

Initial Calibration Report for SequenceID : FC091523AL

AreaCount

Parameter Range	FC064575.D	FC064576.D	FC064577.D	FC064578.D	FC064579.D	
Aliphatic C9-C12	51017756.000	26314149.000	10915380.000	5557729.000	2760088.000	
Aliphatic C12-C16	34025946.000	17538083.000	7216886.000	3686219.000	1827414.000	
Aliphatic C16-C21	48231194.000	24995564.000	10417846.000	5392506.000	2713700.000	
Aliphatic C21-C28	57145268.000	29593594.000	12547072.000	6468983.000	3369975.000	
Aliphatic C28-C40	76614794.000	39251678.000	17190400.000	8903604.000	4681539.000	
Aliphatic EPH	267034958.000	137693068.000	58287584.000	30009041.000	15352716.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	179334.669333	3.58				
Aliphatic C12-C16	178597.012	3.255				
Aliphatic C16-C21	172340.4079996	4.995				
Aliphatic C21-C28	155578.573	6.632				
Aliphatic C28-C40	141245.6566664	8.424				
Aliphatic EPH	160111.5271106	5.805				

Concentration

Parameter Range	FC064575.D	FC064576.D	FC064577.D	FC064578.D	FC064579.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC064575.D	FC064576.D	FC064577.D	FC064578.D	FC064579.D	
Aliphatic C9-C12	170059.186666	175427.660000	181923.000000	185257.633333	184005.866666	
Aliphatic C12-C16	170129.730000	175380.830000	180422.150000	184310.950000	182741.400000	
Aliphatic C16-C21	160770.646666	166637.093333	173630.766666	179750.200000	180913.333333	
Aliphatic C21-C28	142863.170000	147967.970000	156838.400000	161724.575000	168498.750000	
Aliphatic C28-C40	127691.323333	130838.926666	143253.333333	148393.400000	156051.300000	



284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Initial Calibration Report for SequenceID : FC091523AL

Aliphatic EPH	148352.754444	152992.297777	161909.955555	166716.894444	170585.733333	
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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064575.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 17:01
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 14 19:30:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:27:32 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.515	18914231	96.222 ug/ml
Spiked Amount 50.000		Recovery =	192.44%
12) S 1-chlorooctadecane (S...	12.945	13694871	96.375 ug/ml
Spiked Amount 50.000		Recovery =	192.75%
Target Compounds			
1) T n-Nonane (C9)	3.303	16765738	96.750 ug/ml
2) T n-Decane (C10)	4.365	17085115	96.646 ug/ml
3) T A~Naphthalene (C11.7)	5.943	18727091	98.438 ug/ml
4) T n-Dodecane (C12)	6.376	17166903	96.496 ug/ml
5) T A~2-methylnaphthalene...	6.997	17906562	98.391 ug/ml
6) T n-Tetradecane (C14)	8.165	16874460	96.910 ug/ml
7) T n-Hexadecane (C16)	9.763	17151486	97.216 ug/ml
8) T n-Octadecane (C18)	11.202	16959578	96.305 ug/ml
10) T n-Eicosane (C20)	12.504	15863754	96.127 ug/ml
11) T n-Heneicosane (C21)	13.113	15407862	96.016 ug/ml
13) T n-Docosane (C22)	13.698	15093944	95.799 ug/ml
14) T n-Tetracosane (C24)	14.797	14615792	95.508 ug/ml
15) T n-Hexacosane (C26)	15.813	14010816	95.279 ug/ml
16) T n-Octacosane (C28)	16.758	13424716	94.699 ug/ml
17) T n-Tricontane (C30)	17.642	13340085	94.095 ug/ml
18) T n-Dotriacontane (C32)	18.472	12975974	93.704 ug/ml
19) T n-Tetratriacontane (C34)	19.253	12761162	93.903 ug/ml
20) T n-Hexatriacontane (C36)	19.989	12503534	94.416 ug/ml
21) T n-Octatriacontane (C38)	20.711	12531190	94.643 ug/ml
22) T n-Tetracontane (C40)	21.591	12502849	94.827 ug/ml

(f)=RT Delta > 1/2 Window

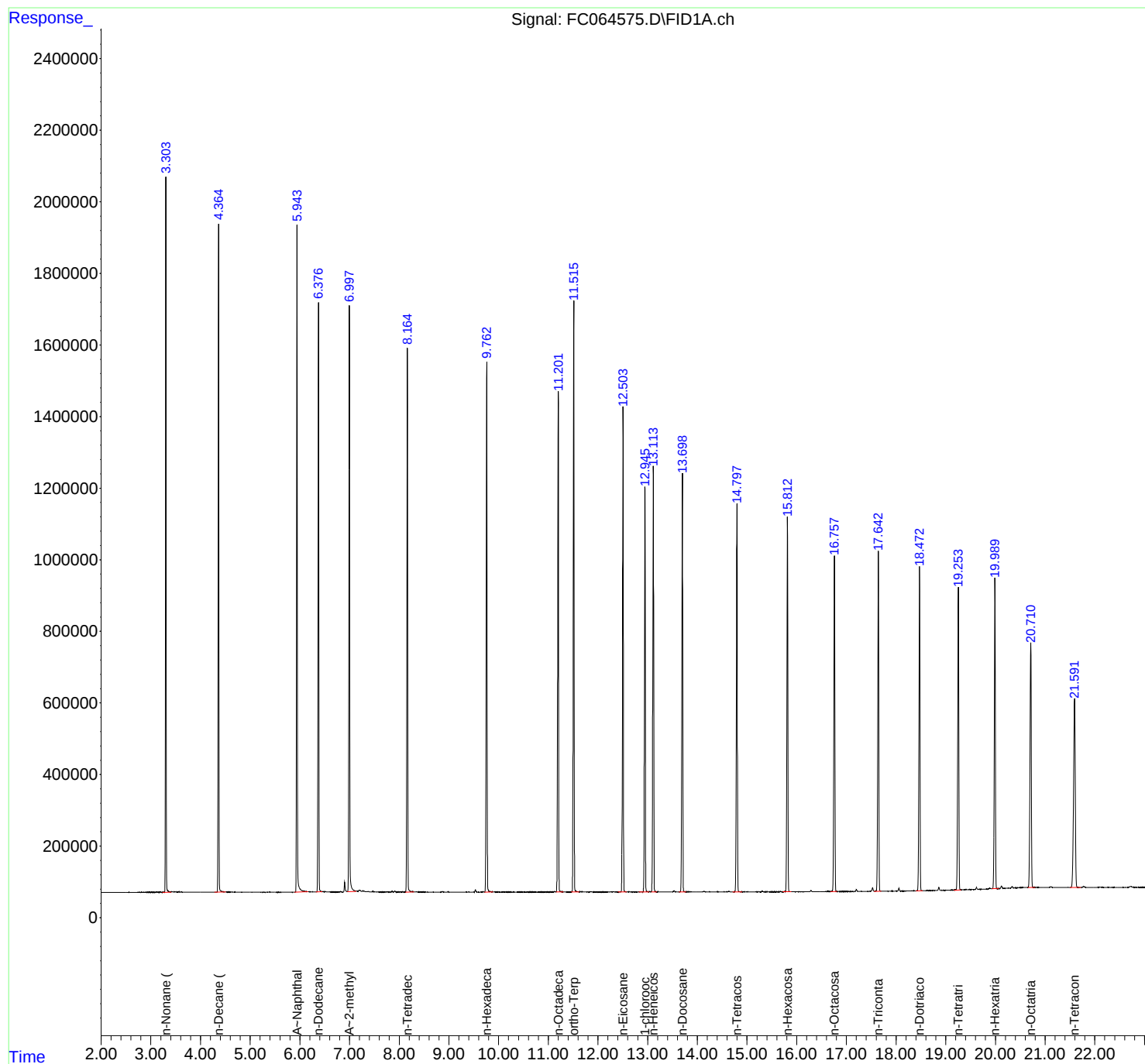
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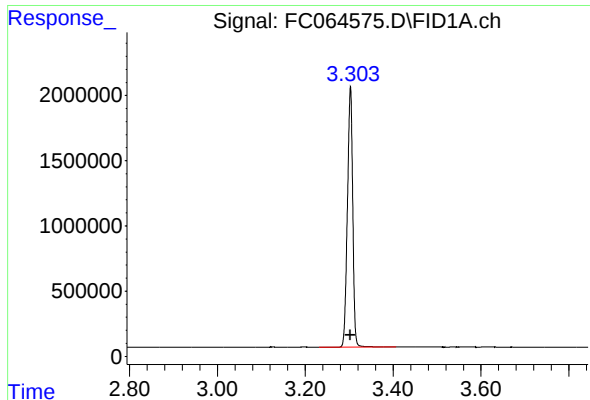
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Data File : FC064575.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2023 17:01
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Sep 14 19:30:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
Quant Title : GC Extractables
QLast Update : Thu Sep 14 19:27:32 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

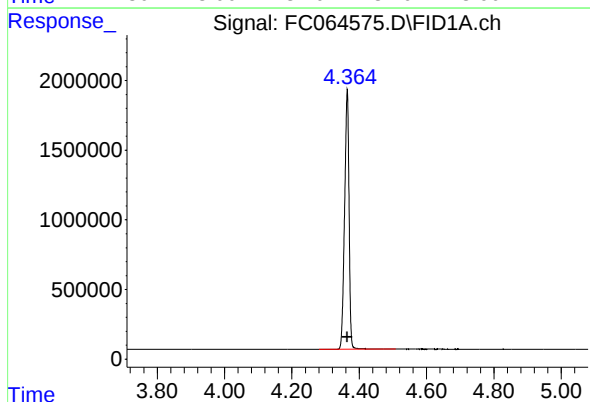




#1 n-Nonane (C9)

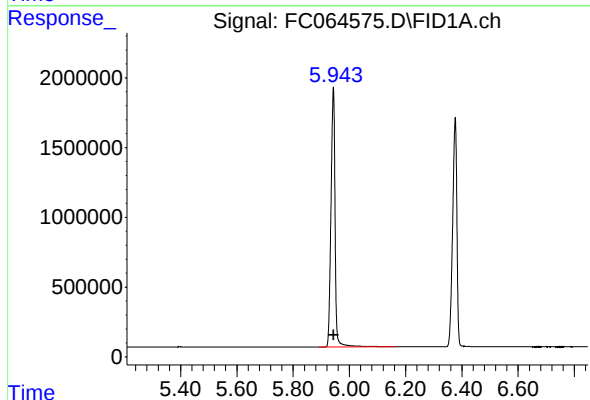
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 16765738
Conc: 96.75 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



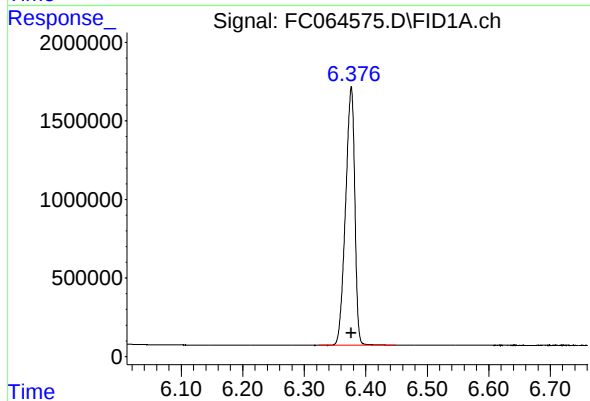
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 17085115
Conc: 96.65 ug/ml



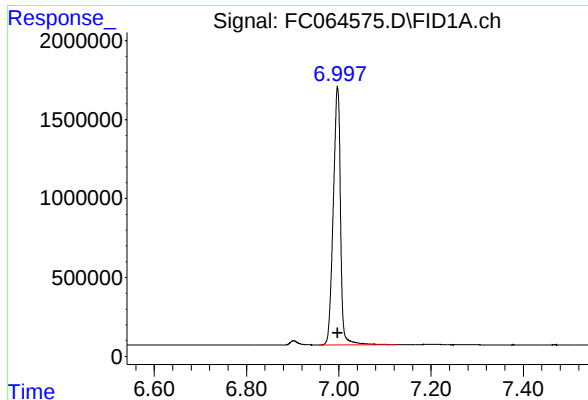
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 18727091
Conc: 98.44 ug/ml



#4 n-Dodecane (C12)

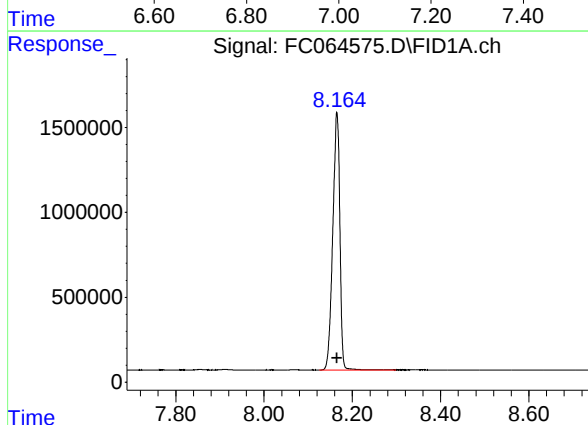
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 17166903
Conc: 96.50 ug/ml



#5 A~2-methylnaphthalene (C12.89)

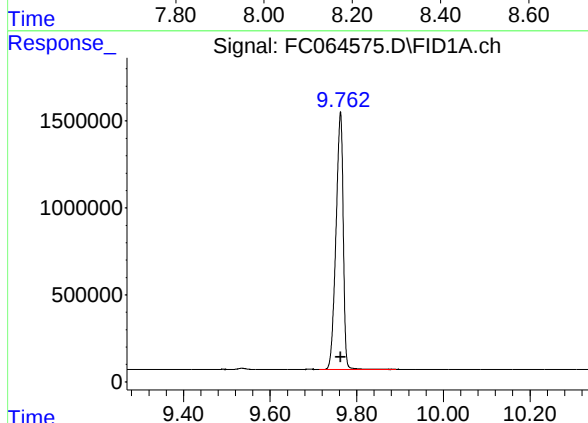
R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 17906562
Conc: 98.39 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



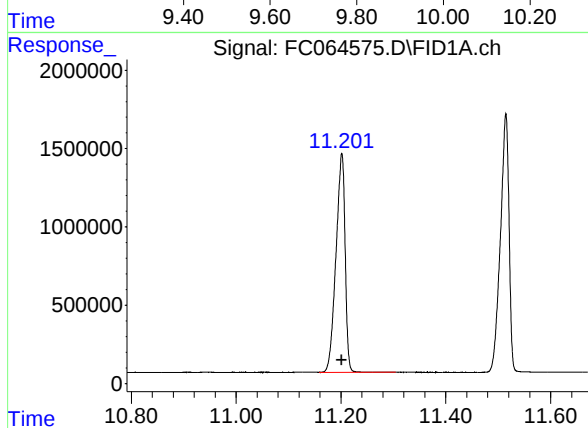
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 16874460
Conc: 96.91 ug/ml



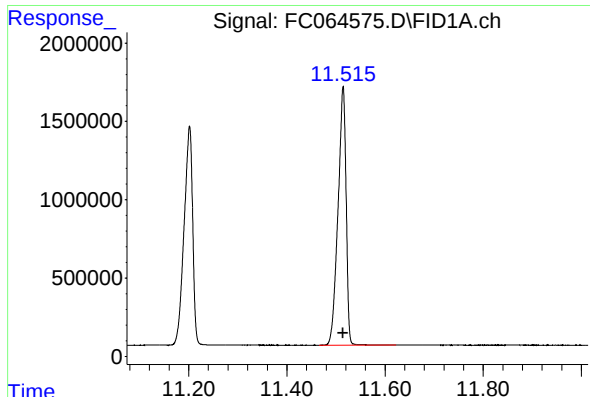
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.000 min
Response: 17151486
Conc: 97.22 ug/ml



#8 n-Octadecane (C18)

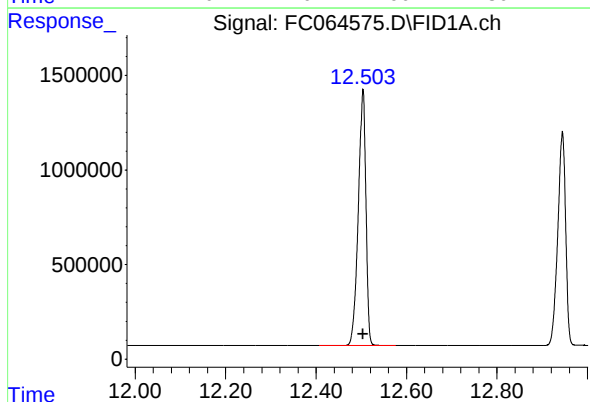
R.T.: 11.202 min
Delta R.T.: 0.000 min
Response: 16959578
Conc: 96.31 ug/ml



#9 ortho-Terphenyl (SURR)

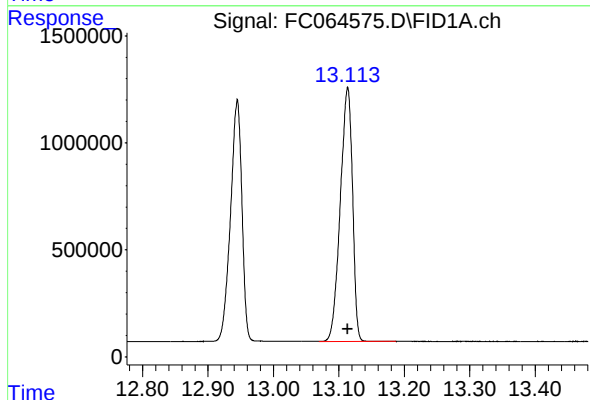
R.T.: 11.515 min
Delta R.T.: 0.000 min
Response: 18914231
Conc: 96.22 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



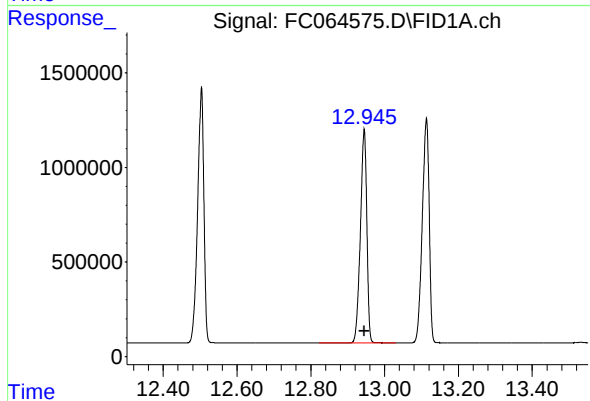
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.000 min
Response: 15863754
Conc: 96.13 ug/ml



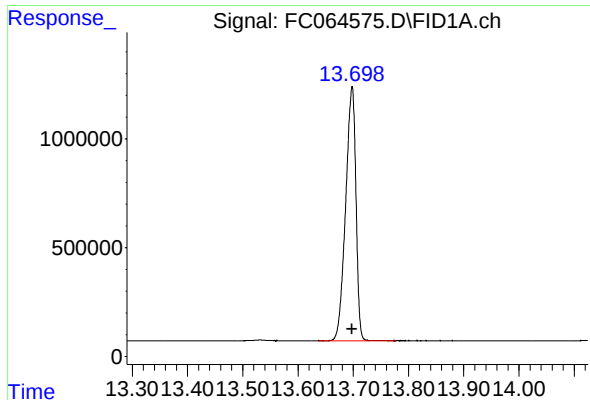
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 15407862
Conc: 96.02 ug/ml



#12 1-chlorooctadecane (SURR)

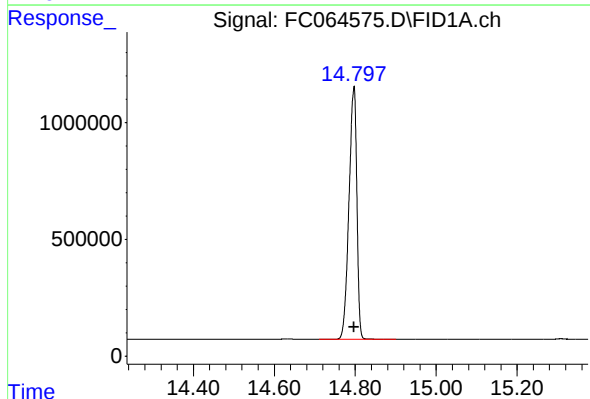
R.T.: 12.945 min
Delta R.T.: 0.000 min
Response: 13694871
Conc: 96.37 ug/ml



#13 n-Docosane (C22)

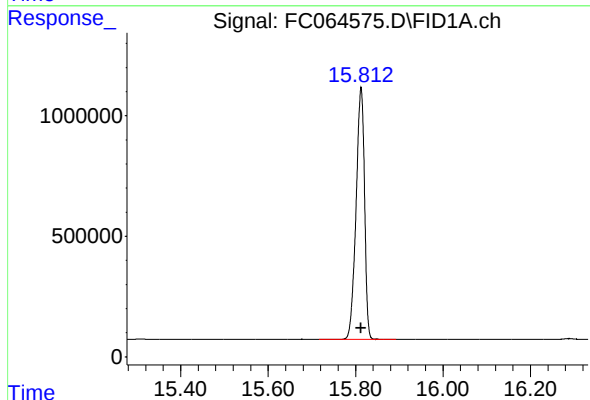
R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 15093944
Conc: 95.80 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



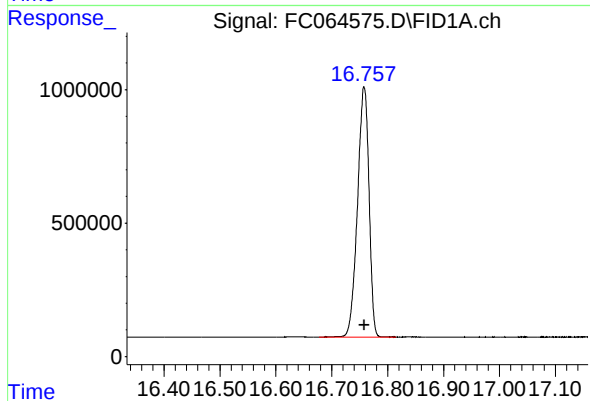
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 14615792
Conc: 95.51 ug/ml



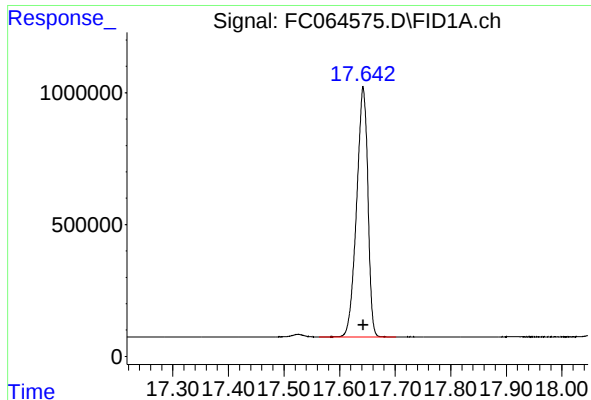
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.000 min
Response: 14010816
Conc: 95.28 ug/ml



#16 n-Octacosane (C28)

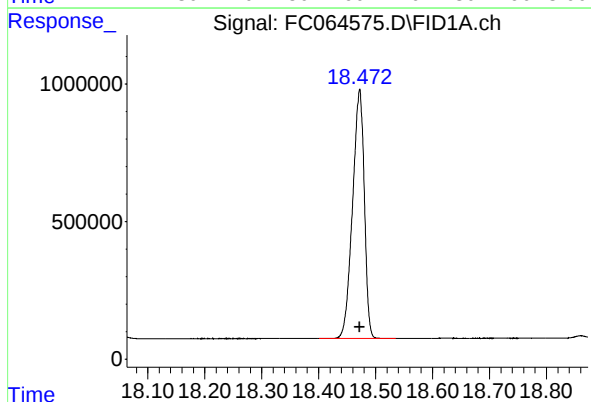
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 13424716
Conc: 94.70 ug/ml



#17 n-Tricontane (C30)

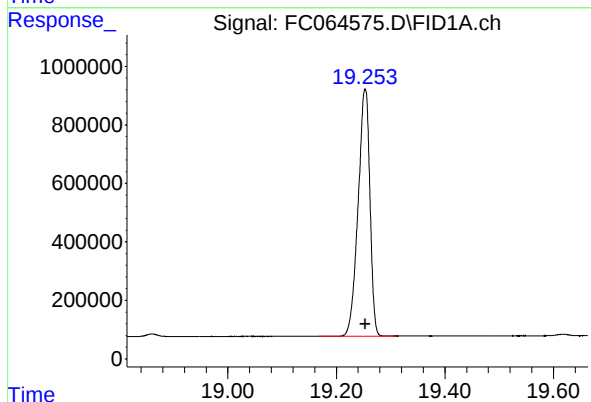
R.T.: 17.642 min
Delta R.T.: 0.000 min
Response: 13340085
Conc: 94.09 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



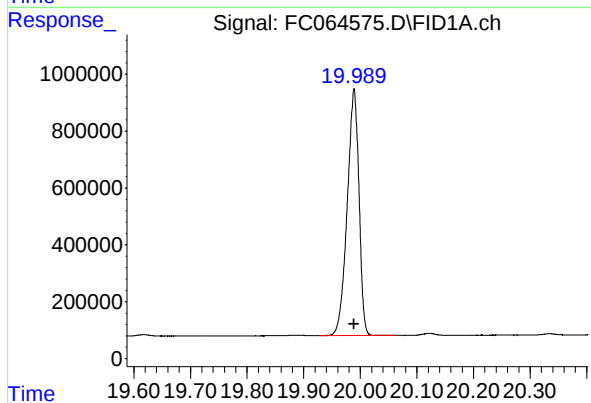
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.000 min
Response: 12975974
Conc: 93.70 ug/ml



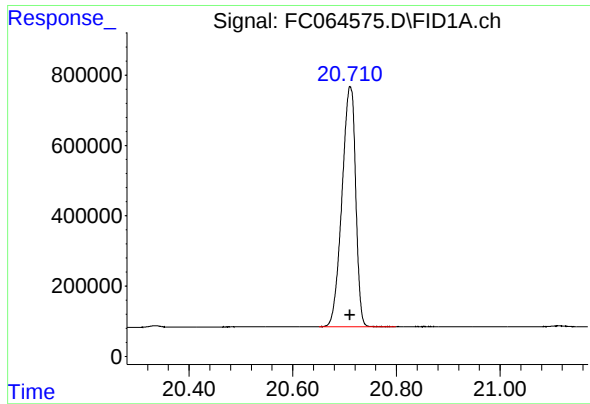
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.000 min
Response: 12761162
Conc: 93.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.989 min
Delta R.T.: 0.000 min
Response: 12503534
Conc: 94.42 ug/ml



#21 n-Octatriacontane (C38)

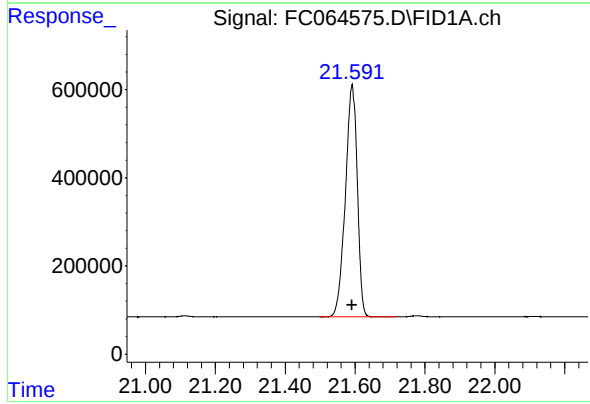
R.T.: 20.711 min
Delta R.T.: 0.000 min
Response: 12531190
Conc: 94.64 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.000 min
Response: 12502849
Conc: 94.83 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
Data File : FC064575.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2023 17:01
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.303	3.231	3.406	BV	1998945	16765738	88.64%	4.986%
2	4.365	4.281	4.509	BB	1868430	17085115	90.33%	5.081%
3	5.943	5.892	6.166	BB	1864175	18727091	99.01%	5.569%
4	6.376	6.324	6.449	BV	1645837	17166903	90.76%	5.105%
5	6.997	6.957	7.124	VV	1635524	17906562	94.67%	5.325%
6	8.165	8.125	8.299	BB	1512974	16874460	89.22%	5.018%
7	9.763	9.713	9.891	PB	1478953	17151486	90.68%	5.100%
8	11.202	11.158	11.305	PB	1397053	16959578	89.67%	5.043%
9	11.515	11.466	11.622	BB	1650503	18914231	100.00%	5.625%
10	12.504	12.406	12.576	BB	1355268	15863754	83.87%	4.717%
11	12.945	12.822	13.031	BV	1132059	13694871	72.41%	4.072%
12	13.113	13.070	13.187	VB	1188518	15407862	81.46%	4.582%
13	13.698	13.638	13.777	BB	1169831	15093944	79.80%	4.489%
14	14.797	14.711	14.901	BB	1085100	14615792	77.27%	4.346%
15	15.813	15.716	15.892	BB	1046896	14010816	74.08%	4.166%
16	16.758	16.677	16.815	BV	936958	13424716	70.98%	3.992%
17	17.642	17.563	17.701	VB	949367	13340085	70.53%	3.967%
18	18.472	18.401	18.536	BB	906706	12975974	68.60%	3.859%
19	19.253	19.168	19.310	BB	845248	12761162	67.47%	3.795%
20	19.989	19.927	20.063	BB	868867	12503534	66.11%	3.718%
21	20.711	20.651	20.799	BB	682605	12531190	66.25%	3.726%
22	21.591	21.497	21.717	BV	528138	12502849	66.10%	3.718%
Sum of corrected areas:						336277713		

Aliphatic EPH 091523.M Fri Sep 15 01:36:39 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064576.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 17:48
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 14 19:34:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:27:32 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.508	9781990	49.842 ug/ml
Spiked Amount 50.000		Recovery =	99.68%
12) S 1-chlorooctadecane (S...	12.940	7076926	49.868 ug/ml
Spiked Amount 50.000		Recovery =	99.74%
Target Compounds			
1) T n-Nonane (C9)	3.302	8616476	49.815 ug/ml
2) T n-Decane (C10)	4.362	8809907	49.890 ug/ml
3) T A~Naphthalene (C11.7)	5.939	9558638	50.163 ug/ml
4) T n-Dodecane (C12)	6.372	8887766	49.972 ug/ml
5) T A~2-methylnaphthalene...	6.993	9173735	50.271 ug/ml
6) T n-Tetradecane (C14)	8.161	8693644	49.952 ug/ml
7) T n-Hexadecane (C16)	9.758	8844439	50.087 ug/ml
8) T n-Octadecane (C18)	11.196	8773509	49.880 ug/ml
10) T n-Eicosane (C20)	12.499	8226933	49.901 ug/ml
11) T n-Heneicosane (C21)	13.108	7995122	49.882 ug/ml
13) T n-Docosane (C22)	13.692	7827938	49.788 ug/ml
14) T n-Tetracosane (C24)	14.790	7573731	49.660 ug/ml
15) T n-Hexacosane (C26)	15.807	7253395	49.548 ug/ml
16) T n-Octacosane (C28)	16.754	6938530	49.292 ug/ml
17) T n-Tricontane (C30)	17.637	6888164	49.048 ug/ml
18) T n-Dotriacontane (C32)	18.468	6682784	48.826 ug/ml
19) T n-Tetratriacontane (C34)	19.246	6545681	48.762 ug/ml
20) T n-Hexatriacontane (C36)	19.984	6385572	48.798 ug/ml
21) T n-Octatriacontane (C38)	20.705	6387764	48.816 ug/ml
22) T n-Tetracontane (C40)	21.583	6361713	48.819 ug/ml

(f)=RT Delta > 1/2 Window

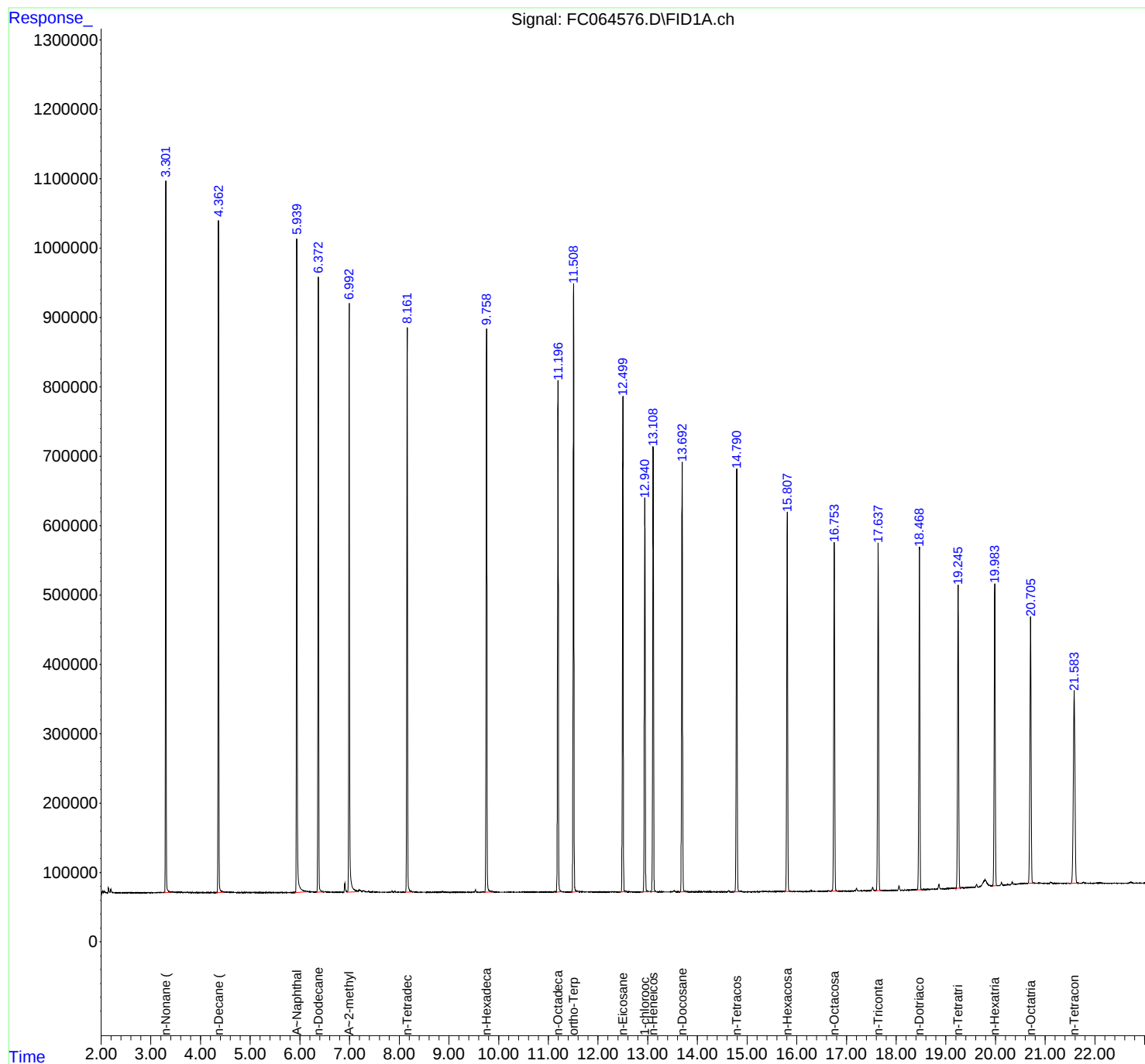
(m)=manual int.

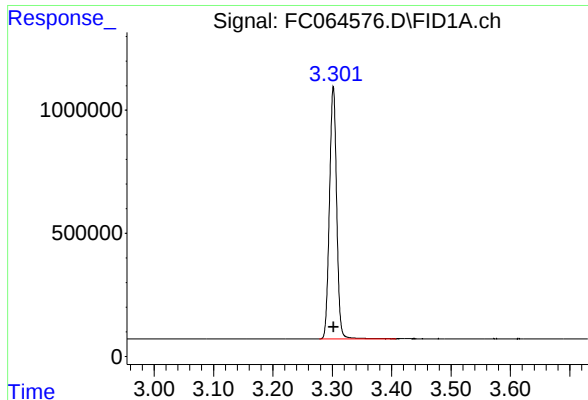
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
Data File : FC064576.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2023 17:48
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Sep 14 19:34:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
Quant Title : GC Extractables
QLast Update : Thu Sep 14 19:27:32 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

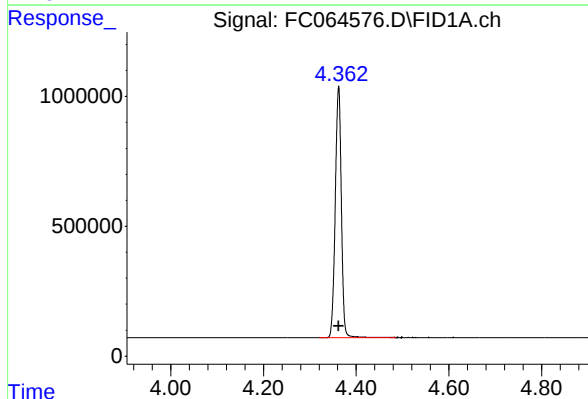




#1 n-Nonane (C9)

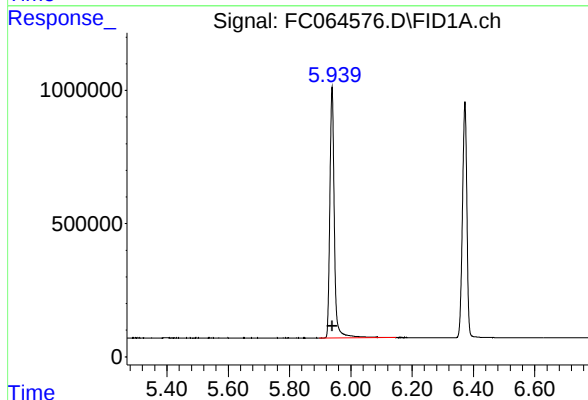
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 8616476
Conc: 49.82 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



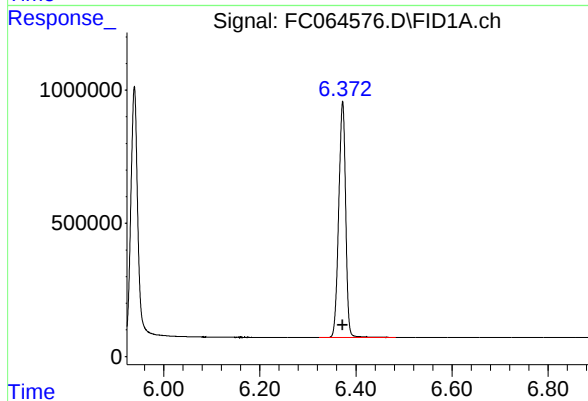
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 8809907
Conc: 49.89 ug/ml



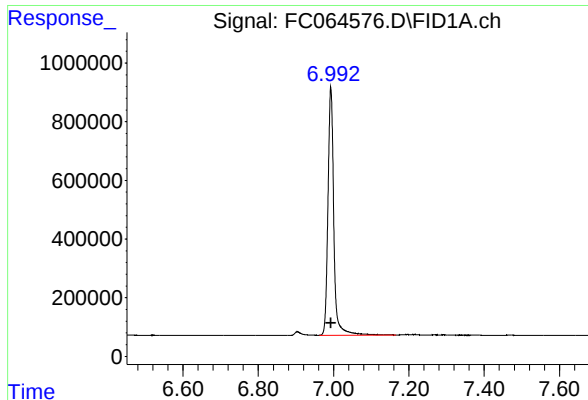
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 9558638
Conc: 50.16 ug/ml



#4 n-Dodecane (C12)

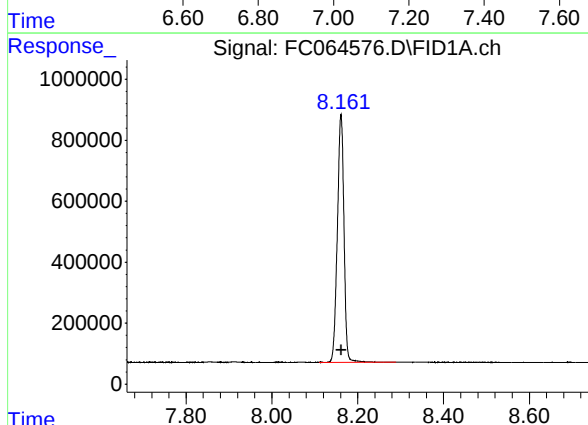
R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 8887766
Conc: 49.97 ug/ml



#5 A~2-methylnaphthalene (C12.89)

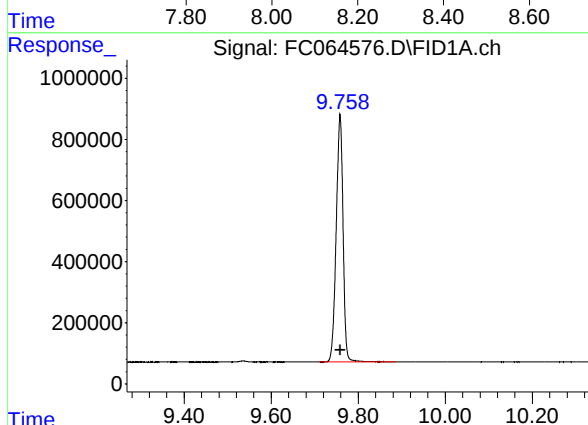
R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 9173735
Conc: 50.27 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



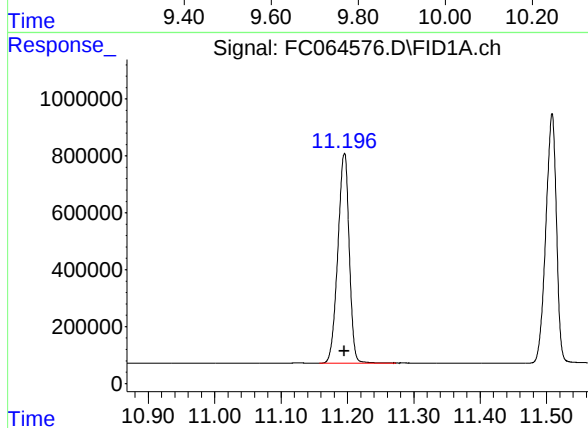
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 8693644
Conc: 49.95 ug/ml



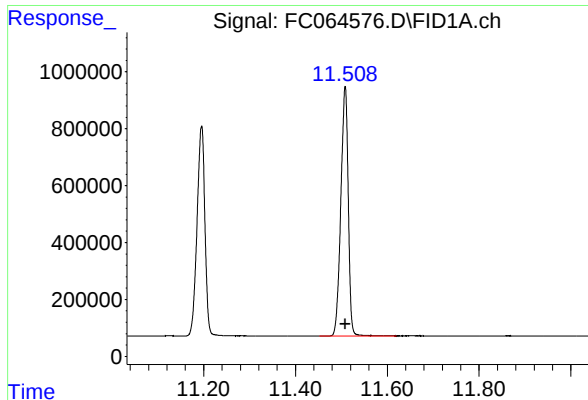
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: 0.000 min
Response: 8844439
Conc: 50.09 ug/ml



#8 n-Octadecane (C18)

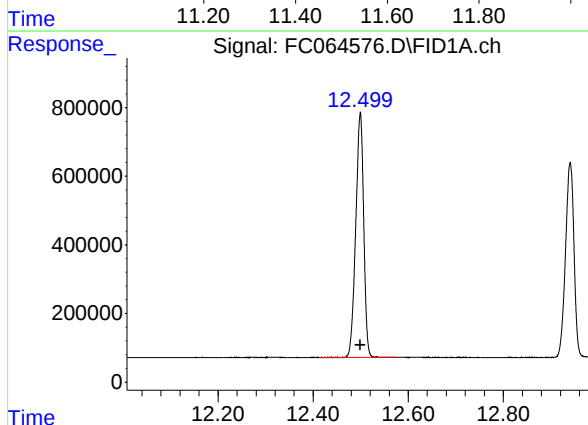
R.T.: 11.196 min
Delta R.T.: 0.000 min
Response: 8773509
Conc: 49.88 ug/ml



#9 ortho-Terphenyl (SURR)

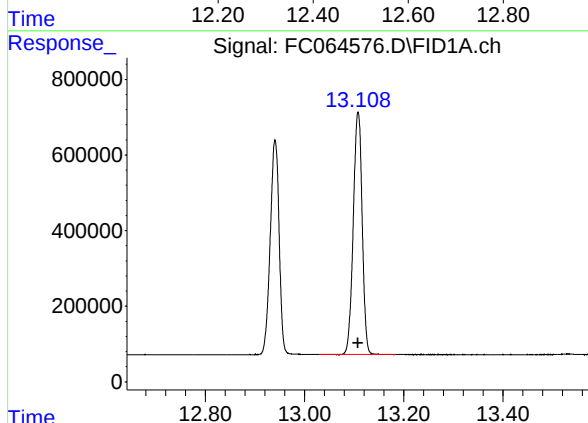
R.T.: 11.508 min
Delta R.T.: 0.000 min
Response: 9781990
Conc: 49.84 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



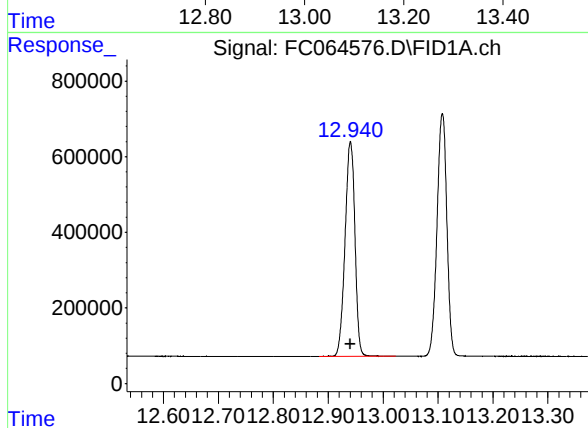
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.000 min
Response: 8226933
Conc: 49.90 ug/ml



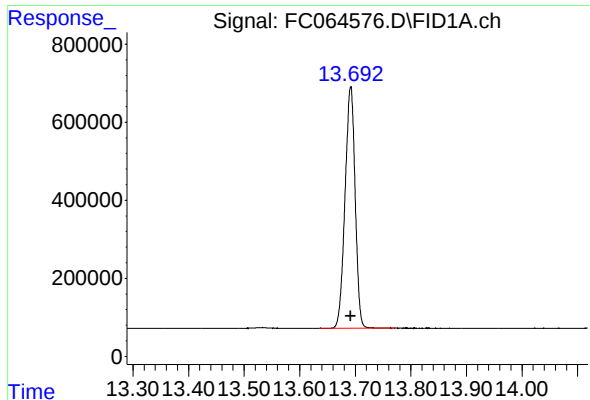
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.000 min
Response: 7995122
Conc: 49.88 ug/ml



#12 1-chlorooctadecane (SURR)

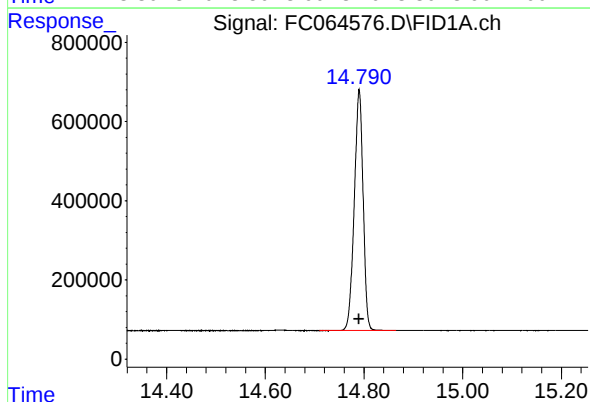
R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 7076926
Conc: 49.87 ug/ml



#13 n-Docosane (C22)

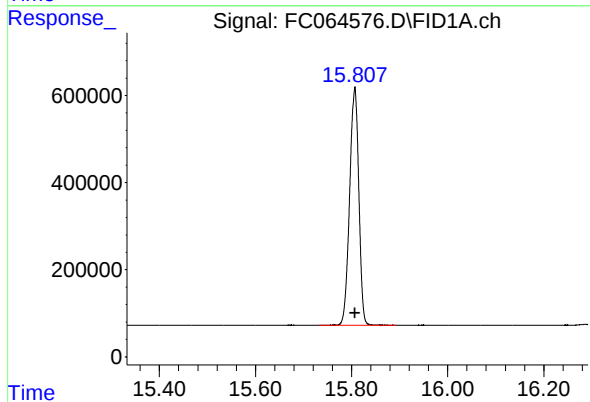
R.T.: 13.692 min
Delta R.T.: 0.000 min
Response: 7827938
Conc: 49.79 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



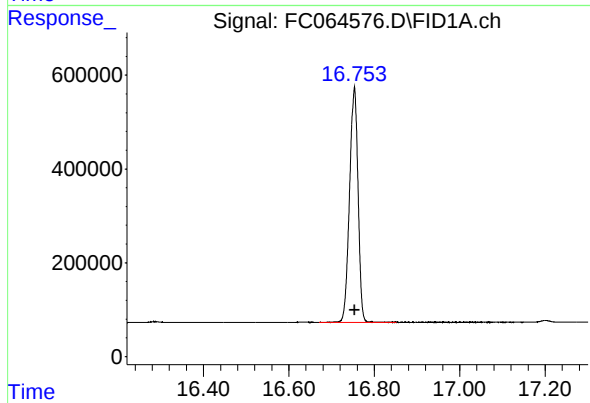
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: 0.000 min
Response: 7573731
Conc: 49.66 ug/ml



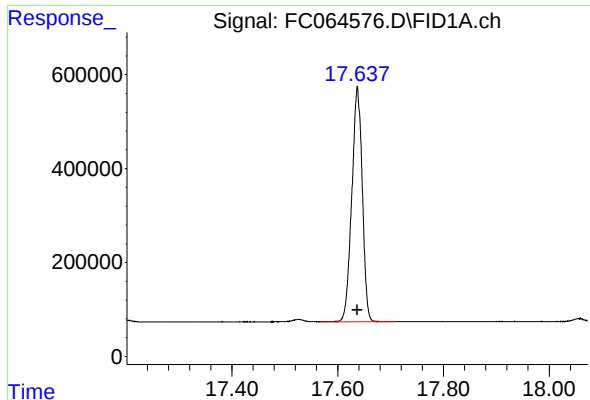
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: 0.000 min
Response: 7253395
Conc: 49.55 ug/ml



#16 n-Octacosane (C28)

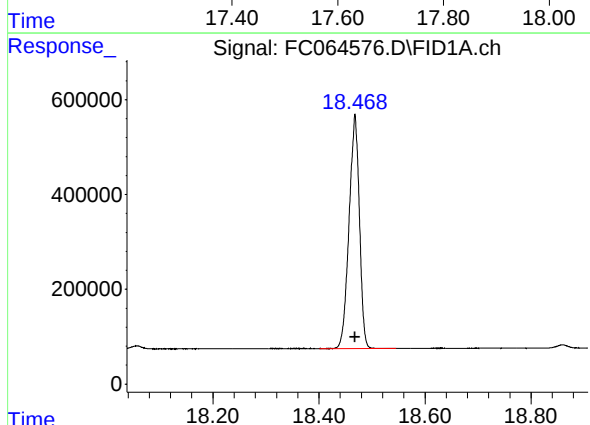
R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 6938530
Conc: 49.29 ug/ml



#17 n-Tricontane (C30)

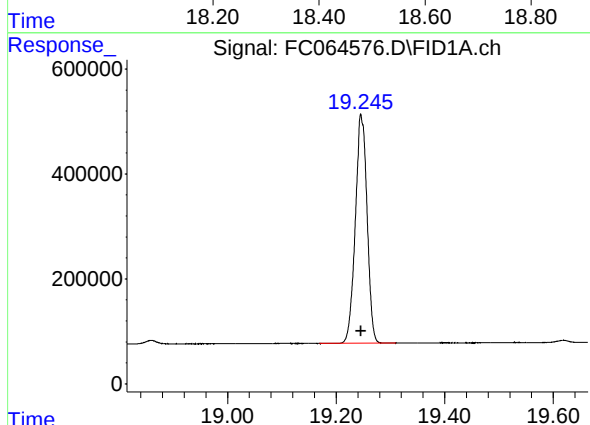
R.T.: 17.637 min
Delta R.T.: 0.000 min
Response: 6888164
Conc: 49.05 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



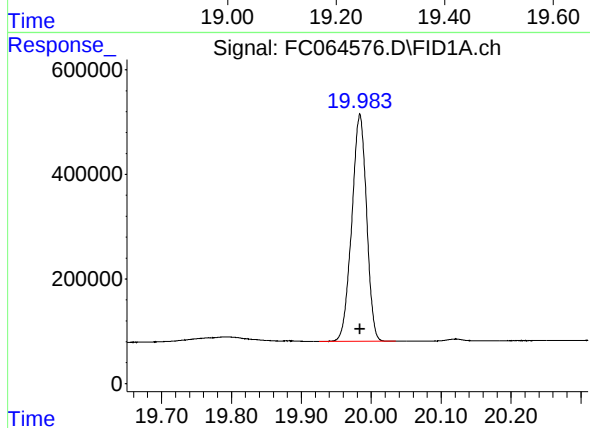
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: 0.000 min
Response: 6682784
Conc: 48.83 ug/ml



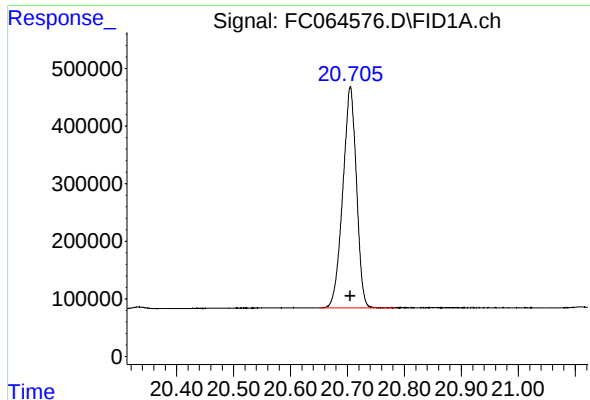
#19 n-Tetatriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.000 min
Response: 6545681
Conc: 48.76 ug/ml



#20 n-Hexatriacontane (C36)

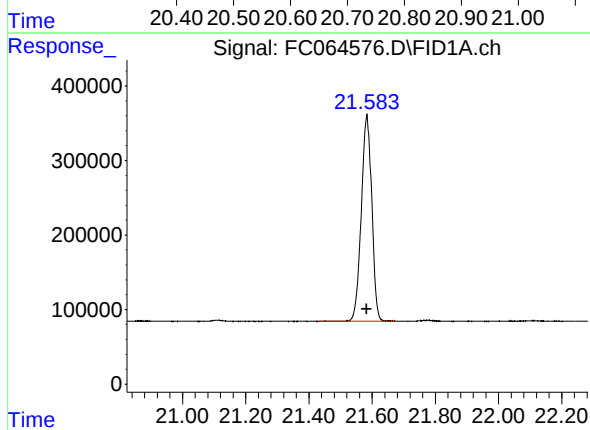
R.T.: 19.984 min
Delta R.T.: 0.000 min
Response: 6385572
Conc: 48.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: 0.000 min
Response: 6387764
Conc: 48.82 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.583 min
Delta R.T.: 0.000 min
Response: 6361713
Conc: 48.82 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
Data File : FC064576.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2023 17:48
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.302	3.278	3.407	VV	1025410	8616476	88.09%	4.972%
2	4.362	4.320	4.486	BB	968716	8809907	90.06%	5.084%
3	5.939	5.896	6.147	BB	941833	9558638	97.72%	5.516%
4	6.372	6.323	6.483	BB	885843	8887766	90.86%	5.129%
5	6.993	6.961	7.166	VV	842188	9173735	93.78%	5.294%
6	8.161	8.110	8.289	BB	813825	8693644	88.87%	5.017%
7	9.758	9.710	9.886	BB	811214	8844439	90.42%	5.104%
8	11.196	11.157	11.273	BB	736937	8773509	89.69%	5.063%
9	11.508	11.451	11.619	BB	877478	9781990	100.00%	5.645%
10	12.499	12.412	12.574	BB	712885	8226933	84.10%	4.748%
11	12.940	12.883	13.023	BB	568069	7076926	72.35%	4.084%
12	13.108	13.029	13.184	BB	641946	7995122	81.73%	4.614%
13	13.692	13.635	13.773	BB	617036	7827938	80.02%	4.517%
14	14.790	14.709	14.865	BB	606590	7573731	77.43%	4.371%
15	15.807	15.732	15.892	BB	548291	7253395	74.15%	4.186%
16	16.754	16.671	16.851	BB	503065	6938530	70.93%	4.004%
17	17.637	17.565	17.710	VV	499270	6888164	70.42%	3.975%
18	18.468	18.400	18.545	BV	493933	6682784	68.32%	3.857%
19	19.246	19.169	19.310	BV	436316	6545681	66.92%	3.777%
20	19.984	19.925	20.035	BV	434730	6385572	65.28%	3.685%
21	20.705	20.650	20.785	BB	383735	6387764	65.30%	3.686%
22	21.583	21.432	21.675	BV	277891	6361713	65.03%	3.671%
Sum of corrected areas:						173284357		

Aliphatic EPH 091523.M Fri Sep 15 01:37:20 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064577.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 18:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 14 19:27:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:27:32 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.504	4079907	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.937	2945042	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.300	3578428	20.000 ug/ml
2) T n-Decane (C10)	4.361	3654217	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3864260	20.000 ug/ml
4) T n-Dodecane (C12)	6.371	3682735	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.992	3698416	20.000 ug/ml
6) T n-Tetradecane (C14)	8.160	3590097	20.000 ug/ml
7) T n-Hexadecane (C16)	9.755	3626789	20.000 ug/ml
8) T n-Octadecane (C18)	11.192	3652183	20.000 ug/ml
10) T n-Eicosane (C20)	12.496	3428388	20.000 ug/ml
11) T n-Heneicosane (C21)	13.104	3337275	20.000 ug/ml
13) T n-Docosane (C22)	13.689	3283517	20.000 ug/ml
14) T n-Tetracosane (C24)	14.787	3198130	20.000 ug/ml
15) T n-Hexacosane (C26)	15.804	3079872	20.000 ug/ml
16) T n-Octacosane (C28)	16.752	2985553	20.000 ug/ml
17) T n-Tricontane (C30)	17.636	3002899	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.464	2943923	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.247	2883678	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.982	2796528	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.700	2789954	20.000 ug/ml
22) T n-Tetracontane (C40)	21.582	2773418	20.000 ug/ml

(f)=RT Delta > 1/2 Window

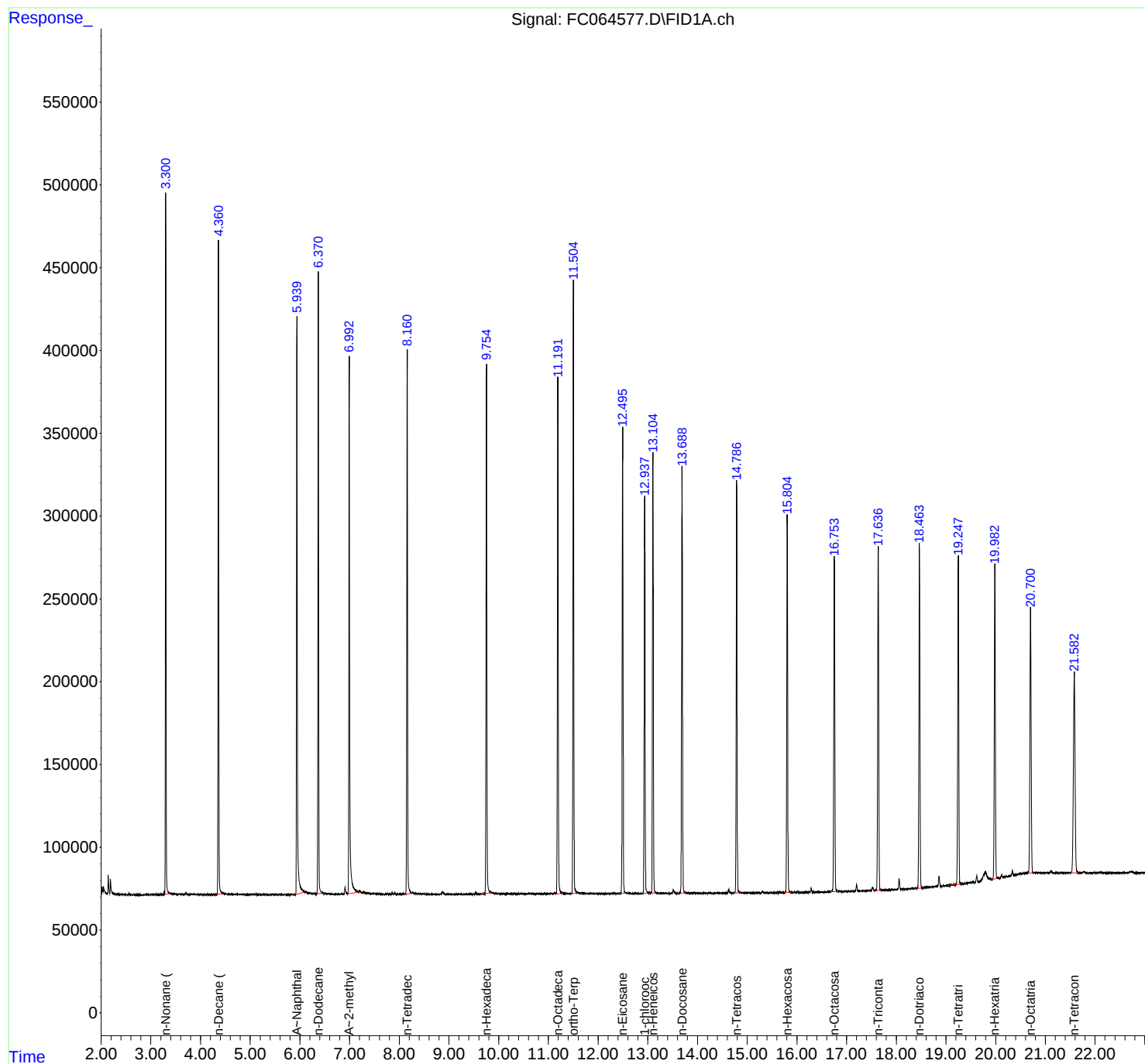
(m)=manual int.

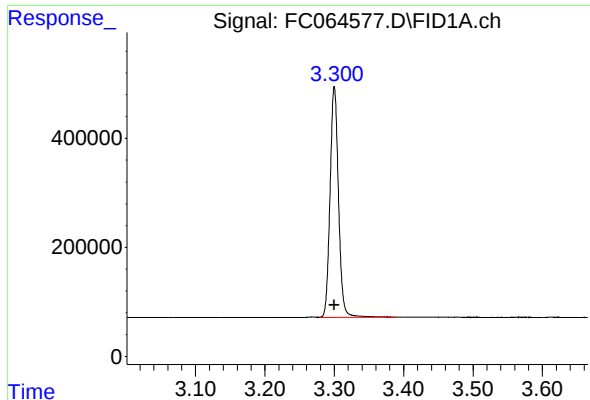
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
Data File : FC064577.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2023 18:34
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Sep 14 19:27:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
Quant Title : GC Extractables
QLast Update : Thu Sep 14 19:27:32 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

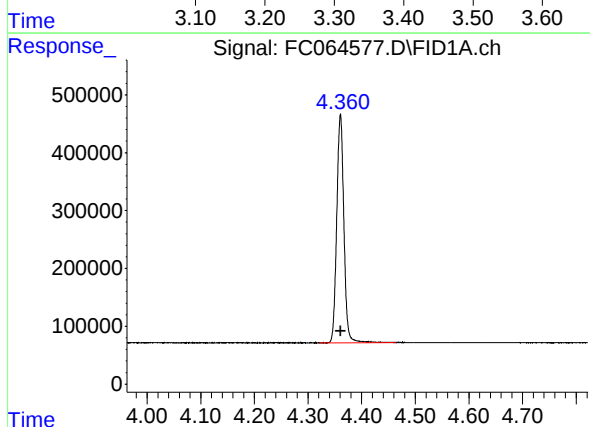




#1 n-Nonane (C9)

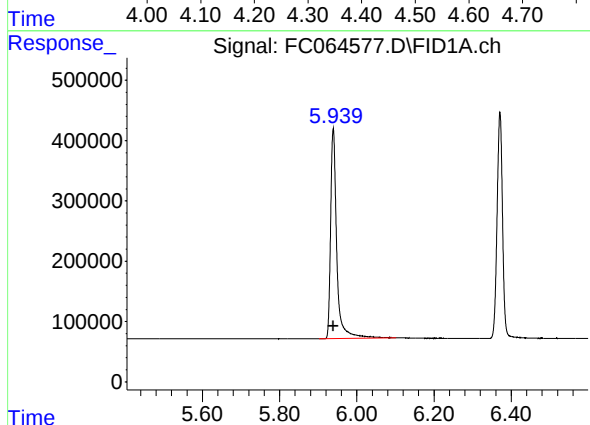
R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 3578428
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



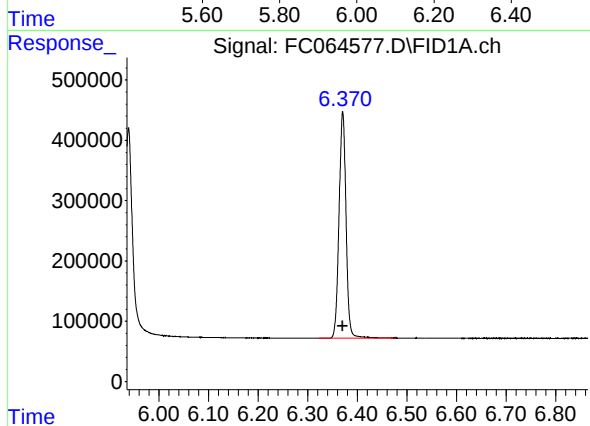
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 3654217
Conc: 20.00 ug/ml



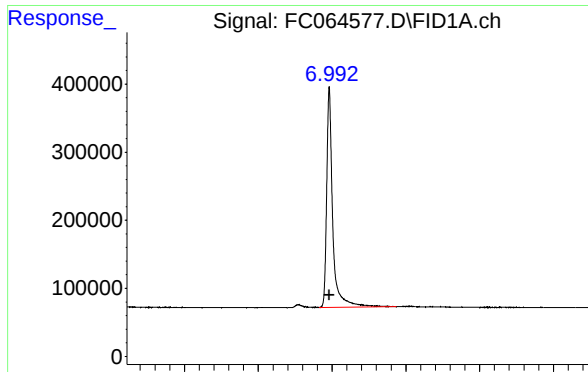
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 3864260
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

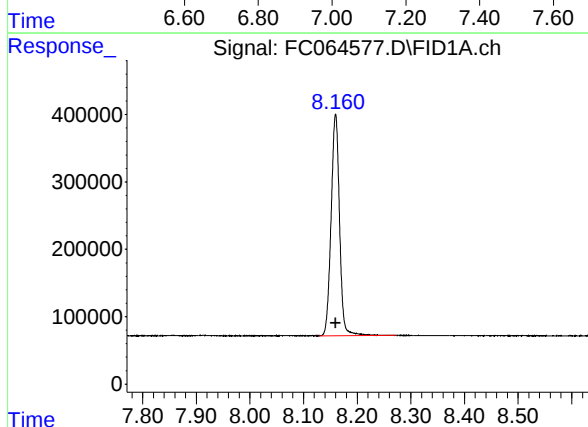
R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 3682735
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

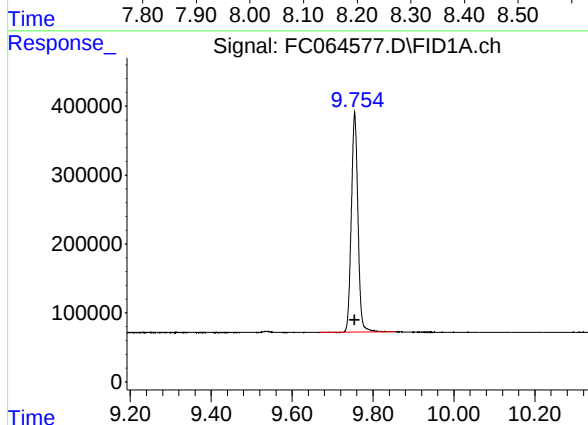
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 3698416
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



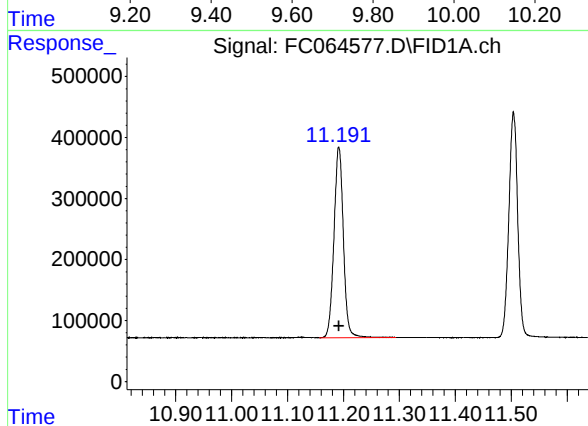
#6 n-Tetradecane (C14)

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 3590097
Conc: 20.00 ug/ml



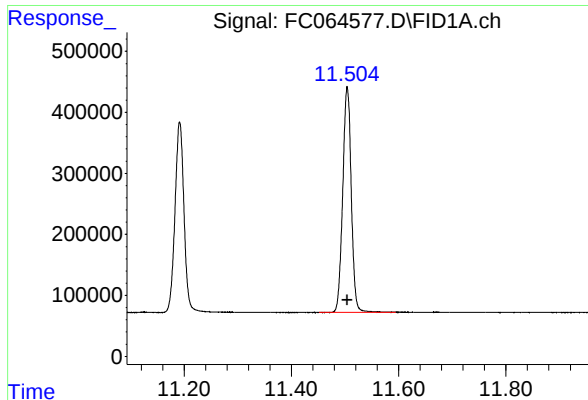
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 3626789
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

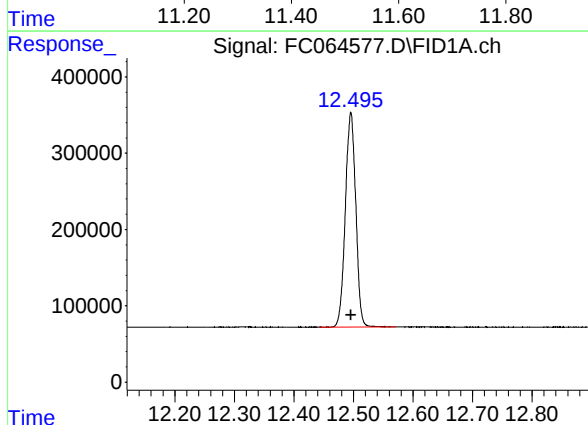
R.T.: 11.192 min
Delta R.T.: 0.000 min
Response: 3652183
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

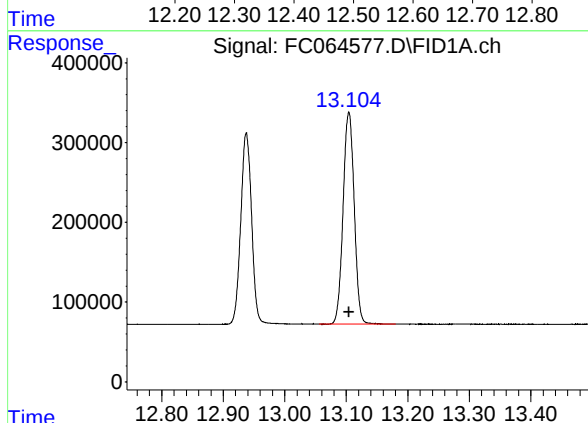
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 4079907
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



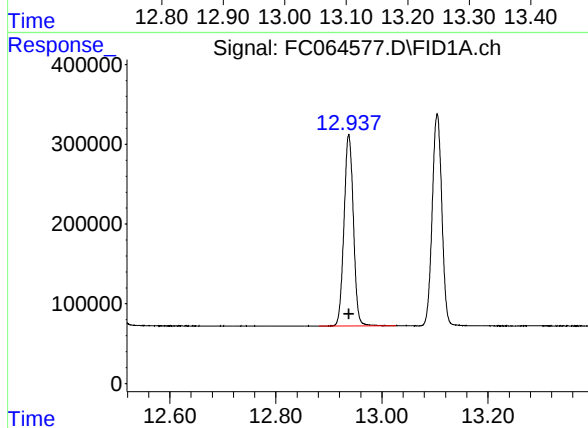
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.000 min
Response: 3428388
Conc: 20.00 ug/ml



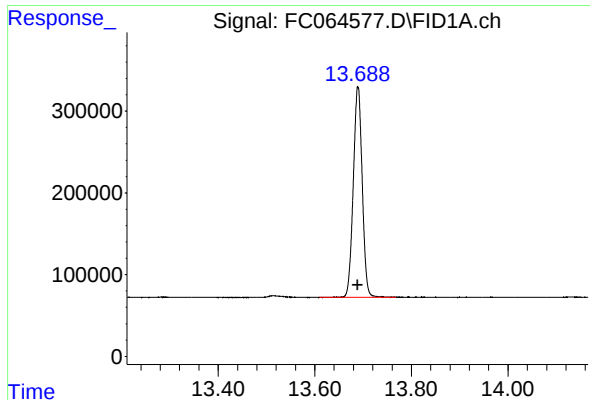
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 3337275
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

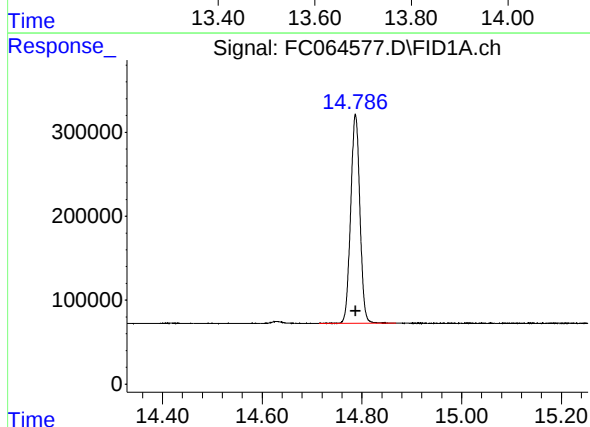
R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 2945042
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

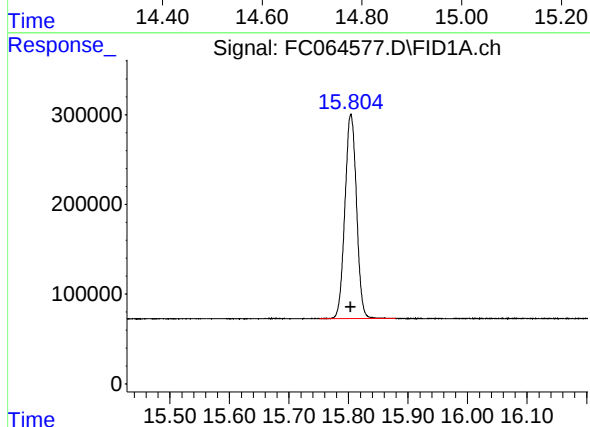
R.T.: 13.689 min
Delta R.T.: 0.000 min
Response: 3283517
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



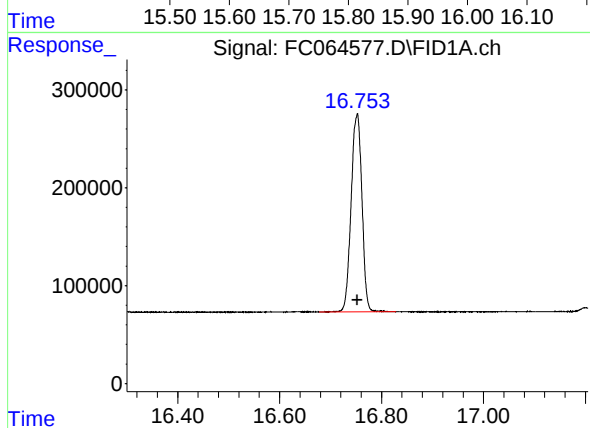
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: 0.000 min
Response: 3198130
Conc: 20.00 ug/ml



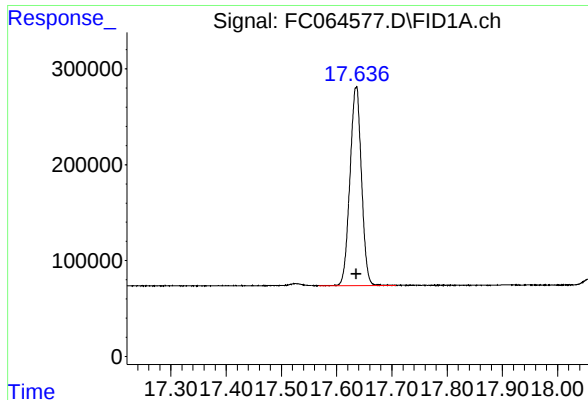
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.000 min
Response: 3079872
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

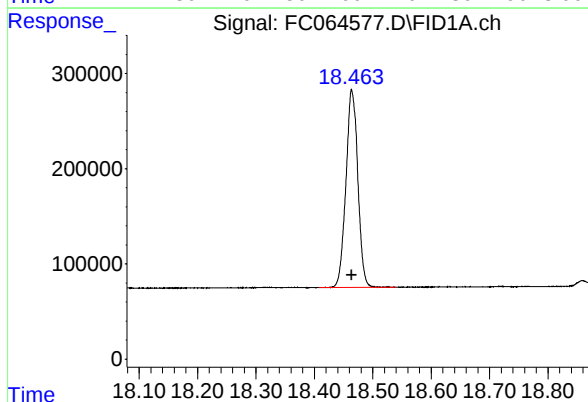
R.T.: 16.752 min
Delta R.T.: 0.000 min
Response: 2985553
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

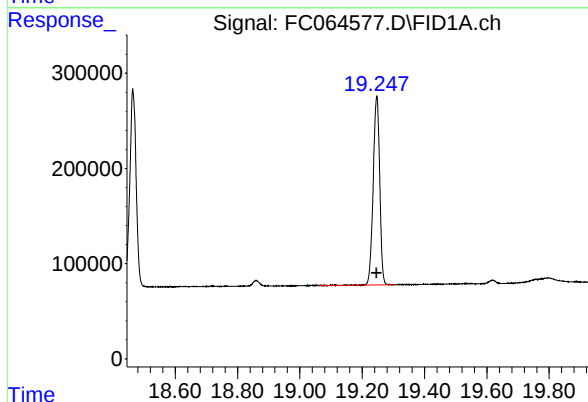
R.T.: 17.636 min
Delta R.T.: 0.000 min
Response: 3002899
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



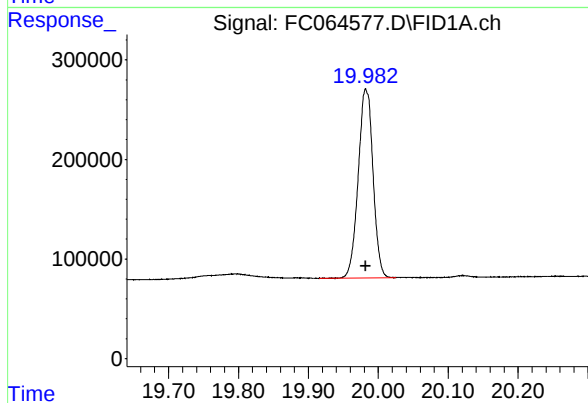
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: 0.000 min
Response: 2943923
Conc: 20.00 ug/ml



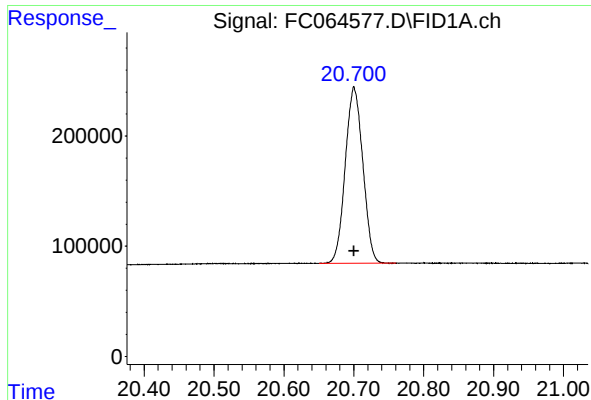
#19 n-Tetatriacontane (C34)

R.T.: 19.247 min
Delta R.T.: 0.000 min
Response: 2883678
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

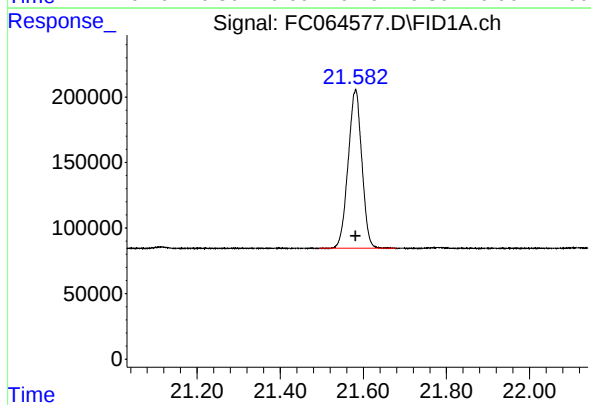
R.T.: 19.982 min
Delta R.T.: 0.000 min
Response: 2796528
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: 0.000 min
Response: 2789954
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.582 min
Delta R.T.: 0.000 min
Response: 2773418
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064577.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 18:34
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.300	3.278	3.389	VB	423563	3578428	87.71%	4.910%
2	4.361	4.321	4.464	BB	395044	3654217	89.57%	5.014%
3	5.939	5.902	6.101	BB	348492	3864260	94.71%	5.303%
4	6.371	6.323	6.478	BB	375438	3682735	90.27%	5.053%
5	6.992	6.965	7.173	PV	323930	3698416	90.65%	5.075%
6	8.160	8.129	8.272	BB	328779	3590097	87.99%	4.926%
7	9.755	9.666	9.856	BB	319469	3626789	88.89%	4.977%
8	11.192	11.156	11.294	BB	312100	3652183	89.52%	5.012%
9	11.504	11.451	11.595	BB	369858	4079907	100.00%	5.598%
10	12.496	12.442	12.571	BB	281531	3428388	84.03%	4.704%
11	12.937	12.881	13.026	BB	239778	2945042	72.18%	4.041%
12	13.104	13.056	13.181	BB	265770	3337275	81.80%	4.579%
13	13.689	13.609	13.768	BB	257263	3283517	80.48%	4.506%
14	14.787	14.714	14.868	BB	248690	3198130	78.39%	4.389%
15	15.804	15.751	15.880	BB	227717	3079872	75.49%	4.226%
16	16.752	16.677	16.828	BB	202010	2985553	73.18%	4.097%
17	17.636	17.568	17.707	BB	206707	3002899	73.60%	4.121%
18	18.464	18.408	18.540	BB	207622	2943923	72.16%	4.040%
19	19.247	19.061	19.308	BB	198378	2883678	70.68%	3.957%
20	19.982	19.915	20.025	BV	189901	2796528	68.54%	3.837%
21	20.700	20.650	20.760	BV	160293	2789954	68.38%	3.828%
22	21.582	21.494	21.679	BV	121447	2773418	67.98%	3.806%
Sum of corrected areas:						72875207		

Aliphatic EPH 091523.M Fri Sep 15 01:37:57 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064578.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 19:21
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 15 01:23:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:34:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.503	2110888	10.756 ug/ml
Spiked Amount 50.000		Recovery =	21.51%
12) S 1-chlorooctadecane (S...	12.937	1512280	10.656 ug/ml
Spiked Amount 50.000		Recovery =	21.31%
Target Compounds			
1) T n-Nonane (C9)	3.298	1829601	10.578 ug/ml
2) T n-Decane (C10)	4.359	1848836	10.470 ug/ml
3) T A~Naphthalene (C11.7)	5.940	1893653	9.938 ug/ml
4) T n-Dodecane (C12)	6.370	1879292	10.567 ug/ml
5) T A~2-methylnaphthalene...	6.994	1805070	9.891 ug/ml
6) T n-Tetradecane (C14)	8.158	1829344	10.511 ug/ml
7) T n-Hexadecane (C16)	9.755	1856875	10.516 ug/ml
8) T n-Octadecane (C18)	11.191	1884312	10.713 ug/ml
10) T n-Eicosane (C20)	12.495	1780155	10.798 ug/ml
11) T n-Heneicosane (C21)	13.105	1728039	10.781 ug/ml
13) T n-Docosane (C22)	13.690	1696535	10.791 ug/ml
14) T n-Tetracosane (C24)	14.788	1649591	10.816 ug/ml
15) T n-Hexacosane (C26)	15.806	1585124	10.828 ug/ml
16) T n-Octacosane (C28)	16.749	1537733	10.924 ug/ml
17) T n-Tricontane (C30)	17.634	1547855	11.022 ug/ml
18) T n-Dotriacontane (C32)	18.463	1519002	11.098 ug/ml
19) T n-Tetratriacontane (C34)	19.243	1493940	11.129 ug/ml
20) T n-Hexatriacontane (C36)	19.980	1457106	11.135 ug/ml
21) T n-Octatriacontane (C38)	20.698	1450688	11.086 ug/ml
22) T n-Tetracontane (C40)	21.576	1435013	11.012 ug/ml

(f)=RT Delta > 1/2 Window

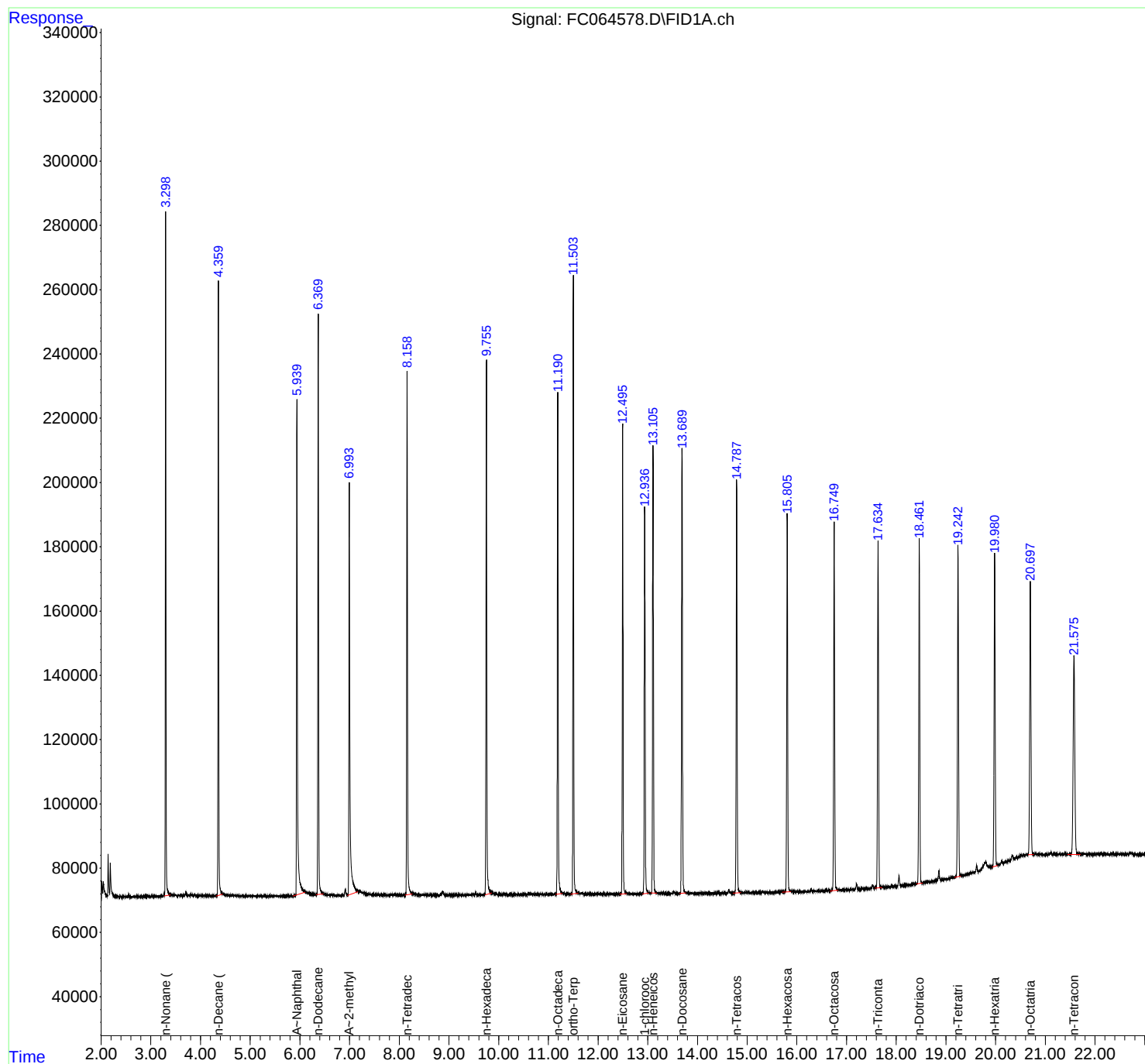
(m)=manual int.

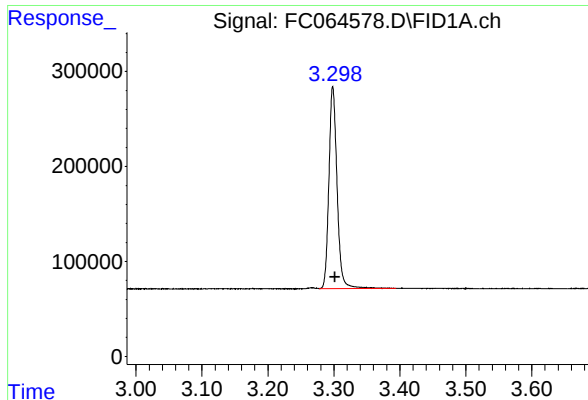
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
Data File : FC064578.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2023 19:21
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Sep 15 01:23:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
Quant Title : GC Extractables
QLast Update : Thu Sep 14 19:34:47 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

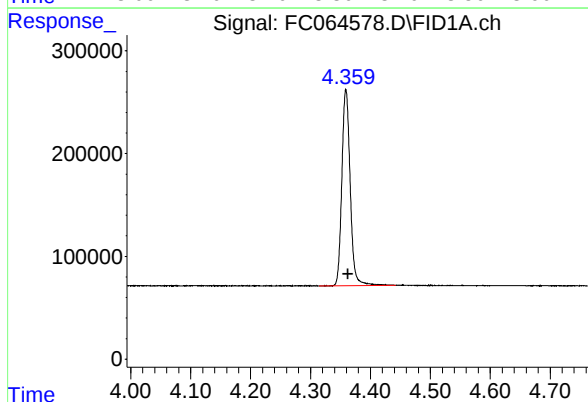




#1 n-Nonane (C9)

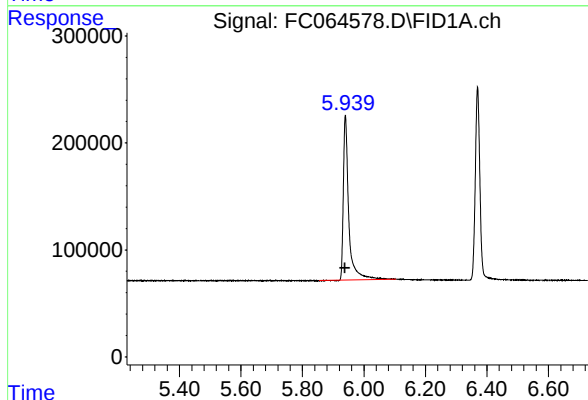
R.T.: 3.298 min
Delta R.T.: -0.004 min
Response: 1829601
Conc: 10.58 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



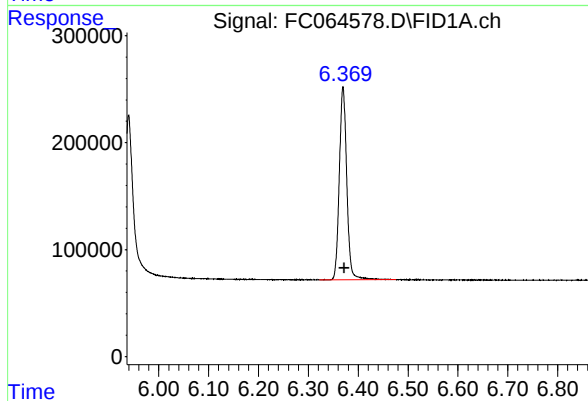
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 1848836
Conc: 10.47 ug/ml



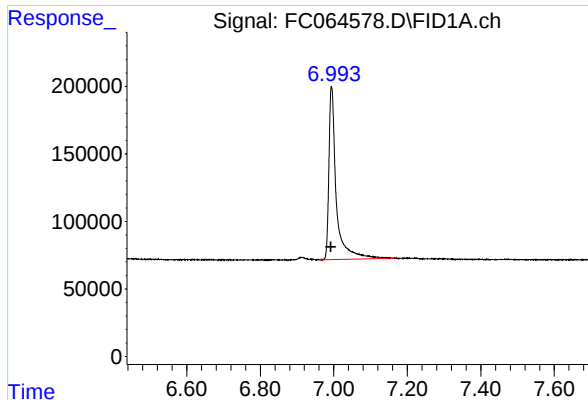
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 1893653
Conc: 9.94 ug/ml



#4 n-Dodecane (C12)

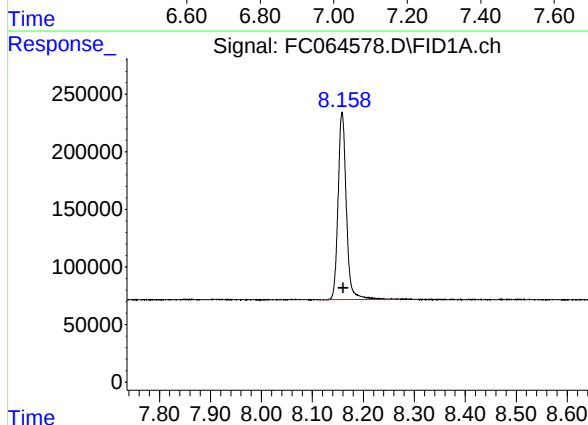
R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 1879292
Conc: 10.57 ug/ml



#5 A~2-methylnaphthalene (C12.89)

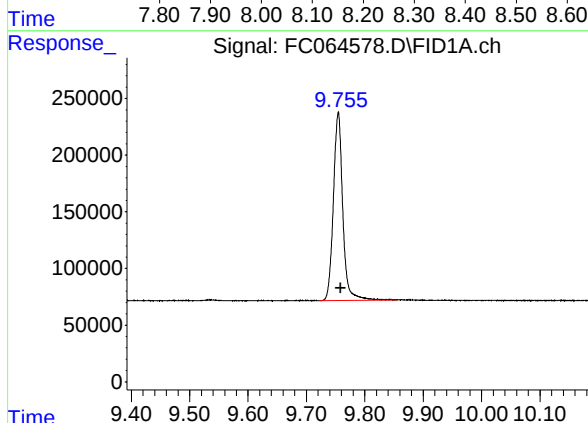
R.T.: 6.994 min
Delta R.T.: 0.001 min
Response: 1805070
Conc: 9.89 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



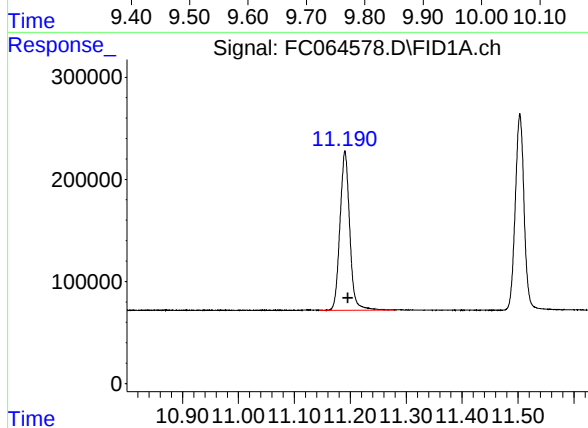
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.003 min
Response: 1829344
Conc: 10.51 ug/ml



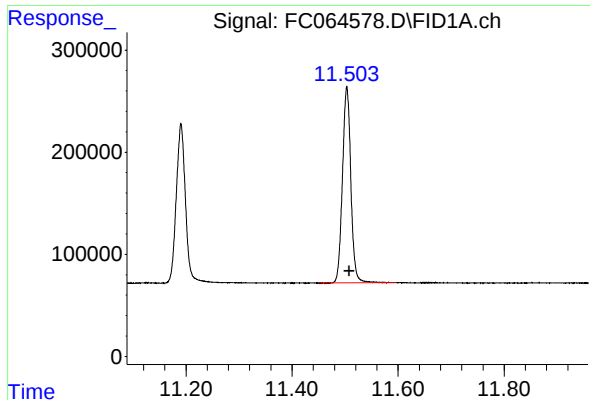
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: -0.004 min
Response: 1856875
Conc: 10.52 ug/ml



#8 n-Octadecane (C18)

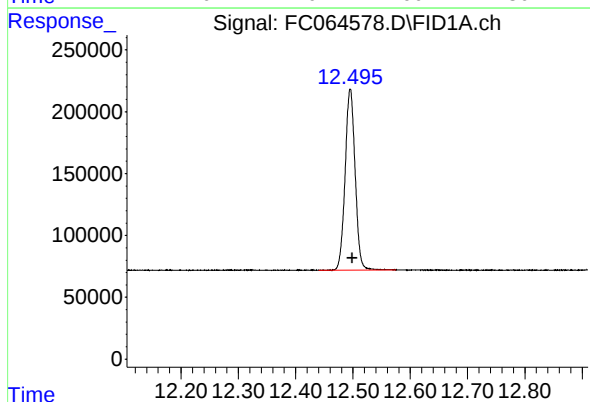
R.T.: 11.191 min
Delta R.T.: -0.005 min
Response: 1884312
Conc: 10.71 ug/ml



#9 ortho-Terphenyl (SURR)

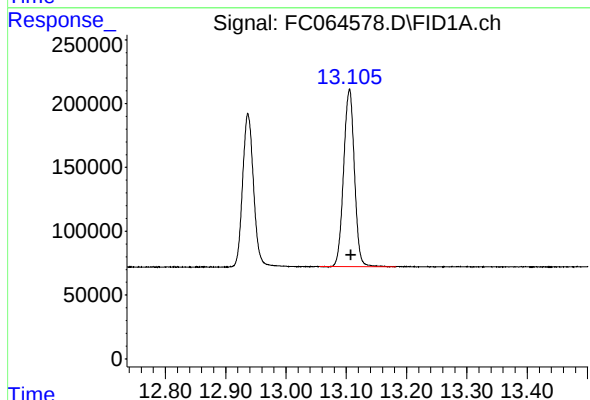
R.T.: 11.503 min
Delta R.T.: -0.005 min
Response: 2110888
Conc: 10.76 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



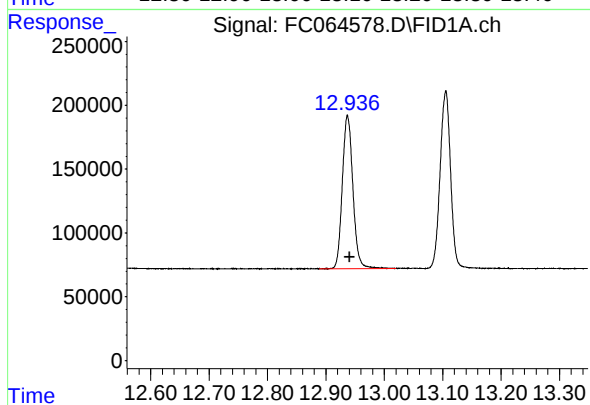
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: -0.004 min
Response: 1780155
Conc: 10.80 ug/ml



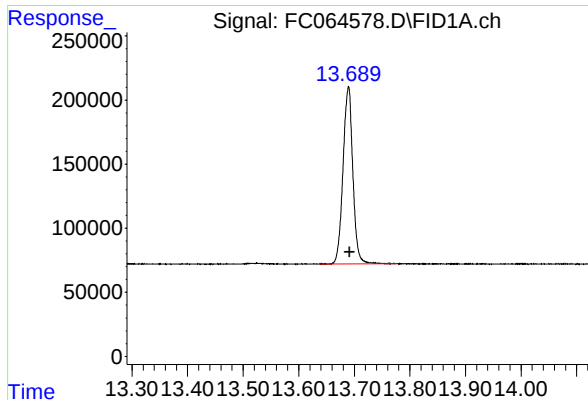
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: -0.003 min
Response: 1728039
Conc: 10.78 ug/ml



#12 1-chlorooctadecane (SURR)

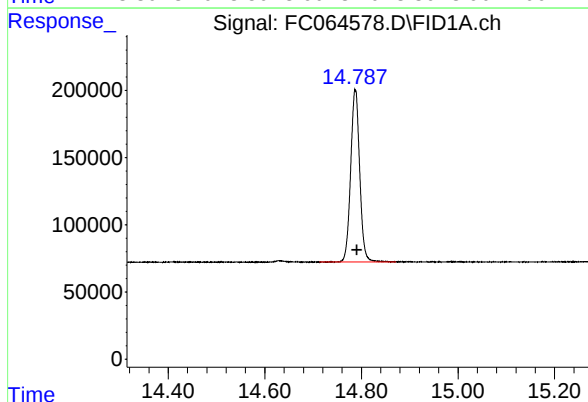
R.T.: 12.937 min
Delta R.T.: -0.003 min
Response: 1512280
Conc: 10.66 ug/ml



#13 n-Docosane (C22)

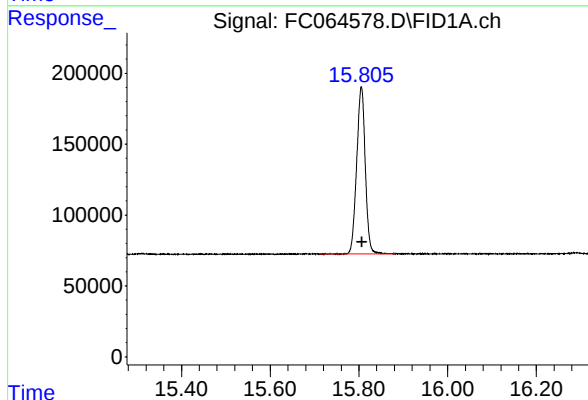
R.T.: 13.690 min
Delta R.T.: -0.002 min
Response: 1696535
Conc: 10.79 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



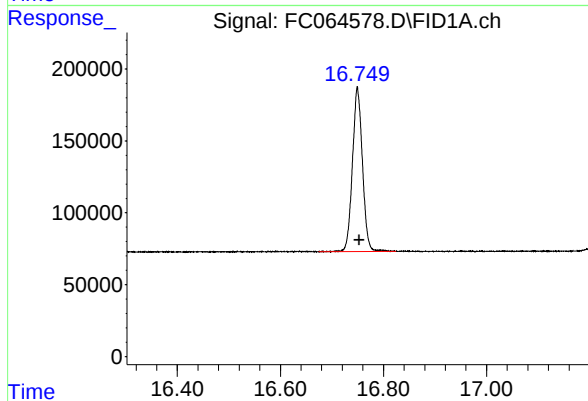
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.003 min
Response: 1649591
Conc: 10.82 ug/ml



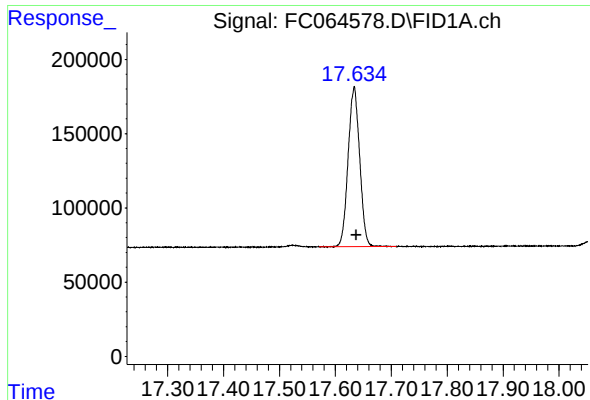
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.001 min
Response: 1585124
Conc: 10.83 ug/ml



#16 n-Octacosane (C28)

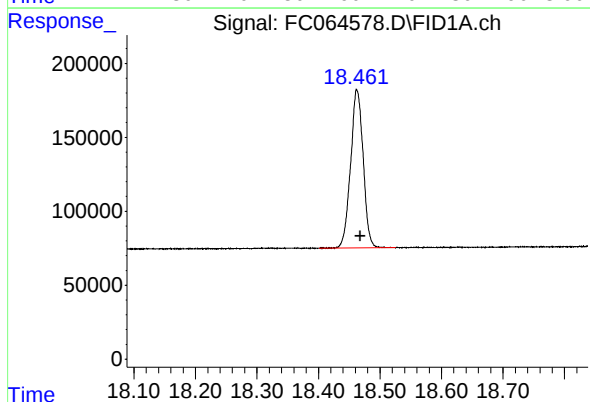
R.T.: 16.749 min
Delta R.T.: -0.004 min
Response: 1537733
Conc: 10.92 ug/ml



#17 n-Tricontane (C30)

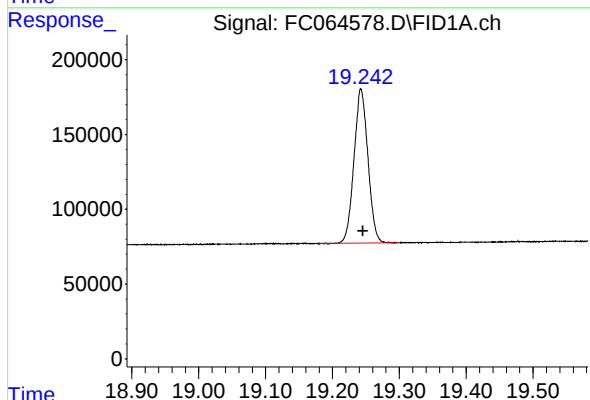
R.T.: 17.634 min
Delta R.T.: -0.003 min
Response: 1547855
Conc: 11.02 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



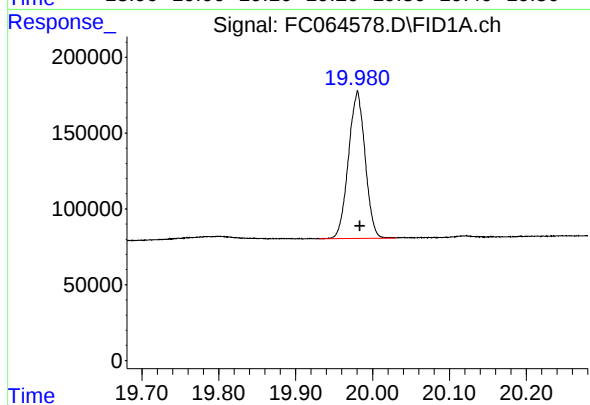
#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.006 min
Response: 1519002
Conc: 11.10 ug/ml



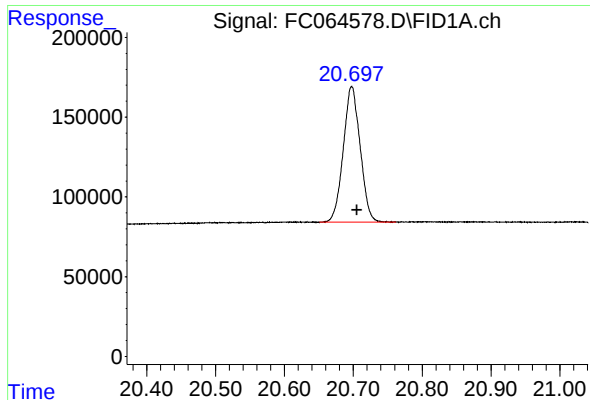
#19 n-Tetatriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.003 min
Response: 1493940
Conc: 11.13 ug/ml



#20 n-Hexatriacontane (C36)

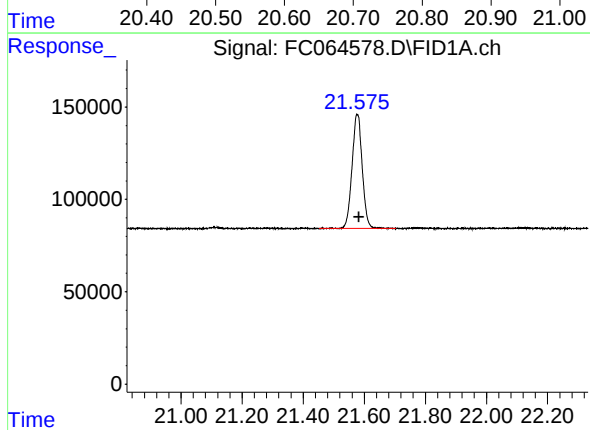
R.T.: 19.980 min
Delta R.T.: -0.003 min
Response: 1457106
Conc: 11.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.698 min
Delta R.T.: -0.007 min
Response: 1450688
Conc: 11.09 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.007 min
Response: 1435013
Conc: 11.01 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
Data File : FC064578.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2023 19:21
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.298	3.278	3.394	VB	212750	1829601	86.67%	4.901%
2	4.359	4.314	4.442	BB	190988	1848836	87.59%	4.953%
3	5.940	5.854	6.104	BB	154271	1893653	89.71%	5.073%
4	6.370	6.322	6.476	BB	180715	1879292	89.03%	5.034%
5	6.994	6.960	7.169	BB	127869	1805070	85.51%	4.835%
6	8.158	8.113	8.264	BB	162729	1829344	86.66%	4.900%
7	9.755	9.722	9.853	BB	166542	1856875	87.97%	4.974%
8	11.191	11.144	11.282	BB	156019	1884312	89.27%	5.048%
9	11.503	11.451	11.596	BB	192452	2110888	100.00%	5.655%
10	12.495	12.441	12.575	BB	146486	1780155	84.33%	4.769%
11	12.937	12.888	13.020	BB	120376	1512280	71.64%	4.051%
12	13.105	13.055	13.182	BB	139463	1728039	81.86%	4.629%
13	13.690	13.637	13.775	BB	138546	1696535	80.37%	4.545%
14	14.788	14.712	14.872	BB	128022	1649591	78.15%	4.419%
15	15.806	15.710	15.883	BB	117733	1585124	75.09%	4.246%
16	16.749	16.675	16.824	BB	114474	1537733	72.85%	4.119%
17	17.634	17.571	17.708	BB	108055	1547855	73.33%	4.146%
18	18.463	18.401	18.526	BB	106808	1519002	71.96%	4.069%
19	19.243	19.180	19.295	BB	103197	1493940	70.77%	4.002%
20	19.980	19.930	20.030	BV	97136	1457106	69.03%	3.903%
21	20.698	20.650	20.762	BB	85046	1450688	68.72%	3.886%
22	21.576	21.452	21.704	BB	61583	1435013	67.98%	3.844%
Sum of corrected areas:						37330932		

Aliphatic EPH 091523.M Fri Sep 15 01:38:26 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064579.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 20:06
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 15 01:25:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:28 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.502	1059274	5.235 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
12) S 1-chlorooctadecane (S...	12.937	756585	5.194 ug/ml
Spiked Amount 50.000		Recovery =	10.39%
Target Compounds			
1) T n-Nonane (C9)	3.300	908600	5.142 ug/ml
2) T n-Decane (C10)	4.360	917970	5.110 ug/ml
3) T A~Naphthalene (C11.7)	5.943	891532	4.746 ug/ml
4) T n-Dodecane (C12)	6.370	933518	5.139 ug/ml
5) T A~2-methylnaphthalene...	6.997	818524	4.590 ug/ml
6) T n-Tetradecane (C14)	8.158	910676	5.132 ug/ml
7) T n-Hexadecane (C16)	9.754	916738	5.100 ug/ml
8) T n-Octadecane (C18)	11.191	945843	5.224 ug/ml
10) T n-Eicosane (C20)	12.495	895447	5.257 ug/ml
11) T n-Heneicosane (C21)	13.104	872410	5.267 ug/ml
13) T n-Docosane (C22)	13.688	866102	5.316 ug/ml
14) T n-Tetracosane (C24)	14.788	856492	5.395 ug/ml
15) T n-Hexacosane (C26)	15.804	827780	5.423 ug/ml
16) T n-Octacosane (C28)	16.749	819601	5.538 ug/ml
17) T n-Tricontane (C30)	17.633	833438	5.610 ug/ml
18) T n-Dotriacontane (C32)	18.461	835932	5.728 ug/ml
19) T n-Tetratriacontane (C34)	19.243	793657	5.583 ug/ml
20) T n-Hexatriacontane (C36)	19.981	751931	5.459 ug/ml
21) T n-Octatriacontane (C38)	20.701	738071	5.385 ug/ml
22) T n-Tetracontane (C40)	21.580	728510	5.356 ug/ml

(f)=RT Delta > 1/2 Window

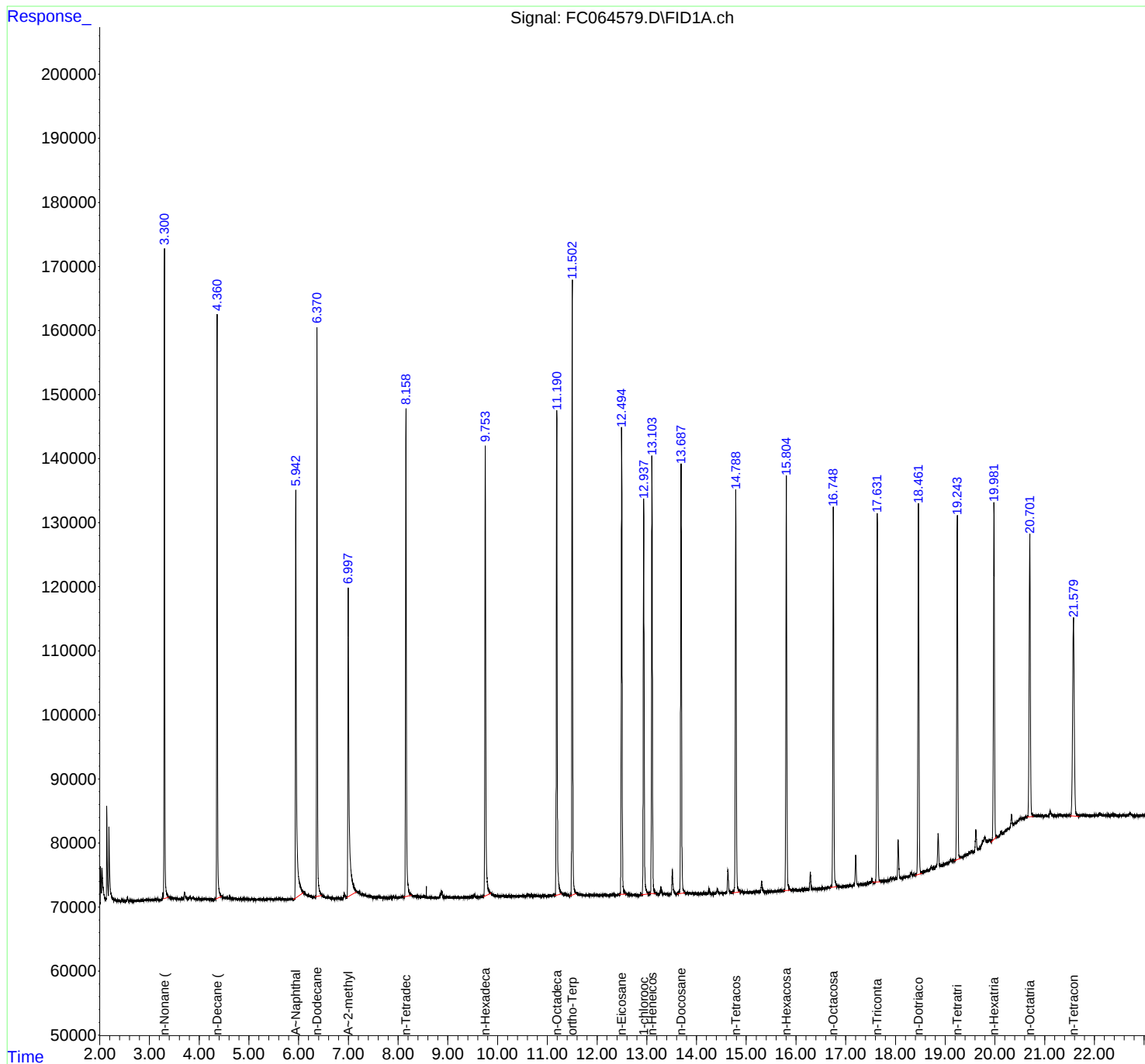
(m)=manual int.

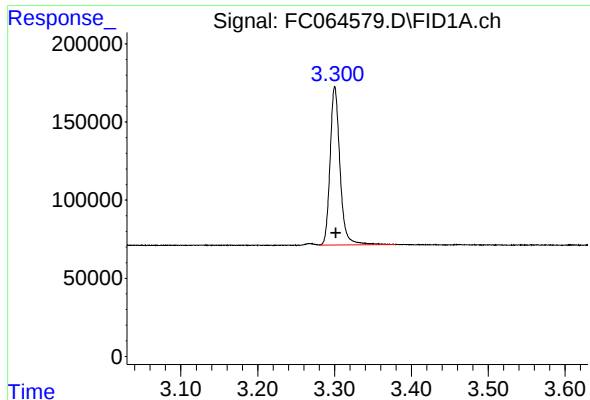
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
Data File : FC064579.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2023 20:06
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Sep 15 01:25:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
Quant Title : GC Extractables
QLast Update : Fri Sep 15 01:25:28 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

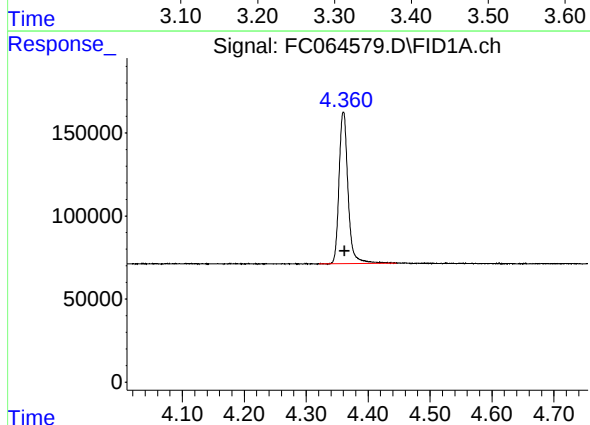




#1 n-Nonane (C9)

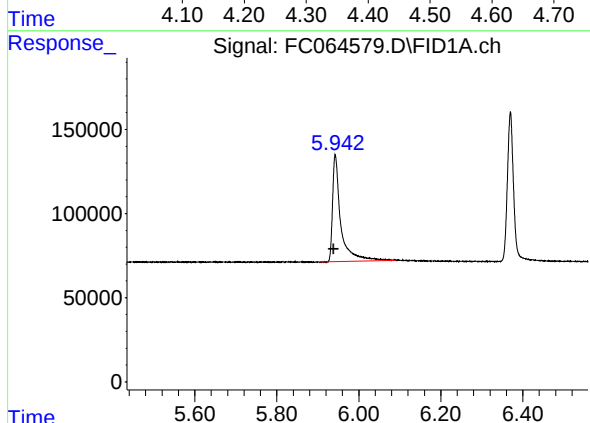
R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 908600
Conc: 5.14 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



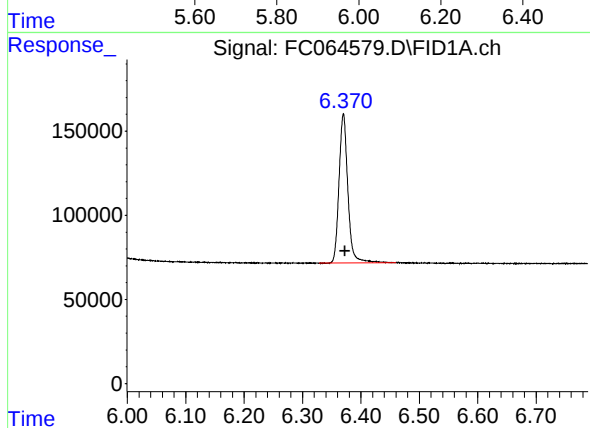
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 917970
Conc: 5.11 ug/ml



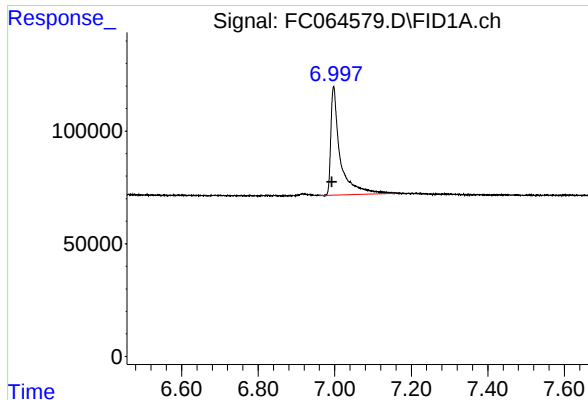
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: 0.004 min
Response: 891532
Conc: 4.75 ug/ml



#4 n-Dodecane (C12)

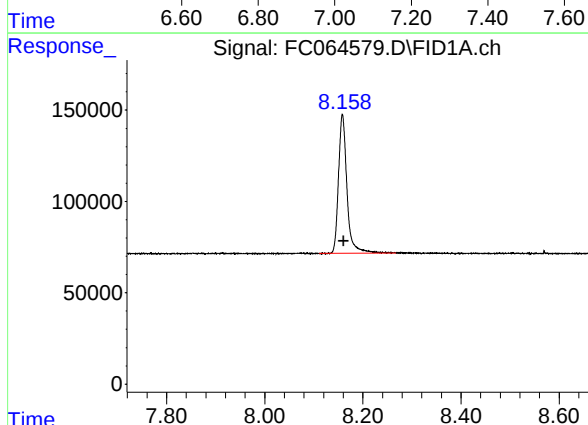
R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 933518
Conc: 5.14 ug/ml



#5 A~2-methylnaphthalene (C12.89)

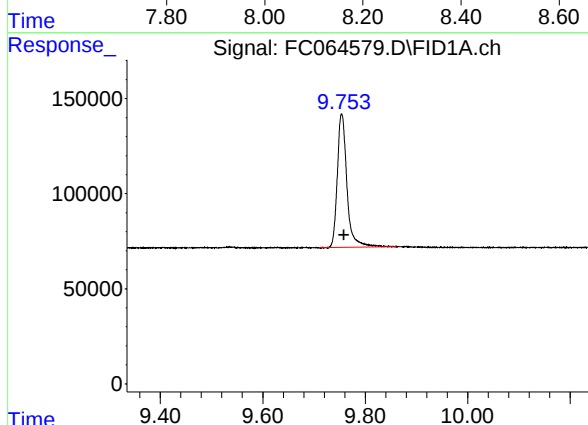
R.T.: 6.997 min
Delta R.T.: 0.005 min
Response: 818524
Conc: 4.59 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



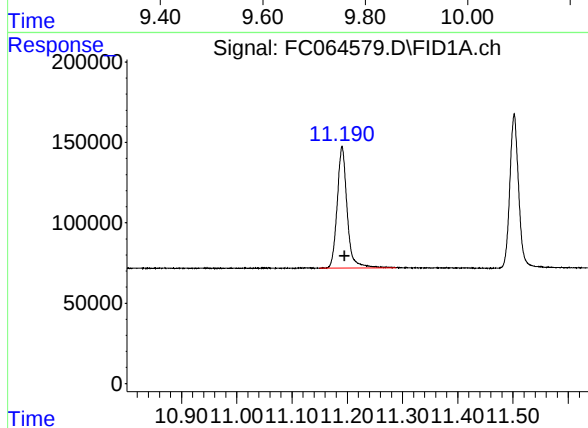
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.003 min
Response: 910676
Conc: 5.13 ug/ml



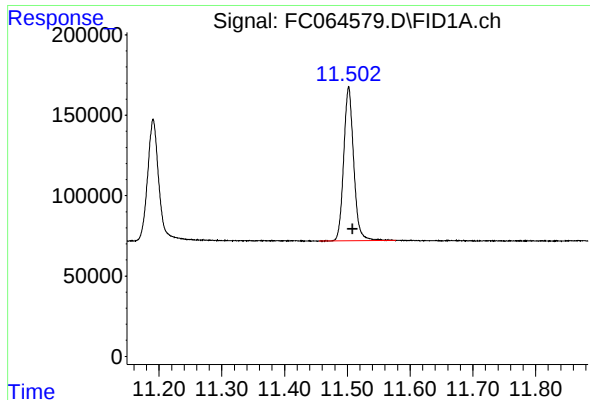
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.004 min
Response: 916738
Conc: 5.10 ug/ml



#8 n-Octadecane (C18)

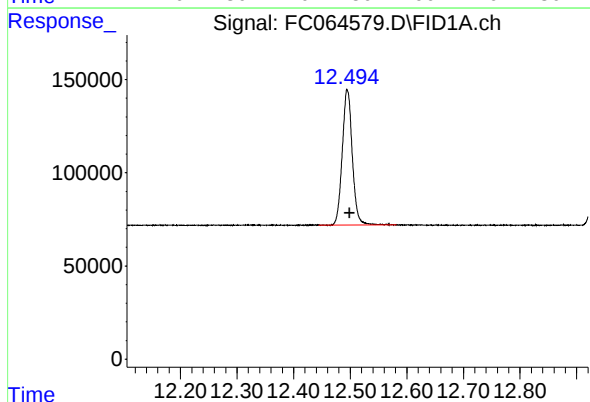
R.T.: 11.191 min
Delta R.T.: -0.005 min
Response: 945843
Conc: 5.22 ug/ml



#9 ortho-Terphenyl (SURR)

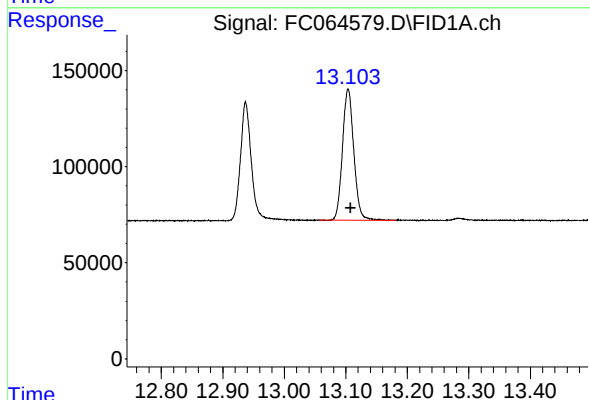
R.T.: 11.502 min
Delta R.T.: -0.006 min
Response: 1059274
Conc: 5.24 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



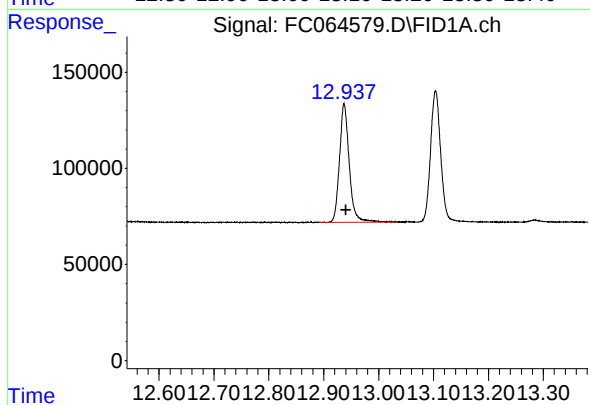
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: -0.004 min
Response: 895447
Conc: 5.26 ug/ml



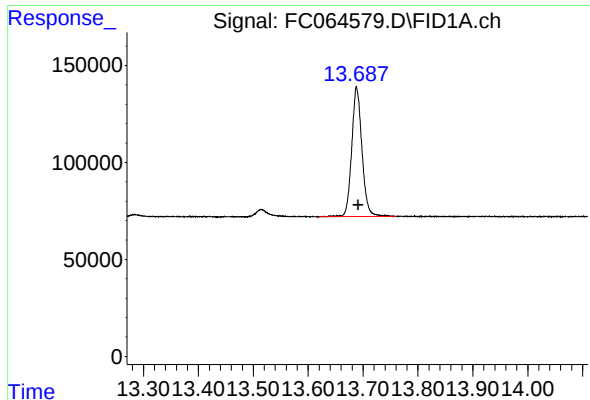
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: -0.004 min
Response: 872410
Conc: 5.27 ug/ml



#12 1-chlorooctadecane (SURR)

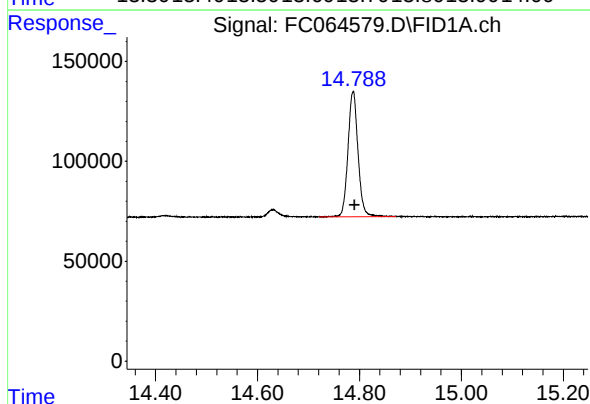
R.T.: 12.937 min
Delta R.T.: -0.003 min
Response: 756585
Conc: 5.19 ug/ml



#13 n-Docosane (C22)

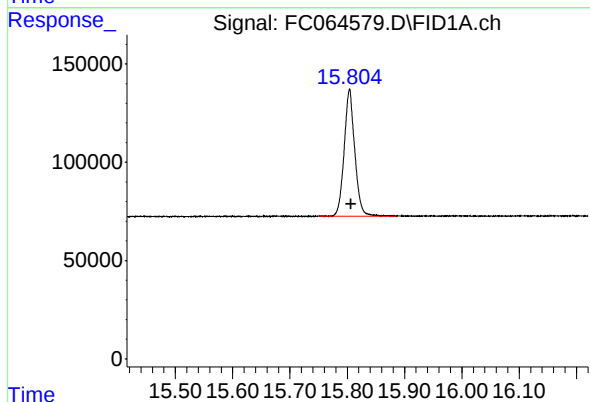
R.T.: 13.688 min
Delta R.T.: -0.004 min
Response: 866102
Conc: 5.32 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



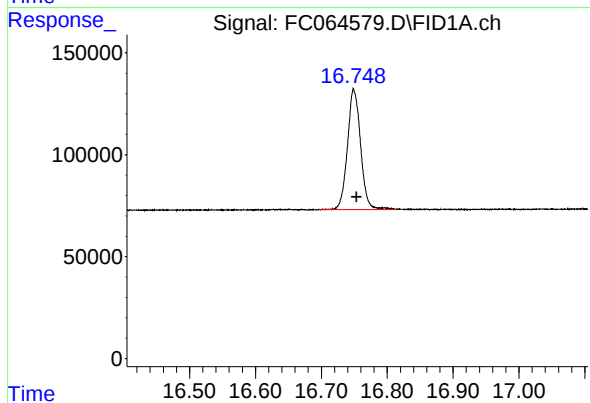
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.002 min
Response: 856492
Conc: 5.39 ug/ml



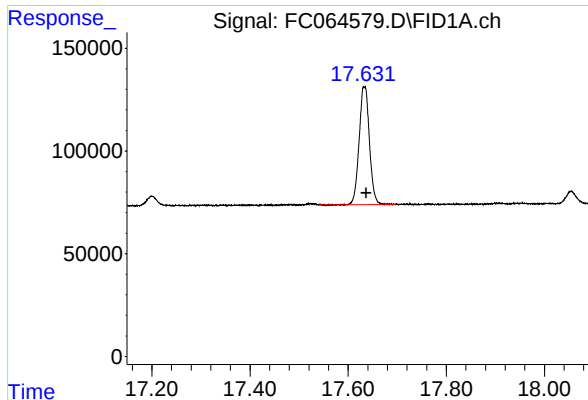
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.003 min
Response: 827780
Conc: 5.42 ug/ml



#16 n-Octacosane (C28)

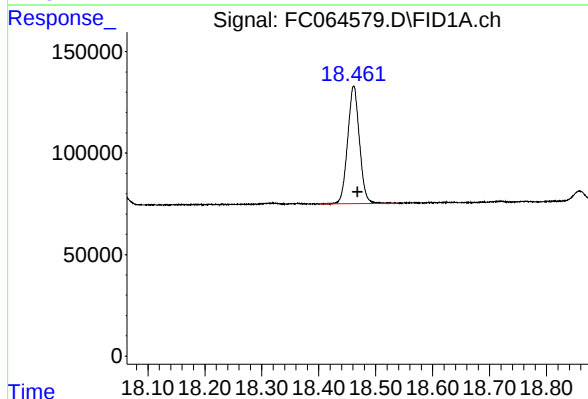
R.T.: 16.749 min
Delta R.T.: -0.005 min
Response: 819601
Conc: 5.54 ug/ml



#17 n-Tricontane (C30)

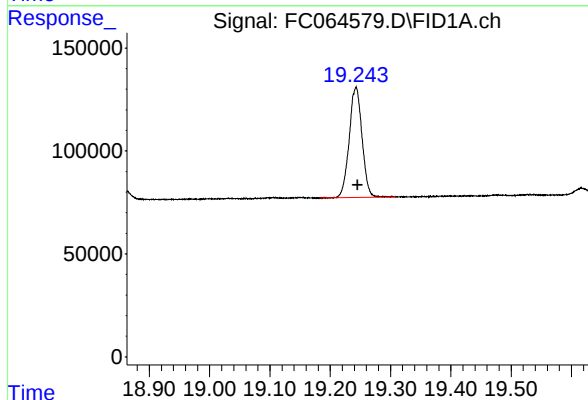
R.T.: 17.633 min
Delta R.T.: -0.005 min
Response: 833438
Conc: 5.61 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



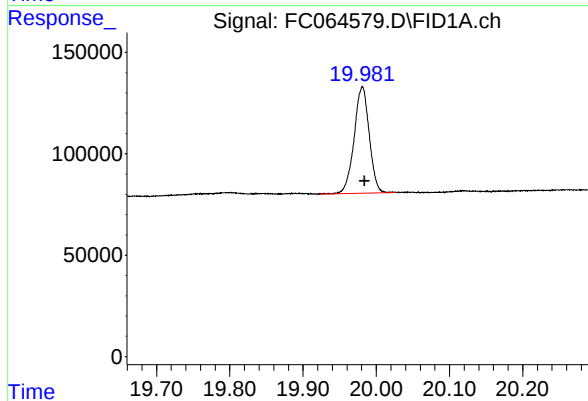
#18 n-Dotriacontane (C32)

R.T.: 18.461 min
Delta R.T.: -0.007 min
Response: 835932
Conc: 5.73 ug/ml



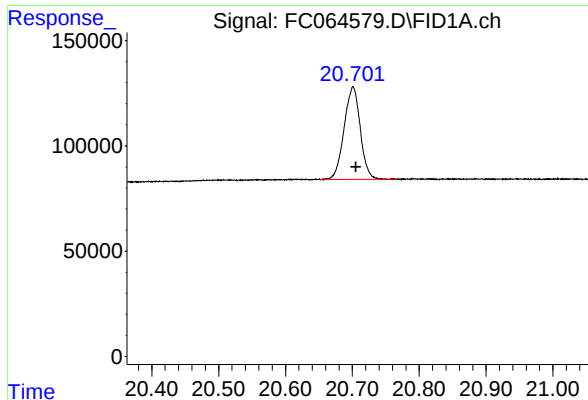
#19 n-Tetatriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.003 min
Response: 793657
Conc: 5.58 ug/ml



#20 n-Hexatriacontane (C36)

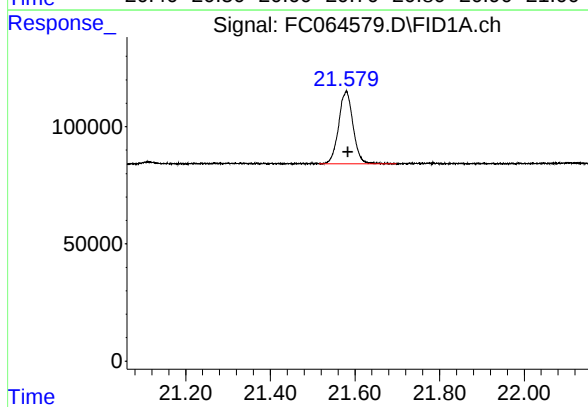
R.T.: 19.981 min
Delta R.T.: -0.003 min
Response: 751931
Conc: 5.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.004 min
Response: 738071
Conc: 5.39 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.003 min
Response: 728510
Conc: 5.36 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064579.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 20:06
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.300	3.280	3.380	VB	101503	908600	85.78%	4.813%
2	4.360	4.321	4.445	BB	91183	917970	86.66%	4.862%
3	5.943	5.903	6.091	BB	63651	891532	84.16%	4.722%
4	6.370	6.328	6.460	BB	88816	933518	88.13%	4.945%
5	6.997	6.959	7.160	BB	48188	818524	77.27%	4.336%
6	8.158	8.111	8.267	BB	76189	910676	85.97%	4.824%
7	9.754	9.710	9.860	BB	70252	916738	86.54%	4.856%
8	11.191	11.149	11.288	BB	75589	945843	89.29%	5.010%
9	11.502	11.455	11.577	BB	96045	1059274	100.00%	5.611%
10	12.495	12.445	12.581	BB	72506	895447	84.53%	4.743%
11	12.937	12.892	13.032	BB	61572	756585	71.42%	4.008%
12	13.104	13.057	13.182	BB	68221	872410	82.36%	4.621%
13	13.688	13.620	13.760	BB	66713	866102	81.76%	4.588%
14	14.788	14.721	14.872	BB	62850	856492	80.86%	4.537%
15	15.804	15.751	15.885	BB	64694	827780	78.15%	4.385%
16	16.749	16.697	16.813	BB	58995	819601	77.37%	4.341%
17	17.633	17.541	17.697	BB	57046	833438	78.68%	4.415%
18	18.461	18.401	18.536	BB	57880	835932	78.92%	4.428%
19	19.243	19.182	19.309	BB	53672	793657	74.92%	4.204%
20	19.981	19.922	20.027	BV	52537	751931	70.99%	3.983%
21	20.701	20.650	20.765	BV	43968	738071	69.68%	3.910%
22	21.580	21.515	21.697	BV	30907	728510	68.77%	3.859%
Sum of corrected areas:						18878631		

Aliphatic EPH 091523.M Fri Sep 15 01:38:55 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064580.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 21:36
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 15 01:30:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.504	4118643	20.355 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
12) S 1-chlorooctadecane (S...	12.937	2971944	20.404 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T n-Nonane (C9)	3.301	3628908	20.535 ug/ml
2) T n-Decane (C10)	4.360	3699493	20.593 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3905984	20.791 ug/ml
4) T n-Dodecane (C12)	6.370	3715334	20.455 ug/ml
5) T A~2-methylnaphthalene...	6.992	3727388	20.901 ug/ml
6) T n-Tetradecane (C14)	8.159	3609981	20.345 ug/ml
7) T n-Hexadecane (C16)	9.754	3663119	20.378 ug/ml
8) T n-Octadecane (C18)	11.190	3685341	20.355 ug/ml
10) T n-Eicosane (C20)	12.494	3462823	20.329 ug/ml
11) T n-Heneicosane (C21)	13.104	3369458	20.344 ug/ml
13) T n-Docosane (C22)	13.689	3313618	20.340 ug/ml
14) T n-Tetracosane (C24)	14.787	3227115	20.327 ug/ml
15) T n-Hexacosane (C26)	15.805	3101897	20.321 ug/ml
16) T n-Octacosane (C28)	16.749	2997058	20.251 ug/ml
17) T n-Tricontane (C30)	17.633	3016616	20.306 ug/ml
18) T n-Dotriacontane (C32)	18.462	2957889	20.268 ug/ml
19) T n-Tetratriacontane (C34)	19.244	2892249	20.344 ug/ml
20) T n-Hexatriacontane (C36)	19.980	2807370	20.383 ug/ml
21) T n-Octatriacontane (C38)	20.702	2799945	20.430 ug/ml
22) T n-Tetracontane (C40)	21.579	2778801	20.428 ug/ml

(f)=RT Delta > 1/2 Window

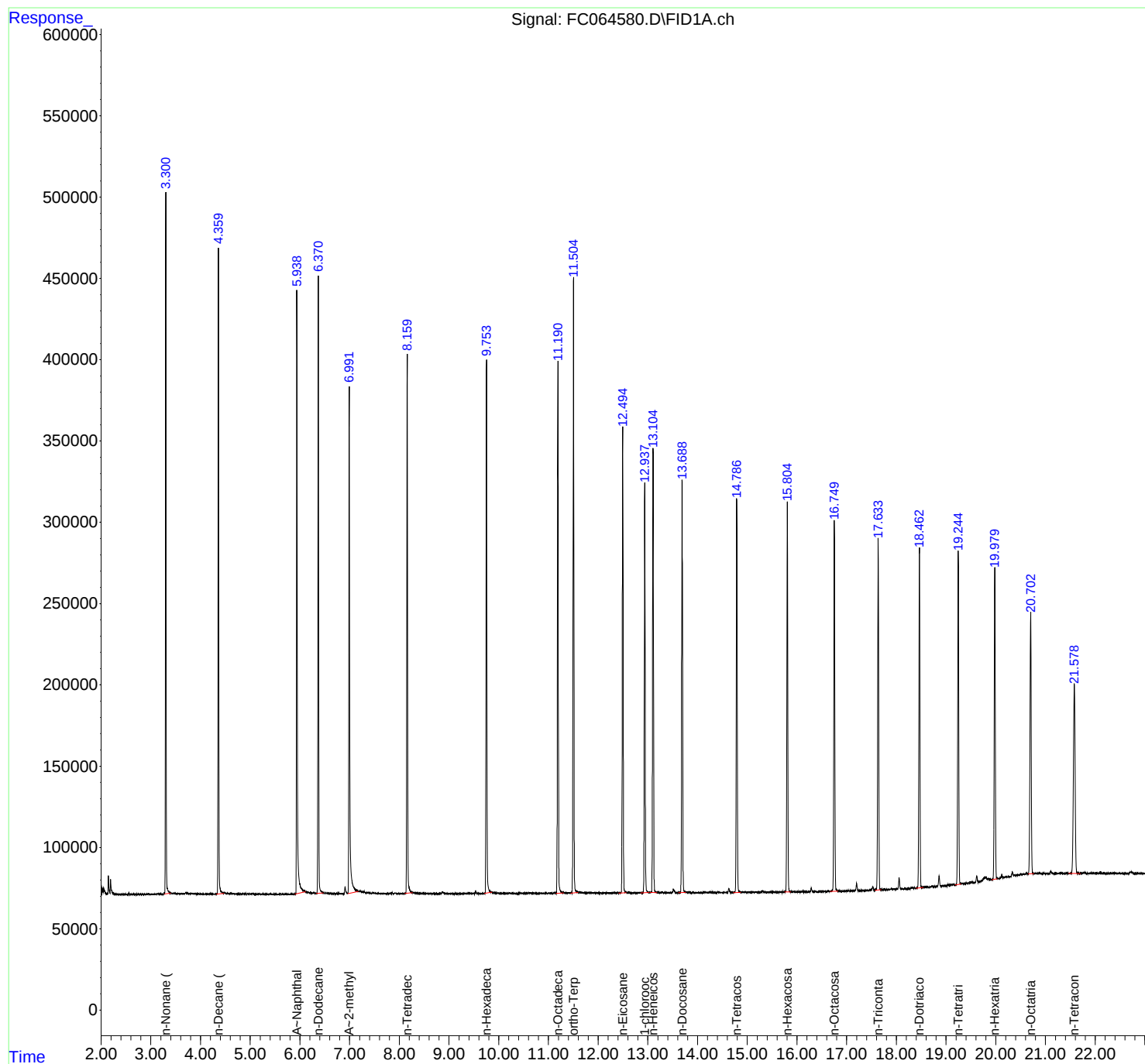
(m)=manual int.

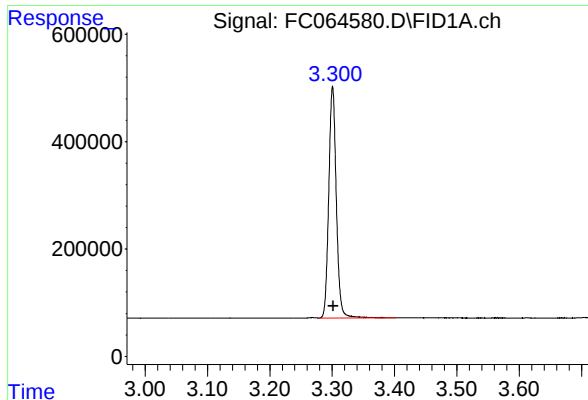
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
Data File : FC064580.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2023 21:36
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Sep 15 01:30:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
Quant Title : GC Extractables
QLast Update : Fri Sep 15 01:25:53 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

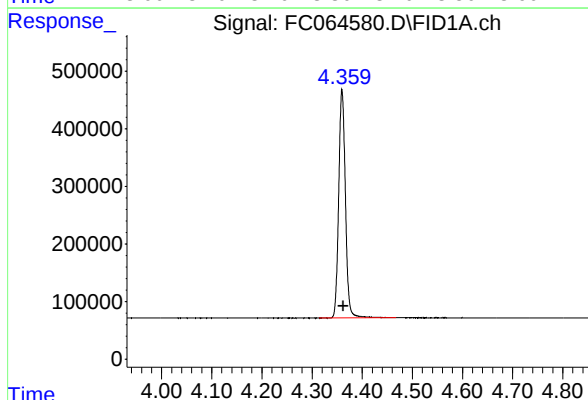




#1 n-Nonane (C9)

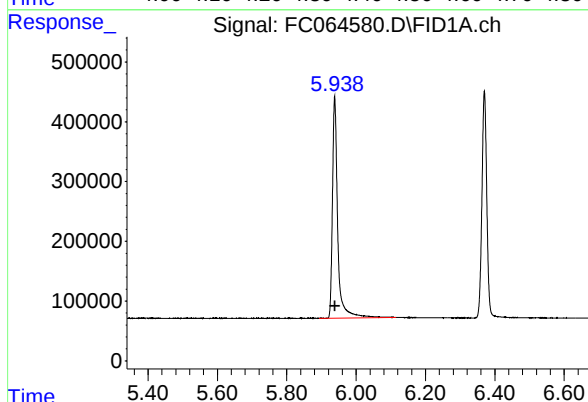
R.T.: 3.301 min
Delta R.T.: -0.001 min
Response: 3628908
Conc: 20.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



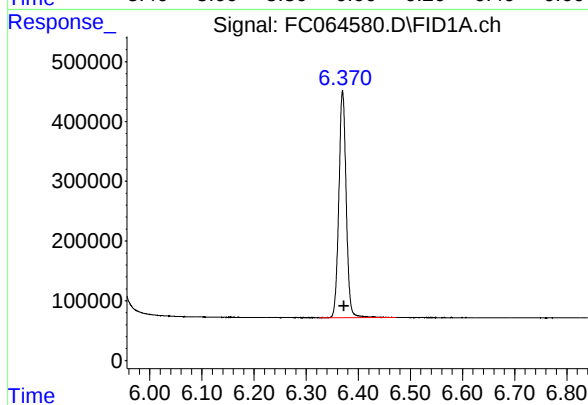
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 3699493
Conc: 20.59 ug/ml



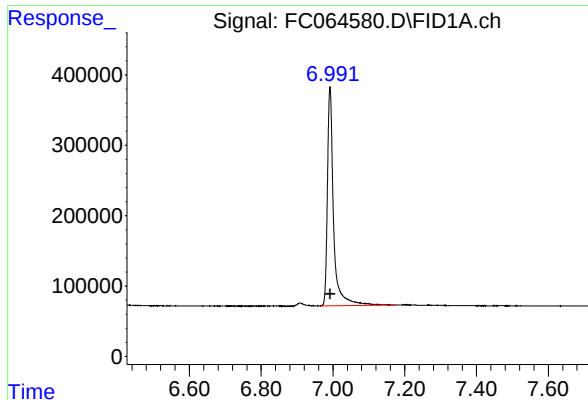
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 3905984
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

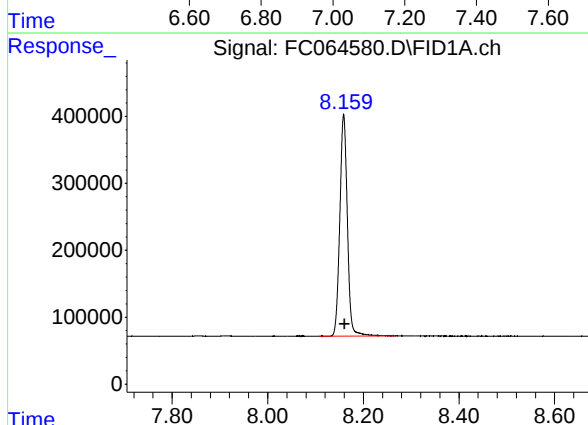
R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 3715334
Conc: 20.45 ug/ml



#5 A~2-methylnaphthalene (C12.89)

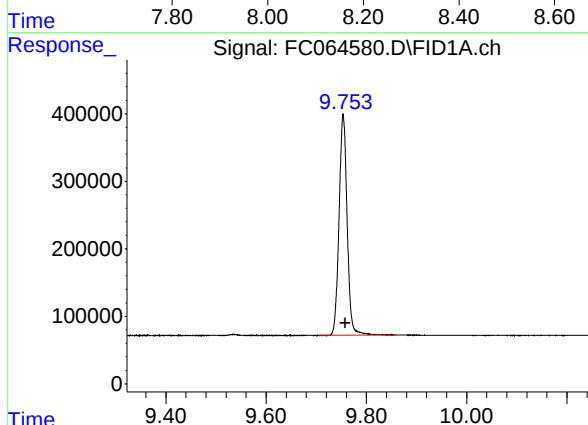
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 3727388
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



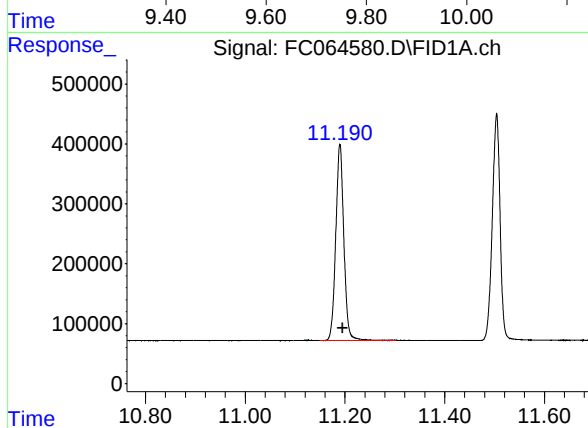
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.002 min
Response: 3609981
Conc: 20.34 ug/ml



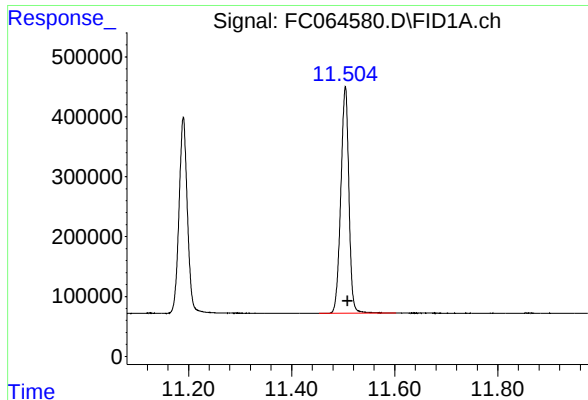
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.005 min
Response: 3663119
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

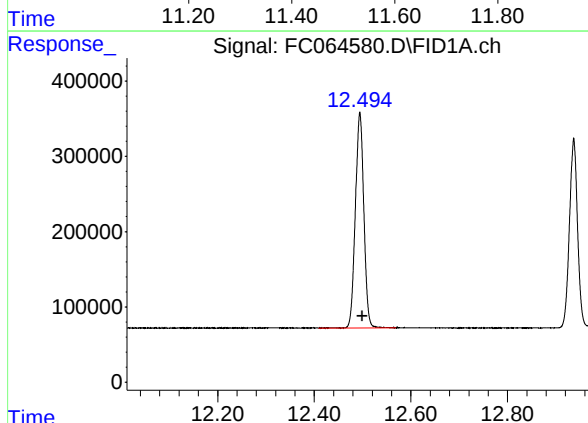
R.T.: 11.190 min
Delta R.T.: -0.006 min
Response: 3685341
Conc: 20.35 ug/ml



#9 ortho-Terphenyl (SURR)

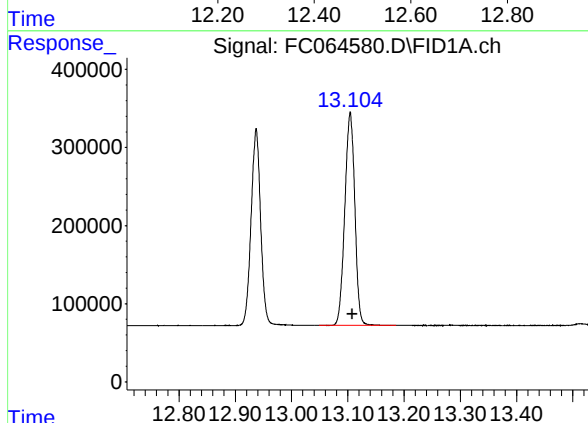
R.T.: 11.504 min
Delta R.T.: -0.004 min
Response: 4118643
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



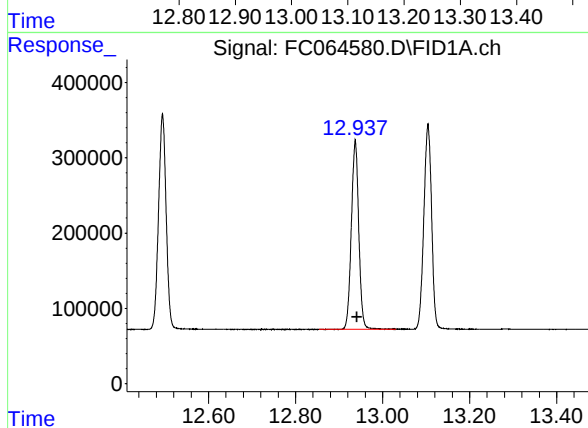
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: -0.005 min
Response: 3462823
Conc: 20.33 ug/ml



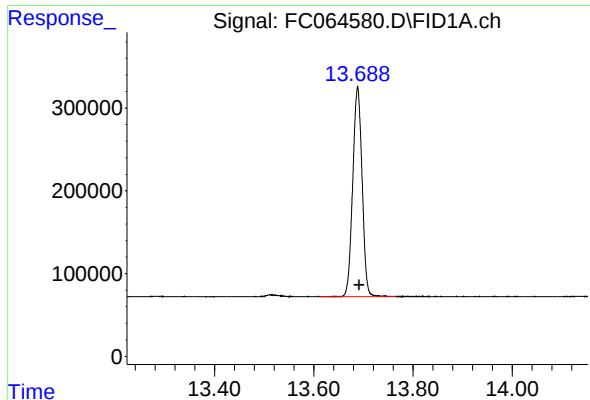
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: -0.004 min
Response: 3369458
Conc: 20.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.937 min
Delta R.T.: -0.003 min
Response: 2971944
Conc: 20.40 ug/ml



#13 n-Docosane (C22)

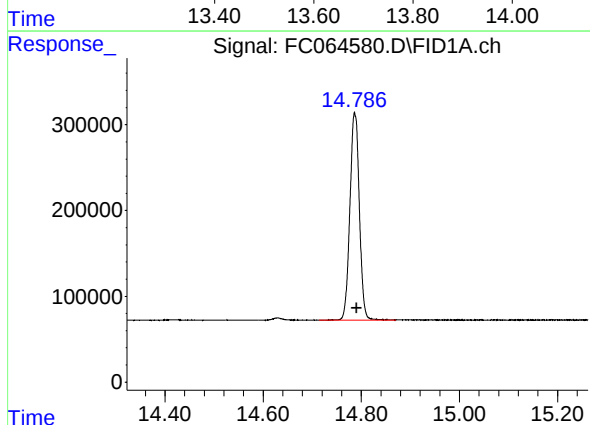
R.T.: 13.689 min
Delta R.T.: -0.003 min
Response: 3313618
Conc: 20.34 ug/ml

Instrument :

FID_C

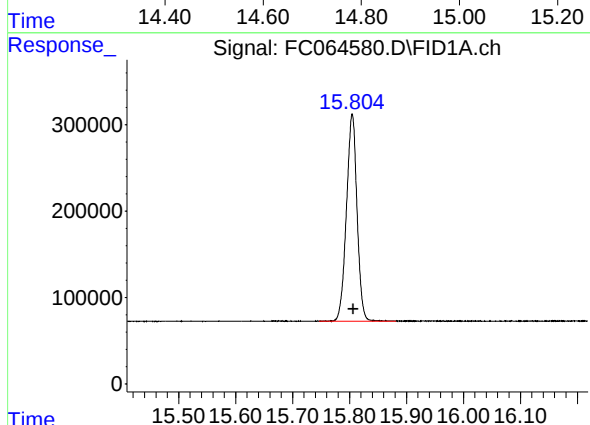
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



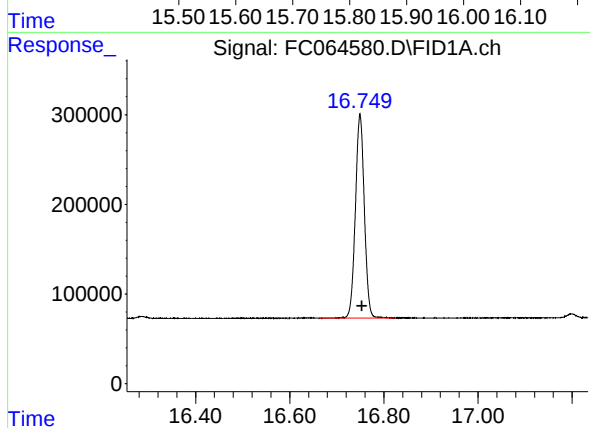
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.004 min
Response: 3227115
Conc: 20.33 ug/ml



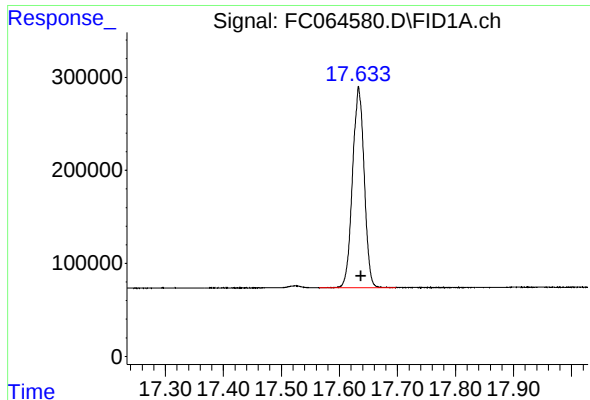
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.002 min
Response: 3101897
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.749 min
Delta R.T.: -0.004 min
Response: 2997058
Conc: 20.25 ug/ml



#17 n-Tricontane (C30)

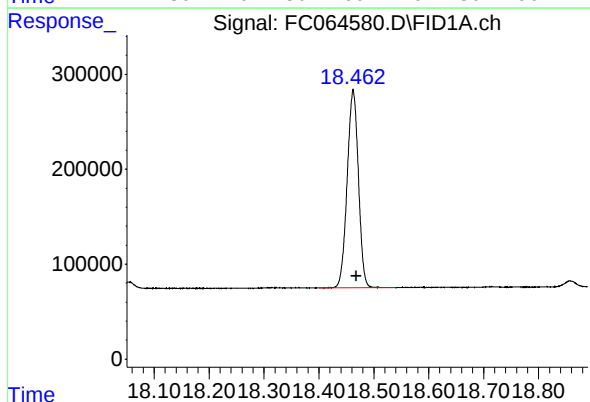
R.T.: 17.633 min
Delta R.T.: -0.004 min
Response: 3016616
Conc: 20.31 ug/ml

Instrument :

FID_C

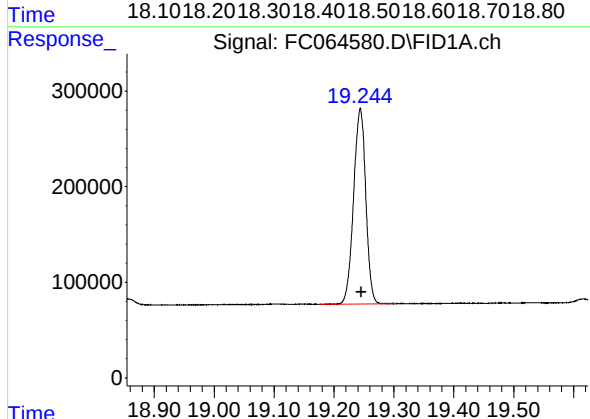
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



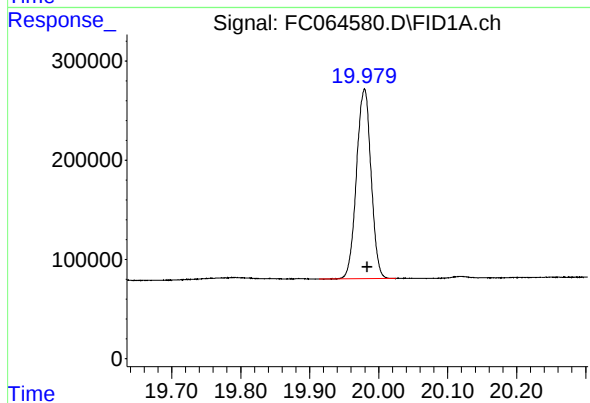
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: -0.006 min
Response: 2957889
Conc: 20.27 ug/ml



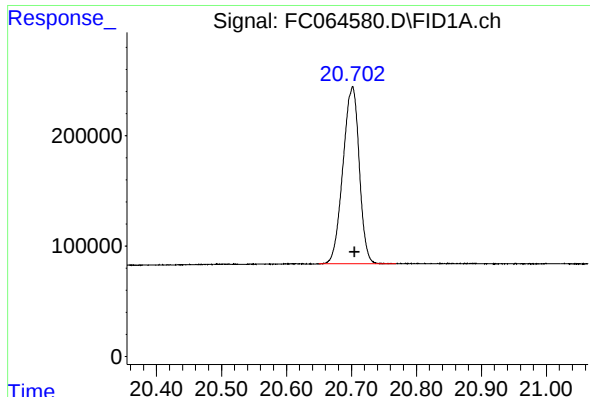
#19 n-Tetratriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.002 min
Response: 2892249
Conc: 20.34 ug/ml



#20 n-Hexatriacontane (C36)

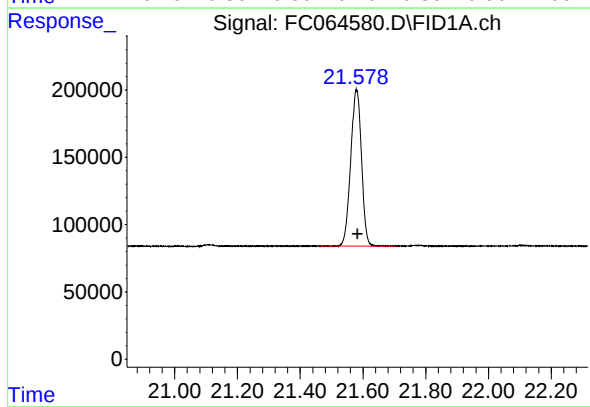
R.T.: 19.980 min
Delta R.T.: -0.004 min
Response: 2807370
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.003 min
Response: 2799945
Conc: 20.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: -0.004 min
Response: 2778801
Conc: 20.43 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
Data File : FC064580.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2023 21:36
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.301	3.279	3.402	VB	431059	3628908	88.11%	4.941%
2	4.360	4.314	4.467	BB	395870	3699493	89.82%	5.037%
3	5.938	5.893	6.115	BB	370864	3905984	94.84%	5.318%
4	6.370	6.325	6.472	BB	379733	3715334	90.21%	5.058%
5	6.992	6.961	7.176	PB	310829	3727388	90.50%	5.075%
6	8.159	8.107	8.268	BB	331637	3609981	87.65%	4.915%
7	9.754	9.706	9.859	BB	327507	3663119	88.94%	4.987%
8	11.190	11.148	11.302	BB	327004	3685341	89.48%	5.017%
9	11.504	11.453	11.602	BB	377901	4118643	100.00%	5.607%
10	12.494	12.410	12.569	BB	286565	3462823	84.08%	4.714%
11	12.937	12.854	13.031	BB	252055	2971944	72.16%	4.046%
12	13.104	13.049	13.186	BB	273902	3369458	81.81%	4.587%
13	13.689	13.611	13.766	BB	253430	3313618	80.45%	4.511%
14	14.787	14.714	14.871	BB	241512	3227115	78.35%	4.394%
15	15.805	15.746	15.881	BB	239965	3101897	75.31%	4.223%
16	16.749	16.662	16.826	BV	227850	2997058	72.77%	4.080%
17	17.633	17.565	17.697	BB	215736	3016616	73.24%	4.107%
18	18.462	18.400	18.540	BB	208477	2957889	71.82%	4.027%
19	19.244	19.175	19.304	BB	204690	2892249	70.22%	3.938%
20	19.980	19.914	20.025	BV	191728	2807370	68.16%	3.822%
21	20.702	20.650	20.769	BB	160822	2799945	67.98%	3.812%
22	21.579	21.460	21.705	BB	116180	2778801	67.47%	3.783%
Sum of corrected areas:						73450975		

Aliphatic EPH 091523.M Fri Sep 15 01:39:35 2023