

Initial Calibration Report for SequenceID : FC010824AL

AreaCount

Parameter Range	FC065551.D	FC065552.D	FC065553.D	FC065554.D	FC065555.D	
Aliphatic C9-C12	46672851.000	23880569.000	10052494.000	4671202.000	2300894.000	
Aliphatic C12-C16	30937347.000	15910317.000	6795441.000	3105239.000	1529763.000	
Aliphatic C16-C21	45566747.000	23721825.000	10329122.000	4692092.000	2420191.000	
Aliphatic C21-C28	58405055.000	30333188.000	13254395.000	6024951.000	3115405.000	
Aliphatic C28-C40	82943304.000	41851319.000	17846346.000	8662843.000	4408815.000	
Aliphatic EPH	264525304.000	135697218.000	58277798.000	27156327.000	13775068.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	158284.239333	3.524				
Aliphatic C12-C16	158382.836	4.299				
Aliphatic C16-C21	159987.1646662	4.757				
Aliphatic C21-C28	153950.508	4.819				
Aliphatic C28-C40	143560.8006664	3.185				
Aliphatic EPH	152708.1511108	3.653				

Concentration

Parameter Range	FC065551.D	FC065552.D	FC065553.D	FC065554.D	FC065555.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	FC065551.D	FC065552.D	FC065553.D	FC065554.D	FC065555.D	
Aliphatic C9-C12	155576.170000	159203.793333	167541.566666	155706.733333	153392.933333	
Aliphatic C12-C16	154686.735000	159103.170000	169886.025000	155261.950000	152976.300000	
Aliphatic C16-C21	151889.156666	158145.500000	172152.033333	156403.066666	161346.066666	
Aliphatic C21-C28	146012.637500	151665.940000	165679.937500	150623.775000	155770.250000	
Aliphatic C28-C40	138238.840000	139504.396666	148719.550000	144380.716666	146960.500000	



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

Initial Calibration Report for SequenceID : FC010824AL

Aliphatic EPH	146958.502222	150774.686666	161882.772222	150868.483333	153056.311111	
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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
 Data File : FC065551.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jan 2024 12:01
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:08:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 14:04:02 2024
 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)	11.500	17378622	94.647 ug/ml
Spiked Amount 50.000		Recovery =	189.29%
12) S 1-chlorooctadecane (S...	12.928	12880931	93.908 ug/ml
Spiked Amount 50.000		Recovery =	187.82%
Target Compounds			
1) T n-Nonane (C9)	3.288	15335966	96.346 ug/ml
2) T n-Decane (C10)	4.352	15651343	96.793 ug/ml
3) T A~Naphthalene (C11.7)	5.934	17462972	99.150 ug/ml
4) T n-Dodecane (C12)	6.366	15685542	95.759 ug/ml
5) T A~2-methylnaphthalene...	6.989	16779740	100.099 ug/ml
6) T n-Tetradecane (C14)	8.154	15342937	95.597 ug/ml
7) T n-Hexadecane (C16)	9.750	15594410	95.043 ug/ml
8) T n-Octadecane (C18)	11.185	15682507	94.288 ug/ml
10) T n-Eicosane (C20)	12.487	15052020	93.473 ug/ml
11) T n-Heneicosane (C21)	13.096	14832220	93.457 ug/ml
13) T n-Docosane (C22)	13.679	14761474	93.370 ug/ml
14) T n-Tetracosane (C24)	14.777	14733987	93.518 ug/ml
15) T n-Hexacosane (C26)	15.793	14576411	93.772 ug/ml
16) T n-Octacosane (C28)	16.738	14333183	94.116 ug/ml
17) T n-Tricontane (C30)	17.620	14503658	94.664 ug/ml
18) T n-Dotriacontane (C32)	18.449	14196979	94.676 ug/ml
19) T n-Tetratriacontane (C34)	19.229	13868193	96.393 ug/ml
20) T n-Hexatriacontane (C36)	19.966	13525599	97.682 ug/ml
21) T n-Octatriacontane (C38)	20.683	13468313	97.592 ug/ml
22) T n-Tetracontane (C40)	21.558	13380562	97.408 ug/ml

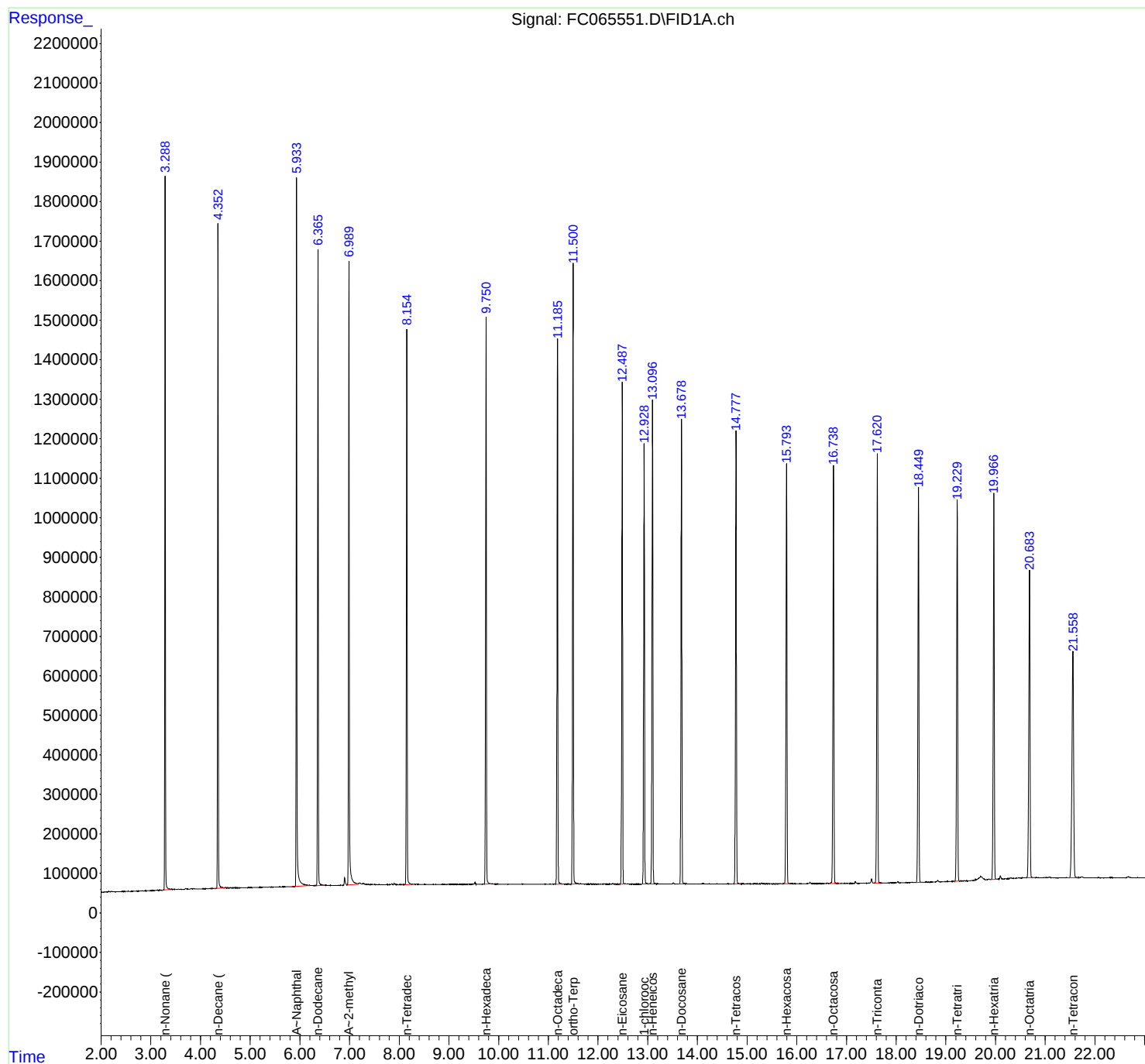
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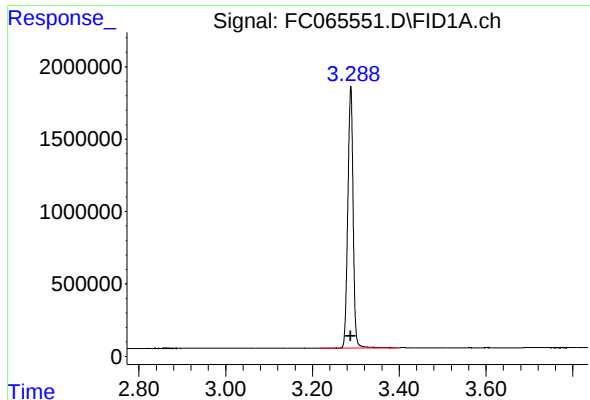
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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065551.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 12:01
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 14:08:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 14:04:02 2024
Response via : Initial Calibration
Integrator: ChemStation

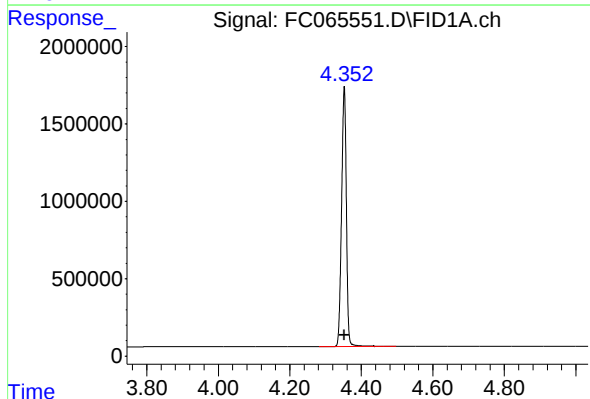
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





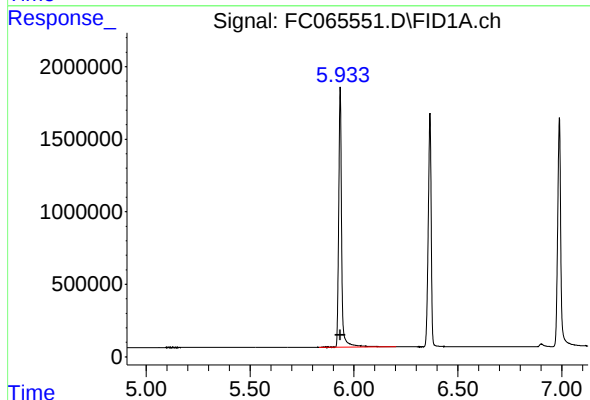
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 15335966
Conc: 96.35 ug/ml



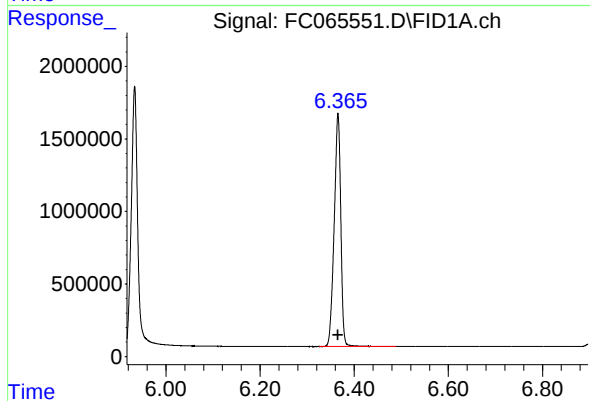
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 15651343
Conc: 96.79 ug/ml



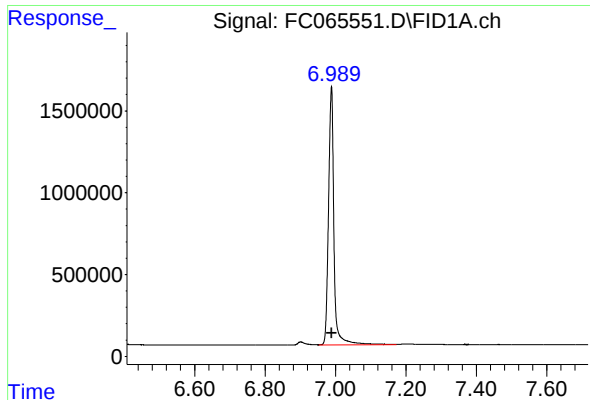
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 17462972
Conc: 99.15 ug/ml



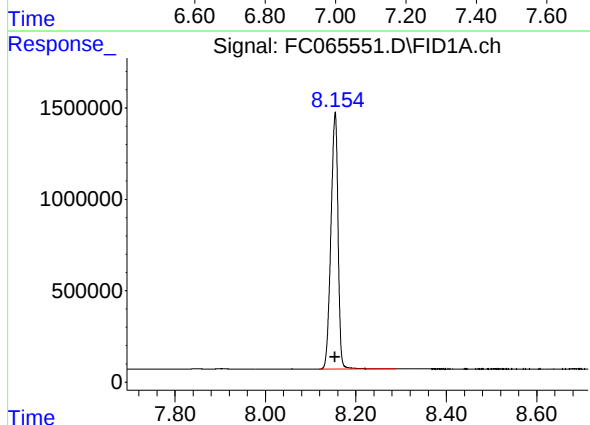
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 15685542
Conc: 95.76 ug/ml



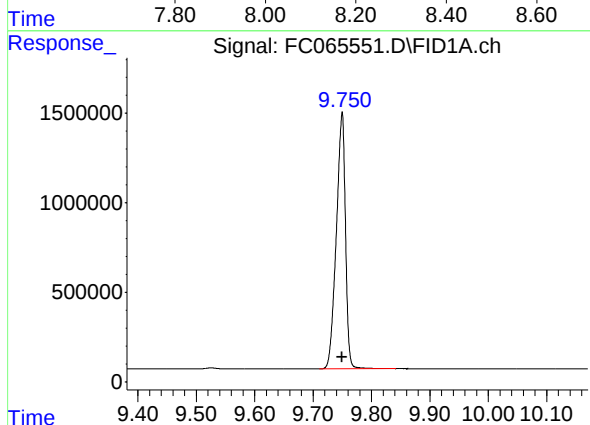
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 16779740
Conc: 100.10 ug/ml



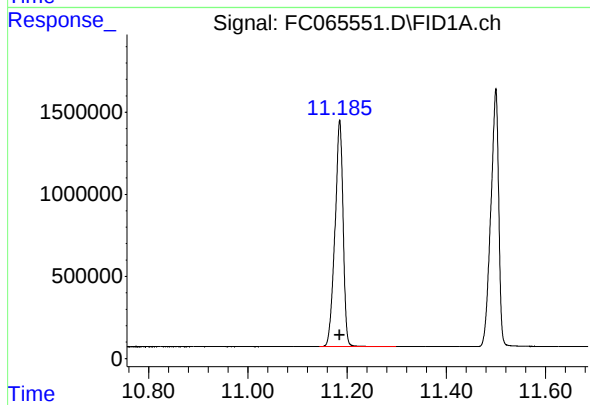
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 15342937
Conc: 95.60 ug/ml



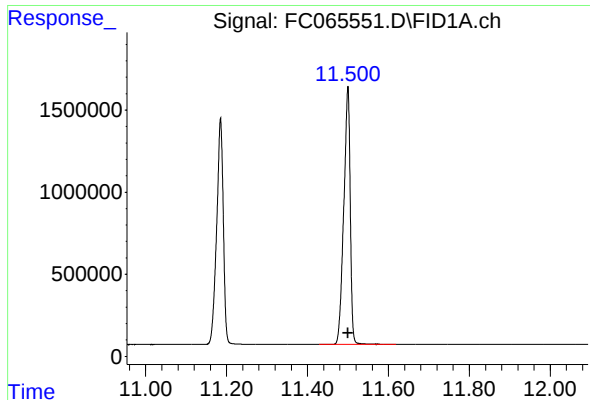
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.000 min
Response: 15594410
Conc: 95.04 ug/ml



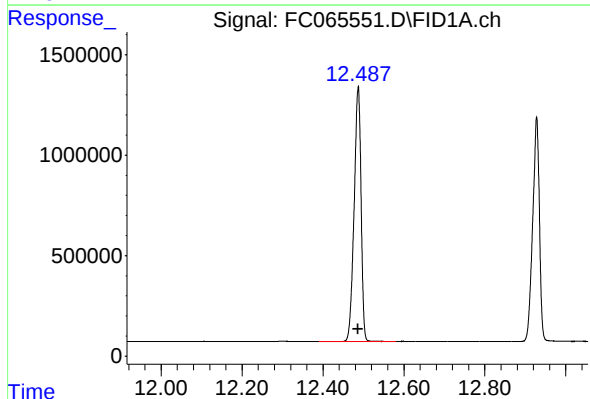
#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: 0.000 min
Response: 15682507
Conc: 94.29 ug/ml



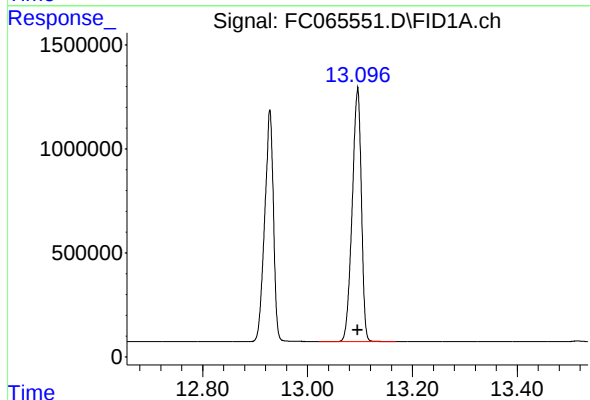
#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: 0.000 min
Response: 17378622
Conc: 94.65 ug/ml



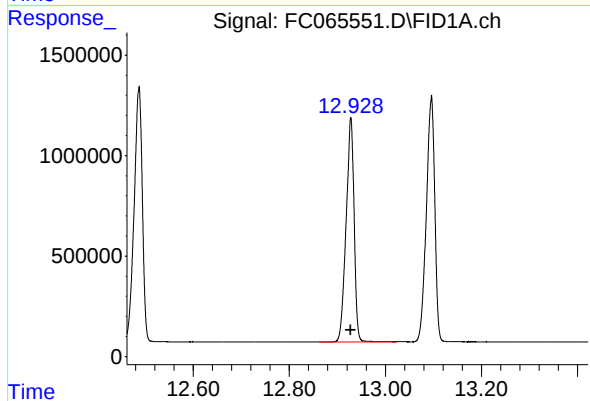
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: 0.000 min
Response: 15052020
Conc: 93.47 ug/ml



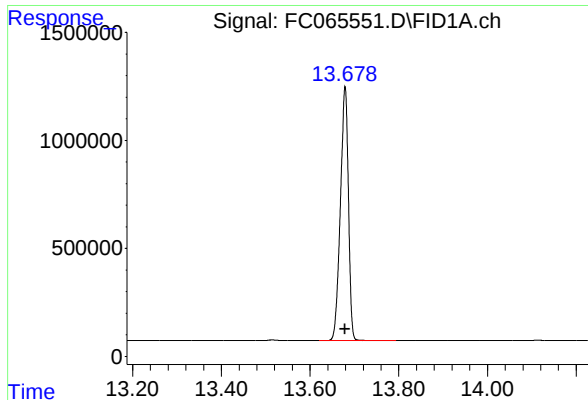
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: 0.000 min
Response: 14832220
Conc: 93.46 ug/ml



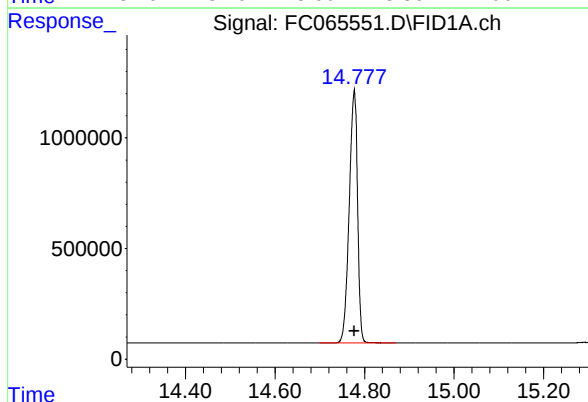
#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: 0.000 min
Response: 12880931
Conc: 93.91 ug/ml



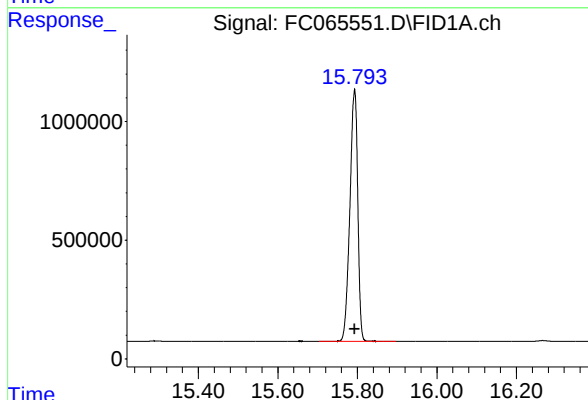
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 14761474
Conc: 93.37 ug/ml



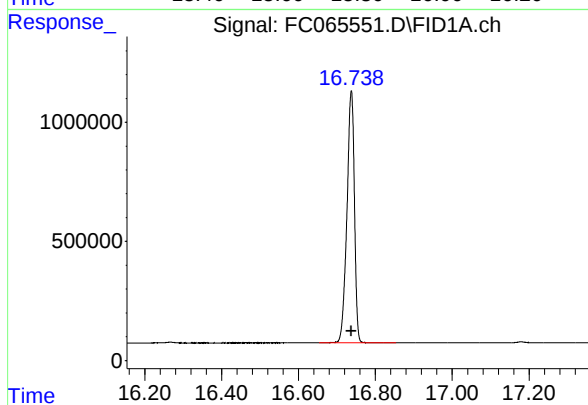
#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: 0.000 min
Response: 14733987
Conc: 93.52 ug/ml



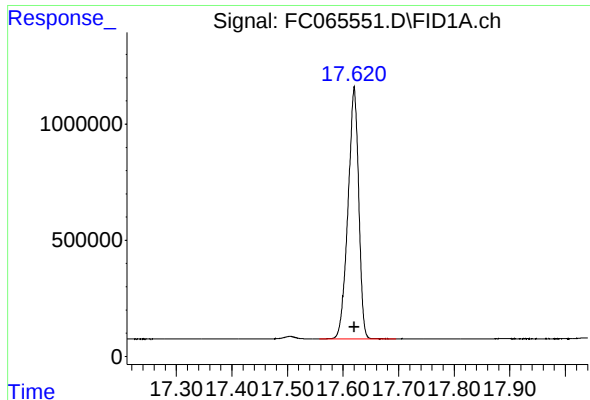
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: 0.000 min
Response: 14576411
Conc: 93.77 ug/ml



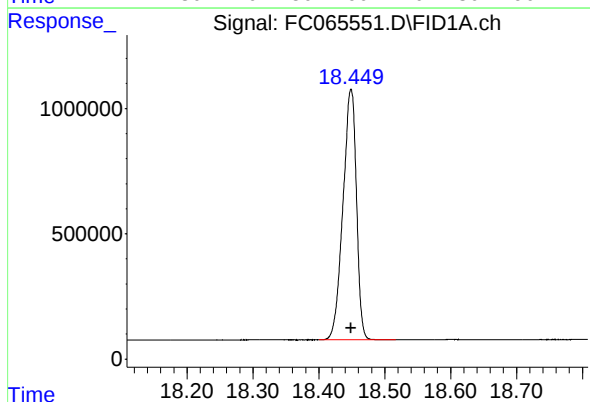
#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: 0.000 min
Response: 14333183
Conc: 94.12 ug/ml



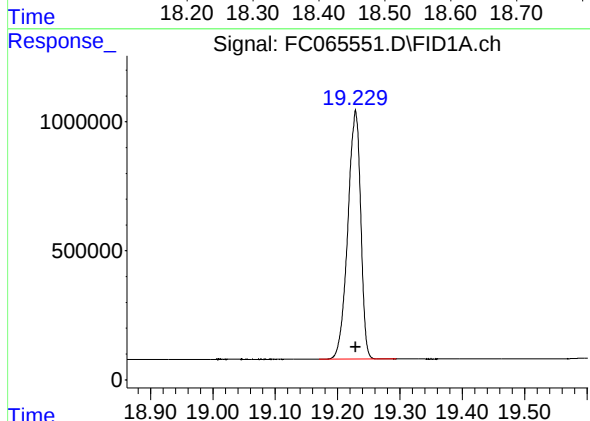
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: 0.000 min
Response: 14503658
Conc: 94.66 ug/ml



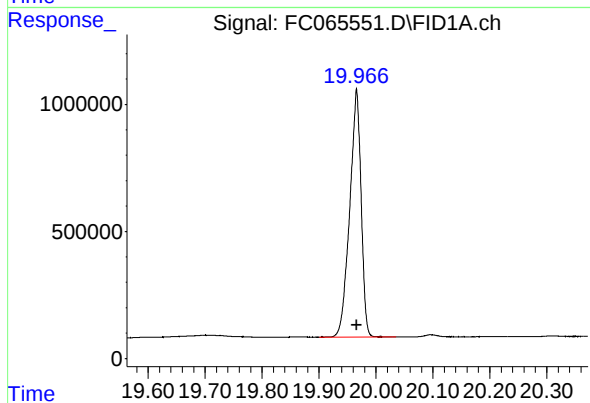
#18 n-Dotriacontane (C32)

R.T.: 18.449 min
Delta R.T.: 0.000 min
Response: 14196979
Conc: 94.68 ug/ml



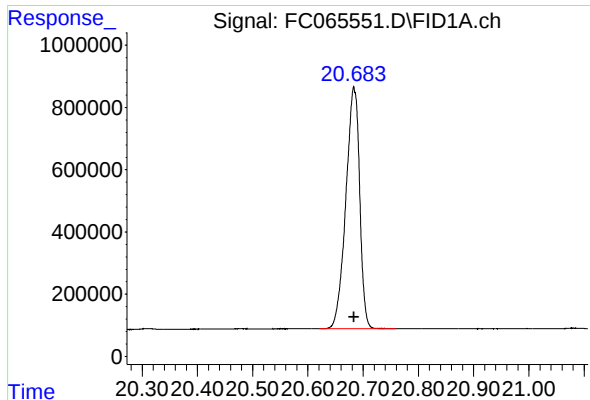
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: 0.000 min
Response: 13868193
Conc: 96.39 ug/ml



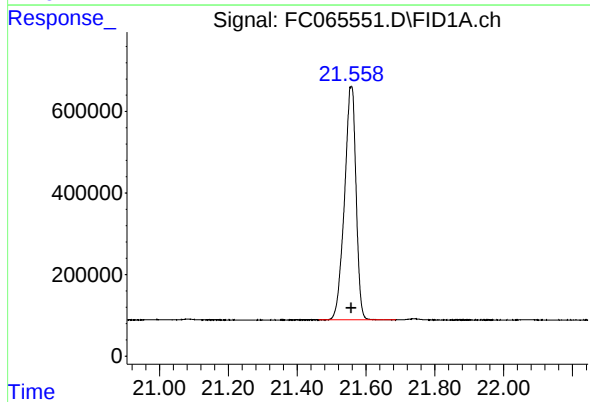
#20 n-Hexatriacontane (C36)

R.T.: 19.966 min
Delta R.T.: 0.000 min
Response: 13525599
Conc: 97.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: 0.000 min
Response: 13468313
Conc: 97.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.558 min
Delta R.T.: 0.000 min
Response: 13380562
Conc: 97.41 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
 Data File : FC065551.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jan 2024 12:01
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.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	3.288	3.215	3.392	BV	1807366	15335966	87.82%	4.661%
2	4.352	4.282	4.497	BB	1676889	15651343	89.63%	4.757%
3	5.934	5.832	6.202	BB	1794106	17462972	100.00%	5.307%
4	6.366	6.325	6.489	BV	1609749	15685542	89.82%	4.767%
5	6.989	6.954	7.172	VV	1579092	16779740	96.09%	5.100%
6	8.154	8.119	8.289	BB	1412938	15342937	87.86%	4.663%
7	9.750	9.710	9.842	PV	1440708	15594410	89.30%	4.740%
8	11.185	11.144	11.299	BB	1380007	15682507	89.80%	4.766%
9	11.500	11.429	11.619	BB	1574105	17378622	99.52%	5.282%
10	12.487	12.390	12.580	BB	1262763	15052020	86.19%	4.575%
11	12.928	12.862	13.022	BV	1117106	12880931	73.76%	3.915%
12	13.096	13.022	13.169	VB	1213975	14832220	84.94%	4.508%
13	13.679	13.620	13.794	BB	1177670	14761474	84.53%	4.486%
14	14.777	14.699	14.870	BB	1142420	14733987	84.37%	4.478%
15	15.793	15.704	15.897	BB	1062030	14576411	83.47%	4.430%
16	16.738	16.654	16.854	BB	1057815	14333183	82.08%	4.356%
17	17.620	17.557	17.695	BV	1084913	14503658	83.05%	4.408%
18	18.449	18.400	18.517	BB	1000622	14196979	81.30%	4.315%
19	19.229	19.170	19.294	BB	963209	13868193	79.41%	4.215%
20	19.966	19.900	20.035	BV	971436	13525599	77.45%	4.111%
21	20.683	20.620	20.759	BBA	775664	13468313	77.12%	4.093%
22	21.558	21.464	21.687	BV	573664	13380562	76.62%	4.067%
Sum of corrected areas:						329027569		

Aliphatic EPH 010824.M Tue Jan 09 00:17:23 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
 Data File : FC065552.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jan 2024 12:39
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:10:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 14:04:02 2024
 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)	11.494	8958568	49.187 ug/ml
Spiked Amount 50.000		Recovery =	98.37%
12) S 1-chlorooctadecane (S...	12.923	6685703	49.154 ug/ml
Spiked Amount 50.000		Recovery =	98.31%
Target Compounds			
1) T n-Nonane (C9)	3.286	7824976	49.436 ug/ml
2) T n-Decane (C10)	4.349	8000989	49.653 ug/ml
3) T A~Naphthalene (C11.7)	5.931	8814403	50.030 ug/ml
4) T n-Dodecane (C12)	6.363	8054604	49.446 ug/ml
5) T A~2-methylnaphthalene...	6.986	8335773	49.818 ug/ml
6) T n-Tetradecane (C14)	8.151	7862952	49.323 ug/ml
7) T n-Hexadecane (C16)	9.745	8047365	49.360 ug/ml
8) T n-Octadecane (C18)	11.180	8140435	49.290 ug/ml
10) T n-Eicosane (C20)	12.482	7854056	49.176 ug/ml
11) T n-Heneicosane (C21)	13.092	7727334	49.119 ug/ml
13) T n-Docosane (C22)	13.675	7700605	49.131 ug/ml
14) T n-Tetracosane (C24)	14.772	7672274	49.123 ug/ml
15) T n-Hexacosane (C26)	15.788	7557084	49.069 ug/ml
16) T n-Octacosane (C28)	16.733	7403225	49.066 ug/ml
17) T n-Tricontane (C30)	17.617	7443100	49.044 ug/ml
18) T n-Dotriacontane (C32)	18.442	7235049	48.819 ug/ml
19) T n-Tetratriacontane (C34)	19.224	7001464	49.102 ug/ml
20) T n-Hexatriacontane (C36)	19.959	6805469	49.429 ug/ml
21) T n-Octatriacontane (C38)	20.675	6707866	49.062 ug/ml
22) T n-Tetracontane (C40)	21.548	6658371	48.971 ug/ml

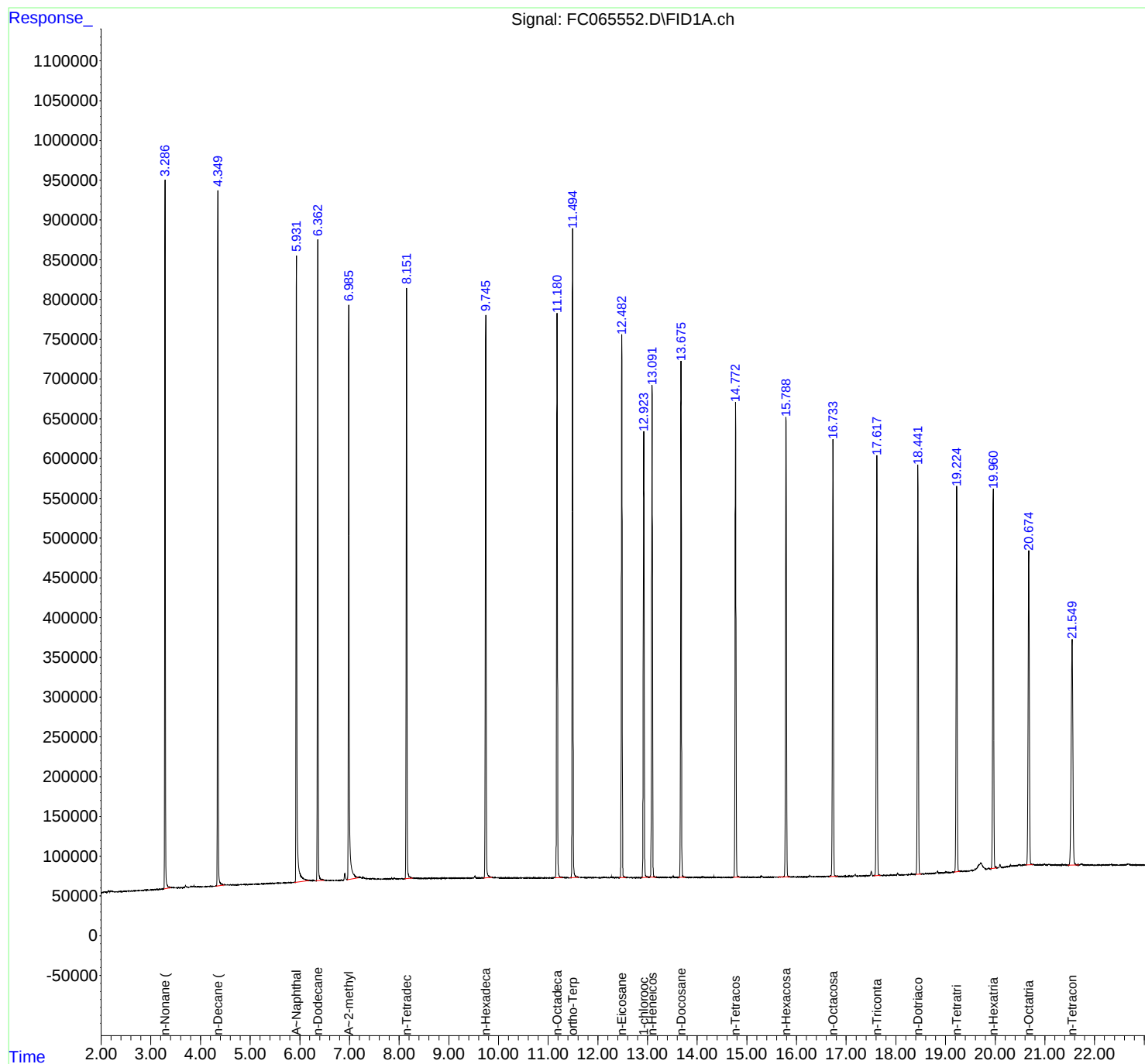
(f)=RT Delta > 1/2 Window

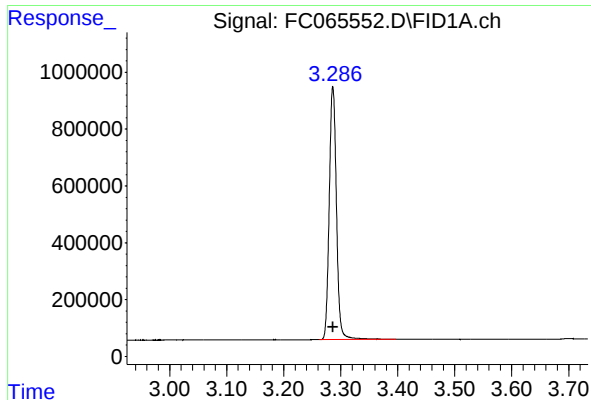
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065552.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 12:39
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 14:10:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 14:04:02 2024
Response via : Initial Calibration
Integrator: ChemStation

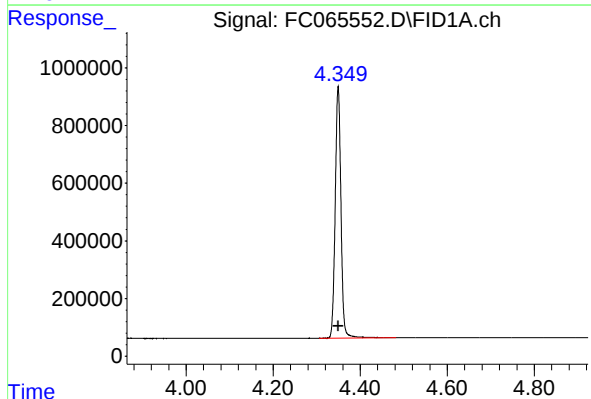
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





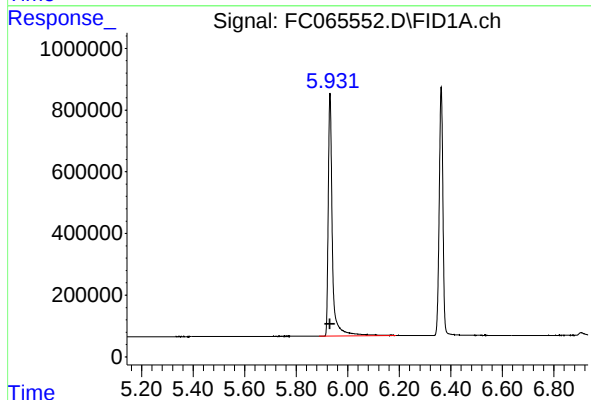
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 7824976
Conc: 49.44 ug/ml



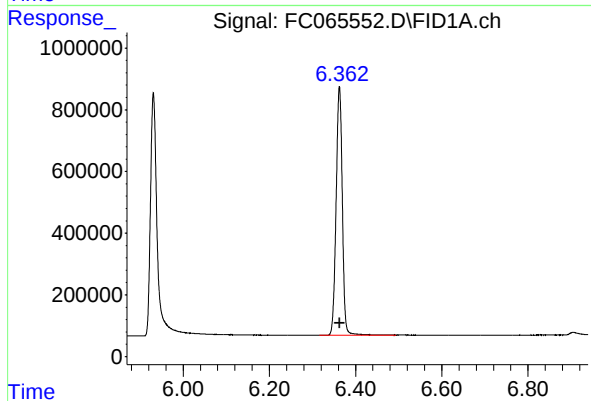
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 8000989
Conc: 49.65 ug/ml



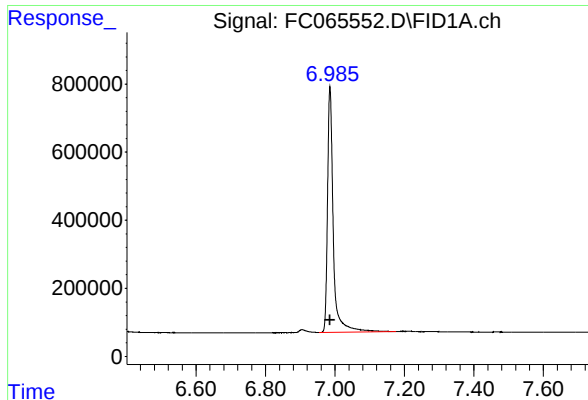
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 8814403
Conc: 50.03 ug/ml



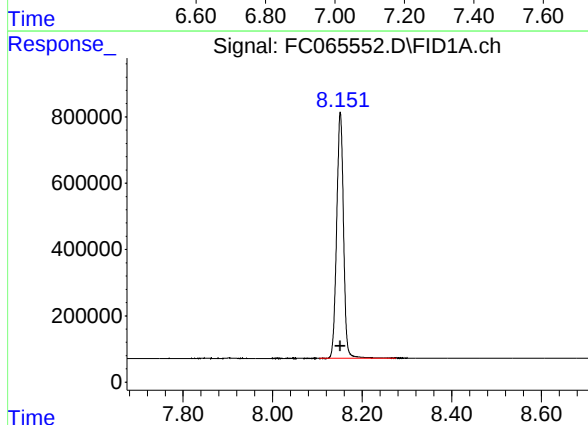
#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 8054604
Conc: 49.45 ug/ml



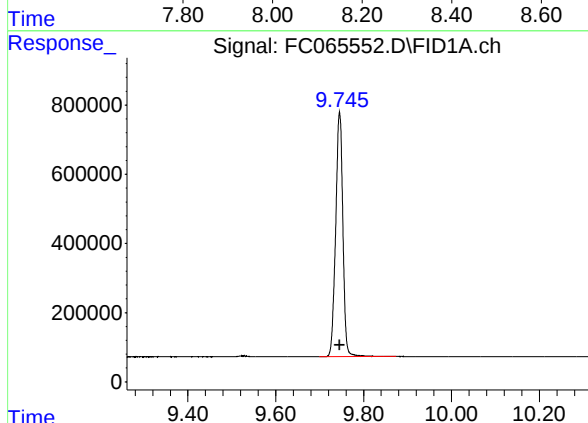
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 8335773
Conc: 49.82 ug/ml



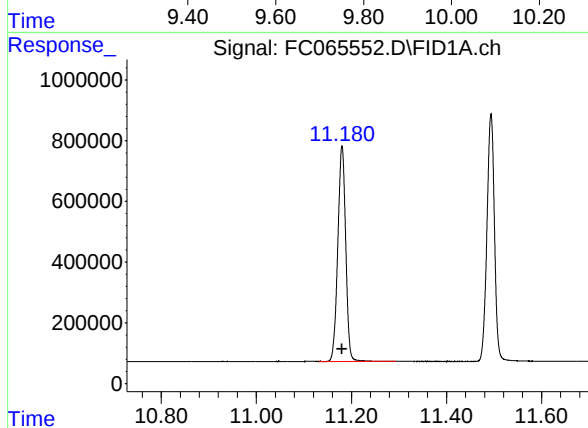
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 7862952
Conc: 49.32 ug/ml



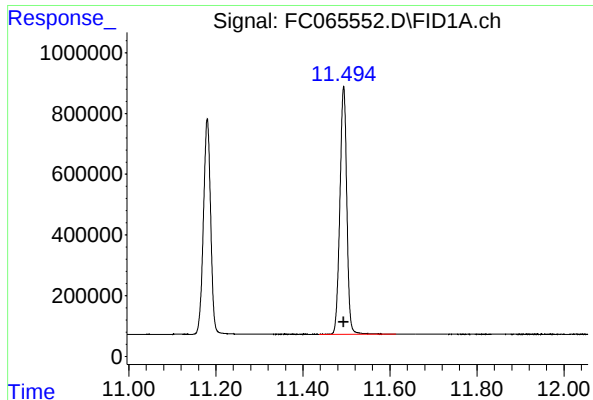
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 8047365
Conc: 49.36 ug/ml



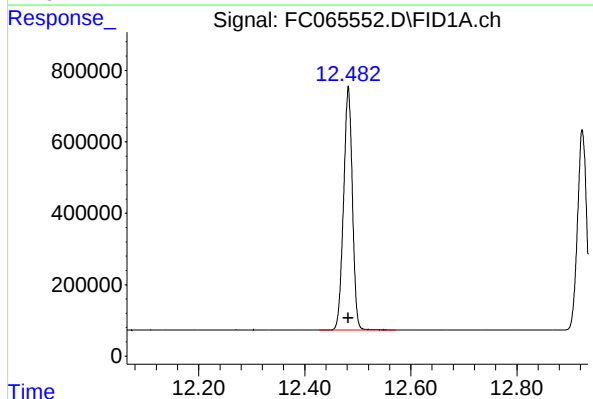
#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: 0.000 min
Response: 8140435
Conc: 49.29 ug/ml



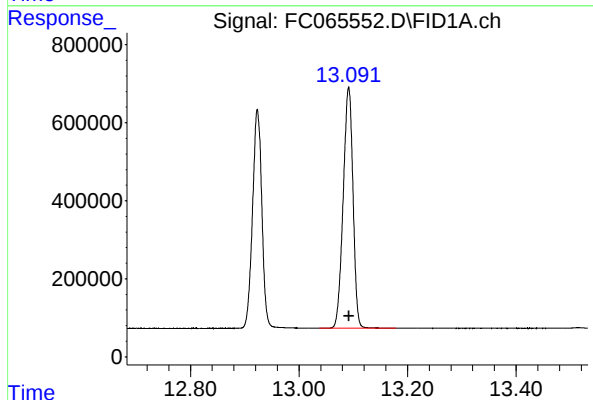
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 8958568
Conc: 49.19 ug/ml



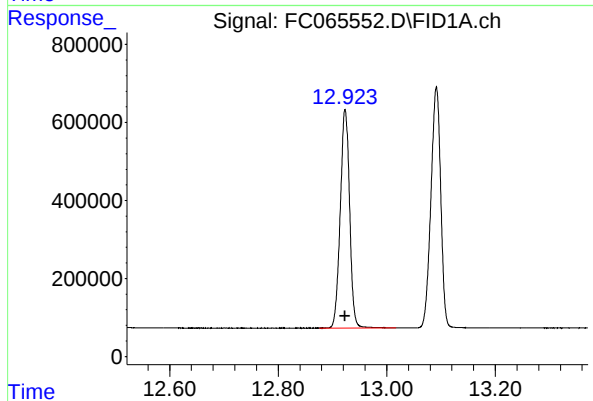
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: 0.000 min
Response: 7854056
Conc: 49.18 ug/ml



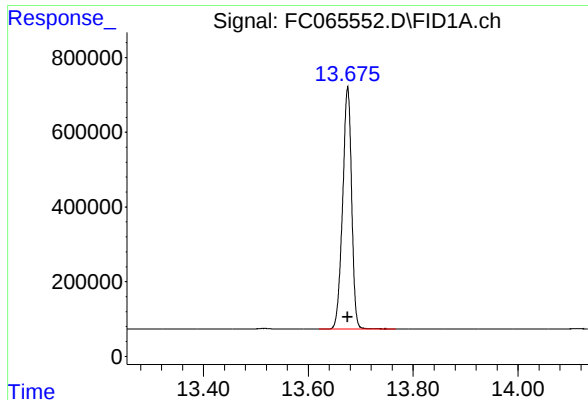
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: 0.000 min
Response: 7727334
Conc: 49.12 ug/ml



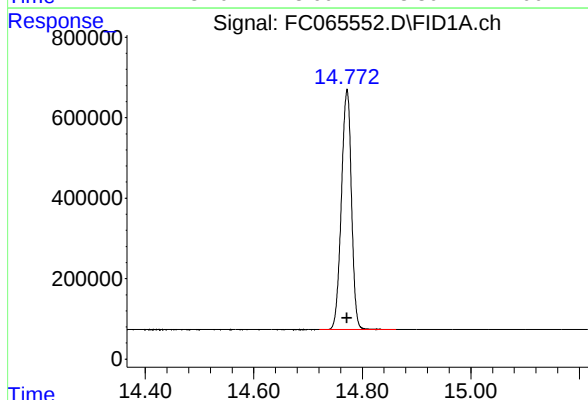
#12 1-chlorooctadecane (SURR)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 6685703
Conc: 49.15 ug/ml



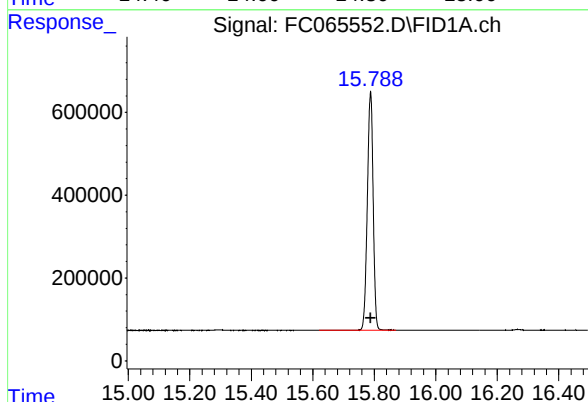
#13 n-Docosane (C22)

R.T.: 13.675 min
Delta R.T.: 0.000 min
Response: 7700605
Conc: 49.13 ug/ml



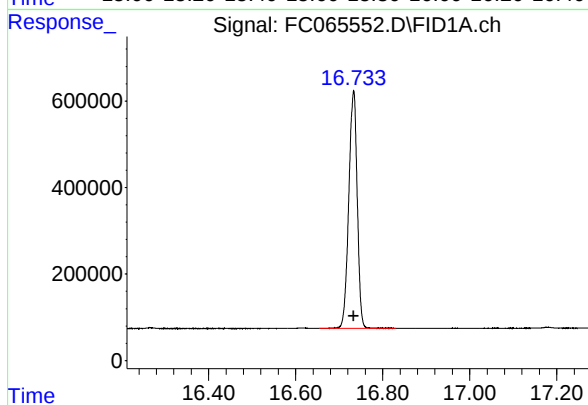
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: 0.000 min
Response: 7672274
Conc: 49.12 ug/ml



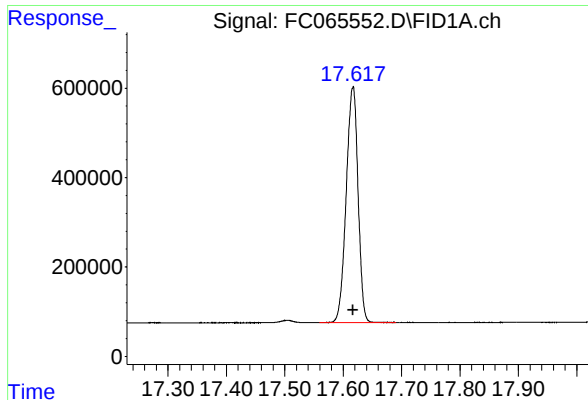
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.000 min
Response: 7557084
Conc: 49.07 ug/ml



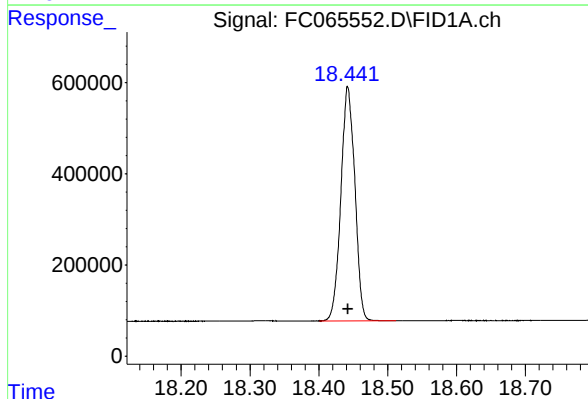
#16 n-Octacosane (C28)

R.T.: 16.733 min
Delta R.T.: 0.000 min
Response: 7403225
Conc: 49.07 ug/ml



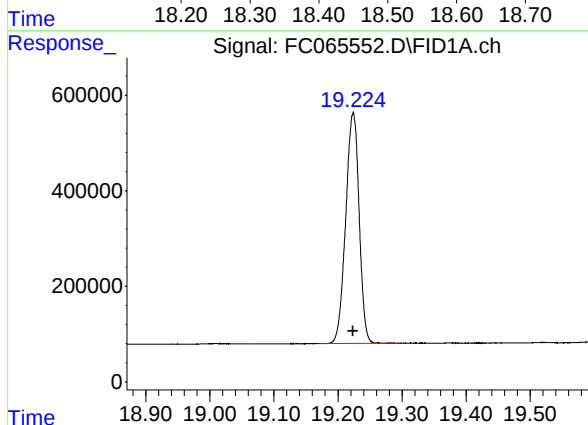
#17 n-Tricontane (C30)

R.T.: 17.617 min
Delta R.T.: 0.000 min
Response: 7443100
Conc: 49.04 ug/ml



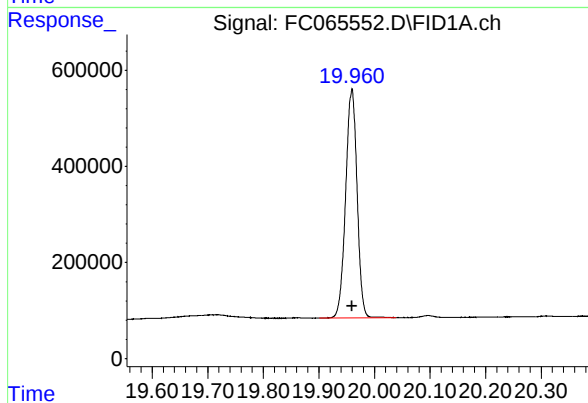
#18 n-Dotriacontane (C32)

R.T.: 18.442 min
Delta R.T.: 0.000 min
Response: 7235049
Conc: 48.82 ug/ml



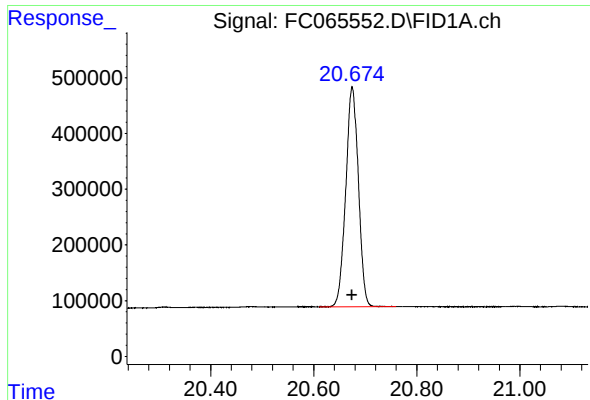
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: 0.000 min
Response: 7001464
Conc: 49.10 ug/ml



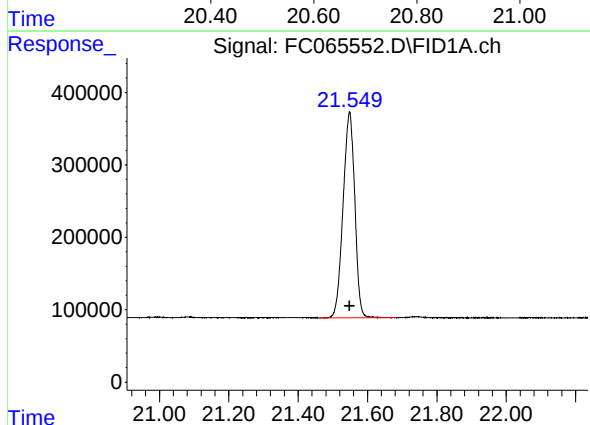
#20 n-Hexatriacontane (C36)

R.T.: 19.959 min
Delta R.T.: 0.000 min
Response: 6805469
Conc: 49.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.675 min
Delta R.T.: 0.000 min
Response: 6707866
Conc: 49.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.548 min
Delta R.T.: 0.000 min
Response: 6658371
Conc: 48.97 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065552.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 12:39
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.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	3.286	3.262	3.397	PV	888546	7824976	87.35%	4.644%
2	4.349	4.305	4.482	BB	872100	8000989	89.31%	4.749%
3	5.931	5.889	6.187	BV	786459	8814403	98.39%	5.231%
4	6.363	6.315	6.494	BB	806173	8054604	89.91%	4.780%
5	6.986	6.954	7.175	PV	721539	8335773	93.05%	4.947%
6	8.151	8.104	8.275	BB	743955	7862952	87.77%	4.667%
7	9.745	9.699	9.874	BB	706727	8047365	89.83%	4.776%
8	11.180	11.132	11.294	BB	709316	8140435	90.87%	4.831%
9	11.494	11.437	11.614	BB	814709	8958568	100.00%	5.317%
10	12.482	12.427	12.572	BB	681390	7854056	87.67%	4.661%
11	12.923	12.875	13.017	BB	560353	6685703	74.63%	3.968%
12	13.092	13.037	13.179	BB	617975	7727334	86.26%	4.586%
13	13.675	13.620	13.767	BB	649101	7700605	85.96%	4.570%
14	14.772	14.720	14.862	BB	597034	7672274	85.64%	4.554%
15	15.788	15.620	15.870	BB	577158	7557084	84.36%	4.485%
16	16.733	16.654	16.830	BB	550385	7403225	82.64%	4.394%
17	17.617	17.559	17.690	BB	527128	7443100	83.08%	4.417%
18	18.442	18.400	18.512	BB	513600	7235049	80.76%	4.294%
19	19.224	19.170	19.290	BB	483028	7001464	78.15%	4.155%
20	19.960	19.900	20.039	BB	473905	6805469	75.97%	4.039%
21	20.675	20.610	20.760	BBA	394236	6707866	74.88%	3.981%
22	21.548	21.460	21.682	BB	284180	6658371	74.32%	3.952%
Sum of corrected areas:						168491663		

Aliphatic EPH 010824.M Tue Jan 09 00:17:45 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
 Data File : FC065553.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jan 2024 13:17
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:04:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 14:04:02 2024
 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)	11.491	3868876	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.923	2910450	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.286	3299855	20.000 ug/ml
2) T n-Decane (C10)	4.349	3337682	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.933	3552495	20.000 ug/ml
4) T n-Dodecane (C12)	6.362	3414957	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.988	3349277	20.000 ug/ml
6) T n-Tetradecane (C14)	8.150	3351256	20.000 ug/ml
7) T n-Hexadecane (C16)	9.743	3444185	20.000 ug/ml
8) T n-Octadecane (C18)	11.178	3516517	20.000 ug/ml
10) T n-Eicosane (C20)	12.480	3430804	20.000 ug/ml
11) T n-Heneicosane (C21)	13.090	3381801	20.000 ug/ml
13) T n-Docosane (C22)	13.672	3371544	20.000 ug/ml
14) T n-Tetracosane (C24)	14.770	3355312	20.000 ug/ml
15) T n-Hexacosane (C26)	15.786	3302498	20.000 ug/ml
16) T n-Octacosane (C28)	16.731	3225041	20.000 ug/ml
17) T n-Tricontane (C30)	17.613	3227764	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.443	3158734	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.221	2981213	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.957	2833512	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.674	2826580	20.000 ug/ml
22) T n-Tetracontane (C40)	21.544	2818543	20.000 ug/ml

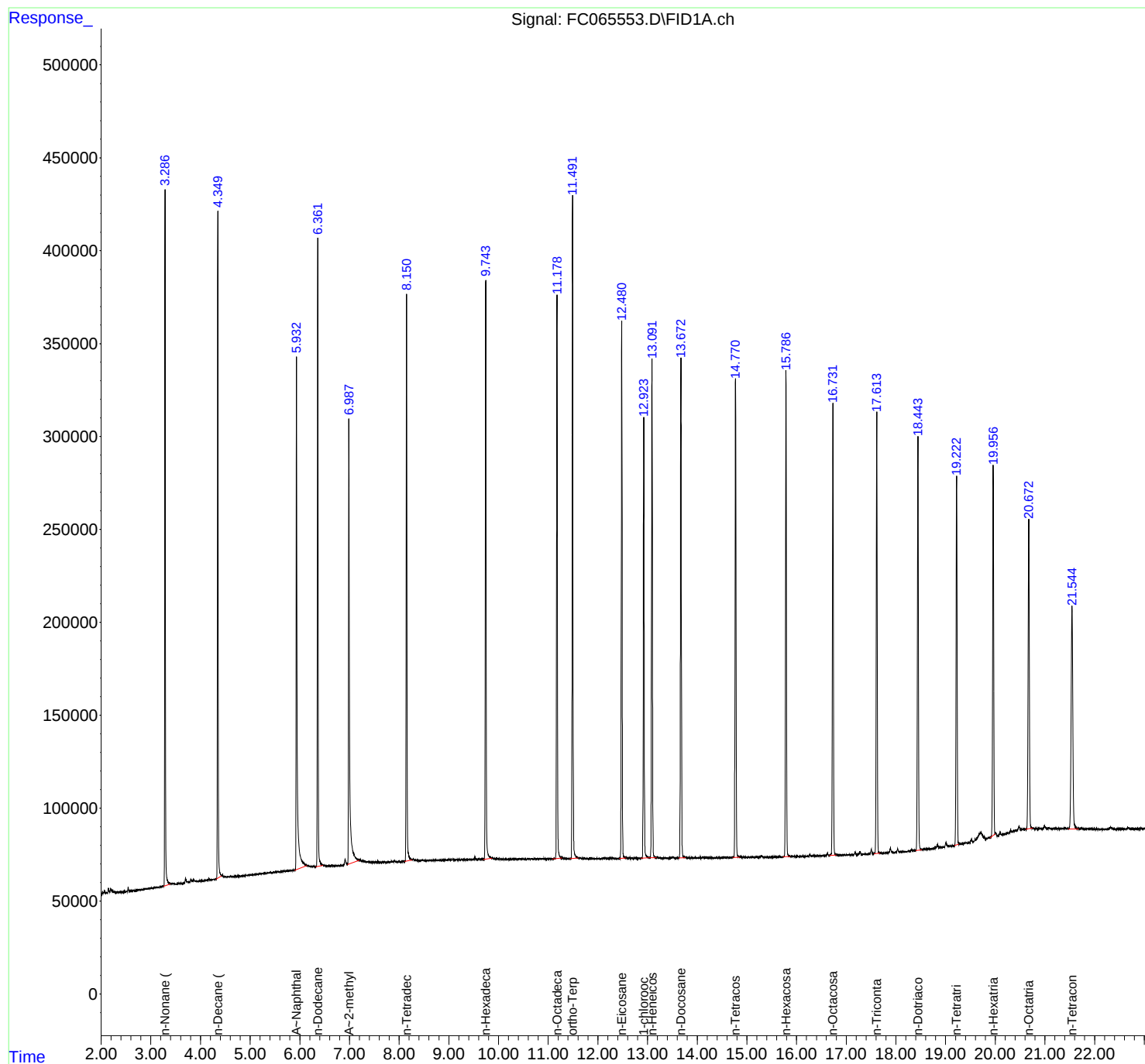
(f)=RT Delta > 1/2 Window

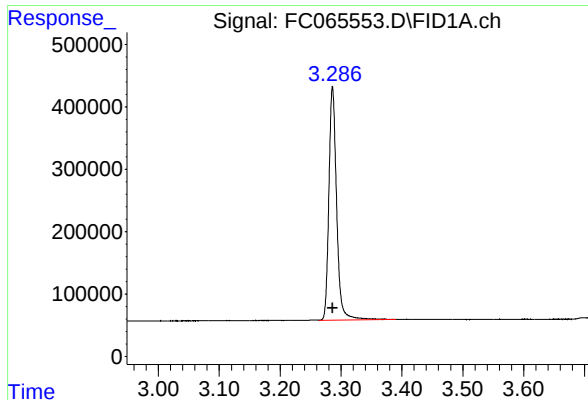
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065553.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 13:17
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 14:04:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 14:04:02 2024
Response via : Initial Calibration
Integrator: ChemStation

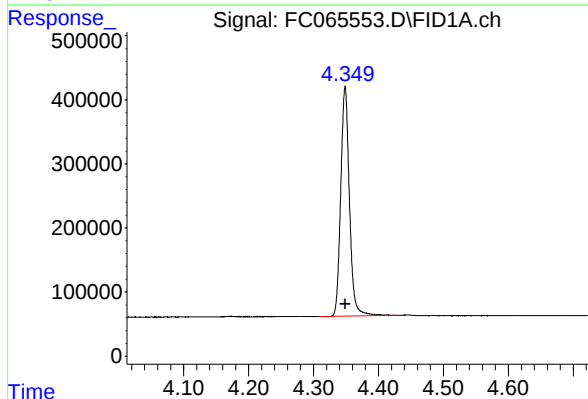
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





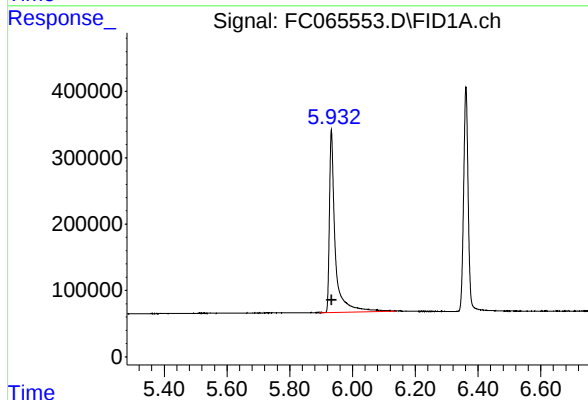
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 3299855
Conc: 20.00 ug/ml



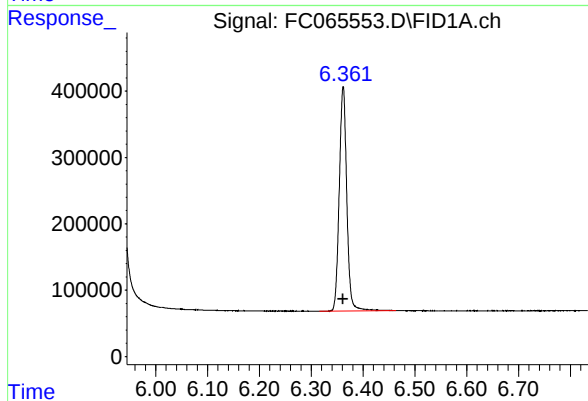
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 3337682
Conc: 20.00 ug/ml



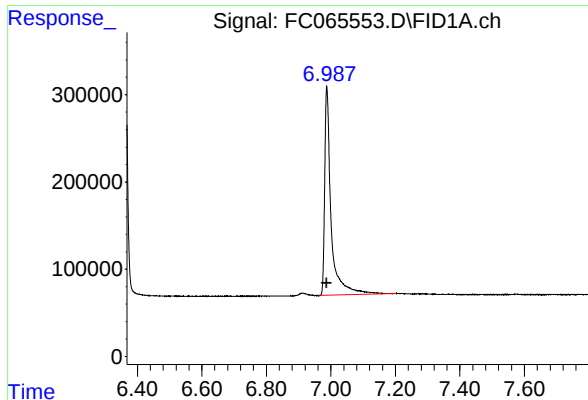
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 3552495
Conc: 20.00 ug/ml



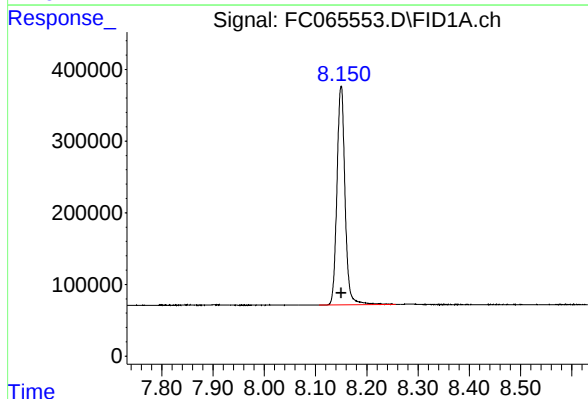
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 3414957
Conc: 20.00 ug/ml



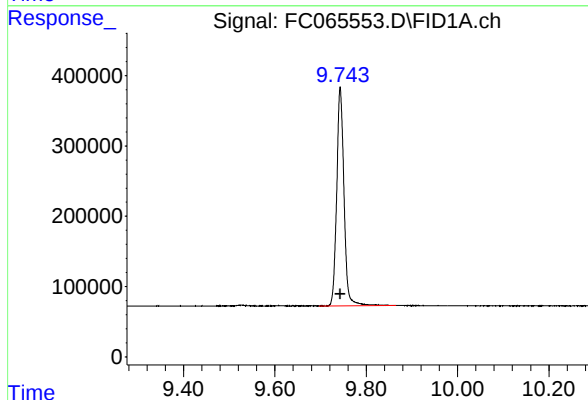
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 3349277
Conc: 20.00 ug/ml



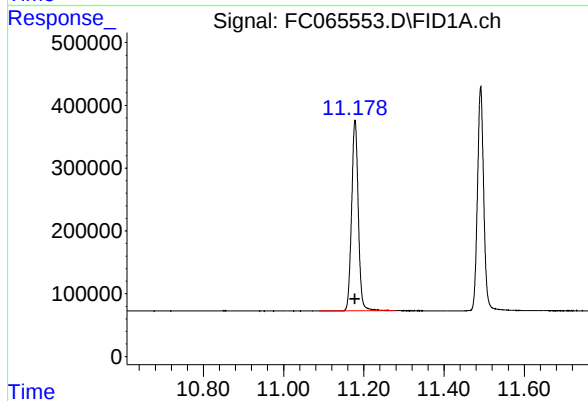
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 3351256
Conc: 20.00 ug/ml



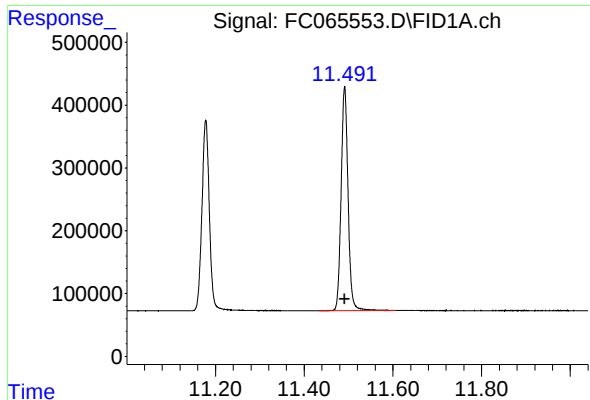
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 3444185
Conc: 20.00 ug/ml



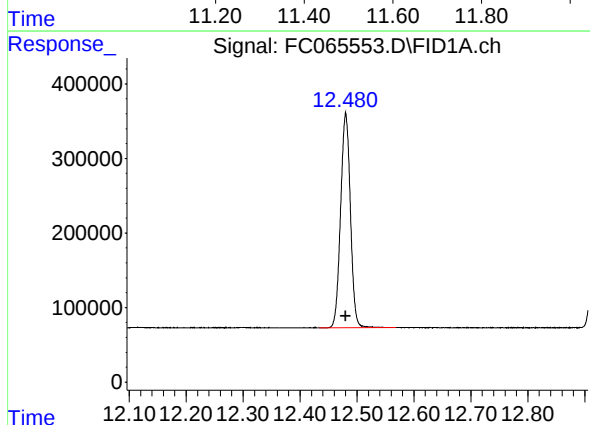
#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 3516517
Conc: 20.00 ug/ml



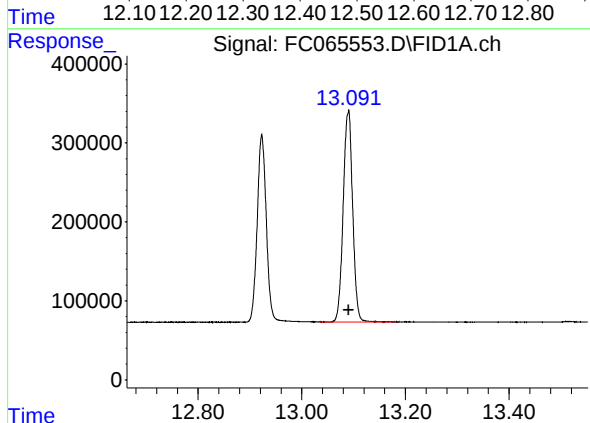
#9 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: 0.000 min
Response: 3868876
Conc: 20.00 ug/ml



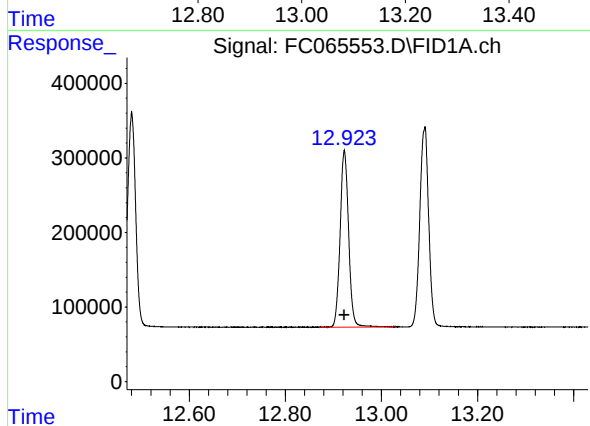
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 3430804
Conc: 20.00 ug/ml



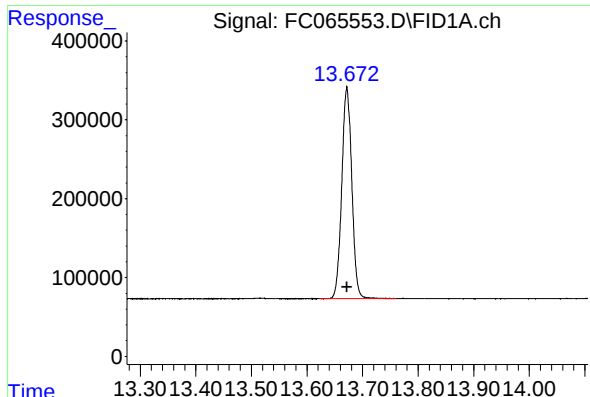
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: 0.000 min
Response: 3381801
Conc: 20.00 ug/ml



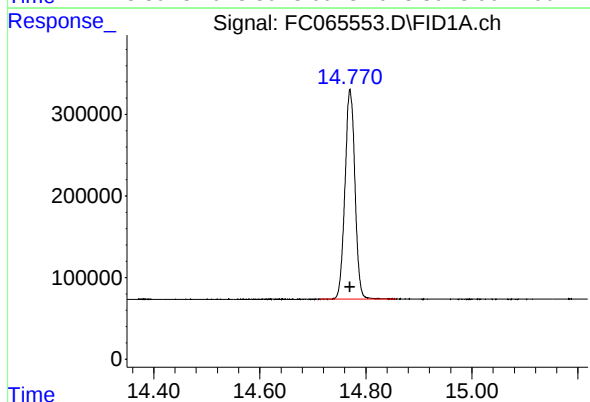
#12 1-chlorooctadecane (SURR)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 2910450
Conc: 20.00 ug/ml



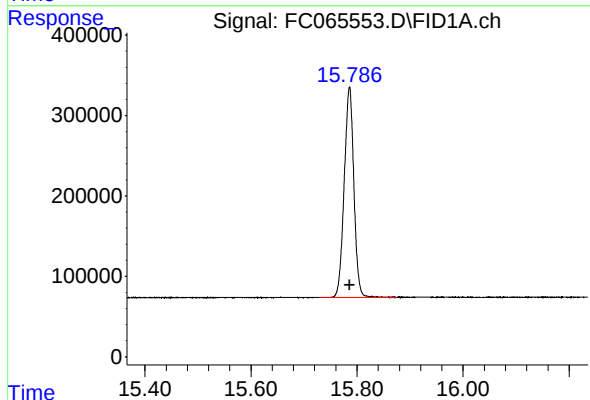
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: 0.000 min
Response: 3371544
Conc: 20.00 ug/ml



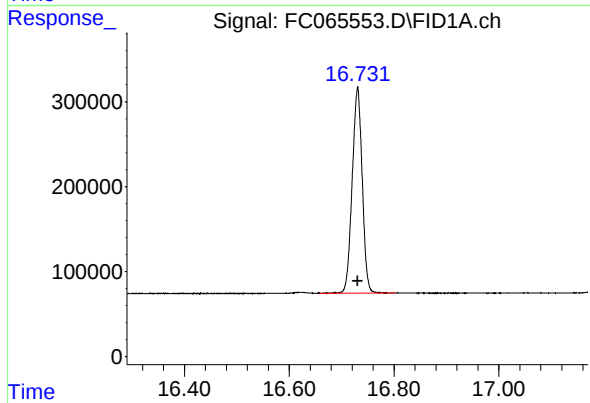
#14 n-Tetracosane (C24)

R.T.: 14.770 min
Delta R.T.: 0.000 min
Response: 3355312
Conc: 20.00 ug/ml



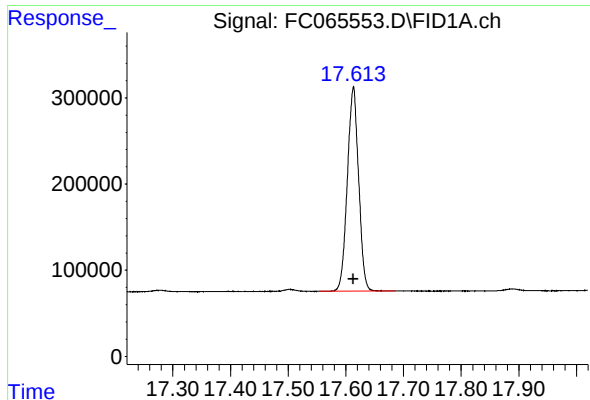
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: 0.000 min
Response: 3302498
Conc: 20.00 ug/ml



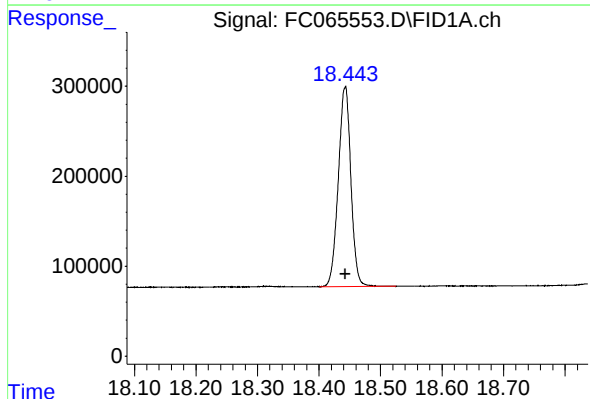
#16 n-Octacosane (C28)

R.T.: 16.731 min
Delta R.T.: 0.000 min
Response: 3225041
Conc: 20.00 ug/ml



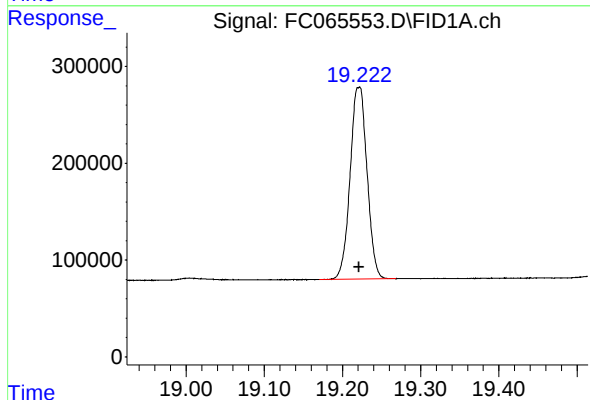
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.000 min
Response: 3227764
Conc: 20.00 ug/ml



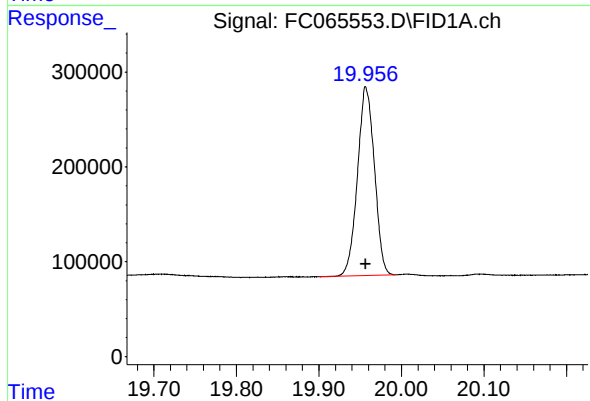
#18 n-Dotriacontane (C32)

R.T.: 18.443 min
Delta R.T.: 0.000 min
Response: 3158734
Conc: 20.00 ug/ml



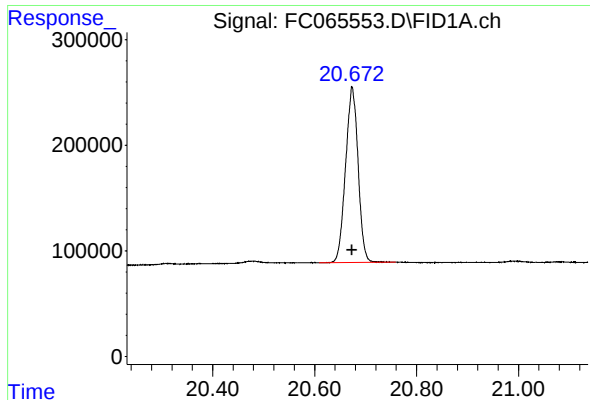
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min
Delta R.T.: 0.000 min
Response: 2981213
Conc: 20.00 ug/ml



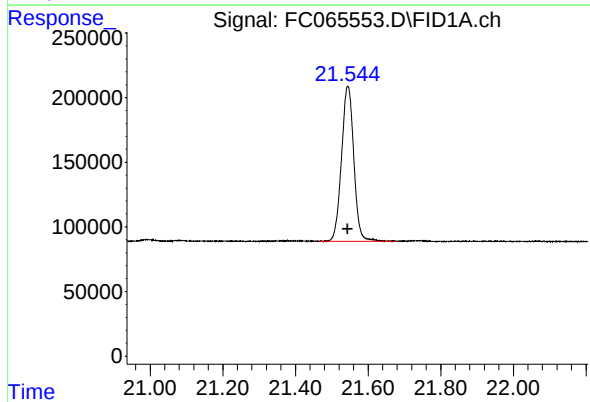
#20 n-Hexatriacontane (C36)

R.T.: 19.957 min
Delta R.T.: 0.000 min
Response: 2833512
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.674 min
Delta R.T.: 0.000 min
Response: 2826580
Conc: 20.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.544 min
Delta R.T.: 0.000 min
Response: 2818543
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065553.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 13:17
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.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	3.286	3.264	3.390	PV	372930	3299855	85.29%	4.586%
2	4.349	4.308	4.427	BV	358171	3337682	86.27%	4.638%
3	5.933	5.893	6.138	BB	274770	3552495	91.82%	4.937%
4	6.362	6.315	6.463	BB	338720	3414957	88.27%	4.746%
5	6.988	6.963	7.202	PB	237744	3349277	86.57%	4.654%
6	8.150	8.107	8.257	BB	305123	3351256	86.62%	4.657%
7	9.743	9.697	9.865	BB	310899	3444185	89.02%	4.786%
8	11.178	11.088	11.280	BB	303806	3516517	90.89%	4.887%
9	11.491	11.433	11.607	BB	357589	3868876	100.00%	5.377%
10	12.480	12.433	12.568	BB	288276	3430804	88.68%	4.768%
11	12.923	12.870	13.030	BB	237206	2910450	75.23%	4.045%
12	13.090	13.033	13.182	BB	266621	3381801	87.41%	4.700%
13	13.672	13.622	13.760	BB	268541	3371544	87.15%	4.685%
14	14.770	14.712	14.857	BB	257233	3355312	86.73%	4.663%
15	15.786	15.728	15.873	BB	261548	3302498	85.36%	4.589%
16	16.731	16.657	16.803	BB	242233	3225041	83.36%	4.482%
17	17.613	17.553	17.687	BB	237549	3227764	83.43%	4.486%
18	18.443	18.400	18.525	BB	223408	3158734	81.64%	4.390%
19	19.221	19.170	19.268	BB	198542	2981213	77.06%	4.143%
20	19.957	19.900	19.993	BV	198858	2833512	73.24%	3.938%
21	20.674	20.608	20.759	BBA	166461	2826580	73.06%	3.928%
22	21.544	21.465	21.677	BB	120025	2818543	72.85%	3.917%
Sum of corrected areas:							71958896	

Aliphatic EPH 010824.M Tue Jan 09 00:18:45 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
 Data File : FC065554.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jan 2024 13:56
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:31:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 14:31:43 2024
 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)	11.490	1802329	9.922 ug/ml
Spiked Amount 50.000		Recovery =	19.84%
12) S 1-chlorooctadecane (S...	12.921	1315330	9.751 ug/ml
Spiked Amount 50.000		Recovery =	19.50%
Target Compounds			
1) T n-Nonane (C9)	3.286	1540131	9.796 ug/ml
2) T n-Decane (C10)	4.349	1551046	9.716 ug/ml
3) T A~Naphthalene (C11.7)	5.938	1554744	9.092 ug/ml
4) T n-Dodecane (C12)	6.362	1580025	9.773 ug/ml
5) T A~2-methylnaphthalene...	6.993	1407269	8.758 ug/ml
6) T n-Tetradecane (C14)	8.150	1541935	9.752 ug/ml
7) T n-Hexadecane (C16)	9.743	1563304	9.688 ug/ml
8) T n-Octadecane (C18)	11.177	1598957	9.759 ug/ml
10) T n-Eicosane (C20)	12.479	1558705	9.818 ug/ml
11) T n-Heneicosane (C21)	13.087	1534430	9.814 ug/ml
13) T n-Docosane (C22)	13.672	1522179	9.782 ug/ml
14) T n-Tetracosane (C24)	14.770	1518339	9.790 ug/ml
15) T n-Hexacosane (C26)	15.786	1501834	9.812 ug/ml
16) T n-Octacosane (C28)	16.730	1482599	9.869 ug/ml
17) T n-Tricontane (C30)	17.613	1511719	9.971 ug/ml
18) T n-Dotriacontane (C32)	18.440	1528204	10.232 ug/ml
19) T n-Tetratriacontane (C34)	19.220	1436687	10.057 ug/ml
20) T n-Hexatriacontane (C36)	19.956	1368268	9.953 ug/ml
21) T n-Octatriacontane (C38)	20.672	1403471	10.197 ug/ml
22) T n-Tetracontane (C40)	21.543	1414494	10.299 ug/ml

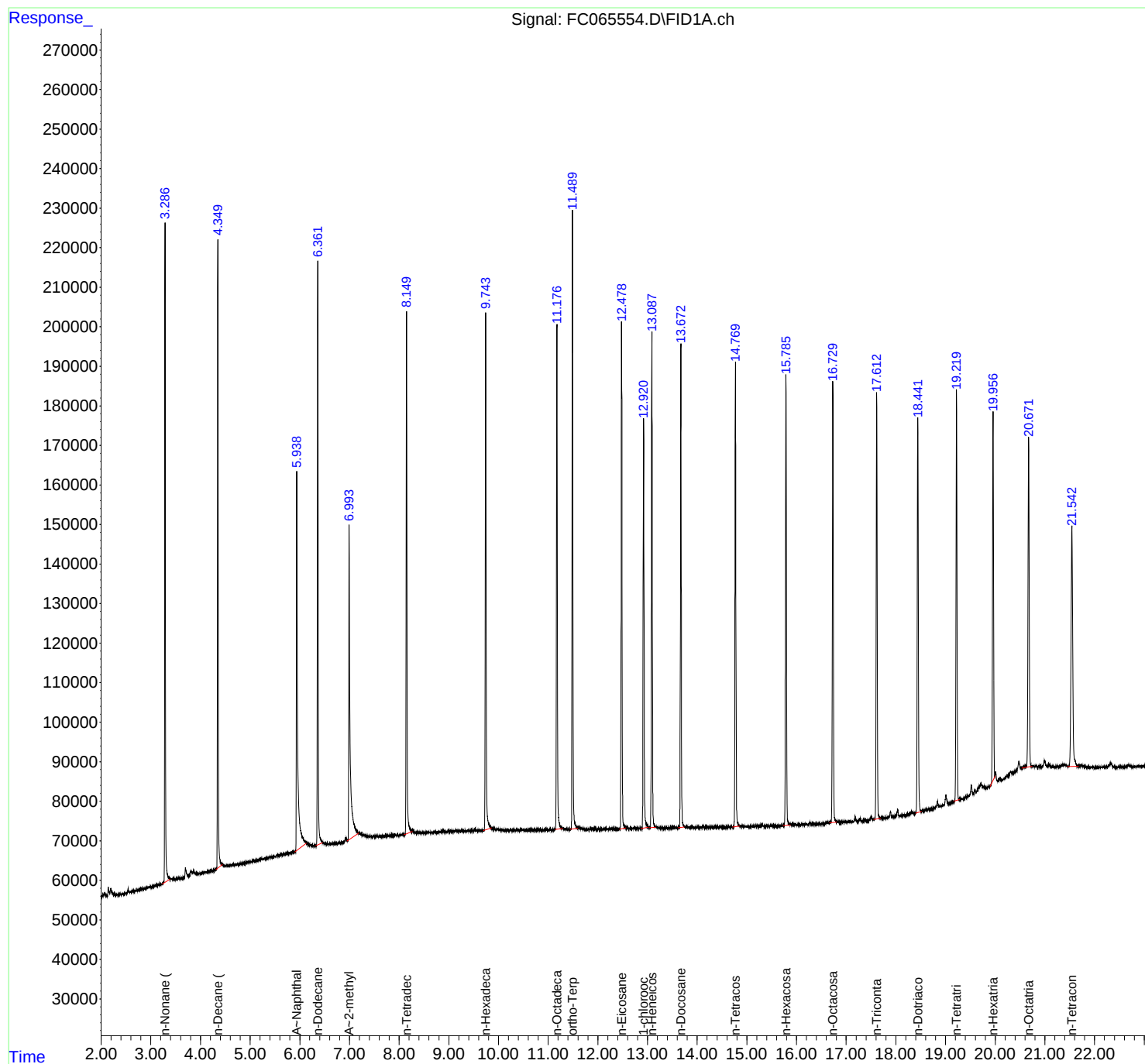
(f)=RT Delta > 1/2 Window

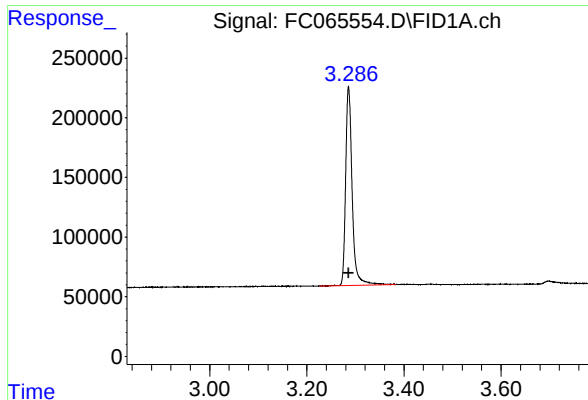
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065554.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 13:56
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 14:31:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 14:31:43 2024
Response via : Initial Calibration
Integrator: ChemStation

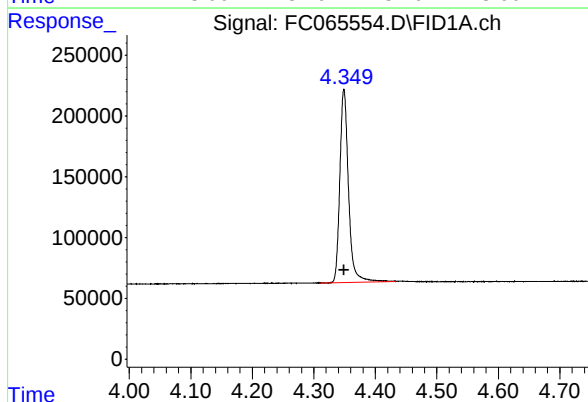
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





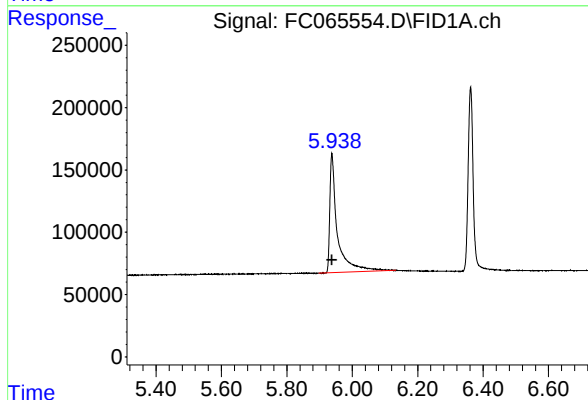
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 1540131
Conc: 9.80 ug/ml



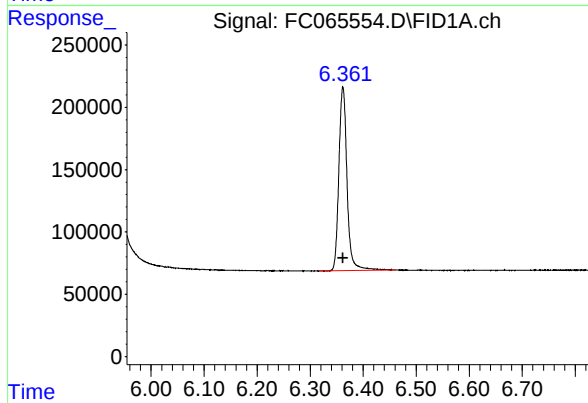
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 1551046
Conc: 9.72 ug/ml



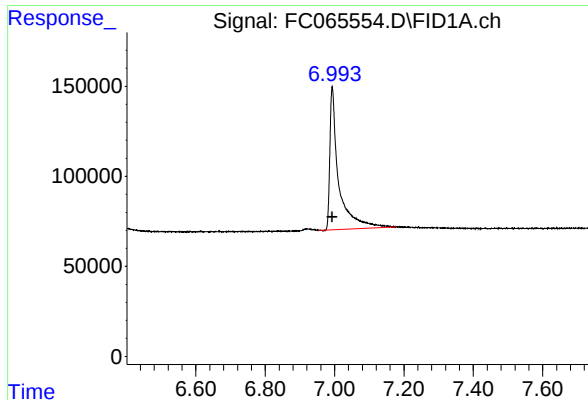
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 1554744
Conc: 9.09 ug/ml



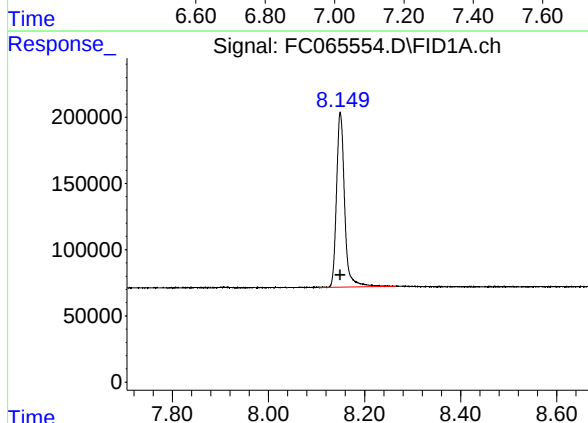
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 1580025
Conc: 9.77 ug/ml



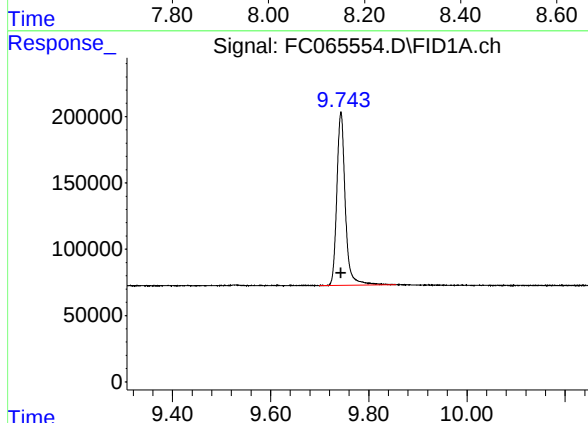
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 1407269
Conc: 8.76 ug/ml



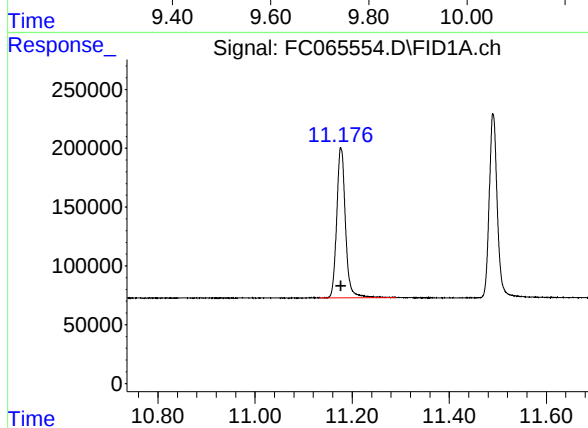
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 1541935
Conc: 9.75 ug/ml



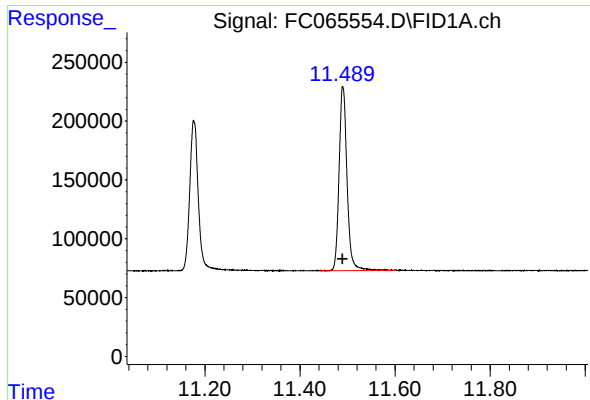
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 1563304
Conc: 9.69 ug/ml



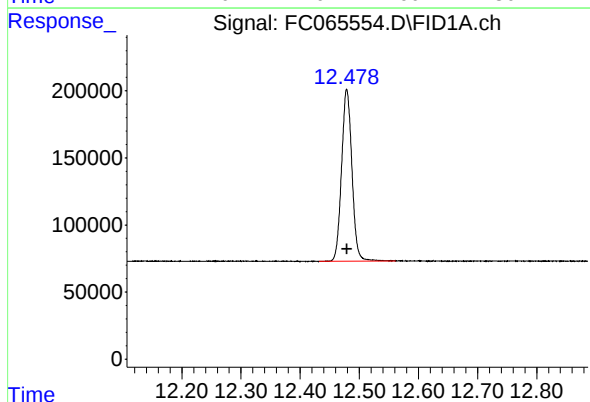
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 1598957
Conc: 9.76 ug/ml



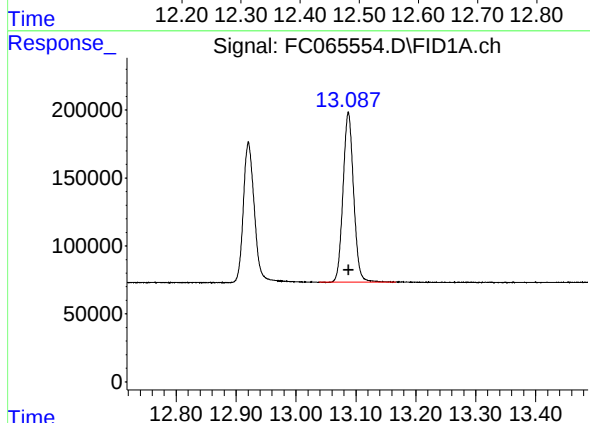
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: 0.000 min
Response: 1802329
Conc: 9.92 ug/ml



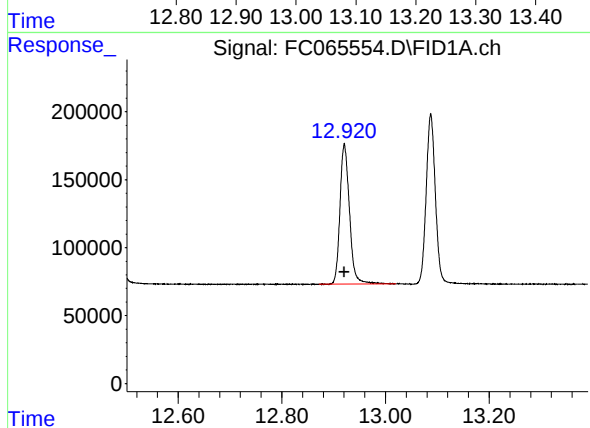
#10 n-Eicosane (C20)

R.T.: 12.479 min
Delta R.T.: 0.000 min
Response: 1558705
Conc: 9.82 ug/ml



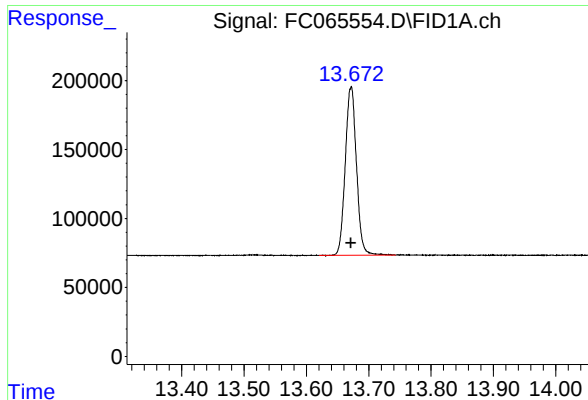
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.000 min
Response: 1534430
Conc: 9.81 ug/ml



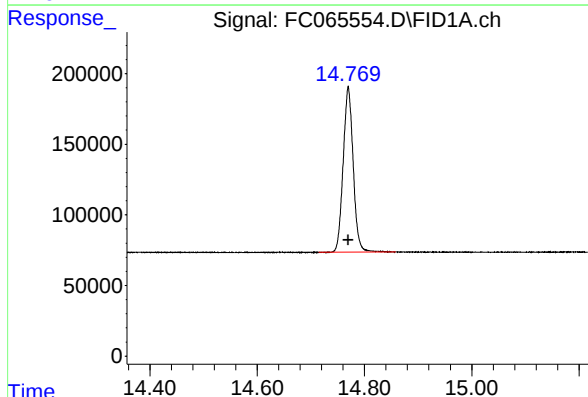
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: 0.000 min
Response: 1315330
Conc: 9.75 ug/ml



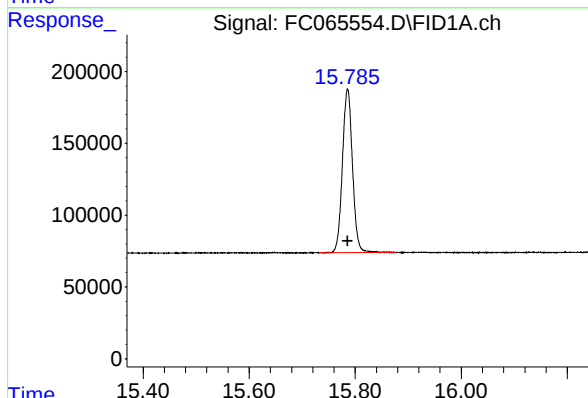
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: 0.000 min
Response: 1522179
Conc: 9.78 ug/ml



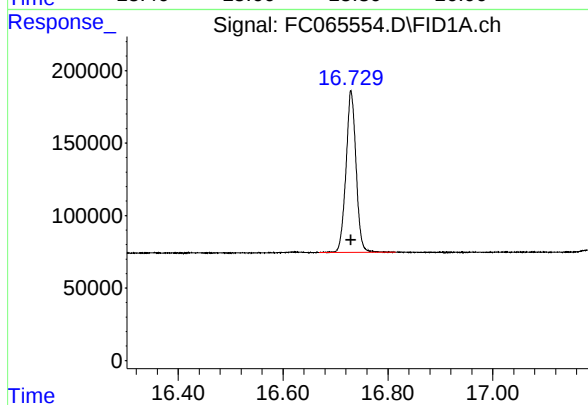
#14 n-Tetracosane (C24)

R.T.: 14.770 min
Delta R.T.: 0.000 min
Response: 1518339
Conc: 9.79 ug/ml



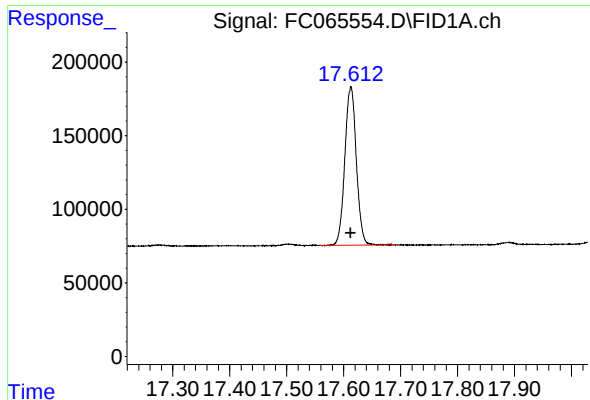
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: 0.000 min
Response: 1501834
Conc: 9.81 ug/ml



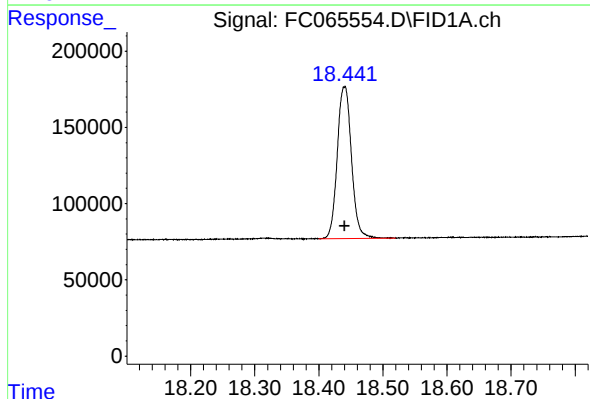
#16 n-Octacosane (C28)

R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 1482599
Conc: 9.87 ug/ml



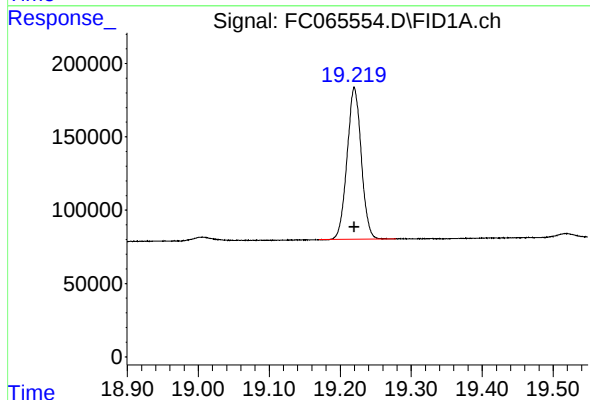
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.000 min
Response: 1511719
Conc: 9.97 ug/ml



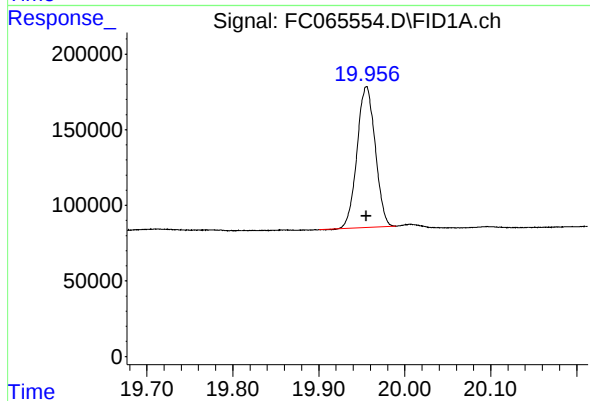
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: 0.000 min
Response: 1528204
Conc: 10.23 ug/ml



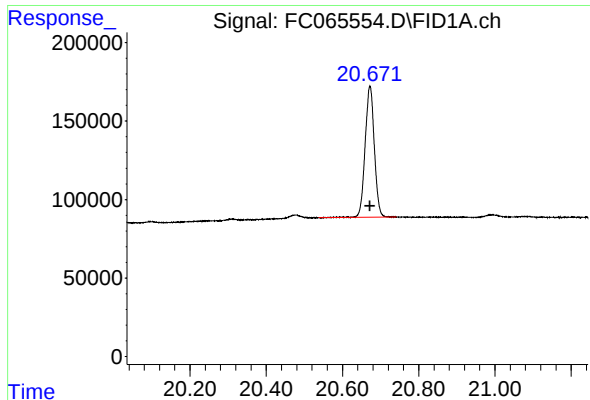
#19 n-Tetratriacontane (C34)

R.T.: 19.220 min
Delta R.T.: 0.000 min
Response: 1436687
Conc: 10.06 ug/ml



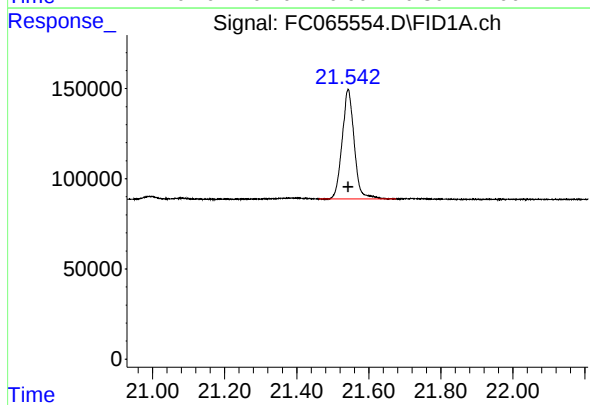
#20 n-Hexatriacontane (C36)

R.T.: 19.956 min
Delta R.T.: 0.000 min
Response: 1368268
Conc: 9.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.672 min
Delta R.T.: 0.000 min
Response: 1403471
Conc: 10.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.543 min
Delta R.T.: 0.000 min
Response: 1414494
Conc: 10.30 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065554.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 13:56
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.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	3.286	3.225	3.384	BB	165941	1540131	85.45%	4.634%
2	4.349	4.309	4.434	BV	158825	1551046	86.06%	4.667%
3	5.938	5.899	6.134	BB	95819	1554744	86.26%	4.678%
4	6.362	6.317	6.462	BB	147572	1580025	87.67%	4.754%
5	6.993	6.955	7.177	BB	79385	1407269	78.08%	4.234%
6	8.150	8.105	8.265	BB	131324	1541935	85.55%	4.639%
7	9.743	9.699	9.855	BB	130722	1563304	86.74%	4.704%
8	11.177	11.132	11.290	BB	127176	1598957	88.72%	4.811%
9	11.490	11.440	11.602	BB	156197	1802329	100.00%	5.423%
10	12.479	12.432	12.562	BB	128171	1558705	86.48%	4.690%
11	12.921	12.872	13.020	BB	103291	1315330	72.98%	3.958%
12	13.087	13.039	13.167	BB	125069	1534430	85.14%	4.617%
13	13.672	13.620	13.744	BB	122070	1522179	84.46%	4.580%
14	14.770	14.715	14.859	BB	117376	1518339	84.24%	4.568%
15	15.786	15.732	15.877	BB	114048	1501834	83.33%	4.519%
16	16.730	16.669	16.815	BB	110903	1482599	82.26%	4.461%
17	17.613	17.557	17.692	BB	107967	1511719	83.88%	4.548%
18	18.440	18.400	18.520	BB	99169	1528204	84.79%	4.598%
19	19.220	19.170	19.279	BB	103667	1436687	79.71%	4.323%
20	19.956	19.900	19.990	BV	93168	1368268	75.92%	4.117%
21	20.672	20.539	20.740	BB	83457	1403471	77.87%	4.223%
22	21.543	21.462	21.675	BB	60780	1414494	78.48%	4.256%
Sum of corrected areas:							33235999	

Aliphatic EPH 010824.M Tue Jan 09 00:18:59 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
 Data File : FC065555.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jan 2024 14:34
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 15:07:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:07:01 2024
 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)	11.491	913168	5.021 ug/ml
Spiked Amount 50.000		Recovery =	10.04%
12) S 1-chlorooctadecane (S...	12.924	672015	4.985 ug/ml
Spiked Amount 50.000		Recovery =	9.97%
Target Compounds			
1) T n-Nonane (C9)	3.287	761008	4.872 ug/ml
2) T n-Decane (C10)	4.349	762340	4.819 ug/ml
3) T A~Naphthalene (C11.7)	5.945	760676	4.672 ug/mlm
4) T n-Dodecane (C12)	6.361	777546	4.846 ug/ml
5) T A~2-methylnaphthalene...	7.002	644281	4.251 ug/mlm
6) T n-Tetradecane (C14)	8.150	758788	4.838 ug/ml
7) T n-Hexadecane (C16)	9.743	770975	4.821 ug/ml
8) T n-Octadecane (C18)	11.177	817879	4.994 ug/ml
10) T n-Eicosane (C20)	12.480	806946	5.066 ug/ml
11) T n-Heneicosane (C21)	13.087	795366	5.069 ug/ml
13) T n-Docosane (C22)	13.671	791193	5.067 ug/ml
14) T n-Tetracosane (C24)	14.769	783803	5.043 ug/ml
15) T n-Hexacosane (C26)	15.785	776820	5.060 ug/ml
16) T n-Octacosane (C28)	16.729	763589	5.066 ug/ml
17) T n-Tricontane (C30)	17.613	785936	5.146 ug/ml
18) T n-Dotriacontane (C32)	18.442	777178	5.161 ug/ml
19) T n-Tetratriacontane (C34)	19.220	732351	5.101 ug/ml
20) T n-Hexatriacontane (C36)	19.957	694583	5.042 ug/ml
21) T n-Octatriacontane (C38)	20.675	706241	5.105 ug/ml
22) T n-Tetracontane (C40)	21.543	712526	5.149 ug/ml

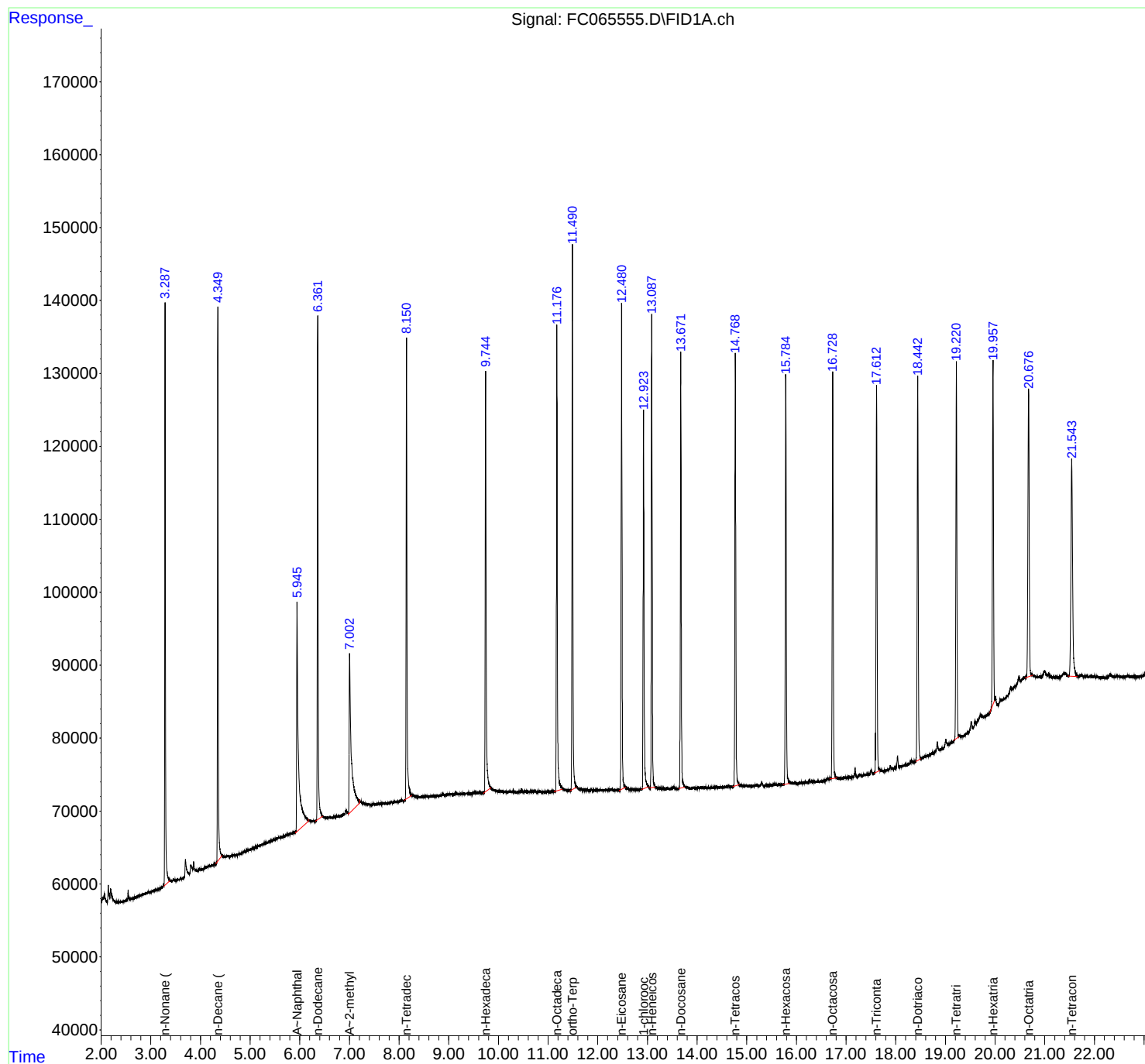
(f)=RT Delta > 1/2 Window

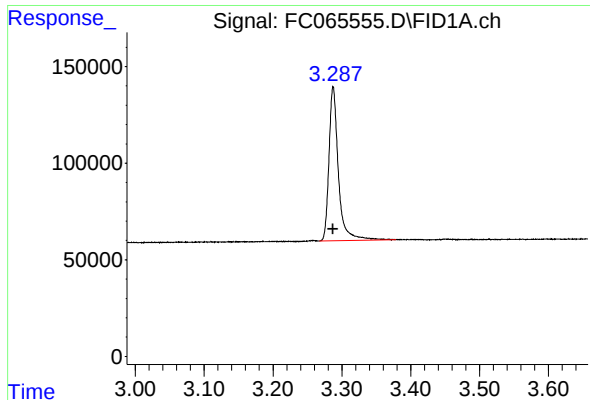
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065555.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 14:34
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 15:07:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 15:07:01 2024
Response via : Initial Calibration
Integrator: ChemStation

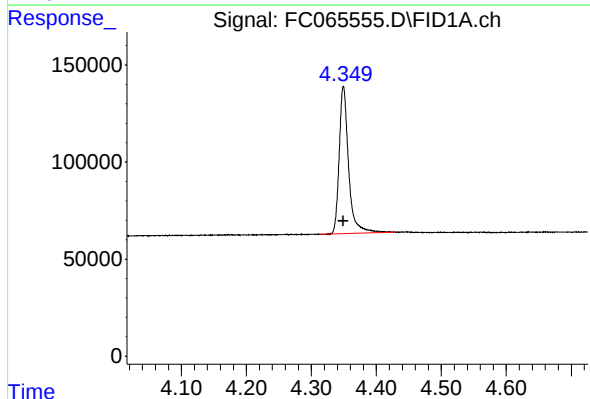
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





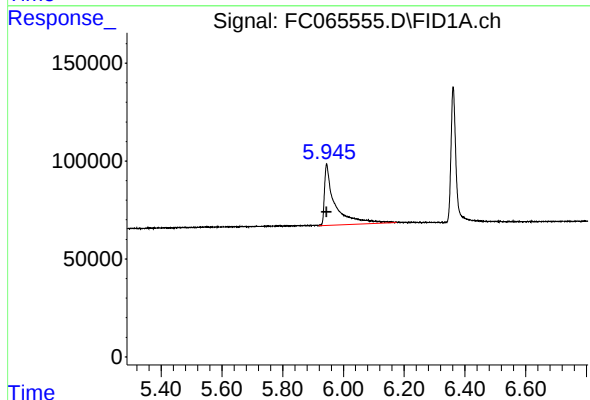
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 761008
Conc: 4.87 ug/ml



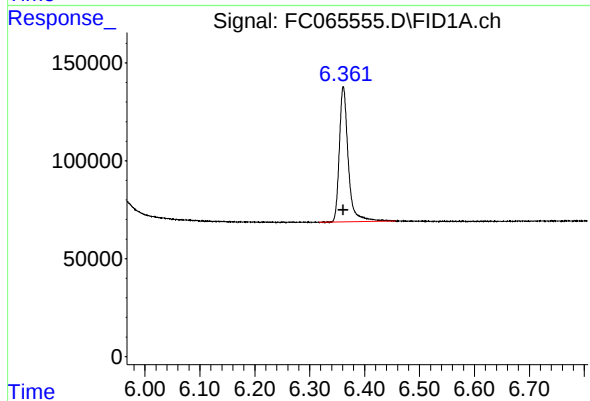
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 762340
Conc: 4.82 ug/ml



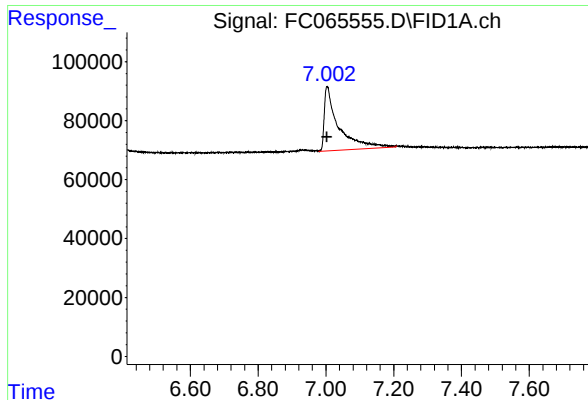
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 760676
Conc: 4.67 ug/ml m



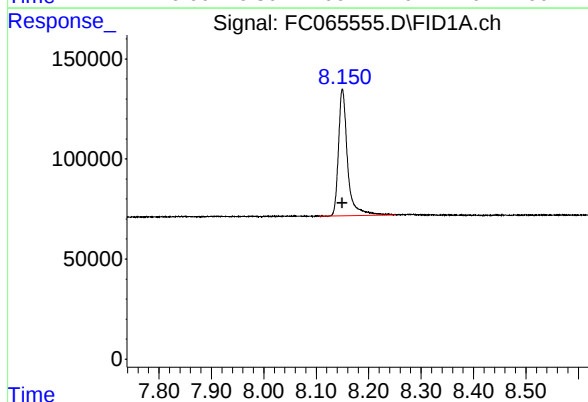
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 777546
Conc: 4.85 ug/ml



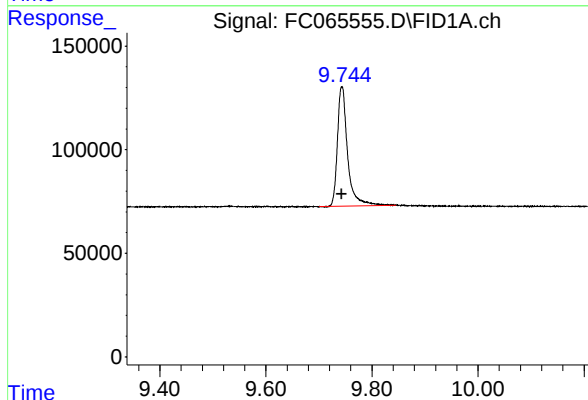
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 644281
Conc: 4.25 ug/ml m



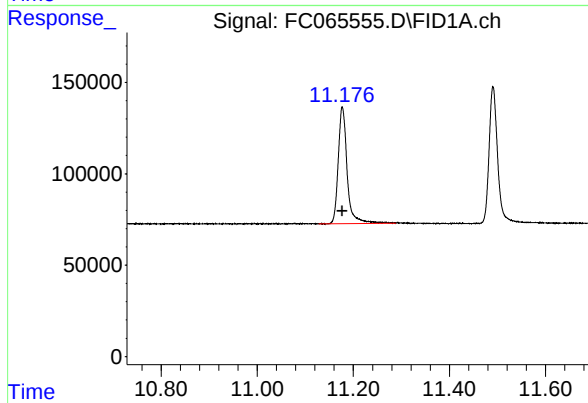
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 758788
Conc: 4.84 ug/ml



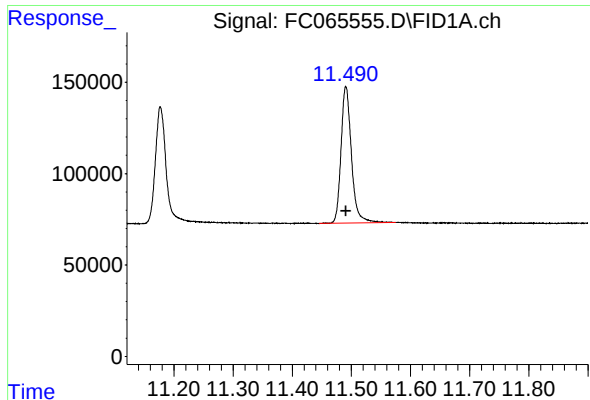
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 770975
Conc: 4.82 ug/ml



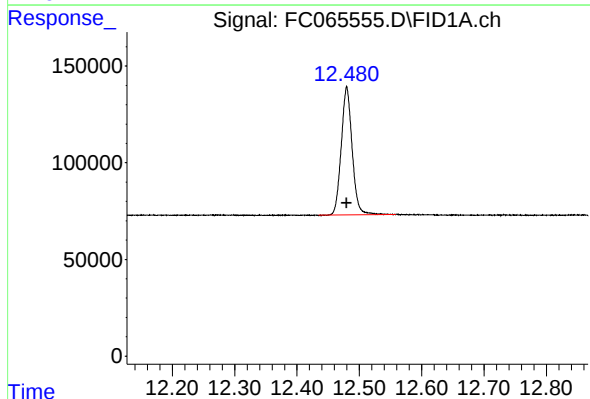
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 817879
Conc: 4.99 ug/ml



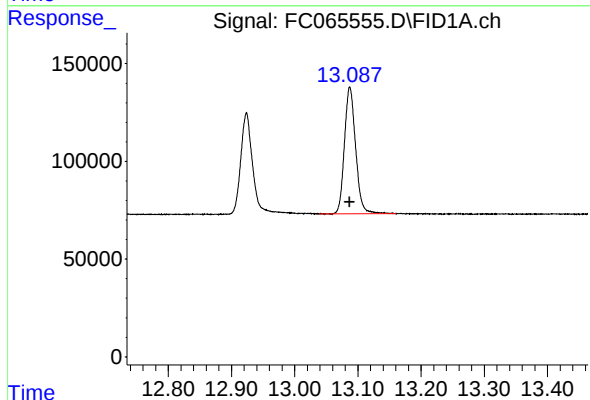
#9 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: 0.000 min
Response: 913168
Conc: 5.02 ug/ml



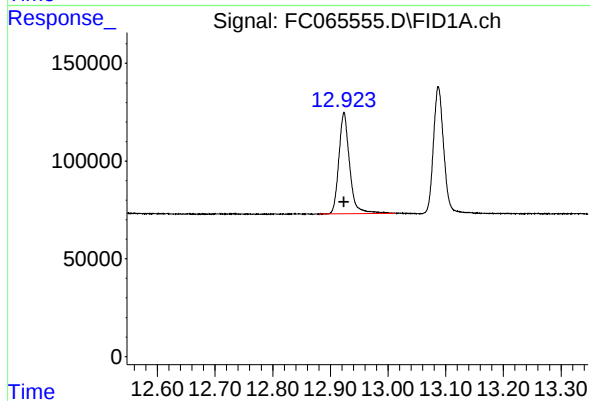
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 806946
Conc: 5.07 ug/ml



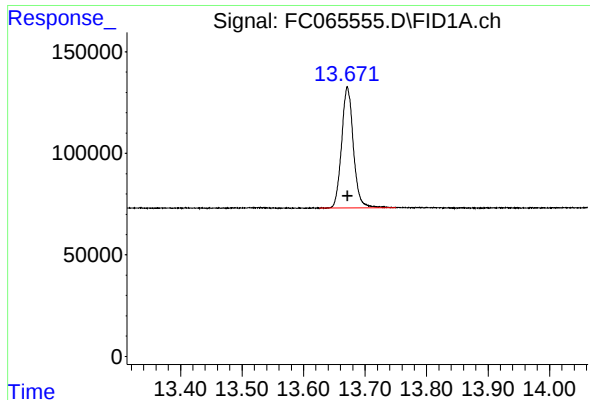
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.000 min
Response: 795366
Conc: 5.07 ug/ml



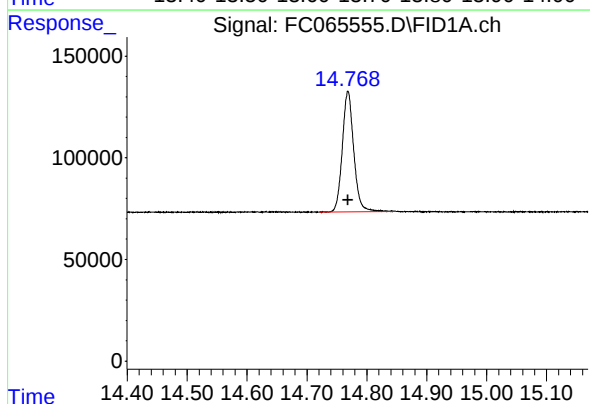
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 672015
Conc: 4.99 ug/ml



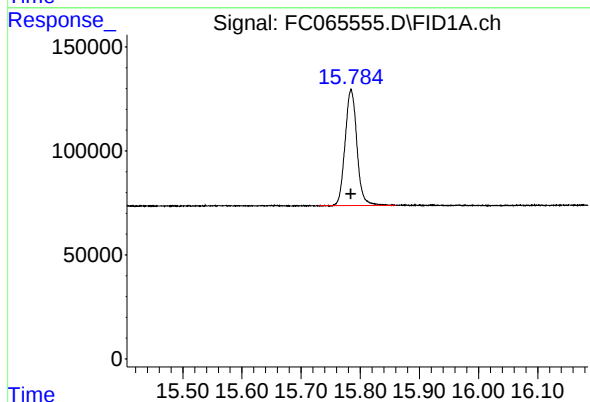
#13 n-Docosane (C22)

R.T.: 13.671 min
Delta R.T.: 0.000 min
Response: 791193
Conc: 5.07 ug/ml



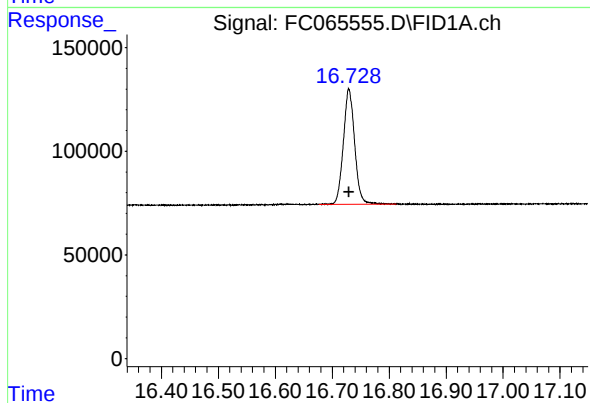
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: 0.000 min
Response: 783803
Conc: 5.04 ug/ml



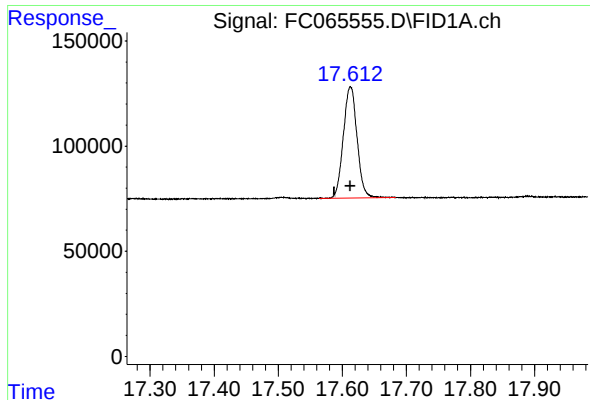
#15 n-Hexacosane (C26)

R.T.: 15.785 min
Delta R.T.: 0.000 min
Response: 776820
Conc: 5.06 ug/ml



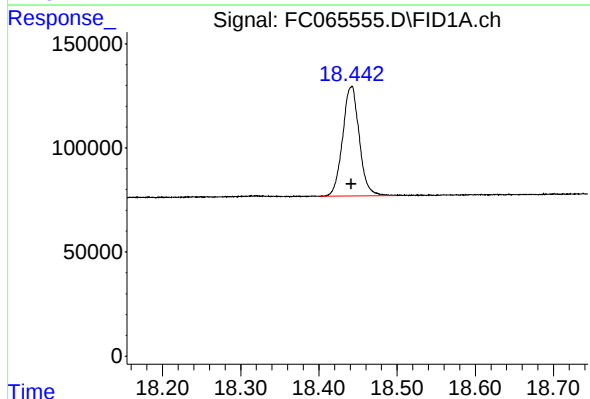
#16 n-Octacosane (C28)

R.T.: 16.729 min
Delta R.T.: 0.000 min
Response: 763589
Conc: 5.07 ug/ml



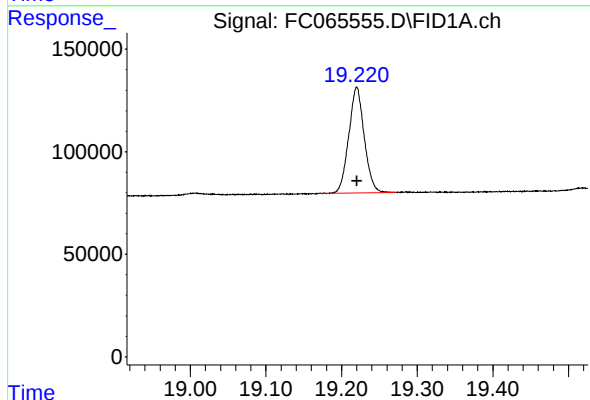
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.000 min
Response: 785936
Conc: 5.15 ug/ml



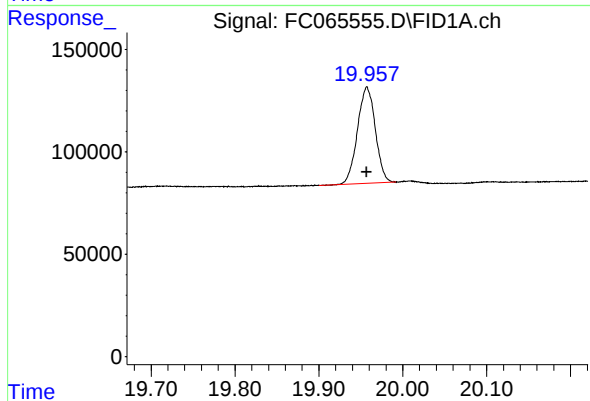
#18 n-Dotriacontane (C32)

R.T.: 18.442 min
Delta R.T.: 0.000 min
Response: 777178
Conc: 5.16 ug/ml



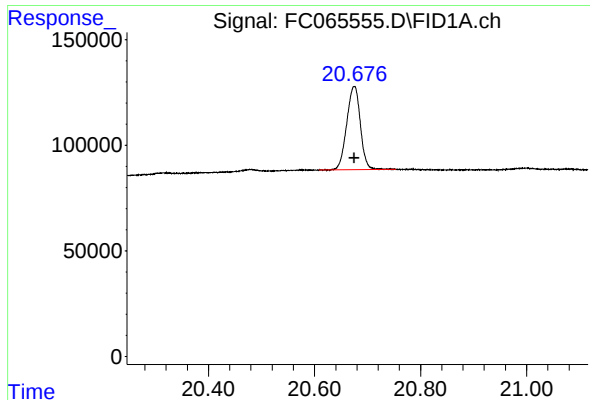
#19 n-Tetratriacontane (C34)

R.T.: 19.220 min
Delta R.T.: 0.000 min
Response: 732351
Conc: 5.10 ug/ml



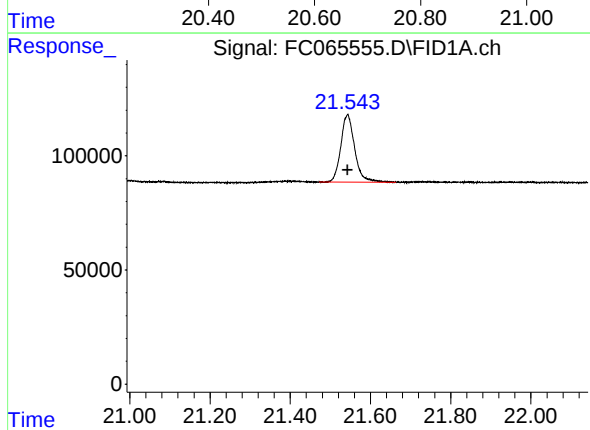
#20 n-Hexatriacontane (C36)

R.T.: 19.957 min
Delta R.T.: 0.000 min
Response: 694583
Conc: 5.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.675 min
Delta R.T.: 0.000 min
Response: 706241
Conc: 5.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.543 min
Delta R.T.: 0.000 min
Response: 712526
Conc: 5.15 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065555.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 14:34
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.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	3.287	3.267	3.379	VB	79790	761008	83.34%	4.588%
2	4.349	4.312	4.430	BB	75897	762340	83.48%	4.596%
3	5.945	5.880	6.100	BB	30912	650050	71.19%	3.919%
4	6.361	6.317	6.457	BB	69087	777546	85.15%	4.688%
5	7.004	6.964	7.170	BB	21451	575475	63.02%	3.470%
6	8.150	8.105	8.252	BB	63259	758788	83.09%	4.575%
7	9.743	9.700	9.845	BB	57608	770975	84.43%	4.648%
8	11.177	11.129	11.289	BB	63820	817879	89.57%	4.931%
9	11.491	11.445	11.575	BB	74811	913168	100.00%	5.506%
10	12.480	12.435	12.559	BB	66486	806946	88.37%	4.865%
11	12.924	12.880	13.014	BB	51892	672015	73.59%	4.052%
12	13.087	13.039	13.160	BB	64925	795366	87.10%	4.795%
13	13.671	13.625	13.750	BB	59560	791193	86.64%	4.770%
14	14.769	14.720	14.849	BB	59220	783803	85.83%	4.726%
15	15.785	15.730	15.860	BB	55995	776820	85.07%	4.684%
16	16.729	16.677	16.812	BB	55692	763589	83.62%	4.604%
17	17.613	17.564	17.684	BB	52957	785936	86.07%	4.739%
18	18.442	18.400	18.499	BB	52511	777178	85.11%	4.686%
19	19.220	19.170	19.272	BB	51670	732351	80.20%	4.416%
20	19.957	19.900	19.992	BV	47075	694583	76.06%	4.188%
21	20.675	20.609	20.754	BB	39414	706241	77.34%	4.258%
22	21.543	21.472	21.664	BB	29801	712526	78.03%	4.296%
Sum of corrected areas:							16585778	

Aliphatic EPH 010824.M Tue Jan 09 00:19:13 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
 Data File : FC065556.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jan 2024 15:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 17:04:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 2024
 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)	11.491	3655618	20.102 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
12) S 1-chlorooctadecane (S...	12.922	2717765	20.162 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T n-Nonane (C9)	3.286	3156572	20.207 ug/ml
2) T n-Decane (C10)	4.349	3219460	20.351 ug/ml
3) T A~Naphthalene (C11.7)	5.933	3418558	20.442 ug/ml
4) T n-Dodecane (C12)	6.361	3255217	20.289 ug/ml
5) T A~2-methylnaphthalene...	6.988	3151212	20.421 ug/ml
6) T n-Tetradecane (C14)	8.149	3173568	20.234 ug/ml
7) T n-Hexadecane (C16)	9.742	3232135	20.210 ug/ml
8) T n-Octadecane (C18)	11.178	3302283	20.162 ug/ml
10) T n-Eicosane (C20)	12.480	3205885	20.127 ug/ml
11) T n-Heneicosane (C21)	13.089	3160360	20.143 ug/ml
13) T n-Docosane (C22)	13.673	3144712	20.141 ug/ml
14) T n-Tetracosane (C24)	14.769	3126154	20.113 ug/ml
15) T n-Hexacosane (C26)	15.786	3082575	20.080 ug/ml
16) T n-Octacosane (C28)	16.730	3022217	20.051 ug/ml
17) T n-Tricontane (C30)	17.613	3048580	19.961 ug/ml
18) T n-Dotriacontane (C32)	18.442	2974381	19.754 ug/ml
19) T n-Tetratriacontane (C34)	19.221	2867495	19.971 ug/ml
20) T n-Hexatriacontane (C36)	19.957	2754514	19.995 ug/ml
21) T n-Octatriacontane (C38)	20.671	2766180	19.994 ug/ml
22) T n-Tetracontane (C40)	21.542	2737872	19.786 ug/ml

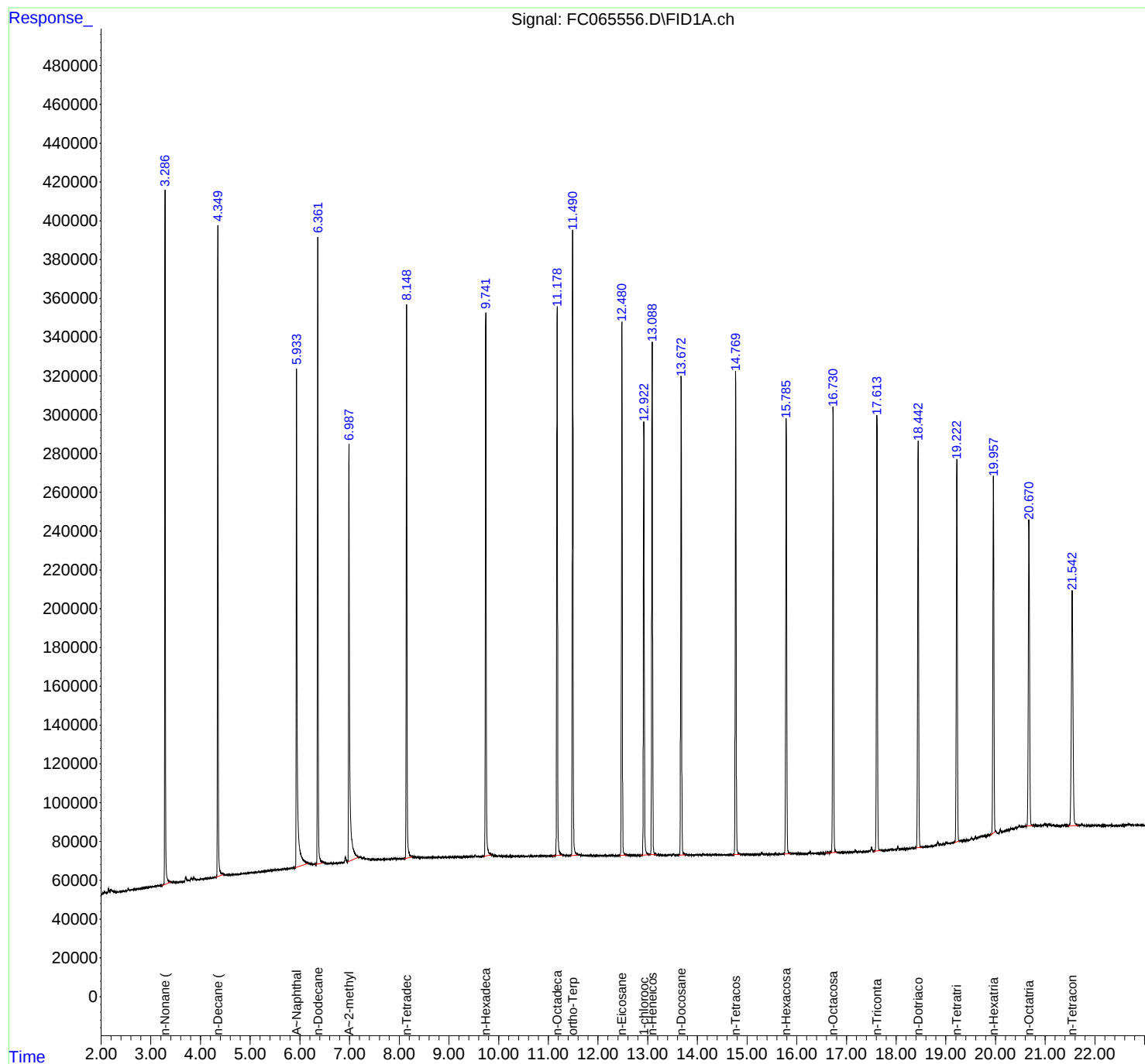
(f)=RT Delta > 1/2 Window

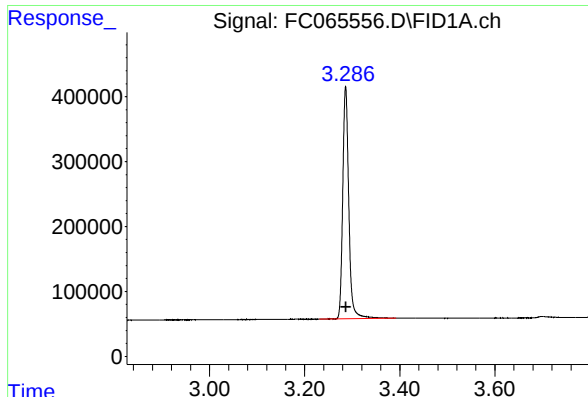
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065556.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 15:12
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 08 17:04:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
Quant Title : GC Extractables
QLast Update : Mon Jan 08 15:12:33 2024
Response via : Initial Calibration
Integrator: ChemStation

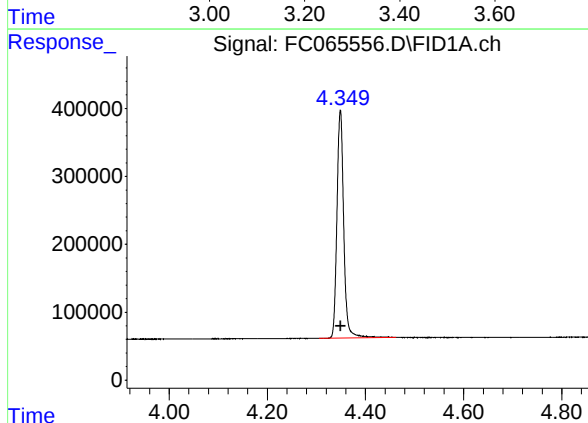
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





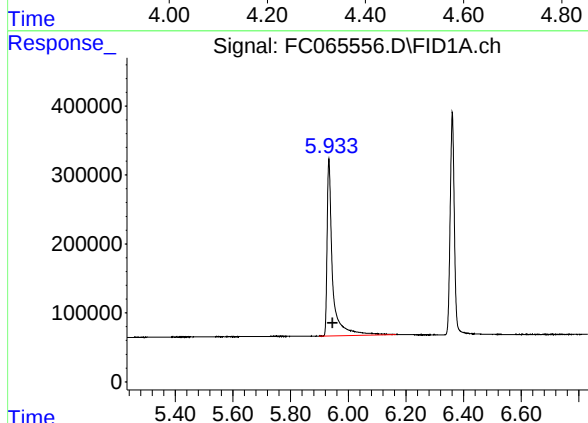
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 3156572
Conc: 20.21 ug/ml



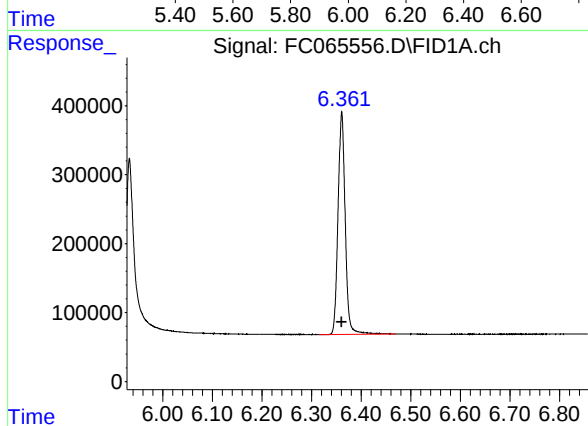
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 3219460
Conc: 20.35 ug/ml



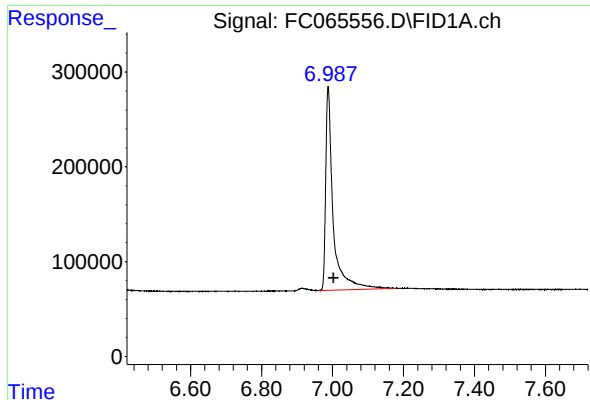
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.012 min
Response: 3418558
Conc: 20.44 ug/ml



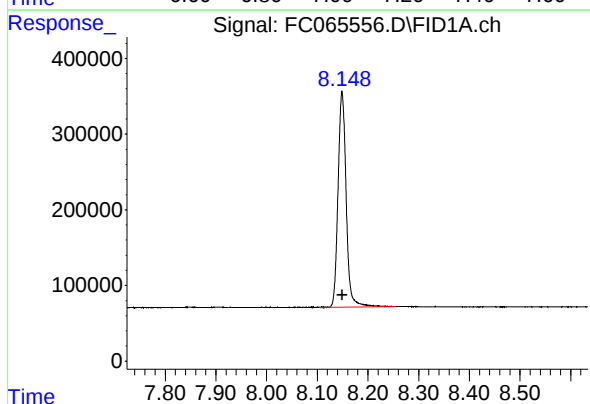
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 3255217
Conc: 20.29 ug/ml



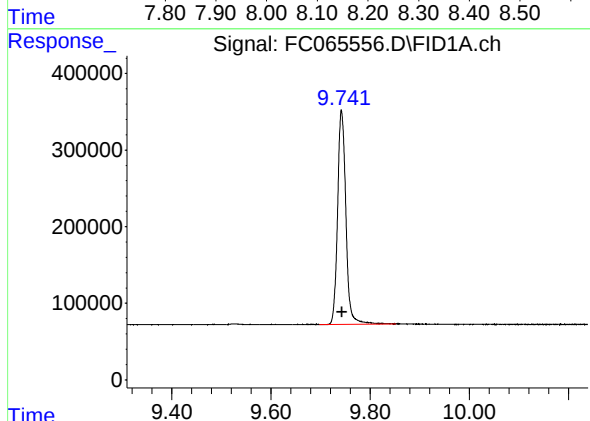
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.016 min
Response: 3151212
Conc: 20.42 ug/ml



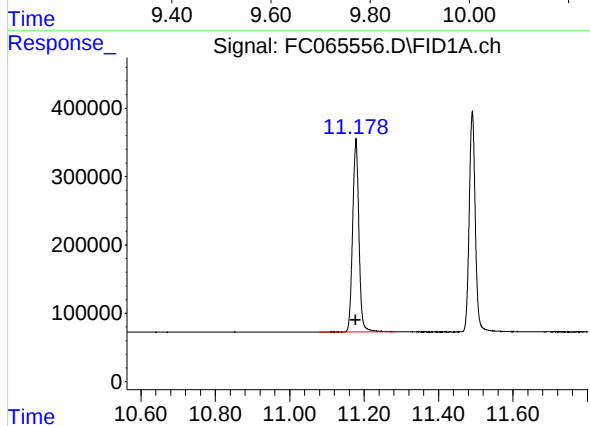
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: -0.001 min
Response: 3173568
Conc: 20.23 ug/ml



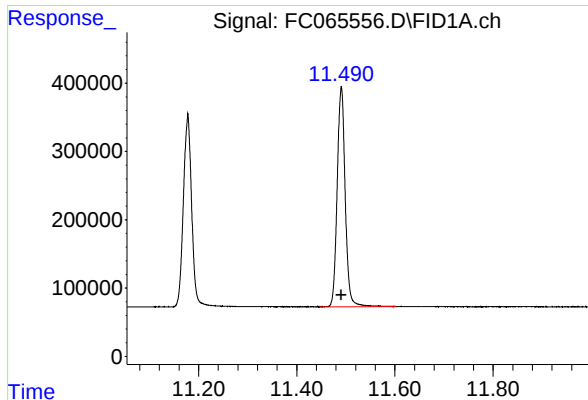
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.001 min
Response: 3232135
Conc: 20.21 ug/ml



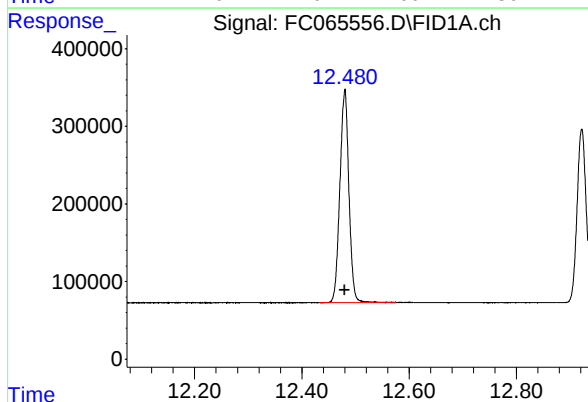
#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 3302283
Conc: 20.16 ug/ml



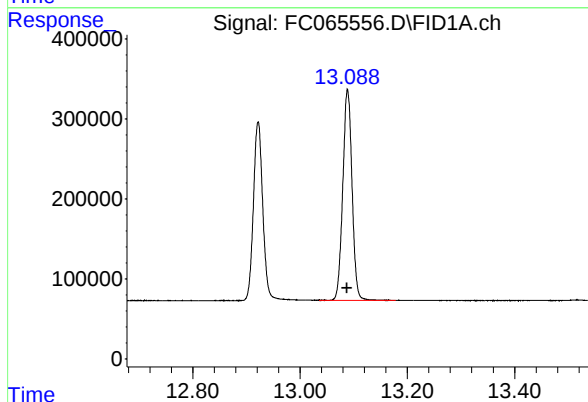
#9 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: 0.000 min
Response: 3655618
Conc: 20.10 ug/ml



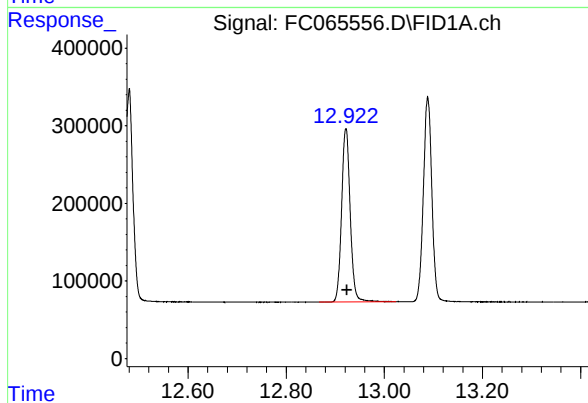
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 3205885
Conc: 20.13 ug/ml



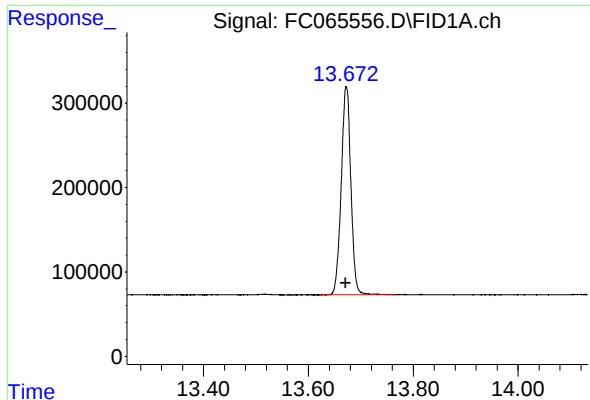
#11 n-Heneicosane (C21)

R.T.: 13.089 min
Delta R.T.: 0.001 min
Response: 3160360
Conc: 20.14 ug/ml



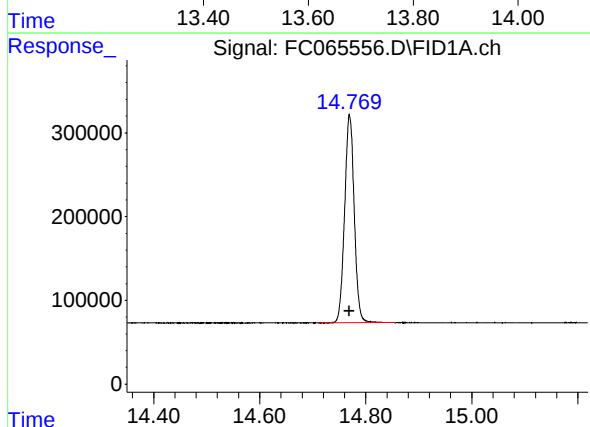
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min
Delta R.T.: -0.002 min
Response: 2717765
Conc: 20.16 ug/ml



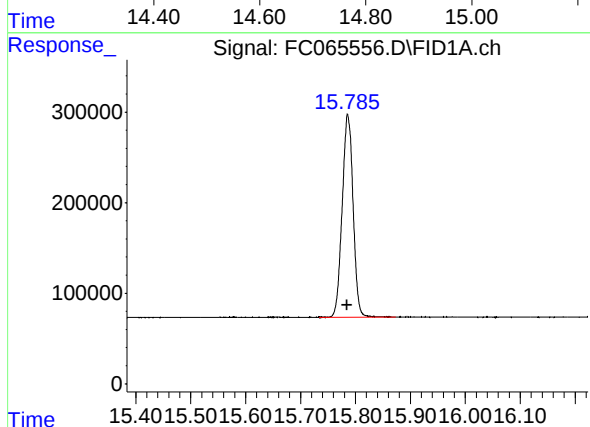
#13 n-Docosane (C22)

R.T.: 13.673 min
Delta R.T.: 0.001 min
Response: 3144712
Conc: 20.14 ug/ml



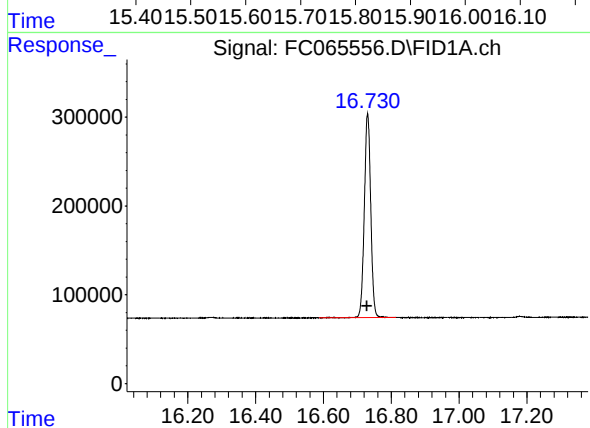
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: 0.000 min
Response: 3126154
Conc: 20.11 ug/ml



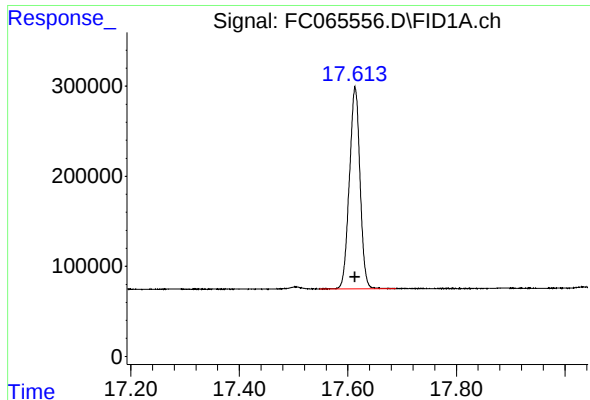
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: 0.001 min
Response: 3082575
Conc: 20.08 ug/ml



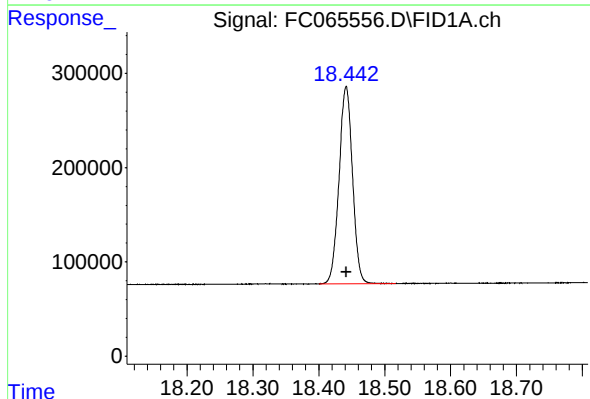
#16 n-Octacosane (C28)

R.T.: 16.730 min
Delta R.T.: 0.001 min
Response: 3022217
Conc: 20.05 ug/ml



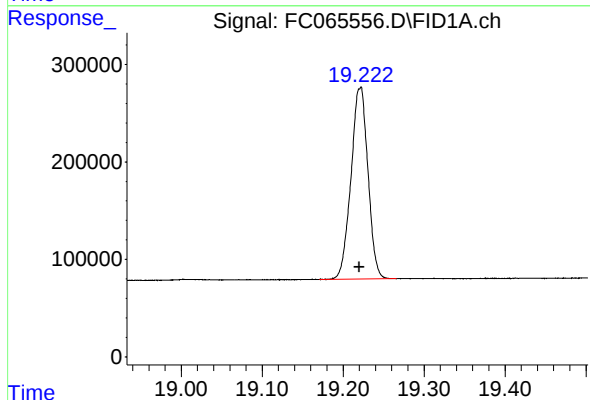
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.000 min
Response: 3048580
Conc: 19.96 ug/ml



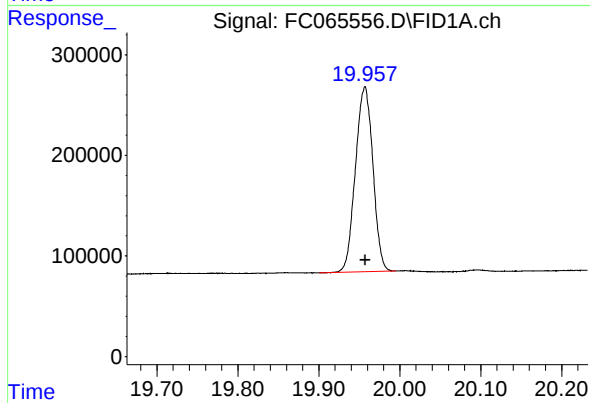
#18 n-Dotriacontane (C32)

R.T.: 18.442 min
Delta R.T.: 0.000 min
Response: 2974381
Conc: 19.75 ug/ml



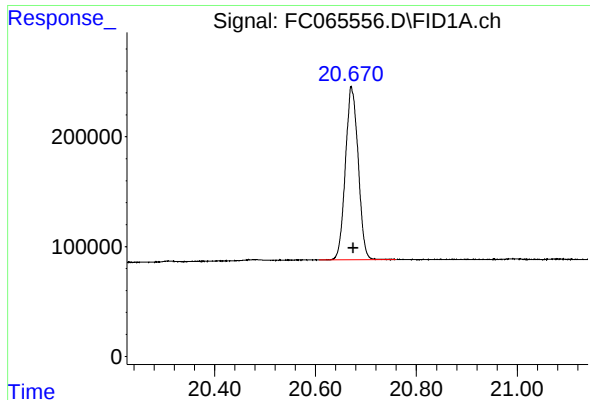
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min
Delta R.T.: 0.001 min
Response: 2867495
Conc: 19.97 ug/ml



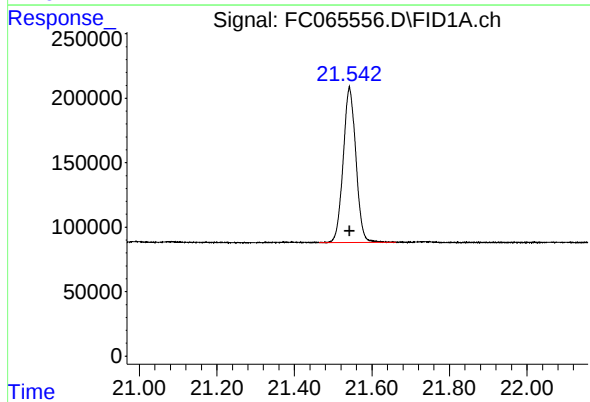
#20 n-Hexatriacontane (C36)

R.T.: 19.957 min
Delta R.T.: 0.000 min
Response: 2754514
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.671 min
Delta R.T.: -0.004 min
Response: 2766180
Conc: 19.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.542 min
Delta R.T.: -0.001 min
Response: 2737872
Conc: 19.79 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
Data File : FC065556.D
Signal(s) : FID1A.ch
Acq On : 08 Jan 2024 15:12
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.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	3.286	3.230	3.392	BB	358187	3156572	86.35%	4.630%
2	4.349	4.305	4.462	BB	335820	3219460	88.07%	4.722%
3	5.933	5.899	6.165	BB	256721	3418558	93.52%	5.015%
4	6.361	6.315	6.470	BB	322032	3255217	89.05%	4.775%
5	6.988	6.962	7.179	PB	214355	3151212	86.20%	4.622%
6	8.149	8.104	8.255	BB	285174	3173568	86.81%	4.655%
7	9.742	9.697	9.852	BB	279439	3232135	88.42%	4.741%
8	11.178	11.079	11.285	BB	282922	3302283	90.33%	4.844%
9	11.491	11.445	11.602	BB	321702	3655618	100.00%	5.362%
10	12.480	12.432	12.575	BB	274846	3205885	87.70%	4.703%
11	12.922	12.867	13.024	BB	223494	2717765	74.34%	3.987%
12	13.089	13.035	13.179	BB	263719	3160360	86.45%	4.636%
13	13.673	13.620	13.767	BB	247122	3144712	86.02%	4.613%
14	14.769	14.712	14.857	BB	249128	3126154	85.52%	4.586%
15	15.786	15.734	15.874	BB	224559	3082575	84.32%	4.522%
16	16.730	16.587	16.814	BB	229389	3022217	82.67%	4.433%
17	17.613	17.547	17.689	PB	223754	3048580	83.39%	4.472%
18	18.442	18.400	18.517	BB	209695	2974381	81.36%	4.363%
19	19.221	19.170	19.265	BB	197401	2867495	78.44%	4.206%
20	19.957	19.900	19.995	BV	184207	2754514	75.35%	4.040%
21	20.671	20.607	20.759	BBA	157892	2766180	75.67%	4.058%
22	21.542	21.464	21.662	BB	120975	2737872	74.89%	4.016%
Sum of corrected areas:							68173314	

Aliphatic EPH 010824.M Tue Jan 09 00:19:28 2024