

Initial Calibration Report for SequenceID : FD051324AL

AreaCount

Parameter Range	FD047730.D	FD047731.D	FD047732.D	FD047733.D	FD047734.D	
Aliphatic C9-C12	67548413.000	25291953.000	11917374.000	5788523.000	2947909.000	
Aliphatic C12-C16	45127332.000	17094418.000	8065562.000	3895111.000	1970360.000	
Aliphatic C16-C21	66718103.000	25462554.000	12015519.000	5832426.000	2964411.000	
Aliphatic C21-C28	82819434.000	31505914.000	14925402.000	7359727.000	3640527.000	
Aliphatic C28-C40	107037043.000	40661719.000	19312578.000	9384050.000	4756075.000	
Aliphatic EPH	369250325.000	140016558.000	66236435.000	32259837.000	16279282.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	196375.0659996	10.236				
Aliphatic C12-C16	198002.288	9.847				
Aliphatic C16-C21	196888.8573332	9.519				
Aliphatic C21-C28	183433.041	9.602				
Aliphatic C28-C40	157961.790333	9.663				
Aliphatic EPH	180961.0695552	9.735				

Concentration

Parameter Range	FD047730.D	FD047731.D	FD047732.D	FD047733.D	FD047734.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	FD047730.D	FD047731.D	FD047732.D	FD047733.D	FD047734.D	
Aliphatic C9-C12	225161.376666	168613.020000	198622.900000	192950.766666	196527.266666	
Aliphatic C12-C16	225636.660000	170944.180000	201639.050000	194755.550000	197036.000000	
Aliphatic C16-C21	222393.676666	169750.360000	200258.650000	194414.200000	197627.400000	

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Aliphatic C21-C28	207048.585000	157529.570000	186567.525000	183993.175000	182026.350000	
Aliphatic C28-C40	178395.071666	135539.063333	160938.150000	156400.833333	158535.833333	
Aliphatic EPH	205139.069444	155573.953333	183990.097222	179221.316666	180880.911111	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047730.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 09:59
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 13 11:51:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 11:49:19 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)	11.369	24700856	105.260 ug/ml
Spiked Amount 50.000		Recovery =	210.52%
12) S 1-chlorooctadecane (S...	12.804	18539424	105.405 ug/ml
Spiked Amount 50.000		Recovery =	210.81%
Target Compounds			
1) T n-Nonane (C9)	3.194	21971803	106.145 ug/ml
2) T n-Decane (C10)	4.248	22869141	106.655 ug/ml
3) T A~Naphthalene (C11.7)	5.807	25372590	106.735 ug/ml
4) T n-Dodecane (C12)	6.250	22707469	105.983 ug/ml
5) T A~2-methylnaphthalene...	6.859	24462944	106.698 ug/ml
6) T n-Tetradecane (C14)	8.036	22252585	105.730 ug/ml
7) T n-Hexadecane (C16)	9.630	22874747	105.507 ug/ml
8) T n-Octadecane (C18)	11.067	23038056	105.420 ug/ml
10) T n-Eicosane (C20)	12.367	22067894	105.201 ug/ml
11) T n-Heneicosane (C21)	12.976	21612153	105.080 ug/ml
13) T n-Docosane (C22)	13.559	21443480	105.144 ug/ml
14) T n-Tetracosane (C24)	14.656	21164375	105.301 ug/ml
15) T n-Hexacosane (C26)	15.673	20489575	105.226 ug/ml
16) T n-Octacosane (C28)	16.617	19722004	105.139 ug/ml
17) T n-Tricontane (C30)	17.500	19638393	105.006 ug/ml
18) T n-Dotriacontane (C32)	18.329	18893367	104.476 ug/ml
19) T n-Tetratriacontane (C34)	19.107	18116957	104.877 ug/ml
20) T n-Hexatriacontane (C36)	19.844	17252152	105.206 ug/ml
21) T n-Octatriacontane (C38)	20.545	16820394	105.367 ug/ml
22) T n-Tetracontane (C40)	21.359	16315780	106.104 ug/ml

(f)=RT Delta > 1/2 Window

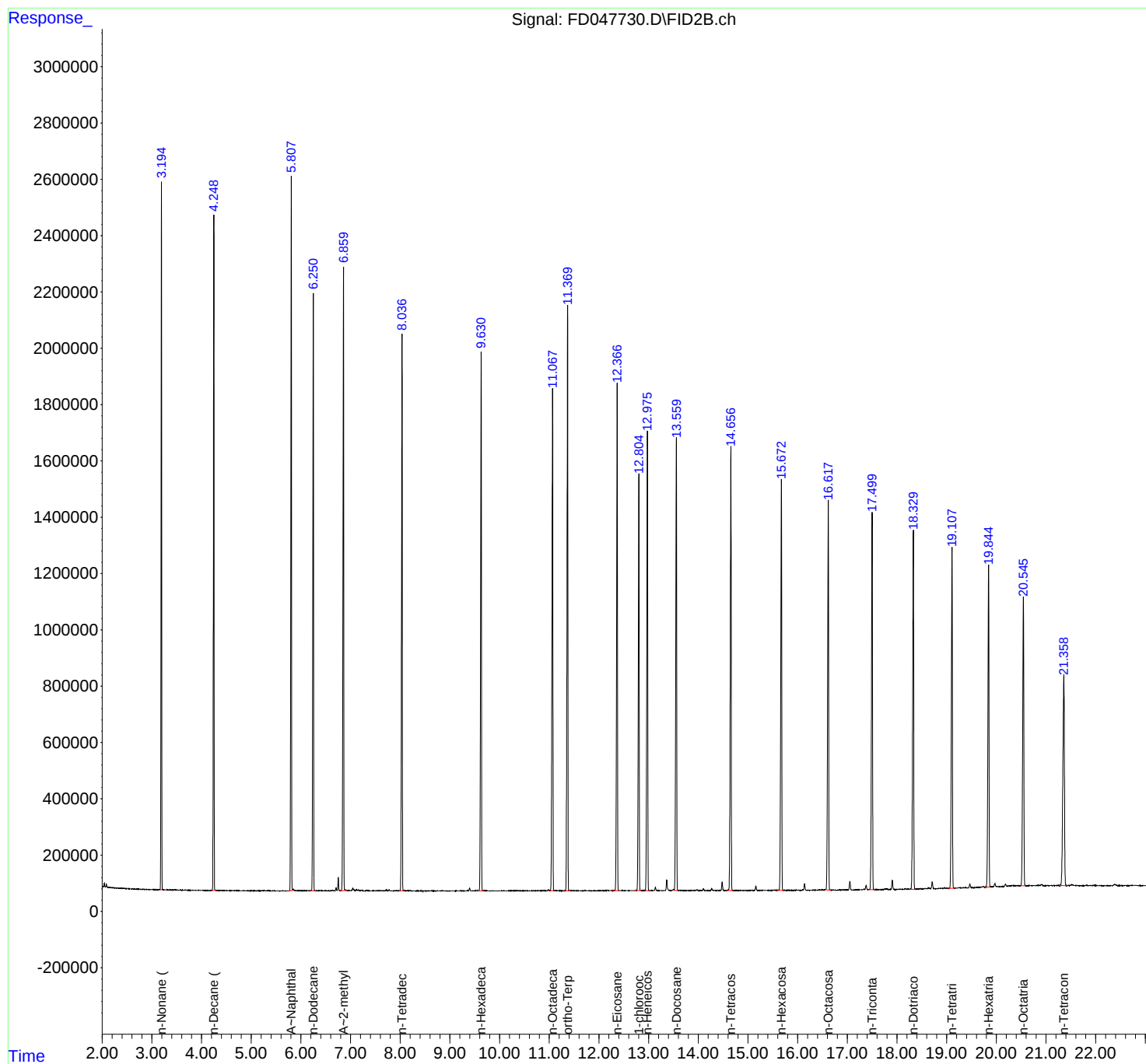
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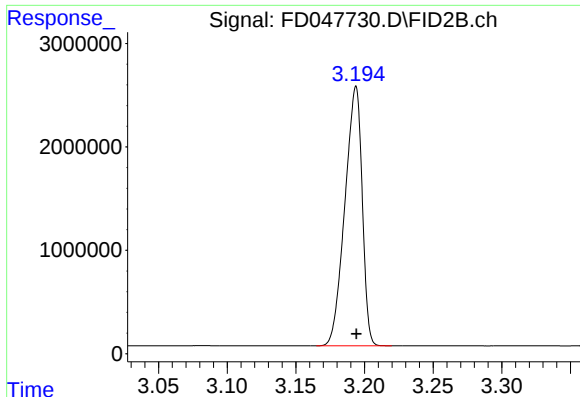
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047730.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 09:59
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: May 13 11:51:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 11:49:19 2024
Response via : Initial Calibration
Integrator: ChemStation

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

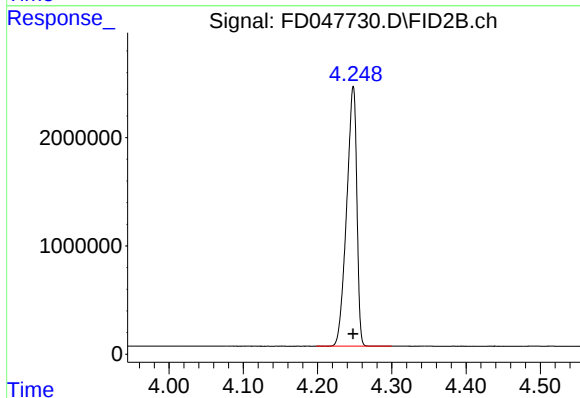




#1 n-Nonane (C9)

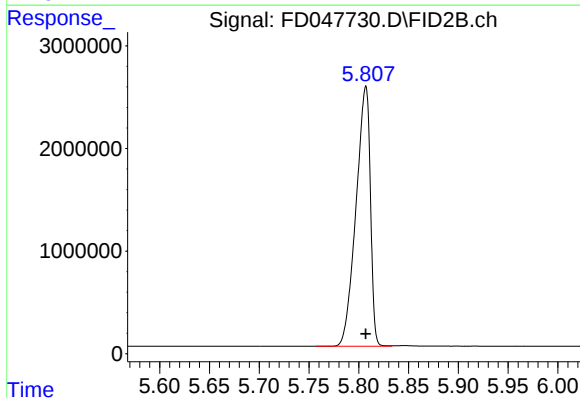
R.T.: 3.194 min
Delta R.T.: 0.000 min
Response: 21971803
Conc: 106.14 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



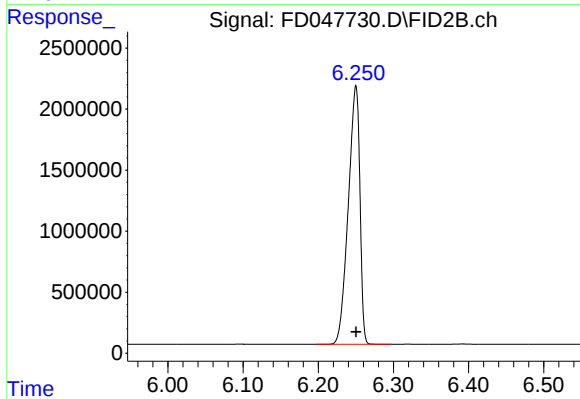
#2 n-Decane (C10)

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 22869141
Conc: 106.65 ug/ml



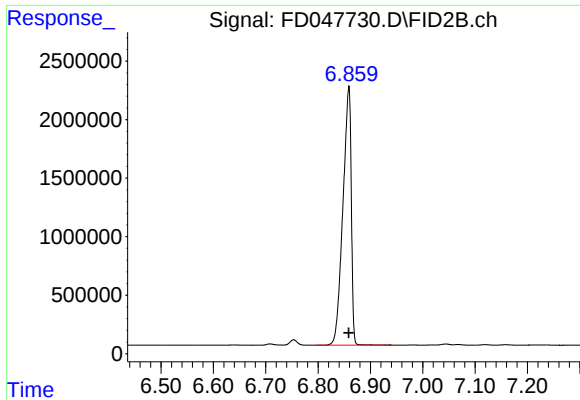
#3 A~Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 25372590
Conc: 106.74 ug/ml



#4 n-Dodecane (C12)

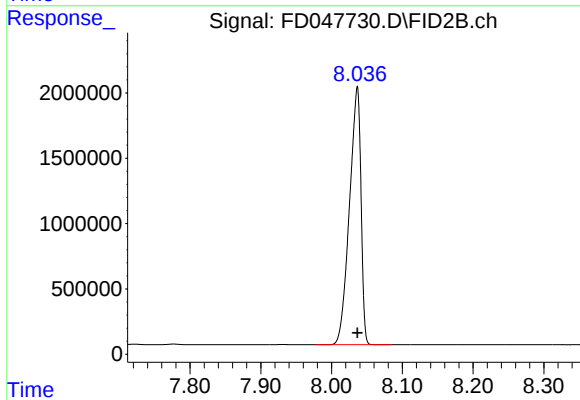
R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 22707469
Conc: 105.98 ug/ml



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

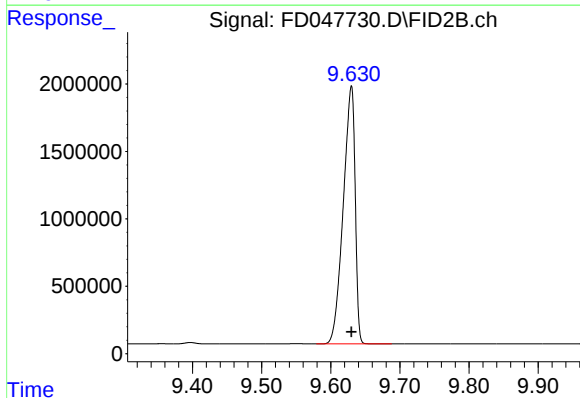
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 24462944
Conc: 106.70 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



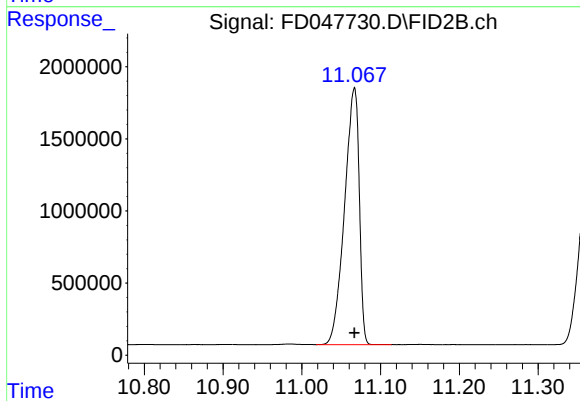
#6 n-Tetradecane (C14)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 22252585
Conc: 105.73 ug/ml



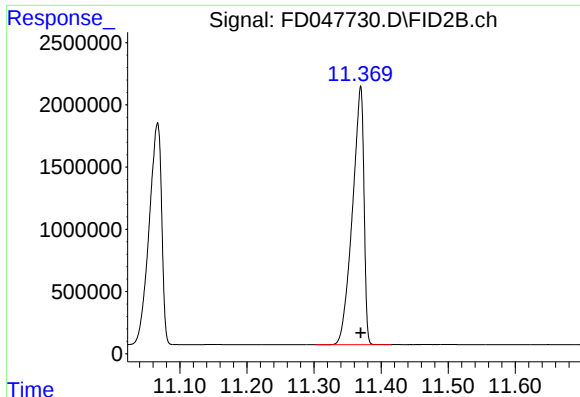
#7 n-Hexadecane (C16)

R.T.: 9.630 min
Delta R.T.: 0.000 min
Response: 22874747
Conc: 105.51 ug/ml



#8 n-Octadecane (C18)

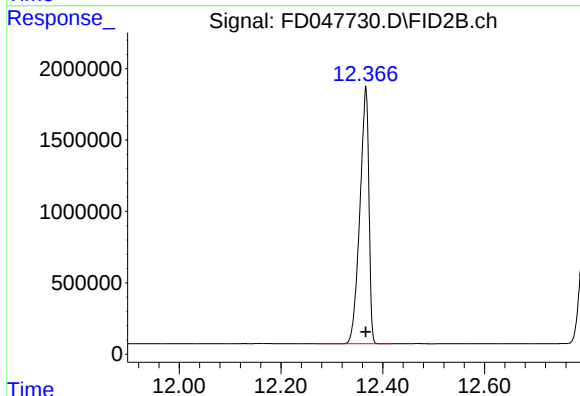
R.T.: 11.067 min
Delta R.T.: 0.000 min
Response: 23038056
Conc: 105.42 ug/ml



#9 ortho-Terphenyl (SURR)

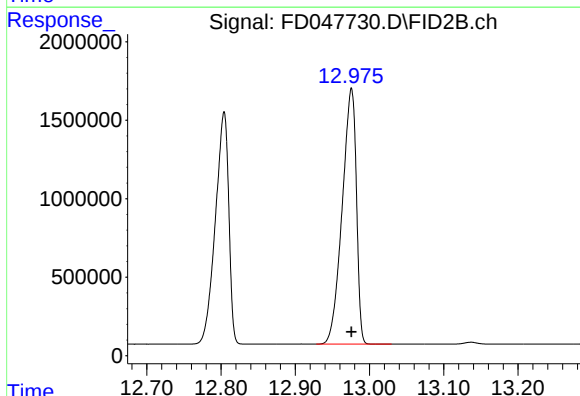
R.T.: 11.369 min
Delta R.T.: 0.000 min
Response: 24700856
Conc: 105.26 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



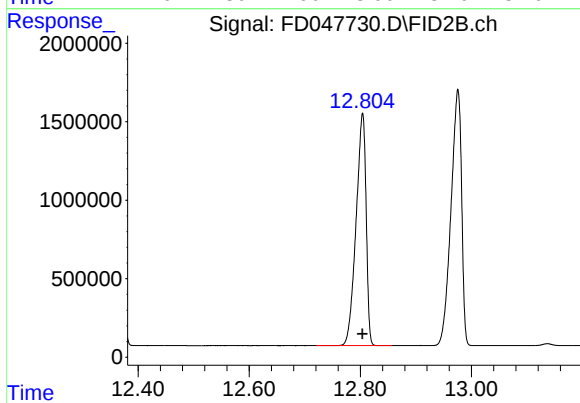
#10 n-Eicosane (C20)

R.T.: 12.367 min
Delta R.T.: 0.000 min
Response: 22067894
Conc: 105.20 ug/ml



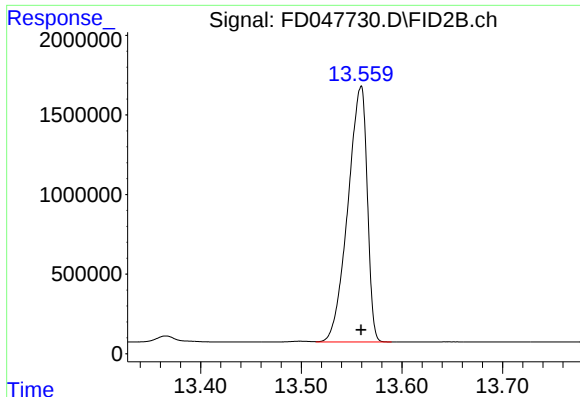
#11 n-Heneicosane (C21)

R.T.: 12.976 min
Delta R.T.: 0.000 min
Response: 21612153
Conc: 105.08 ug/ml



#12 1-chlorooctadecane (SURR)

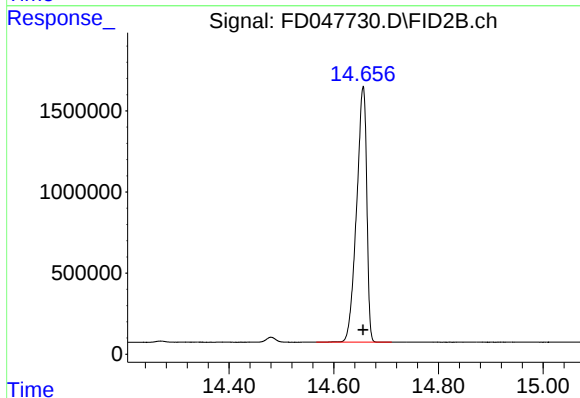
R.T.: 12.804 min
Delta R.T.: 0.000 min
Response: 18539424
Conc: 105.41 ug/ml



#13 n-Docosane (C22)

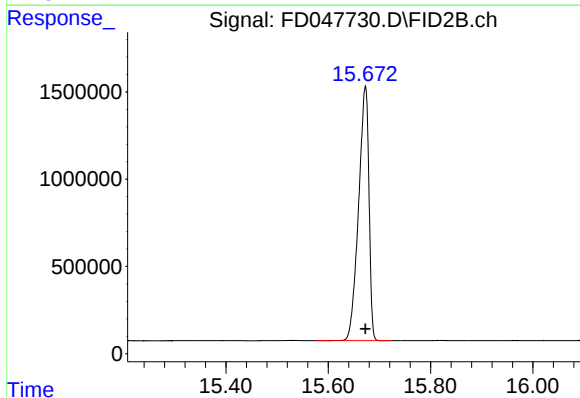
R.T.: 13.559 min
Delta R.T.: 0.000 min
Response: 21443480
Conc: 105.14 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



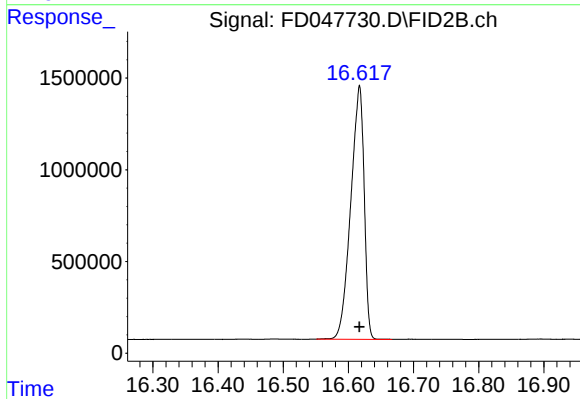
#14 n-Tetracosane (C24)

R.T.: 14.656 min
Delta R.T.: 0.000 min
Response: 21164375
Conc: 105.30 ug/ml



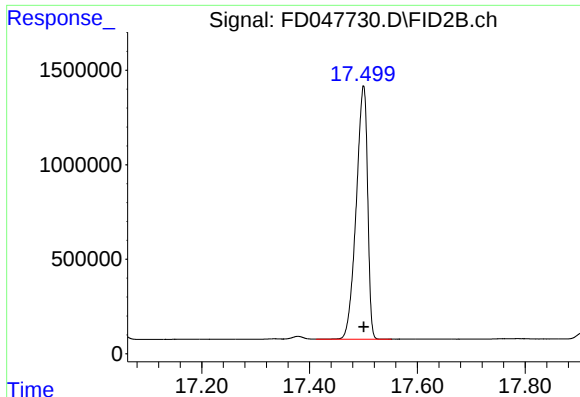
#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: 0.000 min
Response: 20489575
Conc: 105.23 ug/ml



#16 n-Octacosane (C28)

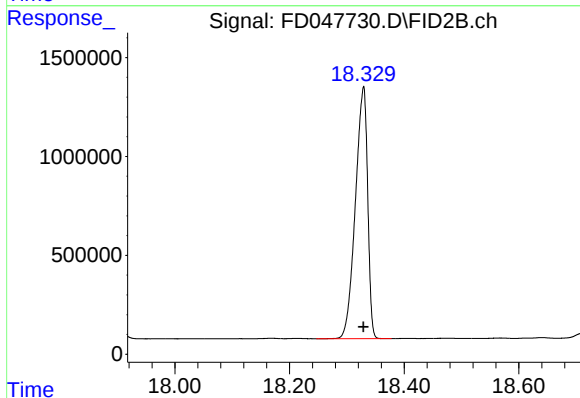
R.T.: 16.617 min
Delta R.T.: 0.000 min
Response: 19722004
Conc: 105.14 ug/ml



#17 n-Tricontane (C30)

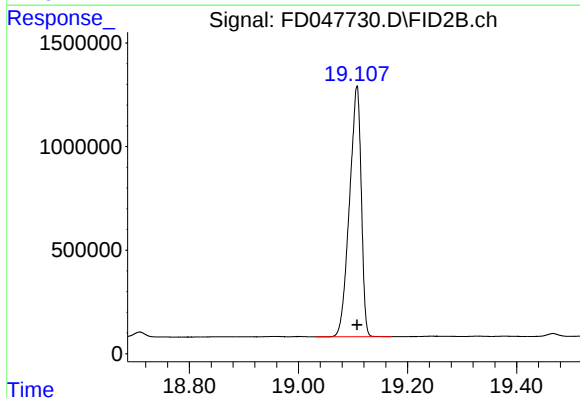
R.T.: 17.500 min
Delta R.T.: 0.000 min
Response: 19638393
Conc: 105.01 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



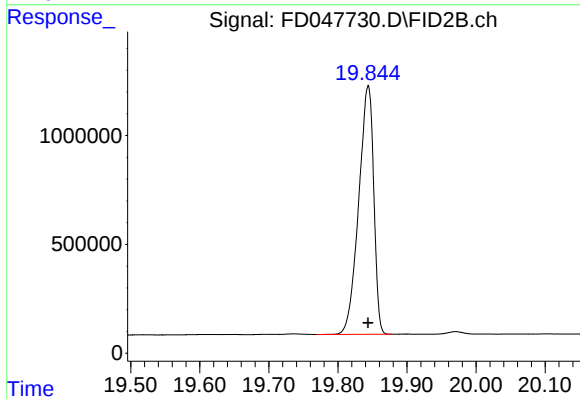
#18 n-Dotriacontane (C32)

R.T.: 18.329 min
Delta R.T.: 0.000 min
Response: 18893367
Conc: 104.48 ug/ml



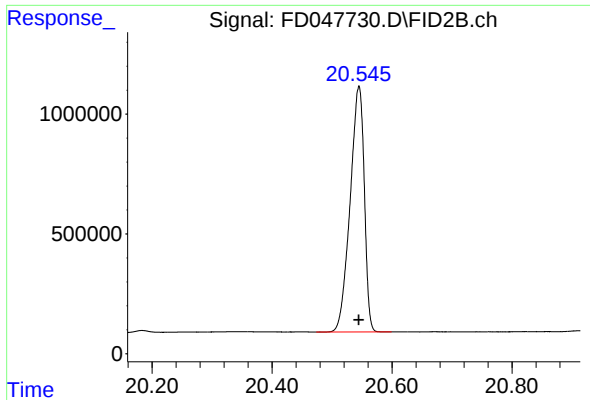
#19 n-Tetratriacontane (C34)

R.T.: 19.107 min
Delta R.T.: 0.000 min
Response: 18116957
Conc: 104.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: 0.000 min
Response: 17252152
Conc: 105.21 ug/ml



#21 n-Octatriacontane (C38)

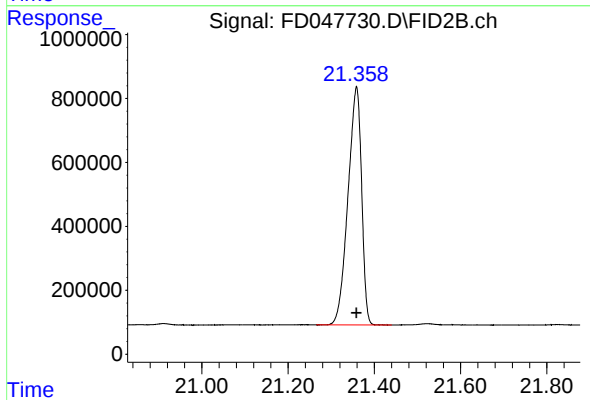
R.T.: 20.545 min
Delta R.T.: 0.000 min
Response: 16820394
Conc: 105.37 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.359 min
Delta R.T.: 0.000 min
Response: 16315780
Conc: 106.10 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047730.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 09:59
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.194	3.165	3.220	BV	2516398	21971803	86.60%	4.752%
2	4.248	4.198	4.300	BB	2399990	22869141	90.13%	4.947%
3	5.807	5.757	5.833	BV	2539836	25372590	100.00%	5.488%
4	6.250	6.197	6.298	BBA	2120429	22707469	89.50%	4.912%
5	6.859	6.796	6.941	BB	2214652	24462944	96.41%	5.291%
6	8.036	7.978	8.085	BB	1976320	22252585	87.70%	4.813%
7	9.630	9.579	9.688	BB	1914080	22874747	90.16%	4.948%
8	11.067	11.018	11.114	PB	1779562	23038056	90.80%	4.983%
9	11.369	11.303	11.416	BB	2082463	24700856	97.35%	5.343%
10	12.367	12.269	12.417	BB	1800813	22067894	86.98%	4.773%
11	12.804	12.721	12.856	BB	1481263	18539424	73.07%	4.010%
12	12.976	12.928	13.030	BB	1632353	21612153	85.18%	4.675%
13	13.559	13.515	13.590	VB	1601912	21443480	84.51%	4.638%
14	14.656	14.566	14.711	BB	1578191	21164375	83.41%	4.578%
15	15.673	15.576	15.724	BB	1458446	20489575	80.75%	4.432%
16	16.617	16.551	16.666	BV	1384131	19722004	77.73%	4.266%
17	17.500	17.412	17.552	VB	1339577	19638393	77.40%	4.248%
18	18.329	18.246	18.378	BV	1274173	18893367	74.46%	4.087%
19	19.107	19.032	19.171	BB	1208997	18116957	71.40%	3.919%
20	19.844	19.769	19.878	PV	1140790	17252152	68.00%	3.732%
21	20.545	20.474	20.599	BBA	1027964	16820394	66.29%	3.638%
22	21.359	21.265	21.440	BV	745958	16315780	64.30%	3.529%
Sum of corrected areas:						462326136		

Aliphatic EPH 051324.M Mon May 13 13:47:06 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047731.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 10:37
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 13 11:54:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 11:49:19 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)	11.358	9408599	42.929 ug/ml
Spiked Amount 50.000		Recovery =	85.86%
12) S 1-chlorooctadecane (S...	12.796	7066174	42.991 ug/ml
Spiked Amount 50.000		Recovery =	85.98%
Target Compounds			
1) T n-Nonane (C9)	3.188	8292549	42.904 ug/ml
2) T n-Decane (C10)	4.242	8483856	42.524 ug/ml
3) T A~Naphthalene (C11.7)	5.799	9387405	42.465 ug/ml
4) T n-Dodecane (C12)	6.243	8515548	42.661 ug/ml
5) T A~2-methylnaphthalene...	6.849	9142816	42.763 ug/ml
6) T n-Tetradecane (C14)	8.028	8417409	42.853 ug/ml
7) T n-Hexadecane (C16)	9.620	8677009	42.874 ug/ml
8) T n-Octadecane (C18)	11.055	8771729	42.963 ug/ml
10) T n-Eicosane (C20)	12.357	8417164	42.953 ug/ml
11) T n-Heneicosane (C21)	12.966	8273661	43.031 ug/ml
13) T n-Docosane (C22)	13.549	8198974	43.012 ug/ml
14) T n-Tetracosane (C24)	14.647	8067721	42.964 ug/ml
15) T n-Hexacosane (C26)	15.664	7784283	42.840 ug/ml
16) T n-Octacosane (C28)	16.608	7454936	42.660 ug/ml
17) T n-Tricontane (C30)	17.492	7423820	42.623 ug/ml
18) T n-Dotriacontane (C32)	18.319	7245750	42.909 ug/ml
19) T n-Tetratriacontane (C34)	19.098	6850221	42.593 ug/ml
20) T n-Hexatriacontane (C36)	19.833	6553312	42.829 ug/ml
21) T n-Octatriacontane (C38)	20.535	6388954	42.874 ug/ml
22) T n-Tetracontane (C40)	21.344	6199662	43.099 ug/ml

(f)=RT Delta > 1/2 Window

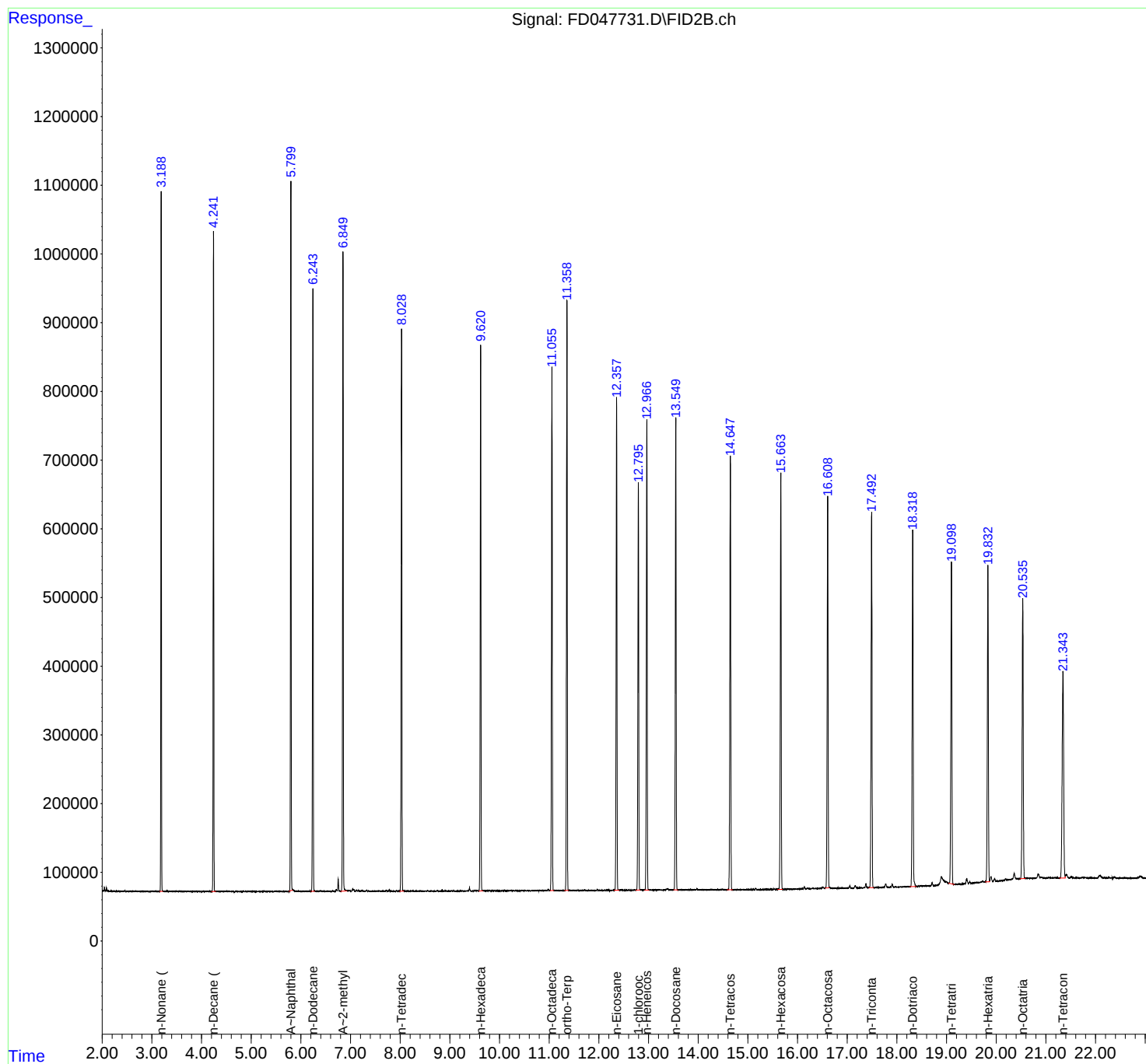
(m)=manual int.

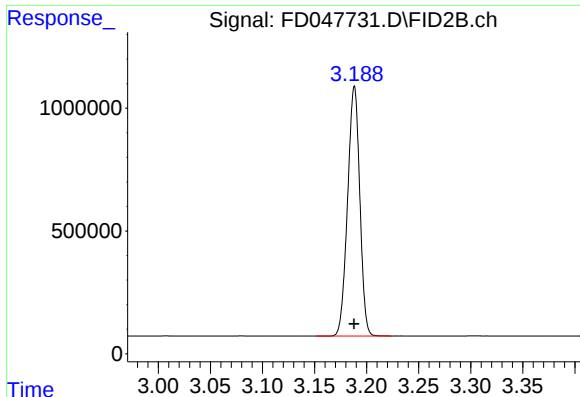
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047731.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 10:37
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: May 13 11:54:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 11:49:19 2024
Response via : Initial Calibration
Integrator: ChemStation

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

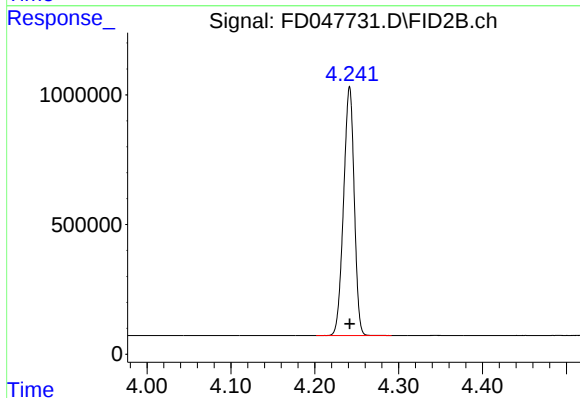




#1 n-Nonane (C9)

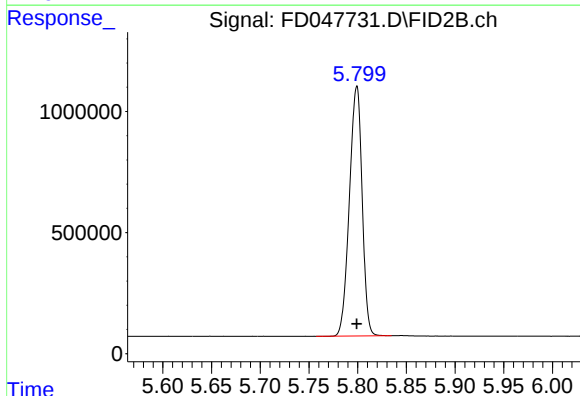
R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 8292549
Conc: 42.90 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



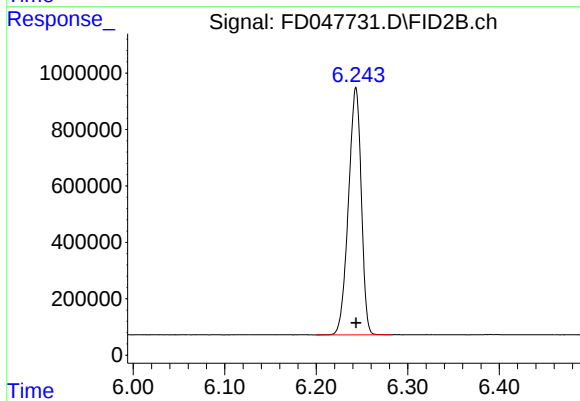
#2 n-Decane (C10)

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 8483856
Conc: 42.52 ug/ml



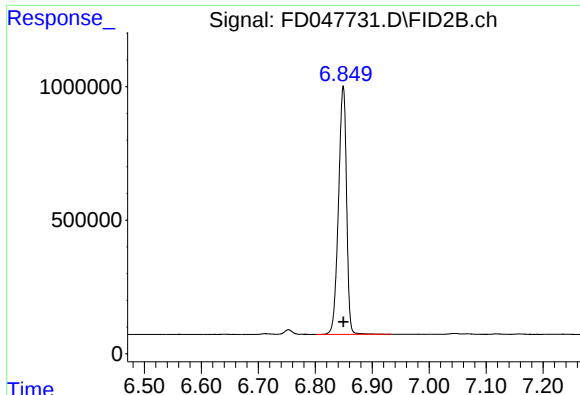
#3 A~Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 9387405
Conc: 42.47 ug/ml



#4 n-Dodecane (C12)

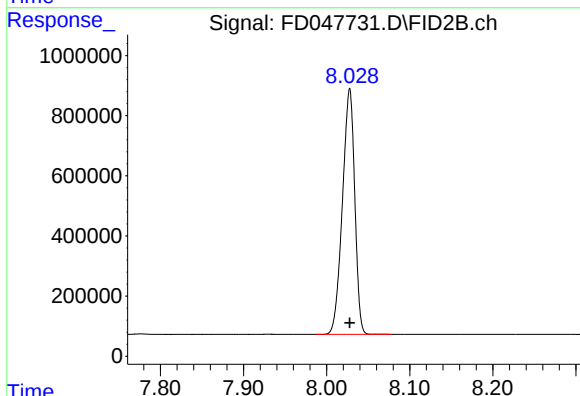
R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 8515548
Conc: 42.66 ug/ml



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

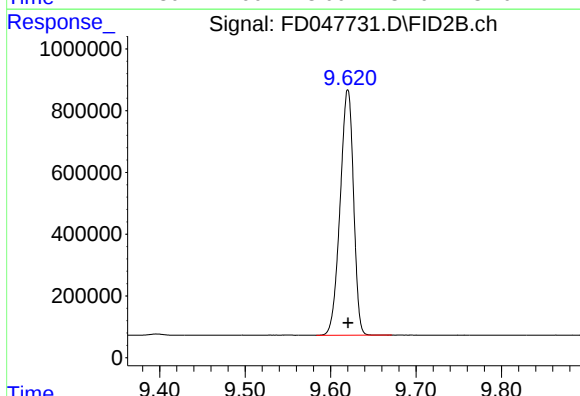
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 9142816
Conc: 42.76 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



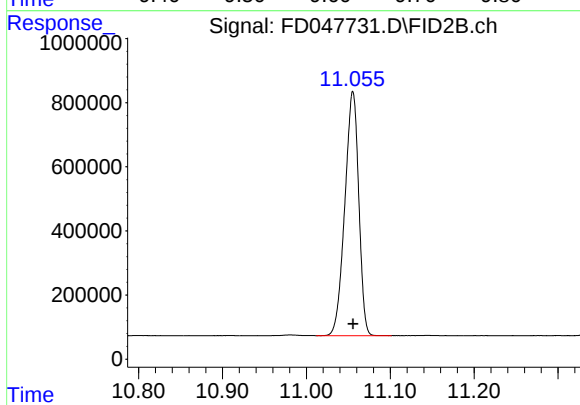
#6 n-Tetradecane (C14)

R.T.: 8.028 min
Delta R.T.: 0.000 min
Response: 8417409
Conc: 42.85 ug/ml



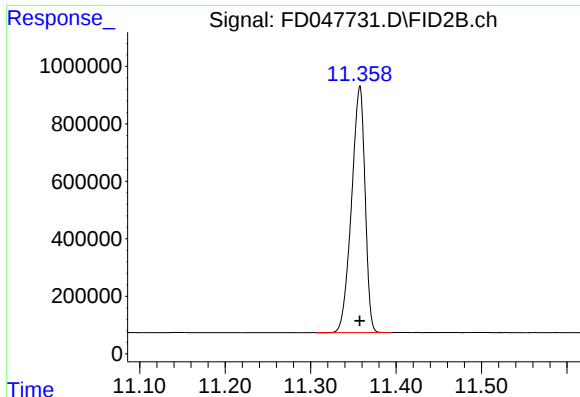
#7 n-Hexadecane (C16)

R.T.: 9.620 min
Delta R.T.: 0.000 min
Response: 8677009
Conc: 42.87 ug/ml



#8 n-Octadecane (C18)

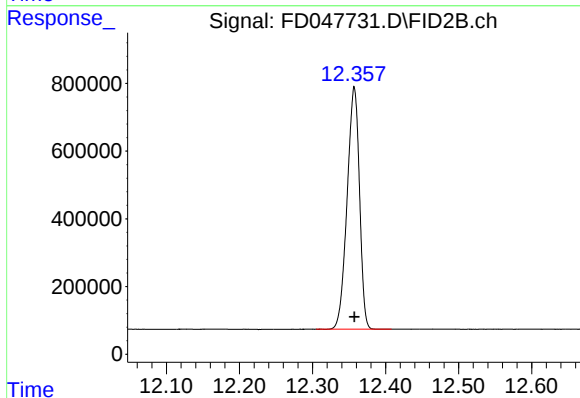
R.T.: 11.055 min
Delta R.T.: 0.000 min
Response: 8771729
Conc: 42.96 ug/ml



#9 ortho-Terphenyl (SURR)

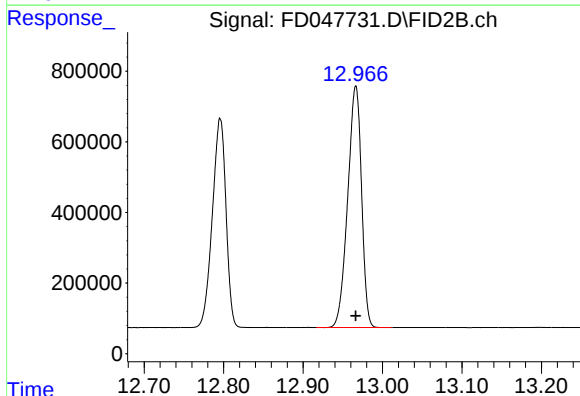
R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 9408599
Conc: 42.93 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



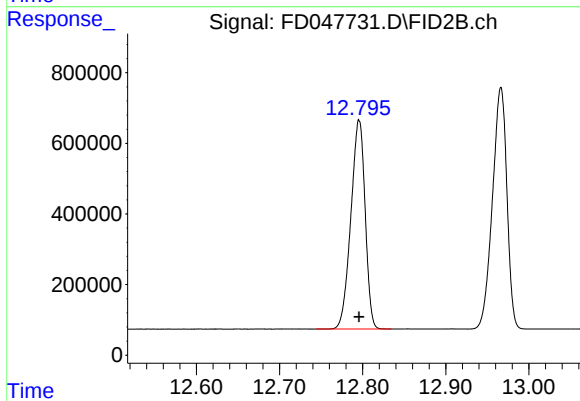
#10 n-Eicosane (C20)

R.T.: 12.357 min
Delta R.T.: 0.000 min
Response: 8417164
Conc: 42.95 ug/ml



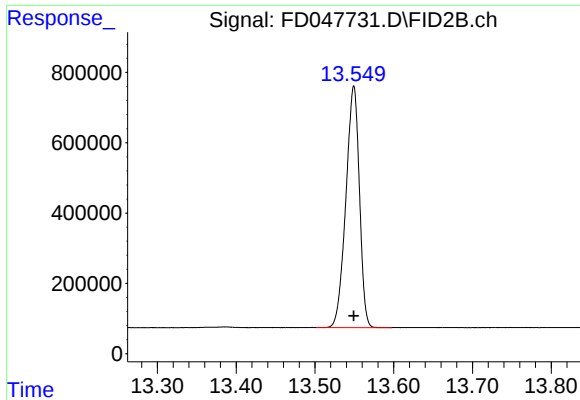
#11 n-Heneicosane (C21)

R.T.: 12.966 min
Delta R.T.: 0.000 min
Response: 8273661
Conc: 43.03 ug/ml



#12 1-chlorooctadecane (SURR)

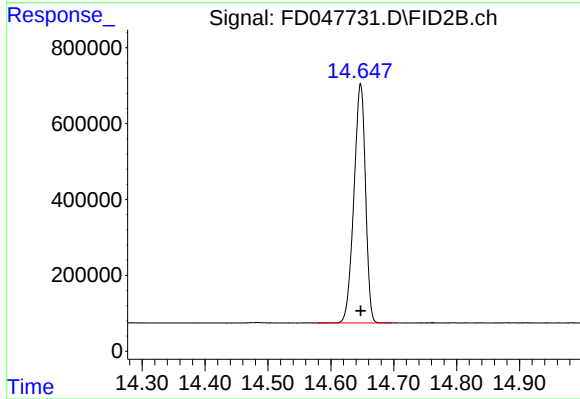
R.T.: 12.796 min
Delta R.T.: 0.000 min
Response: 7066174
Conc: 42.99 ug/ml



#13 n-Docosane (C22)

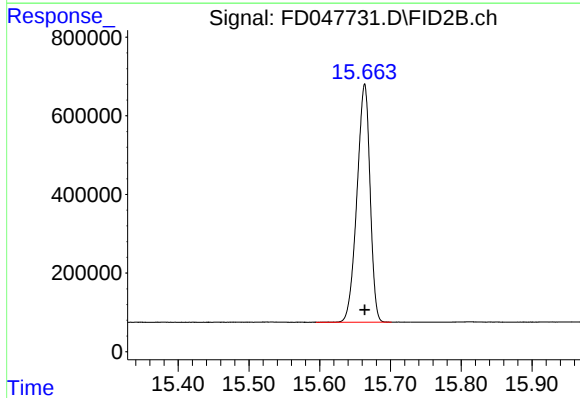
R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 8198974
Conc: 43.01 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



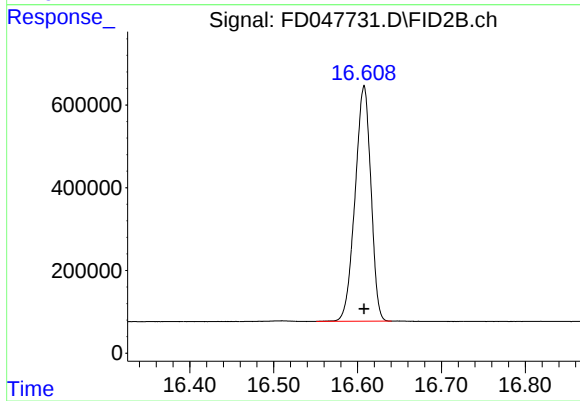
#14 n-Tetracosane (C24)

R.T.: 14.647 min
Delta R.T.: 0.000 min
Response: 8067721
Conc: 42.96 ug/ml



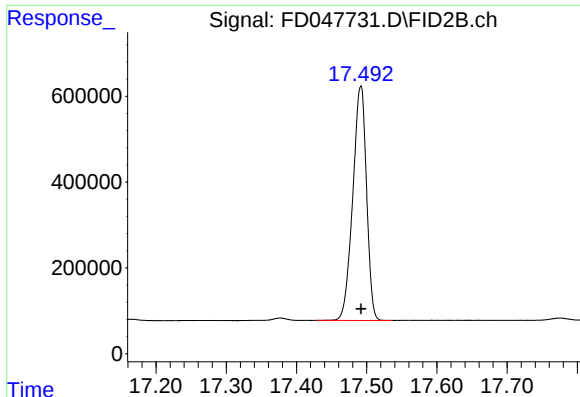
#15 n-Hexacosane (C26)

R.T.: 15.664 min
Delta R.T.: 0.000 min
Response: 7784283
Conc: 42.84 ug/ml



#16 n-Octacosane (C28)

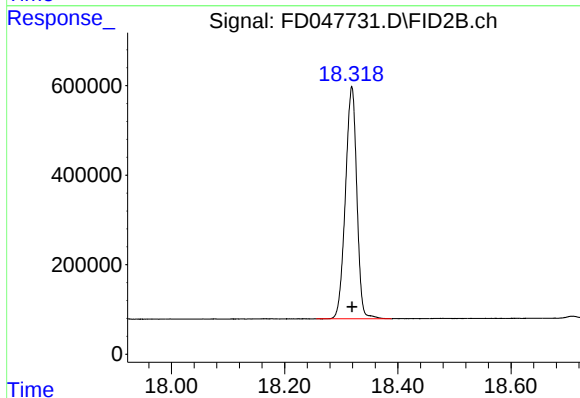
R.T.: 16.608 min
Delta R.T.: 0.000 min
Response: 7454936
Conc: 42.66 ug/ml



#17 n-Tricontane (C30)

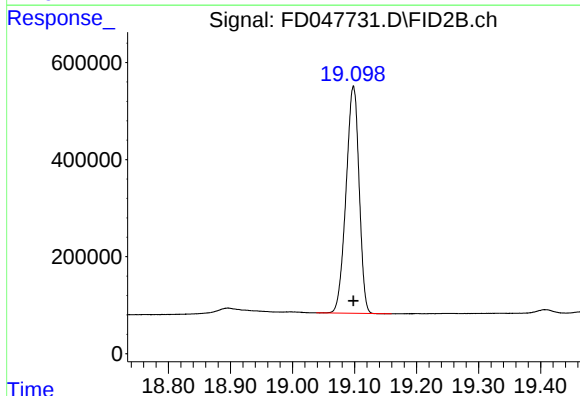
R.T.: 17.492 min
Delta R.T.: 0.000 min
Response: 7423820
Conc: 42.62 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



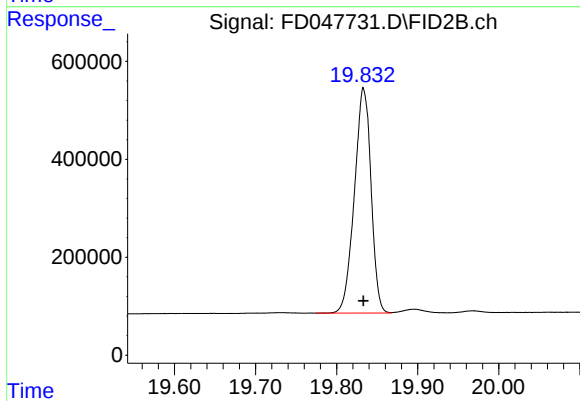
#18 n-Dotriacontane (C32)

R.T.: 18.319 min
Delta R.T.: 0.000 min
Response: 7245750
Conc: 42.91 ug/ml



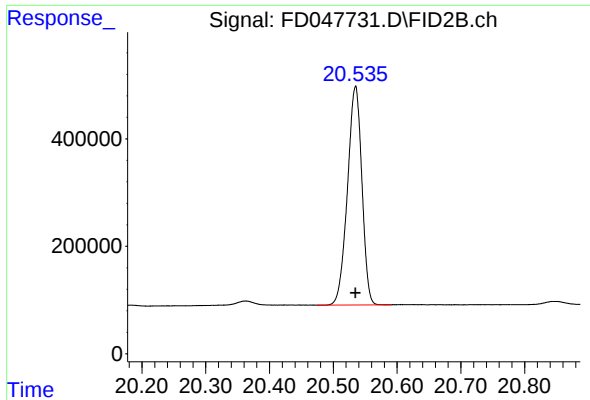
#19 n-Tetratriacontane (C34)

R.T.: 19.098 min
Delta R.T.: 0.000 min
Response: 6850221
Conc: 42.59 ug/ml



#20 n-Hexatriacontane (C36)

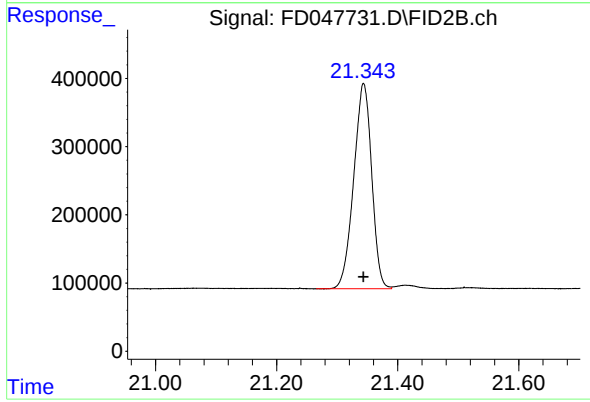
R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 6553312
Conc: 42.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.535 min
Delta R.T.: 0.000 min
Response: 6388954
Conc: 42.87 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.344 min
Delta R.T.: 0.000 min
Response: 6199662
Conc: 43.10 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047731.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 10:37
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.188	3.151	3.224	BB	1017981	8292549	88.14%	4.738%
2	4.242	4.201	4.291	BB	960807	8483856	90.17%	4.847%
3	5.799	5.757	5.835	BV	1030529	9387405	99.77%	5.364%
4	6.243	6.200	6.282	BB	876918	8515548	90.51%	4.865%
5	6.849	6.801	6.934	BB	930284	9142816	97.18%	5.224%
6	8.028	7.987	8.078	BB	818377	8417409	89.47%	4.809%
7	9.620	9.583	9.671	BB	794547	8677009	92.22%	4.958%
8	11.055	11.011	11.101	BB	761567	8771729	93.23%	5.012%
9	11.358	11.306	11.395	BB	856870	9408599	100.00%	5.376%
10	12.357	12.305	12.408	BB	715808	8417164	89.46%	4.809%
11	12.796	12.744	12.835	BB	591570	7066174	75.10%	4.037%
12	12.966	12.916	13.011	BB	684820	8273661	87.94%	4.727%
13	13.549	13.501	13.597	BB	687668	8198974	87.14%	4.685%
14	14.647	14.576	14.696	BB	631035	8067721	85.75%	4.610%
15	15.664	15.595	15.701	BB	606956	7784283	82.74%	4.448%
16	16.608	16.551	16.641	BV	570990	7454936	79.24%	4.259%
17	17.492	17.428	17.536	BB	545144	7423820	78.90%	4.242%
18	18.319	18.256	18.389	BB	518307	7245750	77.01%	4.140%
19	19.098	19.038	19.160	BB	468646	6850221	72.81%	3.914%
20	19.833	19.775	19.868	BV	459862	6553312	69.65%	3.744%
21	20.535	20.473	20.591	BB	407102	6388954	67.91%	3.650%
22	21.344	21.265	21.390	BV	301126	6199662	65.89%	3.542%

Sum of corrected areas: 175021552

Aliphatic EPH 051324.M Mon May 13 13:46:07 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047732.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 11:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 13 11:49:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 11:49:19 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)	11.353	4446433	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.793	3327583	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.188	3885577	20.000 ug/ml
2) T n-Decane (C10)	4.240	4003044	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.797	4434100	20.000 ug/ml
4) T n-Dodecane (C12)	6.241	4028753	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.846	4278312	20.000 ug/ml
6) T n-Tetradecane (C14)	8.025	3968163	20.000 ug/ml
7) T n-Hexadecane (C16)	9.617	4097399	20.000 ug/ml
8) T n-Octadecane (C18)	11.052	4133834	20.000 ug/ml
10) T n-Eicosane (C20)	12.355	3977200	20.000 ug/ml
11) T n-Heneicosane (C21)	12.963	3904485	20.000 ug/ml
13) T n-Docosane (C22)	13.546	3869043	20.000 ug/ml
14) T n-Tetracosane (C24)	14.644	3806673	20.000 ug/ml
15) T n-Hexacosane (C26)	15.660	3690851	20.000 ug/ml
16) T n-Octacosane (C28)	16.605	3558835	20.000 ug/ml
17) T n-Tricontane (C30)	17.487	3553196	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.316	3454917	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.096	3286409	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.832	3108965	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.533	3021365	20.000 ug/ml
22) T n-Tetracontane (C40)	21.342	2887726	20.000 ug/ml

(f)=RT Delta > 1/2 Window

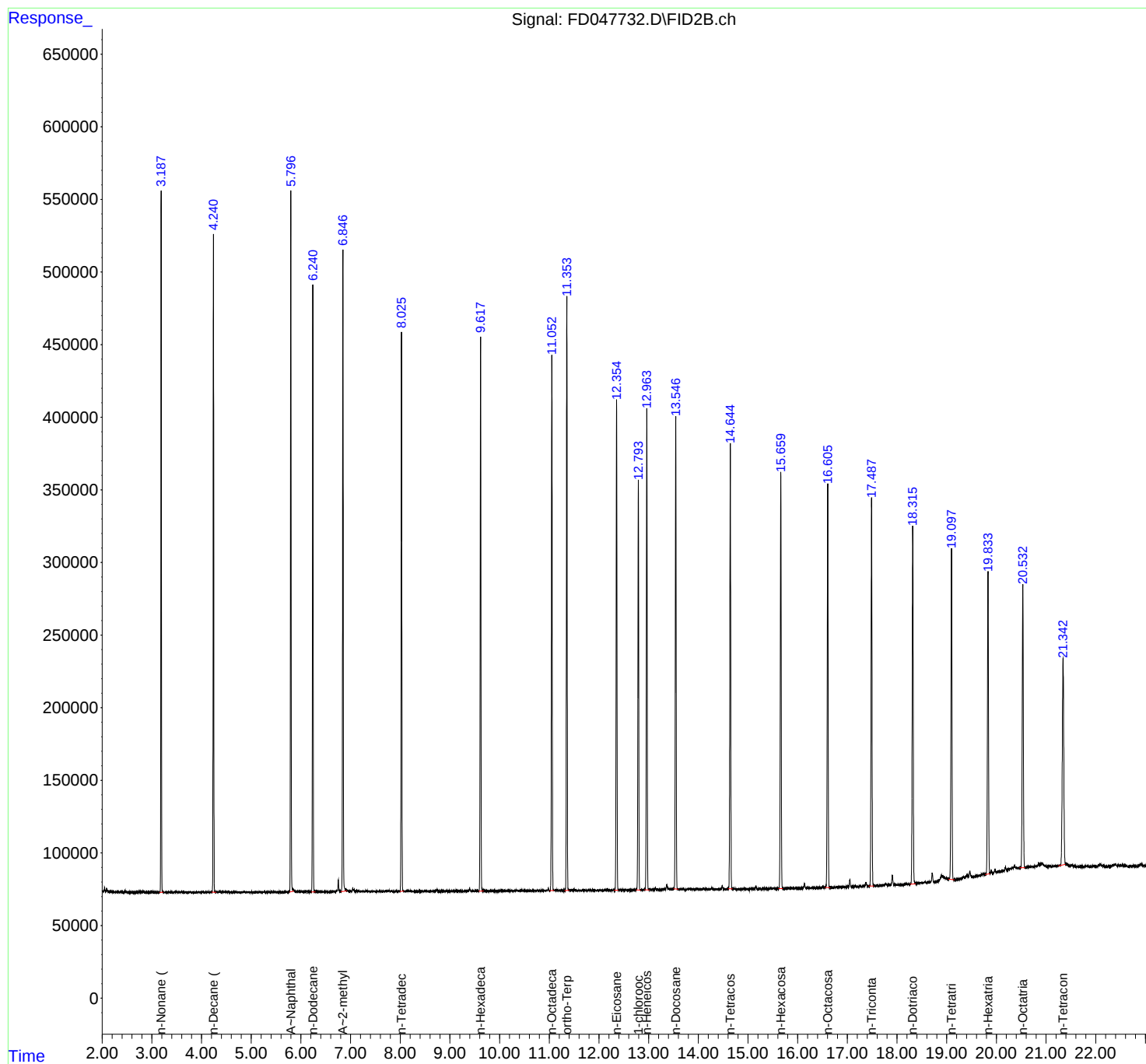
(m)=manual int.

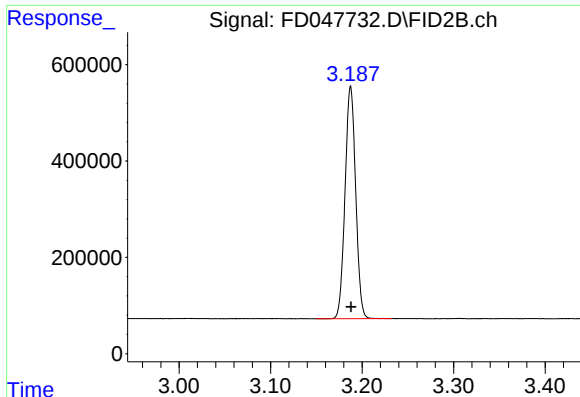
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047732.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 11:15
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: May 13 11:49:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 11:49:19 2024
Response via : Initial Calibration
Integrator: ChemStation

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

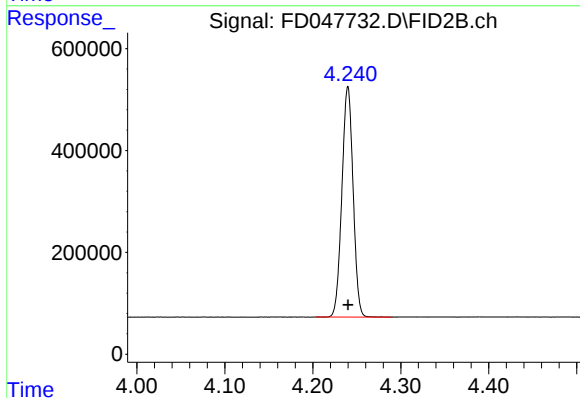




#1 n-Nonane (C9)

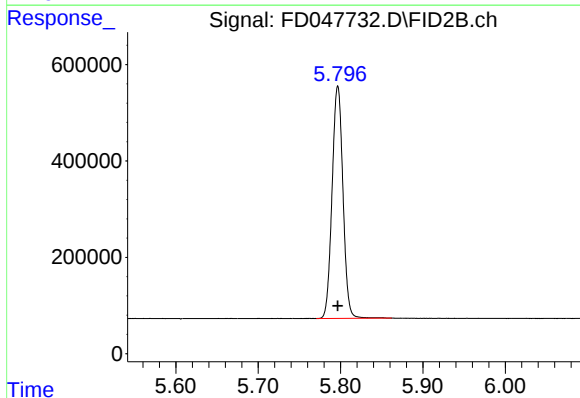
R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 3885577
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



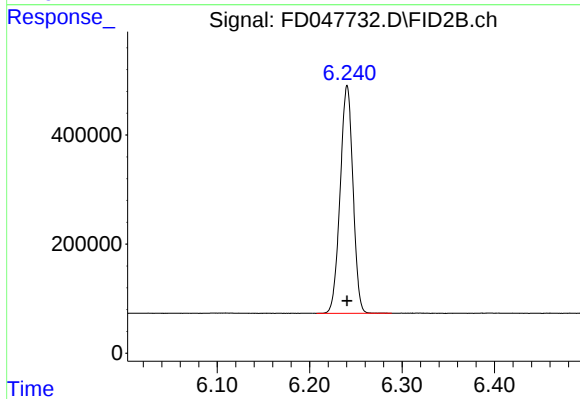
#2 n-Decane (C10)

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 4003044
Conc: 20.00 ug/ml



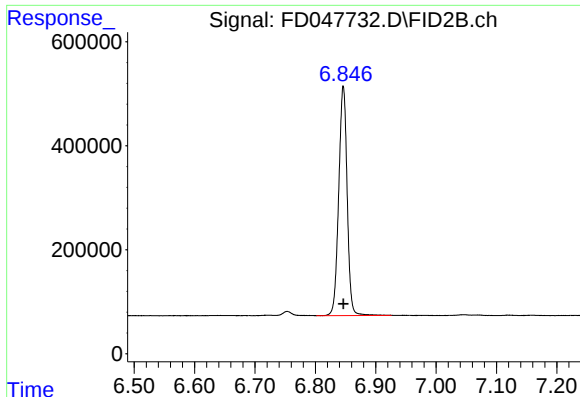
#3 A~Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 4434100
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

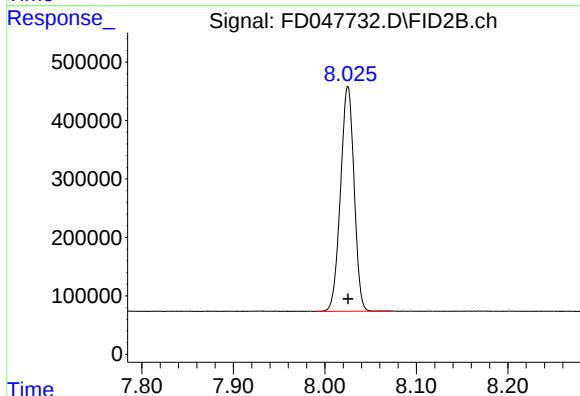
R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 4028753
Conc: 20.00 ug/ml



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

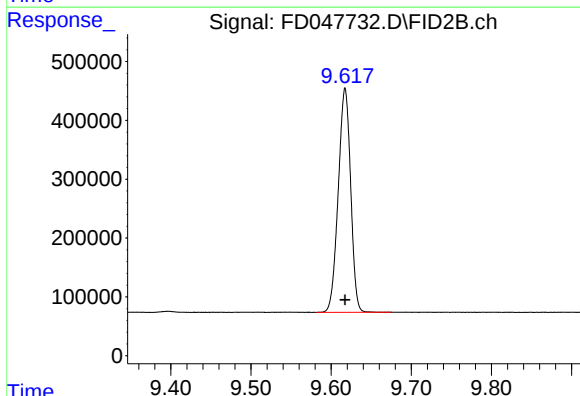
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 4278312
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



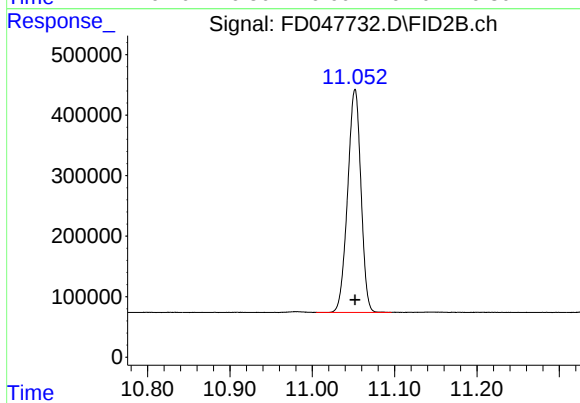
#6 n-Tetradecane (C14)

R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 3968163
Conc: 20.00 ug/ml



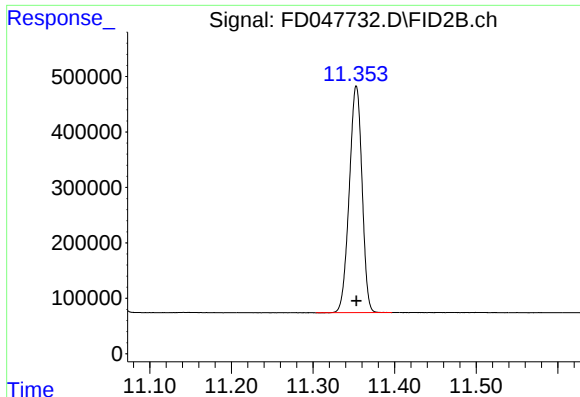
#7 n-Hexadecane (C16)

R.T.: 9.617 min
Delta R.T.: 0.000 min
Response: 4097399
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

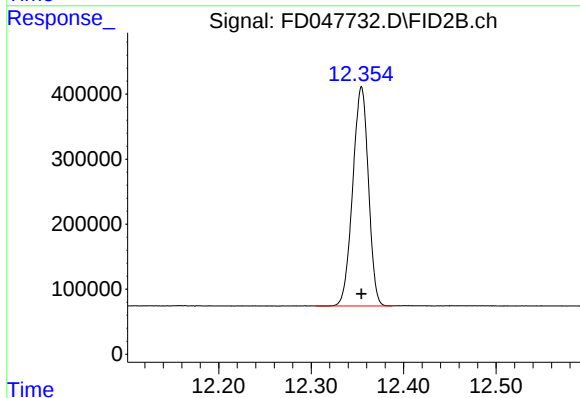
R.T.: 11.052 min
Delta R.T.: 0.000 min
Response: 4133834
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

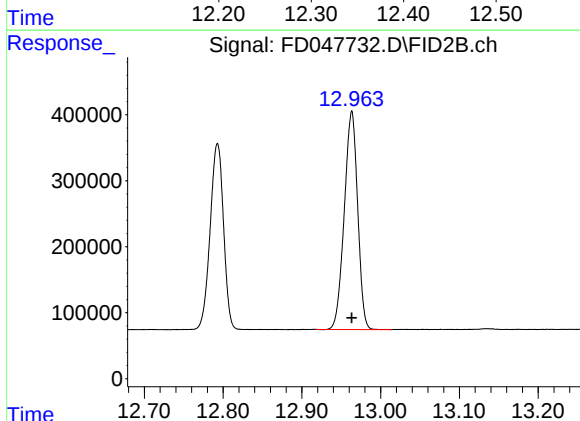
R.T.: 11.353 min
Delta R.T.: 0.000 min
Response: 4446433
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



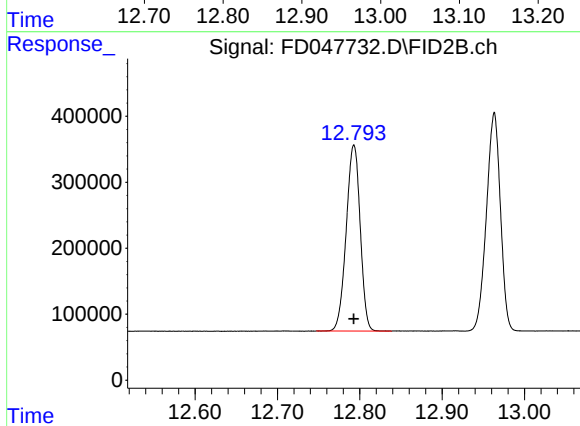
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 3977200
Conc: 20.00 ug/ml



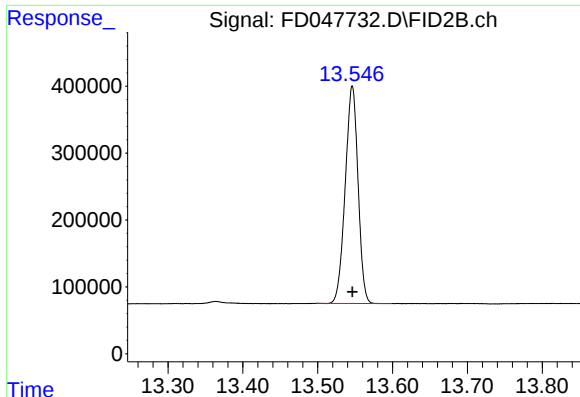
#11 n-Heneicosane (C21)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 3904485
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

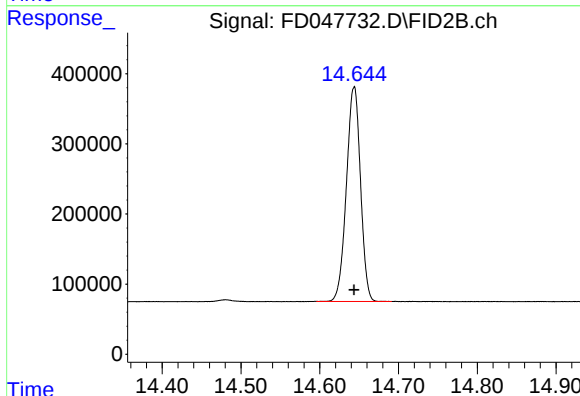
R.T.: 12.793 min
Delta R.T.: 0.000 min
Response: 3327583
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

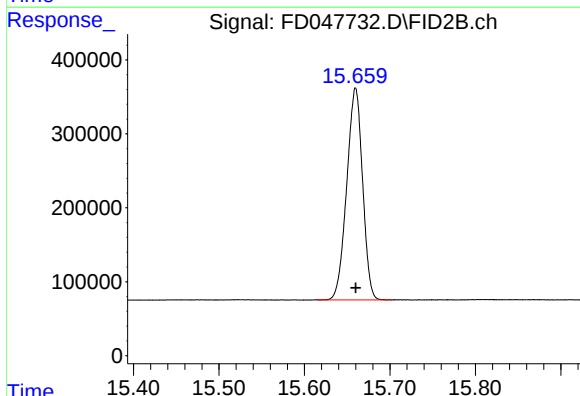
R.T.: 13.546 min
Delta R.T.: 0.000 min
Response: 3869043
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



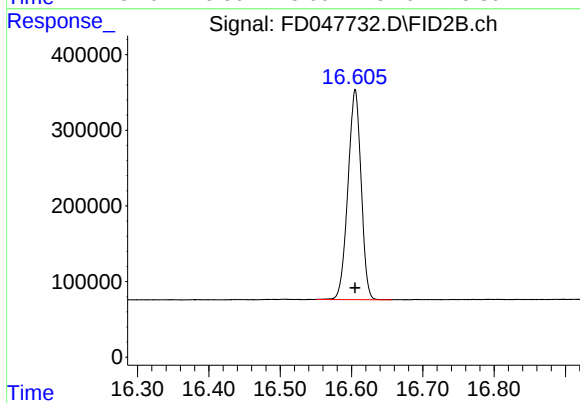
#14 n-Tetracosane (C24)

R.T.: 14.644 min
Delta R.T.: 0.000 min
Response: 3806673
Conc: 20.00 ug/ml



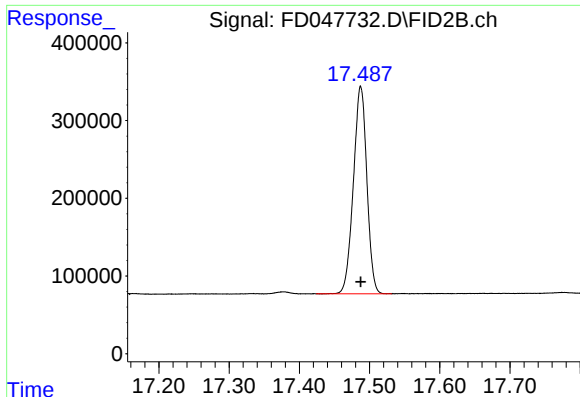
#15 n-Hexacosane (C26)

R.T.: 15.660 min
Delta R.T.: 0.000 min
Response: 3690851
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

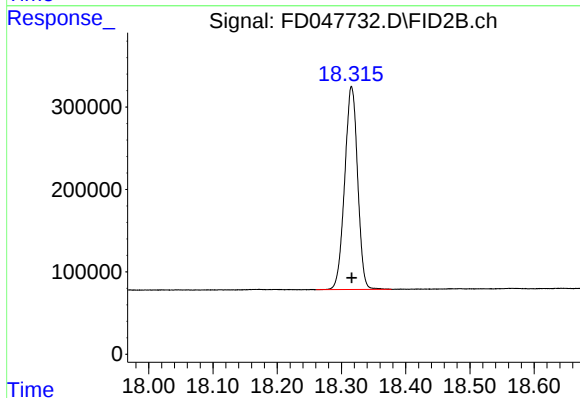
R.T.: 16.605 min
Delta R.T.: 0.000 min
Response: 3558835
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

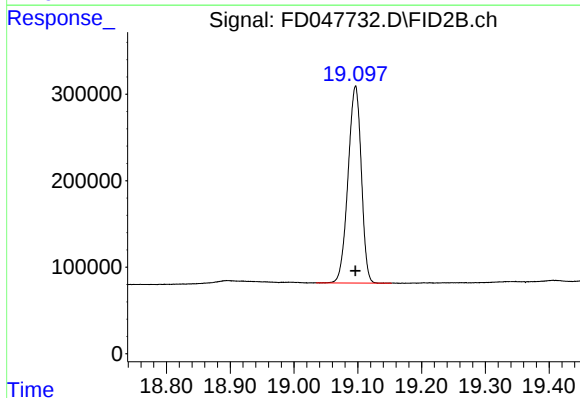
R.T.: 17.487 min
Delta R.T.: 0.000 min
Response: 3553196
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



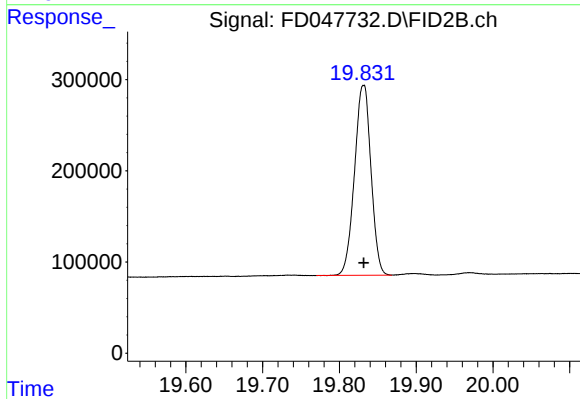
#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: 0.000 min
Response: 3454917
Conc: 20.00 ug/ml



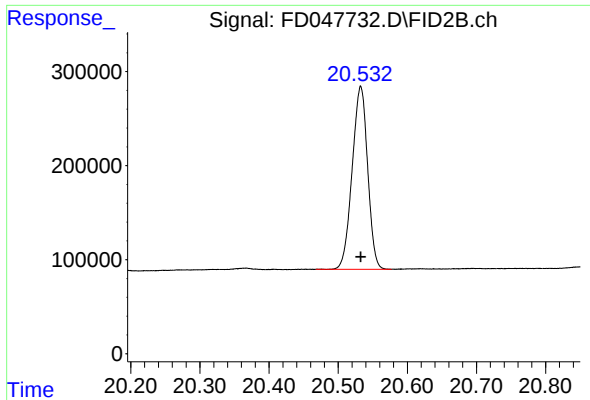
#19 n-Tetratriacontane (C34)

R.T.: 19.096 min
Delta R.T.: 0.000 min
Response: 3286409
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

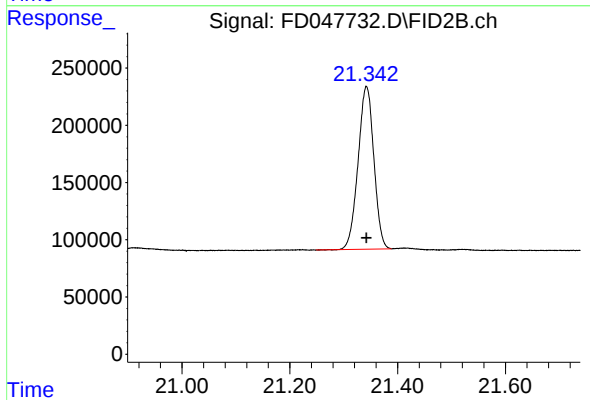
R.T.: 19.832 min
Delta R.T.: 0.000 min
Response: 3108965
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.533 min
Delta R.T.: 0.000 min
Response: 3021365
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.342 min
Delta R.T.: 0.000 min
Response: 2887726
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047732.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 11:15
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.188	3.150	3.232	BB	482562	3885577	87.39%	4.697%
2	4.240	4.204	4.290	BB	452784	4003044	90.03%	4.839%
3	5.797	5.771	5.862	BB	482587	4434100	99.72%	5.360%
4	6.241	6.207	6.289	BB	418065	4028753	90.61%	4.870%
5	6.846	6.801	6.926	BB	441519	4278312	96.22%	5.172%
6	8.025	7.991	8.073	BB	385319	3968163	89.24%	4.797%
7	9.617	9.581	9.676	BB	381568	4097399	92.15%	4.953%
8	11.052	11.005	11.096	BB	368865	4133834	92.97%	4.997%
9	11.353	11.304	11.396	BB	409015	4446433	100.00%	5.375%
10	12.355	12.306	12.387	BB	337607	3977200	89.45%	4.808%
11	12.793	12.747	12.839	BB	282332	3327583	74.84%	4.023%
12	12.963	12.918	13.014	BB	331356	3904485	87.81%	4.720%
13	13.546	13.498	13.599	BB	325352	3869043	87.01%	4.677%
14	14.644	14.596	14.691	BB	306251	3806673	85.61%	4.602%
15	15.660	15.614	15.702	BB	286696	3690851	83.01%	4.462%
16	16.605	16.551	16.656	BB	278067	3558835	80.04%	4.302%
17	17.487	17.424	17.531	BB	267212	3553196	79.91%	4.295%
18	18.316	18.261	18.378	BB	246571	3454917	77.70%	4.176%
19	19.096	19.035	19.153	BB	227766	3286409	73.91%	3.973%
20	19.832	19.770	19.868	BV	208235	3108965	69.92%	3.758%
21	20.533	20.468	20.577	BV	194959	3021365	67.95%	3.652%
22	21.342	21.249	21.389	BV	142137	2887726	64.94%	3.491%
Sum of corrected areas:						82722864		

Aliphatic EPH 051324.M Mon May 13 13:45:22 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047733.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 11:53
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 13 12:31:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 12:30:24 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)	11.351	2151201	9.861 ug/ml
Spiked Amount 50.000		Recovery =	19.72%
12) S 1-chlorooctadecane (S...	12.791	1596828	9.785 ug/ml
Spiked Amount 50.000		Recovery =	19.57%
Target Compounds			
1) T n-Nonane (C9)	3.187	1894885	9.852 ug/ml
2) T n-Decane (C10)	4.239	1943450	9.805 ug/ml
3) T A~Naphthalene (C11.7)	5.796	2128936	9.720 ug/ml
4) T n-Dodecane (C12)	6.240	1950188	9.827 ug/ml
5) T A~2-methylnaphthalene...	6.845	2046965	9.677 ug/ml
6) T n-Tetradecane (C14)	8.024	1920450	9.832 ug/ml
7) T n-Hexadecane (C16)	9.615	1974661	9.817 ug/ml
8) T n-Octadecane (C18)	11.050	2003697	9.860 ug/ml
10) T n-Eicosane (C20)	12.353	1931257	9.891 ug/ml
11) T n-Heneicosane (C21)	12.962	1897472	9.901 ug/ml
13) T n-Docosane (C22)	13.544	1895703	9.959 ug/ml
14) T n-Tetracosane (C24)	14.642	1908009	10.120 ug/ml
15) T n-Hexacosane (C26)	15.658	1814708	9.990 ug/ml
16) T n-Octacosane (C28)	16.604	1741307	9.973 ug/ml
17) T n-Tricontane (C30)	17.486	1744742	10.013 ug/ml
18) T n-Dotriacontane (C32)	18.315	1728269	10.175 ug/ml
19) T n-Tetratriacontane (C34)	19.094	1586885	9.900 ug/ml
20) T n-Hexatriacontane (C36)	19.829	1514755	9.924 ug/ml
21) T n-Octatriacontane (C38)	20.531	1448044	9.786 ug/ml
22) T n-Tetracontane (C40)	21.339	1361355	9.593 ug/ml

(f)=RT Delta > 1/2 Window

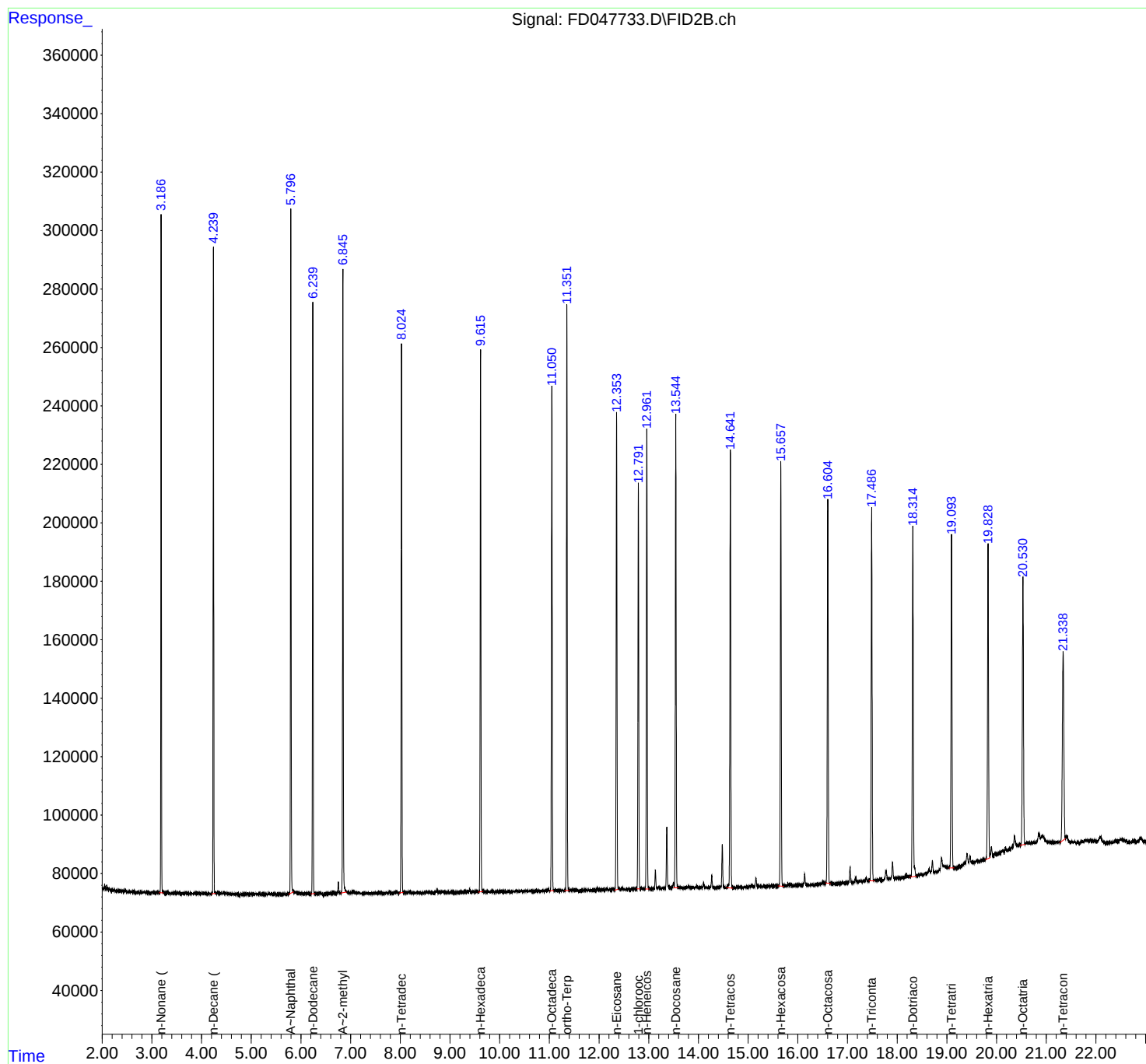
(m)=manual int.

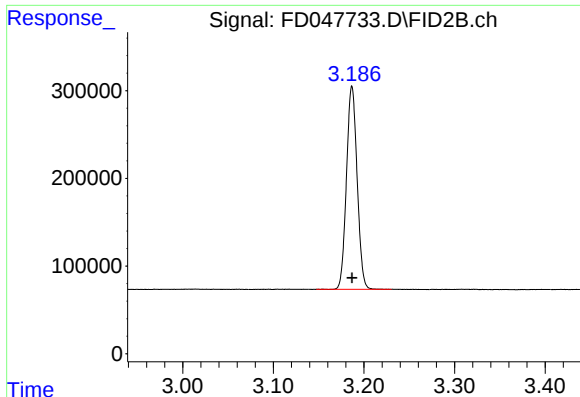
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047733.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 11:53
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: May 13 12:31:25 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 12:30:24 2024
Response via : Initial Calibration
Integrator: ChemStation

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

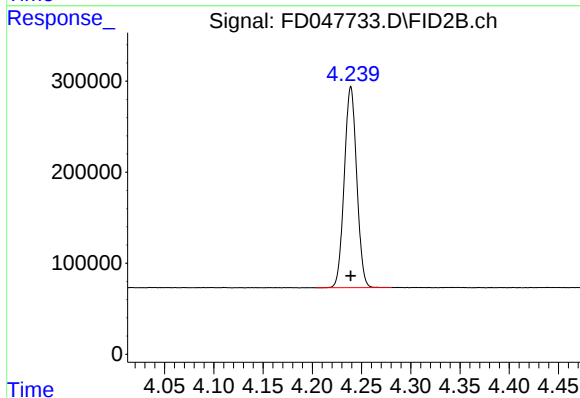




#1 n-Nonane (C9)

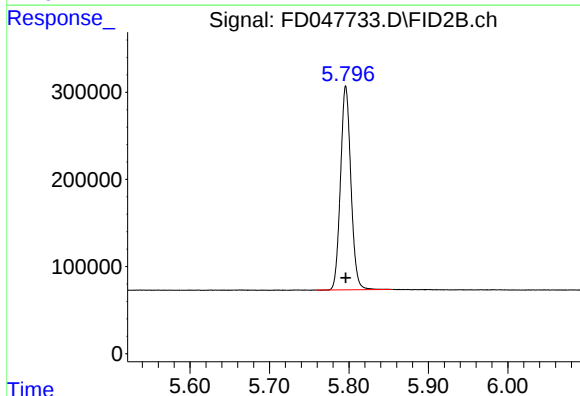
R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 1894885
Conc: 9.85 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



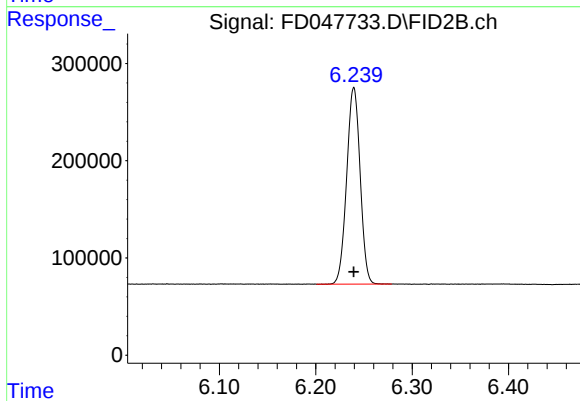
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 1943450
Conc: 9.80 ug/ml



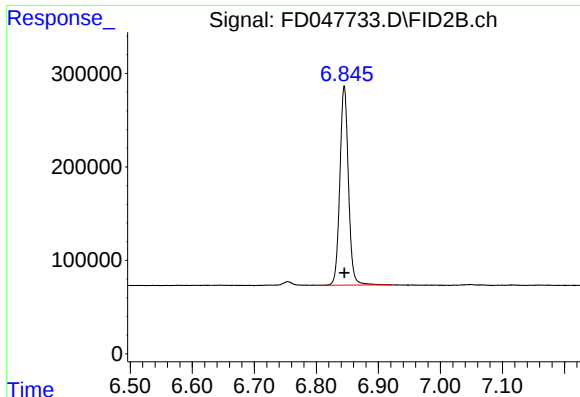
#3 A~Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 2128936
Conc: 9.72 ug/ml



#4 n-Dodecane (C12)

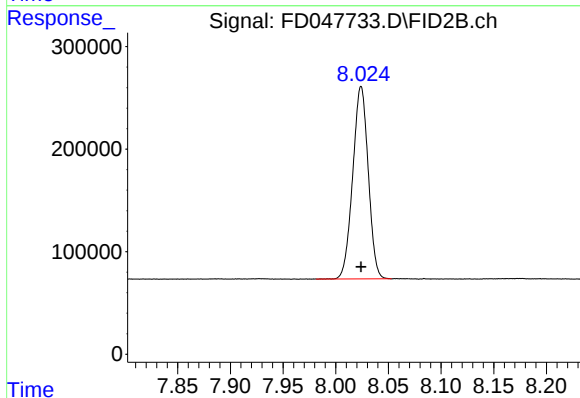
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 1950188
Conc: 9.83 ug/ml



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

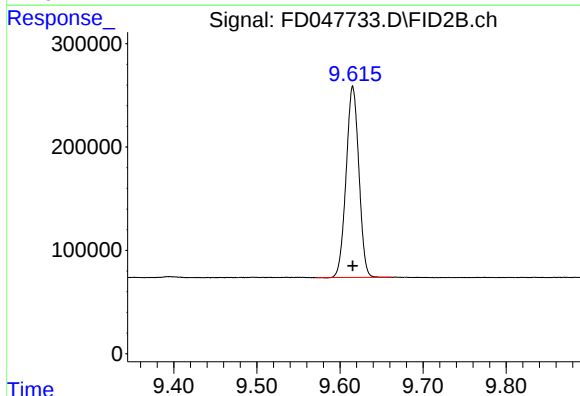
R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 2046965
Conc: 9.68 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



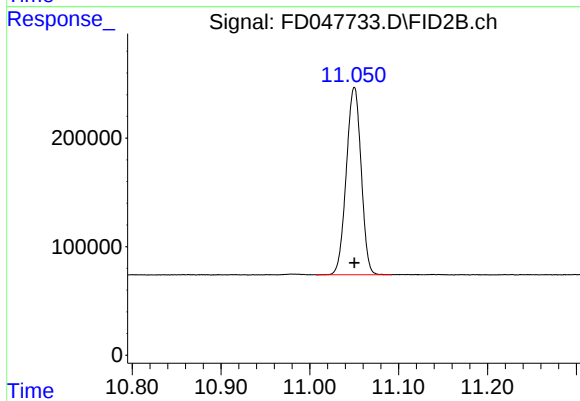
#6 n-Tetradecane (C14)

R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 1920450
Conc: 9.83 ug/ml



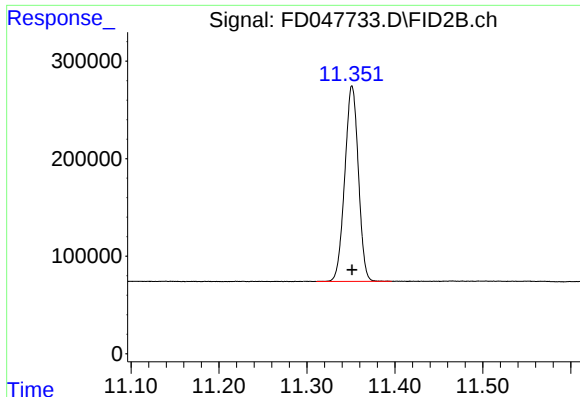
#7 n-Hexadecane (C16)

R.T.: 9.615 min
Delta R.T.: 0.000 min
Response: 1974661
Conc: 9.82 ug/ml



#8 n-Octadecane (C18)

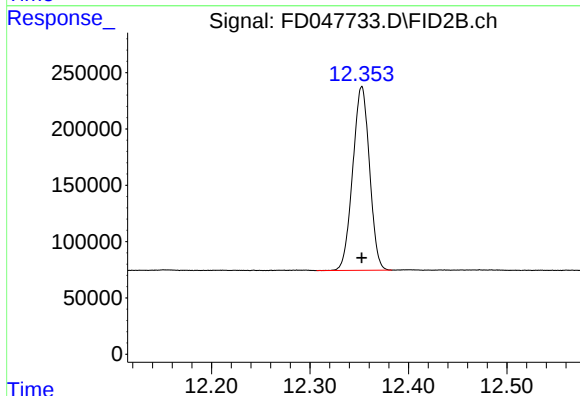
R.T.: 11.050 min
Delta R.T.: 0.000 min
Response: 2003697
Conc: 9.86 ug/ml



#9 ortho-Terphenyl (SURR)

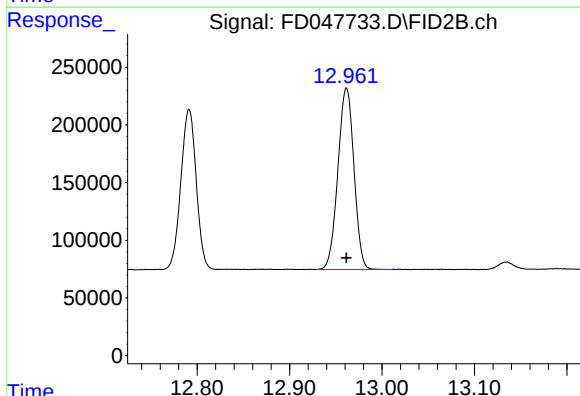
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 2151201
Conc: 9.86 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



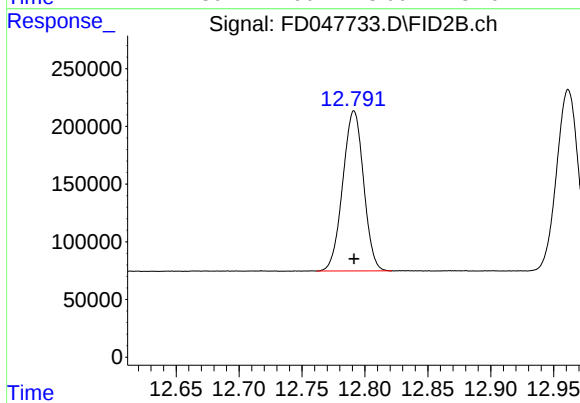
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: 0.000 min
Response: 1931257
Conc: 9.89 ug/ml



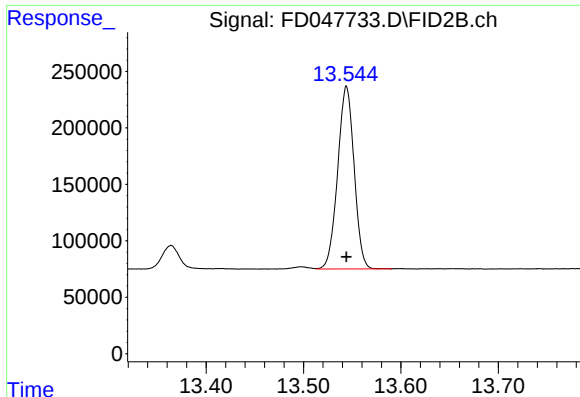
#11 n-Heneicosane (C21)

R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 1897472
Conc: 9.90 ug/ml



#12 1-chlorooctadecane (SURR)

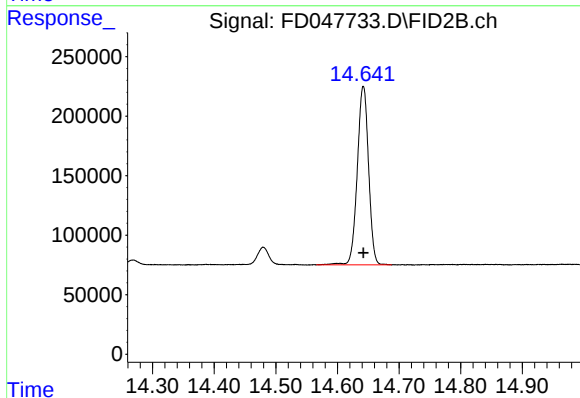
R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 1596828
Conc: 9.78 ug/ml



#13 n-Docosane (C22)

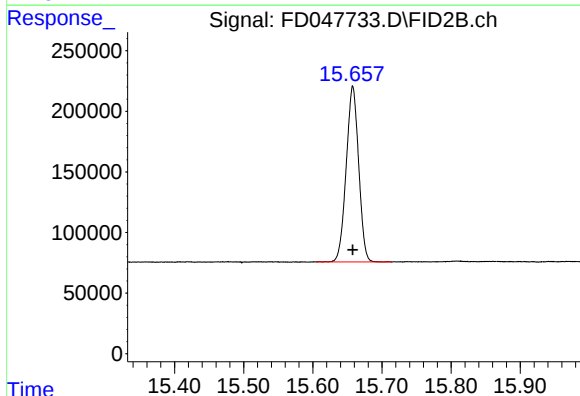
R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 1895703
Conc: 9.96 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



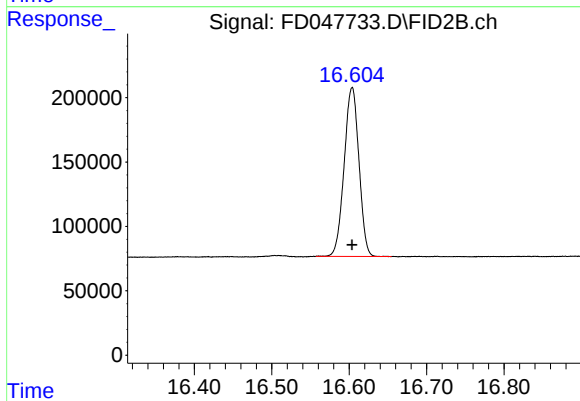
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: 0.000 min
Response: 1908009
Conc: 10.12 ug/ml



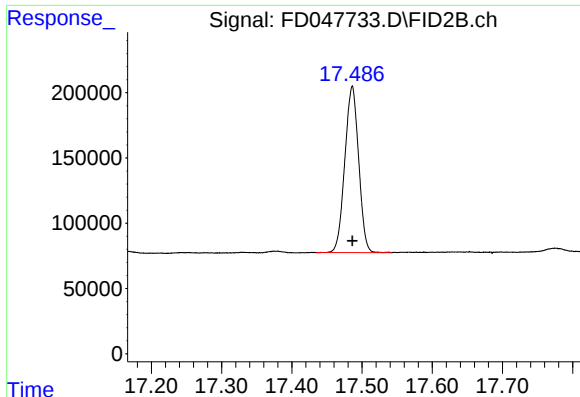
#15 n-Hexacosane (C26)

R.T.: 15.658 min
Delta R.T.: 0.000 min
Response: 1814708
Conc: 9.99 ug/ml



#16 n-Octacosane (C28)

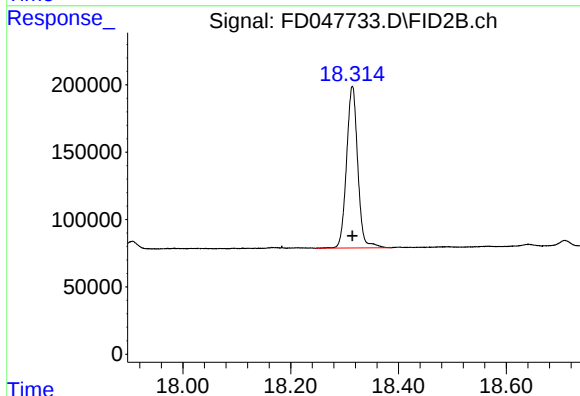
R.T.: 16.604 min
Delta R.T.: 0.000 min
Response: 1741307
Conc: 9.97 ug/ml



#17 n-Tricontane (C30)

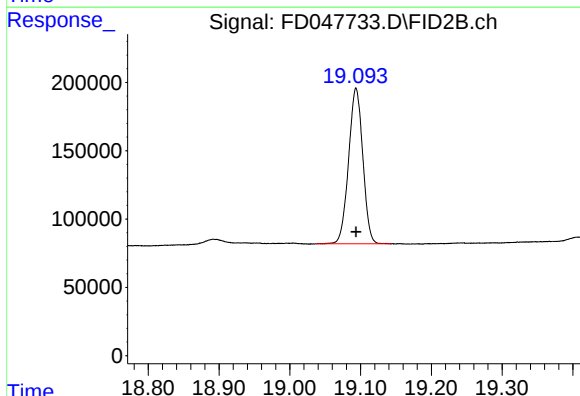
R.T.: 17.486 min
Delta R.T.: 0.000 min
Response: 1744742
Conc: 10.01 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



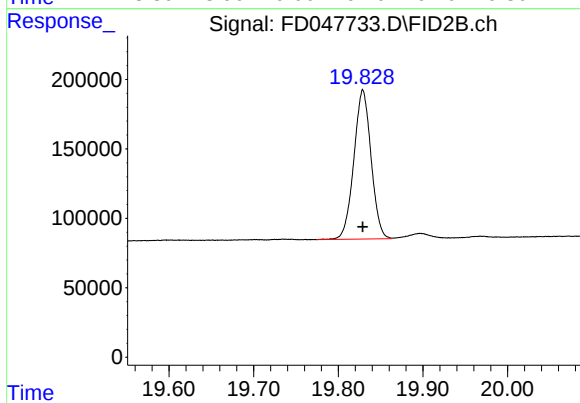
#18 n-Dotriacontane (C32)

R.T.: 18.315 min
Delta R.T.: 0.000 min
Response: 1728269
Conc: 10.17 ug/ml



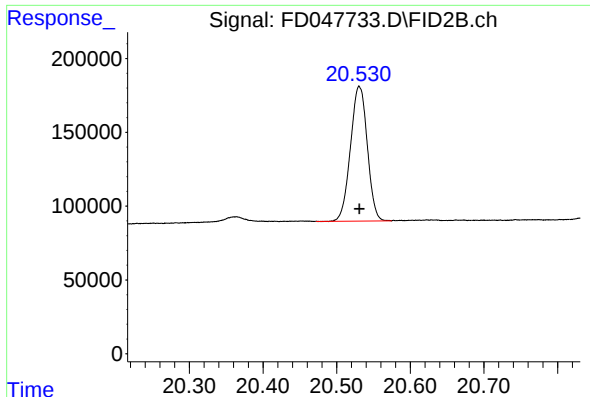
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: 0.000 min
Response: 1586885
Conc: 9.90 ug/ml



#20 n-Hexatriacontane (C36)

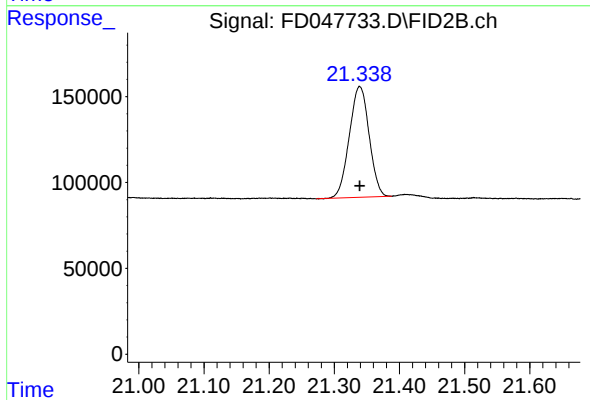
R.T.: 19.829 min
Delta R.T.: 0.000 min
Response: 1514755
Conc: 9.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 1448044
Conc: 9.79 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.339 min
Delta R.T.: 0.000 min
Response: 1361355
Conc: 9.59 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047733.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 11:53
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.187	3.147	3.231	BB	231846	1894885	88.09%	4.716%
2	4.239	4.204	4.281	BB	220994	1943450	90.34%	4.836%
3	5.796	5.759	5.854	BB	233852	2128936	98.97%	5.298%
4	6.240	6.201	6.279	BB	202536	1950188	90.66%	4.853%
5	6.845	6.800	6.921	BB	213191	2046965	95.15%	5.094%
6	8.024	7.981	8.053	BB	187832	1920450	89.27%	4.779%
7	9.615	9.571	9.662	BB	185080	1974661	91.79%	4.914%
8	11.050	11.007	11.092	BB	172717	2003697	93.14%	4.986%
9	11.351	11.311	11.396	BB	200425	2151201	100.00%	5.353%
10	12.353	12.306	12.383	BB	163061	1931257	89.78%	4.806%
11	12.791	12.761	12.821	BB	138841	1596828	74.23%	3.974%
12	12.962	12.929	13.011	BB	157397	1897472	88.21%	4.722%
13	13.544	13.513	13.591	VB	162061	1895703	88.12%	4.718%
14	14.642	14.566	14.688	BB	149874	1908009	88.70%	4.748%
15	15.658	15.605	15.714	BB	144986	1814708	84.36%	4.516%
16	16.604	16.557	16.655	BB	131245	1741307	80.95%	4.333%
17	17.486	17.435	17.542	BB	127807	1744742	81.11%	4.342%
18	18.315	18.247	18.387	BB	119985	1728269	80.34%	4.301%
19	19.094	19.037	19.144	BB	113965	1586885	73.77%	3.949%
20	19.829	19.774	19.863	BV	107504	1514755	70.41%	3.770%
21	20.531	20.472	20.575	BB	91456	1448044	67.31%	3.604%
22	21.339	21.272	21.388	BV	64483	1361355	63.28%	3.388%
Sum of corrected areas:						40183767		

Aliphatic EPH 051324.M Mon May 13 13:44:52 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047734.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 12:31
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 13 13:07:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:07:29 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)	11.351	1092309	5.006 ug/ml
Spiked Amount 50.000		Recovery =	10.01%
12) S 1-chlorooctadecane (S...	12.791	809962	4.970 ug/ml
Spiked Amount 50.000		Recovery =	9.94%
Target Compounds			
1) T n-Nonane (C9)	3.187	966962	5.022 ug/ml
2) T n-Decane (C10)	4.239	985083	4.976 ug/ml
3) T A~Naphthalene (C11.7)	5.797	1063924	4.886 ug/ml
4) T n-Dodecane (C12)	6.240	995864	5.014 ug/ml
5) T A~2-methylnaphthalene...	6.846	1013822	4.833 ug/ml
6) T n-Tetradecane (C14)	8.024	976208	4.998 ug/ml
7) T n-Hexadecane (C16)	9.616	994152	4.954 ug/ml
8) T n-Octadecane (C18)	11.049	1012936	4.988 ug/ml
10) T n-Eicosane (C20)	12.352	975505	4.997 ug/ml
11) T n-Heneicosane (C21)	12.961	975970	5.074 ug/ml
13) T n-Docosane (C22)	13.545	950032	4.993 ug/ml
14) T n-Tetracosane (C24)	14.642	929751	4.945 ug/ml
15) T n-Hexacosane (C26)	15.658	895676	4.944 ug/ml
16) T n-Octacosane (C28)	16.603	865068	4.964 ug/ml
17) T n-Tricontane (C30)	17.486	877744	5.030 ug/ml
18) T n-Dotriacontane (C32)	18.315	859420	5.048 ug/ml
19) T n-Tetratriacontane (C34)	19.094	825938	5.121 ug/ml
20) T n-Hexatriacontane (C36)	19.829	769098	5.031 ug/ml
21) T n-Octatriacontane (C38)	20.531	716627	4.874 ug/ml
22) T n-Tetracontane (C40)	21.339	707248	4.987 ug/ml

(f)=RT Delta > 1/2 Window

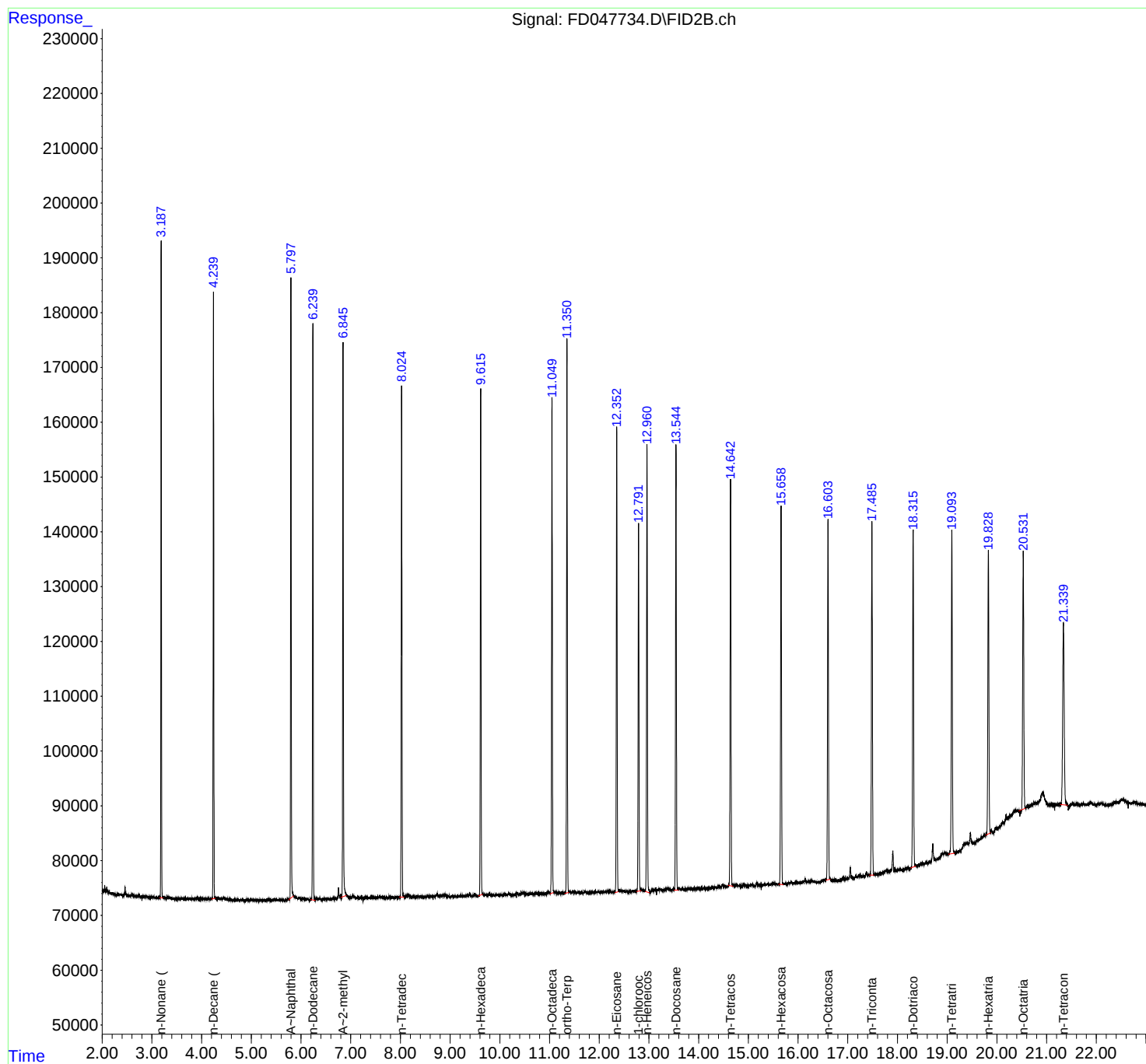
(m)=manual int.

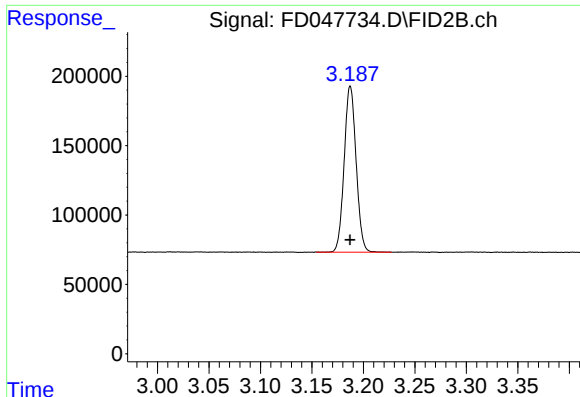
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047734.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 12:31
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: May 13 13:07:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 13:07:29 2024
Response via : Initial Calibration
Integrator: ChemStation

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

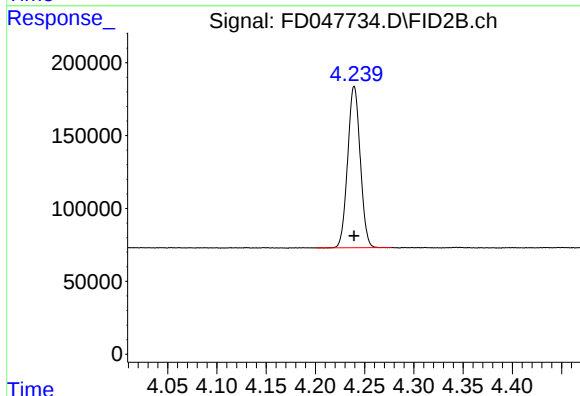




#1 n-Nonane (C9)

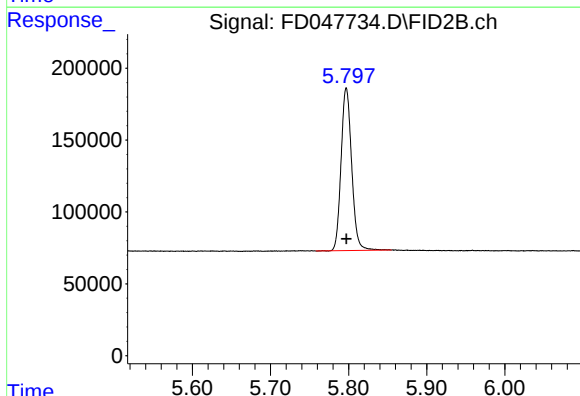
R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 966962
Conc: 5.02 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



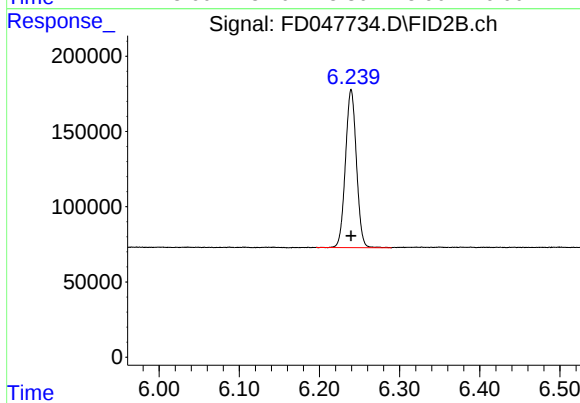
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 985083
Conc: 4.98 ug/ml



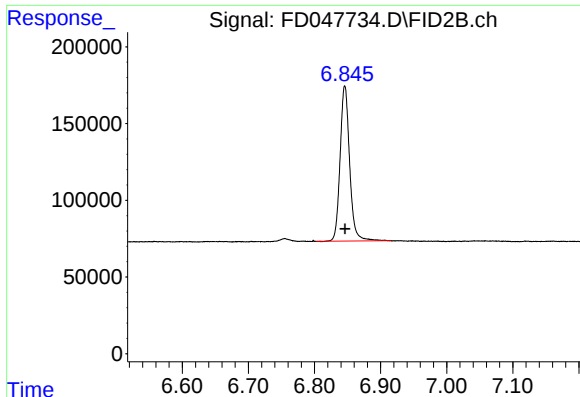
#3 A~Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 1063924
Conc: 4.89 ug/ml



#4 n-Dodecane (C12)

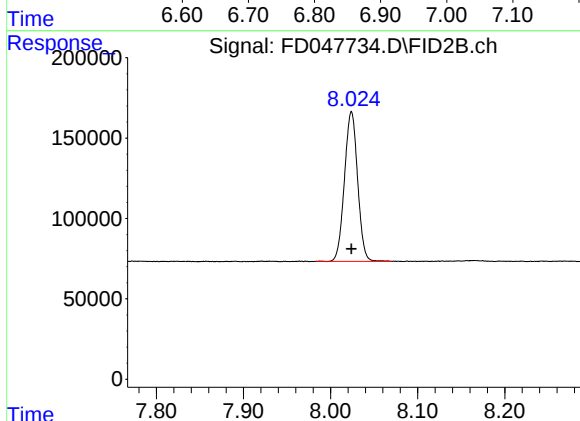
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 995864
Conc: 5.01 ug/ml



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

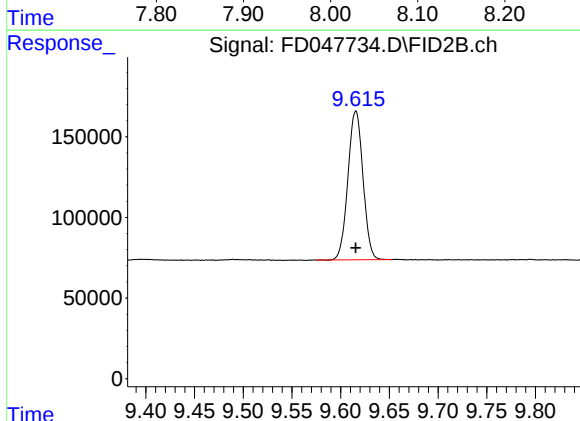
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 1013822
Conc: 4.83 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



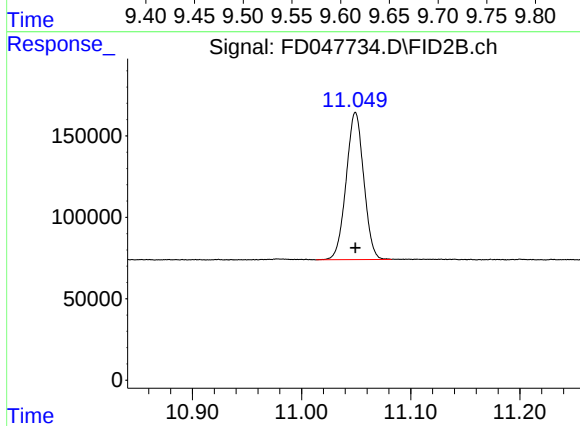
#6 n-Tetradecane (C14)

R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 976208
Conc: 5.00 ug/ml



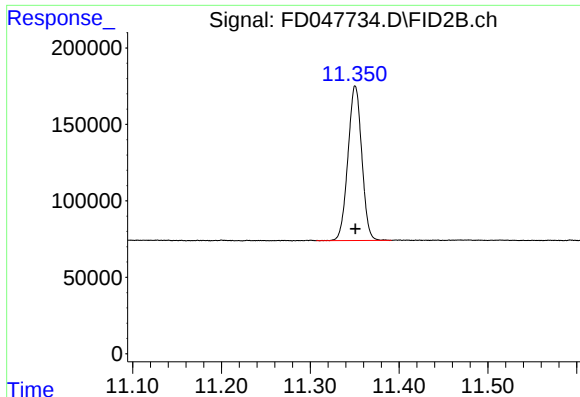
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 994152
Conc: 4.95 ug/ml



#8 n-Octadecane (C18)

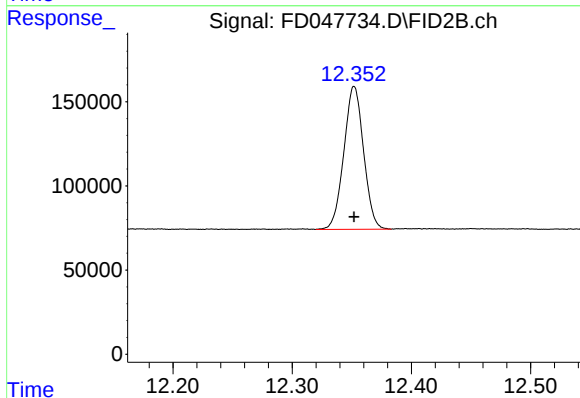
R.T.: 11.049 min
Delta R.T.: 0.000 min
Response: 1012936
Conc: 4.99 ug/ml



#9 ortho-Terphenyl (SURR)

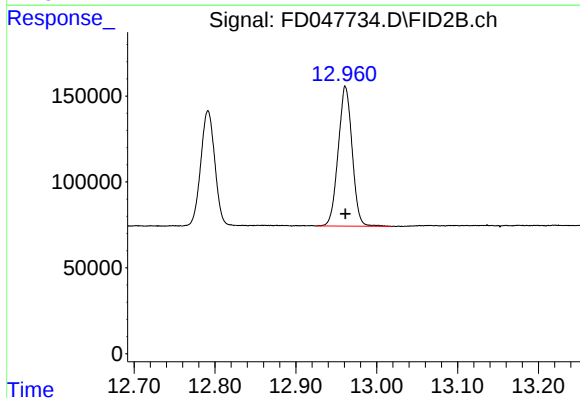
R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 1092309
Conc: 5.01 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



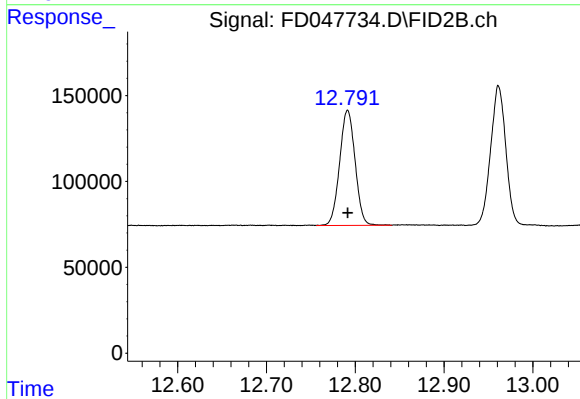
#10 n-Eicosane (C20)

R.T.: 12.352 min
Delta R.T.: 0.000 min
Response: 975505
Conc: 5.00 ug/ml



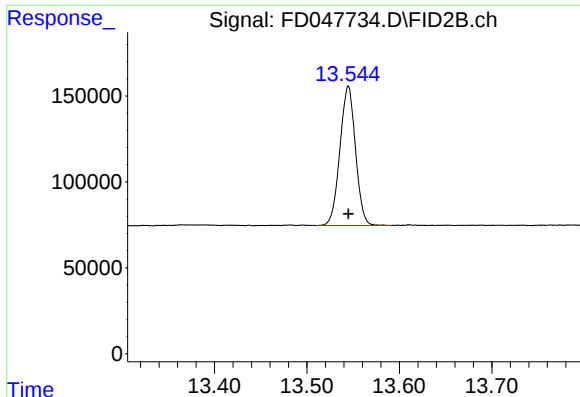
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 975970
Conc: 5.07 ug/ml



#12 1-chlorooctadecane (SURR)

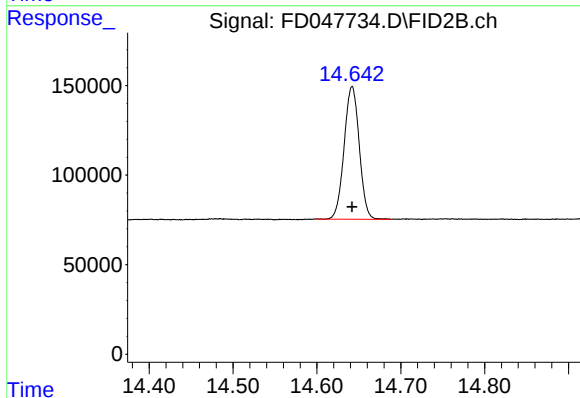
R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 809962
Conc: 4.97 ug/ml



#13 n-Docosane (C22)

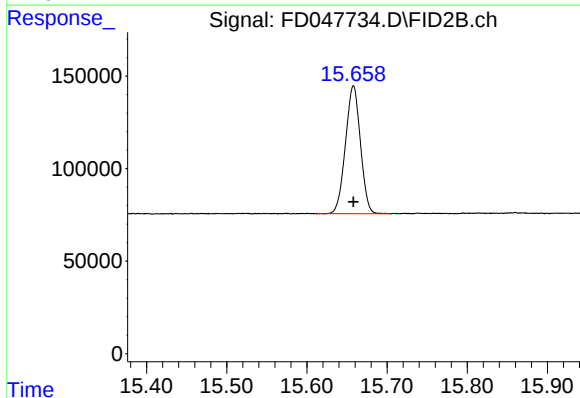
R.T.: 13.545 min
Delta R.T.: 0.000 min
Response: 950032
Conc: 4.99 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



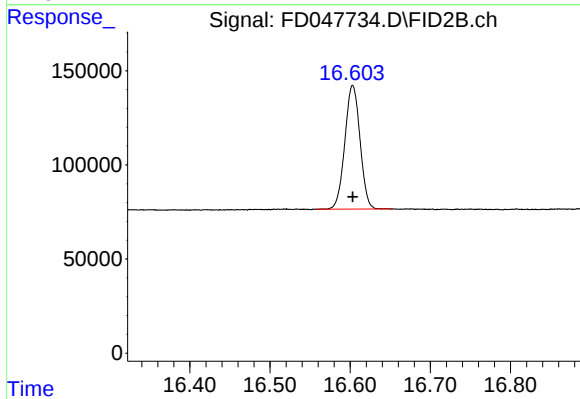
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: 0.000 min
Response: 929751
Conc: 4.95 ug/ml



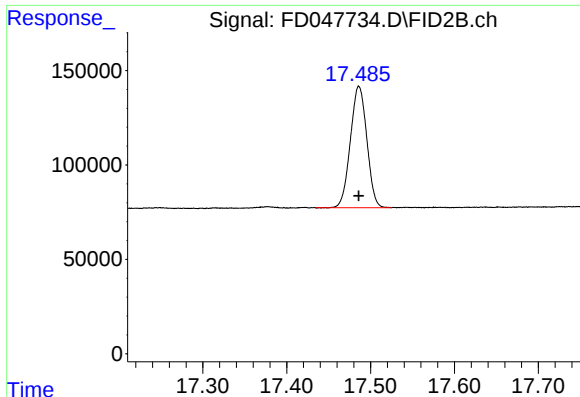
#15 n-Hexacosane (C26)

R.T.: 15.658 min
Delta R.T.: 0.000 min
Response: 895676
Conc: 4.94 ug/ml



#16 n-Octacosane (C28)

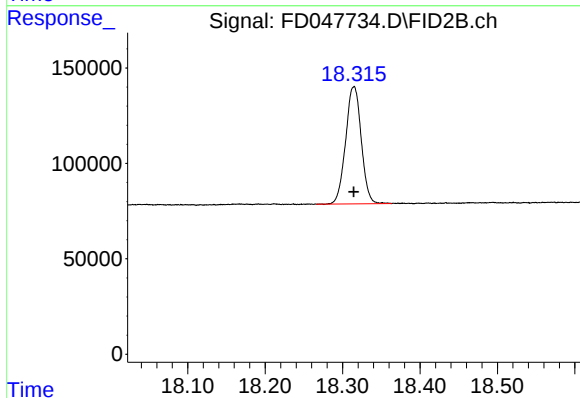
R.T.: 16.603 min
Delta R.T.: 0.000 min
Response: 865068
Conc: 4.96 ug/ml



#17 n-Tricontane (C30)

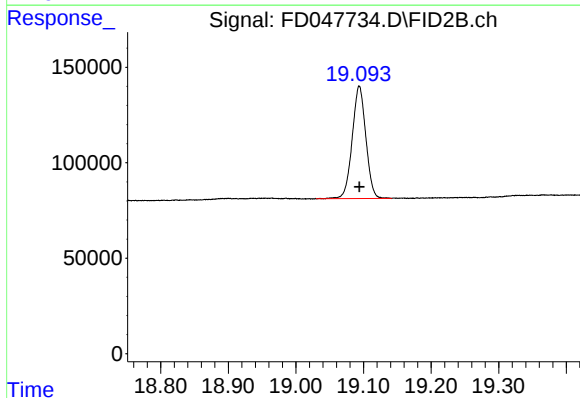
R.T.: 17.486 min
Delta R.T.: 0.000 min
Response: 877744
Conc: 5.03 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



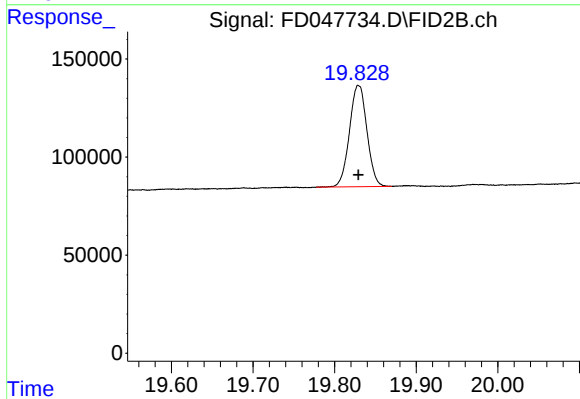
#18 n-Dotriacontane (C32)

R.T.: 18.315 min
Delta R.T.: 0.000 min
Response: 859420
Conc: 5.05 ug/ml



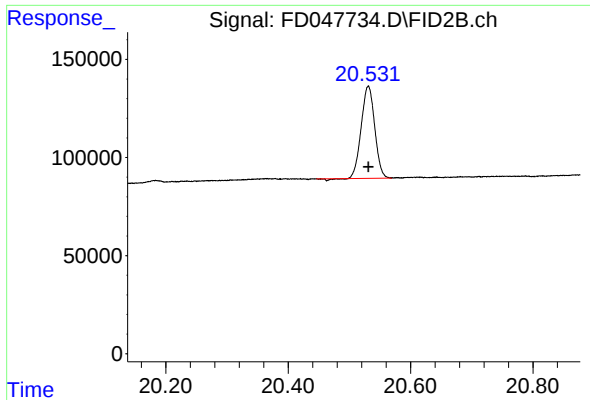
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: 0.000 min
Response: 825938
Conc: 5.12 ug/ml



#20 n-Hexatriacontane (C36)

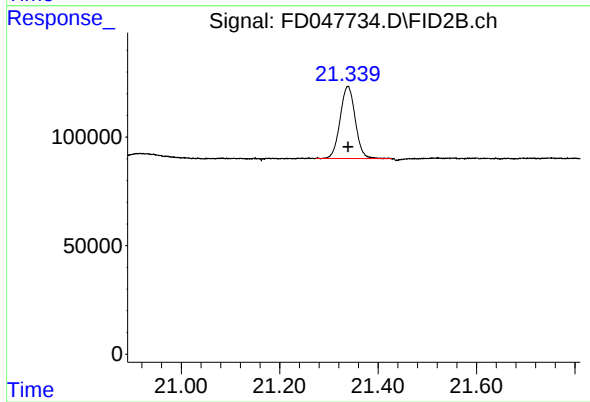
R.T.: 19.829 min
Delta R.T.: 0.000 min
Response: 769098
Conc: 5.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 716627
Conc: 4.87 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.339 min
Delta R.T.: 0.000 min
Response: 707248
Conc: 4.99 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047734.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 12:31
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.187	3.154	3.227	BB	119749	966962	88.52%	4.773%
2	4.239	4.201	4.277	BB	110751	985083	90.18%	4.862%
3	5.797	5.758	5.855	BB	113197	1063924	97.40%	5.252%
4	6.240	6.196	6.290	BB	105101	995864	91.17%	4.916%
5	6.846	6.802	6.917	BB	101127	1013822	92.81%	5.004%
6	8.024	7.983	8.070	BB	93183	976208	89.37%	4.819%
7	9.616	9.575	9.652	BB	92452	994152	91.01%	4.907%
8	11.049	11.013	11.082	BB	90452	1012936	92.73%	5.000%
9	11.351	11.307	11.392	BB	101048	1092309	100.00%	5.392%
10	12.352	12.320	12.383	BB	84851	975505	89.31%	4.815%
11	12.791	12.756	12.841	BB	67146	809962	74.15%	3.998%
12	12.961	12.925	13.018	BB	81171	975970	89.35%	4.817%
13	13.545	13.510	13.592	BB	81296	950032	86.97%	4.689%
14	14.642	14.599	14.689	BB	74075	929751	85.12%	4.589%
15	15.658	15.612	15.706	BB	69135	895676	82.00%	4.421%
16	16.603	16.557	16.652	BB	65774	865068	79.20%	4.270%
17	17.486	17.435	17.525	BB	64405	877744	80.36%	4.333%
18	18.315	18.266	18.363	BB	61497	859420	78.68%	4.242%
19	19.094	19.030	19.142	BB	58835	825938	75.61%	4.077%
20	19.829	19.777	19.870	BB	51579	769098	70.41%	3.796%
21	20.531	20.446	20.569	BB	47033	716627	65.61%	3.537%
22	21.339	21.274	21.427	BB	33228	707248	64.75%	3.491%
Sum of corrected areas:						20259299		

Aliphatic EPH 051324.M Mon May 13 13:44:15 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047735.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 13:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 13 13:42:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 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)	11.352	4489081	20.572 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
12) S 1-chlorooctadecane (S...	12.791	3360945	20.625 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	3.187	3915476	20.335 ug/ml
2) T n-Decane (C10)	4.239	4039093	20.402 ug/ml
3) T A~Naphthalene (C11.7)	5.796	4491179	20.623 ug/ml
4) T n-Dodecane (C12)	6.240	4065612	20.471 ug/ml
5) T A~2-methylnaphthalene...	6.846	4327040	20.627 ug/ml
6) T n-Tetradecane (C14)	8.024	4021986	20.592 ug/ml
7) T n-Hexadecane (C16)	9.616	4140820	20.633 ug/ml
8) T n-Octadecane (C18)	11.050	4194752	20.654 ug/ml
10) T n-Eicosane (C20)	12.353	4023573	20.610 ug/ml
11) T n-Heneicosane (C21)	12.961	3952776	20.550 ug/ml
13) T n-Docosane (C22)	13.544	3908800	20.541 ug/ml
14) T n-Tetracosane (C24)	14.642	3851736	20.486 ug/ml
15) T n-Hexacosane (C26)	15.657	3718820	20.529 ug/ml
16) T n-Octacosane (C28)	16.602	3578967	20.536 ug/ml
17) T n-Tricontane (C30)	17.485	3597785	20.617 ug/ml
18) T n-Dotriacontane (C32)	18.313	3484450	20.465 ug/ml
19) T n-Tetratriacontane (C34)	19.093	3332894	20.666 ug/ml
20) T n-Hexatriacontane (C36)	19.828	3142129	20.555 ug/ml
21) T n-Octatriacontane (C38)	20.529	3036165	20.649 ug/ml
22) T n-Tetracontane (C40)	21.337	2923877	20.616 ug/ml

(f)=RT Delta > 1/2 Window

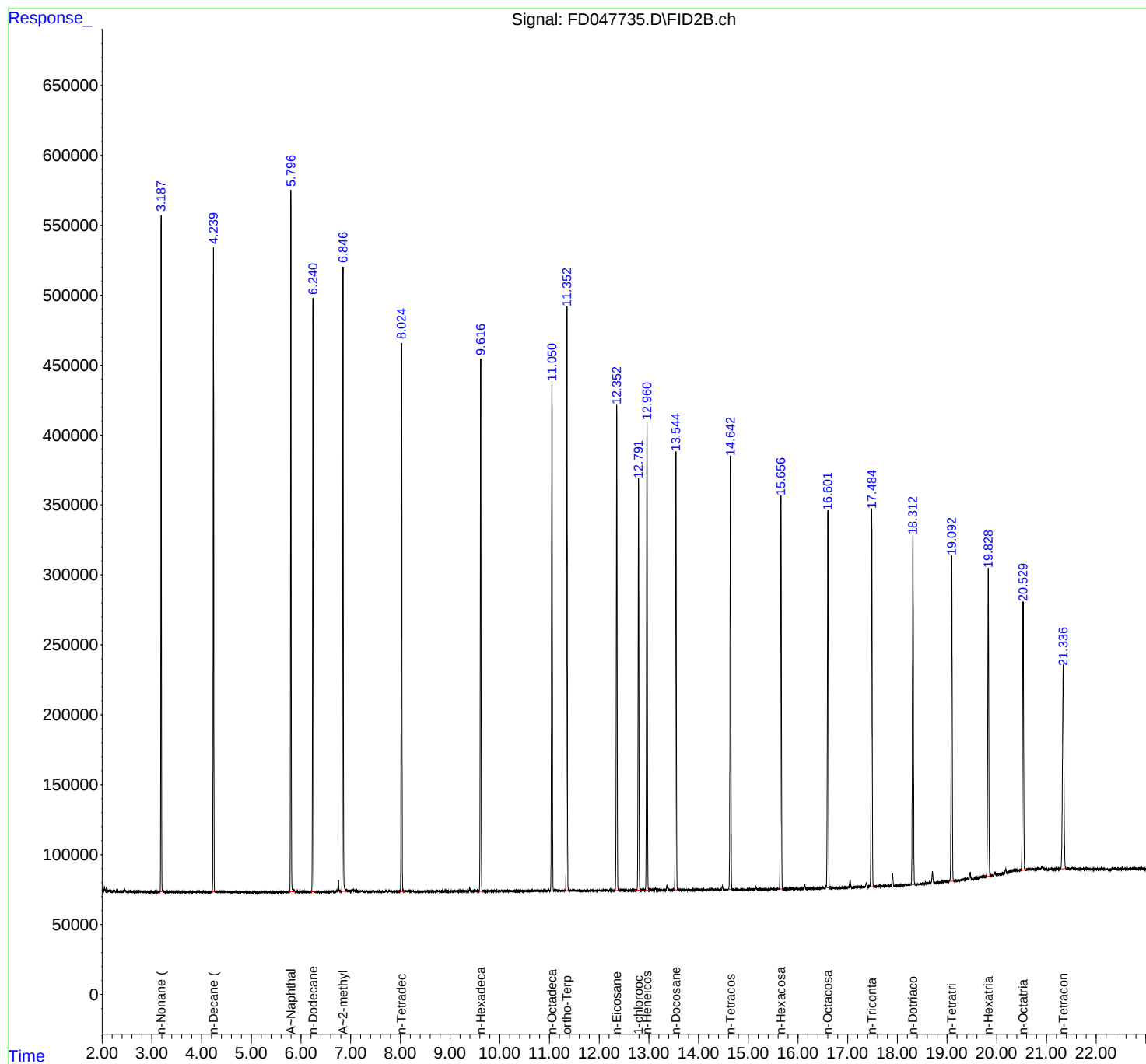
(m)=manual int.

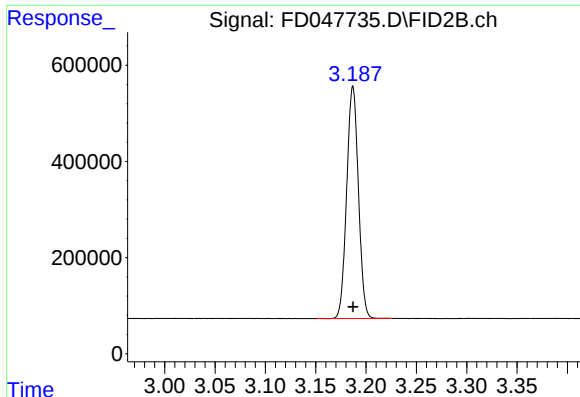
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047735.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 13:10
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: May 13 13:42:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 13:08:23 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)

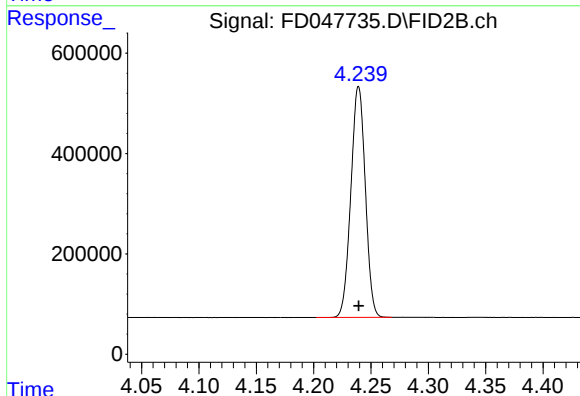
R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 3915476
Conc: 20.34 ug/ml

Instrument :

FID_D

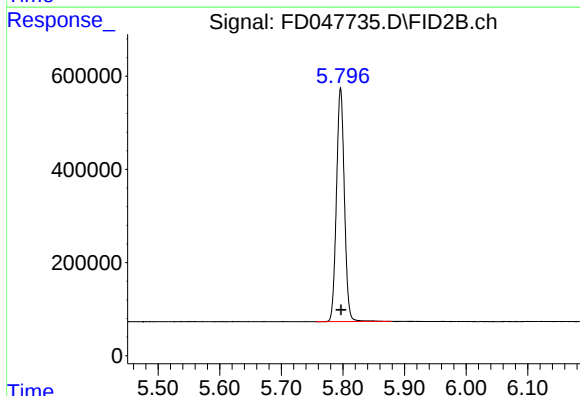
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



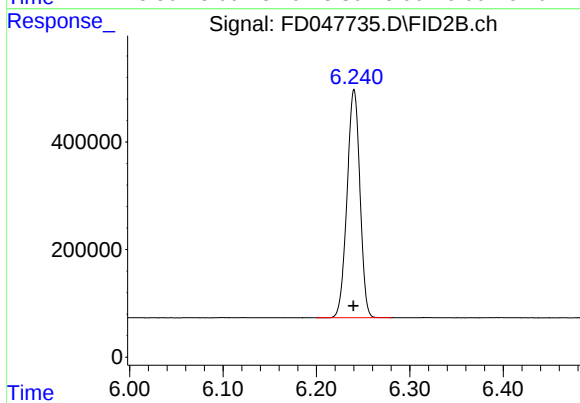
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 4039093
Conc: 20.40 ug/ml



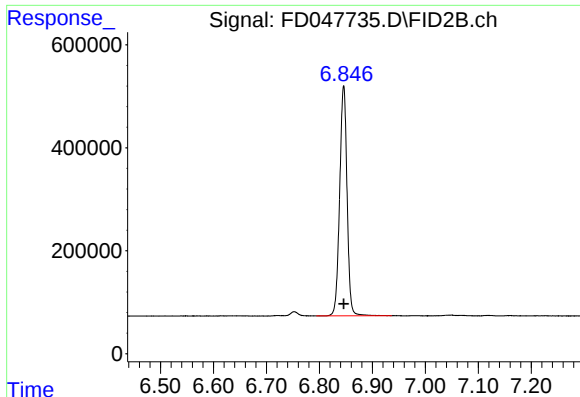
#3 A~Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 4491179
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

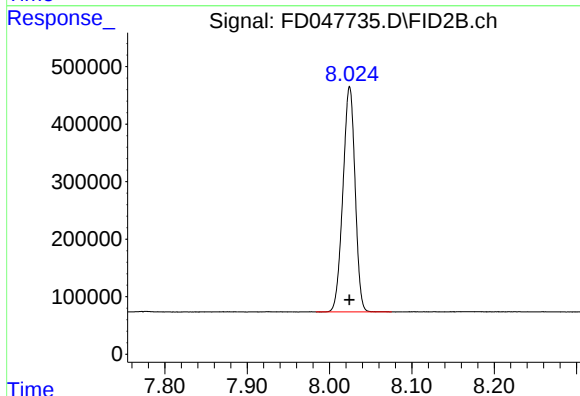
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 4065612
Conc: 20.47 ug/ml



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

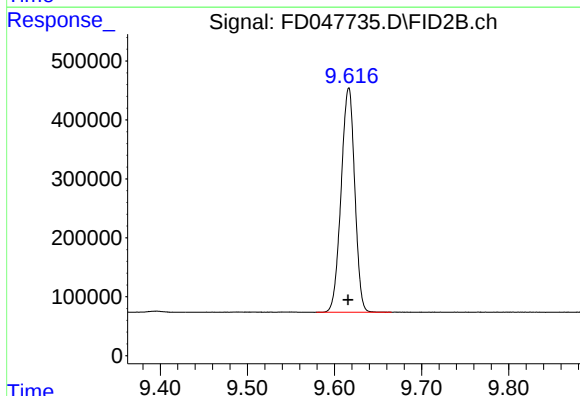
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 4327040
Conc: 20.63 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



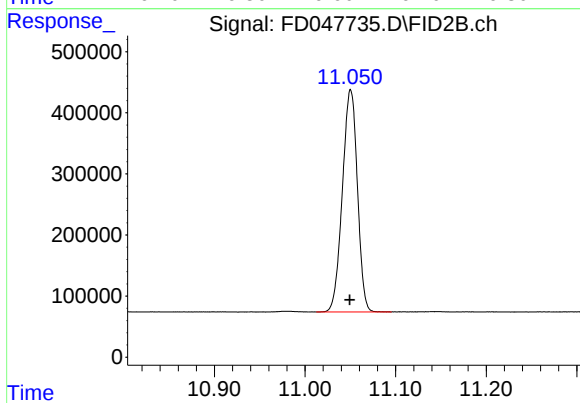
#6 n-Tetradecane (C14)

R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 4021986
Conc: 20.59 ug/ml



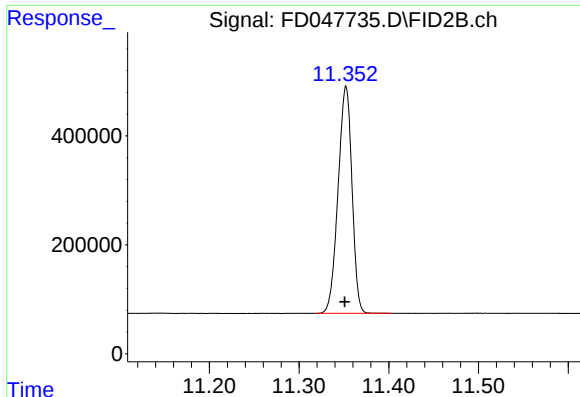
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 4140820
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

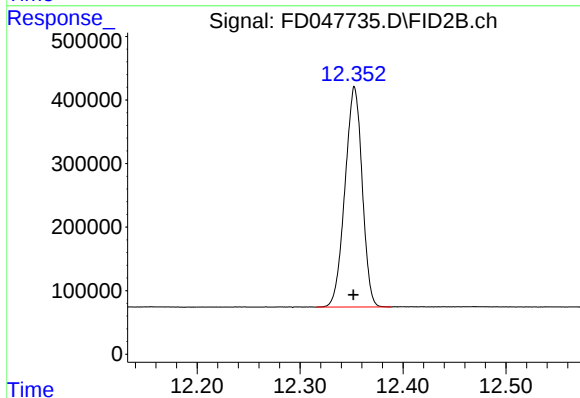
R.T.: 11.050 min
Delta R.T.: 0.001 min
Response: 4194752
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

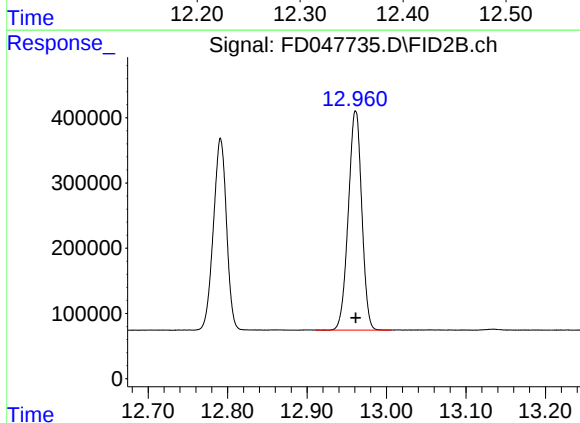
R.T.: 11.352 min
Delta R.T.: 0.002 min
Response: 4489081
Conc: 20.57 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



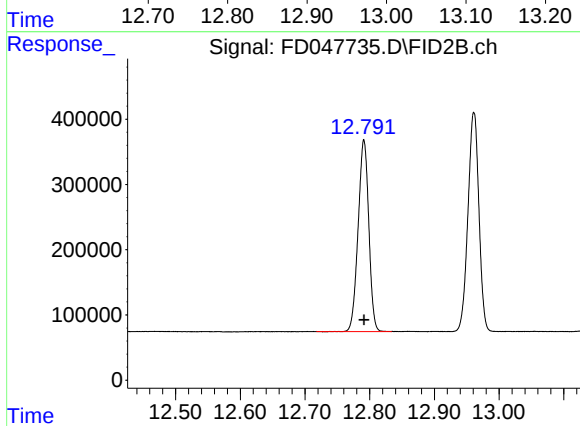
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: 0.000 min
Response: 4023573
Conc: 20.61 ug/ml



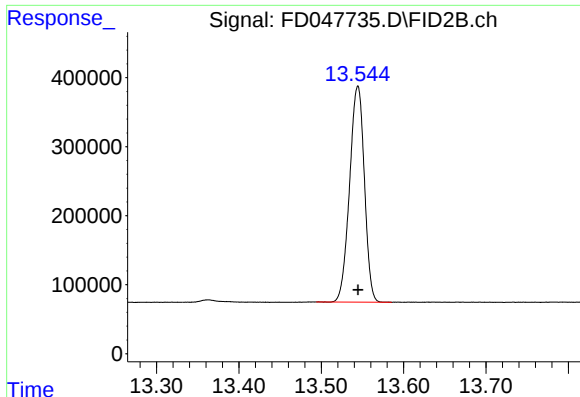
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 3952776
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 3360945
Conc: 20.63 ug/ml



#13 n-Docosane (C22)

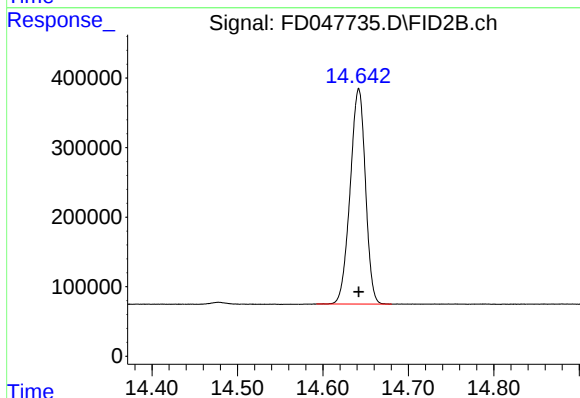
R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 3908800
Conc: 20.54 ug/ml

Instrument :

FID_D

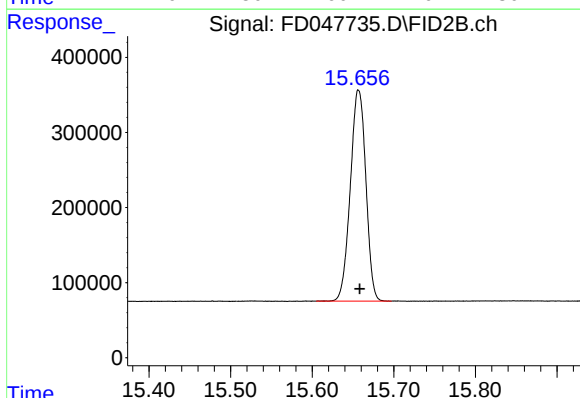
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



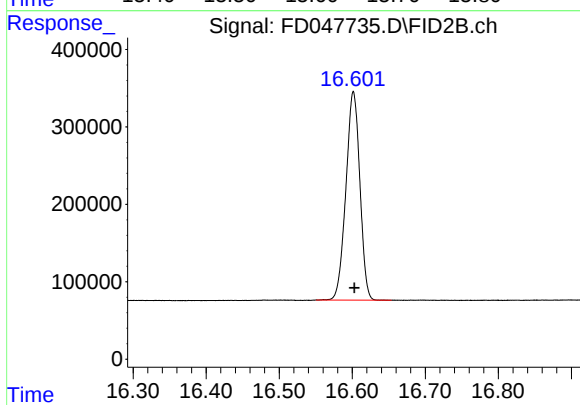
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: 0.000 min
Response: 3851736
Conc: 20.49 ug/ml



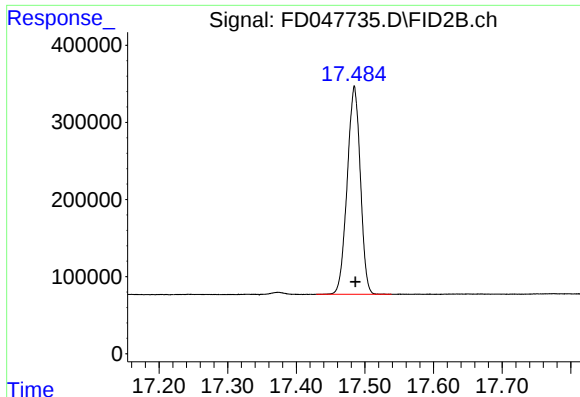
#15 n-Hexacosane (C26)

R.T.: 15.657 min
Delta R.T.: -0.001 min
Response: 3718820
Conc: 20.53 ug/ml



#16 n-Octacosane (C28)

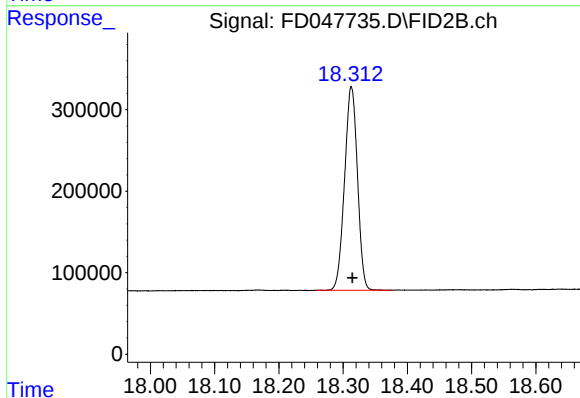
R.T.: 16.602 min
Delta R.T.: -0.002 min
Response: 3578967
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

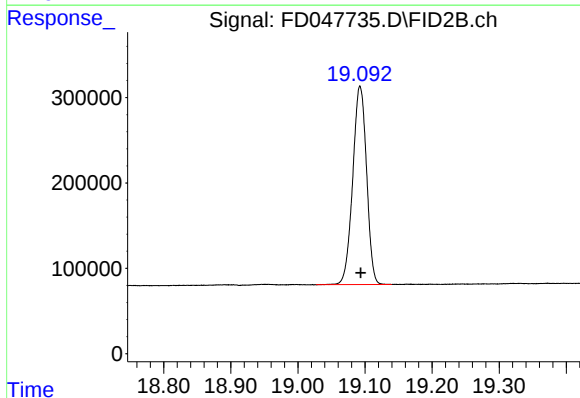
R.T.: 17.485 min
Delta R.T.: -0.001 min
Response: 3597785
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



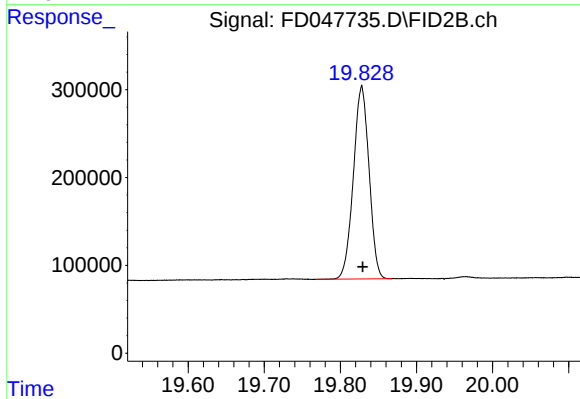
#18 n-Dotriacontane (C32)

R.T.: 18.313 min
Delta R.T.: -0.002 min
Response: 3484450
Conc: 20.47 ug/ml



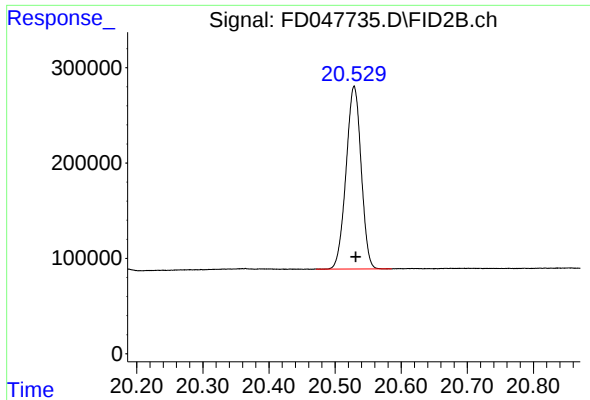
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: -0.001 min
Response: 3332894
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

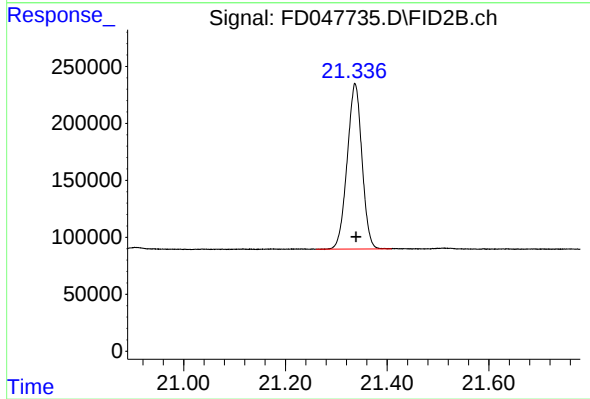
R.T.: 19.828 min
Delta R.T.: -0.001 min
Response: 3142129
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.529 min
Delta R.T.: -0.002 min
Response: 3036165
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.337 min
Delta R.T.: -0.002 min
Response: 2923877
Conc: 20.62 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047735.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 13:10
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.187	3.151	3.226	BB	483637	3915476	87.18%	4.684%
2	4.239	4.202	4.268	BB	460520	4039093	89.93%	4.832%
3	5.796	5.756	5.879	BB	501704	4491179	100.00%	5.372%
4	6.240	6.200	6.281	BB	424370	4065612	90.52%	4.863%
5	6.846	6.794	6.936	BB	446528	4327040	96.35%	5.176%
6	8.024	7.984	8.076	BB	391609	4021986	89.55%	4.811%
7	9.616	9.579	9.666	BB	380682	4140820	92.20%	4.953%
8	11.050	11.012	11.096	BB	363260	4194752	93.40%	5.018%
9	11.352	11.319	11.403	BB	417275	4489081	99.95%	5.370%
10	12.353	12.316	12.389	BB	346135	4023573	89.59%	4.813%
11	12.791	12.717	12.834	BB	293729	3360945	74.83%	4.020%
12	12.961	12.911	13.006	BB	335359	3952776	88.01%	4.728%
13	13.544	13.494	13.586	BB	313740	3908800	87.03%	4.676%
14	14.642	14.592	14.681	BB	310037	3851736	85.76%	4.607%
15	15.657	15.605	15.697	BB	281095	3718820	82.80%	4.448%
16	16.602	16.551	16.654	BB	269675	3578967	79.69%	4.281%
17	17.485	17.429	17.539	BB	270387	3597785	80.11%	4.304%
18	18.313	18.258	18.376	BB	249881	3484450	77.58%	4.168%
19	19.093	19.027	19.140	BB	232610	3332894	74.21%	3.987%
20	19.828	19.768	19.867	BB	220415	3142129	69.96%	3.759%
21	20.529	20.471	20.586	BB	191972	3036165	67.60%	3.632%
22	21.337	21.261	21.409	BB	145316	2923877	65.10%	3.498%
Sum of corrected areas:						83597956		

Aliphatic EPH 051324.M Mon May 13 13:43:57 2024