

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072924AL\
 Data File : FF014311.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jul 2024 18:54
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jul 30 05:50:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:50:13 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)	11.820	1416952	10.061 ug/ml
Spiked Amount 50.000		Recovery =	20.12%
12) S 1-chlorooctadecane (S...	13.263	914461	9.781 ug/ml
Spiked Amount 50.000		Recovery =	19.56%
Target Compounds			
1) T n-Nonane (C9)	3.221	1305169	10.099 ug/ml
2) T n-Decane (C10)	4.470	1320023	10.075 ug/ml
3) T A~Naphthalene (C11.7)	6.165	1245168	9.779 ug/ml
4) T n-Dodecane (C12)	6.635	1333452	10.083 ug/ml
5) T A~2-methylnaphthalene...	7.261	1113344	9.610 ug/ml
6) T n-Tetradecane (C14)	8.461	1290361	10.024 ug/ml
7) T n-Hexadecane (C16)	10.067	1287181	9.941 ug/ml
8) T n-Octadecane (C18)	11.510	1319848	9.996 ug/ml
10) T n-Eicosane (C20)	12.819	1259902	10.024 ug/ml
11) T n-Heneicosane (C21)	13.431	1225910	9.995 ug/ml
13) T n-Docosane (C22)	14.017	1198115	9.998 ug/ml
14) T n-Tetracosane (C24)	15.122	1162716	9.949 ug/ml
15) T n-Hexacosane (C26)	16.144	1132857	10.023 ug/ml
16) T n-Octacosane (C28)	17.095	1116255	10.126 ug/ml
17) T n-Tricontane (C30)	17.982	1149593	10.299 ug/ml
18) T n-Dotriacontane (C32)	18.814	1159893	10.568 ug/ml
19) T n-Tetratriacontane (C34)	19.599	1103788	10.753 ug/ml
20) T n-Hexatriacontane (C36)	20.338	980048	10.978 ug/ml
21) T n-Octatriacontane (C38)	21.062	748661	10.871 ug/ml
22) T n-Tetracontane (C40)	21.941	519946	11.622 ug/ml

(f)=RT Delta > 1/2 Window

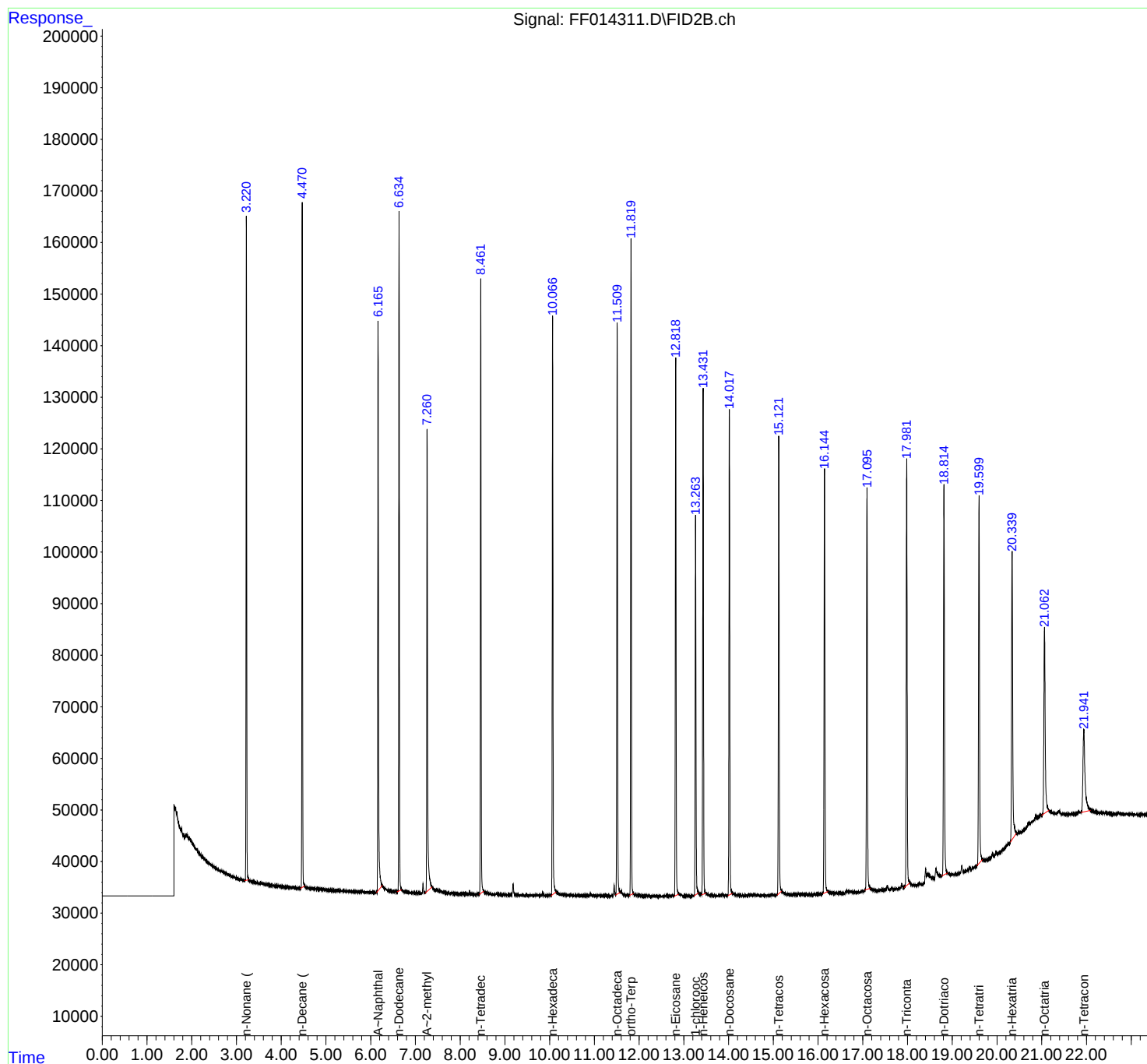
(m)=manual int.

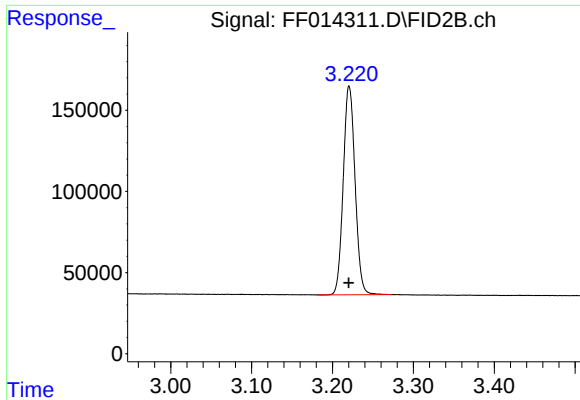
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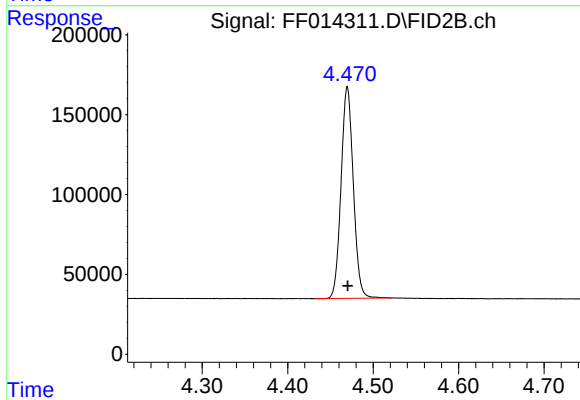




#1 n-Nonane (C9)

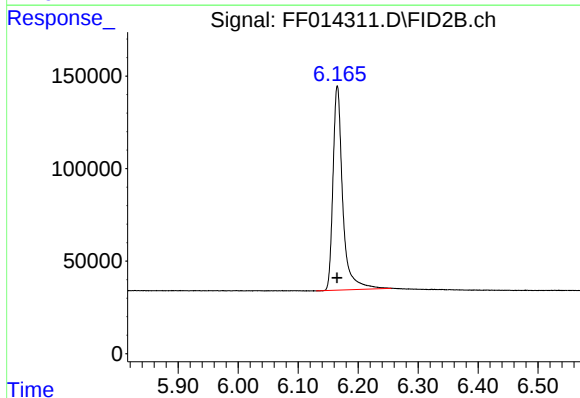
R.T.: 3.221 min
Delta R.T.: 0.000 min
Response: 1305169
Conc: 10.10 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



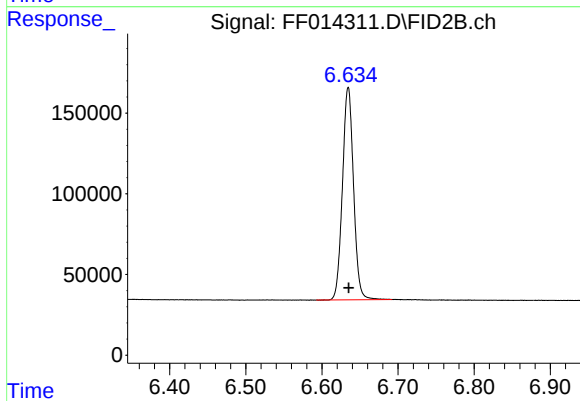
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 1320023
Conc: 10.07 ug/ml



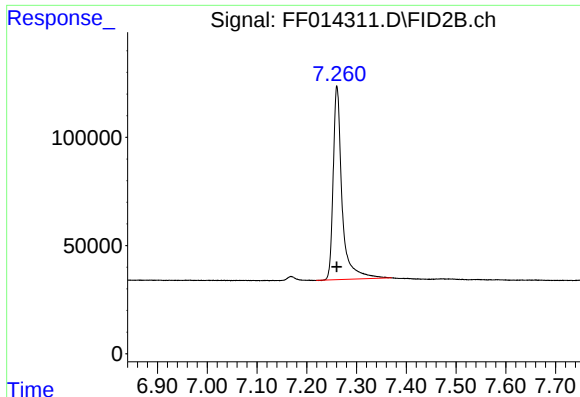
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 1245168
Conc: 9.78 ug/ml



#4 n-Dodecane (C12)

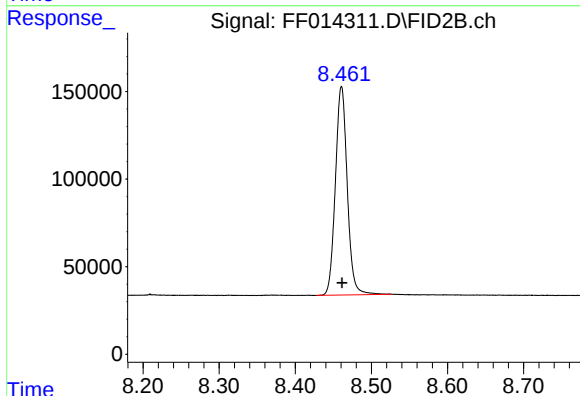
R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 1333452
Conc: 10.08 ug/ml



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

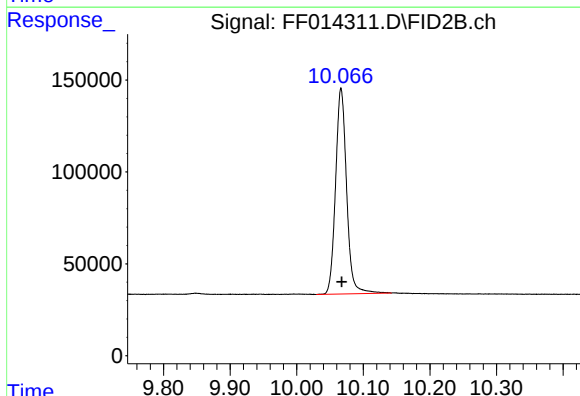
R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 1113344
Conc: 9.61 ug/ml

Instrument :
FID_F
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10 PPM ALIPHATIC HC STD4



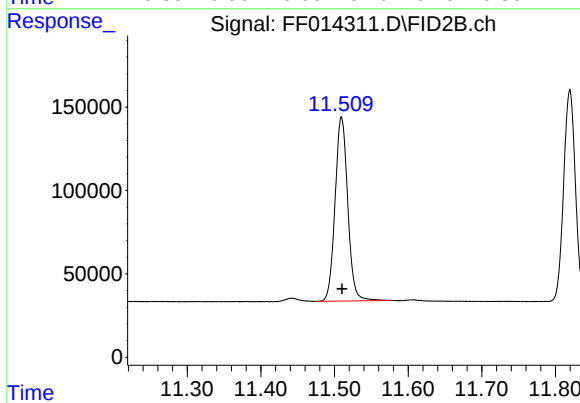
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 1290361
Conc: 10.02 ug/ml



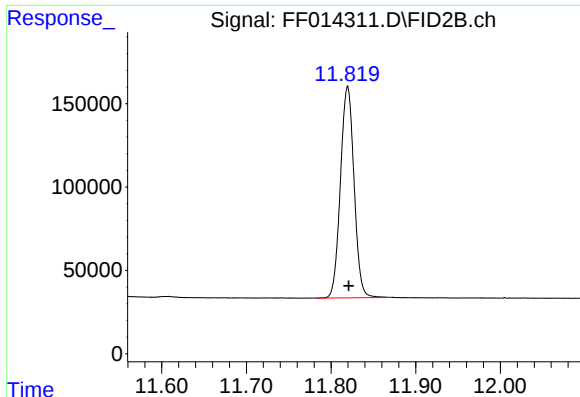
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: 0.000 min
Response: 1287181
Conc: 9.94 ug/ml



#8 n-Octadecane (C18)

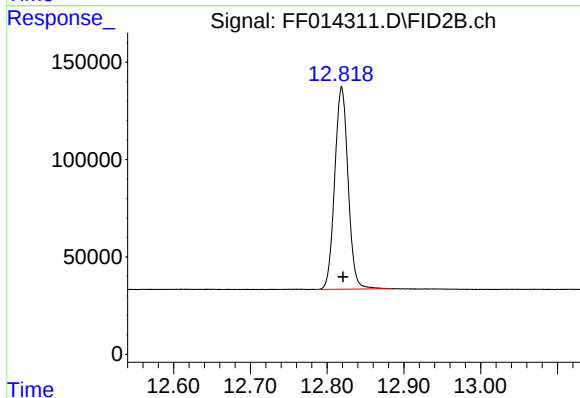
R.T.: 11.510 min
Delta R.T.: 0.000 min
Response: 1319848
Conc: 10.00 ug/ml



#9 ortho-Terphenyl (SURR)

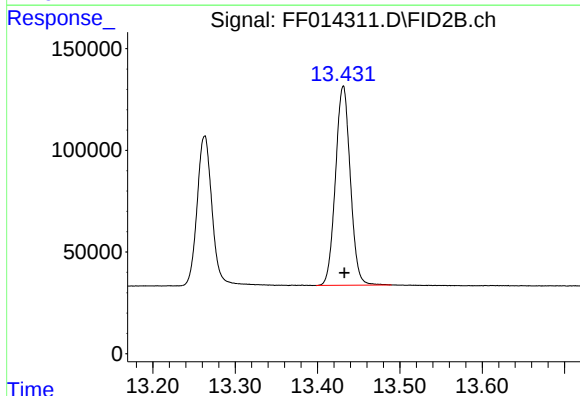
R.T.: 11.820 min
Delta R.T.: -0.001 min
Response: 1416952
Conc: 10.06 ug/ml

Instrument :
FID_F
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10 PPM ALIPHATIC HC STD4



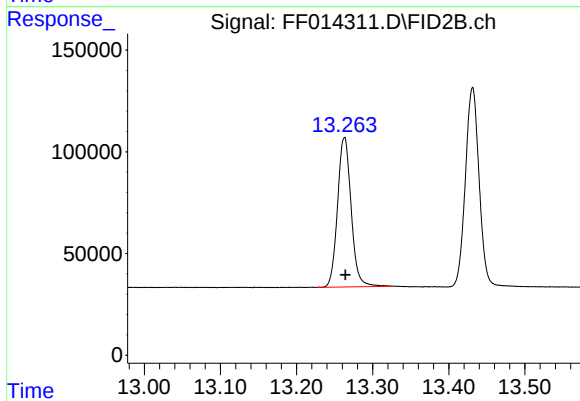
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: -0.002 min
Response: 1259902
Conc: 10.02 ug/ml



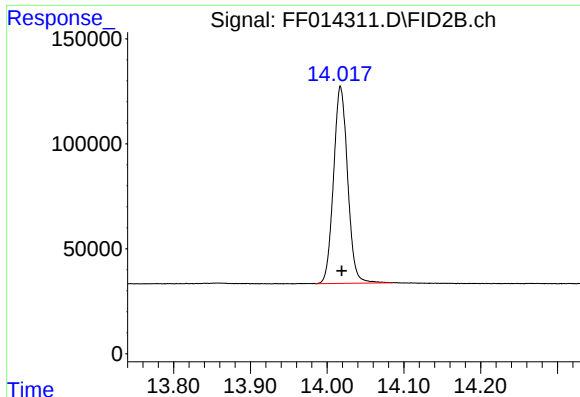
#11 n-Heneicosane (C21)

R.T.: 13.431 min
Delta R.T.: -0.001 min
Response: 1225910
Conc: 10.00 ug/ml



#12 1-chlorooctadecane (SURR)

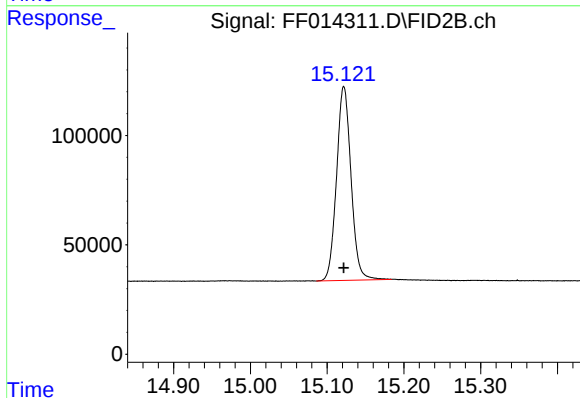
R.T.: 13.263 min
Delta R.T.: -0.001 min
Response: 914461
Conc: 9.78 ug/ml



#13 n-Docosane (C22)

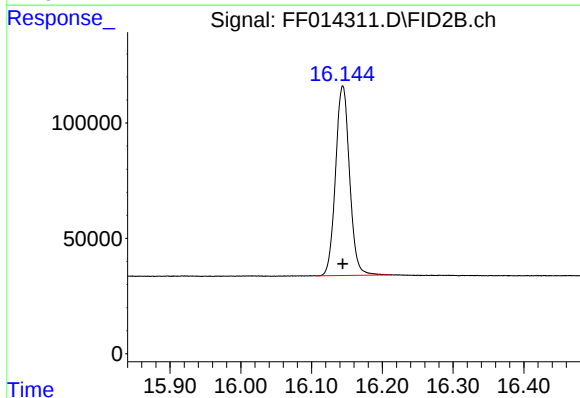
R.T.: 14.017 min
Delta R.T.: -0.002 min
Response: 1198115
Conc: 10.00 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



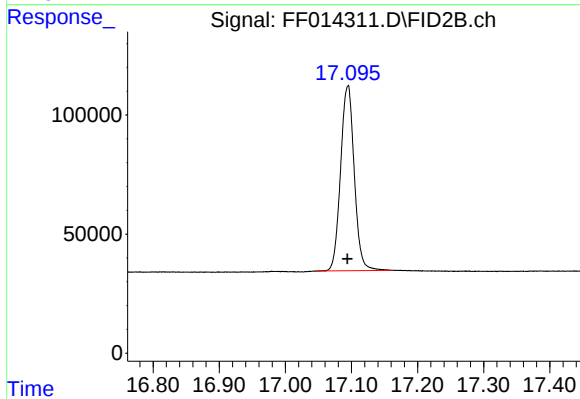
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: 0.000 min
Response: 1162716
Conc: 9.95 ug/ml



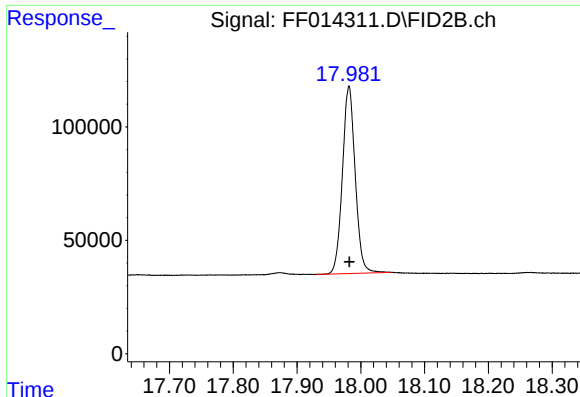
#15 n-Hexacosane (C26)

R.T.: 16.144 min
Delta R.T.: 0.000 min
Response: 1132857
Conc: 10.02 ug/ml



#16 n-Octacosane (C28)

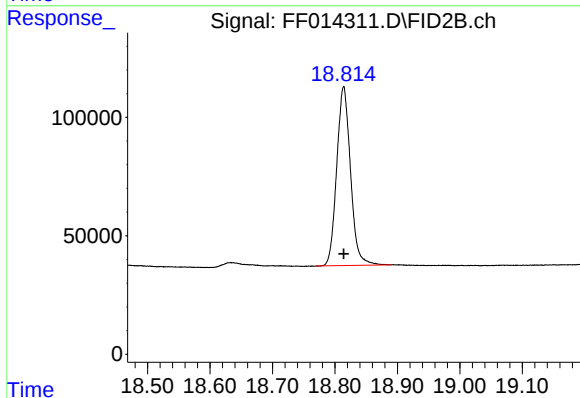
R.T.: 17.095 min
Delta R.T.: 0.000 min
Response: 1116255
Conc: 10.13 ug/ml



#17 n-Tricontane (C30)

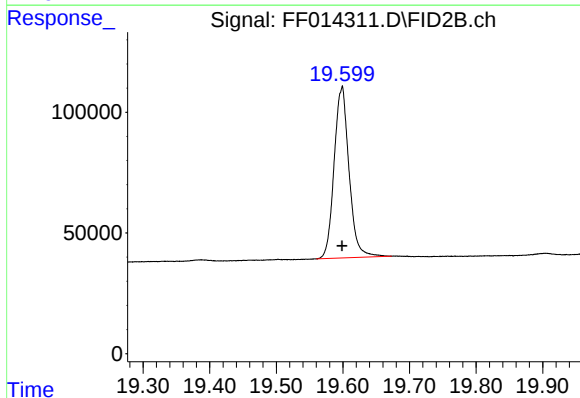
R.T.: 17.982 min
Delta R.T.: 0.000 min
Response: 1149593
Conc: 10.30 ug/ml

Instrument :
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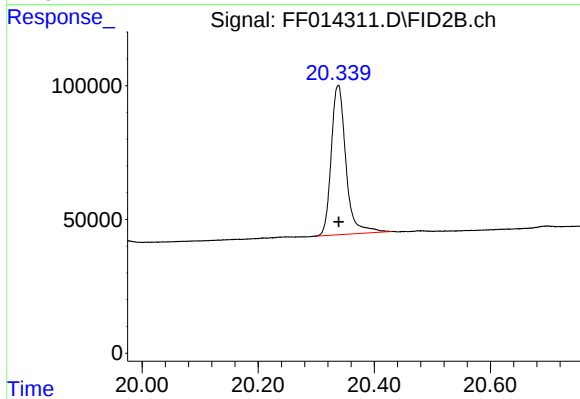
#18 n-Dotriacontane (C32)

R.T.: 18.814 min
Delta R.T.: 0.000 min
Response: 1159893
Conc: 10.57 ug/ml



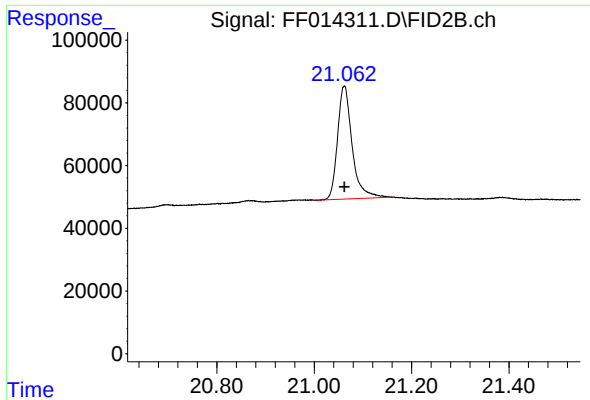
#19 n-Tetratriacontane (C34)

R.T.: 19.599 min
Delta R.T.: 0.000 min
Response: 1103788
Conc: 10.75 ug/ml



#20 n-Hexatriacontane (C36)

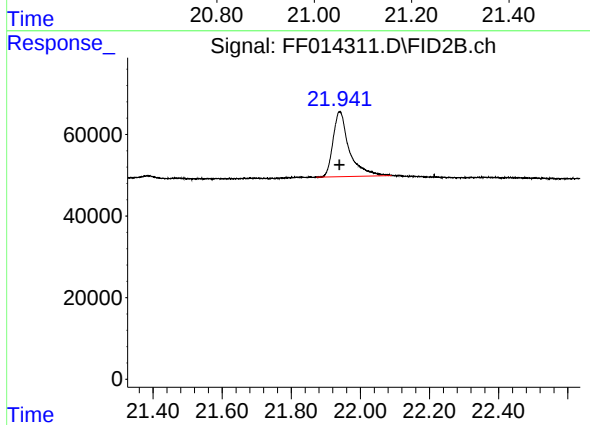
R.T.: 20.338 min
Delta R.T.: 0.000 min
Response: 980048
Conc: 10.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.062 min
Delta R.T.: 0.000 min
Response: 748661
Conc: 10.87 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: 0.002 min
Response: 519946
Conc: 11.62 ug/ml