

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041825AL\
 Data File : FF015779.D
 Signal(s) : FID2B.ch
 Acq On : 17 Apr 2025 17:24
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 21 02:41:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 041825.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 21 02:35:38 2025
 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)	11.934	1449552	10.037 ug/ml
Spiked Amount 50.000		Recovery =	20.07%
12) S 1-chlorooctadecane (S...	13.368	1036352	9.892 ug/ml
Spiked Amount 50.000		Recovery =	19.78%
Target Compounds			
1) T n-Nonane (C9)	3.308	1099030	9.958 ug/ml
2) T n-Decane (C10)	4.565	1100051	9.902 ug/ml
3) T A~Naphthalene (C11.7)	6.286	961314	8.772 ug/ml
4) T n-Dodecane (C12)	6.731	1125986	9.913 ug/ml
5) T A~2-methylnaphthalene...	7.395	819924	8.137 ug/ml
6) T n-Tetradecane (C14)	8.558	1117023	9.936 ug/ml
7) T n-Hexadecane (C16)	10.165	1101861	9.779 ug/ml
8) T n-Octadecane (C18)	11.608	1136105	9.900 ug/ml
10) T n-Eicosane (C20)	12.918	1159510	10.063 ug/ml
11) T n-Heneicosane (C21)	13.530	1163952	10.085 ug/ml
13) T n-Docosane (C22)	14.117	1177214	10.269 ug/ml
14) T n-Tetracosane (C24)	15.221	1228443	10.638 ug/ml
15) T n-Hexacosane (C26)	16.243	1184323	10.609 ug/ml
16) T n-Octacosane (C28)	17.193	1178147	10.697 ug/ml
17) T n-Tricontane (C30)	18.081	1190603	10.772 ug/ml
18) T n-Dotriacontane (C32)	18.917	1512954	13.528 ug/ml
19) T n-Tetratriacontane (C34)	19.700	1098616	10.440 ug/ml
20) T n-Hexatriacontane (C36)	20.440	1063295	10.084 ug/ml
21) T n-Octatriacontane (C38)	21.177	994241	10.280 ug/ml
22) T n-Tetracontane (C40)	22.089	973150	10.185 ug/ml

(f)=RT Delta > 1/2 Window

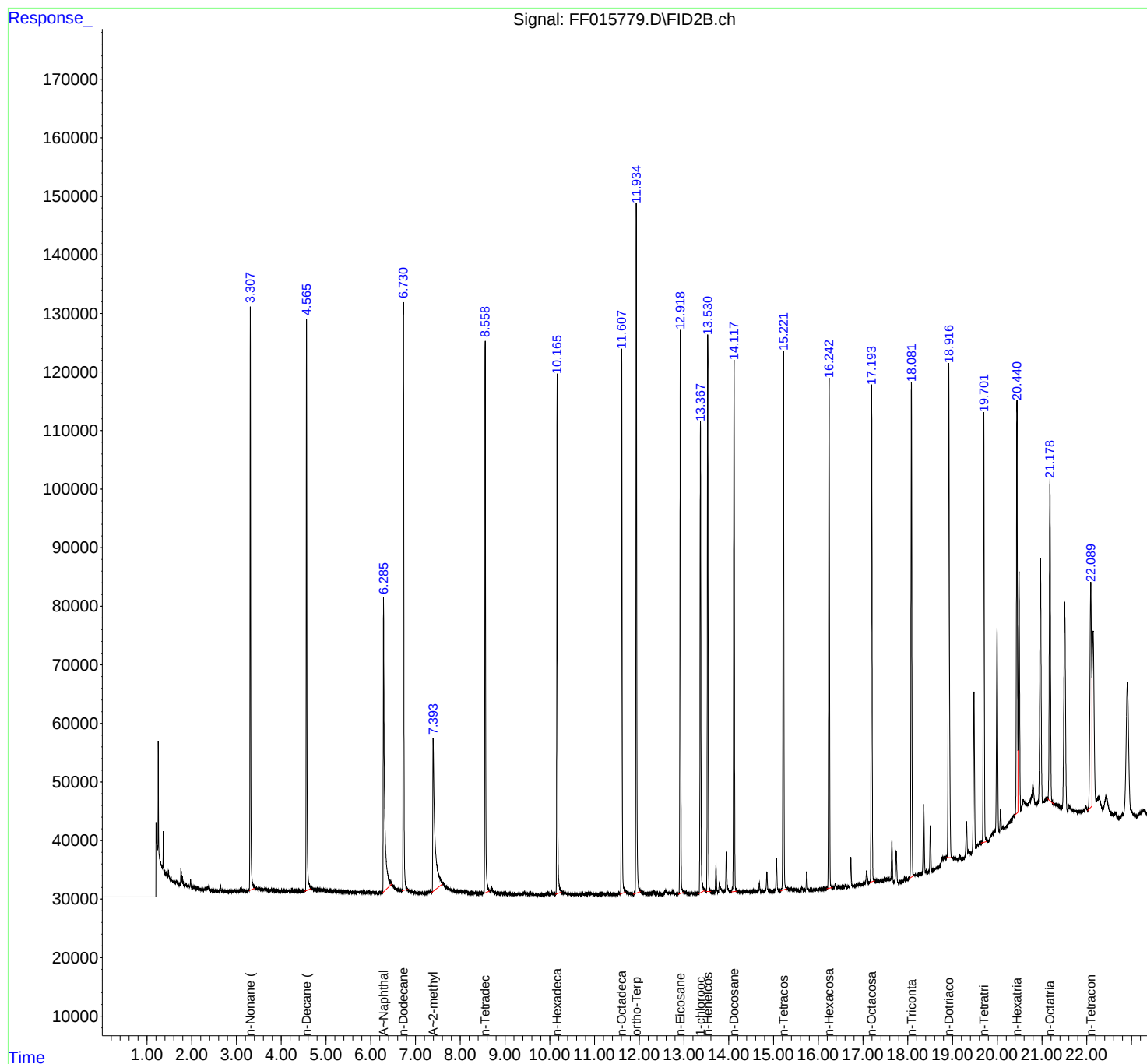
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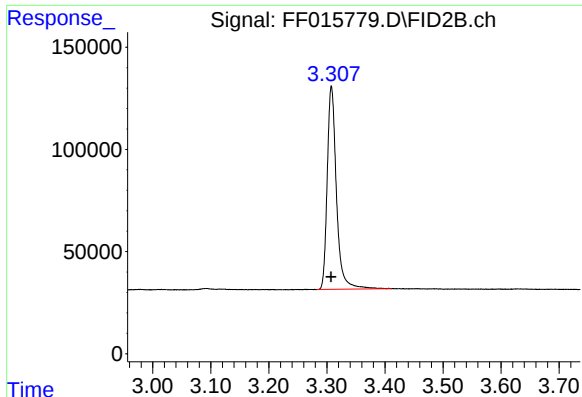
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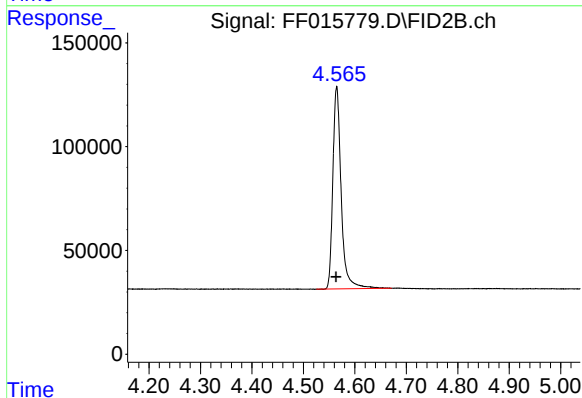




#1 n-Nonane (C9)

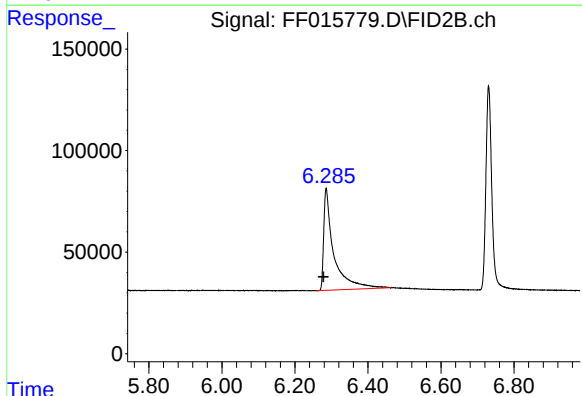
R.T.: 3.308 min
Delta R.T.: 0.001 min
Response: 1099030
Conc: 9.96 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



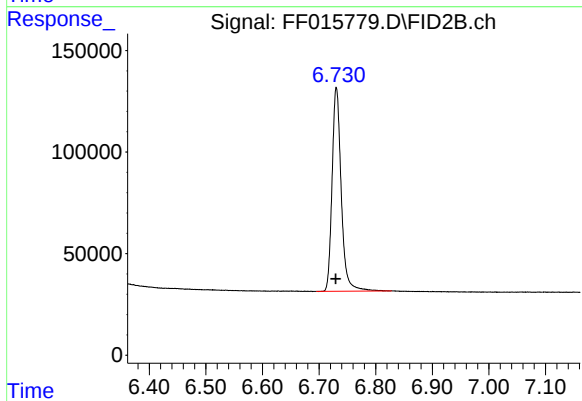
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.002 min
Response: 1100051
Conc: 9.90 ug/ml



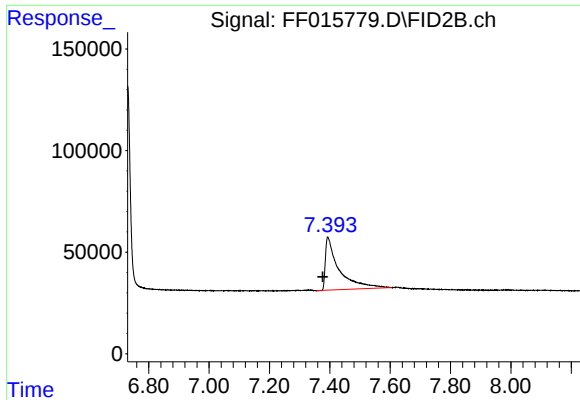
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: 0.008 min
Response: 961314
Conc: 8.77 ug/ml



#4 n-Dodecane (C12)

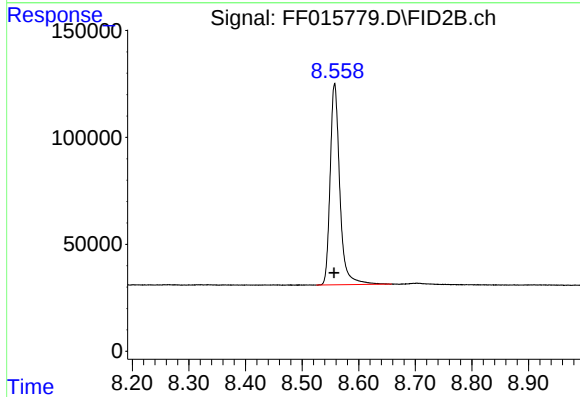
R.T.: 6.731 min
Delta R.T.: 0.001 min
Response: 1125986
Conc: 9.91 ug/ml



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

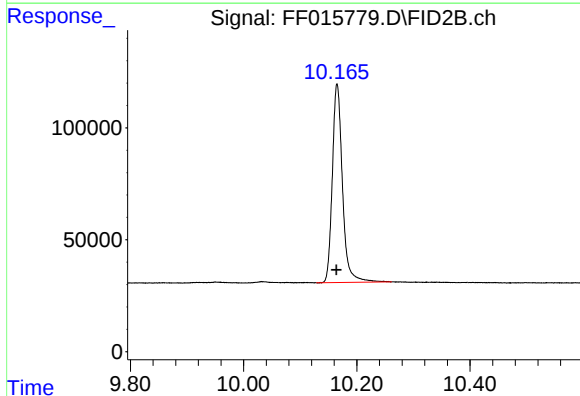
R.T.: 7.395 min
Delta R.T.: 0.018 min
Response: 819924
Conc: 8.14 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



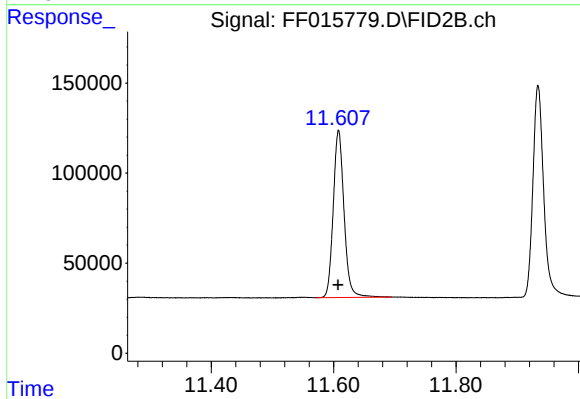
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 1117023
Conc: 9.94 ug/ml



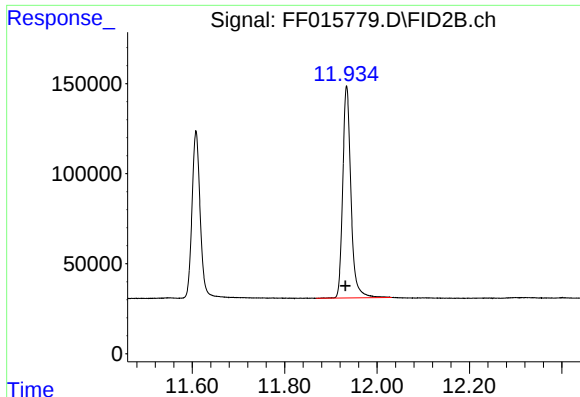
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.002 min
Response: 1101861
Conc: 9.78 ug/ml



#8 n-Octadecane (C18)

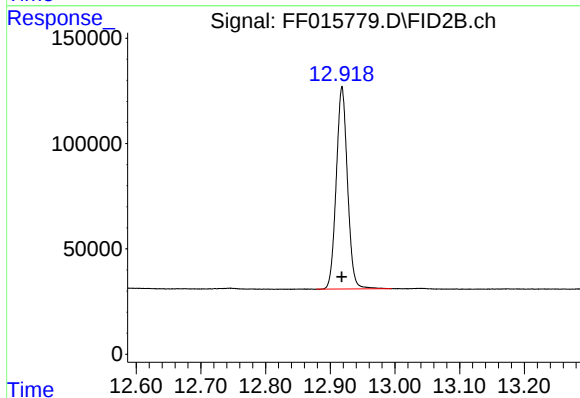
R.T.: 11.608 min
Delta R.T.: 0.000 min
Response: 1136105
Conc: 9.90 ug/ml



#9 ortho-Terphenyl (SURR)

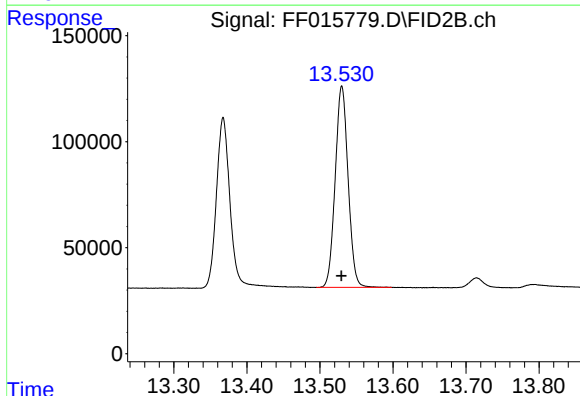
R.T.: 11.934 min
Delta R.T.: 0.002 min
Response: 1449552
Conc: 10.04 ug/ml

Instrument :
FID_F
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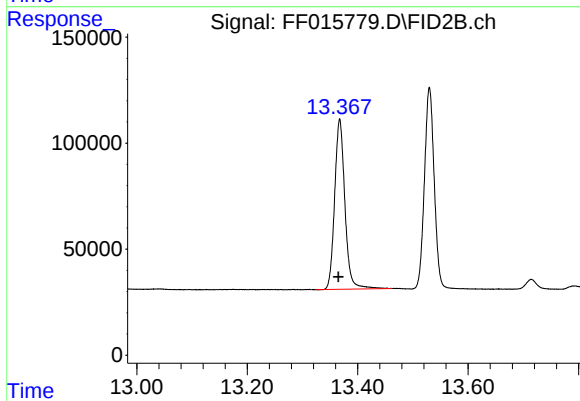
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 1159510
Conc: 10.06 ug/ml



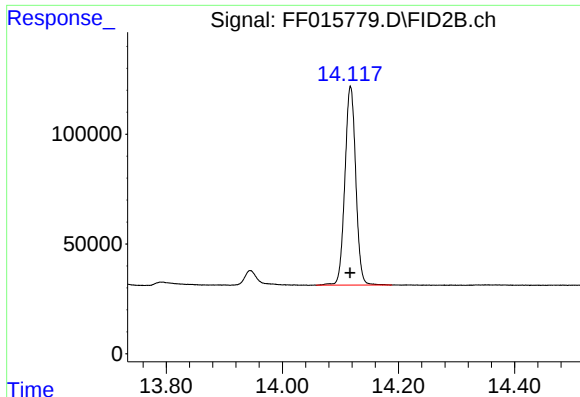
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: 0.000 min
Response: 1163952
Conc: 10.08 ug/ml



#12 1-chlorooctadecane (SURR)

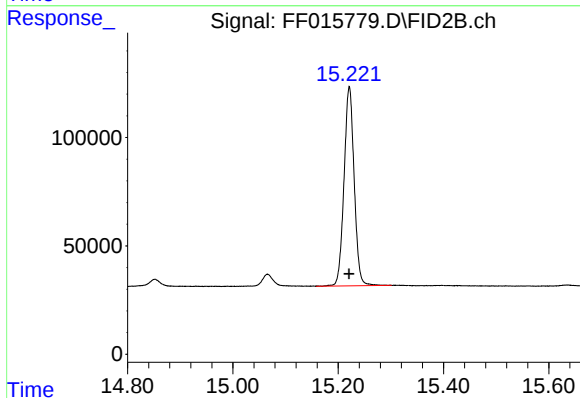
R.T.: 13.368 min
Delta R.T.: 0.002 min
Response: 1036352
Conc: 9.89 ug/ml



#13 n-Docosane (C22)

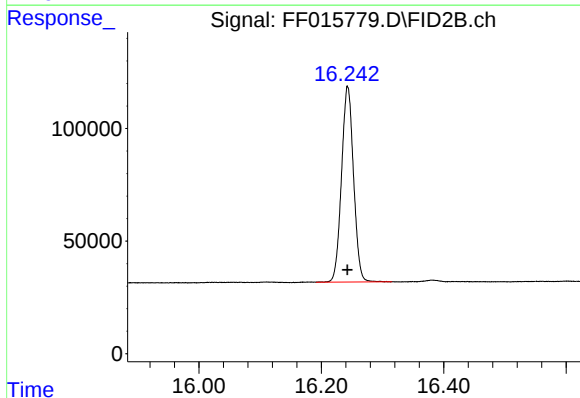
R.T.: 14.117 min
Delta R.T.: 0.000 min
Response: 1177214
Conc: 10.27 ug/ml

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10 PPM ALIPHATIC HC STD4



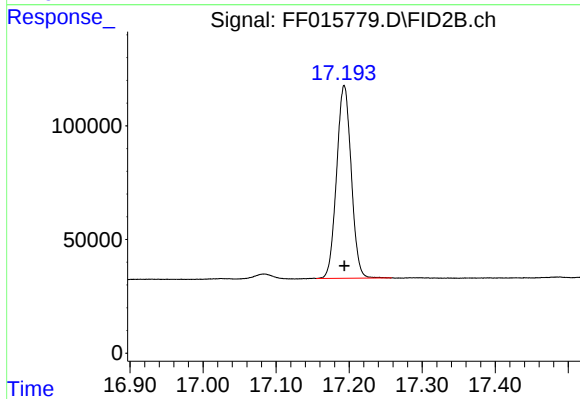
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 1228443
Conc: 10.64 ug/ml



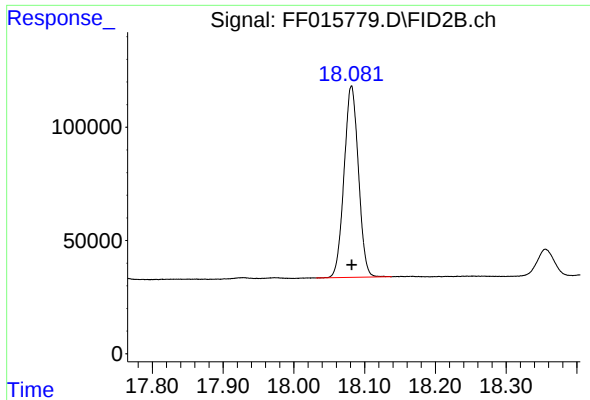
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.000 min
Response: 1184323
Conc: 10.61 ug/ml



#16 n-Octacosane (C28)

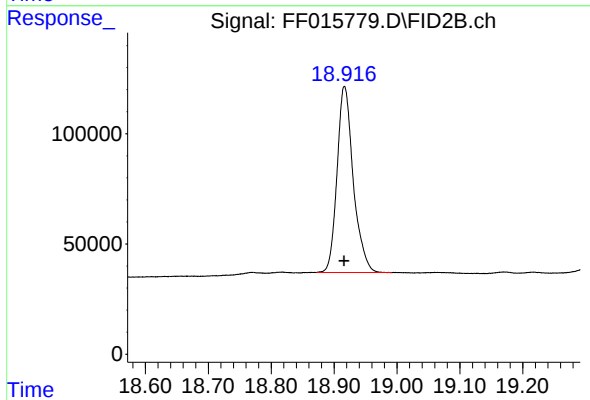
R.T.: 17.193 min
Delta R.T.: 0.000 min
Response: 1178147
Conc: 10.70 ug/ml



#17 n-Tricontane (C30)

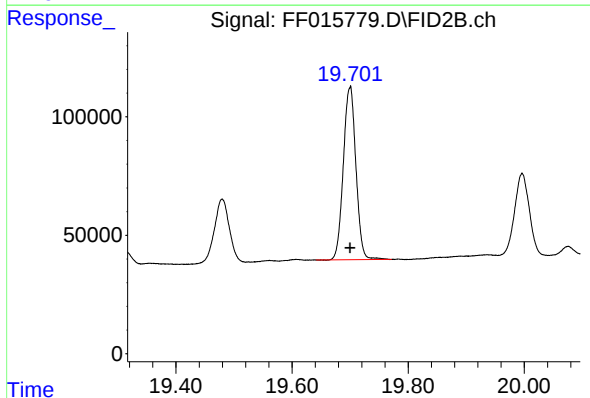
R.T.: 18.081 min
Delta R.T.: 0.000 min
Response: 1190603
Conc: 10.77 ug/ml

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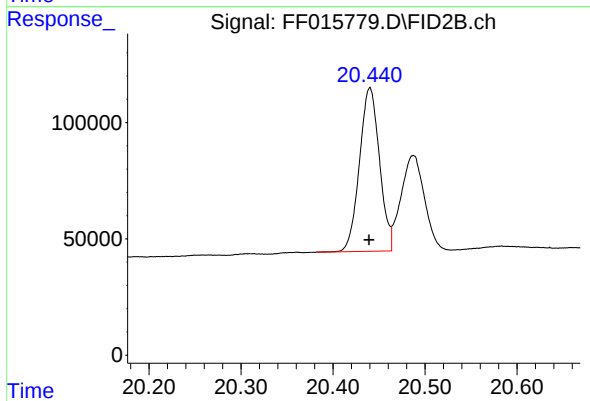
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.001 min
Response: 1512954
Conc: 13.53 ug/ml



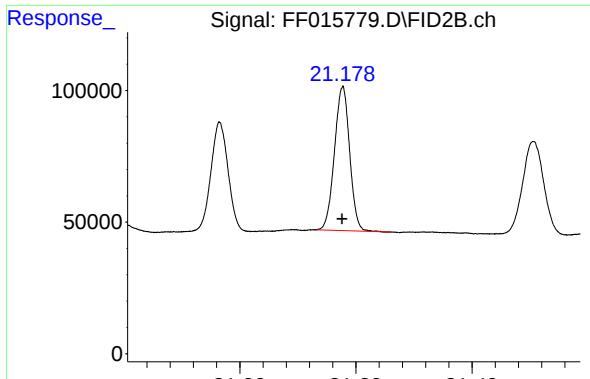
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 1098616
Conc: 10.44 ug/ml



#20 n-Hexatriacontane (C36)

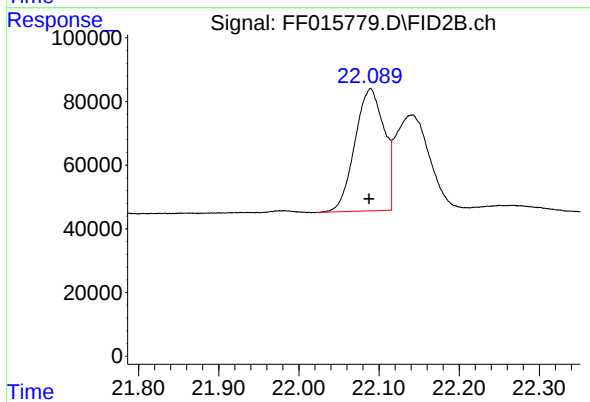
R.T.: 20.440 min
Delta R.T.: 0.000 min
Response: 1063295
Conc: 10.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.000 min
Response: 994241
Conc: 10.28 ug/ml

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FID_F
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: 0.002 min
Response: 973150
Conc: 10.18 ug/ml