

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041725AL\
 Data File : FE053390.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2025 17:36
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 16 17:59:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 17:59:32 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)	11.884	1893058	10.610 ug/ml
Spiked Amount 50.000		Recovery =	21.22%
12) S 1-chlorooctadecane (S...	13.330	1412249	10.547 ug/ml
Spiked Amount 50.000		Recovery =	21.09%
Target Compounds			
1) T n-Nonane (C9)	3.229	1427931	10.499 ug/ml
2) T n-Decane (C10)	4.490	1440599	10.484 ug/ml
3) T A~Naphthalene (C11.7)	6.204	1558579	10.314 ug/ml
4) T n-Dodecane (C12)	6.670	1457518	10.454 ug/ml
5) T A~2-methylnaphthalene...	7.306	1522133	10.158 ug/ml
6) T n-Tetradecane (C14)	8.507	1461405	10.489 ug/ml
7) T n-Hexadecane (C16)	10.121	1500903	10.551 ug/ml
8) T n-Octadecane (C18)	11.570	1528768	10.596 ug/ml
10) T n-Eicosane (C20)	12.884	1532713	10.659 ug/ml
11) T n-Heneicosane (C21)	13.498	1523248	10.644 ug/ml
13) T n-Docosane (C22)	14.086	1528369	10.714 ug/ml
14) T n-Tetracosane (C24)	15.193	1552378	10.913 ug/ml
15) T n-Hexacosane (C26)	16.217	1541972	10.996 ug/ml
16) T n-Octacosane (C28)	17.169	1526585	11.093 ug/ml
17) T n-Tricontane (C30)	18.058	1529997	11.142 ug/ml
18) T n-Dotriacontane (C32)	18.893	1499644	11.094 ug/ml
19) T n-Tetratriacontane (C34)	19.678	1400795	10.895 ug/ml
20) T n-Hexatriacontane (C36)	20.420	1333734	10.705 ug/ml
21) T n-Octatriacontane (C38)	21.157	1286878	10.680 ug/ml
22) T n-Tetracontane (C40)	22.070	1278773	10.775 ug/ml

(f)=RT Delta > 1/2 Window

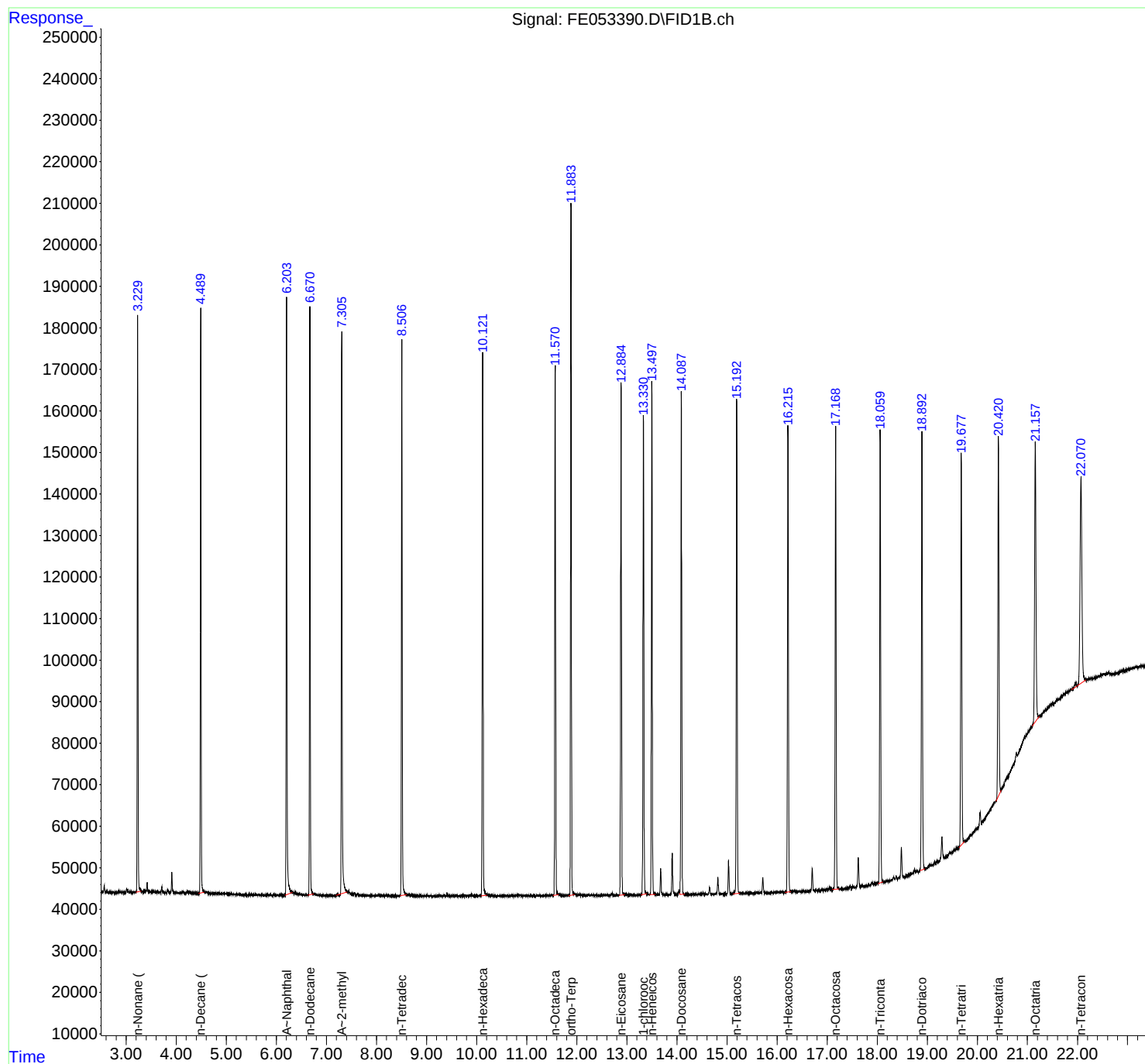
(m)=manual int.

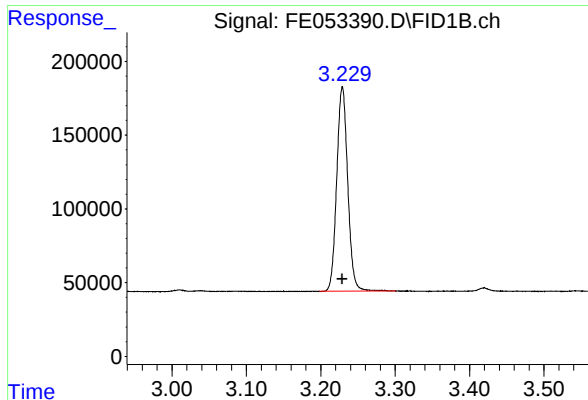
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041725AL\
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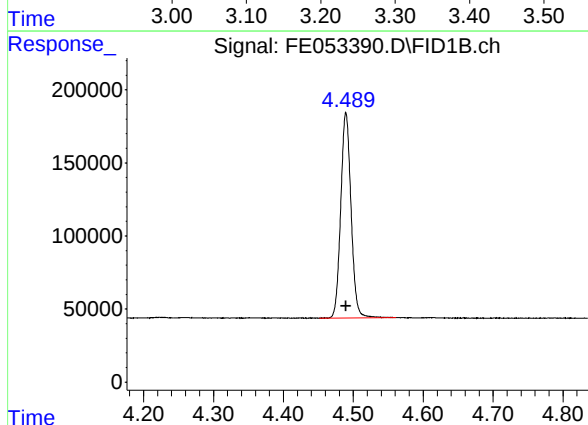




#1 n-Nonane (C9)

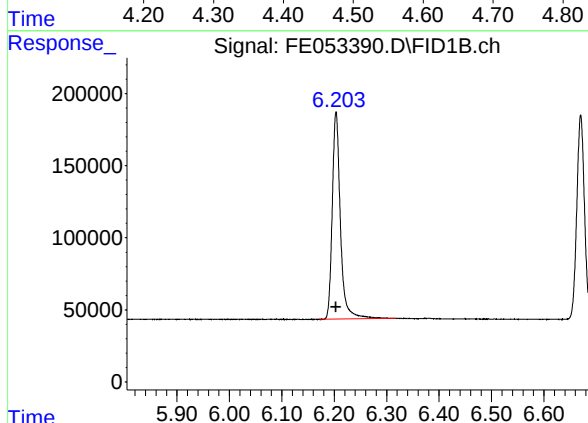
R.T.: 3.229 min
Delta R.T.: 0.000 min
Response: 1427931
Conc: 10.50 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



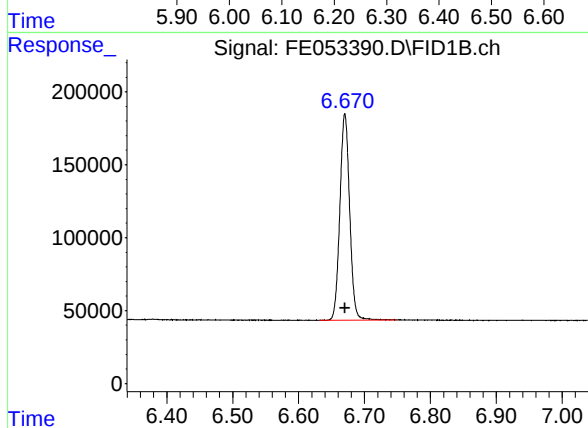
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 1440599
Conc: 10.48 ug/ml



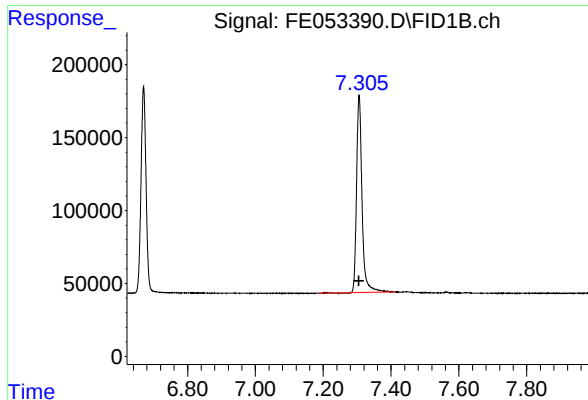
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 1558579
Conc: 10.31 ug/ml



#4 n-Dodecane (C12)

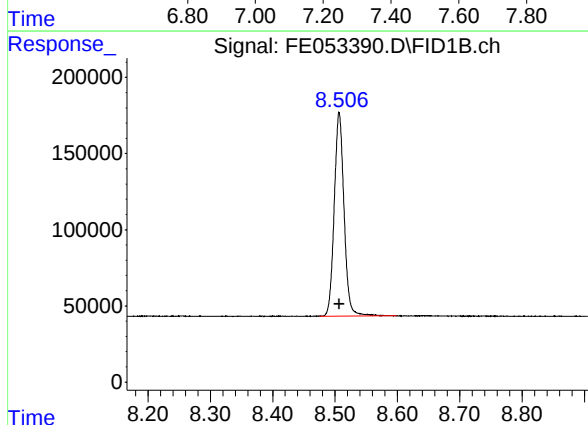
R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 1457518
Conc: 10.45 ug/ml



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

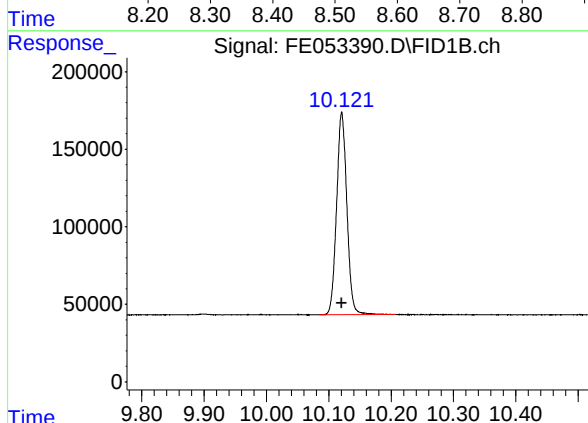
R.T.: 7.306 min
Delta R.T.: 0.000 min
Response: 1522133
Conc: 10.16 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



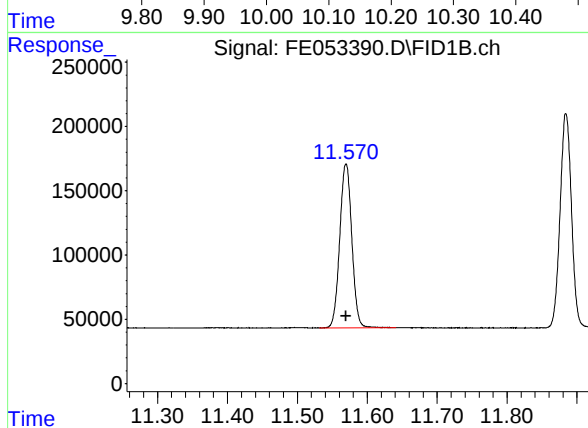
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 1461405
Conc: 10.49 ug/ml



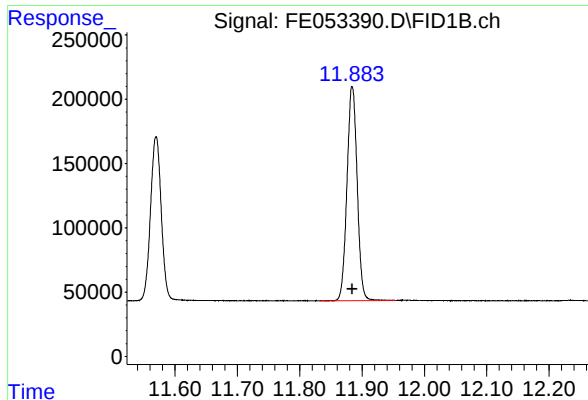
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: 0.000 min
Response: 1500903
Conc: 10.55 ug/ml



#8 n-Octadecane (C18)

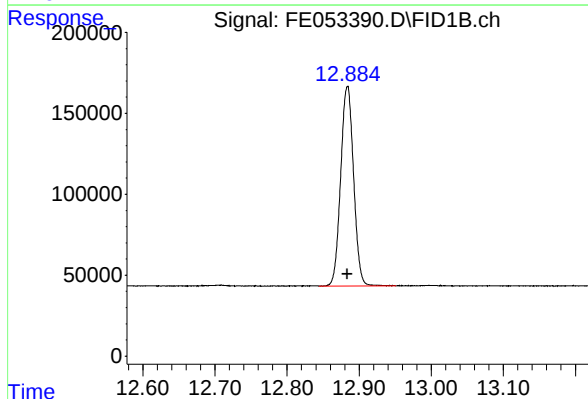
R.T.: 11.570 min
Delta R.T.: 0.000 min
Response: 1528768
Conc: 10.60 ug/ml



#9 ortho-Terphenyl (SURR)

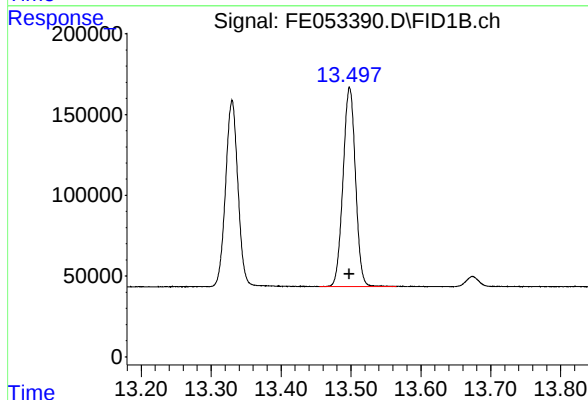
R.T.: 11.884 min
Delta R.T.: 0.000 min
Response: 1893058
Conc: 10.61 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



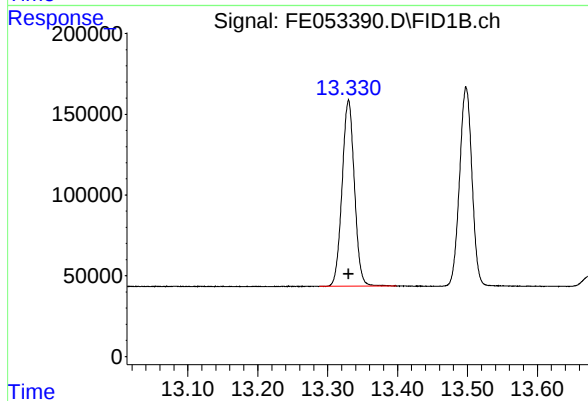
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: 0.000 min
Response: 1532713
Conc: 10.66 ug/ml



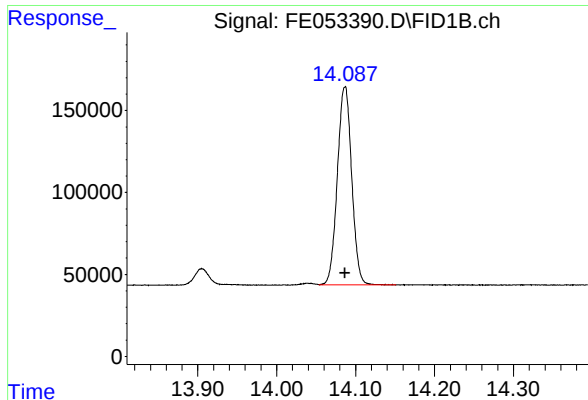
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: 0.000 min
Response: 1523248
Conc: 10.64 ug/ml



#12 1-chlorooctadecane (SURR)

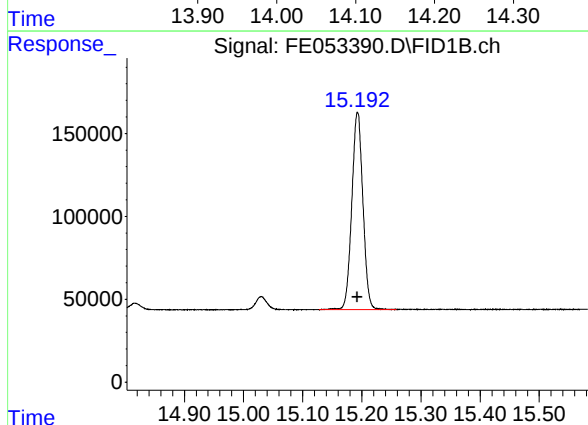
R.T.: 13.330 min
Delta R.T.: 0.000 min
Response: 1412249
Conc: 10.55 ug/ml



#13 n-Docosane (C22)

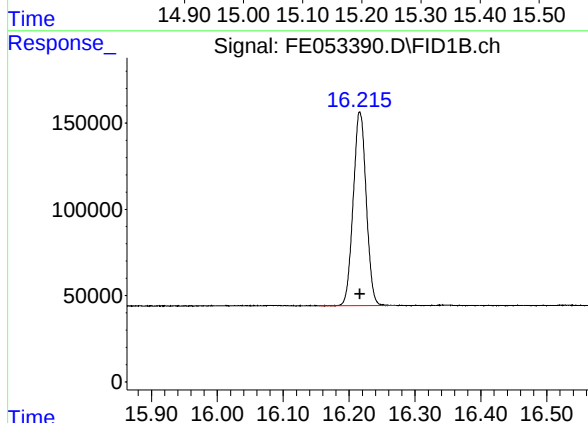
R.T.: 14.086 min
Delta R.T.: 0.000 min
Response: 1528369
Conc: 10.71 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



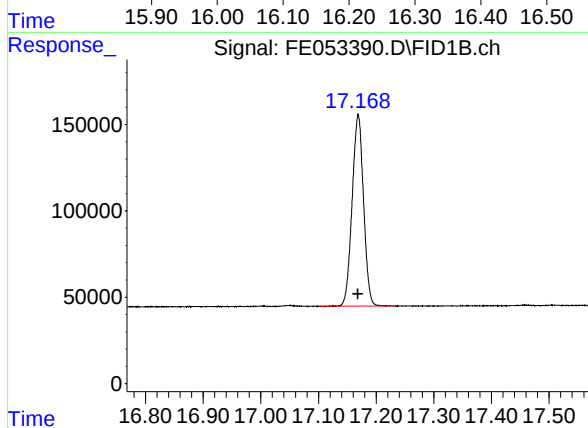
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: 0.000 min
Response: 1552378
Conc: 10.91 ug/ml



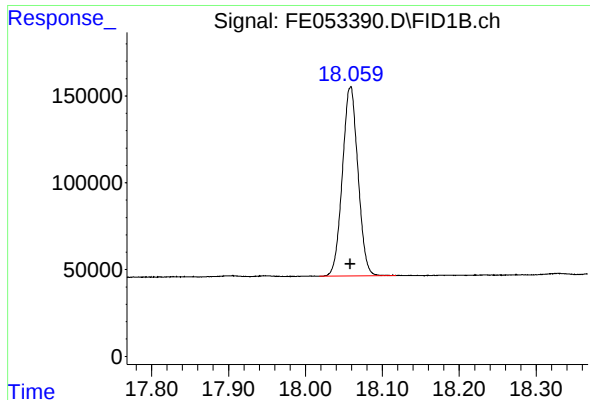
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: 0.000 min
Response: 1541972
Conc: 11.00 ug/ml



#16 n-Octacosane (C28)

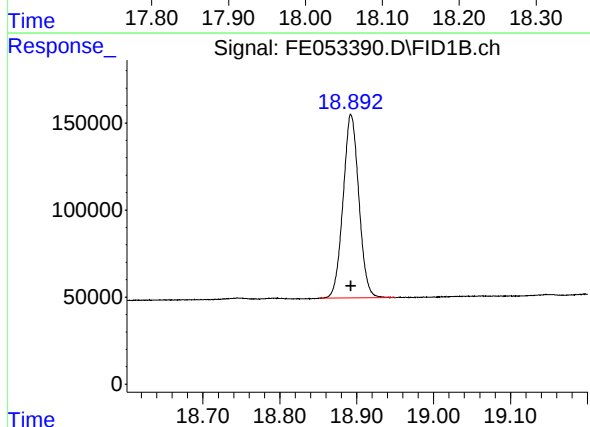
R.T.: 17.169 min
Delta R.T.: 0.000 min
Response: 1526585
Conc: 11.09 ug/ml



#17 n-Tricontane (C30)

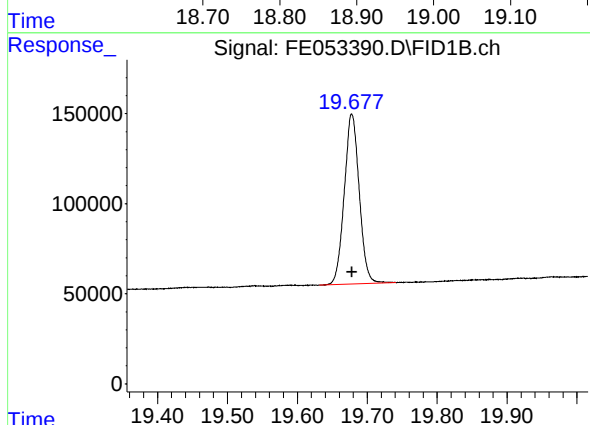
R.T.: 18.058 min
Delta R.T.: 0.000 min
Response: 1529997
Conc: 11.14 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



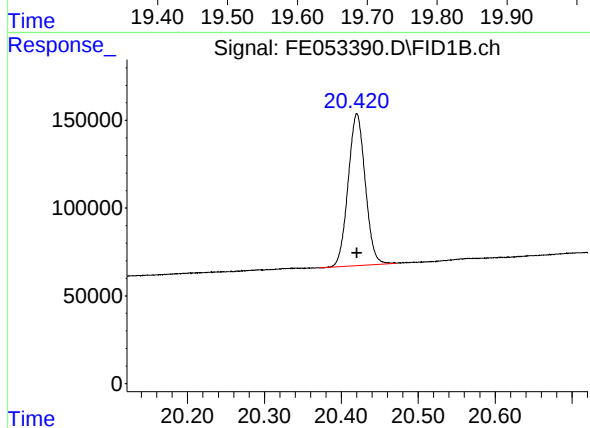
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: 0.000 min
Response: 1499644
Conc: 11.09 ug/ml



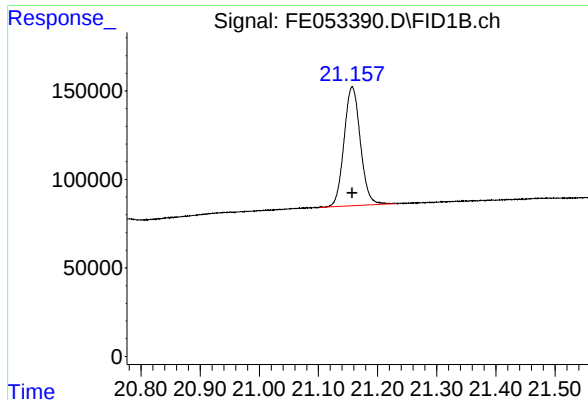
#19 n-Tetatriacontane (C34)

R.T.: 19.678 min
Delta R.T.: 0.000 min
Response: 1400795
Conc: 10.90 ug/ml



#20 n-Hexatriacontane (C36)

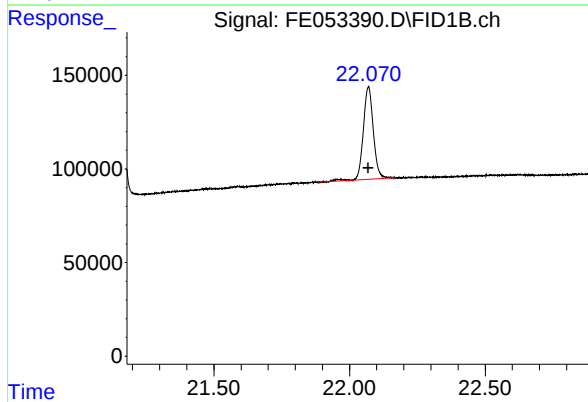
R.T.: 20.420 min
Delta R.T.: 0.000 min
Response: 1333734
Conc: 10.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.157 min
Delta R.T.: 0.000 min
Response: 1286878
Conc: 10.68 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: 0.000 min
Response: 1278773
Conc: 10.78 ug/ml