

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072924AL\
 Data File : FF014312.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jul 2024 19:23
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jul 30 05:45:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:45:05 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)	11.819	722941	5.105 ug/ml
Spiked Amount 50.000		Recovery =	10.21%
12) S 1-chlorooctadecane (S...	13.264	433702	4.646 ug/ml
Spiked Amount 50.000		Recovery =	9.29%
Target Compounds			
1) T n-Nonane (C9)	3.221	665156	5.125 ug/ml
2) T n-Decane (C10)	4.470	663683	5.051 ug/ml
3) T A~Naphthalene (C11.7)	6.167	594974	4.680 ug/ml
4) T n-Dodecane (C12)	6.635	669674	5.051 ug/ml
5) T A~2-methylnaphthalene...	7.263	498478	4.333 ug/ml
6) T n-Tetradecane (C14)	8.461	641376	4.974 ug/ml
7) T n-Hexadecane (C16)	10.067	621075	4.802 ug/ml
8) T n-Octadecane (C18)	11.510	646399	4.893 ug/ml
10) T n-Eicosane (C20)	12.820	626502	4.973 ug/ml
11) T n-Heneicosane (C21)	13.431	613614	4.987 ug/ml
13) T n-Docosane (C22)	14.018	592782	4.938 ug/ml
14) T n-Tetracosane (C24)	15.122	579896	4.945 ug/ml
15) T n-Hexacosane (C26)	16.143	568257	5.016 ug/ml
16) T n-Octacosane (C28)	17.095	567262	5.130 ug/ml
17) T n-Tricontane (C30)	17.982	596639	5.324 ug/ml
18) T n-Dotriacontane (C32)	18.816	622549	5.637 ug/ml
19) T n-Tetratriacontane (C34)	19.600	611104	5.905 ug/ml
20) T n-Hexatriacontane (C36)	20.339	552416	6.150 ug/ml
21) T n-Octatriacontane (C38)	21.064	437849	6.304 ug/ml
22) T n-Tetracontane (C40)	21.944	280804	6.357 ug/ml

(f)=RT Delta > 1/2 Window

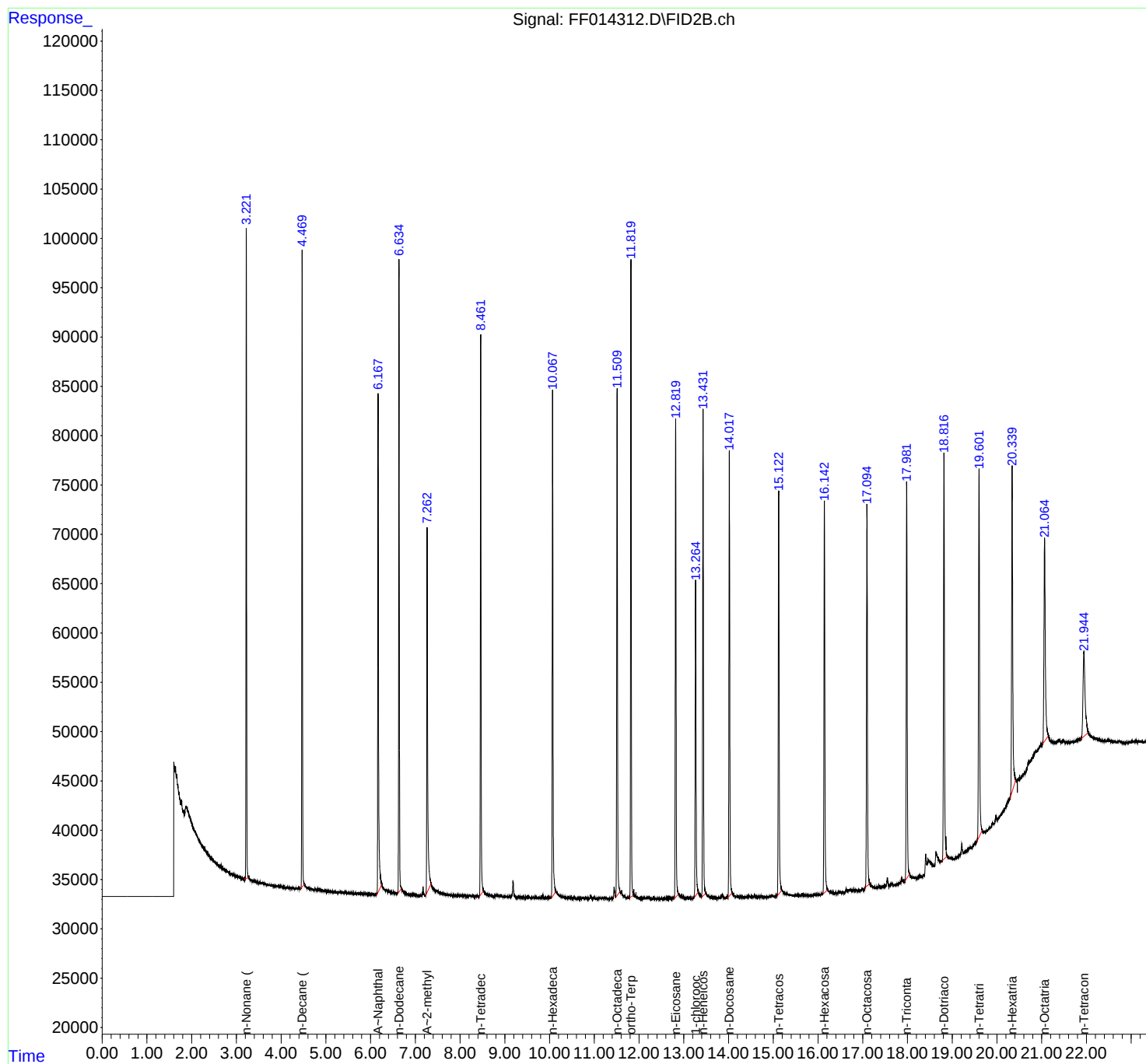
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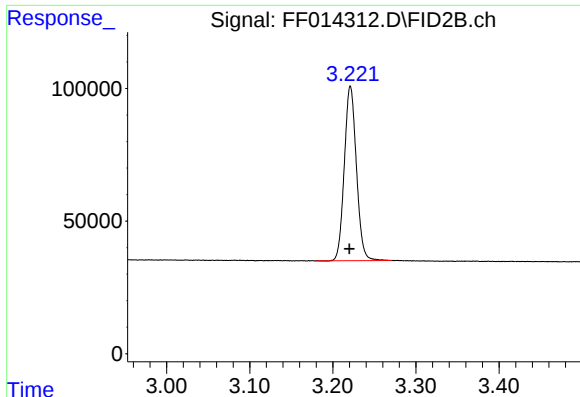
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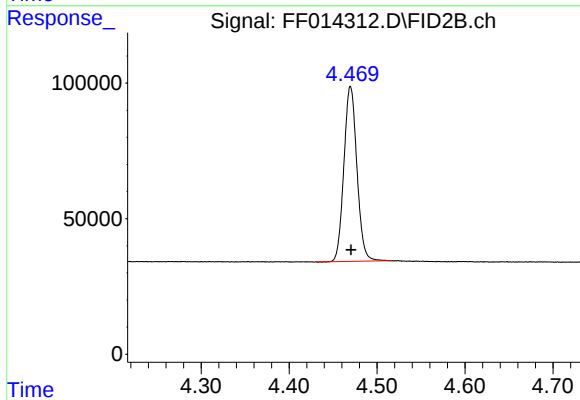




#1 n-Nonane (C9)

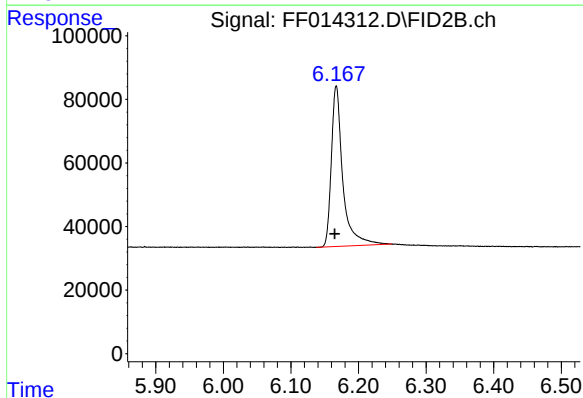
R.T.: 3.221 min
Delta R.T.: 0.001 min
Response: 665156
Conc: 5.13 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



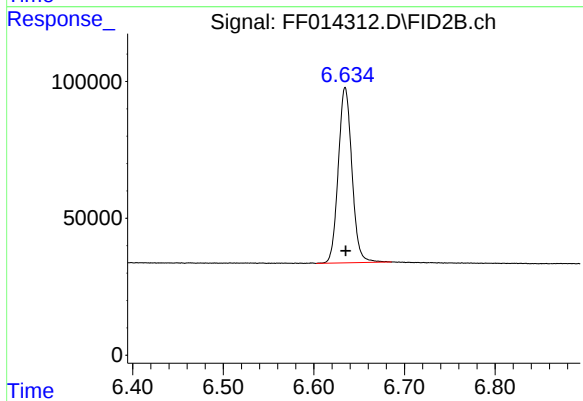
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 663683
Conc: 5.05 ug/ml



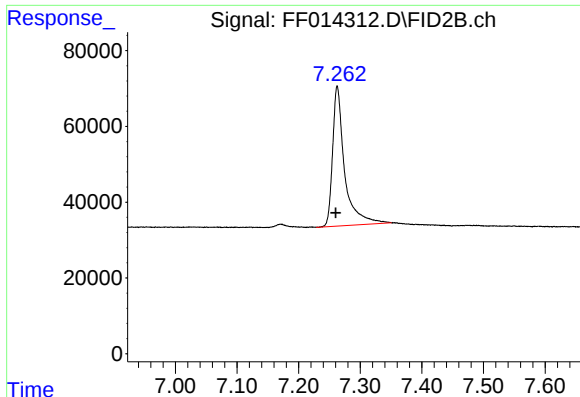
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: 0.002 min
Response: 594974
Conc: 4.68 ug/ml



#4 n-Dodecane (C12)

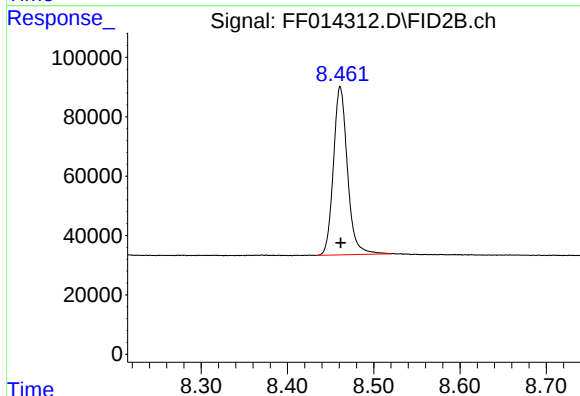
R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 669674
Conc: 5.05 ug/ml



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

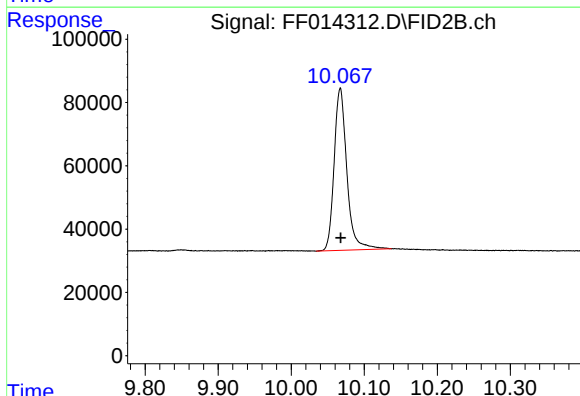
R.T.: 7.263 min
Delta R.T.: 0.003 min
Response: 498478
Conc: 4.33 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



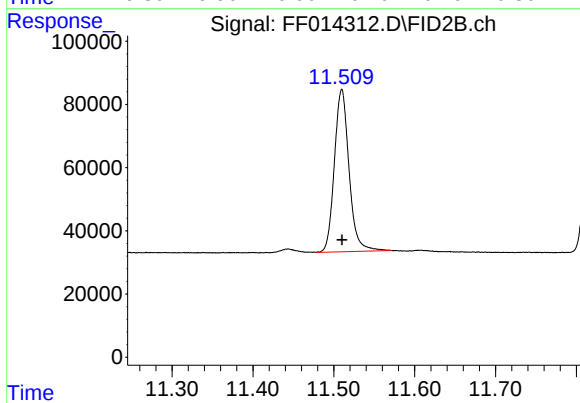
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 641376
Conc: 4.97 ug/ml



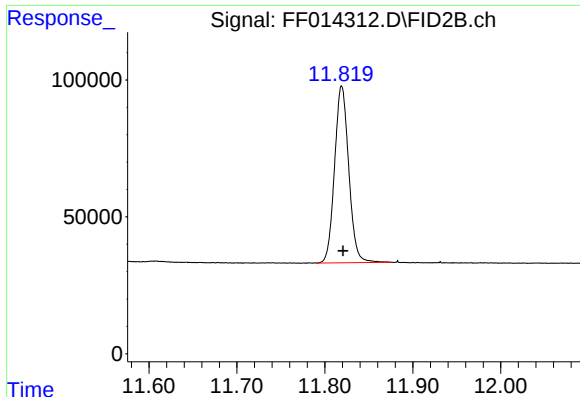
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: 0.000 min
Response: 621075
Conc: 4.80 ug/ml



#8 n-Octadecane (C18)

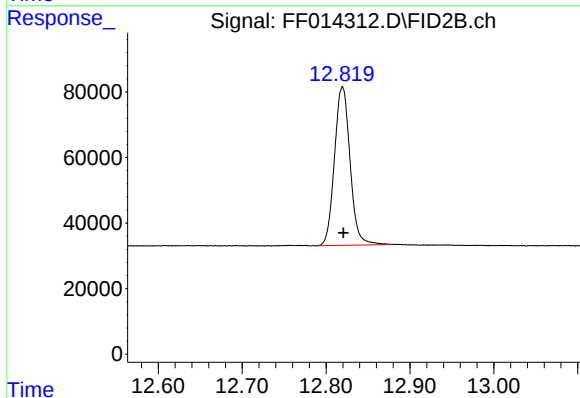
R.T.: 11.510 min
Delta R.T.: 0.000 min
Response: 646399
Conc: 4.89 ug/ml



#9 ortho-Terphenyl (SURR)

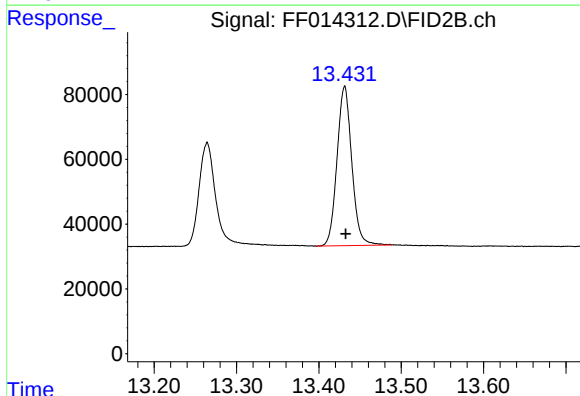
R.T.: 11.819 min
Delta R.T.: -0.002 min
Response: 722941
Conc: 5.10 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



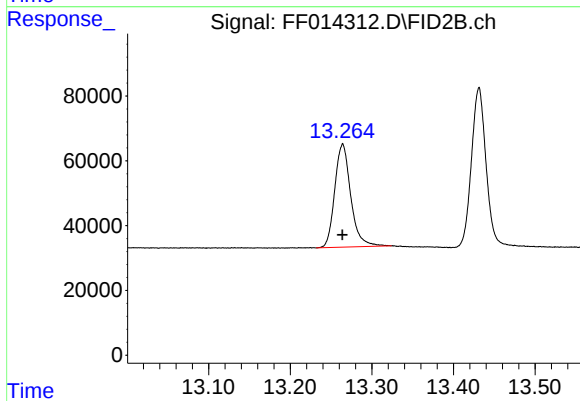
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: 0.000 min
Response: 626502
Conc: 4.97 ug/ml



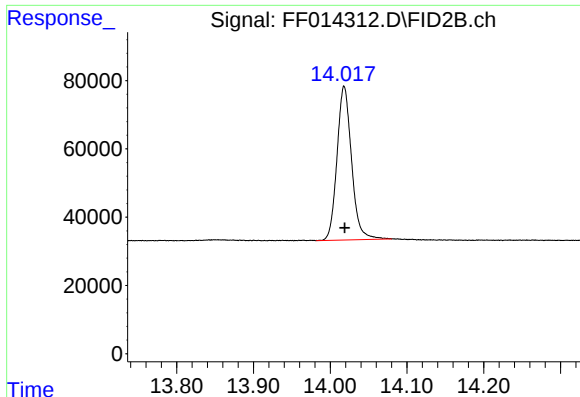
#11 n-Heneicosane (C21)

R.T.: 13.431 min
Delta R.T.: -0.001 min
Response: 613614
Conc: 4.99 ug/ml



#12 1-chlorooctadecane (SURR)

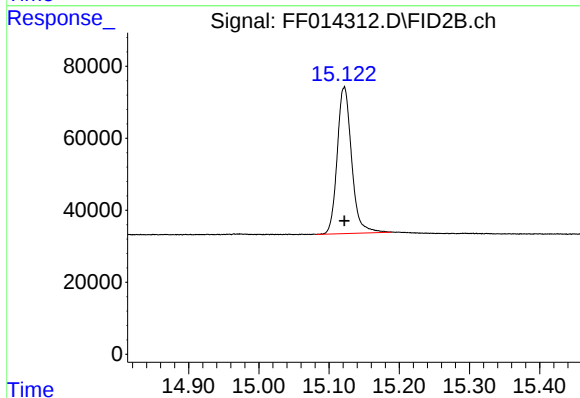
R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 433702
Conc: 4.65 ug/ml



#13 n-Docosane (C22)

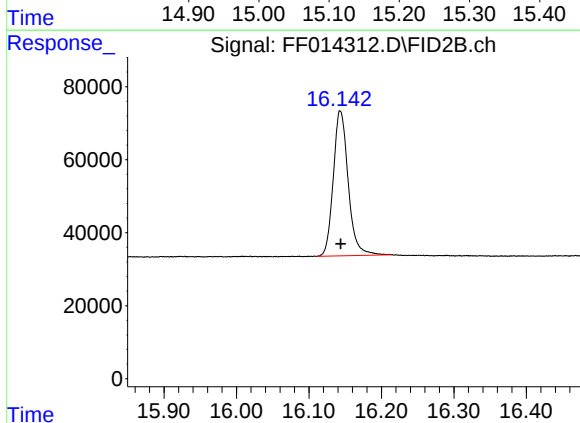
R.T.: 14.018 min
Delta R.T.: 0.000 min
Response: 592782
Conc: 4.94 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



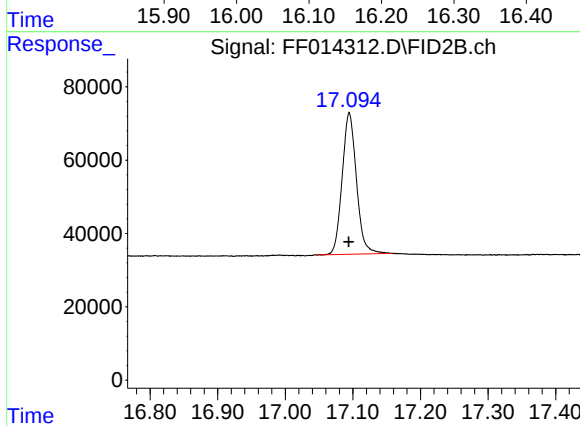
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: 0.000 min
Response: 579896
Conc: 4.95 ug/ml



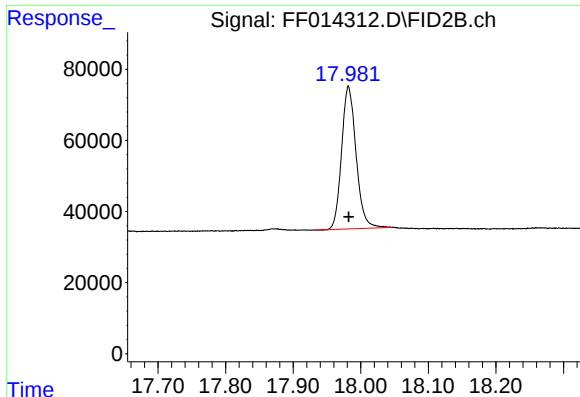
#15 n-Hexacosane (C26)

R.T.: 16.143 min
Delta R.T.: 0.000 min
Response: 568257
Conc: 5.02 ug/ml



#16 n-Octacosane (C28)

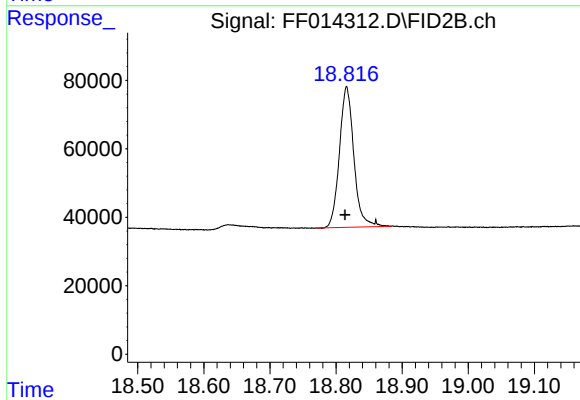
R.T.: 17.095 min
Delta R.T.: 0.000 min
Response: 567262
Conc: 5.13 ug/ml



#17 n-Tricontane (C30)

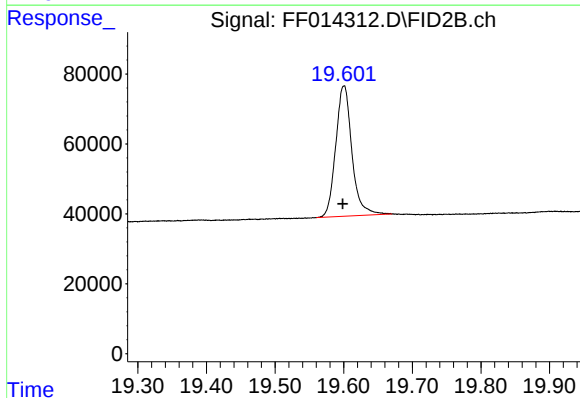
R.T.: 17.982 min
Delta R.T.: 0.000 min
Response: 596639
Conc: 5.32 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



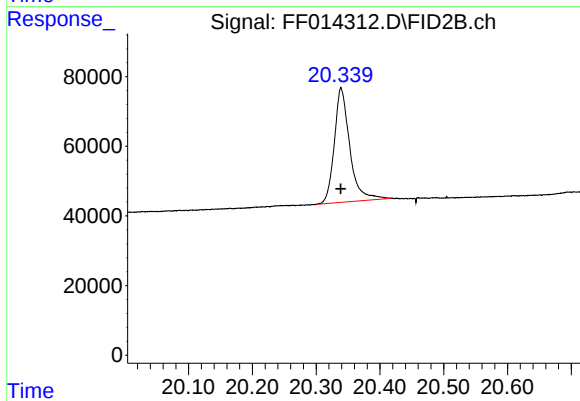
#18 n-Dotriacontane (C32)

R.T.: 18.816 min
Delta R.T.: 0.002 min
Response: 622549
Conc: 5.64 ug/ml



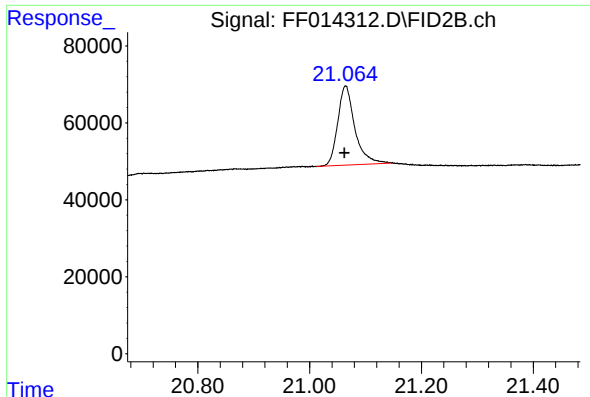
#19 n-Tetratriacontane (C34)

R.T.: 19.600 min
Delta R.T.: 0.002 min
Response: 611104
Conc: 5.90 ug/ml



#20 n-Hexatriacontane (C36)

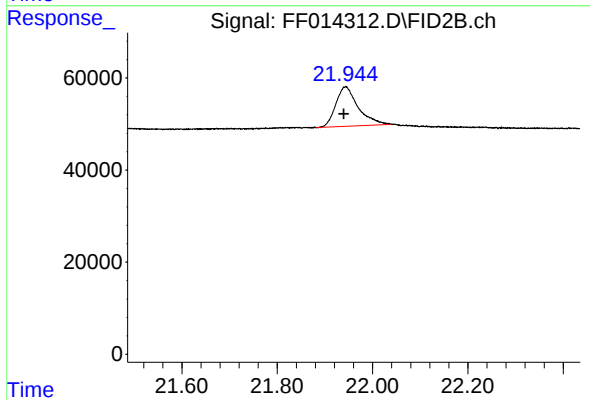
R.T.: 20.339 min
Delta R.T.: 0.000 min
Response: 552416
Conc: 6.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.064 min
Delta R.T.: 0.002 min
Response: 437849
Conc: 6.30 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: 0.005 min
Response: 280804
Conc: 6.36 ug/ml