

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010225AL\
 Data File : FE051833.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jan 2025 20:24
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 03 03:50:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 01:16:25 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)	12.112	755384	5.211 ug/ml
Spiked Amount 50.000		Recovery =	10.42%
12) S 1-chlorooctadecane (S...	13.543	599027	5.213 ug/ml
Spiked Amount 50.000		Recovery =	10.43%
Target Compounds			
1) T n-Nonane (C9)	3.521	574391	5.200 ug/ml
2) T n-Decane (C10)	4.763	591611	5.199 ug/ml
3) T A~Naphthalene (C11.7)	6.467	662002	5.191 ug/ml
4) T n-Dodecane (C12)	6.916	608920	5.185 ug/ml
5) T A~2-methylnaphthalene...	7.557	638784	5.104 ug/ml
6) T n-Tetradecane (C14)	8.739	621181	5.181 ug/ml
7) T n-Hexadecane (C16)	10.345	664105	5.189 ug/ml
8) T n-Octadecane (C18)	11.787	693118	5.209 ug/ml
10) T n-Eicosane (C20)	13.097	688976	5.236 ug/ml
11) T n-Heneicosane (C21)	13.709	690014	5.250 ug/ml
13) T n-Docosane (C22)	14.295	685040	5.222 ug/ml
14) T n-Tetracosane (C24)	15.398	694128	5.240 ug/ml
15) T n-Hexacosane (C26)	16.419	687936	5.243 ug/ml
16) T n-Octacosane (C28)	17.369	681228	5.276 ug/ml
17) T n-Tricontane (C30)	18.256	712427	5.419 ug/ml
18) T n-Dotriacontane (C32)	19.087	697887	5.499 ug/ml
19) T n-Tetratriacontane (C34)	19.871	614010	5.526 ug/ml
20) T n-Hexatriacontane (C36)	20.610	507334	5.142 ug/ml
21) T n-Octatriacontane (C38)	21.392	508608	5.406 ug/ml
22) T n-Tetracontane (C40)	22.382	524376	5.696 ug/ml

(f)=RT Delta > 1/2 Window

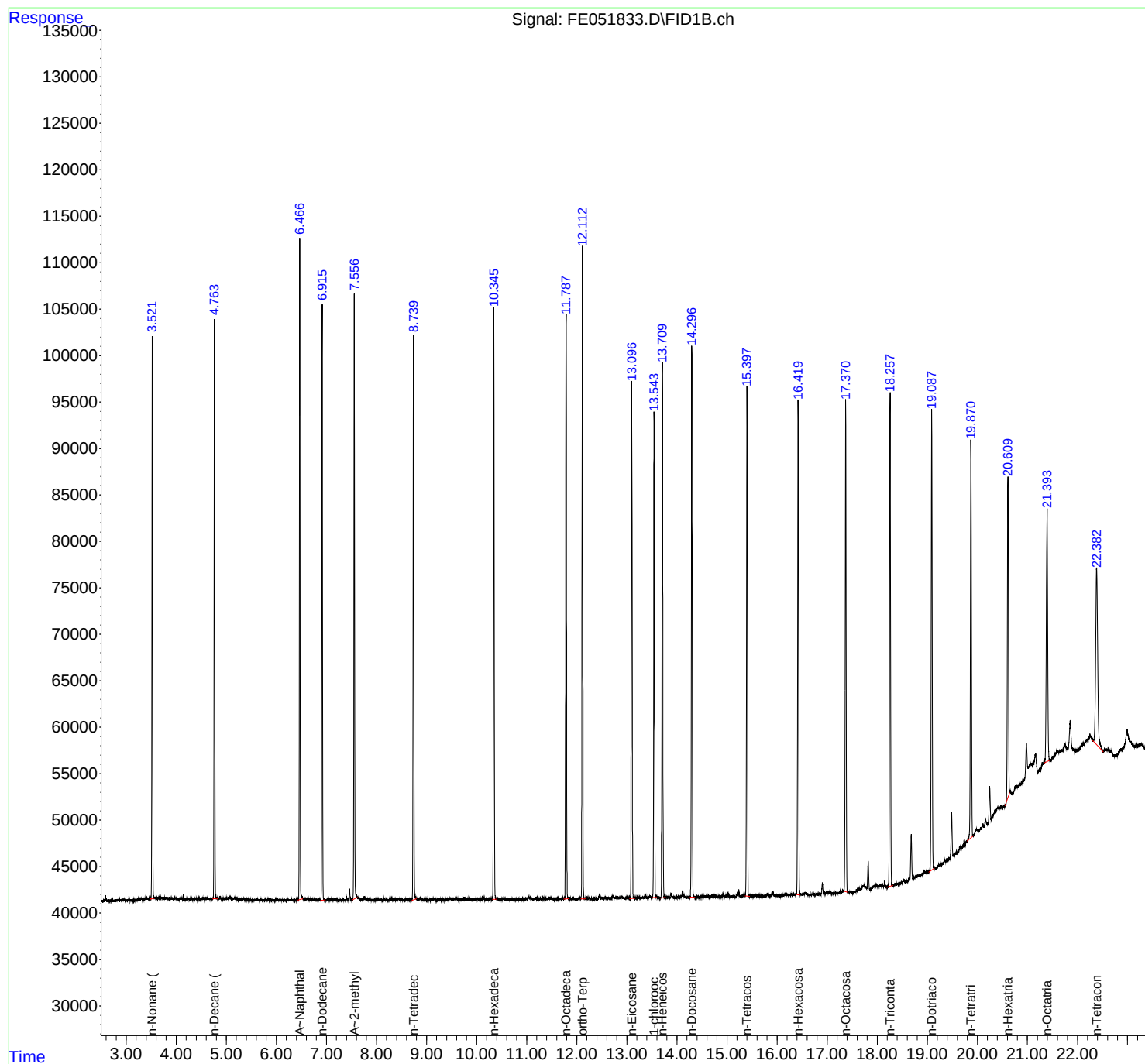
(m)=manual int.

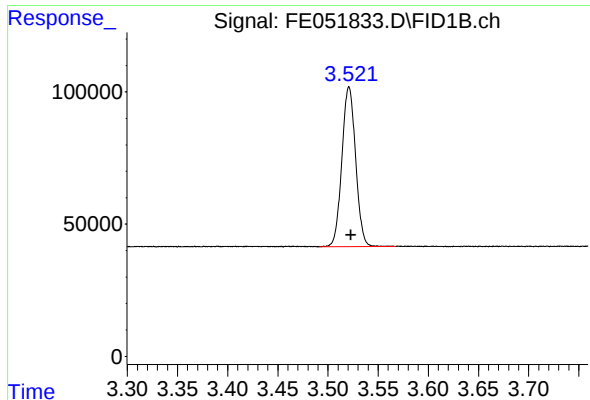
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010225AL\
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Operator : YP\AJ
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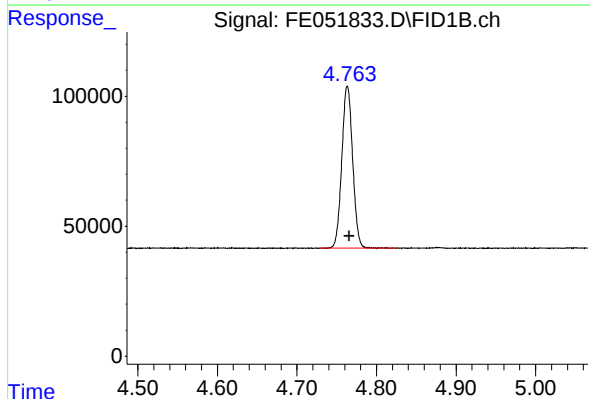




#1 n-Nonane (C9)

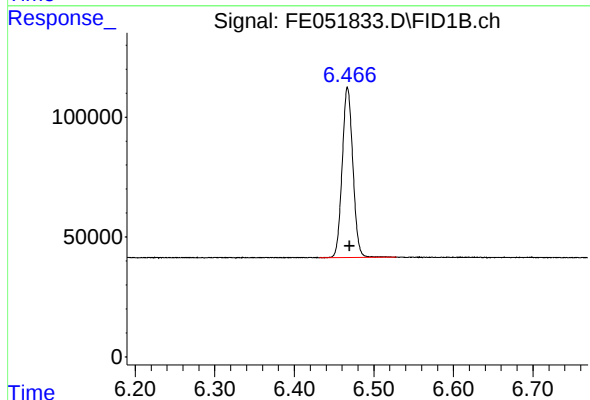
R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 574391
Conc: 5.20 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



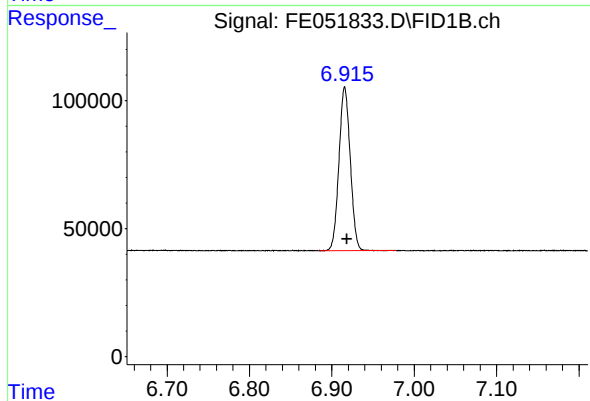
#2 n-Decane (C10)

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 591611
Conc: 5.20 ug/ml



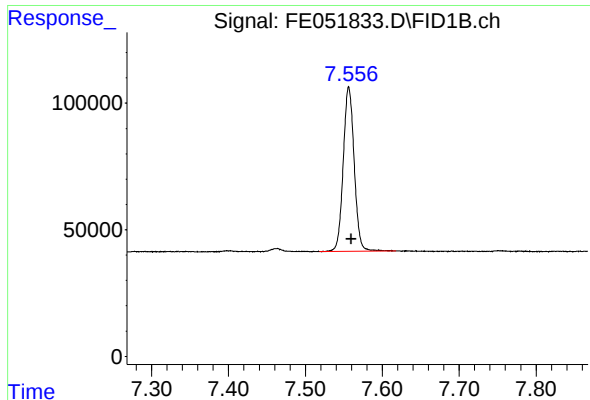
#3 A~Naphthalene (C11.7)

R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 662002
Conc: 5.19 ug/ml



#4 n-Dodecane (C12)

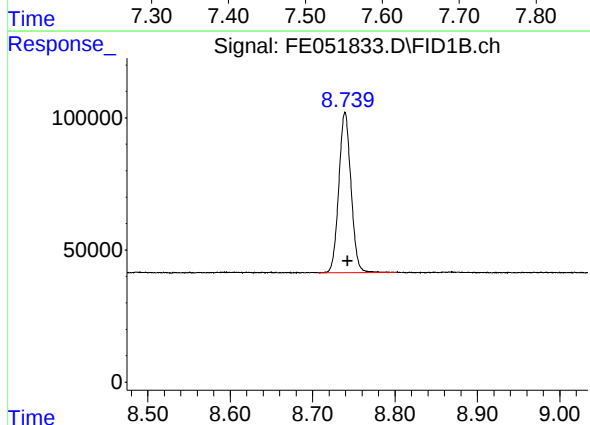
R.T.: 6.916 min
Delta R.T.: -0.003 min
Response: 608920
Conc: 5.19 ug/ml



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

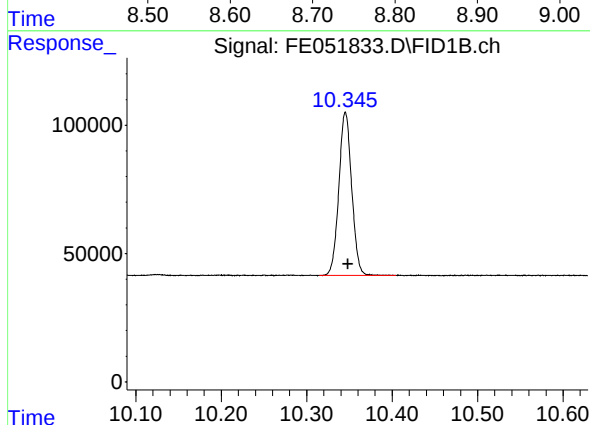
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 638784
Conc: 5.10 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



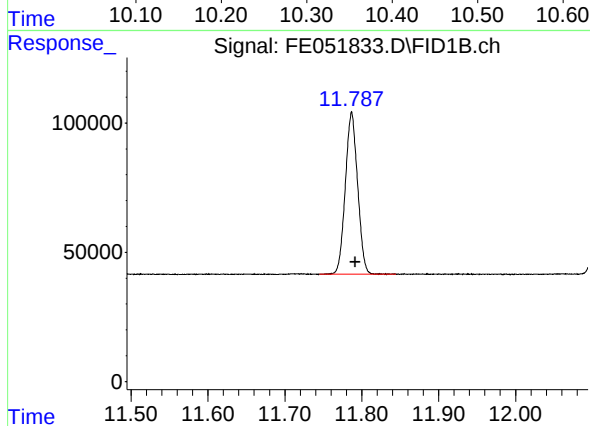
#6 n-Tetradecane (C14)

R.T.: 8.739 min
Delta R.T.: -0.003 min
Response: 621181
Conc: 5.18 ug/ml



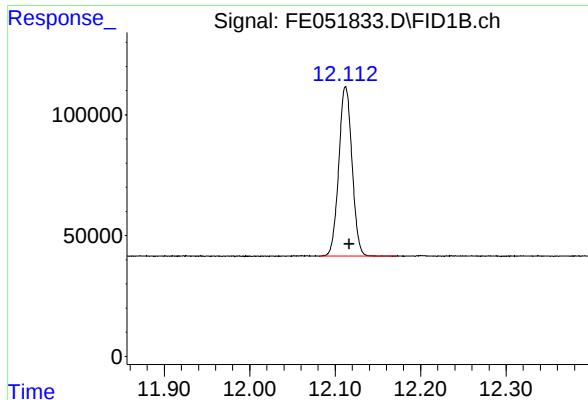
#7 n-Hexadecane (C16)

R.T.: 10.345 min
Delta R.T.: -0.003 min
Response: 664105
Conc: 5.19 ug/ml



#8 n-Octadecane (C18)

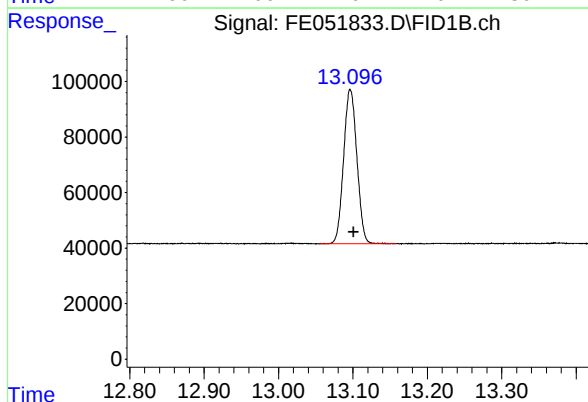
R.T.: 11.787 min
Delta R.T.: -0.005 min
Response: 693118
Conc: 5.21 ug/ml



#9 ortho-Terphenyl (SURR)

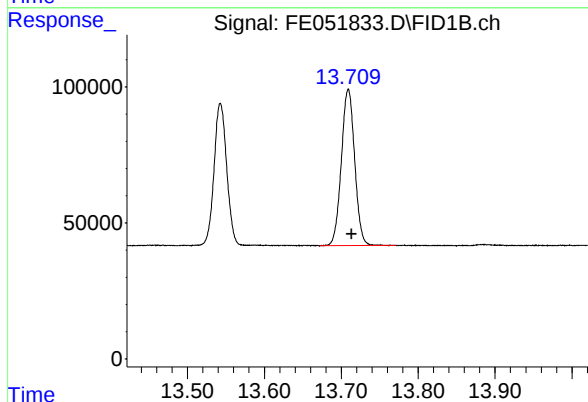
R.T.: 12.112 min
Delta R.T.: -0.005 min
Response: 755384
Conc: 5.21 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



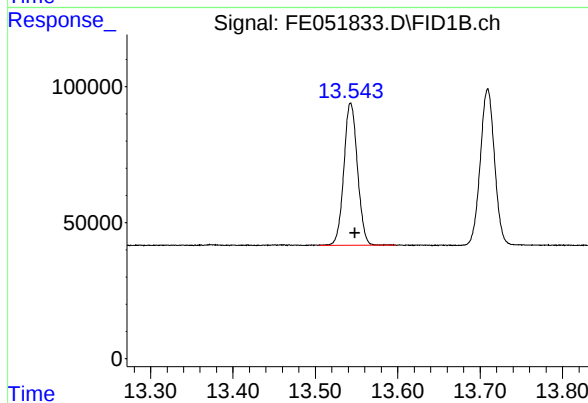
#10 n-Eicosane (C20)

R.T.: 13.097 min
Delta R.T.: -0.004 min
Response: 688976
Conc: 5.24 ug/ml



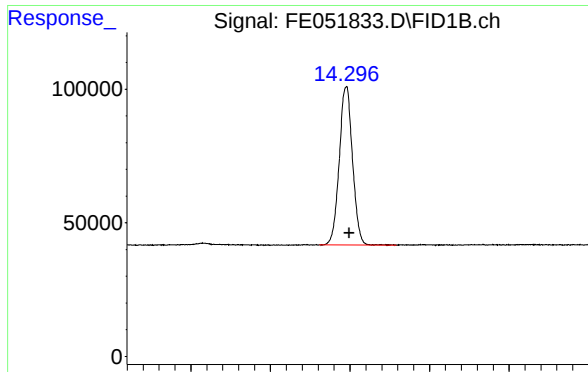
#11 n-Heneicosane (C21)

R.T.: 13.709 min
Delta R.T.: -0.004 min
Response: 690014
Conc: 5.25 ug/ml



#12 1-chlorooctadecane (SURR)

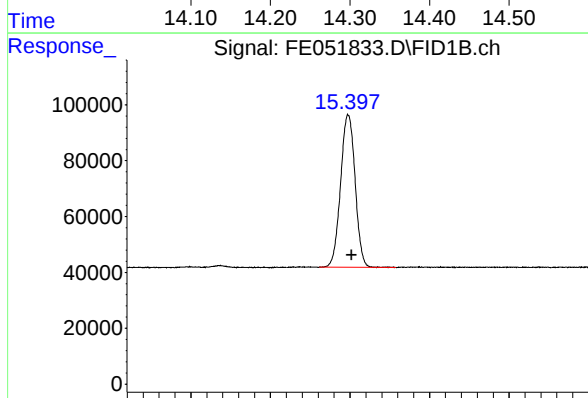
R.T.: 13.543 min
Delta R.T.: -0.005 min
Response: 599027
Conc: 5.21 ug/ml



#13 n-Docosane (C22)

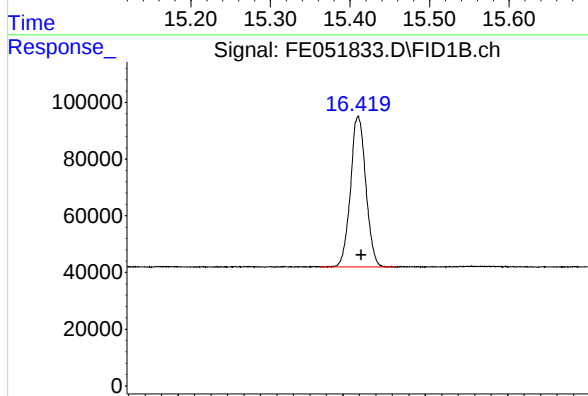
R.T.: 14.295 min
Delta R.T.: -0.004 min
Response: 685040
Conc: 5.22 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



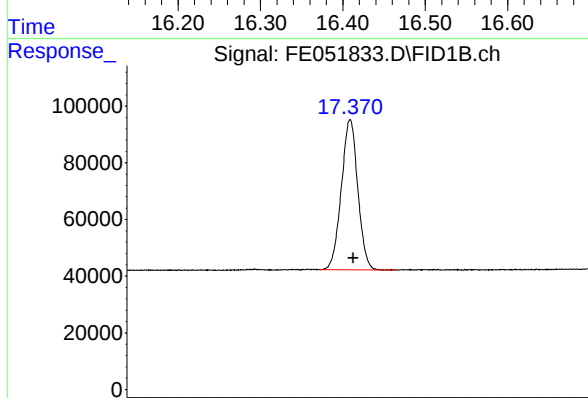
#14 n-Tetracosane (C24)

R.T.: 15.398 min
Delta R.T.: -0.005 min
Response: 694128
Conc: 5.24 ug/ml



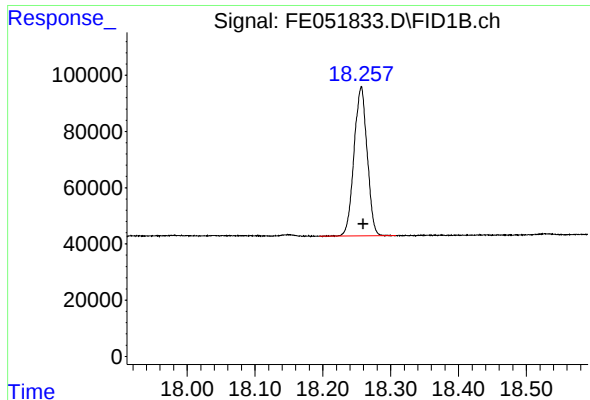
#15 n-Hexacosane (C26)

R.T.: 16.419 min
Delta R.T.: -0.004 min
Response: 687936
Conc: 5.24 ug/ml



#16 n-Octacosane (C28)

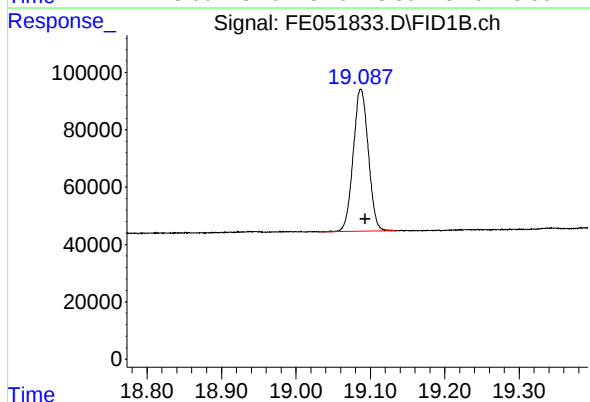
R.T.: 17.369 min
Delta R.T.: -0.004 min
Response: 681228
Conc: 5.28 ug/ml



#17 n-Tricontane (C30)

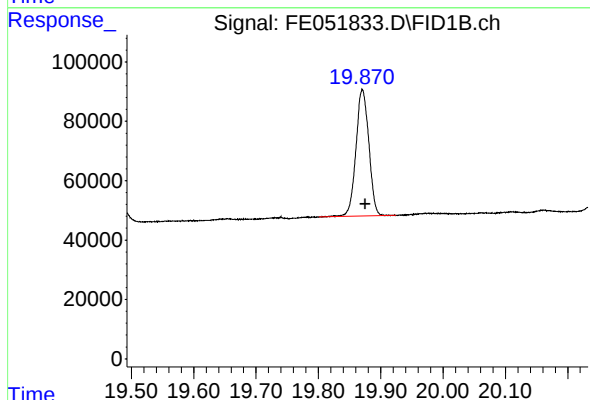
R.T.: 18.256 min
Delta R.T.: -0.003 min
Response: 712427
Conc: 5.42 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



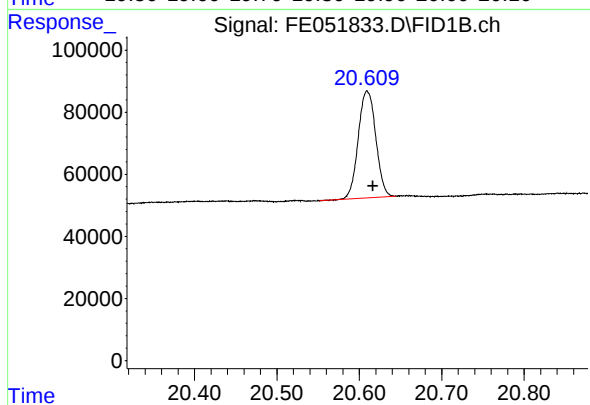
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: -0.005 min
Response: 697887
Conc: 5.50 ug/ml



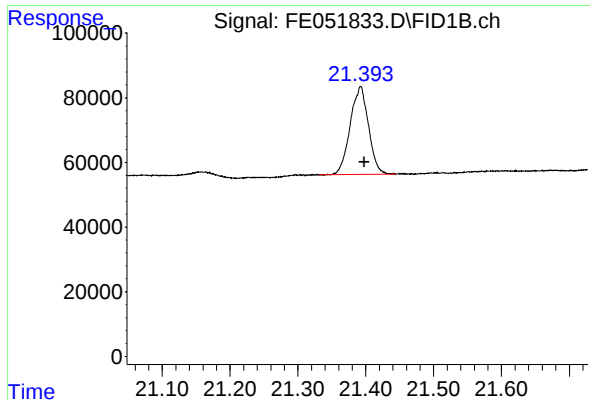
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: -0.004 min
Response: 614010
Conc: 5.53 ug/ml



#20 n-Hexatriacontane (C36)

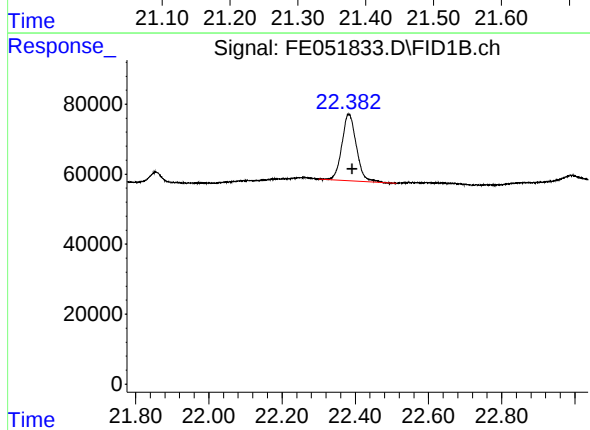
R.T.: 20.610 min
Delta R.T.: -0.007 min
Response: 507334
Conc: 5.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: -0.006 min
Response: 508608
Conc: 5.41 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: -0.010 min
Response: 524376
Conc: 5.70 ug/ml