

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
 Data File : FE053061.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2025 01:39
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 31 02:34:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:32:07 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)	11.893	844490	5.147 ug/ml
Spiked Amount 50.000		Recovery =	10.29%
12) S 1-chlorooctadecane (S...	13.338	616281	5.092 ug/ml
Spiked Amount 50.000		Recovery =	10.18%
Target Compounds			
1) T n-Nonane (C9)	3.241	794168	5.104 ug/ml
2) T n-Decane (C10)	4.502	801078	5.077 ug/ml
3) T A~Naphthalene (C11.7)	6.214	844127	4.974 ug/ml
4) T n-Dodecane (C12)	6.681	799896	5.084 ug/ml
5) T A~2-methylnaphthalene...	7.316	794430	4.909 ug/ml
6) T n-Tetradecane (C14)	8.516	791912	5.143 ug/ml
7) T n-Hexadecane (C16)	10.130	796849	5.123 ug/ml
8) T n-Octadecane (C18)	11.578	786402	5.135 ug/ml
10) T n-Eicosane (C20)	12.892	743598	5.167 ug/ml
11) T n-Heneicosane (C21)	13.506	721765	5.163 ug/ml
13) T n-Docosane (C22)	14.094	712566	5.168 ug/ml
14) T n-Tetracosane (C24)	15.200	699097	5.154 ug/ml
15) T n-Hexacosane (C26)	16.224	694483	5.178 ug/ml
16) T n-Octacosane (C28)	17.175	690349	5.221 ug/ml
17) T n-Tricontane (C30)	18.064	715799	5.282 ug/ml
18) T n-Dotriacontane (C32)	18.898	714056	5.319 ug/ml
19) T n-Tetratriacontane (C34)	19.684	684498	5.301 ug/ml
20) T n-Hexatriacontane (C36)	20.425	622561	5.279 ug/ml
21) T n-Octatriacontane (C38)	21.164	600593	5.218 ug/ml
22) T n-Tetracontane (C40)	22.078	581004	5.113 ug/ml

(f)=RT Delta > 1/2 Window

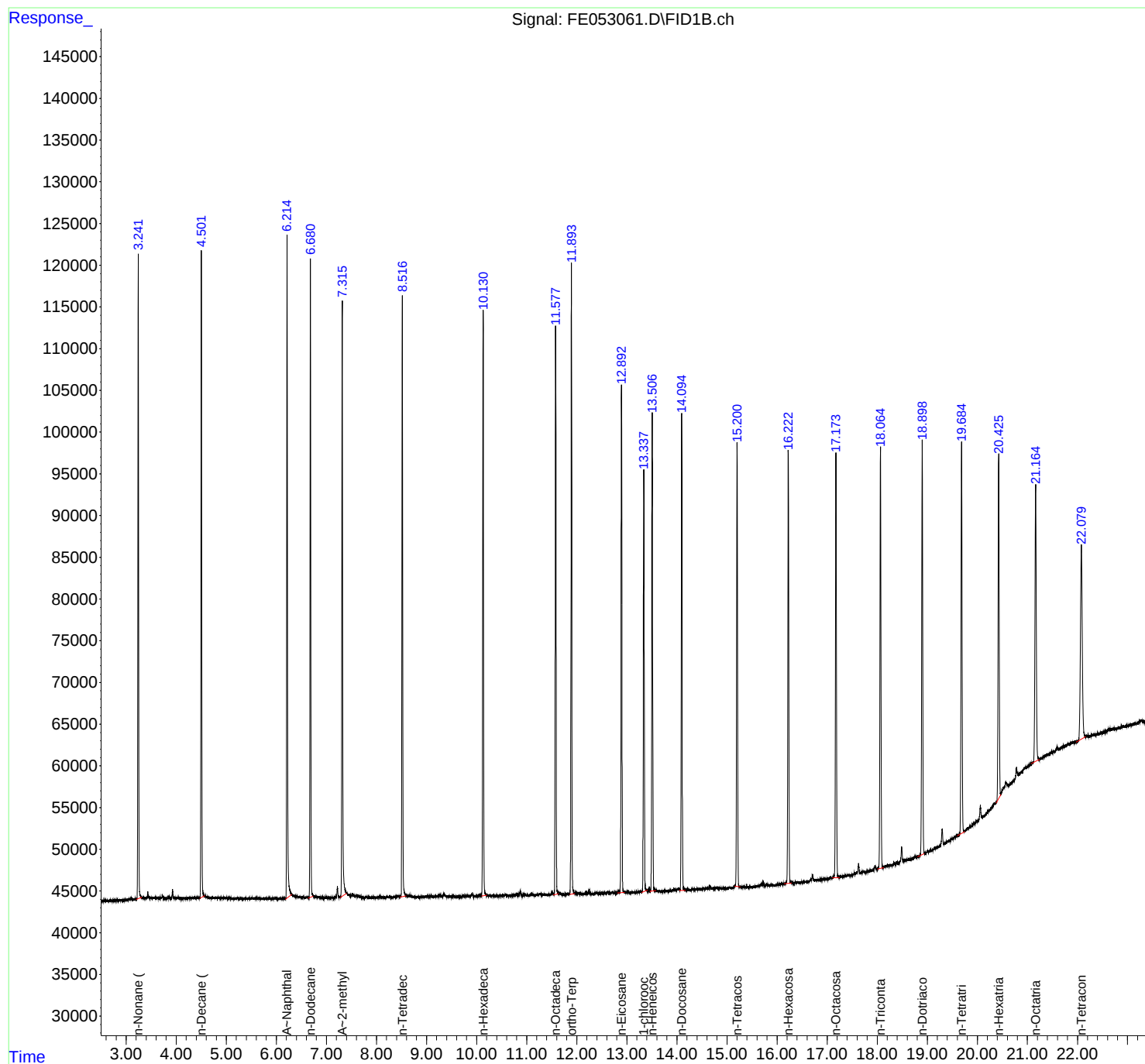
(m)=manual int.

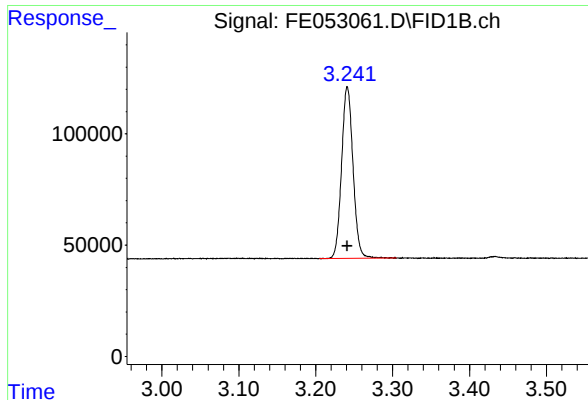
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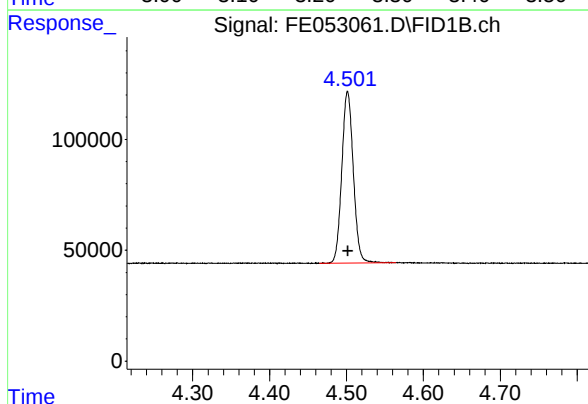




#1 n-Nonane (C9)

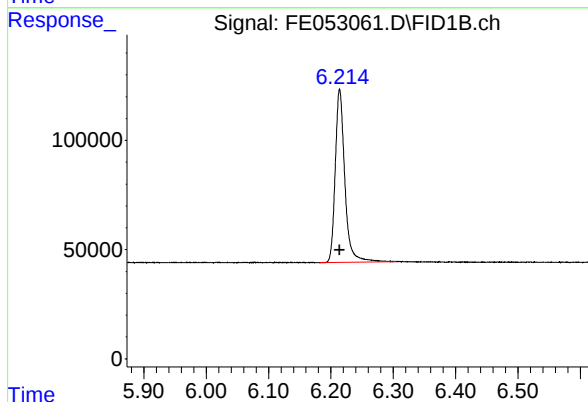
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 794168
Conc: 5.10 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



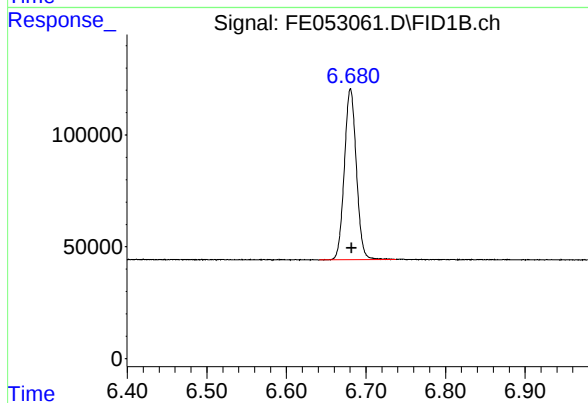
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 801078
Conc: 5.08 ug/ml



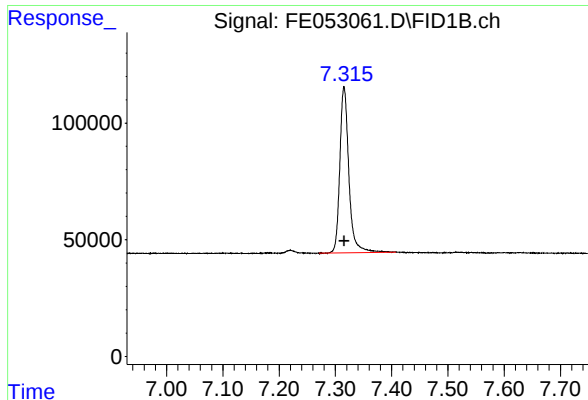
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 844127
Conc: 4.97 ug/ml



#4 n-Dodecane (C12)

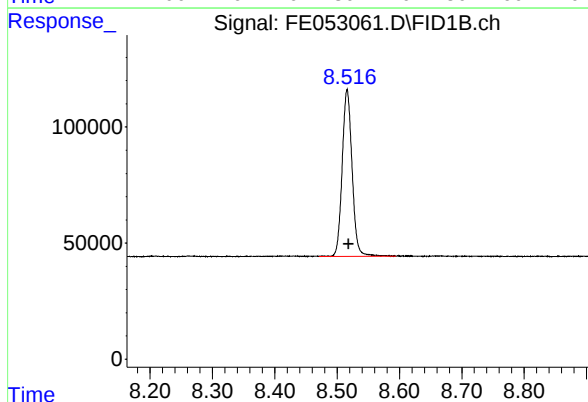
R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 799896
Conc: 5.08 ug/ml



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

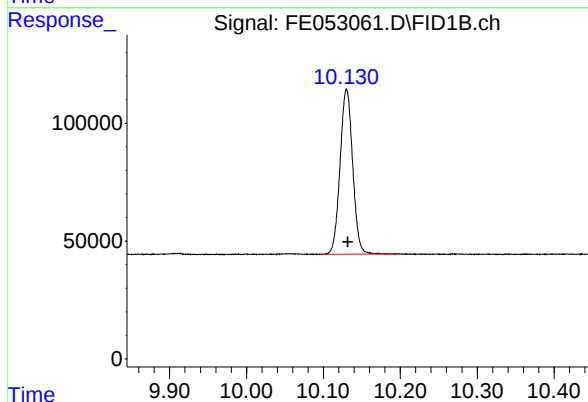
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 794430
Conc: 4.91 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



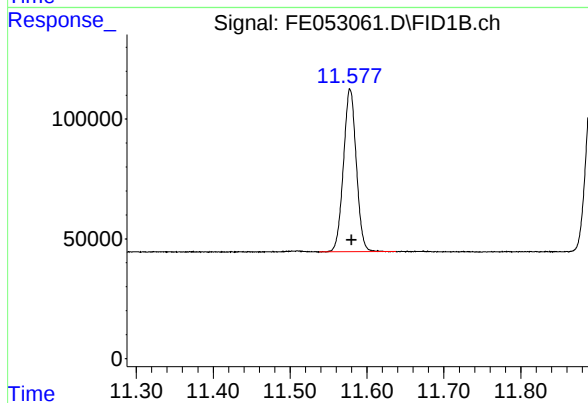
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 791912
Conc: 5.14 ug/ml



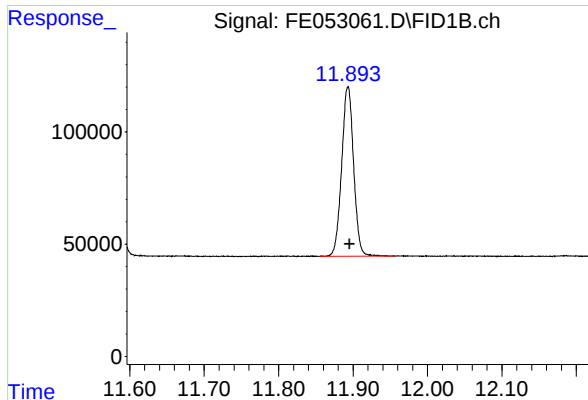
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 796849
Conc: 5.12 ug/ml



#8 n-Octadecane (C18)

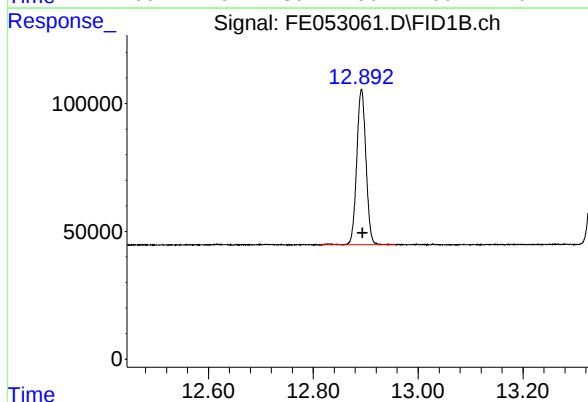
R.T.: 11.578 min
Delta R.T.: -0.002 min
Response: 786402
Conc: 5.14 ug/ml



#9 ortho-Terphenyl (SURR)

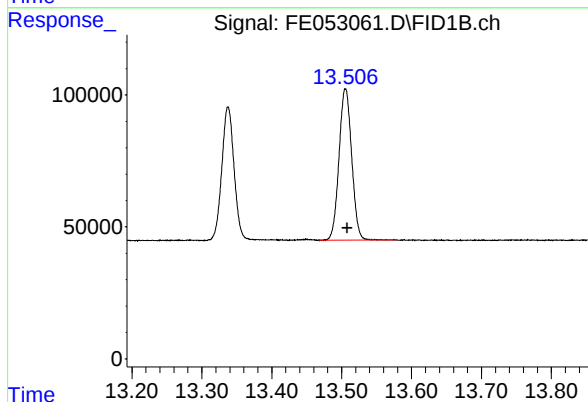
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 844490
Conc: 5.15 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



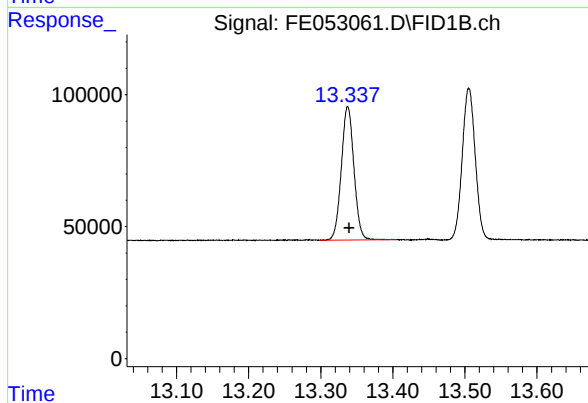
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 743598
Conc: 5.17 ug/ml



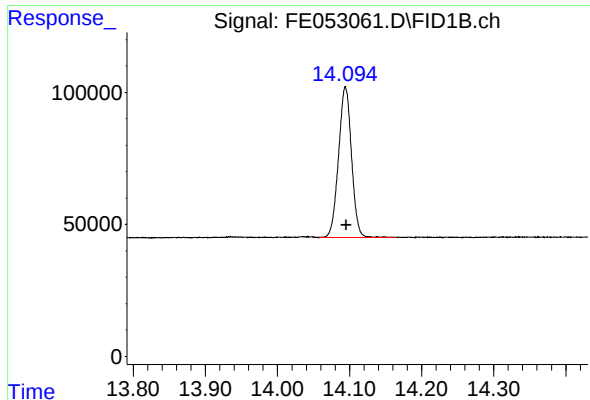
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.003 min
Response: 721765
Conc: 5.16 ug/ml



#12 1-chlorooctadecane (SURR)

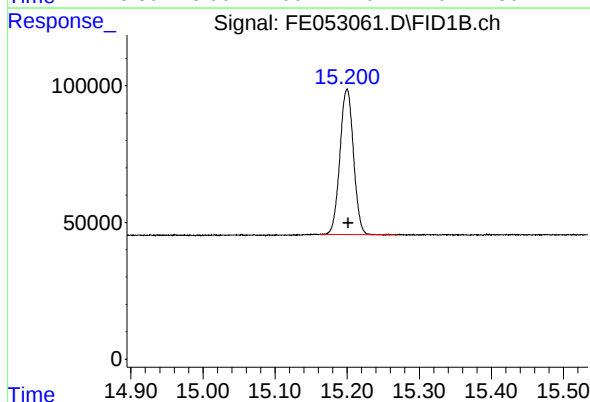
R.T.: 13.338 min
Delta R.T.: -0.002 min
Response: 616281
Conc: 5.09 ug/ml



#13 n-Docosane (C22)

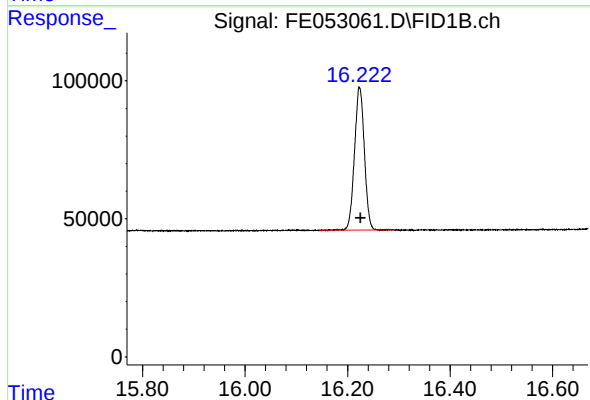
R.T.: 14.094 min
Delta R.T.: -0.001 min
Response: 712566
Conc: 5.17 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



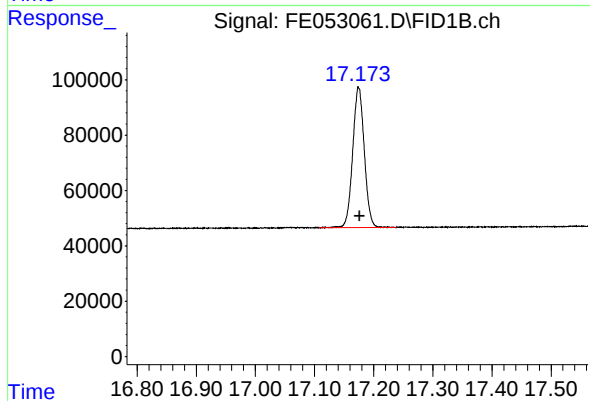
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.002 min
Response: 699097
Conc: 5.15 ug/ml



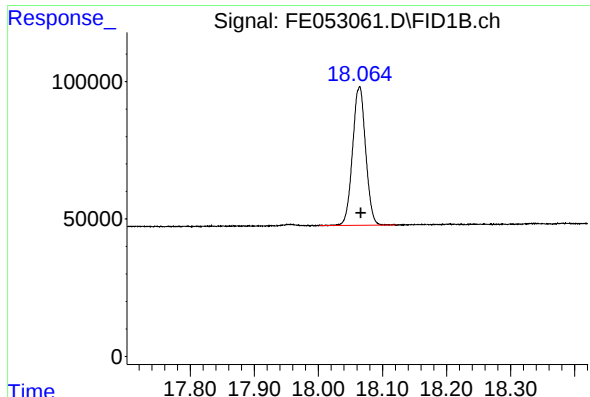
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.002 min
Response: 694483
Conc: 5.18 ug/ml



#16 n-Octacosane (C28)

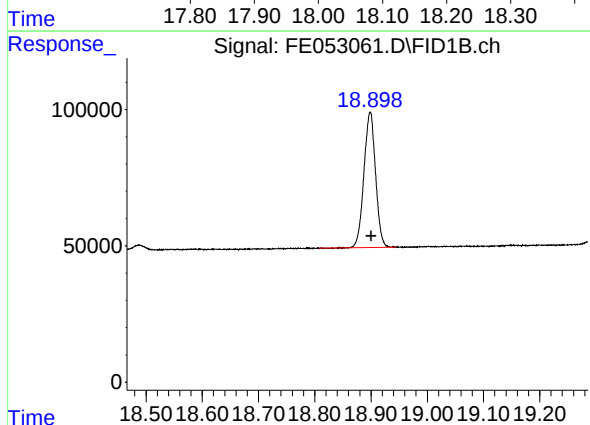
R.T.: 17.175 min
Delta R.T.: -0.002 min
Response: 690349
Conc: 5.22 ug/ml



#17 n-Tricontane (C30)

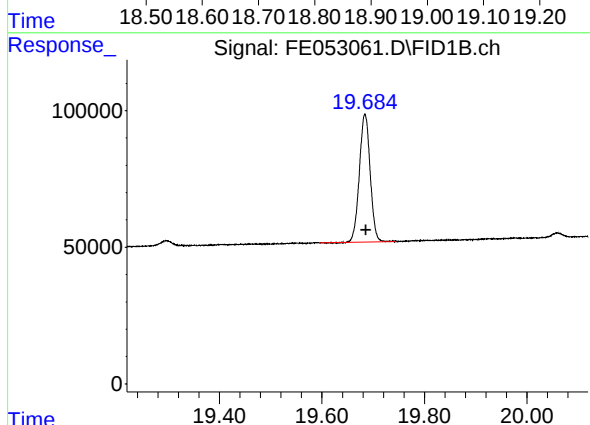
R.T.: 18.064 min
Delta R.T.: -0.003 min
Response: 715799
Conc: 5.28 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



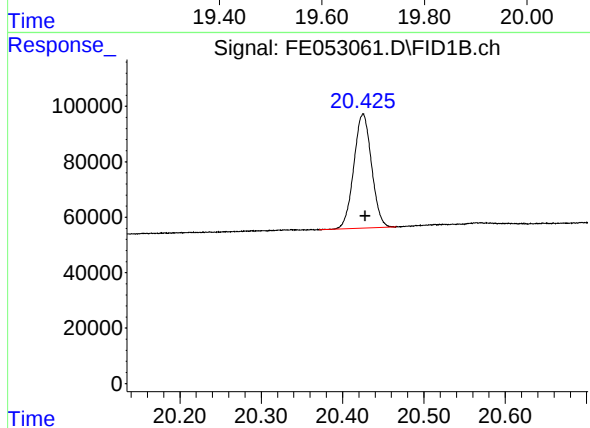
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.002 min
Response: 714056
Conc: 5.32 ug/ml



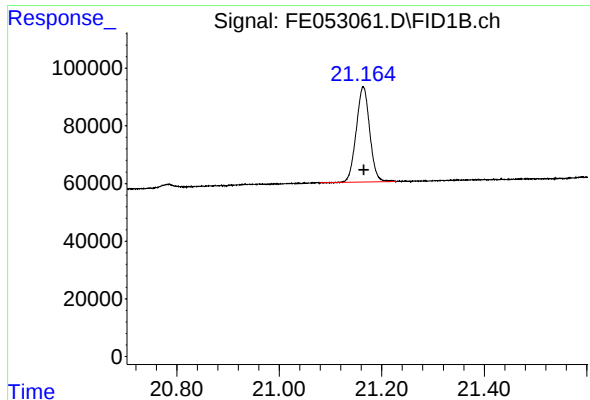
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.002 min
Response: 684498
Conc: 5.30 ug/ml



#20 n-Hexatriacontane (C36)

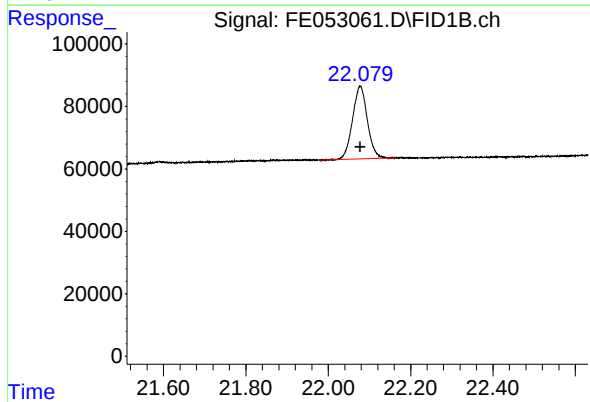
R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 622561
Conc: 5.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.001 min
Response: 600593
Conc: 5.22 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: 0.000 min
Response: 581004
Conc: 5.11 ug/ml