

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061025AL\
 Data File : FE054267.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 03:13
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 10 07:14:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:11:27 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)	11.833	942106	5.787 ug/ml
Spiked Amount 50.000		Recovery =	11.57%
12) S 1-chlorooctadecane (S...	13.278	684226	5.695 ug/ml
Spiked Amount 50.000		Recovery =	11.39%
Target Compounds			
1) T n-Nonane (C9)	3.180	687580	5.598 ug/ml
2) T n-Decane (C10)	4.444	678309	5.502 ug/ml
3) T A~Naphthalene (C11.7)	6.164	699010	5.262 ug/ml
4) T n-Dodecane (C12)	6.626	691574	5.461 ug/ml
5) T A~2-methylnaphthalene...	7.267	674061	5.109 ug/ml
6) T n-Tetradecane (C14)	8.461	720355	5.636 ug/ml
7) T n-Hexadecane (C16)	10.073	745174	5.688 ug/ml
8) T n-Octadecane (C18)	11.520	761584	5.723 ug/ml
10) T n-Eicosane (C20)	12.833	761785	5.780 ug/ml
11) T n-Heneicosane (C21)	13.446	758843	5.792 ug/ml
13) T n-Docosane (C22)	14.033	747506	5.792 ug/ml
14) T n-Tetracosane (C24)	15.139	742804	5.849 ug/ml
15) T n-Hexacosane (C26)	16.163	721330	5.836 ug/ml
16) T n-Octacosane (C28)	17.114	704358	5.837 ug/ml
17) T n-Tricontane (C30)	18.003	715036	5.885 ug/ml
18) T n-Dotriacontane (C32)	18.838	723861	5.881 ug/ml
19) T n-Tetratriacontane (C34)	19.623	711642	5.811 ug/ml
20) T n-Hexatriacontane (C36)	20.364	727714	5.710 ug/ml
21) T n-Octatriacontane (C38)	21.092	744086	5.685 ug/ml
22) T n-Tetracontane (C40)	21.984	764697	5.745 ug/ml

(f)=RT Delta > 1/2 Window

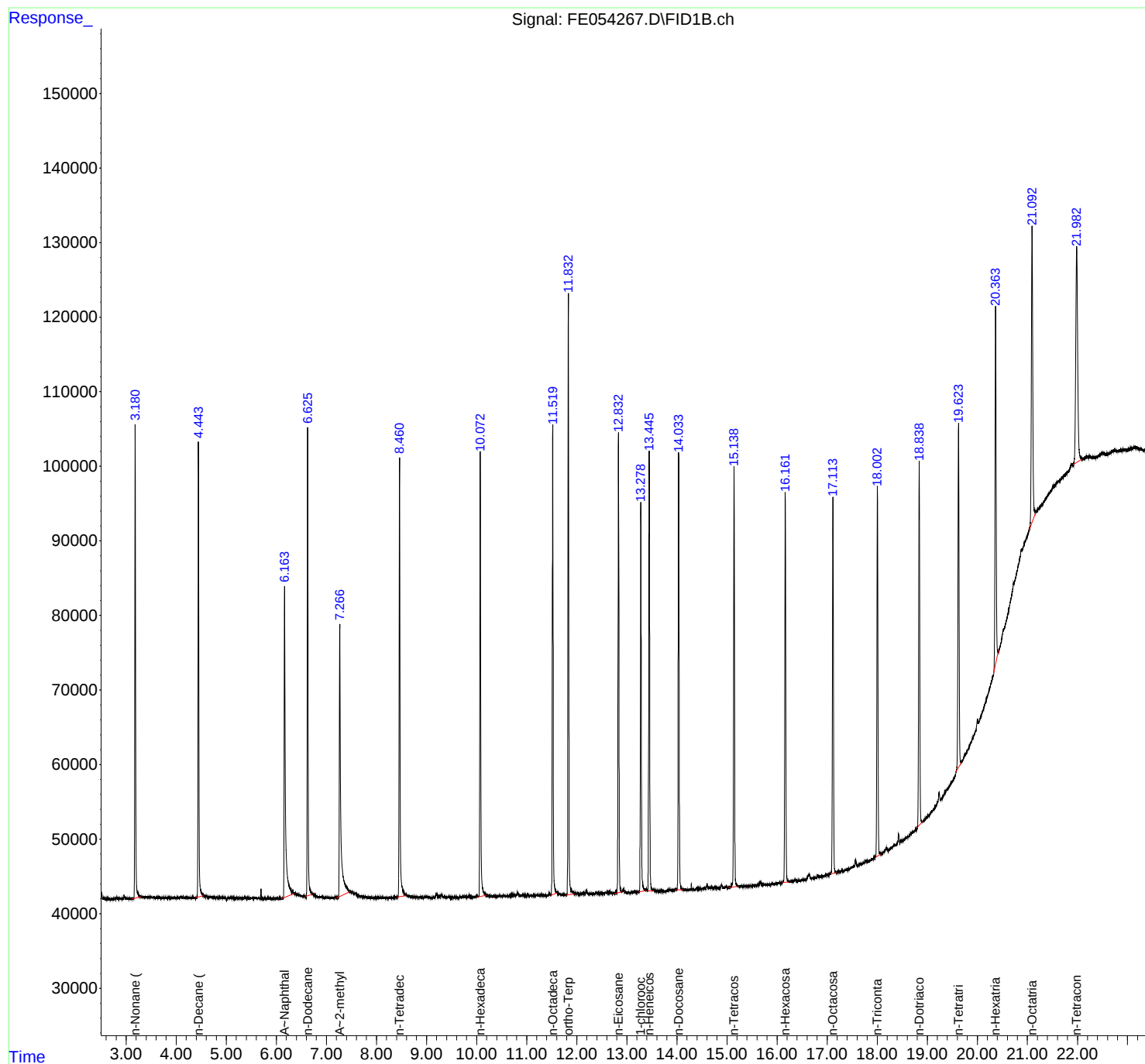
(m)=manual int.

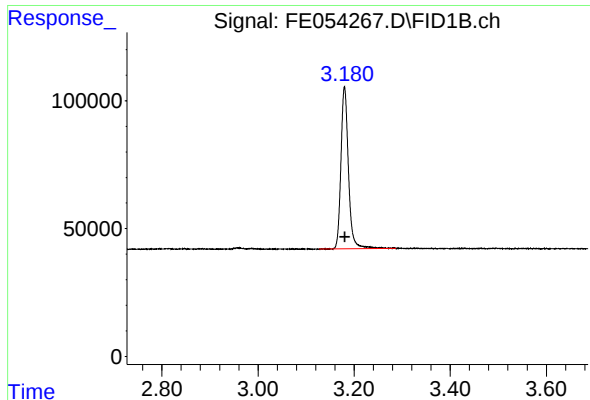
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061025AL\
Data File : FE054267.D
Signal(s) : FID1B.ch
Acq On : 10 Jun 2025 03:13
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 10 07:14:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
Quant Title : GC Extractables
QLast Update : Tue Jun 10 07:11:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

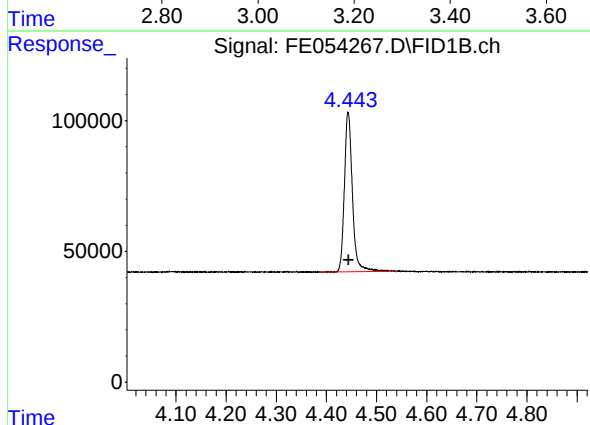




#1 n-Nonane (C9)

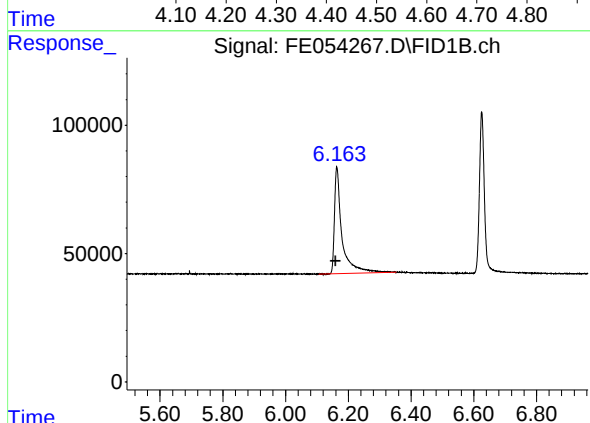
R.T.: 3.180 min
Delta R.T.: 0.000 min
Response: 687580
Conc: 5.60 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



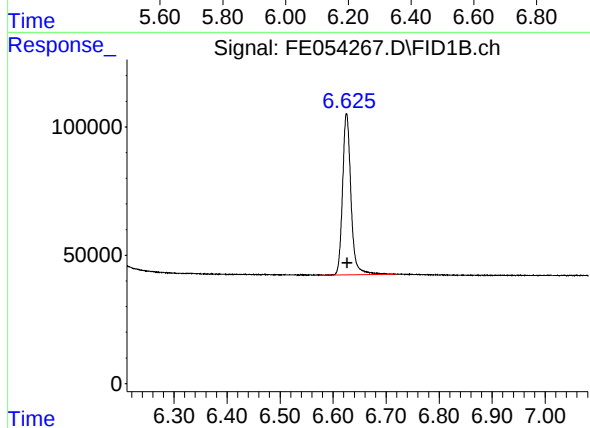
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: 0.000 min
Response: 678309
Conc: 5.50 ug/ml



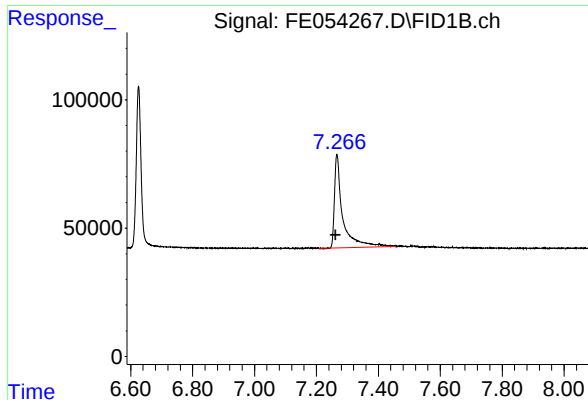
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: 0.004 min
Response: 699010
Conc: 5.26 ug/ml



#4 n-Dodecane (C12)

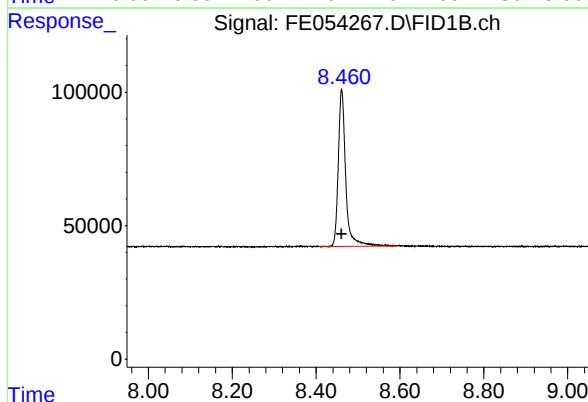
R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 691574
Conc: 5.46 ug/ml



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

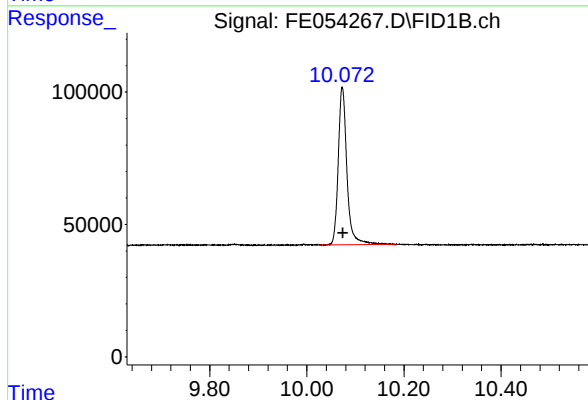
R.T.: 7.267 min
Delta R.T.: 0.004 min
Response: 674061
Conc: 5.11 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



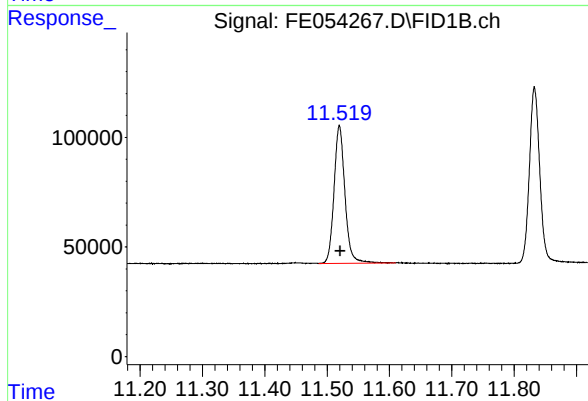
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 720355
Conc: 5.64 ug/ml



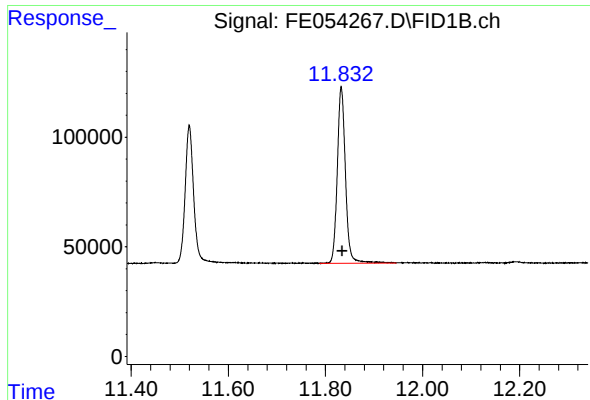
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: -0.001 min
Response: 745174
Conc: 5.69 ug/ml



#8 n-Octadecane (C18)

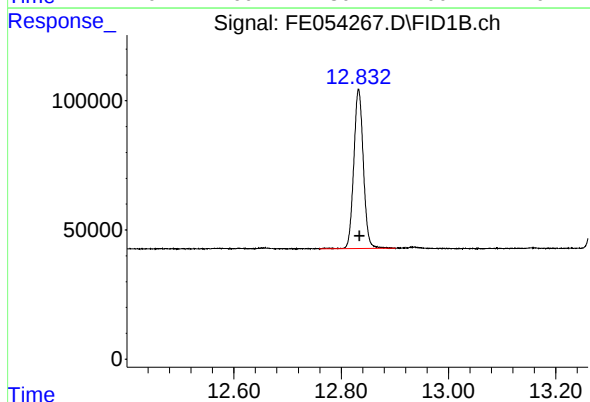
R.T.: 11.520 min
Delta R.T.: -0.001 min
Response: 761584
Conc: 5.72 ug/ml



#9 ortho-Terphenyl (SURR)

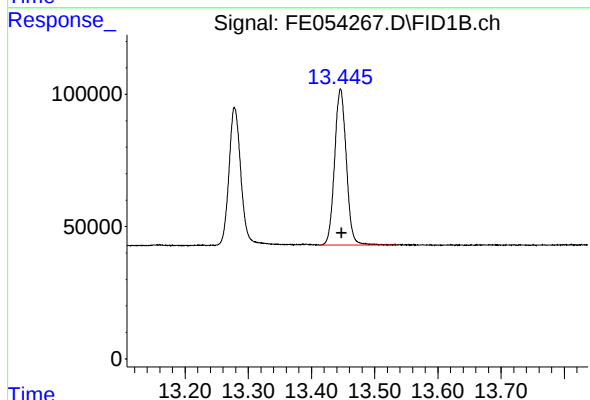
R.T.: 11.833 min
Delta R.T.: -0.002 min
Response: 942106
Conc: 5.79 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



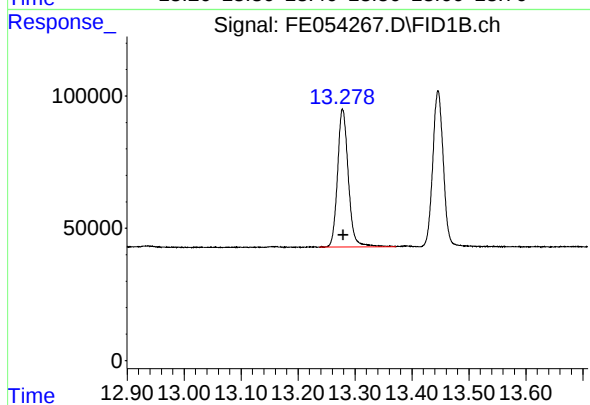
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.002 min
Response: 761785
Conc: 5.78 ug/ml



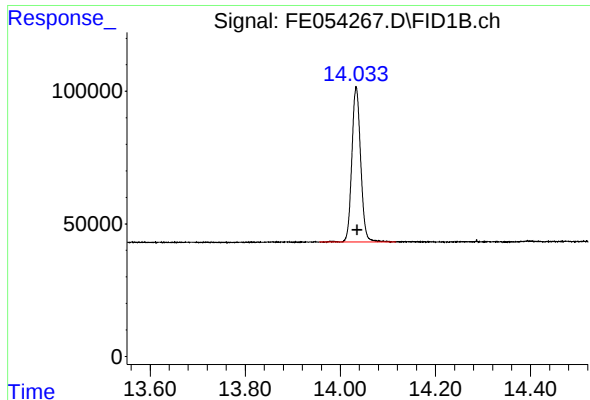
#11 n-Heneicosane (C21)

R.T.: 13.446 min
Delta R.T.: -0.002 min
Response: 758843
Conc: 5.79 ug/ml



#12 1-chlorooctadecane (SURR)

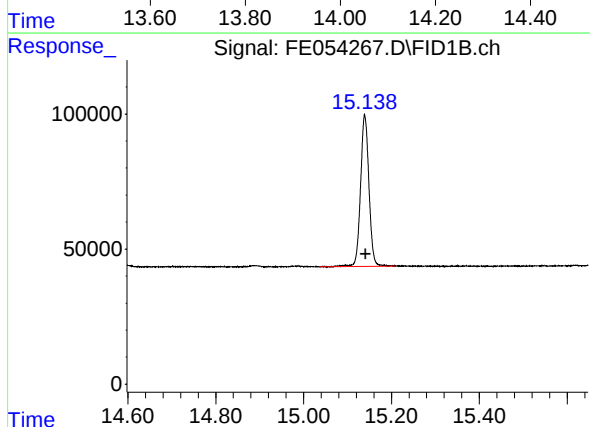
R.T.: 13.278 min
Delta R.T.: -0.001 min
Response: 684226
Conc: 5.70 ug/ml



#13 n-Docosane (C22)

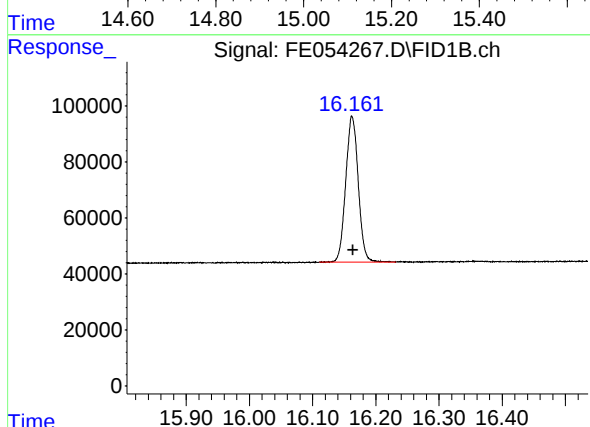
R.T.: 14.033 min
Delta R.T.: -0.002 min
Response: 747506
Conc: 5.79 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



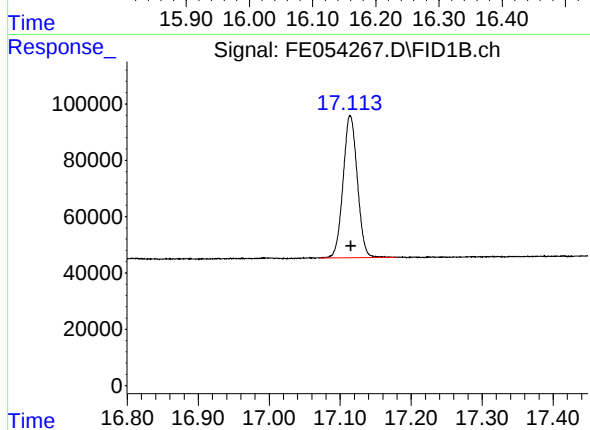
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.002 min
Response: 742804
Conc: 5.85 ug/ml



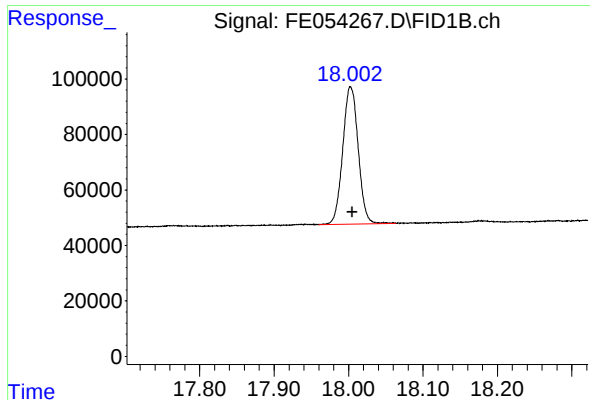
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.001 min
Response: 721330
Conc: 5.84 ug/ml



#16 n-Octacosane (C28)

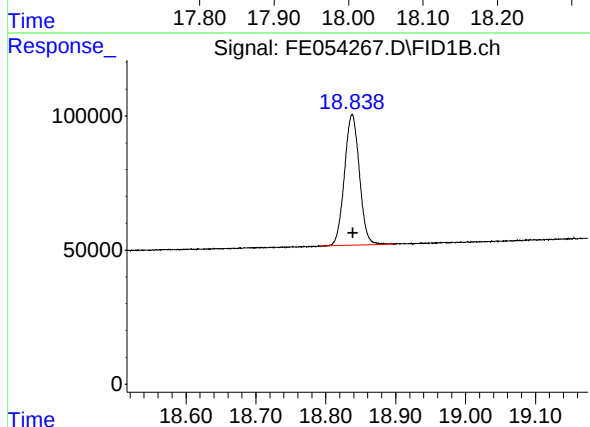
R.T.: 17.114 min
Delta R.T.: 0.000 min
Response: 704358
Conc: 5.84 ug/ml



#17 n-Tricontane (C30)

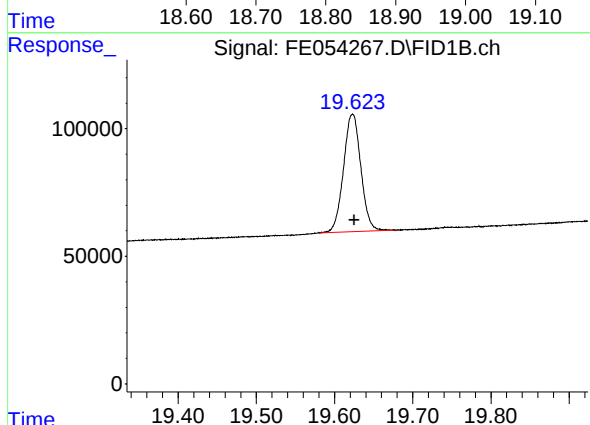
R.T.: 18.003 min
Delta R.T.: -0.002 min
Response: 715036
Conc: 5.88 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



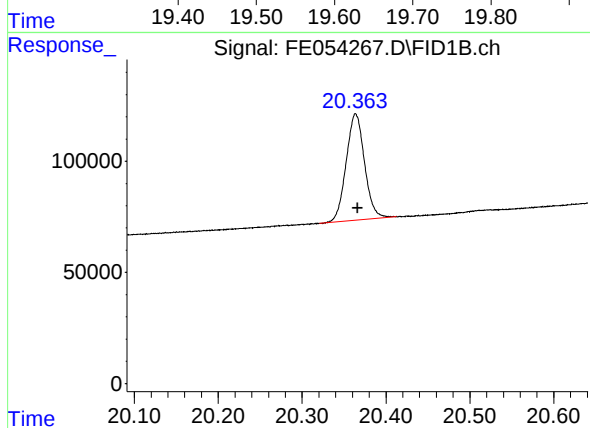
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.001 min
Response: 723861
Conc: 5.88 ug/ml



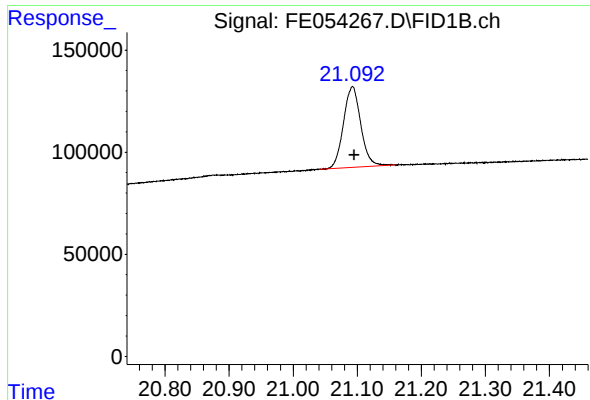
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.002 min
Response: 711642
Conc: 5.81 ug/ml



#20 n-Hexatriacontane (C36)

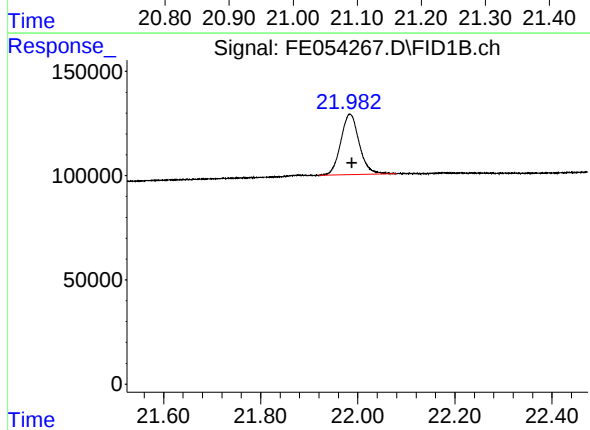
R.T.: 20.364 min
Delta R.T.: -0.002 min
Response: 727714
Conc: 5.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.003 min
Response: 744086
Conc: 5.68 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: -0.004 min
Response: 764697
Conc: 5.75 ug/ml