

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
 Data File : FE051935.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2025 14:11
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 16 15:08:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 15:04:35 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)	12.187	6703536	48.920 ug/ml
Spiked Amount 50.000		Recovery =	97.84%
12) S 1-chlorooctadecane (S...	13.608	5365287	49.012 ug/ml
Spiked Amount 50.000		Recovery =	98.02%
Target Compounds			
1) T n-Nonane (C9)	3.615	4980424	48.766 ug/ml
2) T n-Decane (C10)	4.853	5120832	48.732 ug/ml
3) T A~Naphthalene (C11.7)	6.557	5684532	48.654 ug/ml
4) T n-Dodecane (C12)	6.998	5307199	48.826 ug/ml
5) T A~2-methylnaphthalene...	7.644	5644088	48.807 ug/ml
6) T n-Tetradecane (C14)	8.815	5500634	48.914 ug/ml
7) T n-Hexadecane (C16)	10.417	5941343	48.929 ug/ml
8) T n-Octadecane (C18)	11.856	6206516	48.966 ug/ml
10) T n-Eicosane (C20)	13.162	6127829	49.020 ug/ml
11) T n-Heneicosane (C21)	13.773	6081633	48.995 ug/ml
13) T n-Docosane (C22)	14.358	6124008	49.031 ug/ml
14) T n-Tetracosane (C24)	15.457	6212379	49.270 ug/ml
15) T n-Hexacosane (C26)	16.477	6172798	49.351 ug/ml
16) T n-Octacosane (C28)	17.424	6095899	49.384 ug/ml
17) T n-Tricontane (C30)	18.311	6177517	49.358 ug/ml
18) T n-Dotriacontane (C32)	19.141	5880092	49.331 ug/ml
19) T n-Tetratriacontane (C34)	19.923	5071199	49.216 ug/ml
20) T n-Hexatriacontane (C36)	20.660	4288883	49.008 ug/ml
21) T n-Octatriacontane (C38)	21.455	3955930	48.887 ug/ml
22) T n-Tetracontane (C40)	22.467	3778145	48.573 ug/ml

(f)=RT Delta > 1/2 Window

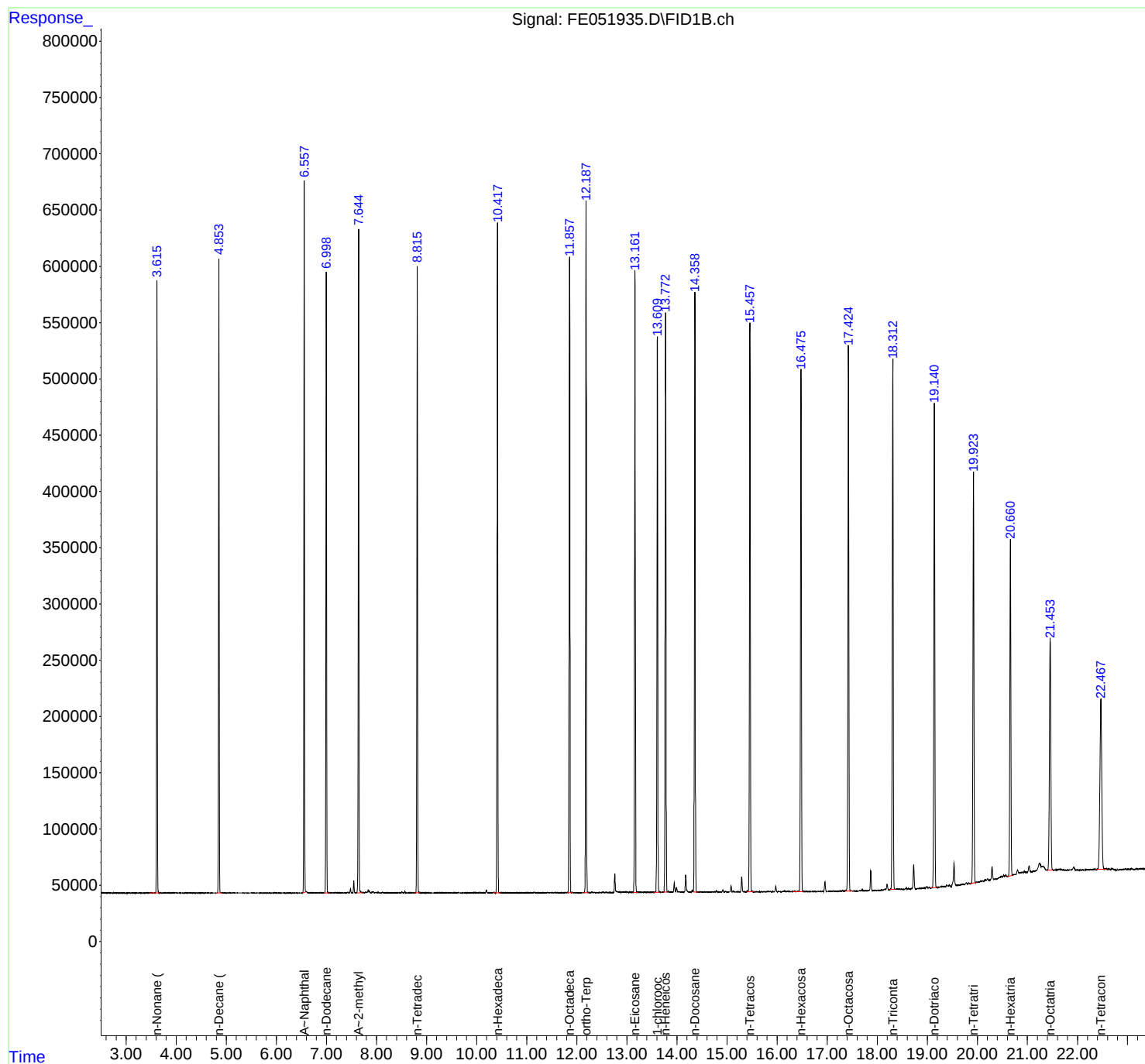
(m)=manual int.

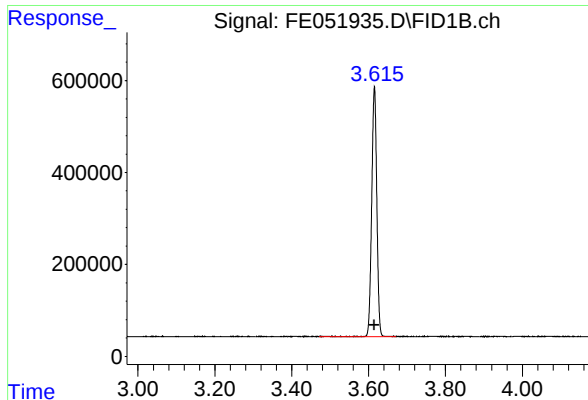
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011625AL\
Data File : FE051935.D
Signal(s) : FID1B.ch
Acq On : 16 Jan 2025 14:11
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Jan 16 15:08:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 15:04:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

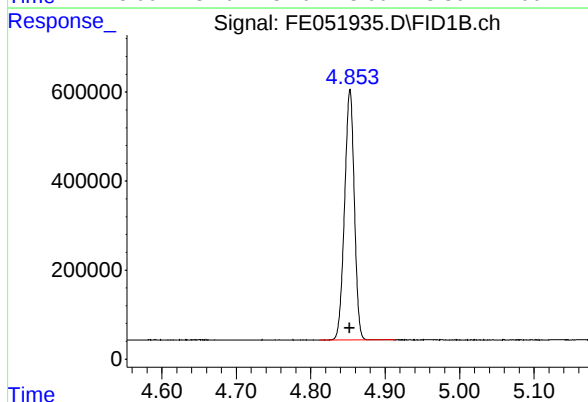




#1 n-Nonane (C9)

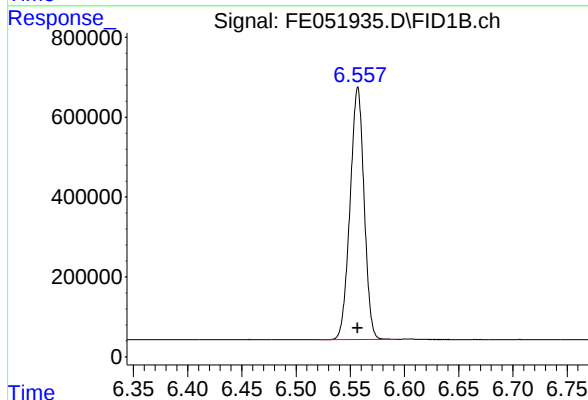
R.T.: 3.615 min
Delta R.T.: 0.000 min
Response: 4980424
Conc: 48.77 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



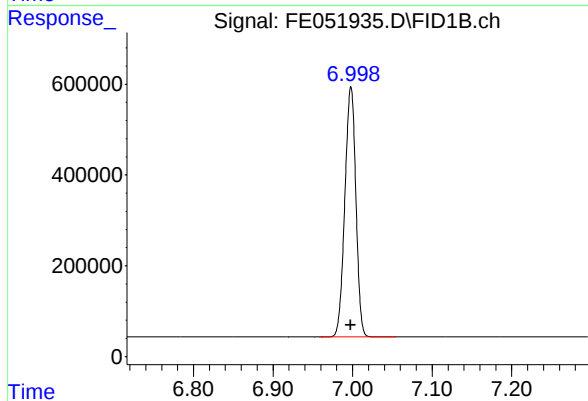
#2 n-Decane (C10)

R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 5120832
Conc: 48.73 ug/ml



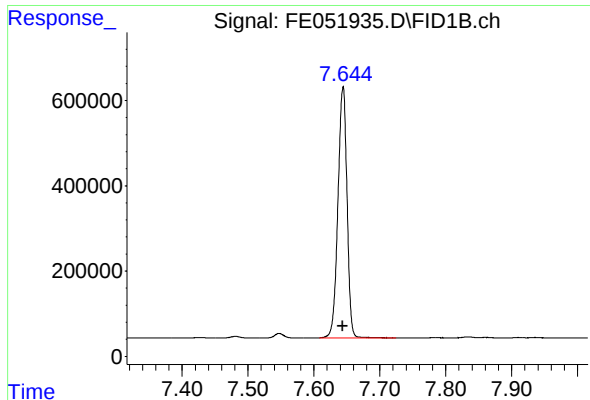
#3 A~Naphthalene (C11.7)

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 5684532
Conc: 48.65 ug/ml



#4 n-Dodecane (C12)

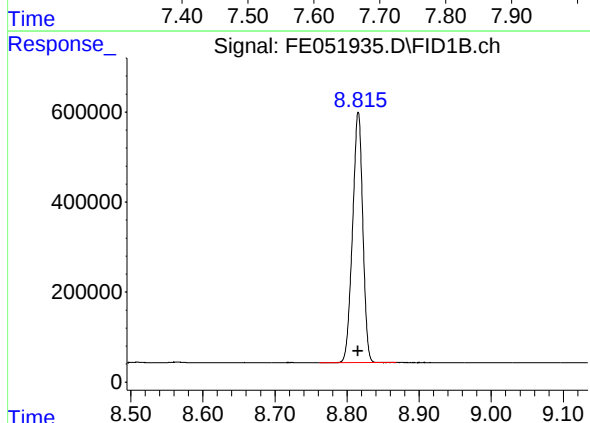
R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 5307199
Conc: 48.83 ug/ml



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

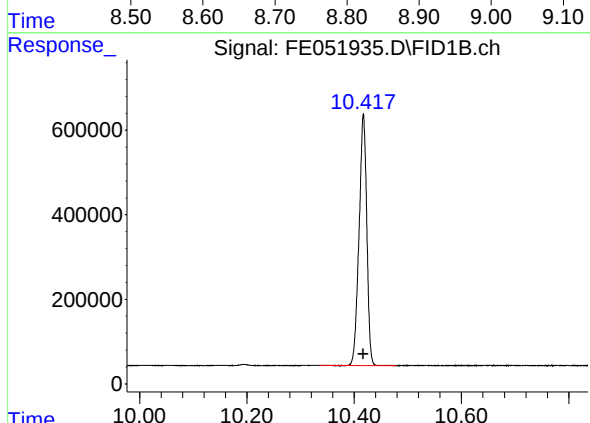
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 5644088
Conc: 48.81 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



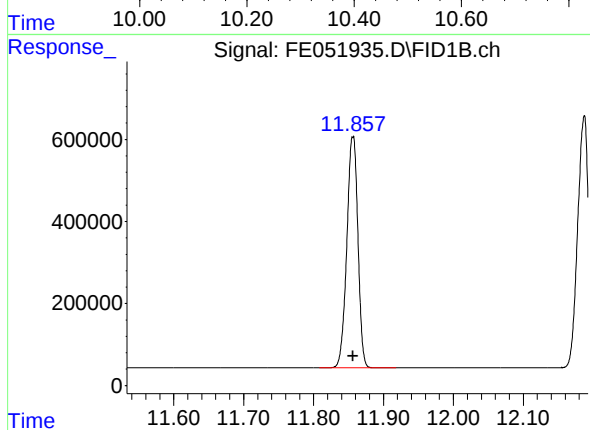
#6 n-Tetradecane (C14)

R.T.: 8.815 min
Delta R.T.: 0.000 min
Response: 5500634
Conc: 48.91 ug/ml



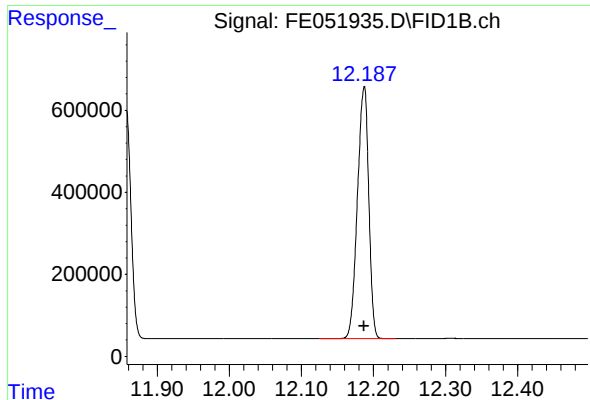
#7 n-Hexadecane (C16)

R.T.: 10.417 min
Delta R.T.: 0.000 min
Response: 5941343
Conc: 48.93 ug/ml



#8 n-Octadecane (C18)

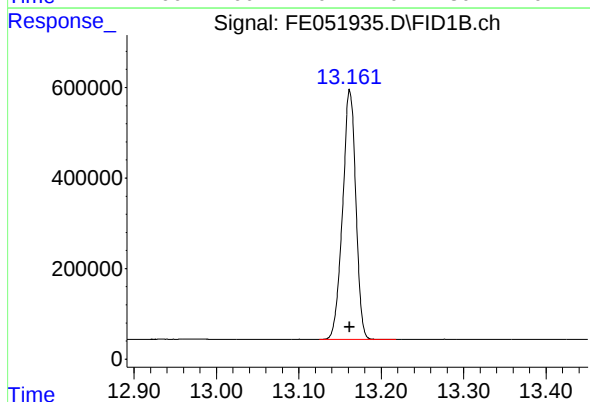
R.T.: 11.856 min
Delta R.T.: 0.000 min
Response: 6206516
Conc: 48.97 ug/ml



#9 ortho-Terphenyl (SURR)

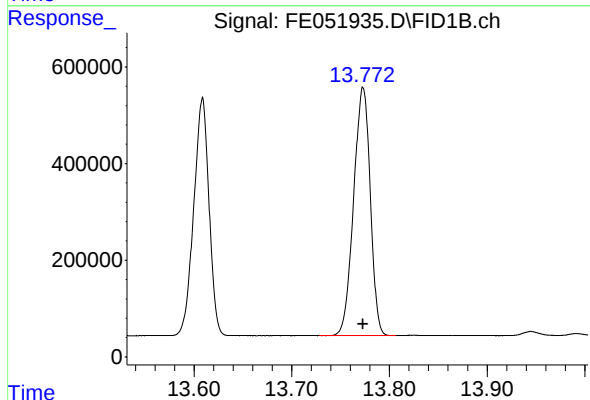
R.T.: 12.187 min
Delta R.T.: 0.000 min
Response: 6703536
Conc: 48.92 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



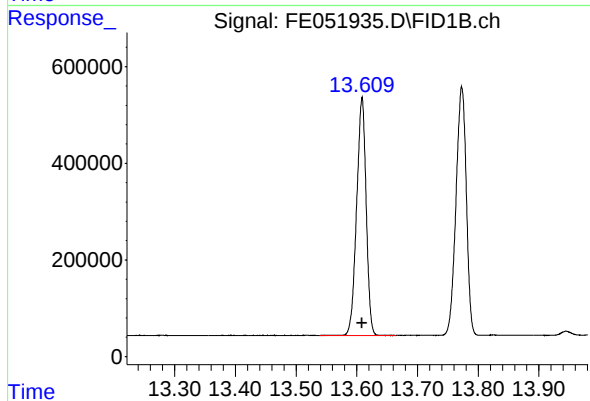
#10 n-Eicosane (C20)

R.T.: 13.162 min
Delta R.T.: 0.000 min
Response: 6127829
Conc: 49.02 ug/ml



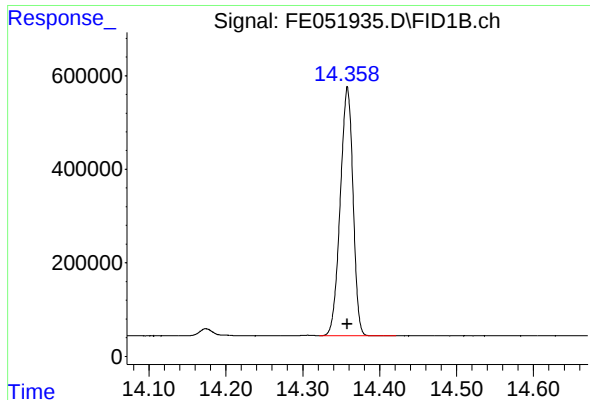
#11 n-Heneicosane (C21)

R.T.: 13.773 min
Delta R.T.: 0.000 min
Response: 6081633
Conc: 48.99 ug/ml



#12 1-chlorooctadecane (SURR)

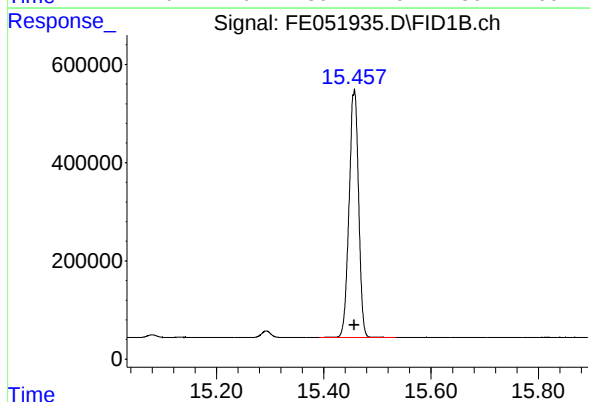
R.T.: 13.608 min
Delta R.T.: 0.000 min
Response: 5365287
Conc: 49.01 ug/ml



#13 n-Docosane (C22)

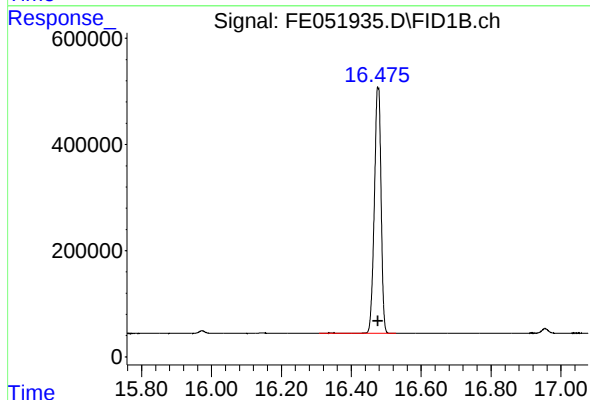
R.T.: 14.358 min
Delta R.T.: 0.000 min
Response: 6124008
Conc: 49.03 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



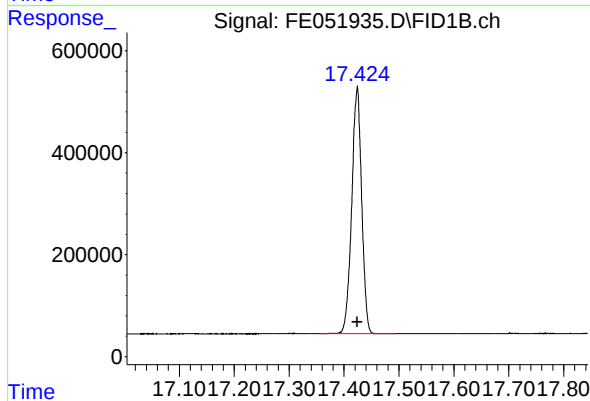
#14 n-Tetracosane (C24)

R.T.: 15.457 min
Delta R.T.: 0.000 min
Response: 6212379
Conc: 49.27 ug/ml



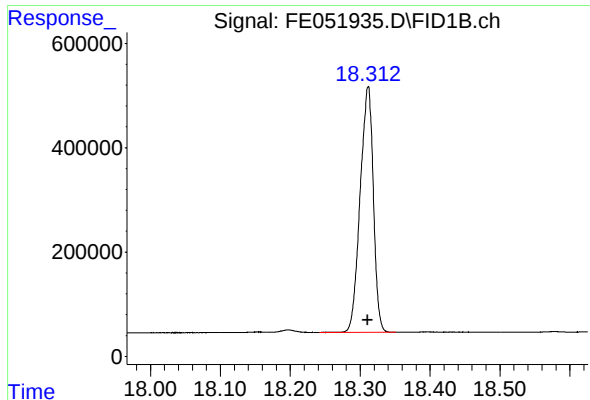
#15 n-Hexacosane (C26)

R.T.: 16.477 min
Delta R.T.: 0.000 min
Response: 6172798
Conc: 49.35 ug/ml



#16 n-Octacosane (C28)

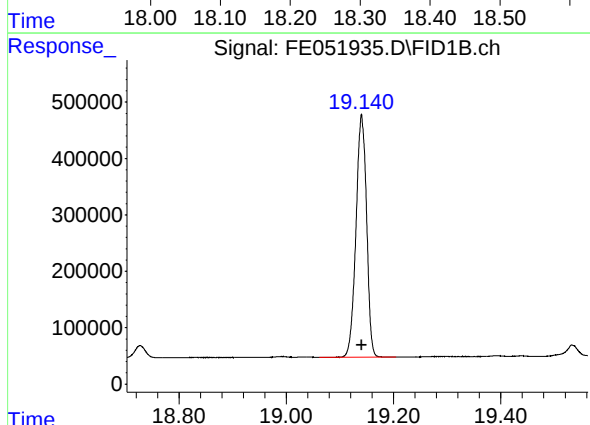
R.T.: 17.424 min
Delta R.T.: 0.000 min
Response: 6095899
Conc: 49.38 ug/ml



#17 n-Tricontane (C30)

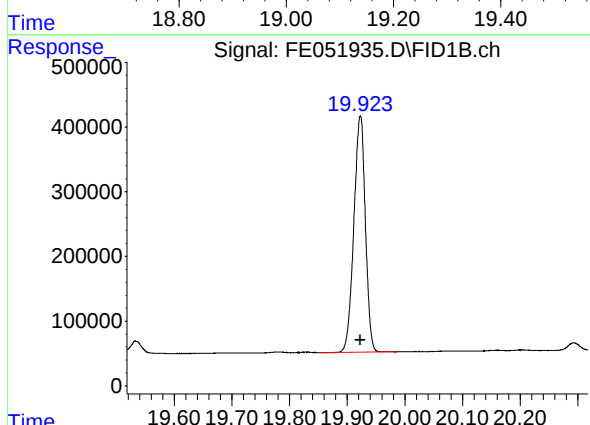
R.T.: 18.311 min
Delta R.T.: 0.000 min
Response: 6177517
Conc: 49.36 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



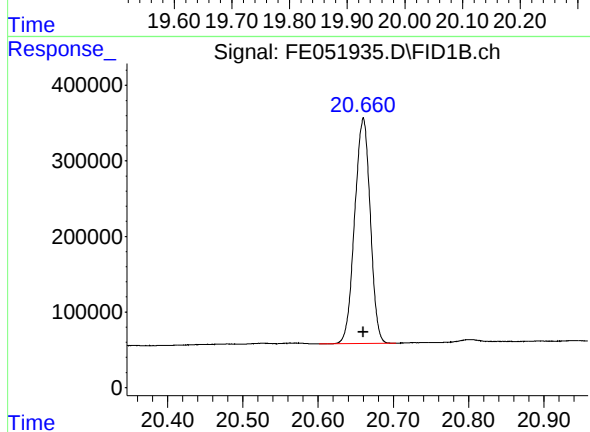
#18 n-Dotriacontane (C32)

R.T.: 19.141 min
Delta R.T.: 0.000 min
Response: 5880092
Conc: 49.33 ug/ml



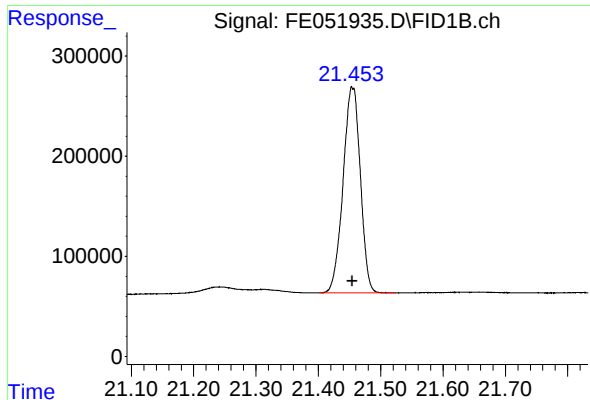
#19 n-Tetratriacontane (C34)

R.T.: 19.923 min
Delta R.T.: 0.000 min
Response: 5071199
Conc: 49.22 ug/ml



#20 n-Hexatriacontane (C36)

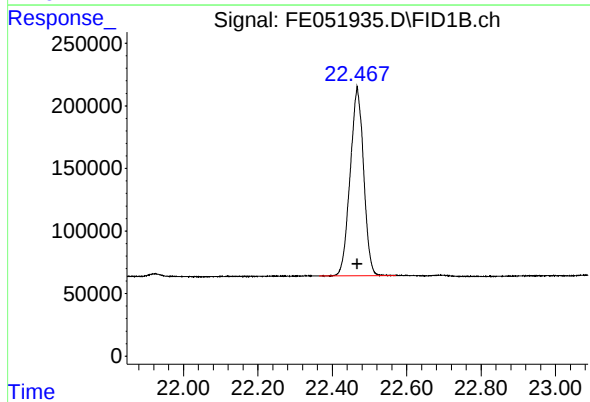
R.T.: 20.660 min
Delta R.T.: 0.000 min
Response: 4288883
Conc: 49.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.455 min
Delta R.T.: 0.000 min
Response: 3955930
Conc: 48.89 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.467 min
Delta R.T.: 0.000 min
Response: 3778145
Conc: 48.57 ug/ml