

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016848.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 14:35
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 29 16:04:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:59:42 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)	12.044	7531998	47.583 ug/ml
Spiked Amount 50.000		Recovery =	95.17%
12) S 1-chlorooctadecane (S...	13.489	5878008	48.019 ug/ml
Spiked Amount 50.000		Recovery =	96.04%
Target Compounds			
1) T n-Nonane (C9)	3.366	6042983	48.496 ug/ml
2) T n-Decane (C10)	4.627	6178483	47.723 ug/ml
3) T A~Naphthalene (C11.7)	6.345	6612393	48.051 ug/ml
4) T n-Dodecane (C12)	6.808	6271118	47.281 ug/ml
5) T A~2-methylnaphthalene...	7.449	6282755	47.791 ug/ml
6) T n-Tetradecane (C14)	8.648	6252076	47.392 ug/ml
7) T n-Hexadecane (C16)	10.267	6538603	47.536 ug/ml
8) T n-Octadecane (C18)	11.721	6790694	47.661 ug/ml
10) T n-Eicosane (C20)	13.040	6721621	47.882 ug/ml
11) T n-Heneicosane (C21)	13.656	6683285	47.957 ug/ml
13) T n-Docosane (C22)	14.246	6759846	48.277 ug/ml
14) T n-Tetracosane (C24)	15.358	6933085	48.923 ug/ml
15) T n-Hexacosane (C26)	16.386	6894790	49.104 ug/ml
16) T n-Octacosane (C28)	17.341	6828706	49.402 ug/ml
17) T n-Tricontane (C30)	18.234	6876786	49.224 ug/ml
18) T n-Dotriacontane (C32)	19.071	6568252	49.320 ug/ml
19) T n-Tetratriacontane (C34)	19.861	5868504	49.848 ug/ml
20) T n-Hexatriacontane (C36)	20.603	4926509	51.501 ug/ml
21) T n-Octatriacontane (C38)	21.381	4376085	53.713 ug/ml
22) T n-Tetracontane (C40)	22.364	4039444	55.069 ug/ml

(f)=RT Delta > 1/2 Window

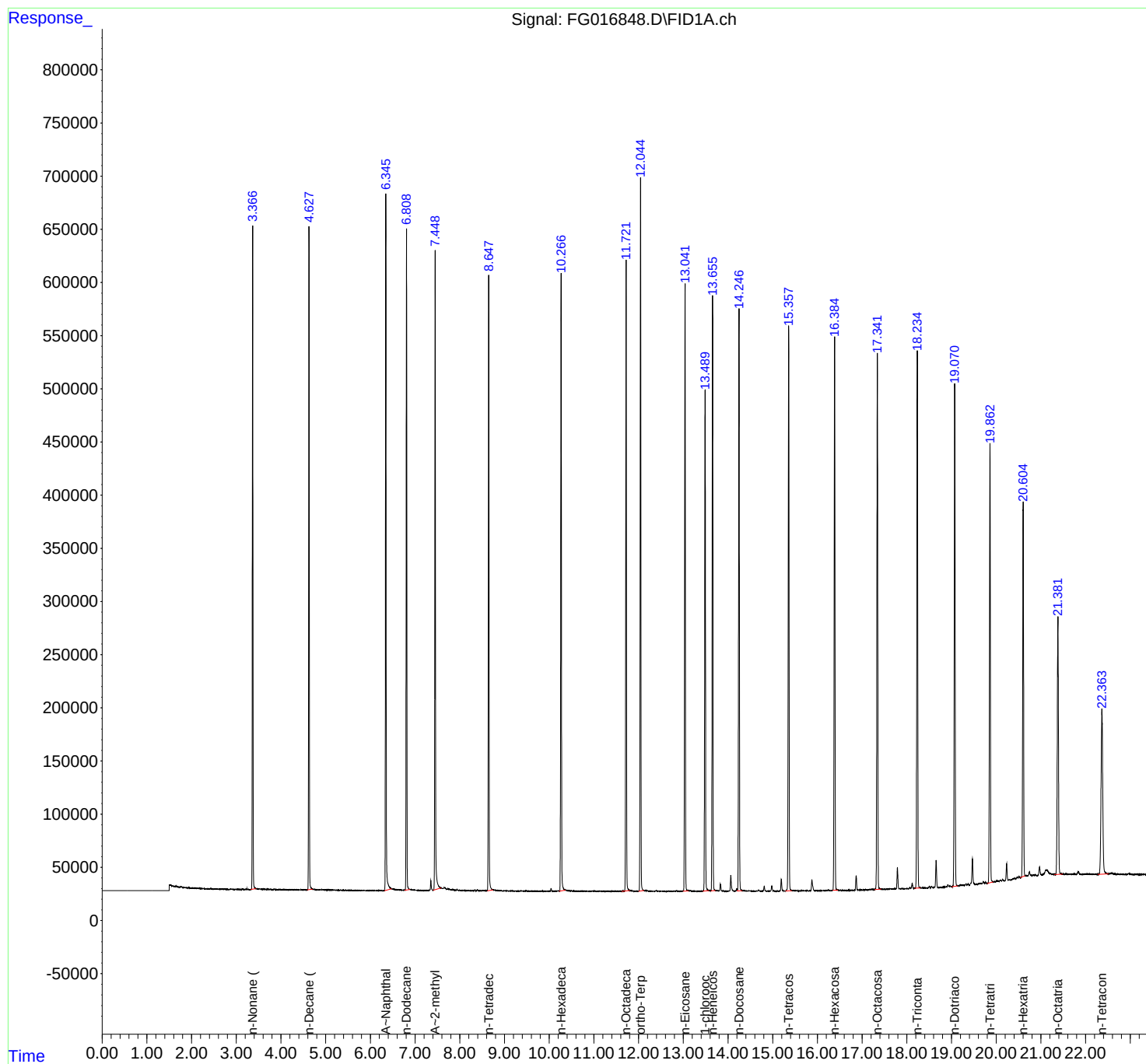
(m)=manual int.

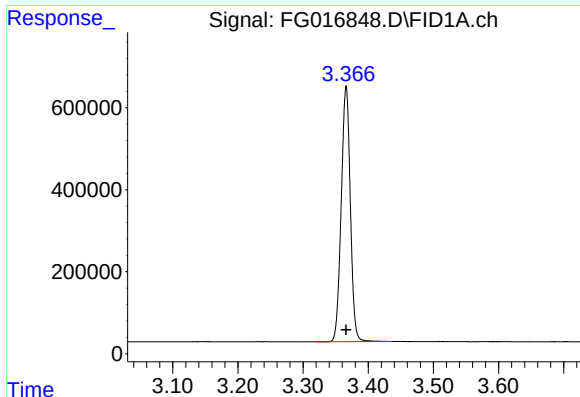
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
Data File : FG016848.D
Signal(s) : FID1A.ch
Acq On : 29 Oct 2025 14:35
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 29 16:04:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 15:59:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

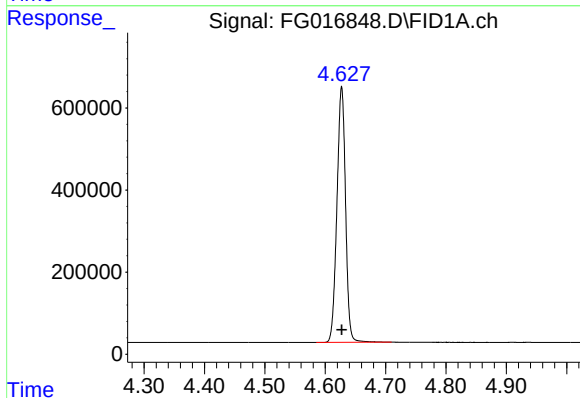




#1 n-Nonane (C9)

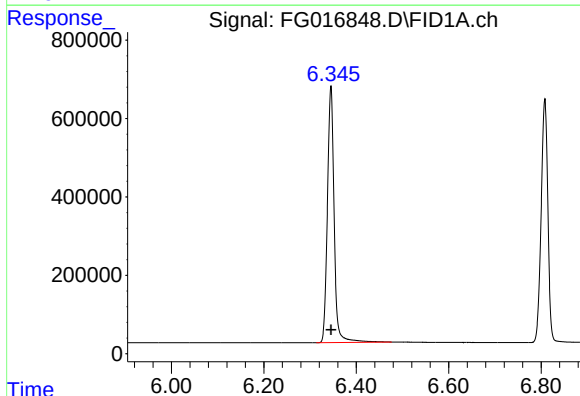
R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 6042983
Conc: 48.50 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



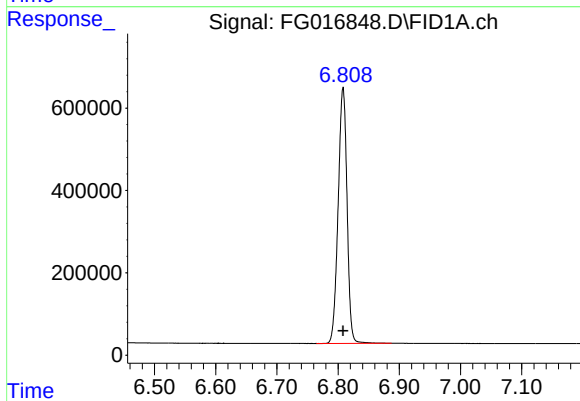
#2 n-Decane (C10)

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 6178483
Conc: 47.72 ug/ml



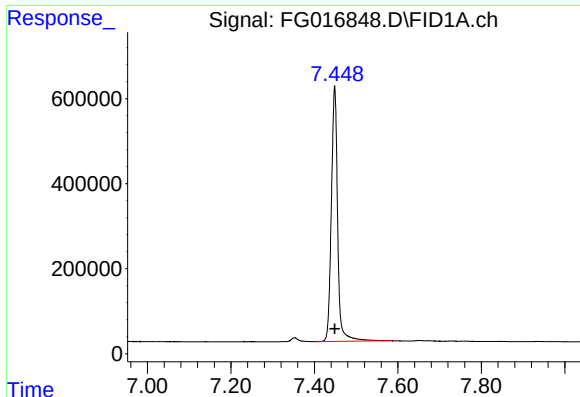
#3 A~Naphthalene (C11.7)

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 6612393
Conc: 48.05 ug/ml



#4 n-Dodecane (C12)

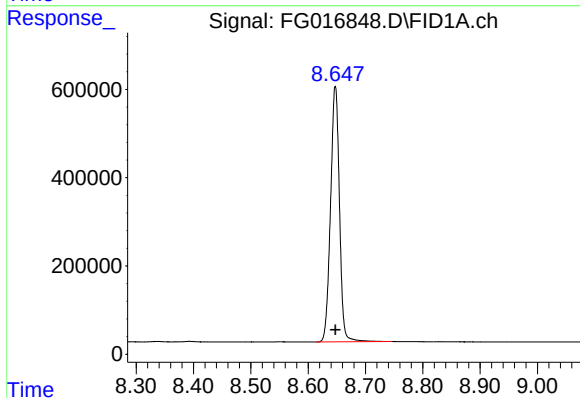
R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 6271118
Conc: 47.28 ug/ml



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

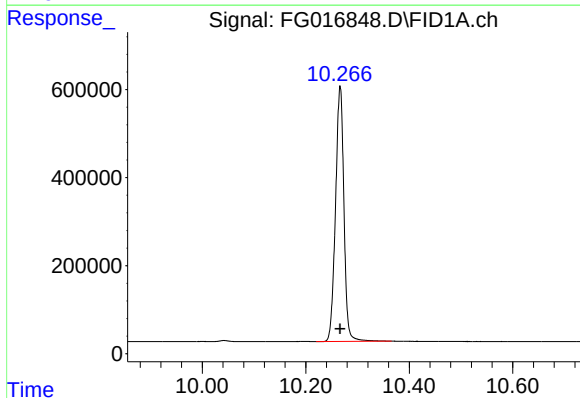
R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 6282755
Conc: 47.79 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



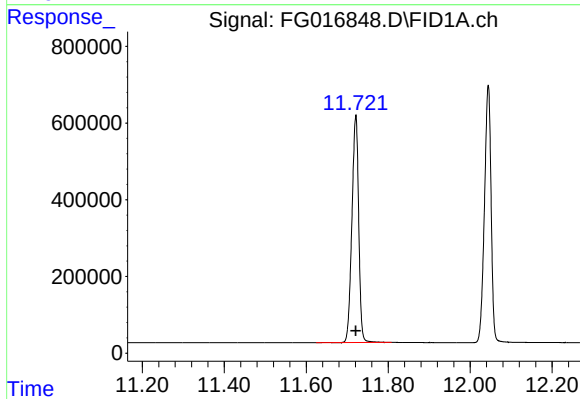
#6 n-Tetradecane (C14)

R.T.: 8.648 min
Delta R.T.: 0.000 min
Response: 6252076
Conc: 47.39 ug/ml



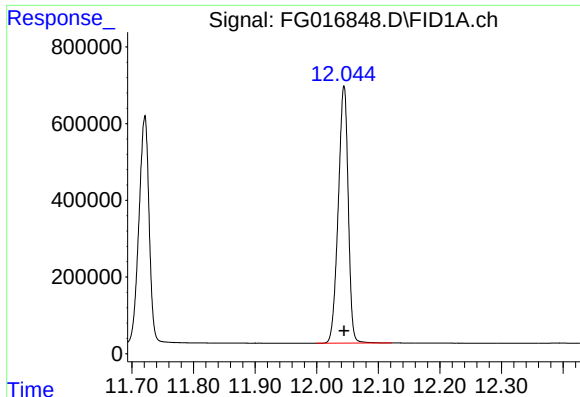
#7 n-Hexadecane (C16)

R.T.: 10.267 min
Delta R.T.: 0.000 min
Response: 6538603
Conc: 47.54 ug/ml



#8 n-Octadecane (C18)

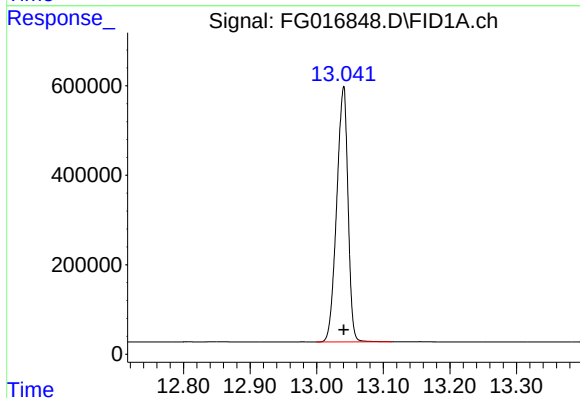
R.T.: 11.721 min
Delta R.T.: 0.000 min
Response: 6790694
Conc: 47.66 ug/ml



#9 ortho-Terphenyl (SURR)

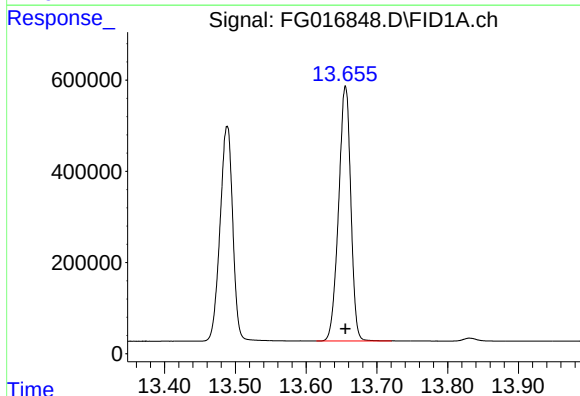
R.T.: 12.044 min
Delta R.T.: 0.000 min
Response: 7531998
Conc: 47.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



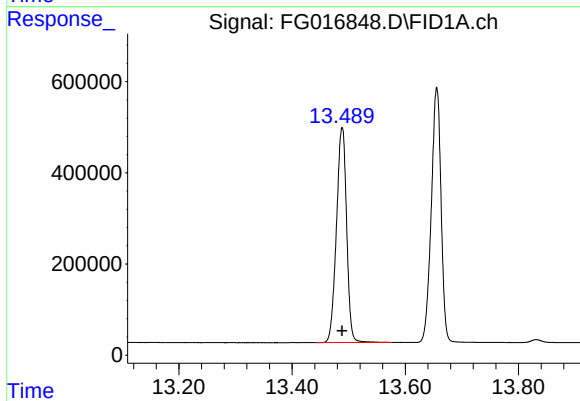
#10 n-Eicosane (C20)

R.T.: 13.040 min
Delta R.T.: 0.000 min
Response: 6721621
Conc: 47.88 ug/ml



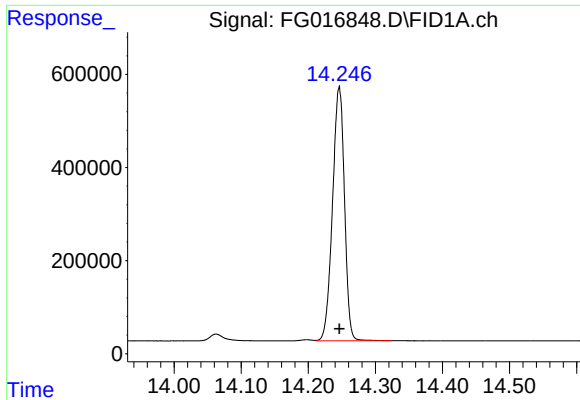
#11 n-Heneicosane (C21)

R.T.: 13.656 min
Delta R.T.: 0.000 min
Response: 6683285
Conc: 47.96 ug/ml



#12 1-chlorooctadecane (SURR)

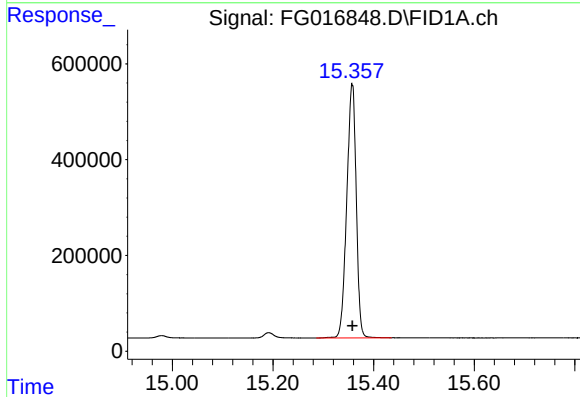
R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 5878008
Conc: 48.02 ug/ml



#13 n-Docosane (C22)

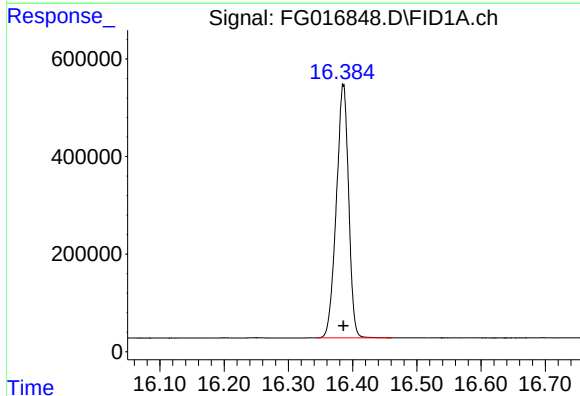
R.T.: 14.246 min
Delta R.T.: 0.000 min
Response: 6759846
Conc: 48.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



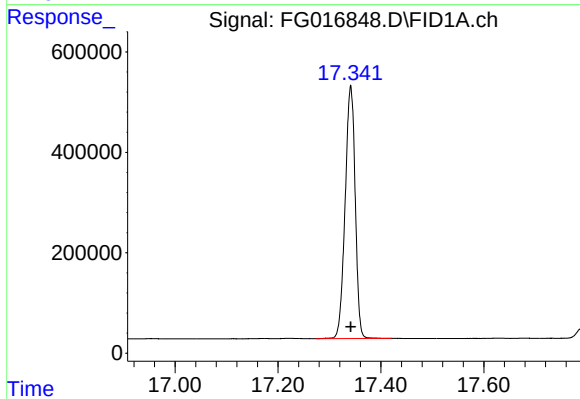
#14 n-Tetracosane (C24)

R.T.: 15.358 min
Delta R.T.: 0.000 min
Response: 6933085
Conc: 48.92 ug/ml



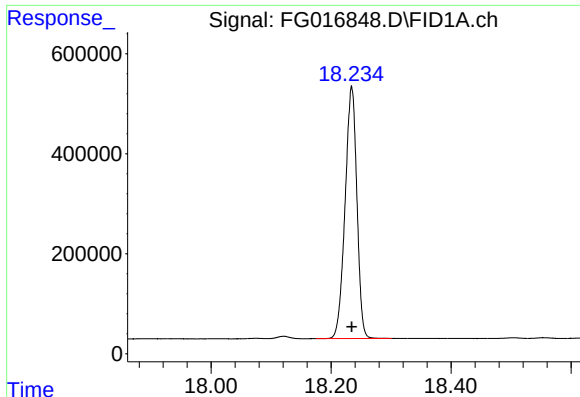
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: 0.000 min
Response: 6894790
Conc: 49.10 ug/ml



#16 n-Octacosane (C28)

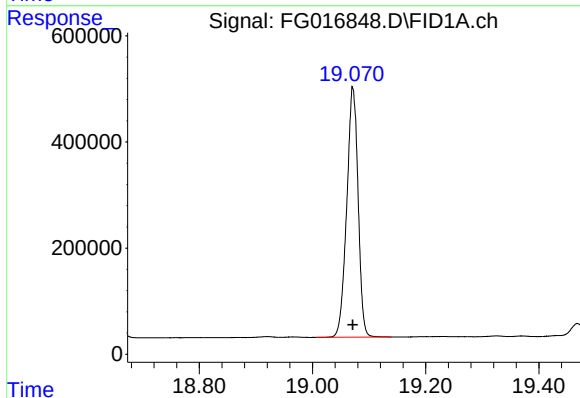
R.T.: 17.341 min
Delta R.T.: 0.000 min
Response: 6828706
Conc: 49.40 ug/ml



#17 n-Tricontane (C30)

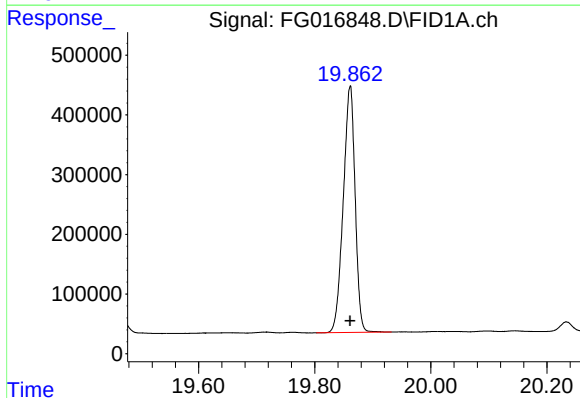
R.T.: 18.234 min
Delta R.T.: 0.000 min
Response: 6876786
Conc: 49.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



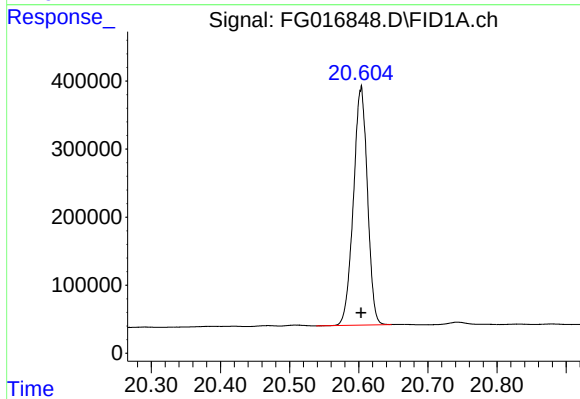
#18 n-Dotriacontane (C32)

R.T.: 19.071 min
Delta R.T.: 0.000 min
Response: 6568252
Conc: 49.32 ug/ml



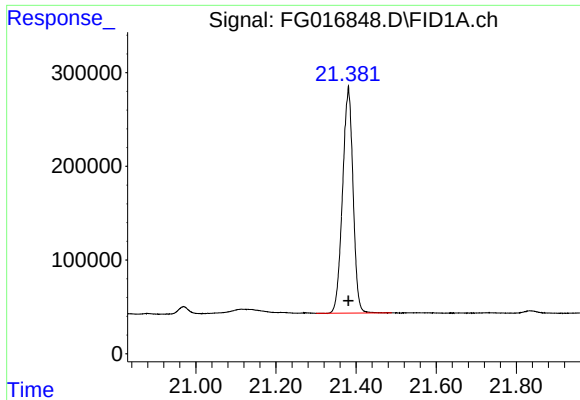
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: 0.000 min
Response: 5868504
Conc: 49.85 ug/ml



#20 n-Hexatriacontane (C36)

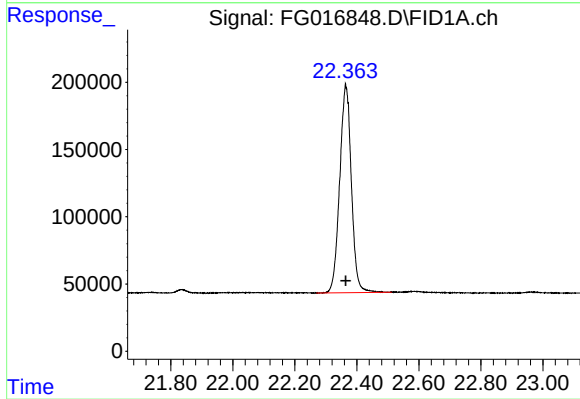
R.T.: 20.603 min
Delta R.T.: 0.000 min
Response: 4926509
Conc: 51.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: 0.000 min
Response: 4376085
Conc: 53.71 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: 0.000 min
Response: 4039444
Conc: 55.07 ug/ml