

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015682.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 10:48
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 17 11:32:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 11:27:27 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)	11.907	6944637	48.360 ug/ml
Spiked Amount 50.000		Recovery =	96.72%
12) S 1-chlorooctadecane (S...	13.349	5129455	48.222 ug/ml
Spiked Amount 50.000		Recovery =	96.44%
Target Compounds			
1) T n-Nonane (C9)	3.252	5417506	48.780 ug/ml
2) T n-Decane (C10)	4.511	5458297	48.716 ug/ml
3) T A~Naphthalene (C11.7)	6.222	5869529	49.017 ug/ml
4) T n-Dodecane (C12)	6.691	5580905	48.759 ug/ml
5) T A~2-methylnaphthalene...	7.324	5720586	48.757 ug/ml
6) T n-Tetradecane (C14)	8.527	5586051	48.691 ug/ml
7) T n-Hexadecane (C16)	10.141	5699508	48.613 ug/ml
8) T n-Octadecane (C18)	11.590	5777603	48.476 ug/ml
10) T n-Eicosane (C20)	12.904	5702097	48.315 ug/ml
11) T n-Heneicosane (C21)	13.517	5661018	48.279 ug/ml
13) T n-Docosane (C22)	14.105	5590457	48.270 ug/ml
14) T n-Tetracosane (C24)	15.212	5472034	48.166 ug/ml
15) T n-Hexacosane (C26)	16.236	5302439	48.139 ug/ml
16) T n-Octacosane (C28)	17.188	5120714	48.089 ug/ml
17) T n-Tricontane (C30)	18.077	5063434	48.093 ug/ml
18) T n-Dotriacontane (C32)	18.911	4965100	48.076 ug/ml
19) T n-Tetratriacontane (C34)	19.695	4732056	48.226 ug/ml
20) T n-Hexatriacontane (C36)	20.437	4596996	48.504 ug/ml
21) T n-Octatriacontane (C38)	21.179	4262251	48.696 ug/ml
22) T n-Tetracontane (C40)	22.100	3844920	48.785 ug/ml

(f)=RT Delta > 1/2 Window

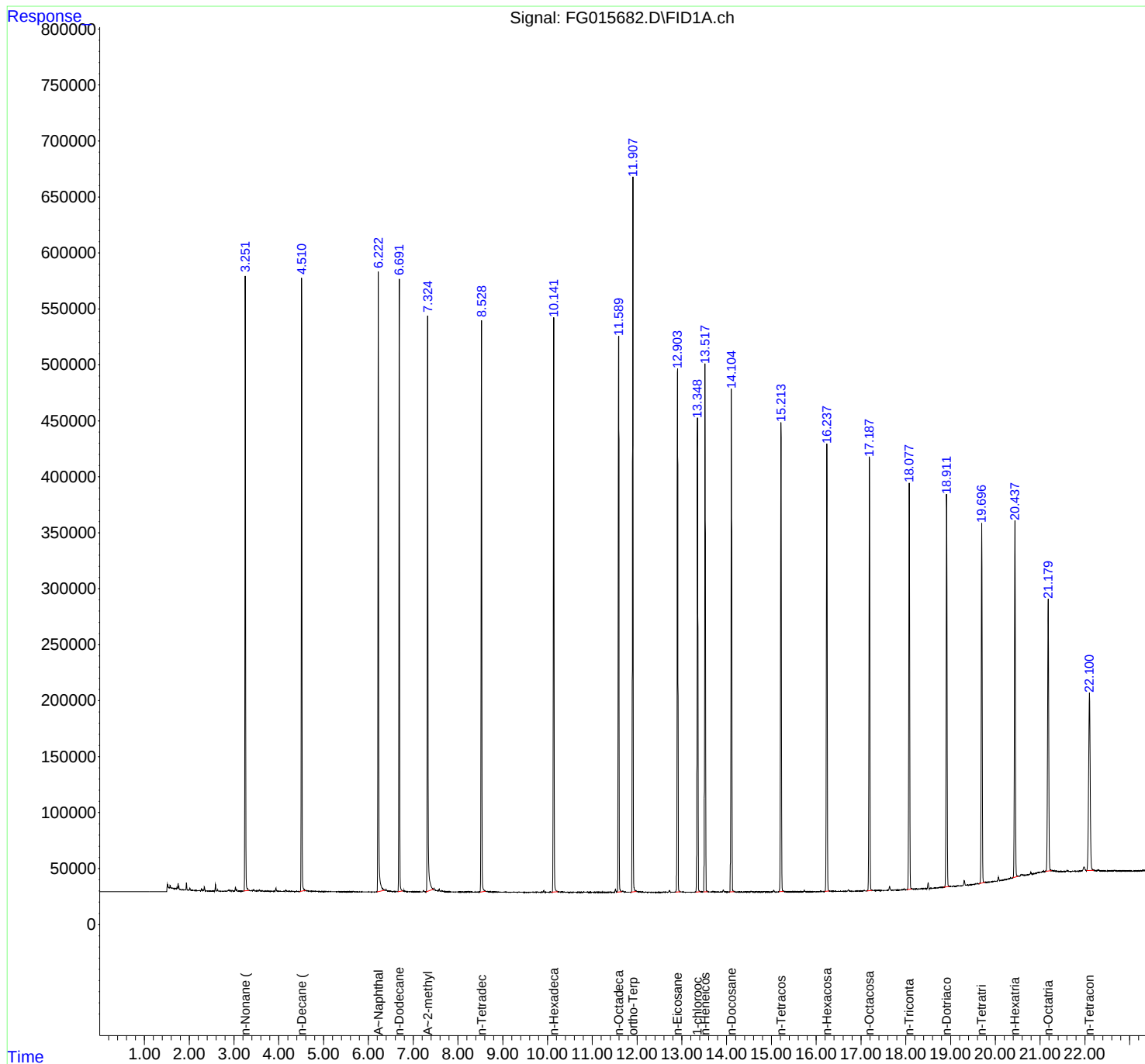
(m)=manual int.

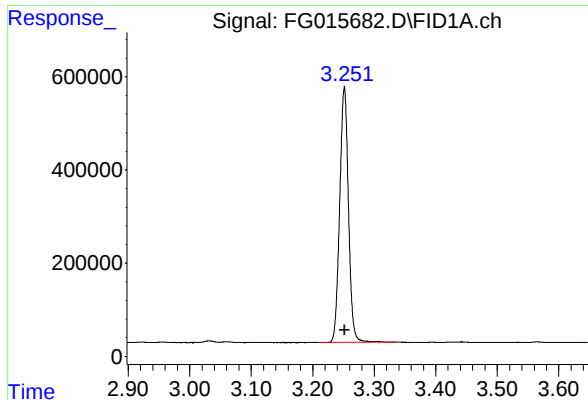
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
Data File : FG015682.D
Signal(s) : FID1A.ch
Acq On : 17 Apr 2025 10:48
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Apr 17 11:32:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
Quant Title : GC Extractables
QLast Update : Thu Apr 17 11:27:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

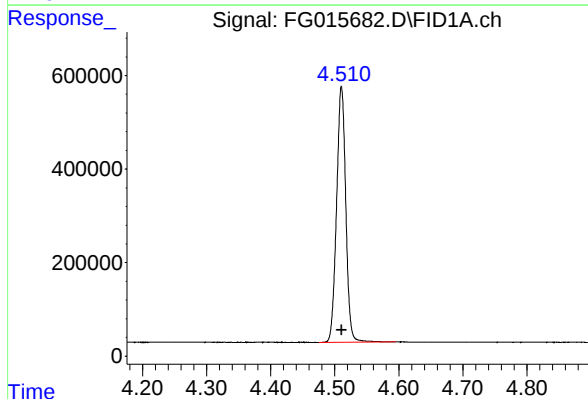




#1 n-Nonane (C9)

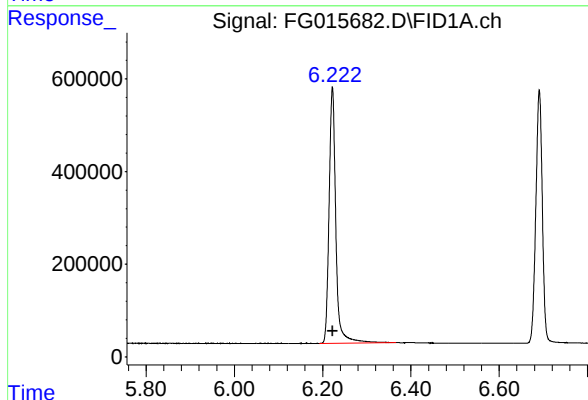
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 5417506
Conc: 48.78 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



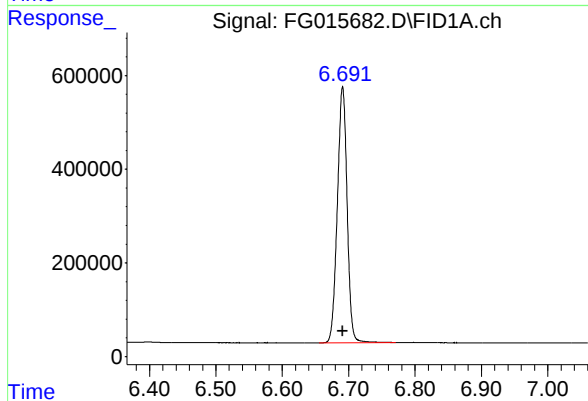
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 5458297
Conc: 48.72 ug/ml



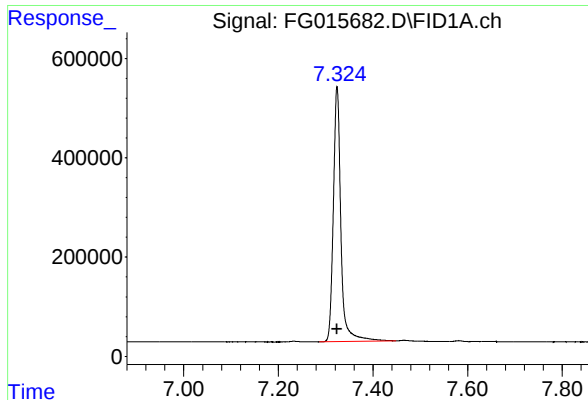
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: 0.000 min
Response: 5869529
Conc: 49.02 ug/ml



#4 n-Dodecane (C12)

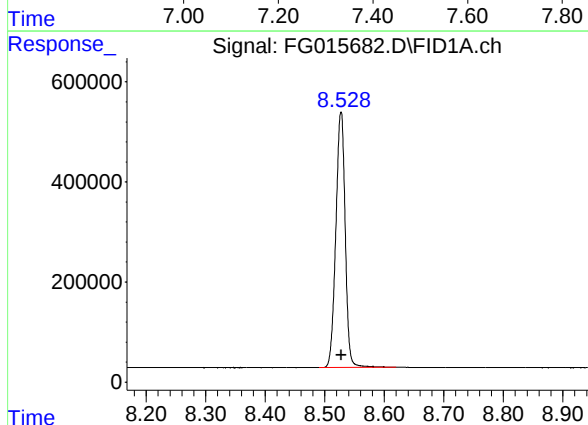
R.T.: 6.691 min
Delta R.T.: 0.000 min
Response: 5580905
Conc: 48.76 ug/ml



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

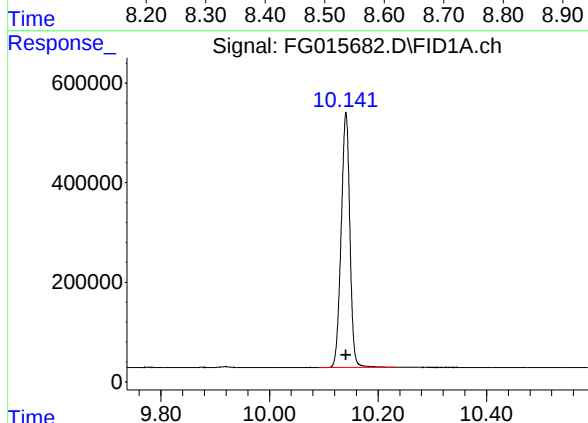
R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 5720586
Conc: 48.76 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



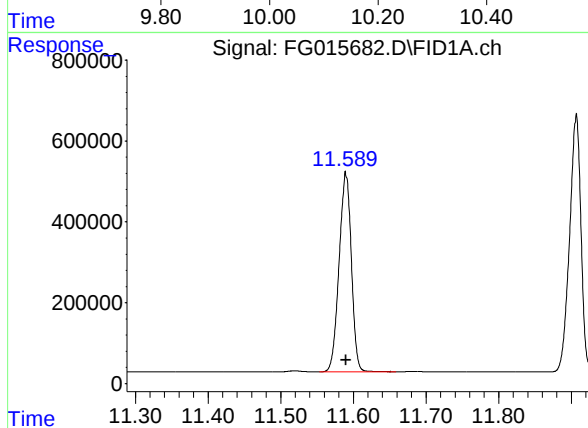
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 5586051
Conc: 48.69 ug/ml



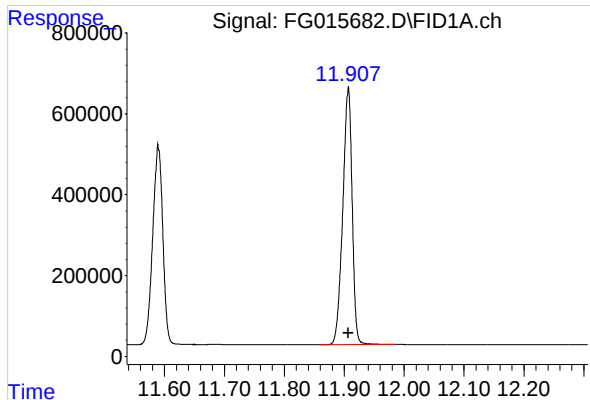
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: 0.000 min
Response: 5699508
Conc: 48.61 ug/ml



#8 n-Octadecane (C18)

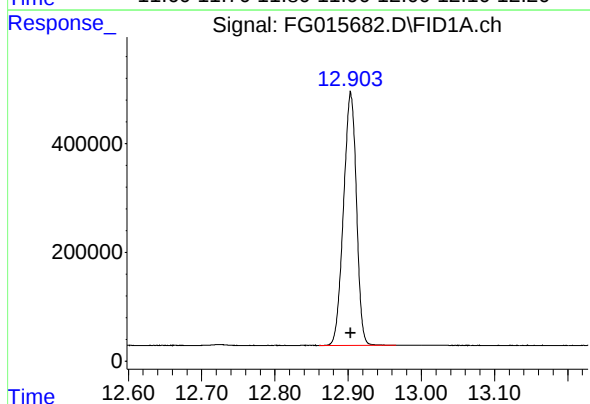
R.T.: 11.590 min
Delta R.T.: 0.000 min
Response: 5777603
Conc: 48.48 ug/ml



#9 ortho-Terphenyl (SURR)

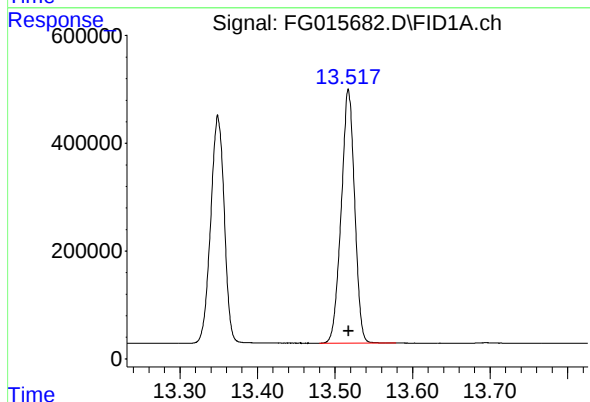
R.T.: 11.907 min
Delta R.T.: 0.000 min
Response: 6944637
Conc: 48.36 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



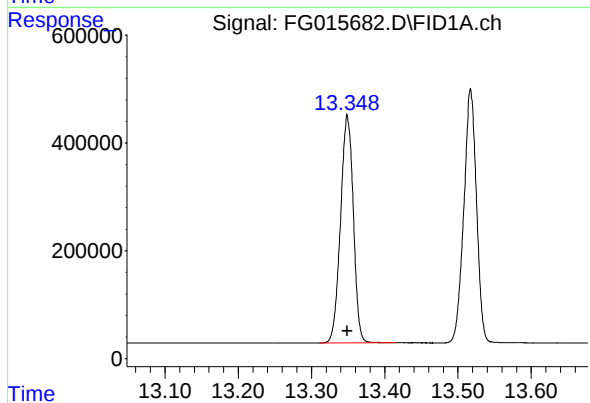
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 5702097
Conc: 48.31 ug/ml



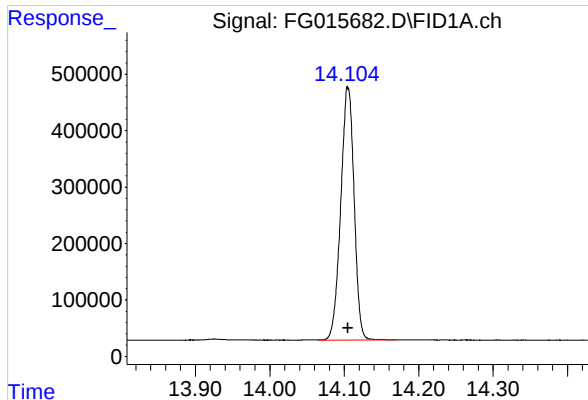
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: 0.000 min
Response: 5661018
Conc: 48.28 ug/ml



#12 1-chlorooctadecane (SURR)

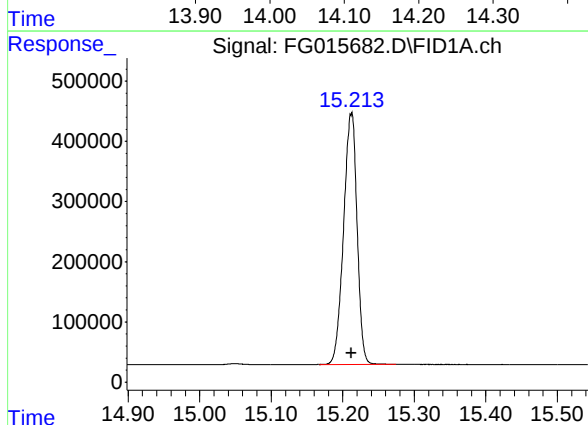
R.T.: 13.349 min
Delta R.T.: 0.000 min
Response: 5129455
Conc: 48.22 ug/ml



#13 n-Docosane (C22)

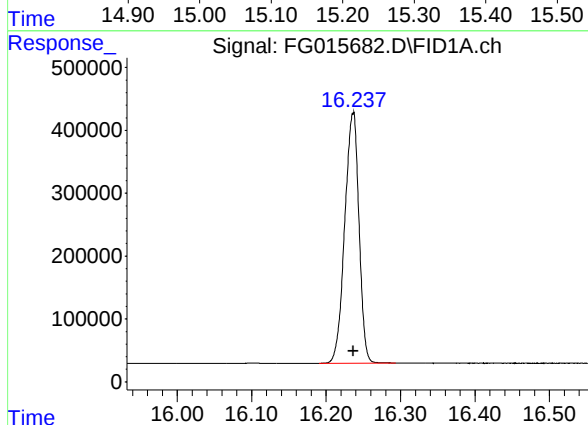
R.T.: 14.105 min
Delta R.T.: 0.000 min
Response: 5590457
Conc: 48.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



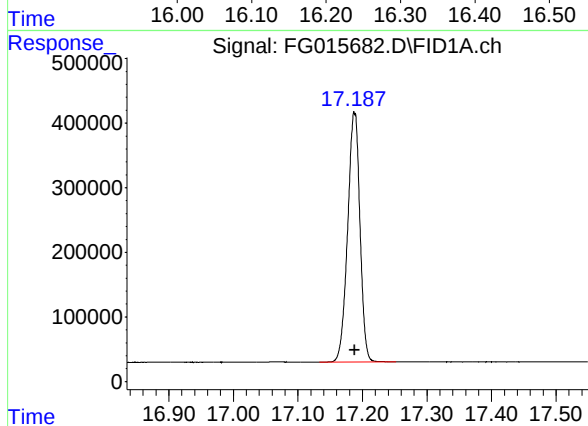
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 5472034
Conc: 48.17 ug/ml



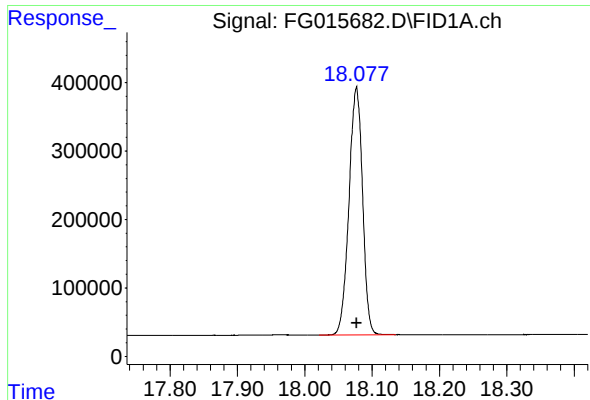
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: 0.000 min
Response: 5302439
Conc: 48.14 ug/ml



#16 n-Octacosane (C28)

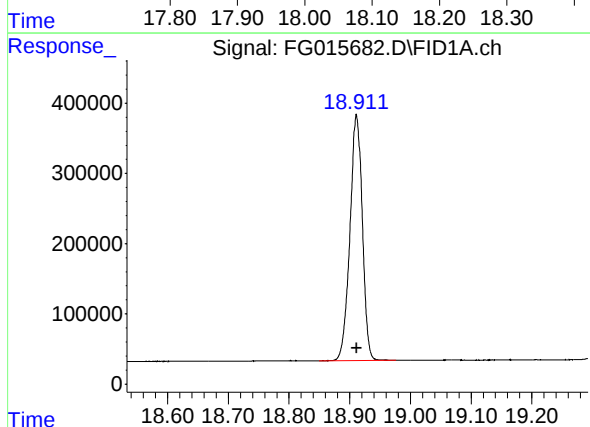
R.T.: 17.188 min
Delta R.T.: 0.000 min
Response: 5120714
Conc: 48.09 ug/ml



#17 n-Tricontane (C30)

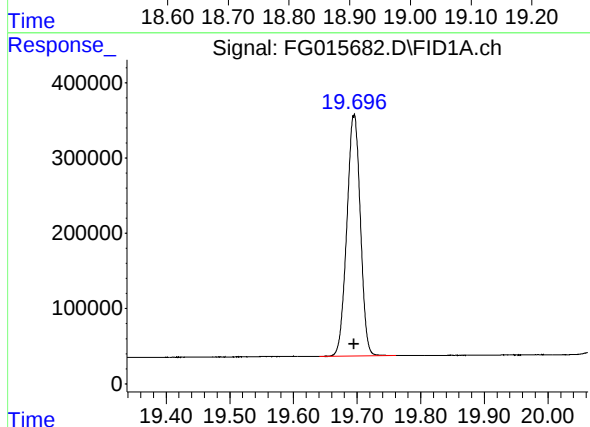
R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 5063434
Conc: 48.09 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



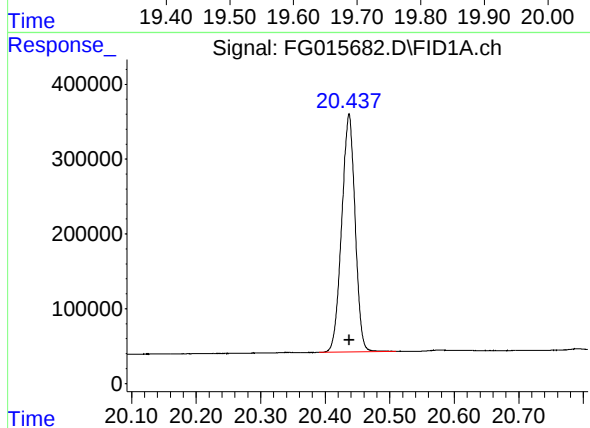
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.000 min
Response: 4965100
Conc: 48.08 ug/ml



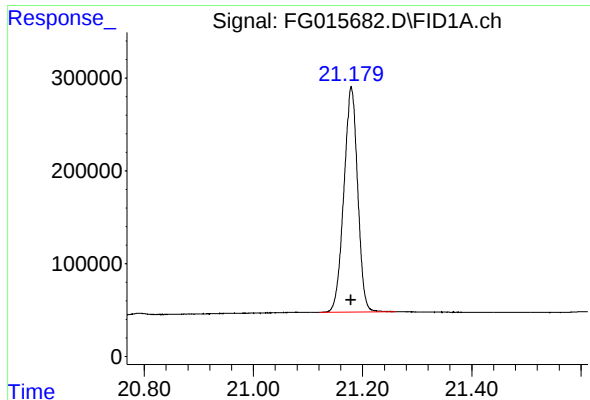
#19 n-Tetatriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 4732056
Conc: 48.23 ug/ml



#20 n-Hexatriacontane (C36)

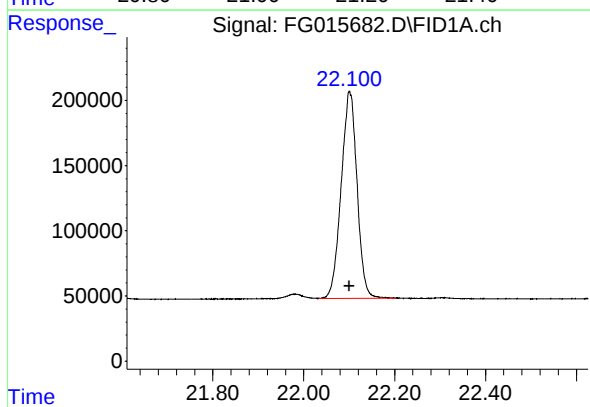
R.T.: 20.437 min
Delta R.T.: 0.000 min
Response: 4596996
Conc: 48.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: 0.000 min
Response: 4262251
Conc: 48.70 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: 0.000 min
Response: 3844920
Conc: 48.79 ug/ml