

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082222AL\
 Data File : FG010413.D
 Signal(s) : FID1A.ch
 Acq On : 22 Aug 2022 20:10
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 23 02:19:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 02:09:45 2022
 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)	10.677	777785	5.432 ug/ml
Spiked Amount 50.000		Recovery =	10.86%
12) S 1-chlorooctadecane (S...	12.128	622666	5.413 ug/ml
Spiked Amount 50.000		Recovery =	10.83%
Target Compounds			
1) T n-Nonane (C9)	2.564	645924	5.414 ug/ml
2) T n-Decane (C10)	3.561	645682	5.383 ug/ml
3) T A~Naphthalene (C11.7)	5.105	737337	5.321 ug/ml
4) T n-Dodecane (C12)	5.545	667406	5.383 ug/ml
5) T A~2-methylnaphthalene...	6.152	740556	5.269 ug/ml
6) T n-Tetradecane (C14)	7.336	690757	5.411 ug/ml
7) T n-Hexadecane (C16)	8.936	700496	5.417 ug/ml
8) T n-Octadecane (C18)	10.378	715162	5.443 ug/ml
10) T n-Eicosane (C20)	11.687	706517	5.459 ug/ml
11) T n-Heneicosane (C21)	12.300	703739	5.452 ug/ml
13) T n-Docosane (C22)	12.886	690706	5.429 ug/ml
14) T n-Tetracosane (C24)	13.991	687398	5.477 ug/ml
15) T n-Hexacosane (C26)	15.012	653697	5.414 ug/ml
16) T n-Octacosane (C28)	15.962	638235	5.419 ug/ml
17) T n-Tricontane (C30)	16.850	608021	5.459 ug/ml
18) T n-Dotriacontane (C32)	17.683	500702	5.515 ug/ml
19) T n-Tetratriacontane (C34)	18.467	369474	5.520 ug/ml
20) T n-Hexatriacontane (C36)	19.207	287404	5.569 ug/ml
21) T n-Octatriacontane (C38)	19.919	246135	5.473 ug/ml
22) T n-Tetracontane (C40)	20.758	228395	5.393 ug/ml

(f)=RT Delta > 1/2 Window

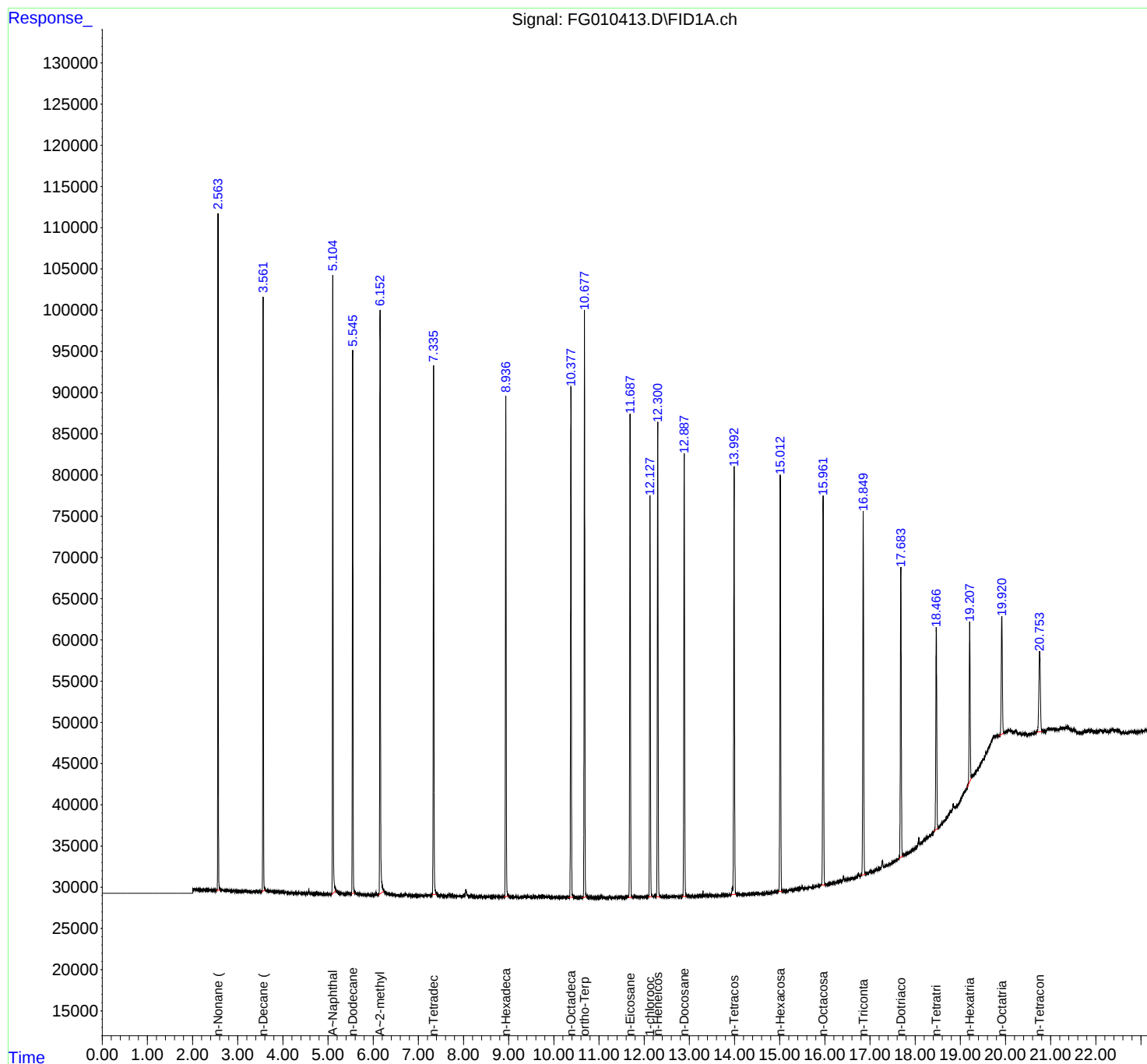
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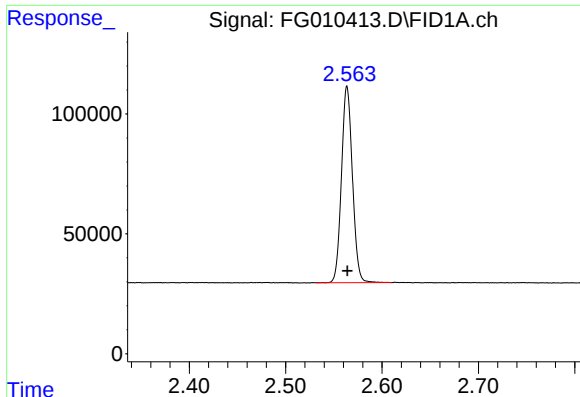
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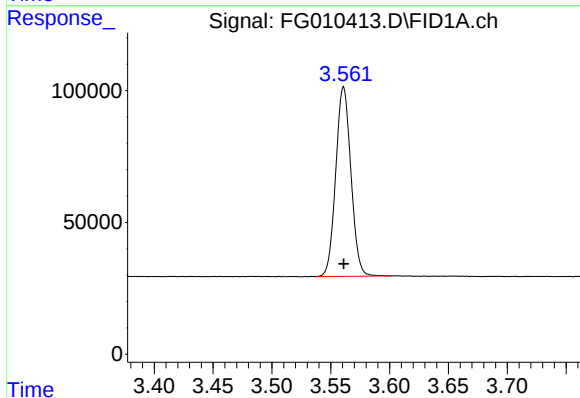




#1 n-Nonane (C9)

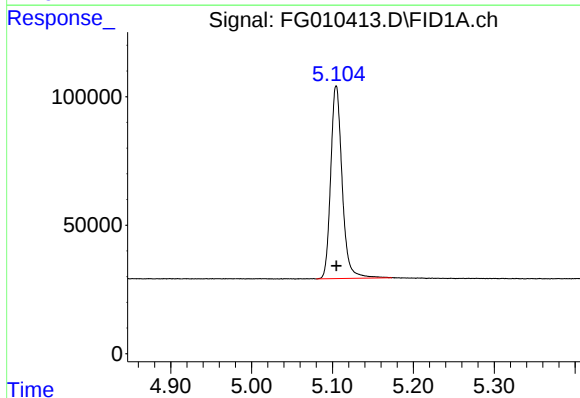
R.T.: 2.564 min
Delta R.T.: 0.000 min
Response: 645924
Conc: 5.41 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



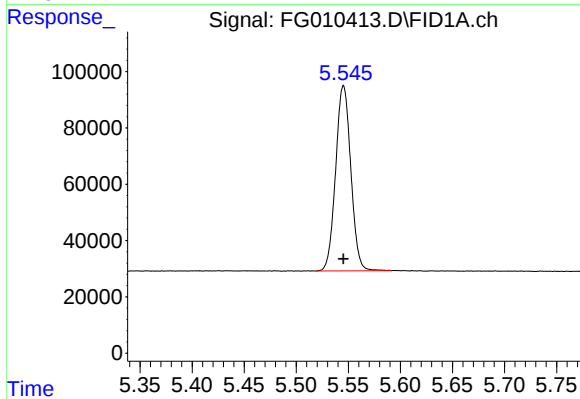
#2 n-Decane (C10)

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 645682
Conc: 5.38 ug/ml



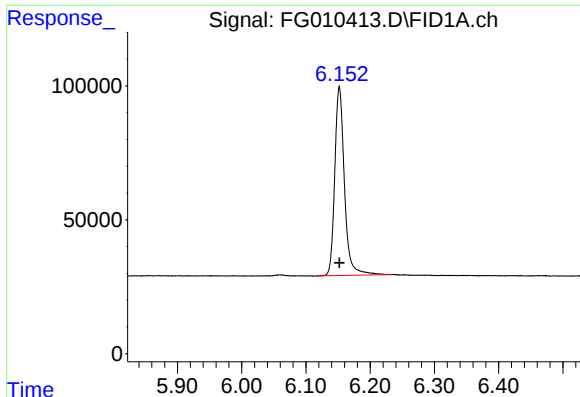
#3 A~Naphthalene (C11.7)

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 737337
Conc: 5.32 ug/ml



#4 n-Dodecane (C12)

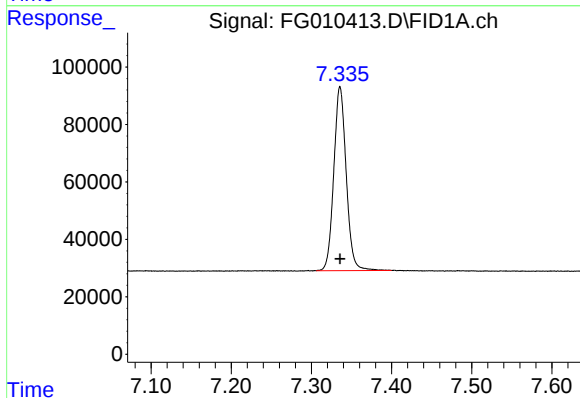
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 667406
Conc: 5.38 ug/ml



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

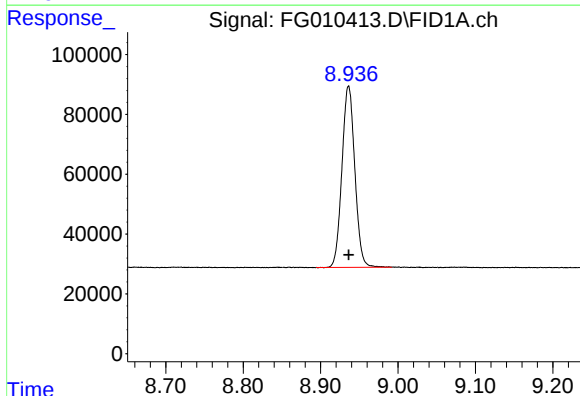
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 740556
Conc: 5.27 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



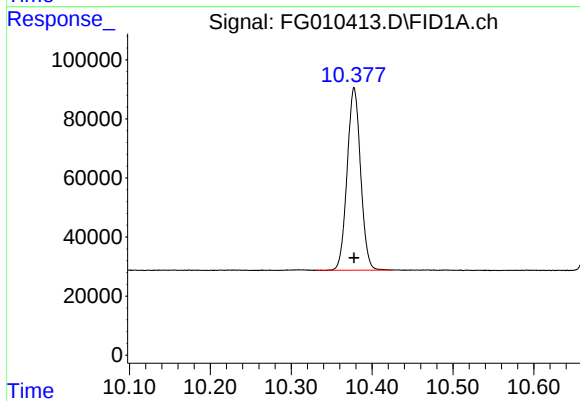
#6 n-Tetradecane (C14)

R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 690757
Conc: 5.41 ug/ml



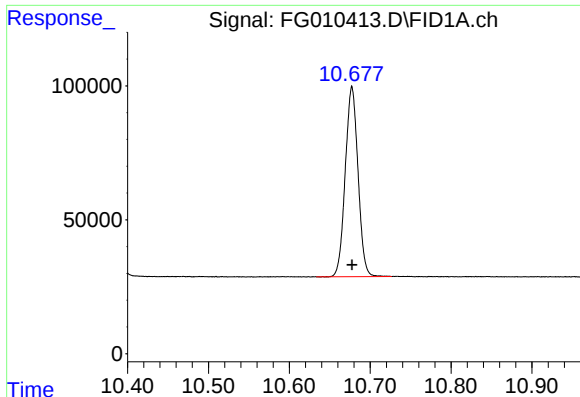
#7 n-Hexadecane (C16)

R.T.: 8.936 min
Delta R.T.: 0.000 min
Response: 700496
Conc: 5.42 ug/ml



#8 n-Octadecane (C18)

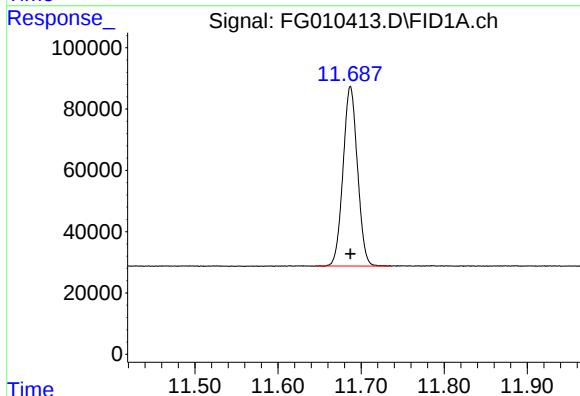
R.T.: 10.378 min
Delta R.T.: 0.000 min
Response: 715162
Conc: 5.44 ug/ml



#9 ortho-Terphenyl (SURR)

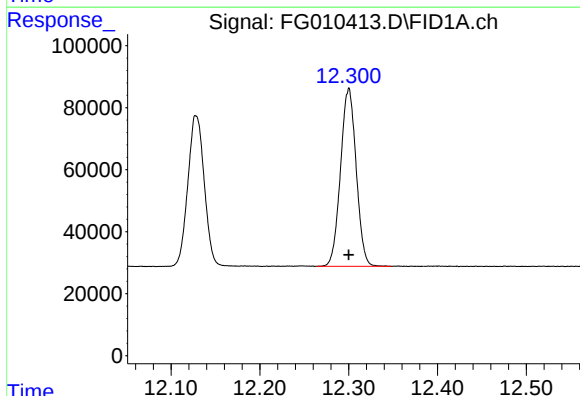
R.T.: 10.677 min
Delta R.T.: 0.000 min
Response: 777785
Conc: 5.43 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



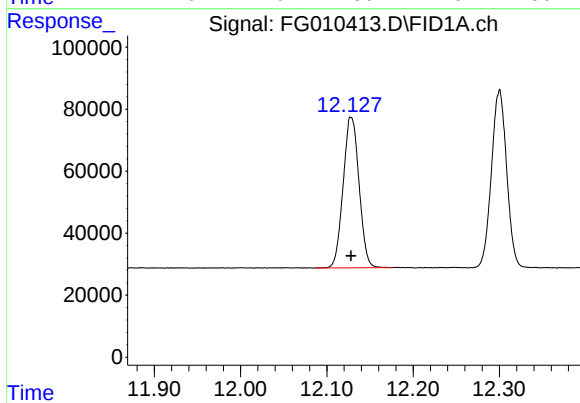
#10 n-Eicosane (C20)

R.T.: 11.687 min
Delta R.T.: 0.000 min
Response: 706517
Conc: 5.46 ug/ml



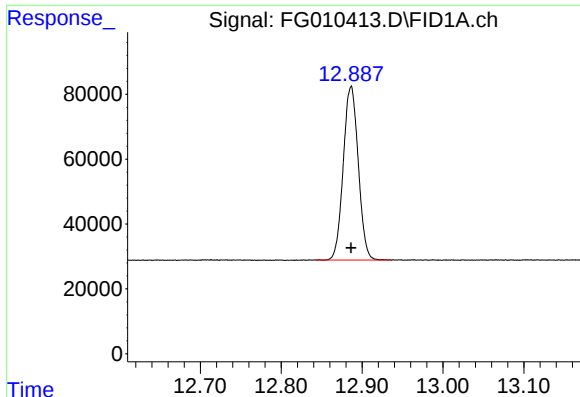
#11 n-Heneicosane (C21)

R.T.: 12.300 min
Delta R.T.: 0.000 min
Response: 703739
Conc: 5.45 ug/ml



#12 1-chlorooctadecane (SURR)

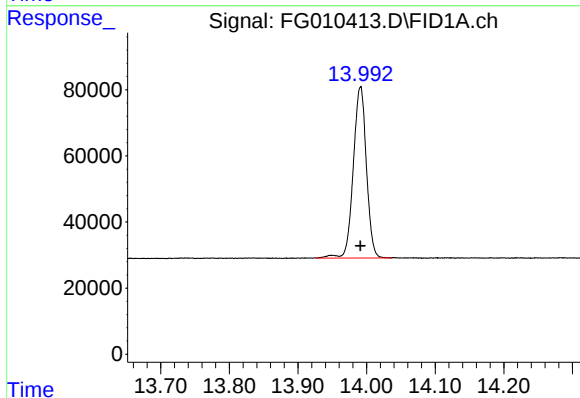
R.T.: 12.128 min
Delta R.T.: 0.000 min
Response: 622666
Conc: 5.41 ug/ml



#13 n-Docosane (C22)

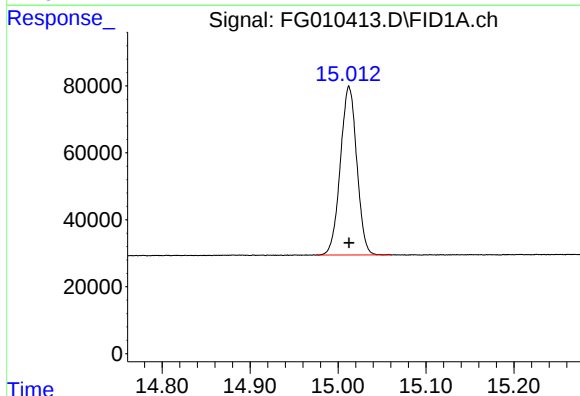
R.T.: 12.886 min
Delta R.T.: 0.000 min
Response: 690706
Conc: 5.43 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



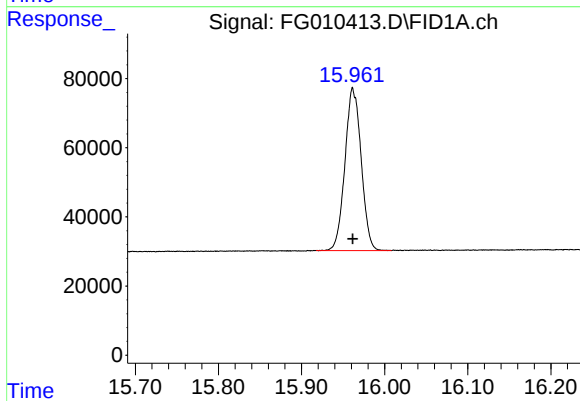
#14 n-Tetracosane (C24)

R.T.: 13.991 min
Delta R.T.: 0.000 min
Response: 687398
Conc: 5.48 ug/ml



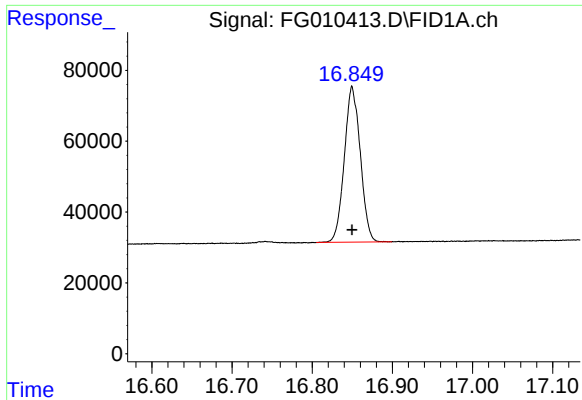
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: 0.000 min
Response: 653697
Conc: 5.41 ug/ml



#16 n-Octacosane (C28)

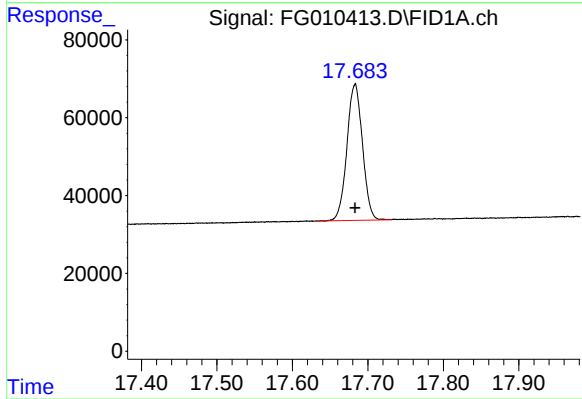
R.T.: 15.962 min
Delta R.T.: 0.000 min
Response: 638235
Conc: 5.42 ug/ml



#17 n-Tricontane (C30)

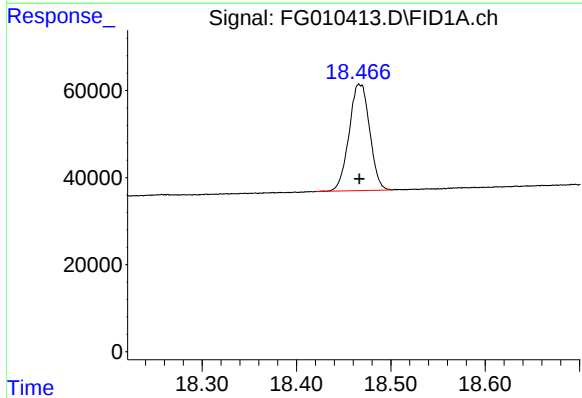
R.T.: 16.850 min
Delta R.T.: 0.000 min
Response: 608021
Conc: 5.46 ug/ml

Instrument :
FID_G
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5 PPM ALIPHATIC HC STD5



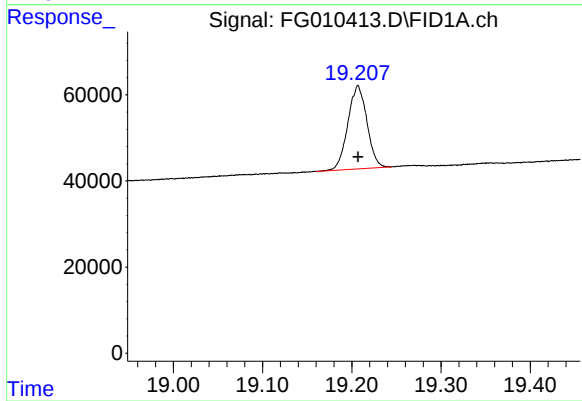
#18 n-Dotriacontane (C32)

R.T.: 17.683 min
Delta R.T.: 0.000 min
Response: 500702
Conc: 5.51 ug/ml



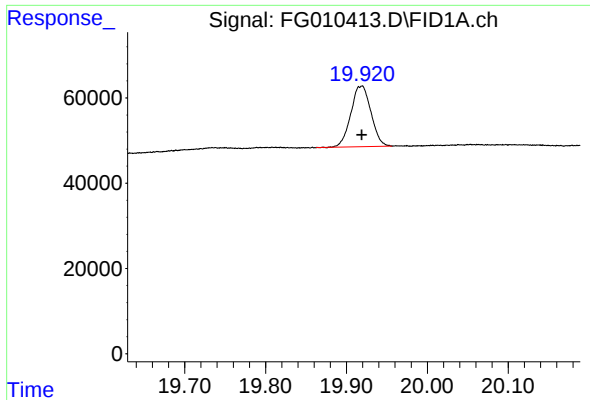
#19 n-Tetratriacontane (C34)

R.T.: 18.467 min
Delta R.T.: 0.000 min
Response: 369474
Conc: 5.52 ug/ml



#20 n-Hexatriacontane (C36)

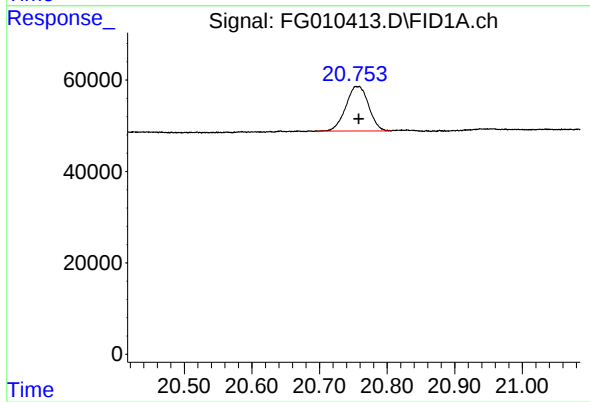
R.T.: 19.207 min
Delta R.T.: 0.000 min
Response: 287404
Conc: 5.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.919 min
Delta R.T.: 0.000 min
Response: 246135
Conc: 5.47 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 20.758 min
Delta R.T.: 0.000 min
Response: 228395
Conc: 5.39 ug/ml