

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015812.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 12:27
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 12 12:44:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:43:51 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)	11.894	727053	4.883 ug/ml
Spiked Amount 50.000		Recovery =	9.77%
12) S 1-chlorooctadecane (S...	13.340	563684	4.893 ug/ml
Spiked Amount 50.000		Recovery =	9.79%
Target Compounds			
1) T n-Nonane (C9)	3.243	536107	4.778 ug/ml
2) T n-Decane (C10)	4.500	537959	4.755 ug/ml
3) T A~Naphthalene (C11.7)	6.217	500900	4.284 ug/ml
4) T n-Dodecane (C12)	6.680	547840	4.754 ug/ml
5) T A~2-methylnaphthalene...	7.319	467175	4.090 ug/ml
6) T n-Tetradecane (C14)	8.516	547379	4.752 ug/ml
7) T n-Hexadecane (C16)	10.130	562402	4.755 ug/ml
8) T n-Octadecane (C18)	11.578	589123	4.846 ug/ml
10) T n-Eicosane (C20)	12.894	607268	4.955 ug/ml
11) T n-Heneicosane (C21)	13.507	609960	4.980 ug/ml
13) T n-Docosane (C22)	14.096	606356	4.977 ug/ml
14) T n-Tetracosane (C24)	15.202	606195	5.005 ug/ml
15) T n-Hexacosane (C26)	16.227	603362	5.040 ug/ml
16) T n-Octacosane (C28)	17.179	604215	5.124 ug/ml
17) T n-Tricontane (C30)	18.069	621666	5.232 ug/ml
18) T n-Dotriacontane (C32)	18.904	631069	5.343 ug/ml
19) T n-Tetratriacontane (C34)	19.688	581348	5.206 ug/ml
20) T n-Hexatriacontane (C36)	20.431	548987	5.077 ug/ml
21) T n-Octatriacontane (C38)	21.168	543362	5.231 ug/ml
22) T n-Tetracontane (C40)	22.090	573718	5.626 ug/ml

(f)=RT Delta > 1/2 Window

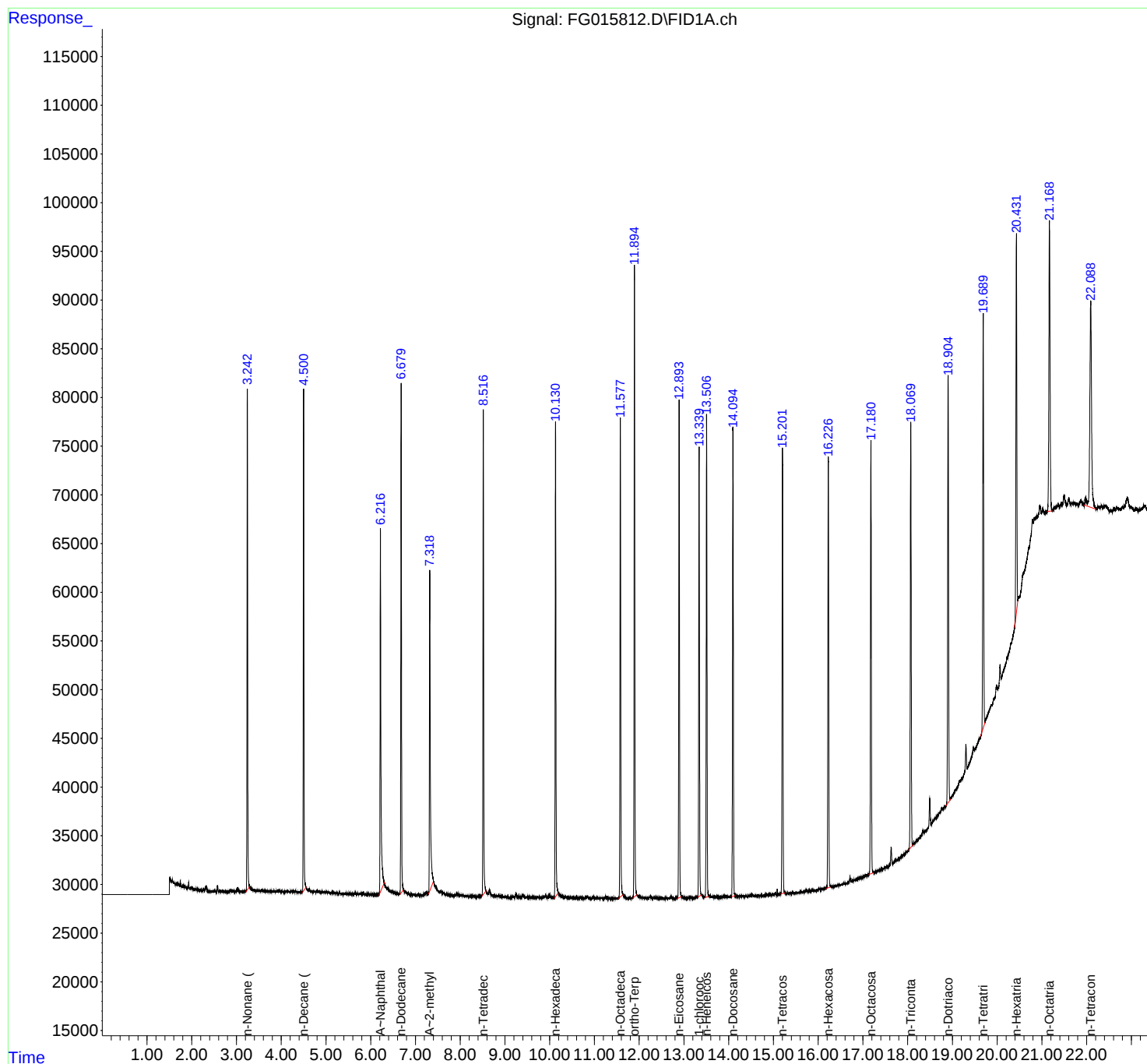
(m)=manual int.

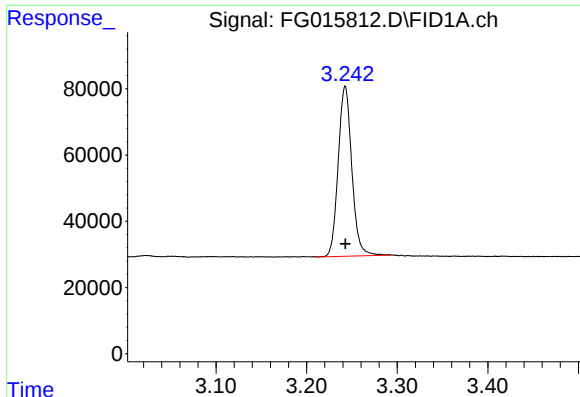
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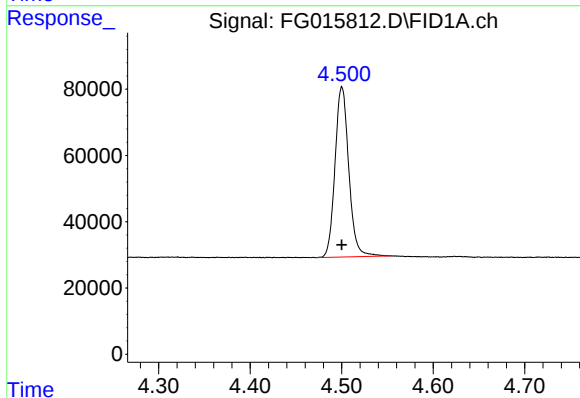




#1 n-Nonane (C9)

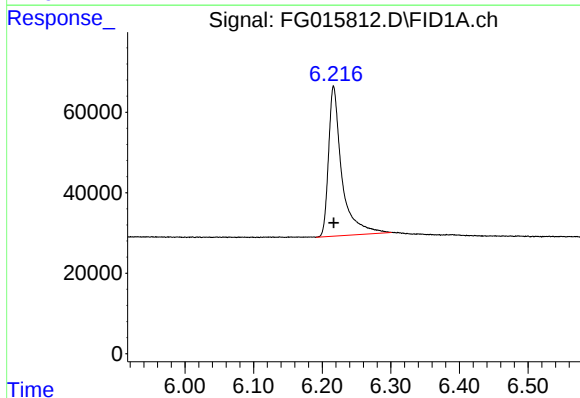
R.T.: 3.243 min
Delta R.T.: 0.000 min
Response: 536107
Conc: 4.78 ug/ml

Instrument :
FID_G
ClientSampleId :



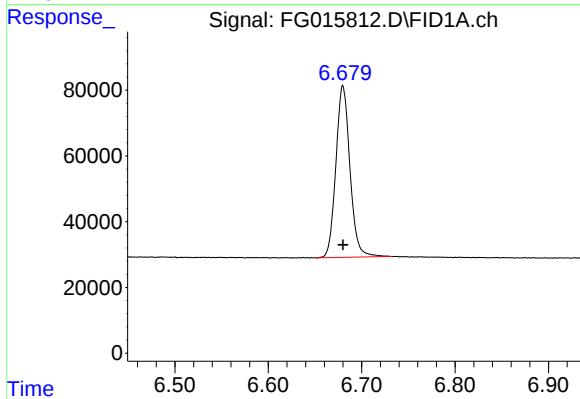
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 537959
Conc: 4.75 ug/ml



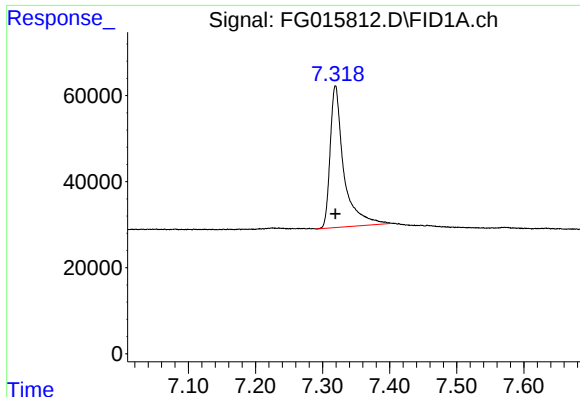
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 500900
Conc: 4.28 ug/ml



#4 n-Dodecane (C12)

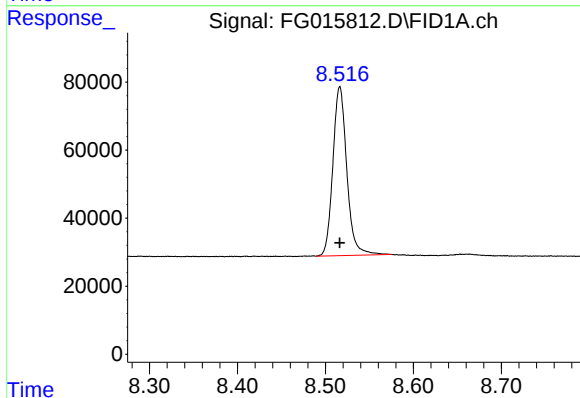
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 547840
Conc: 4.75 ug/ml



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

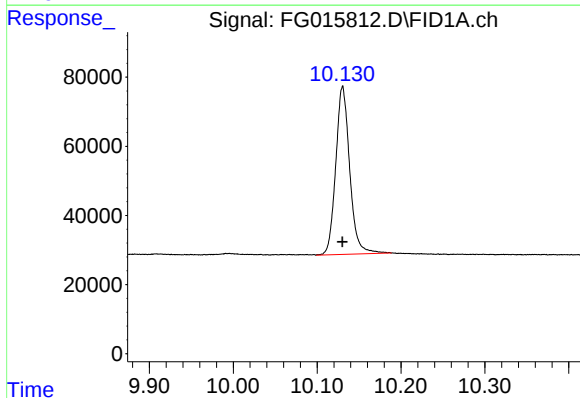
R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 467175
Conc: 4.09 ug/ml

Instrument :
FID_G
ClientSampleId :



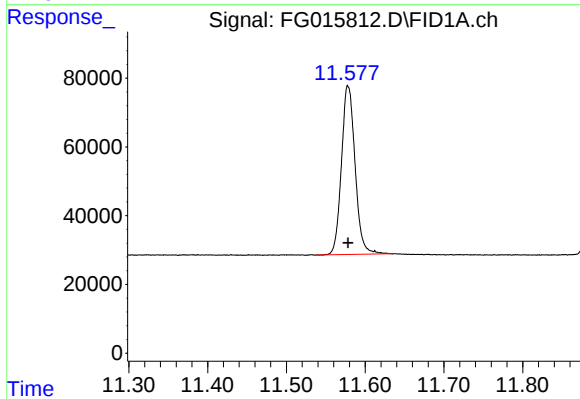
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 547379
Conc: 4.75 ug/ml



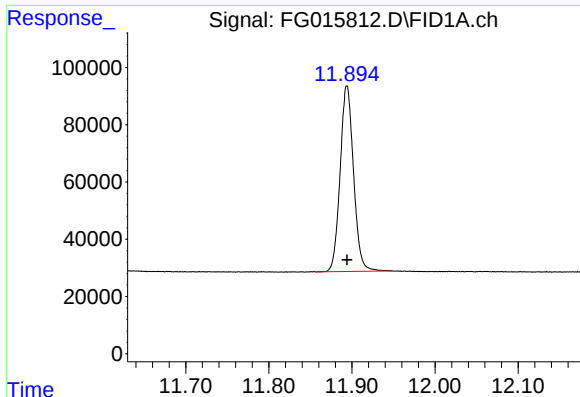
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: 0.000 min
Response: 562402
Conc: 4.76 ug/ml



#8 n-Octadecane (C18)

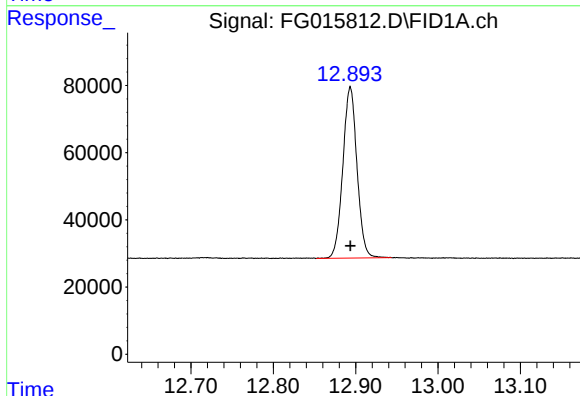
R.T.: 11.578 min
Delta R.T.: 0.000 min
Response: 589123
Conc: 4.85 ug/ml



#9 ortho-Terphenyl (SURR)

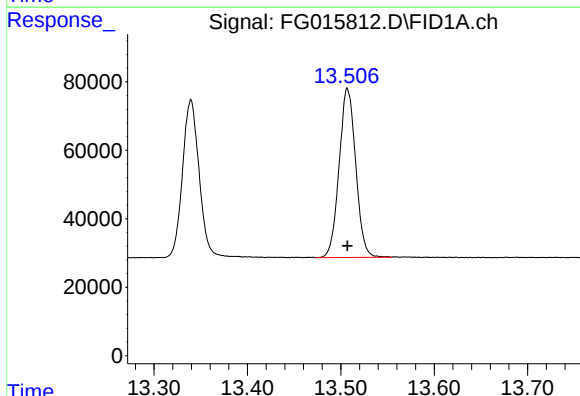
R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 727053
Conc: 4.88 ug/ml

Instrument :
FID_G
ClientSampleId :



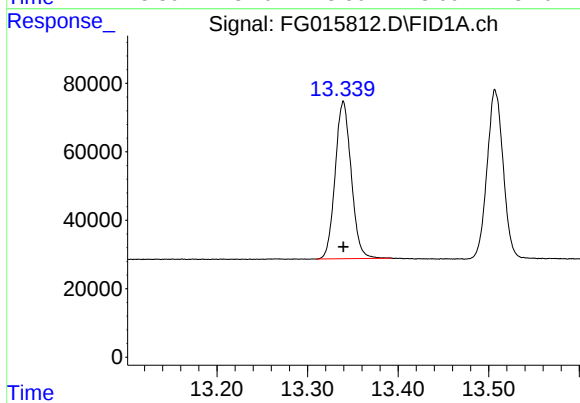
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 607268
Conc: 4.96 ug/ml



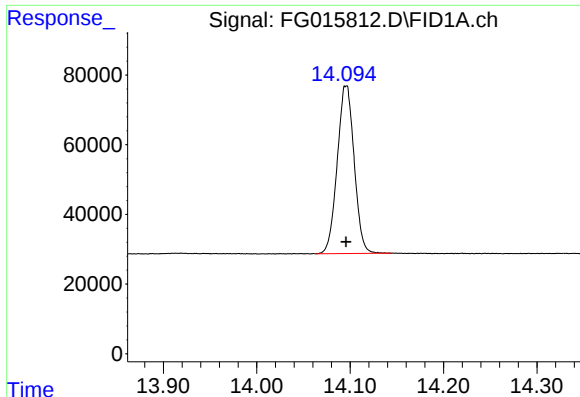
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 609960
Conc: 4.98 ug/ml



#12 1-chlorooctadecane (SURR)

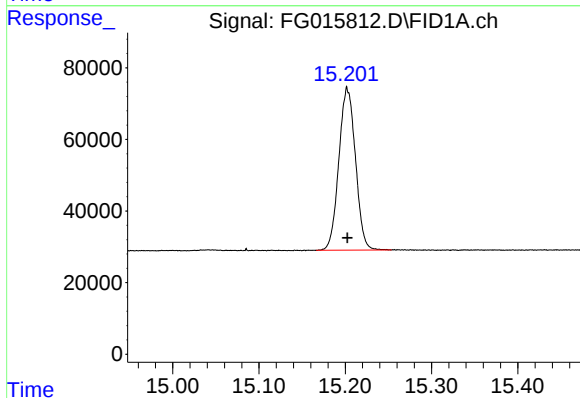
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 563684
Conc: 4.89 ug/ml



#13 n-Docosane (C22)

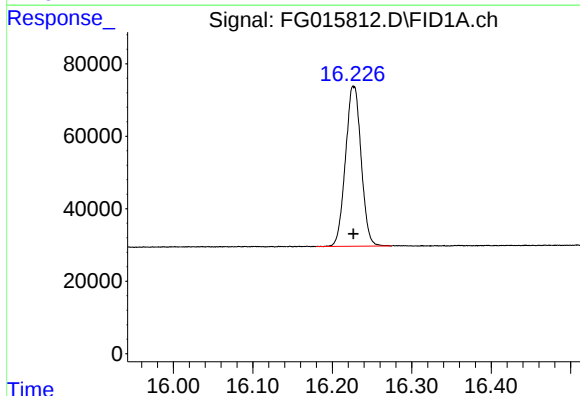
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 606356
Conc: 4.98 ug/ml

Instrument :
FID_G
ClientSampleId :



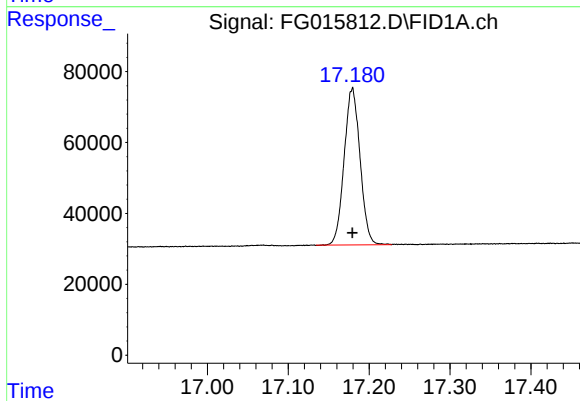
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 606195
Conc: 5.00 ug/ml



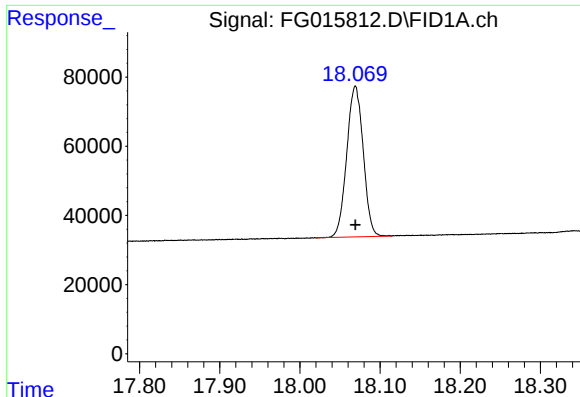
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: 0.000 min
Response: 603362
Conc: 5.04 ug/ml



#16 n-Octacosane (C28)

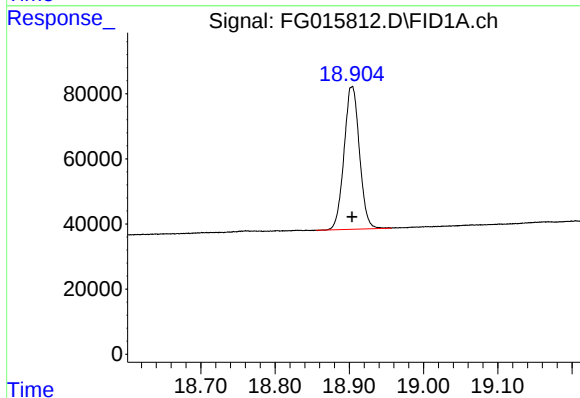
R.T.: 17.179 min
Delta R.T.: 0.000 min
Response: 604215
Conc: 5.12 ug/ml



#17 n-Tricontane (C30)

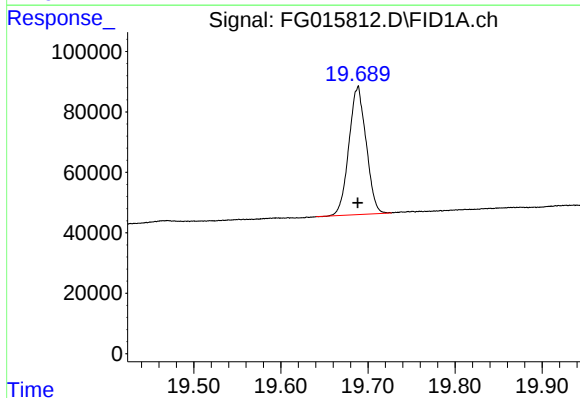
R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 621666
Conc: 5.23 ug/ml

Instrument :
FID_G
ClientSampleId :



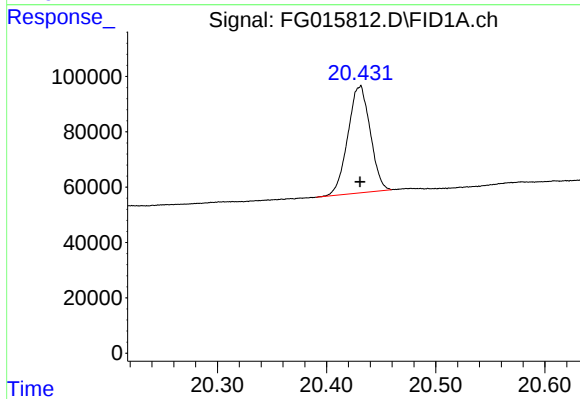
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.000 min
Response: 631069
Conc: 5.34 ug/ml



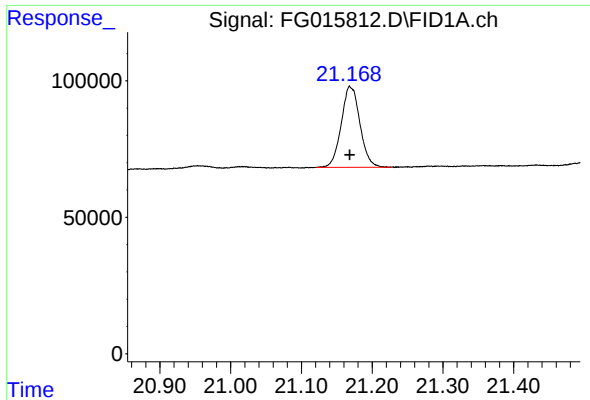
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 581348
Conc: 5.21 ug/ml



#20 n-Hexatriacontane (C36)

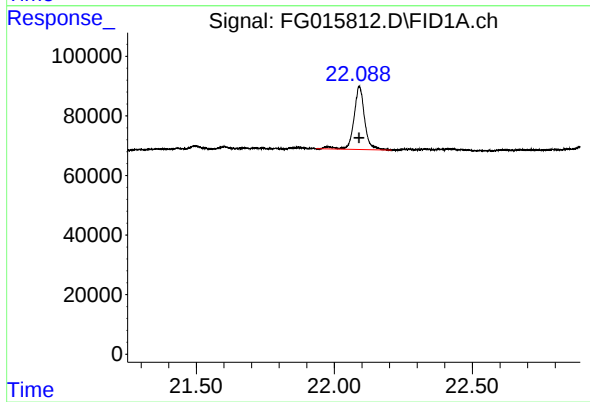
R.T.: 20.431 min
Delta R.T.: 0.000 min
Response: 548987
Conc: 5.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.000 min
Response: 543362
Conc: 5.23 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.090 min
Delta R.T.: 0.000 min
Response: 573718
Conc: 5.63 ug/ml