

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041825AL\
 Data File : FG015707.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 16:35
 Operator : YP\AJ
 Sample : Q1829-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LP5729MS

Integration File: autoint1.e
 Quant Time: Apr 19 01:55:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:40:13 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)	11.903	3543896	24.445 ug/ml
Spiked Amount 50.000		Recovery =	48.89%
12) S 1-chlorooctadecane (S...	13.348	3074742	29.076 ug/ml
Spiked Amount 50.000		Recovery =	58.15%
Target Compounds			
1) T n-Nonane (C9)	3.249	2641521	23.638 ug/ml
2) T n-Decane (C10)	4.509	2923720	26.073 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3476742	29.967 ug/ml
4) T n-Dodecane (C12)	6.689	3186198	27.867 ug/ml
5) T A~2-methylnaphthalene...	7.323	3264184	29.321 ug/ml
6) T n-Tetradecane (C14)	8.526	3600540	31.596 ug/ml
7) T n-Hexadecane (C16)	10.139	3856604	32.982 ug/ml
8) T n-Octadecane (C18)	11.587	3986649	33.328 ug/ml
10) T n-Eicosane (C20)	12.902	4418065	37.128 ug/ml
11) T n-Heneicosane (C21)	13.516	4143655	35.032 ug/ml
13) T n-Docosane (C22)	14.105	4370919	37.481 ug/ml
14) T n-Tetracosane (C24)	15.199	8765925	76.062 ug/ml
15) T n-Hexacosane (C26)	16.237	3959265	35.455 ug/ml
16) T n-Octacosane (C28)	17.189	4177110	38.382 ug/ml
17) T n-Tricontane (C30)	18.079	3902181	35.825 ug/ml
18) T n-Dotriacontane (C32)	18.913	3550360	33.001 ug/ml
19) T n-Tetratriacontane (C34)	19.696	3400505	33.374 ug/ml
20) T n-Hexatriacontane (C36)	20.438	3144982	32.151 ug/ml
21) T n-Octatriacontane (C38)	21.180	3138963	34.390 ug/ml
22) T n-Tetracontane (C40)	22.105	3173649	37.579 ug/ml

(f)=RT Delta > 1/2 Window

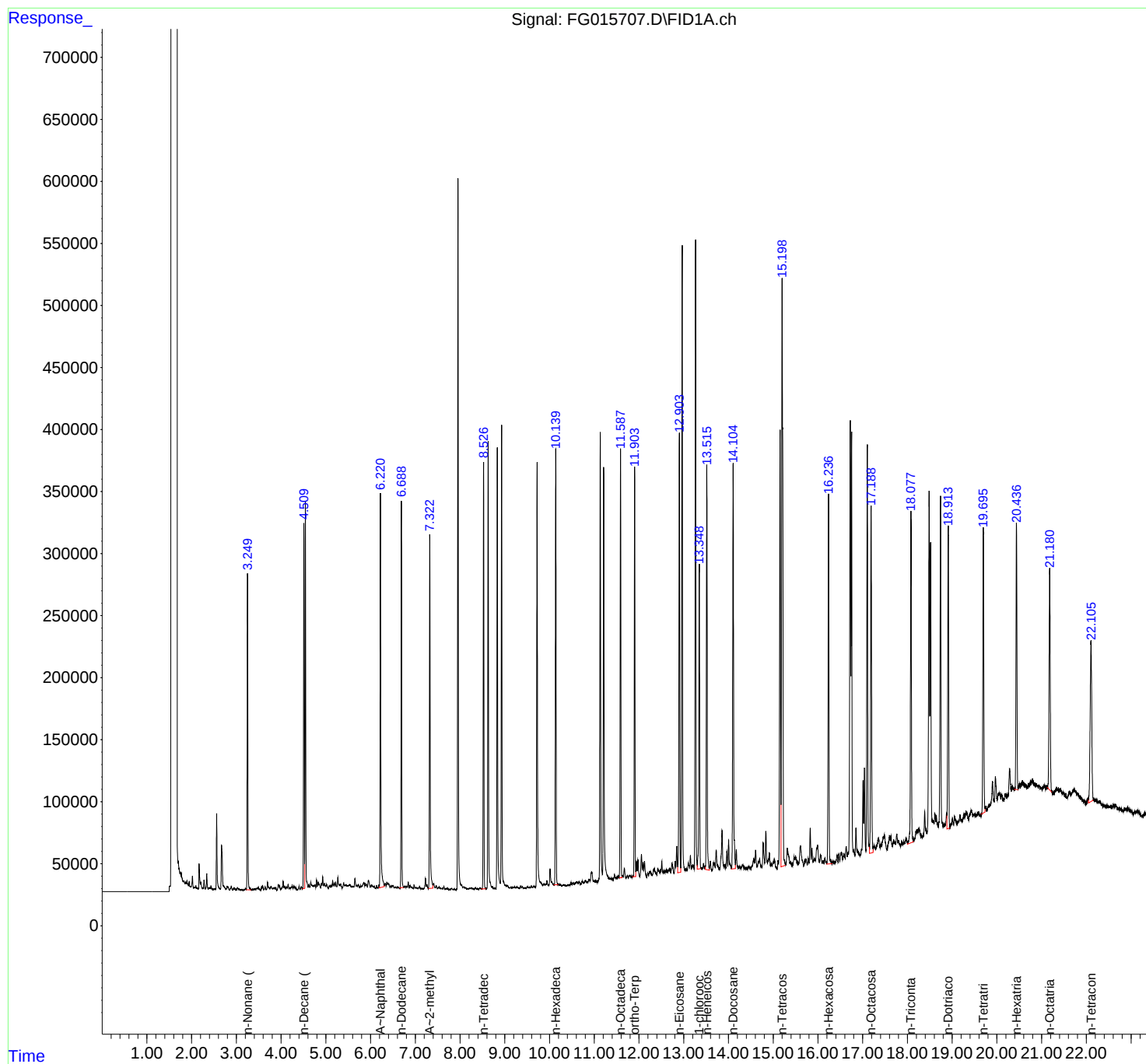
(m)=manual int.

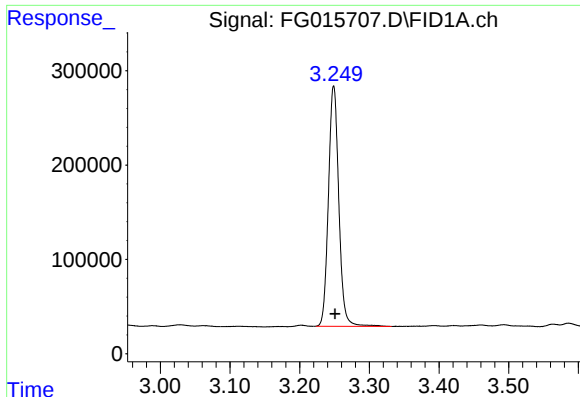
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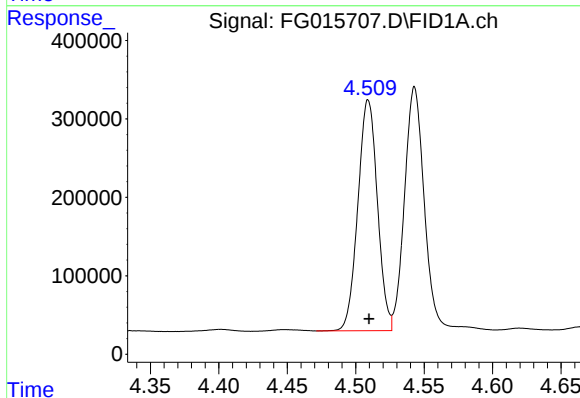




#1 n-Nonane (C9)

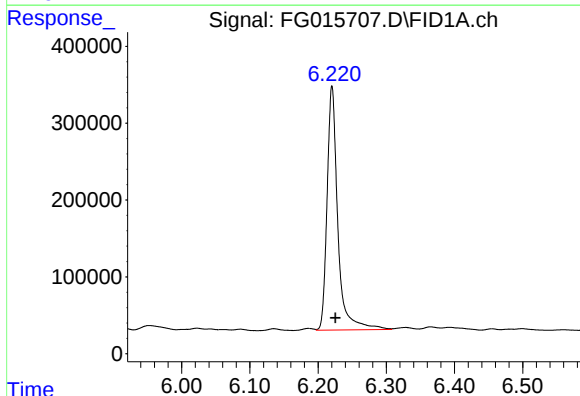
R.T.: 3.249 min
Delta R.T.: -0.002 min
Response: 2641521
Conc: 23.64 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MS



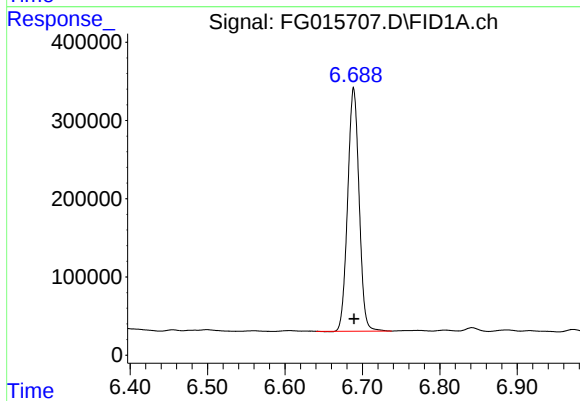
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 2923720
Conc: 26.07 ug/ml



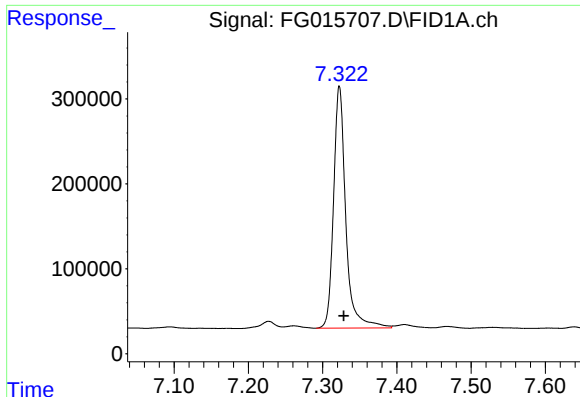
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.005 min
Response: 3476742
Conc: 29.97 ug/ml



#4 n-Dodecane (C12)

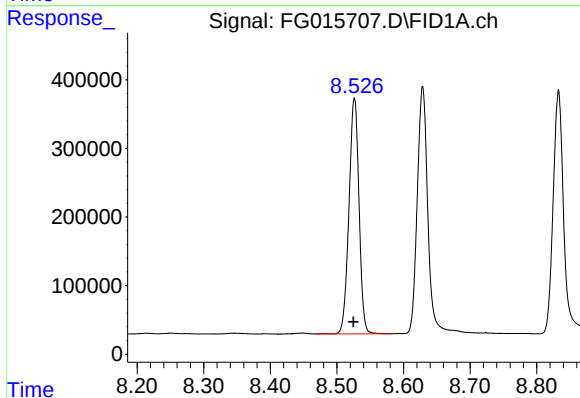
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 3186198
Conc: 27.87 ug/ml



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

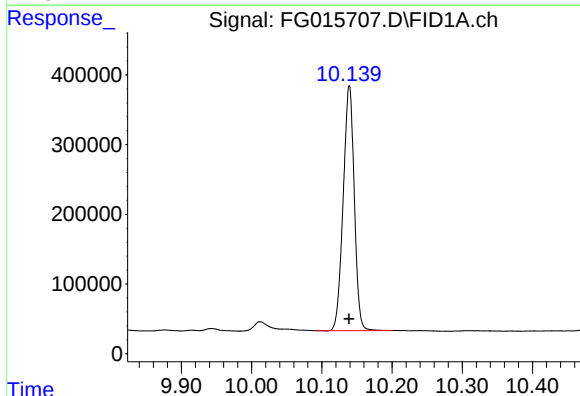
R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 3264184
Conc: 29.32 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MS



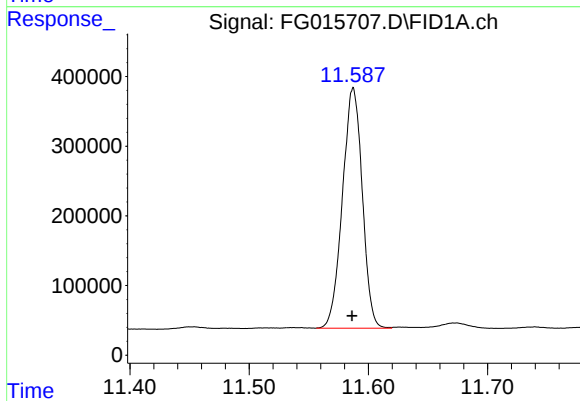
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: 0.001 min
Response: 3600540
Conc: 31.60 ug/ml



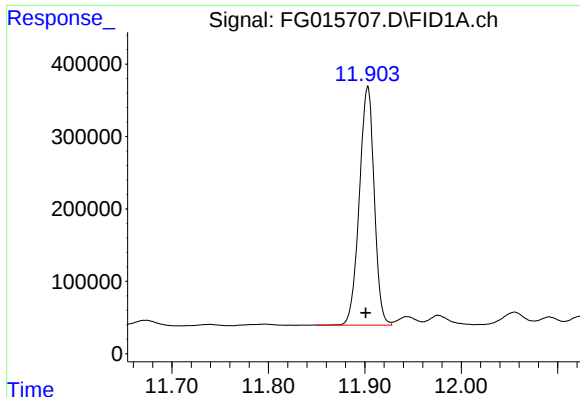
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 3856604
Conc: 32.98 ug/ml



#8 n-Octadecane (C18)

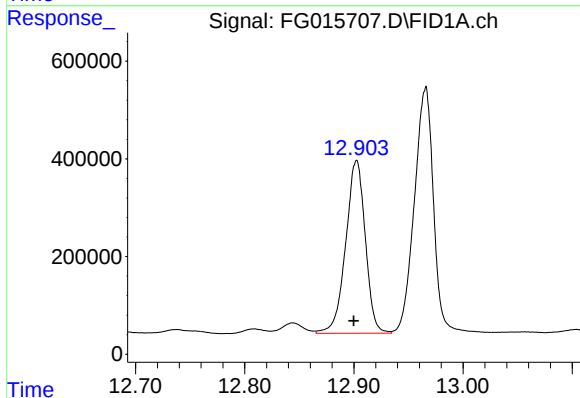
R.T.: 11.587 min
Delta R.T.: 0.001 min
Response: 3986649
Conc: 33.33 ug/ml



#9 ortho-Terphenyl (SURR)

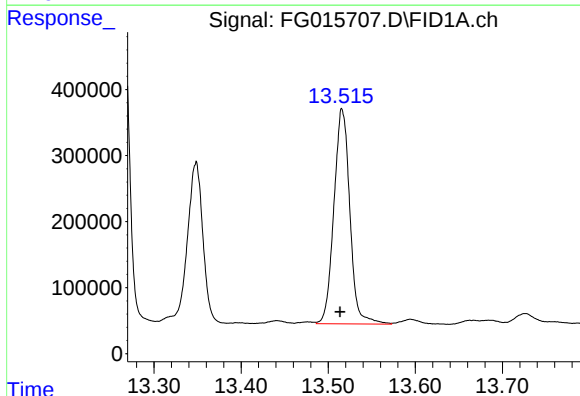
R.T.: 11.903 min
Delta R.T.: 0.002 min
Response: 3543896
Conc: 24.44 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MS



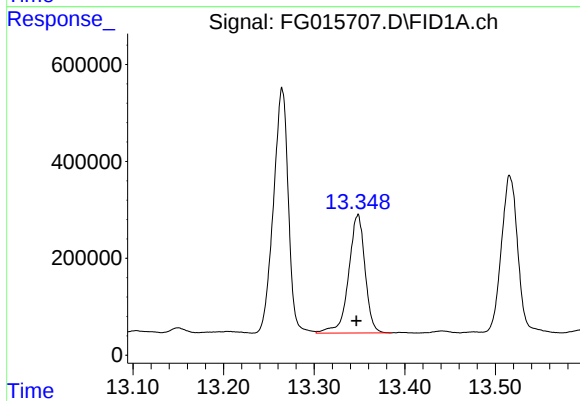
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: 0.003 min
Response: 4418065
Conc: 37.13 ug/ml



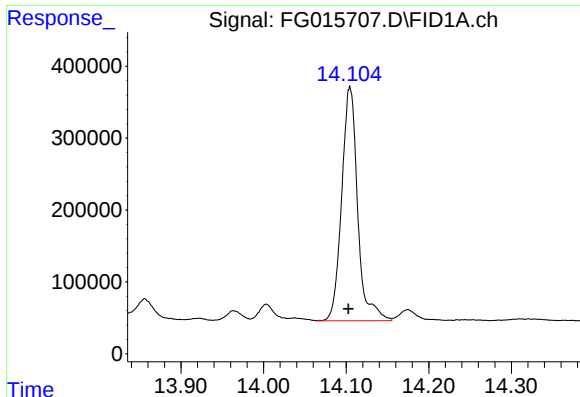
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: 0.002 min
Response: 4143655
Conc: 35.03 ug/ml



#12 1-chlorooctadecane (SURR)

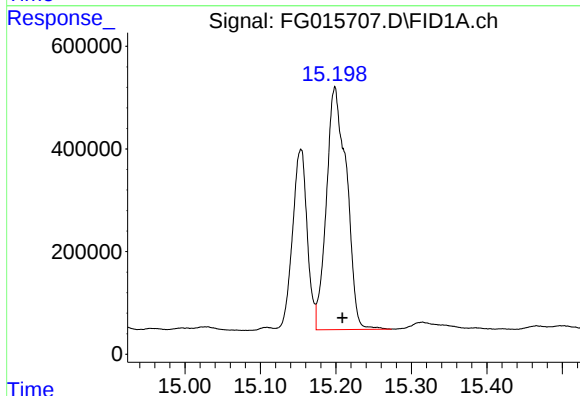
R.T.: 13.348 min
Delta R.T.: 0.002 min
Response: 3074742
Conc: 29.08 ug/ml



#13 n-Docosane (C22)

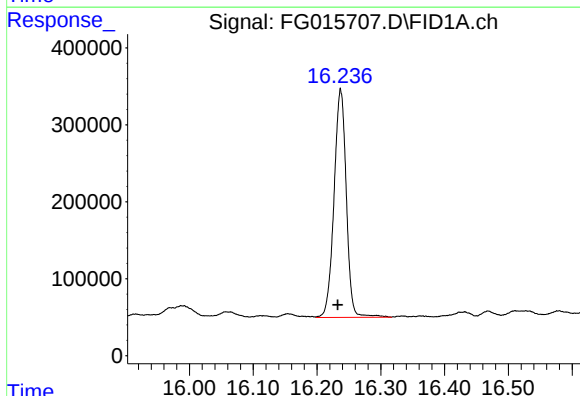
R.T.: 14.105 min
Delta R.T.: 0.002 min
Response: 4370919
Conc: 37.48 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MS



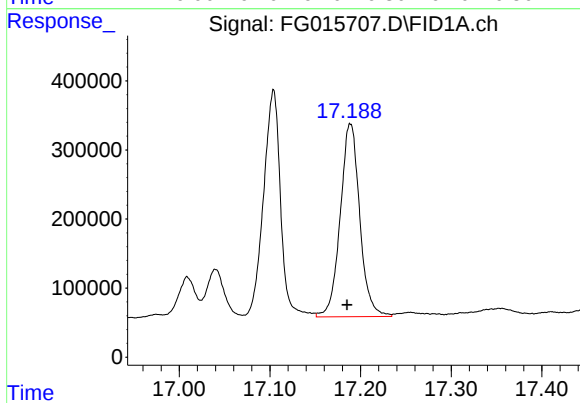
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.010 min
Response: 8765925
Conc: 76.06 ug/ml



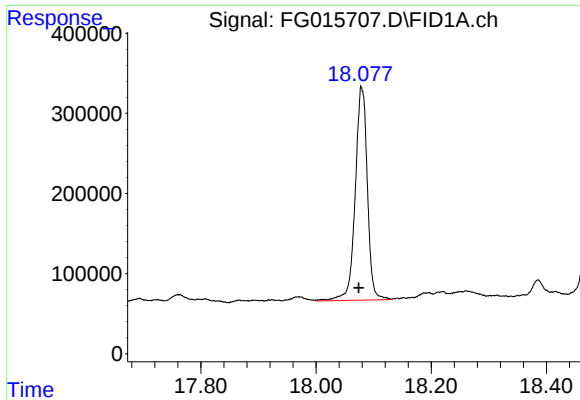
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: 0.004 min
Response: 3959265
Conc: 35.45 ug/ml



#16 n-Octacosane (C28)

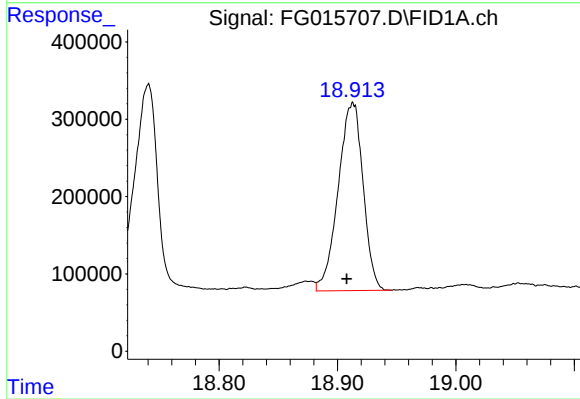
R.T.: 17.189 min
Delta R.T.: 0.004 min
Response: 4177110
Conc: 38.38 ug/ml



#17 n-Tricontane (C30)

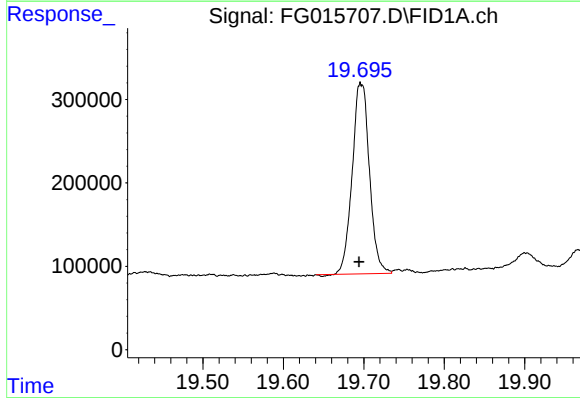
R.T.: 18.079 min
Delta R.T.: 0.005 min
Response: 3902181
Conc: 35.83 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MS



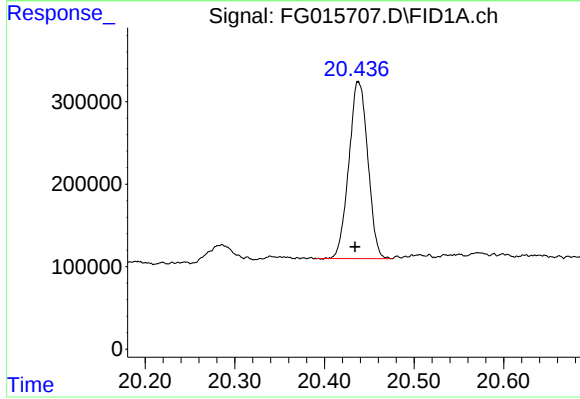
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: 0.005 min
Response: 3550360
Conc: 33.00 ug/ml



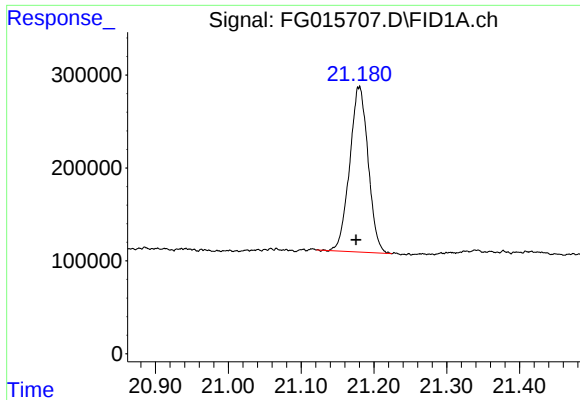
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: 0.002 min
Response: 3400505
Conc: 33.37 ug/ml



#20 n-Hexatriacontane (C36)

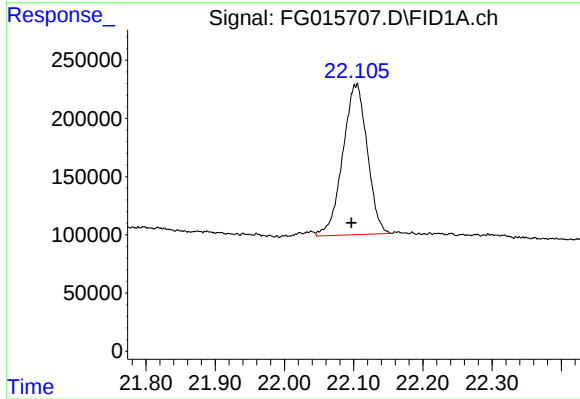
R.T.: 20.438 min
Delta R.T.: 0.004 min
Response: 3144982
Conc: 32.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: 0.004 min
Response: 3138963
Conc: 34.39 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MS



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.008 min
Response: 3173649
Conc: 37.58 ug/ml