

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041825AL\
 Data File : FG015708.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 17:05
 Operator : YP\AJ
 Sample : Q1829-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LP5729MSD

Integration File: autoint1.e
 Quant Time: Apr 19 01:56:16 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)	11.904	3678368	25.373 ug/ml
Spiked Amount 50.000		Recovery =	50.75%
12) S 1-chlorooctadecane (S...	13.348	3310156	31.302 ug/ml
Spiked Amount 50.000		Recovery =	62.60%
Target Compounds			
1) T n-Nonane (C9)	3.249	2748801	24.598 ug/ml
2) T n-Decane (C10)	4.509	3042690	27.134 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3611981	31.132 ug/ml
4) T n-Dodecane (C12)	6.689	3333886	29.159 ug/ml
5) T A~2-methylnaphthalene...	7.323	3405103	30.587 ug/ml
6) T n-Tetradecane (C14)	8.527	3742201	32.839 ug/ml
7) T n-Hexadecane (C16)	10.139	4039686	34.548 ug/ml
8) T n-Octadecane (C18)	11.589	4172163	34.879 ug/ml
10) T n-Eicosane (C20)	12.904	4623371	38.853 ug/ml
11) T n-Heneicosane (C21)	13.517	4359111	36.854 ug/ml
13) T n-Docosane (C22)	14.105	4525015	38.803 ug/ml
14) T n-Tetracosane (C24)	15.200	9083963	78.821 ug/ml
15) T n-Hexacosane (C26)	16.238	4082981	36.562 ug/ml
16) T n-Octacosane (C28)	17.190	4374534	40.196 ug/ml
17) T n-Tricontane (C30)	18.080	3969663	36.445 ug/ml
18) T n-Dotriacontane (C32)	18.914	3702673	34.417 ug/ml
19) T n-Tetratriacontane (C34)	19.699	3589043	35.224 ug/ml
20) T n-Hexatriacontane (C36)	20.441	3300697	33.742 ug/ml
21) T n-Octatriacontane (C38)	21.184	3244140	35.542 ug/ml
22) T n-Tetracontane (C40)	22.106	3393595	40.183 ug/ml

(f)=RT Delta > 1/2 Window

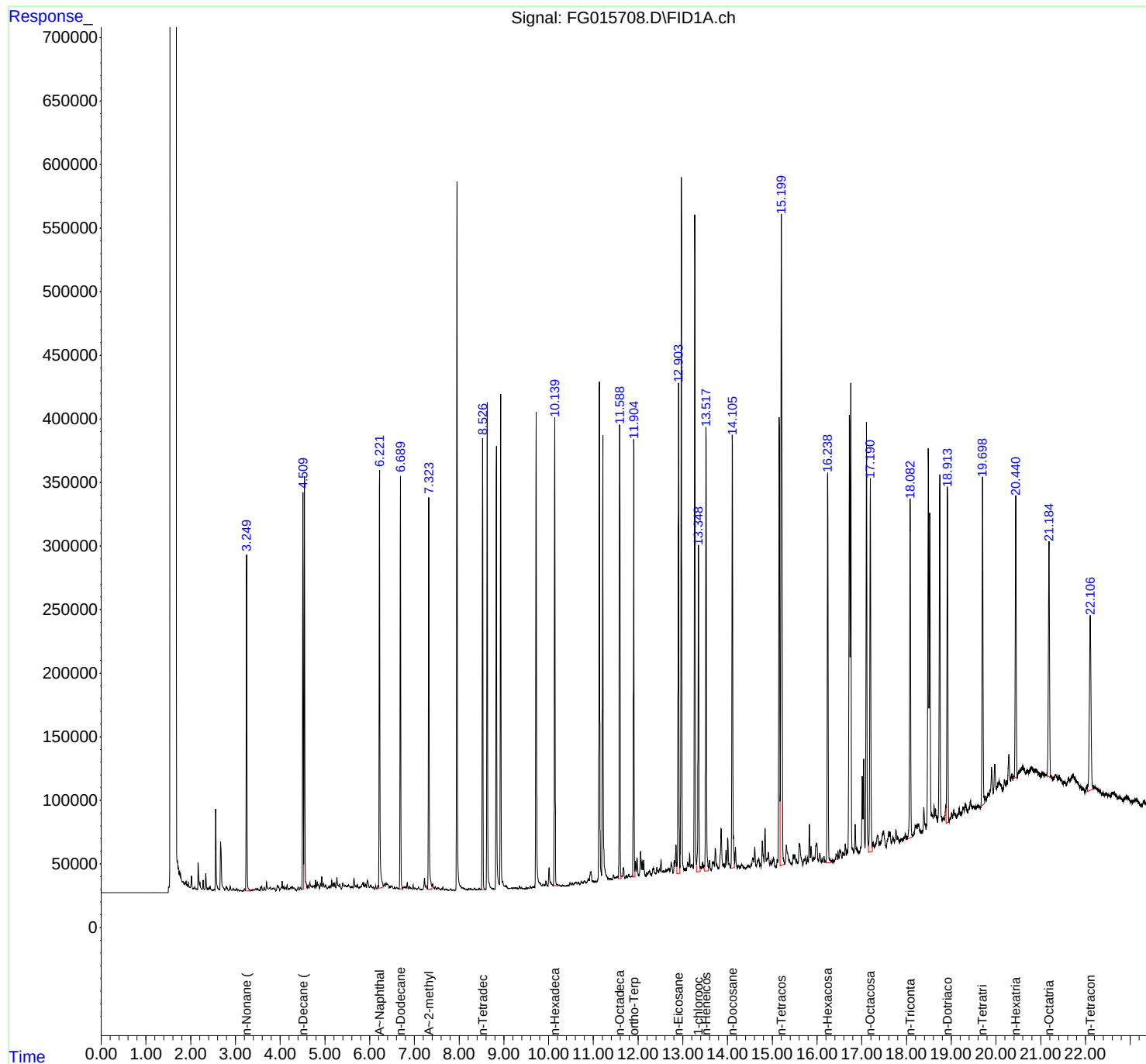
(m)=manual int.

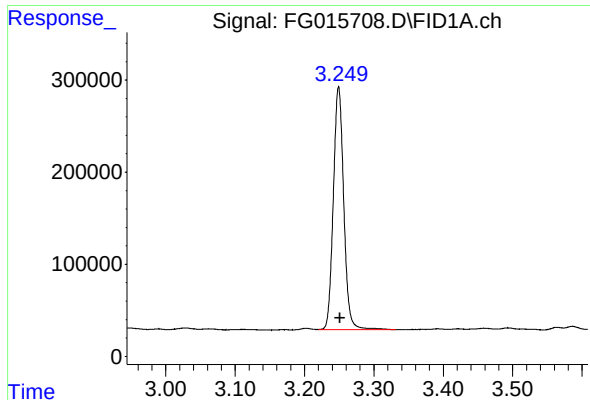
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041825AL\
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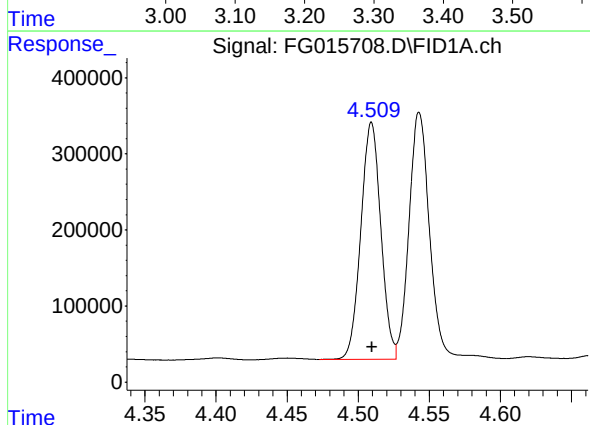




#1 n-Nonane (C9)

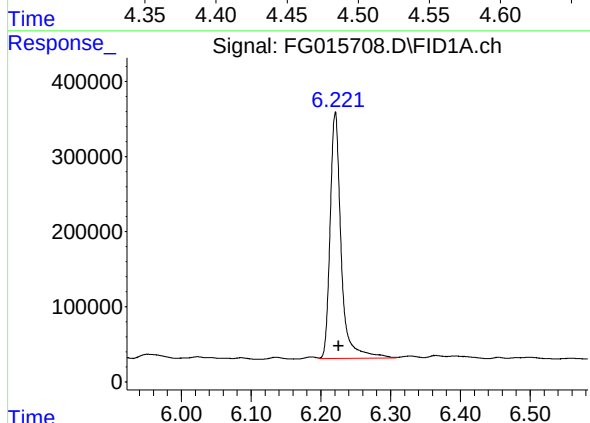
R.T.: 3.249 min
Delta R.T.: -0.002 min
Response: 2748801
Conc: 24.60 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MSD



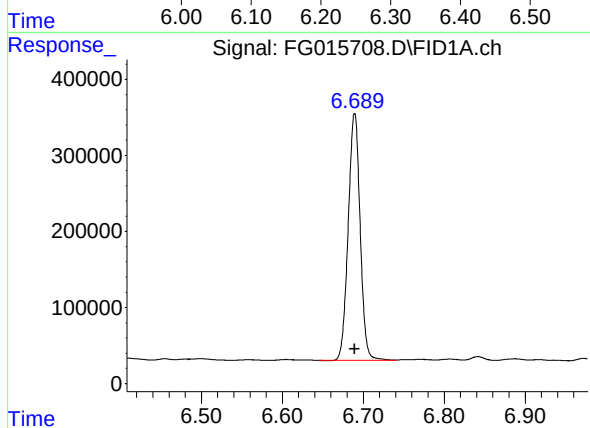
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 3042690
Conc: 27.13 ug/ml



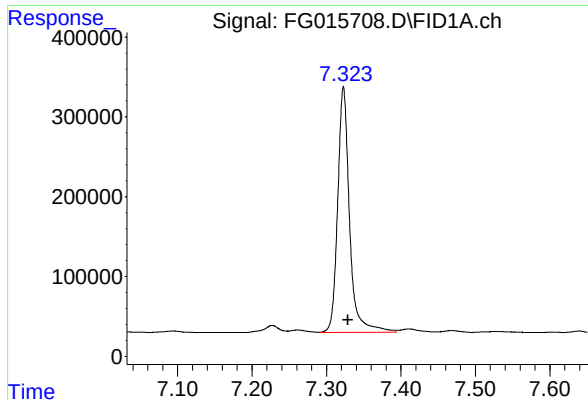
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.005 min
Response: 3611981
Conc: 31.13 ug/ml



#4 n-Dodecane (C12)

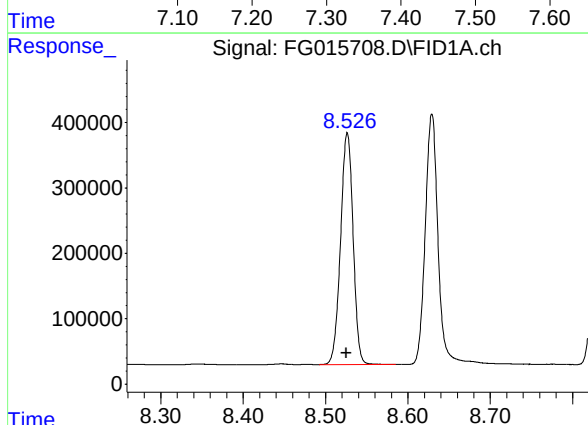
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 3333886
Conc: 29.16 ug/ml



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

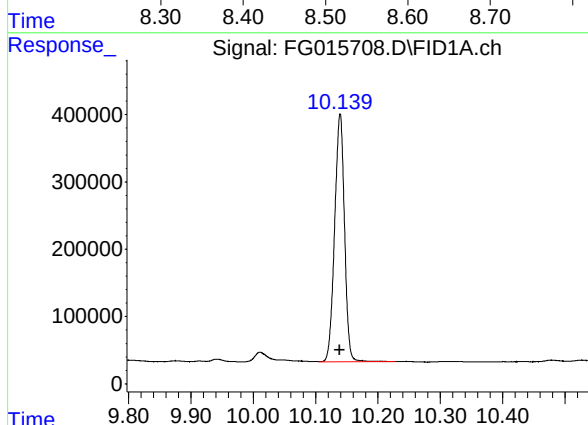
R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 3405103
Conc: 30.59 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MSD



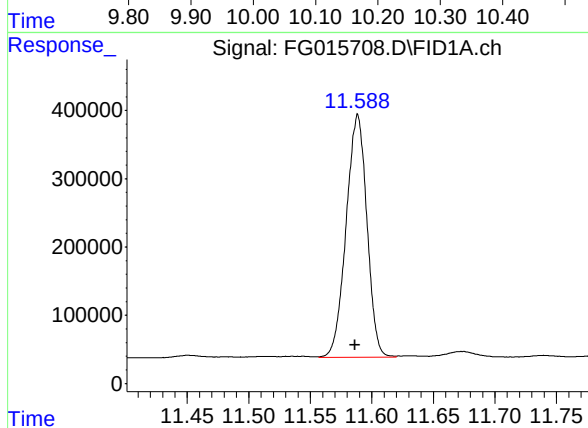
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: 0.001 min
Response: 3742201
Conc: 32.84 ug/ml



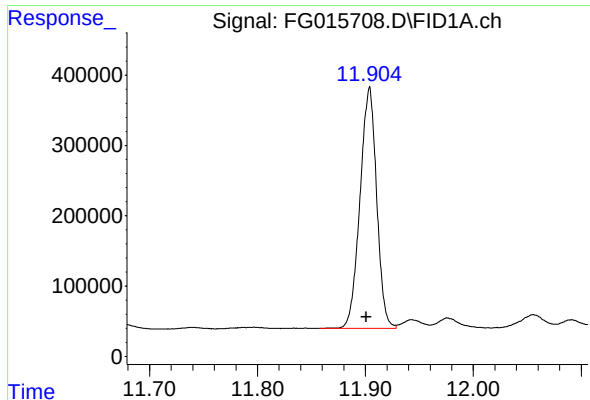
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 4039686
Conc: 34.55 ug/ml



#8 n-Octadecane (C18)

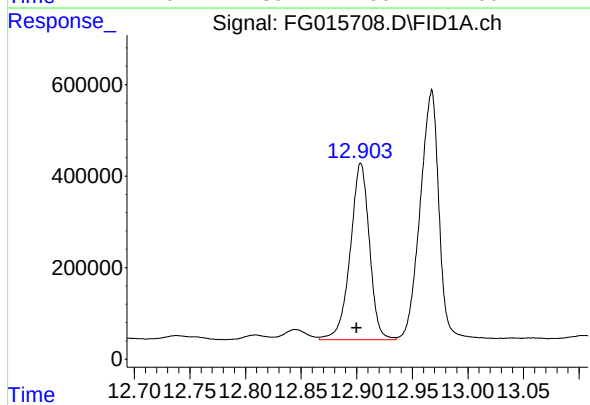
R.T.: 11.589 min
Delta R.T.: 0.002 min
Response: 4172163
Conc: 34.88 ug/ml



#9 ortho-Terphenyl (SURR)

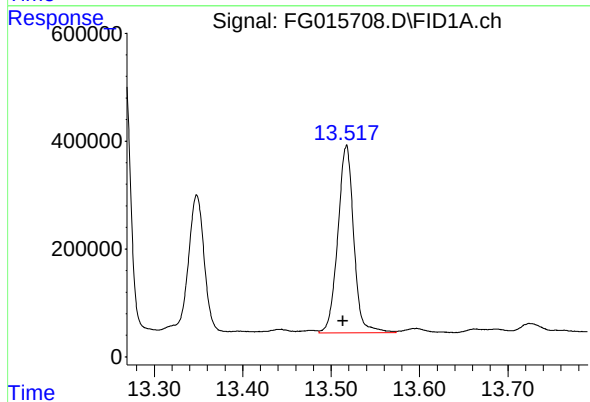
R.T.: 11.904 min
Delta R.T.: 0.003 min
Response: 3678368
Conc: 25.37 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MSD



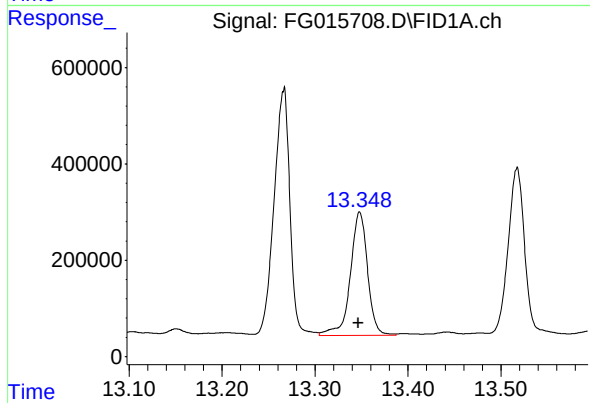
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: 0.004 min
Response: 4623371
Conc: 38.85 ug/ml



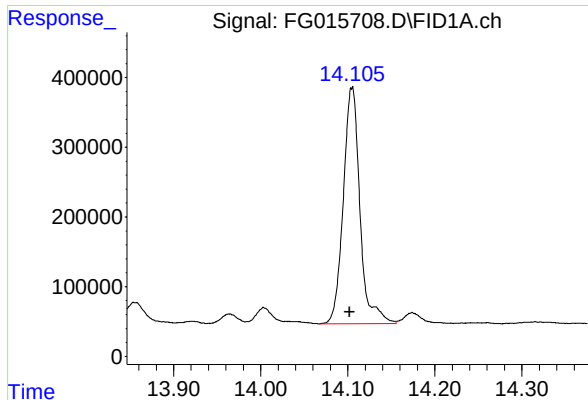
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: 0.004 min
Response: 4359111
Conc: 36.85 ug/ml



#12 1-chlorooctadecane (SURR)

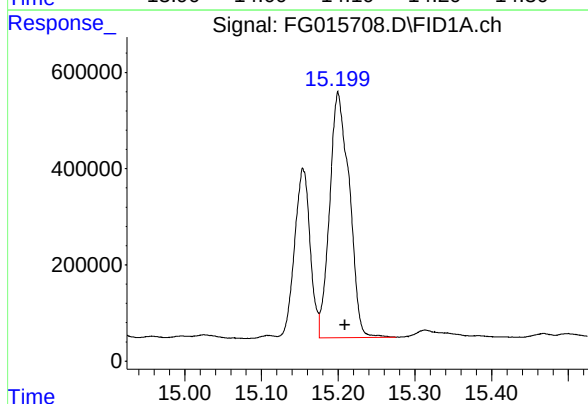
R.T.: 13.348 min
Delta R.T.: 0.001 min
Response: 3310156
Conc: 31.30 ug/ml



#13 n-Docosane (C22)

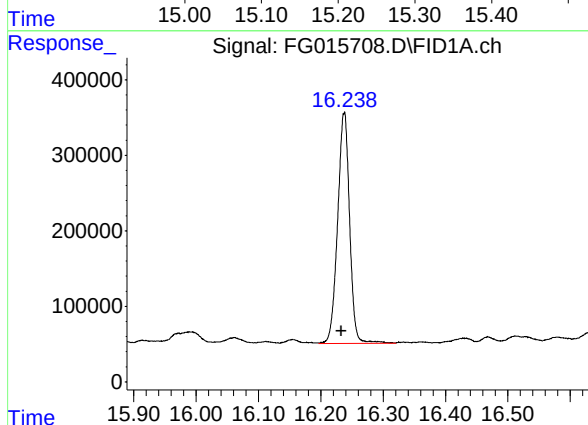
R.T.: 14.105 min
Delta R.T.: 0.002 min
Response: 4525015
Conc: 38.80 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MSD



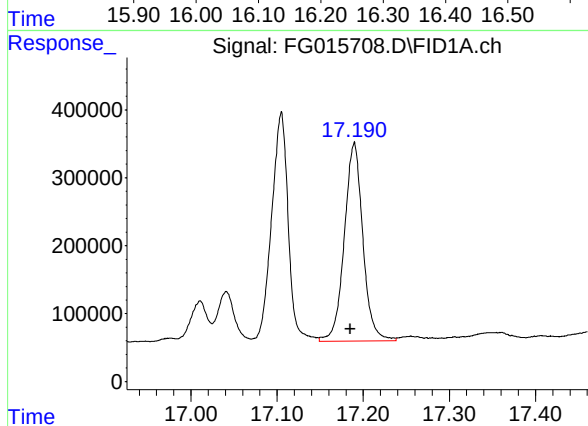
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.009 min
Response: 9083963
Conc: 78.82 ug/ml



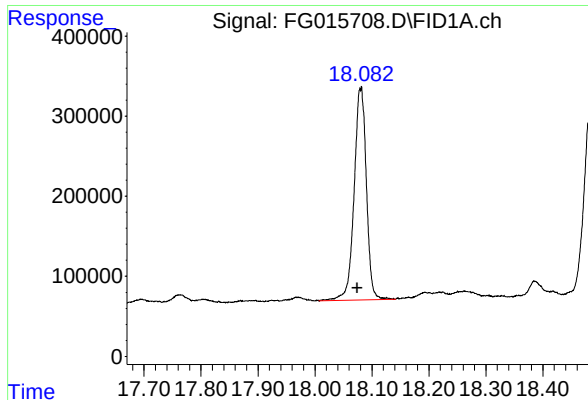
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.005 min
Response: 4082981
Conc: 36.56 ug/ml



#16 n-Octacosane (C28)

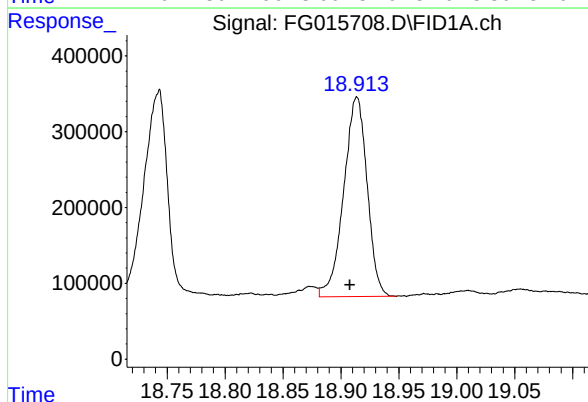
R.T.: 17.190 min
Delta R.T.: 0.004 min
Response: 4374534
Conc: 40.20 ug/ml



#17 n-Tricontane (C30)

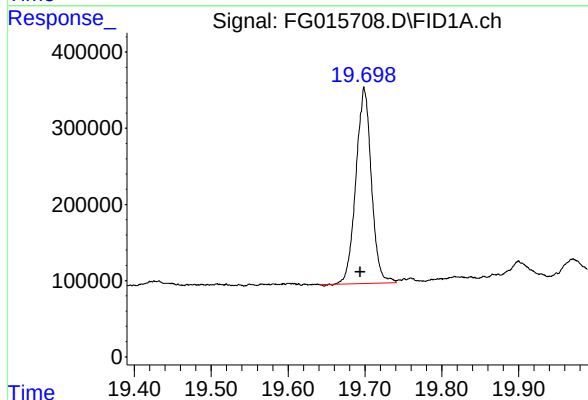
R.T.: 18.080 min
Delta R.T.: 0.006 min
Response: 3969663
Conc: 36.44 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MSD



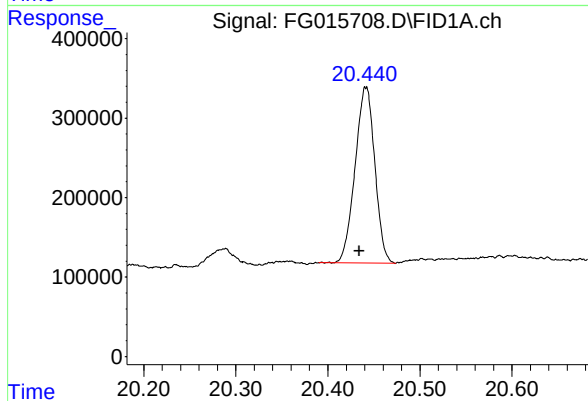
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: 0.006 min
Response: 3702673
Conc: 34.42 ug/ml



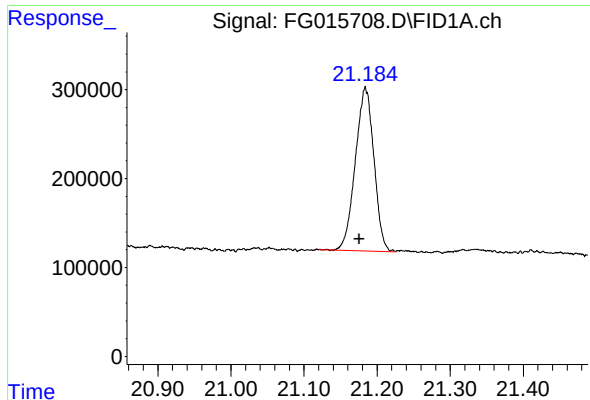
#19 n-Tetatriacontane (C34)

R.T.: 19.699 min
Delta R.T.: 0.005 min
Response: 3589043
Conc: 35.22 ug/ml



#20 n-Hexatriacontane (C36)

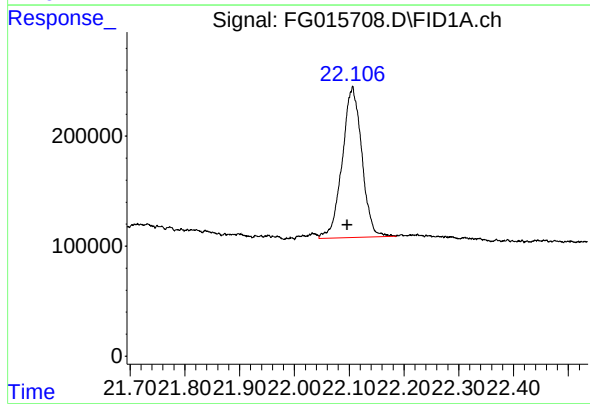
R.T.: 20.441 min
Delta R.T.: 0.007 min
Response: 3300697
Conc: 33.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.008 min
Response: 3244140
Conc: 35.54 ug/ml

Instrument :
FID_G
ClientSampleId :
LP5729MSD



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.010 min
Response: 3393595
Conc: 40.18 ug/ml