

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111825AL\
 Data File : FG016947.D
 Signal(s) : FID1A.ch
 Acq On : 18 Nov 2025 19:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 19 00:58:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 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)	12.033	3880559	24.571 ug/ml
Spiked Amount 50.000		Recovery =	49.14%
12) S 1-chlorooctadecane (S...	13.478	2950768	24.501 ug/ml
Spiked Amount 50.000		Recovery =	49.00%
Target Compounds			
1) T n-Nonane (C9)	3.359	3151820	25.298 ug/ml
2) T n-Decane (C10)	4.620	3239956	25.308 ug/ml
3) T A~Naphthalene (C11.7)	6.337	3366289	25.728 ug/ml
4) T n-Dodecane (C12)	6.800	3276533	25.130 ug/ml
5) T A~2-methylnaphthalene...	7.440	3133269	26.037 ug/ml
6) T n-Tetradecane (C14)	8.639	3232299	25.301 ug/ml
7) T n-Hexadecane (C16)	10.258	3352500	25.372 ug/ml
8) T n-Octadecane (C18)	11.710	3485928	25.015 ug/ml
10) T n-Eicosane (C20)	13.029	3432912	24.560 ug/ml
11) T n-Heneicosane (C21)	13.645	3400917	24.461 ug/ml
13) T n-Docosane (C22)	14.237	3405408	24.070 ug/ml
14) T n-Tetracosane (C24)	15.347	3390527	23.060 ug/ml
15) T n-Hexacosane (C26)	16.375	3327003	22.677 ug/ml
16) T n-Octacosane (C28)	17.331	3316632	22.530 ug/ml
17) T n-Tricontane (C30)	18.224	3479169	22.993 ug/ml
18) T n-Dotriacontane (C32)	19.063	3418349	23.190 ug/ml
19) T n-Tetratriacontane (C34)	19.851	3032634	23.533 ug/ml
20) T n-Hexatriacontane (C36)	20.593	2514087	24.290 ug/ml
21) T n-Octatriacontane (C38)	21.369	2220232	25.184 ug/ml
22) T n-Tetracontane (C40)	22.347	2028591	25.908 ug/ml

(f)=RT Delta > 1/2 Window

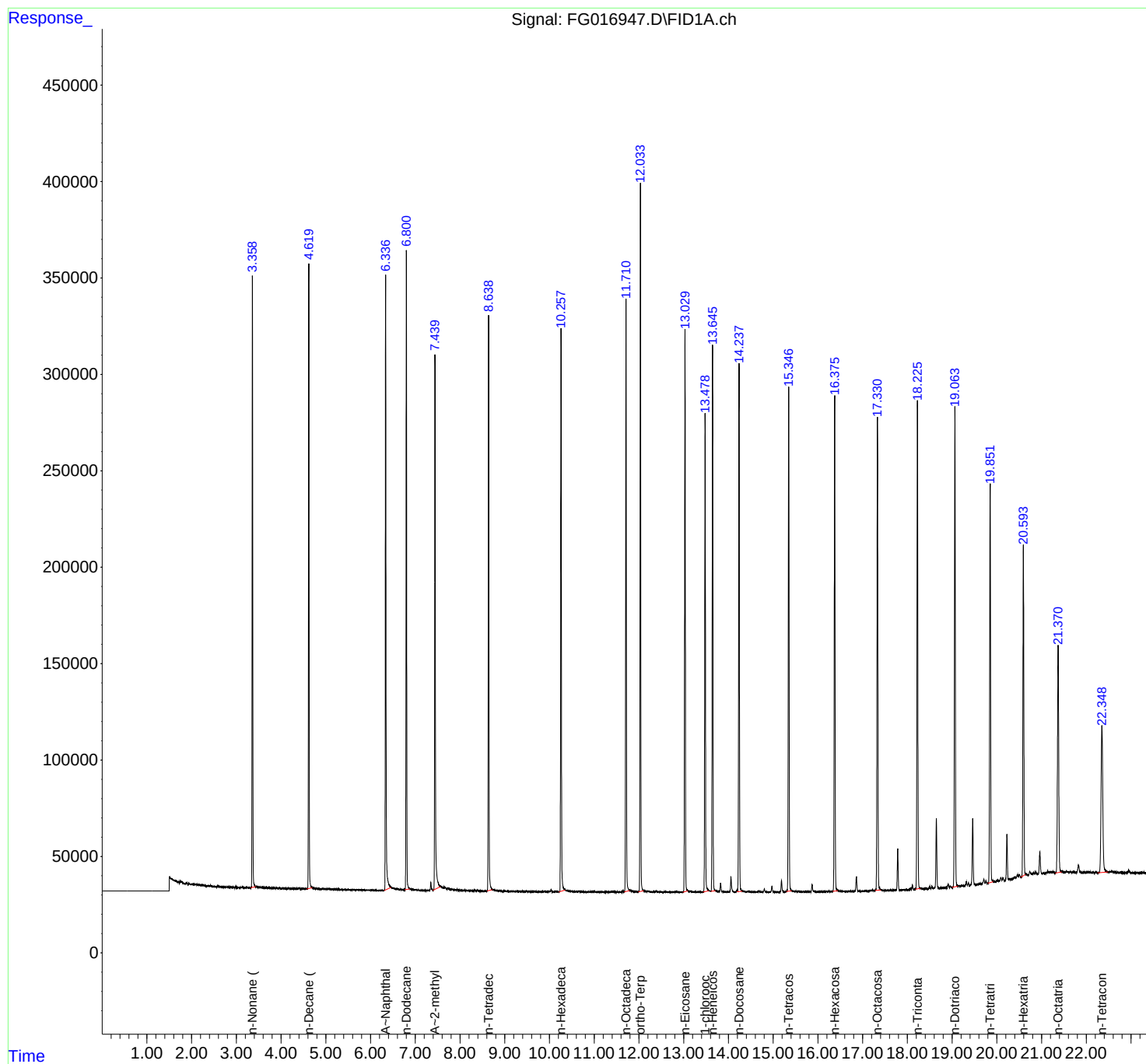
(m)=manual int.

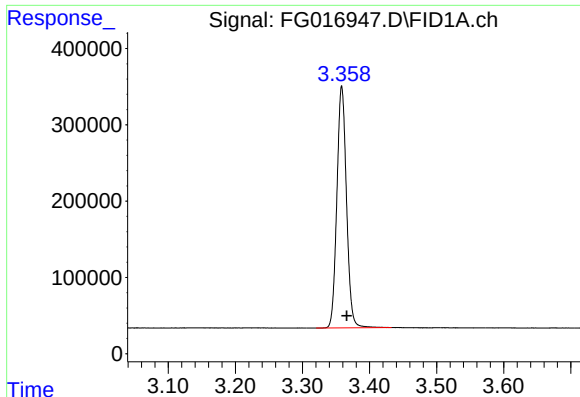
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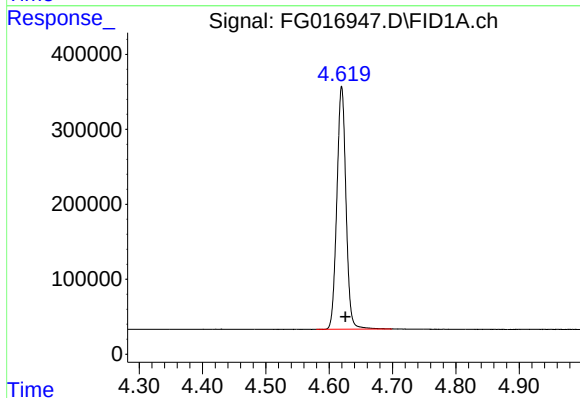




#1 n-Nonane (C9)

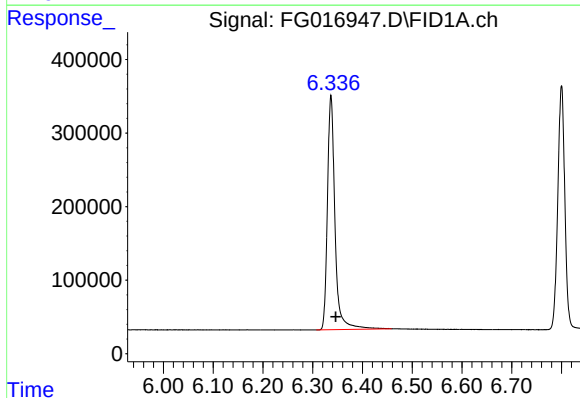
R.T.: 3.359 min
Delta R.T.: -0.007 min
Response: 3151820
Conc: 25.30 ug/ml

Instrument :
FID_F
ClientSampleId :



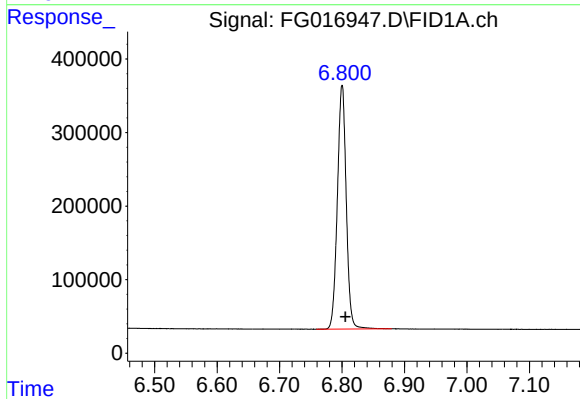
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: -0.006 min
Response: 3239956
Conc: 25.31 ug/ml



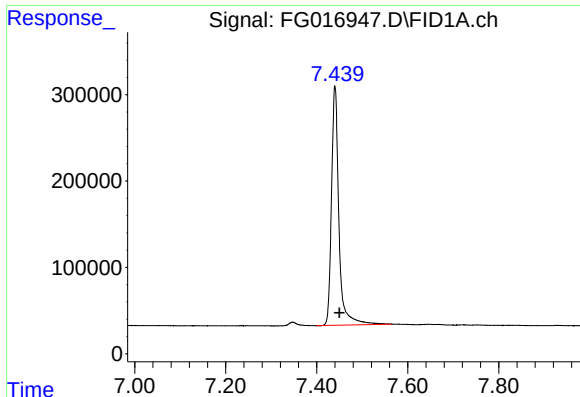
#3 A~Naphthalene (C11.7)

R.T.: 6.337 min
Delta R.T.: -0.009 min
Response: 3366289
Conc: 25.73 ug/ml



#4 n-Dodecane (C12)

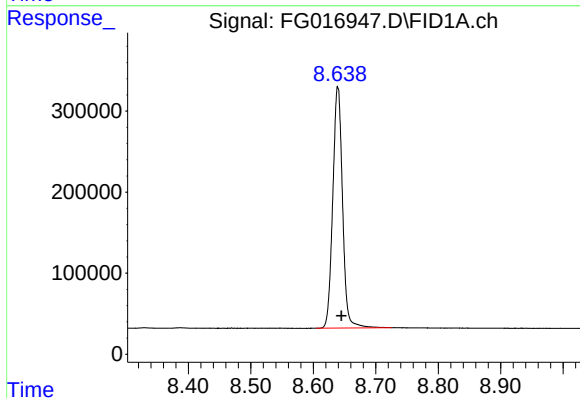
R.T.: 6.800 min
Delta R.T.: -0.005 min
Response: 3276533
Conc: 25.13 ug/ml



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

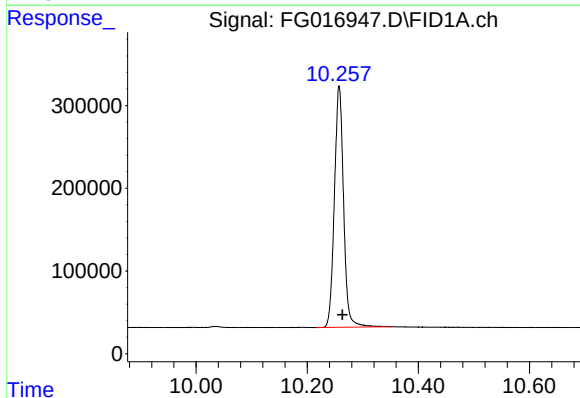
R.T.: 7.440 min
Delta R.T.: -0.010 min
Response: 3133269
Conc: 26.04 ug/ml

Instrument :
FID_F
ClientSampleId :



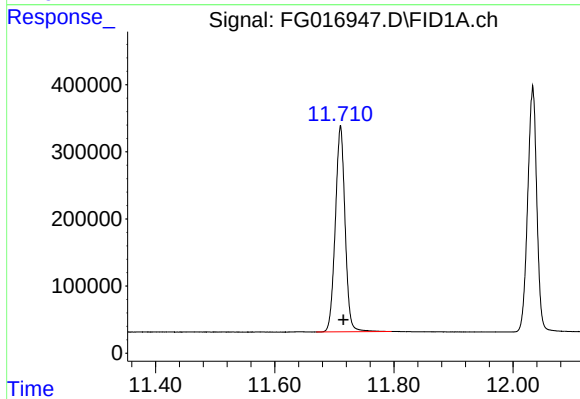
#6 n-Tetradecane (C14)

R.T.: 8.639 min
Delta R.T.: -0.006 min
Response: 3232299
Conc: 25.30 ug/ml



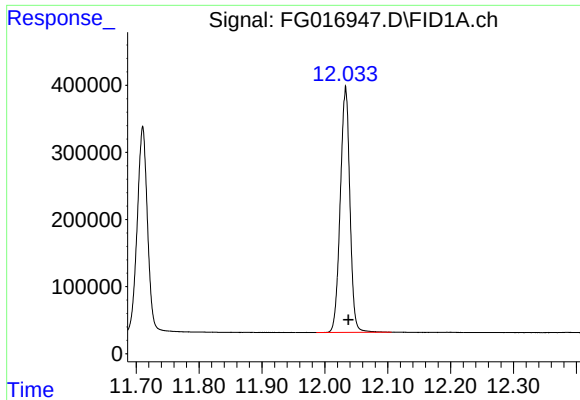
#7 n-Hexadecane (C16)

R.T.: 10.258 min
Delta R.T.: -0.006 min
Response: 3352500
Conc: 25.37 ug/ml



#8 n-Octadecane (C18)

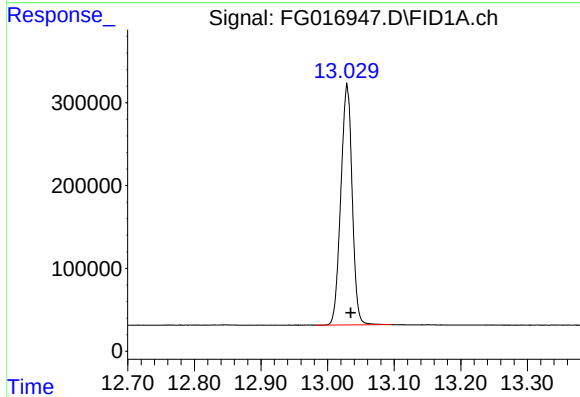
R.T.: 11.710 min
Delta R.T.: -0.005 min
Response: 3485928
Conc: 25.01 ug/ml



#9 ortho-Terphenyl (SURR)

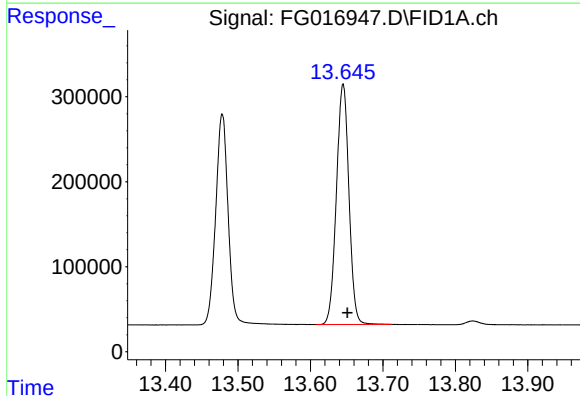
R.T.: 12.033 min
Delta R.T.: -0.004 min
Response: 3880559
Conc: 24.57 ug/ml

Instrument :
FID_F
ClientSampleId :



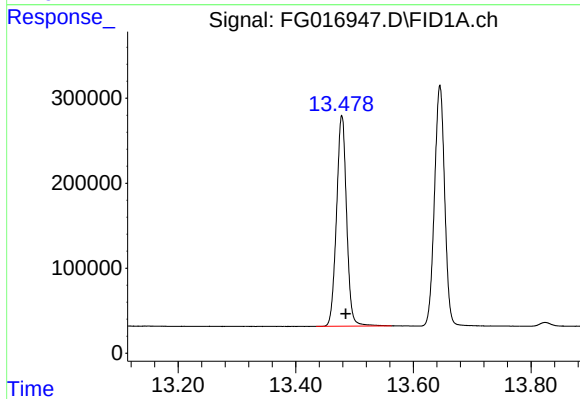
#10 n-Eicosane (C20)

R.T.: 13.029 min
Delta R.T.: -0.006 min
Response: 3432912
Conc: 24.56 ug/ml



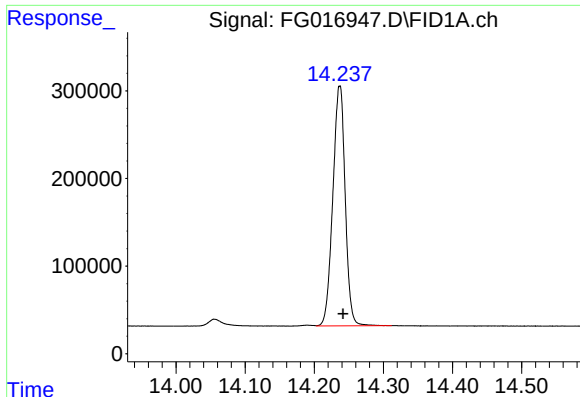
#11 n-Heneicosane (C21)

R.T.: 13.645 min
Delta R.T.: -0.006 min
Response: 3400917
Conc: 24.46 ug/ml



#12 1-chlorooctadecane (SURR)

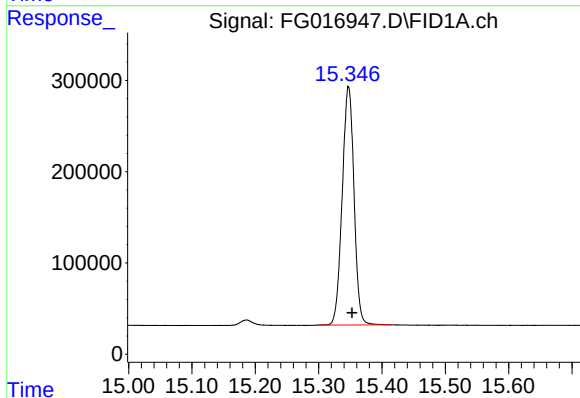
R.T.: 13.478 min
Delta R.T.: -0.007 min
Response: 2950768
Conc: 24.50 ug/ml



#13 n-Docosane (C22)

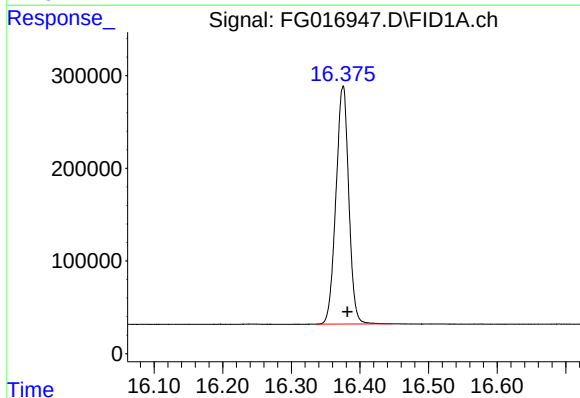
R.T.: 14.237 min
Delta R.T.: -0.005 min
Response: 3405408
Conc: 24.07 ug/ml

Instrument :
FID_F
ClientSampleId :



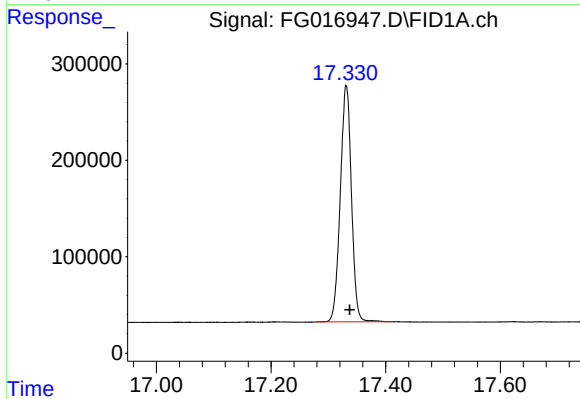
#14 n-Tetracosane (C24)

R.T.: 15.347 min
Delta R.T.: -0.006 min
Response: 3390527
Conc: 23.06 ug/ml



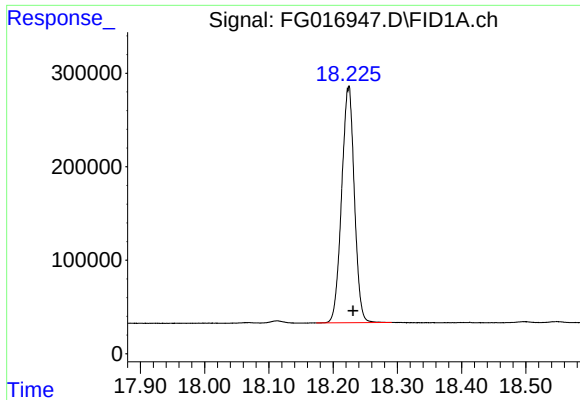
#15 n-Hexacosane (C26)

R.T.: 16.375 min
Delta R.T.: -0.006 min
Response: 3327003
Conc: 22.68 ug/ml



#16 n-Octacosane (C28)

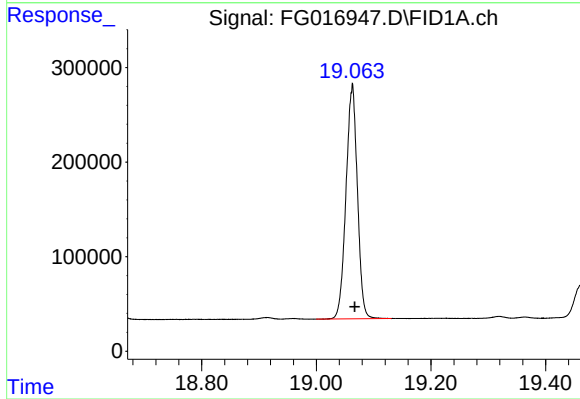
R.T.: 17.331 min
Delta R.T.: -0.006 min
Response: 3316632
Conc: 22.53 ug/ml



#17 n-Tricontane (C30)

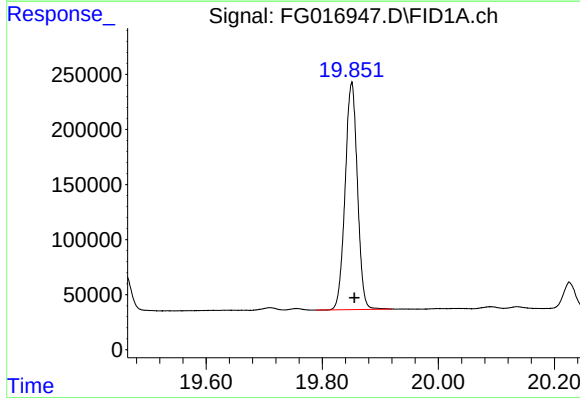
R.T.: 18.224 min
Delta R.T.: -0.006 min
Response: 3479169
Conc: 22.99 ug/ml

Instrument :
FID_F
ClientSampleId :



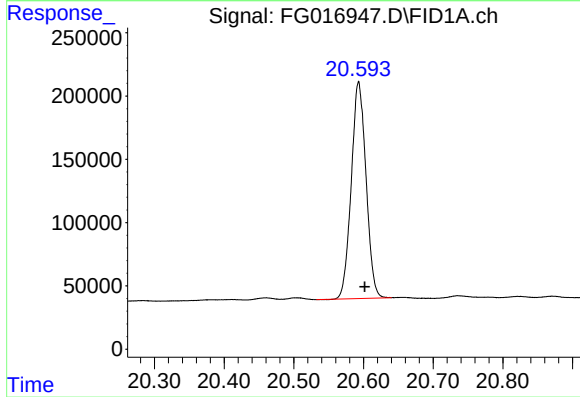
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: -0.004 min
Response: 3418349
Conc: 23.19 ug/ml



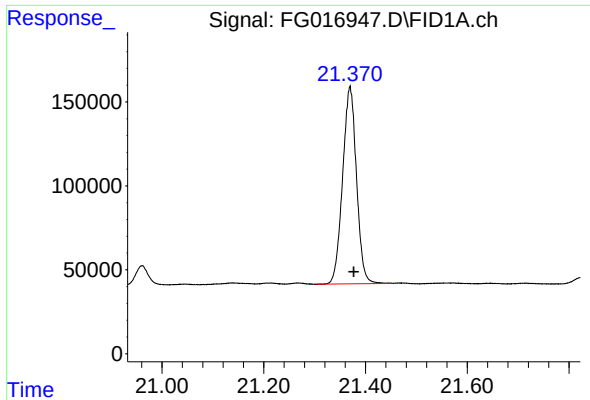
#19 n-Tetratriacontane (C34)

R.T.: 19.851 min
Delta R.T.: -0.005 min
Response: 3032634
Conc: 23.53 ug/ml



#20 n-Hexatriacontane (C36)

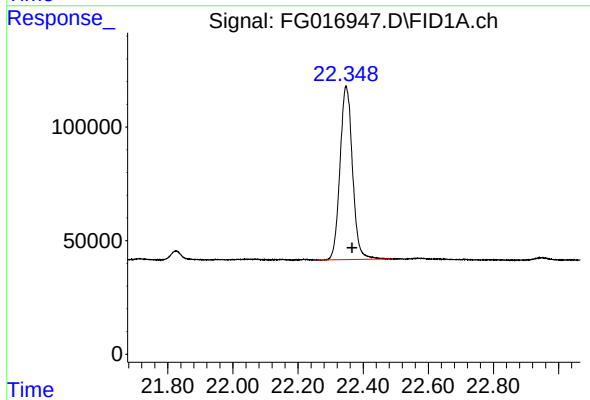
R.T.: 20.593 min
Delta R.T.: -0.009 min
Response: 2514087
Conc: 24.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.369 min
Delta R.T.: -0.008 min
Response: 2220232
Conc: 25.18 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.347 min
Delta R.T.: -0.019 min
Response: 2028591
Conc: 25.91 ug/ml