

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111725AL\
 Data File : FG016938.D
 Signal(s) : FID1A.ch
 Acq On : 17 Nov 2025 22:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 18 01:25:18 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)	12.034	3215252	20.359 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
12) S 1-chlorooctadecane (S...	13.478	2436929	20.235 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
Target Compounds			
1) T n-Nonane (C9)	3.359	2578019	20.692 ug/ml
2) T n-Decane (C10)	4.620	2641248	20.631 ug/ml
3) T A~Naphthalene (C11.7)	6.337	2730091	20.866 ug/ml
4) T n-Dodecane (C12)	6.800	2693346	20.657 ug/ml
5) T A~2-methylnaphthalene...	7.440	2560585	21.278 ug/ml
6) T n-Tetradecane (C14)	8.640	2654925	20.781 ug/ml
7) T n-Hexadecane (C16)	10.258	2752853	20.833 ug/ml
8) T n-Octadecane (C18)	11.711	2869107	20.588 ug/ml
10) T n-Eicosane (C20)	13.030	2840854	20.324 ug/ml
11) T n-Heneicosane (C21)	13.646	2820793	20.289 ug/ml
13) T n-Docosane (C22)	14.236	2802029	19.805 ug/ml
14) T n-Tetracosane (C24)	15.348	2790656	18.980 ug/ml
15) T n-Hexacosane (C26)	16.376	2725539	18.578 ug/ml
16) T n-Octacosane (C28)	17.332	2666372	18.113 ug/ml
17) T n-Tricontane (C30)	18.226	2730946	18.048 ug/ml
18) T n-Dotriacontane (C32)	19.063	2633699	17.867 ug/ml
19) T n-Tetratriacontane (C34)	19.852	2355246	18.277 ug/ml
20) T n-Hexatriacontane (C36)	20.596	1976970	19.100 ug/ml
21) T n-Octatriacontane (C38)	21.369	1767539	20.049 ug/ml
22) T n-Tetracontane (C40)	22.350	1621178	20.705 ug/ml

(f)=RT Delta > 1/2 Window

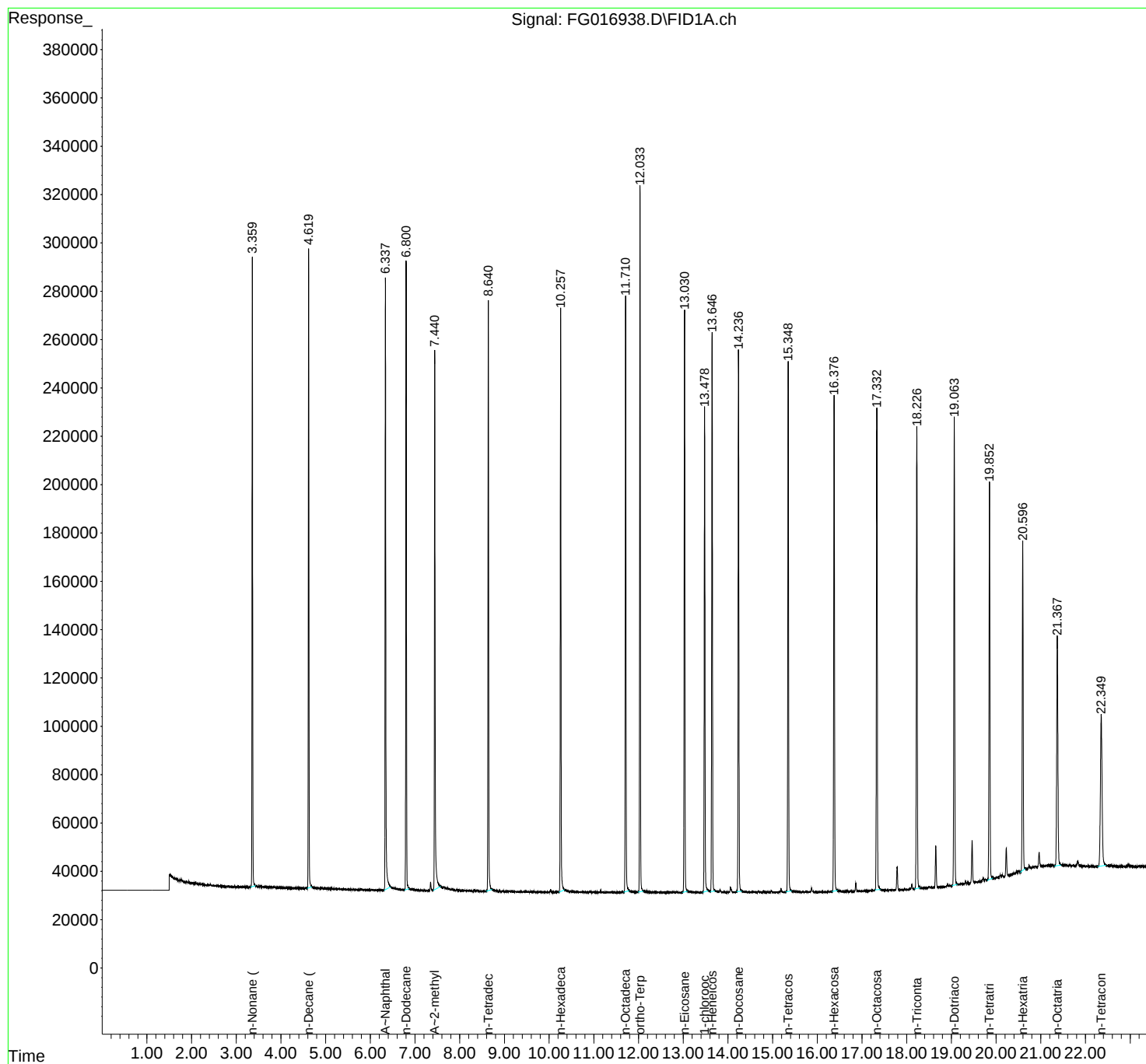
(m)=manual int.

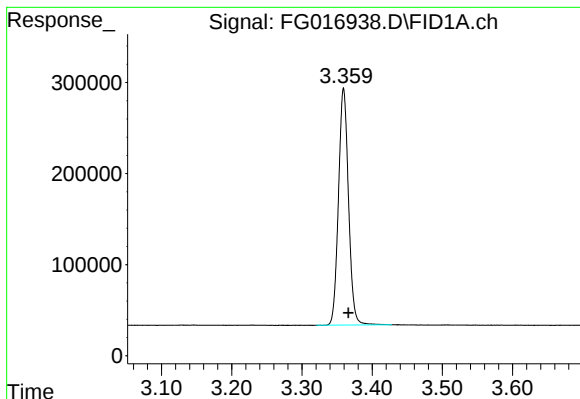
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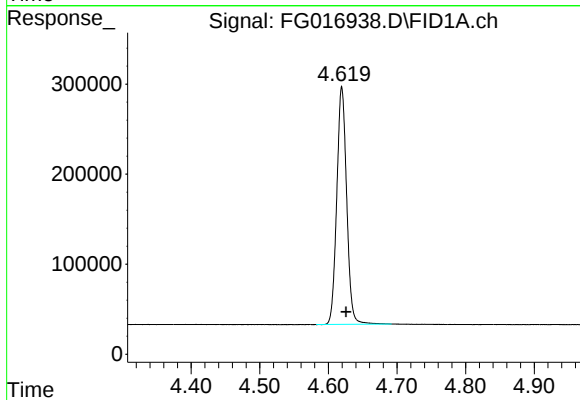




#1 n-Nonane (C9)

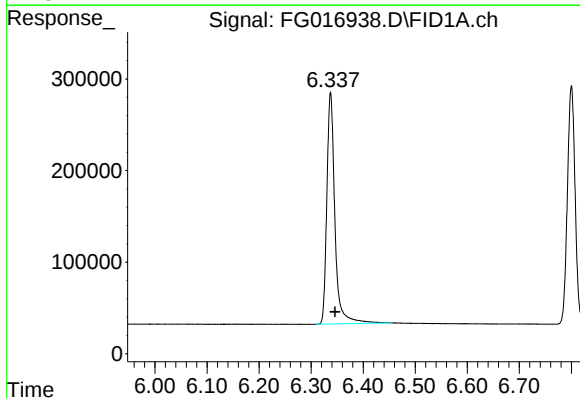
R.T.: 3.359 min
Delta R.T.: -0.007 min
Response: 2578019
Conc: 20.69 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



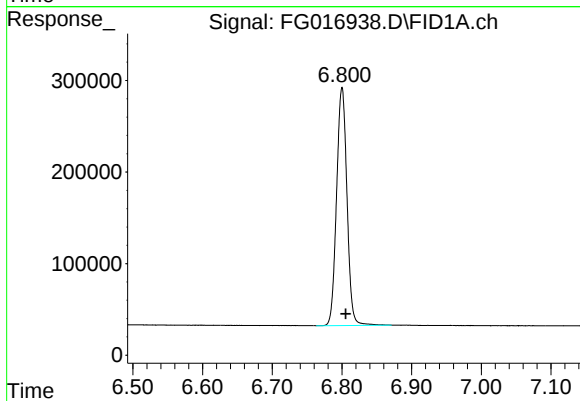
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: -0.006 min
Response: 2641248
Conc: 20.63 ug/ml



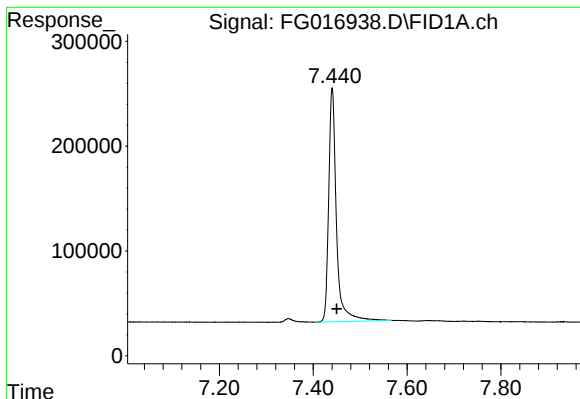
#3 A~Naphthalene (C11.7)

R.T.: 6.337 min
Delta R.T.: -0.009 min
Response: 2730091
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

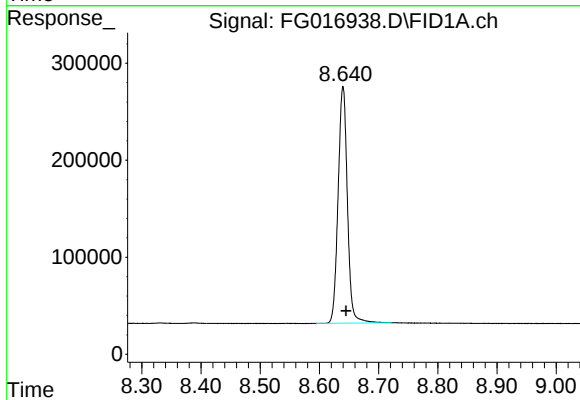
R.T.: 6.800 min
Delta R.T.: -0.005 min
Response: 2693346
Conc: 20.66 ug/ml



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

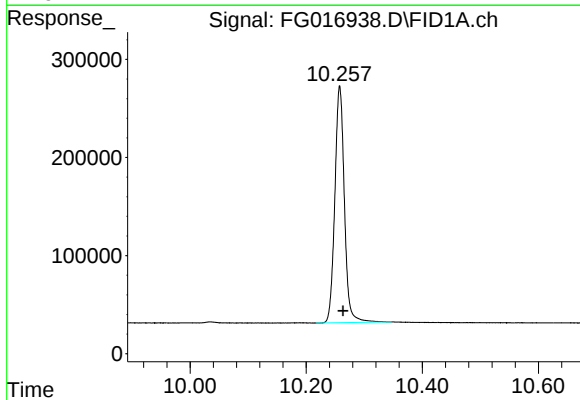
R.T.: 7.440 min
Delta R.T.: -0.009 min
Response: 2560585
Conc: 21.28 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



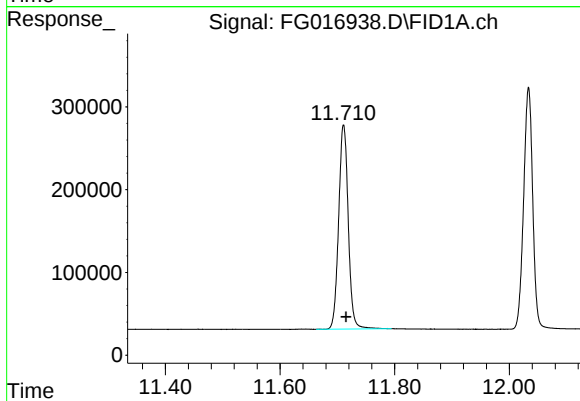
#6 n-Tetradecane (C14)

R.T.: 8.640 min
Delta R.T.: -0.005 min
Response: 2654925
Conc: 20.78 ug/ml



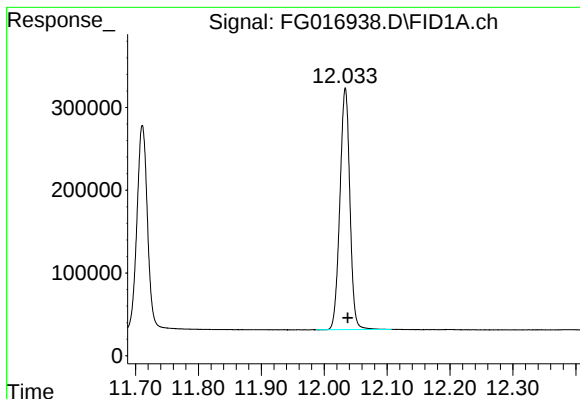
#7 n-Hexadecane (C16)

R.T.: 10.258 min
Delta R.T.: -0.006 min
Response: 2752853
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

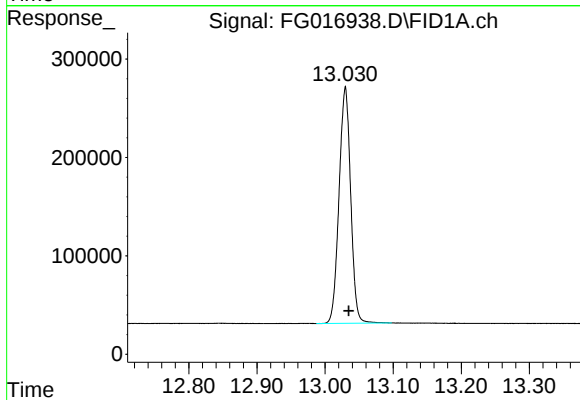
R.T.: 11.711 min
Delta R.T.: -0.005 min
Response: 2869107
Conc: 20.59 ug/ml



#9 ortho-Terphenyl (SURR)

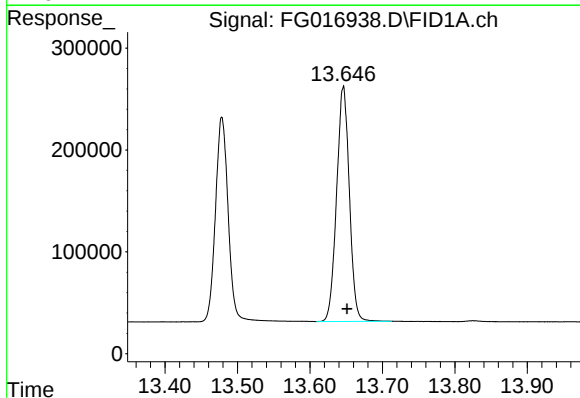
R.T.: 12.034 min
Delta R.T.: -0.004 min
Response: 3215252
Conc: 20.36 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



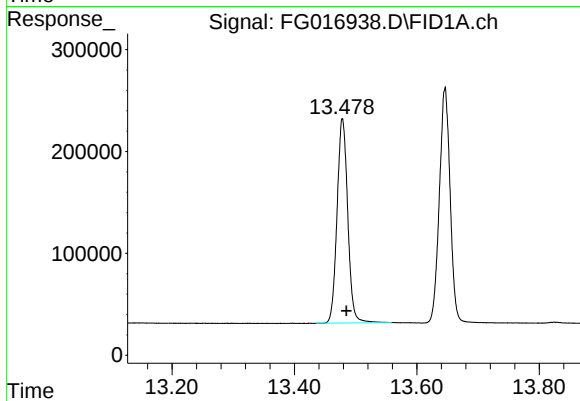
#10 n-Eicosane (C20)

R.T.: 13.030 min
Delta R.T.: -0.005 min
Response: 2840854
Conc: 20.32 ug/ml



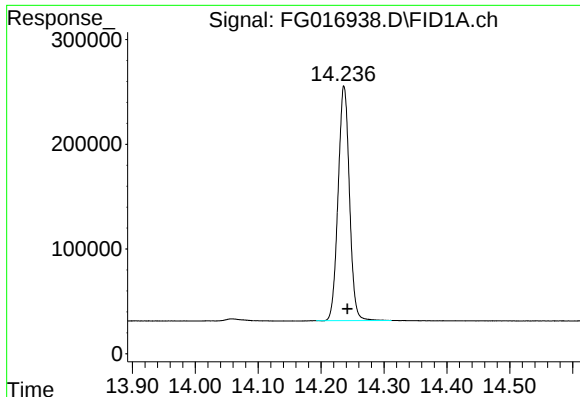
#11 n-Heneicosane (C21)

R.T.: 13.646 min
Delta R.T.: -0.005 min
Response: 2820793
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

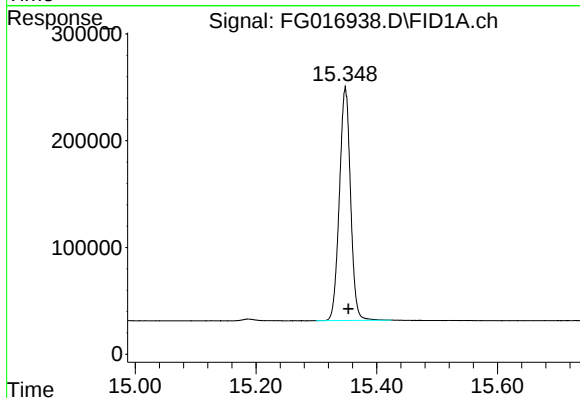
R.T.: 13.478 min
Delta R.T.: -0.007 min
Response: 2436929
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

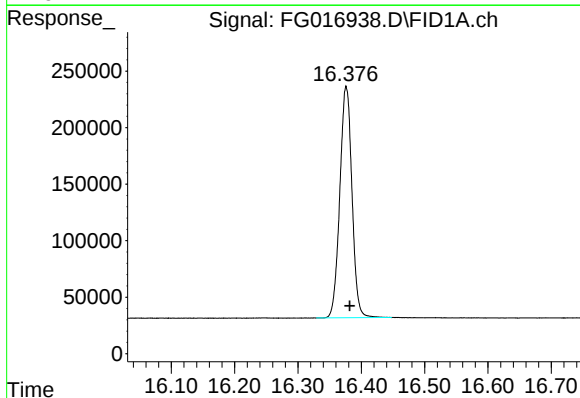
R.T.: 14.236 min
Delta R.T.: -0.005 min
Response: 2802029
Conc: 19.81 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



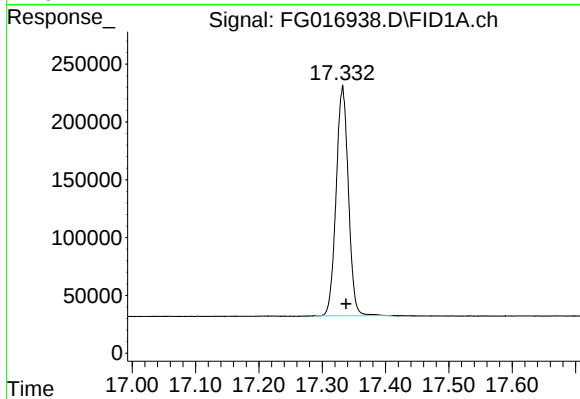
#14 n-Tetracosane (C24)

R.T.: 15.348 min
Delta R.T.: -0.005 min
Response: 2790656
Conc: 18.98 ug/ml



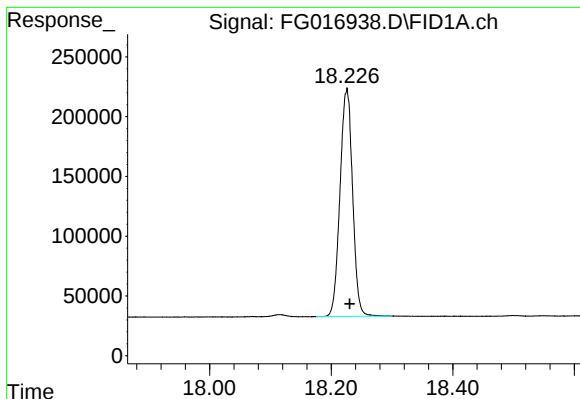
#15 n-Hexacosane (C26)

R.T.: 16.376 min
Delta R.T.: -0.006 min
Response: 2725539
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

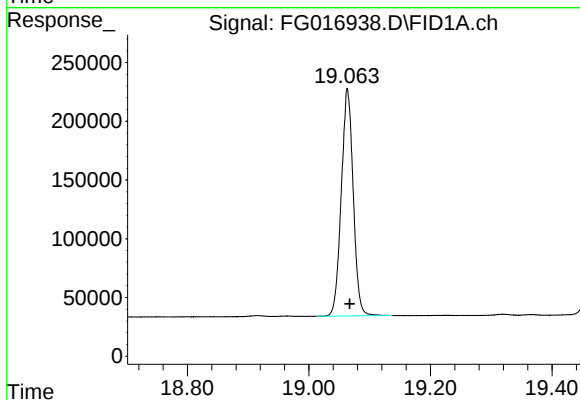
R.T.: 17.332 min
Delta R.T.: -0.005 min
Response: 2666372
Conc: 18.11 ug/ml



#17 n-Tricontane (C30)

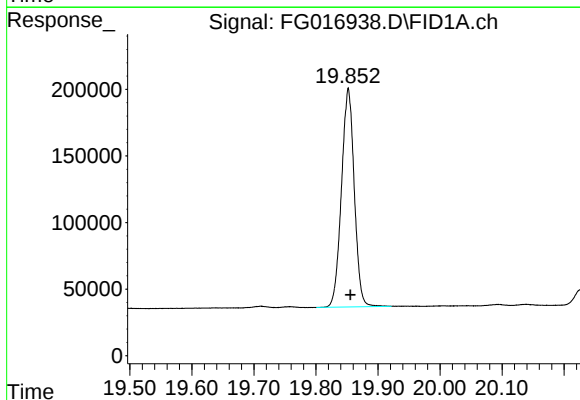
R.T.: 18.226 min
Delta R.T.: -0.005 min
Response: 2730946
Conc: 18.05 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



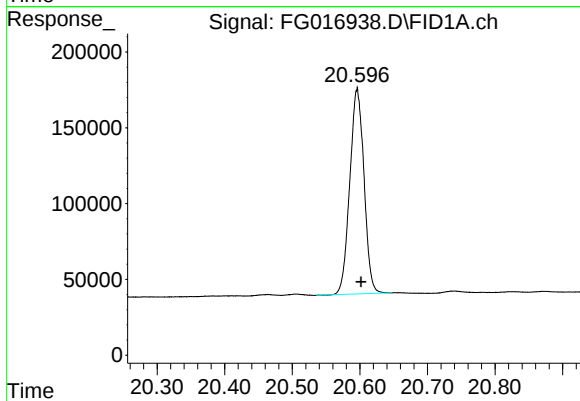
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: -0.004 min
Response: 2633699
Conc: 17.87 ug/ml



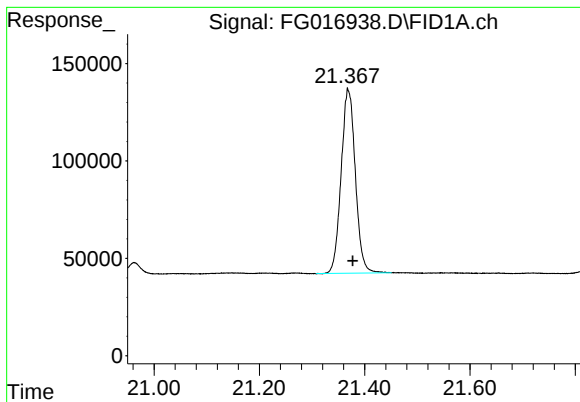
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: -0.003 min
Response: 2355246
Conc: 18.28 ug/ml



#20 n-Hexatriacontane (C36)

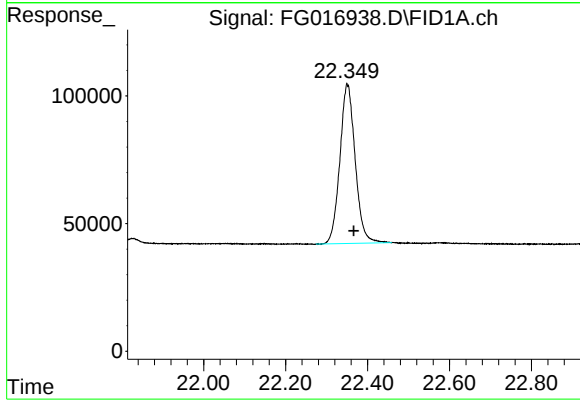
R.T.: 20.596 min
Delta R.T.: -0.006 min
Response: 1976970
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.369 min
Delta R.T.: -0.009 min
Response: 1767539
Conc: 20.05 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.350 min
Delta R.T.: -0.016 min
Response: 1621178
Conc: 20.70 ug/ml