

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102722AL\
 Data File : FC061958.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2022 11:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 28 06:13:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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)	11.586	3173406	21.349 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
12) S 1-chlorooctadecane (S...	13.022	2501228	21.470 ug/ml
Spiked Amount 50.000		Recovery =	42.94%
Target Compounds			
1) T n-Nonane (C9)	3.350	2869030	20.397 ug/ml
2) T n-Decane (C10)	4.416	2946604	20.642 ug/ml
3) T A~Naphthalene (C11.7)	6.001	3182164	20.616 ug/ml
4) T n-Dodecane (C12)	6.431	3006762	20.712 ug/ml
5) T A~2-methylnaphthalene...	7.056	3153020	20.785 ug/ml
6) T n-Tetradecane (C14)	8.227	3029426	20.841 ug/ml
7) T n-Hexadecane (C16)	9.828	3072302	21.097 ug/ml
8) T n-Octadecane (C18)	11.269	3080771	21.314 ug/ml
10) T n-Eicosane (C20)	12.578	3017916	21.383 ug/ml
11) T n-Heneicosane (C21)	13.189	2977277	21.457 ug/ml
13) T n-Docosane (C22)	13.775	2922778	21.320 ug/ml
14) T n-Tetracosane (C24)	14.878	2790603	21.120 ug/ml
15) T n-Hexacosane (C26)	15.897	2666549	21.162 ug/ml
16) T n-Octacosane (C28)	16.846	2573064	21.335 ug/ml
17) T n-Tricontane (C30)	17.734	2653438	22.301 ug/ml
18) T n-Dotriacontane (C32)	18.565	2665151	22.620 ug/ml
19) T n-Tetratriacontane (C34)	19.349	2533477	22.425 ug/ml
20) T n-Hexatriacontane (C36)	20.088	2514970	22.176 ug/ml
21) T n-Octatriacontane (C38)	20.823	2468295	21.937 ug/ml
22) T n-Tetracontane (C40)	21.740	2324838	20.708 ug/ml

(f)=RT Delta > 1/2 Window

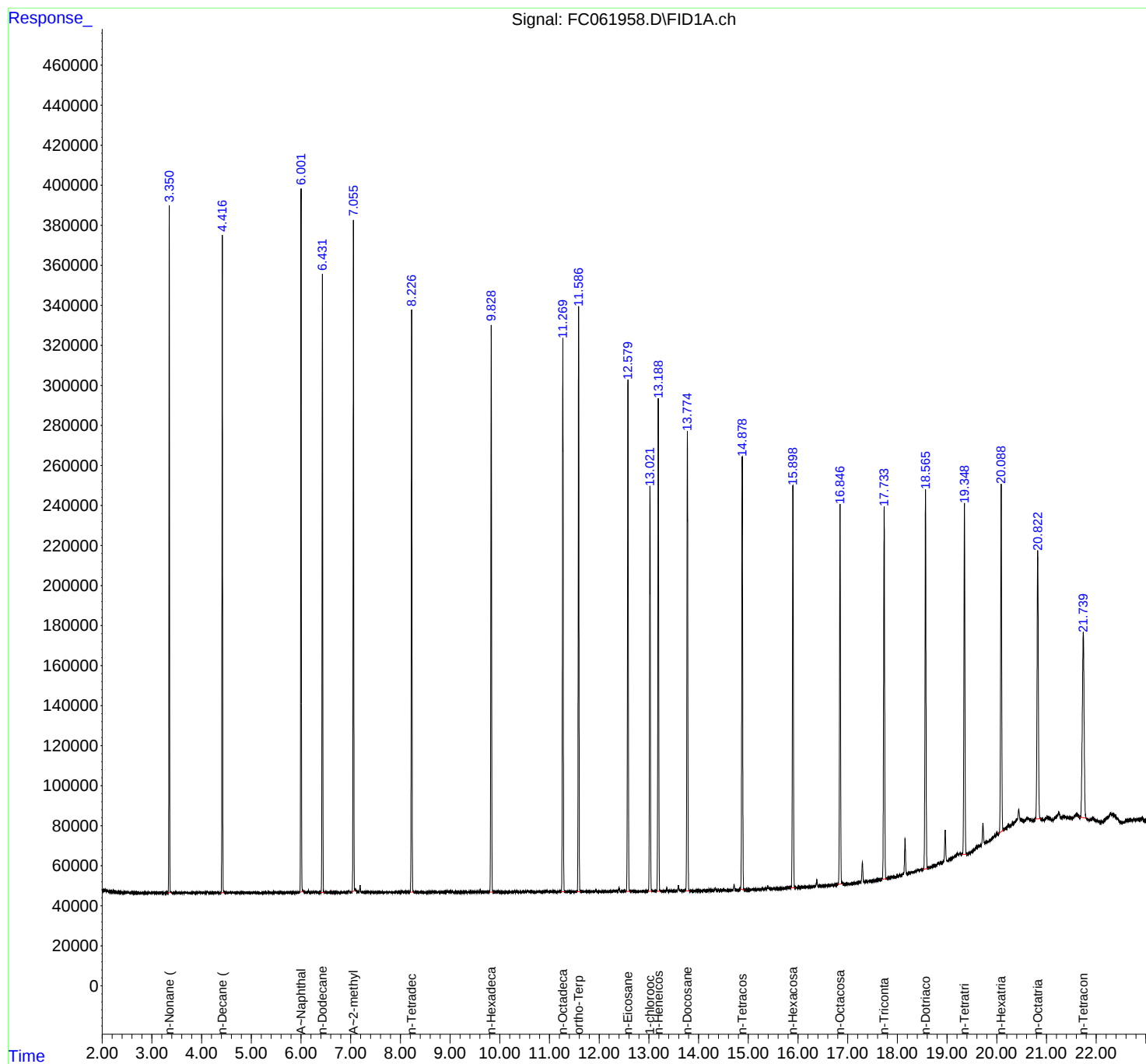
(m)=manual int.

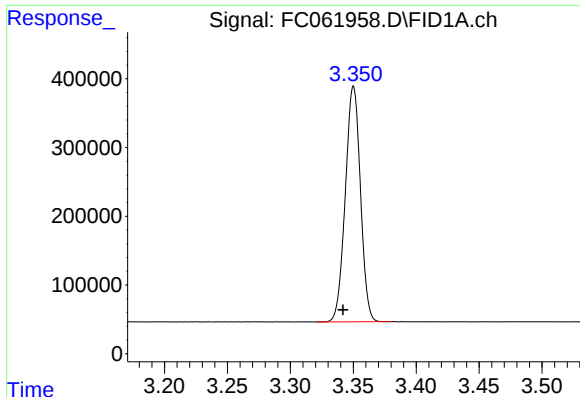
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102722AL\
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Integrator: ChemStation

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

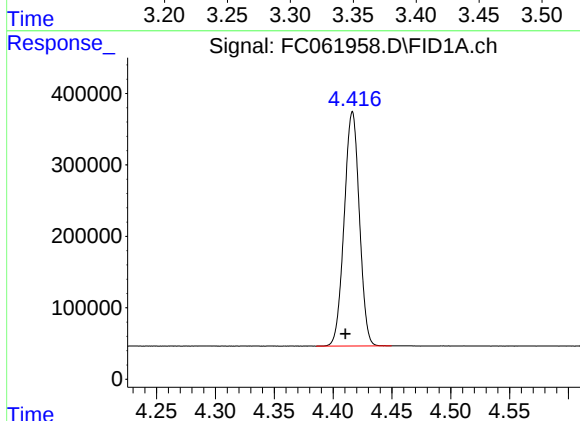




#1 n-Nonane (C9)

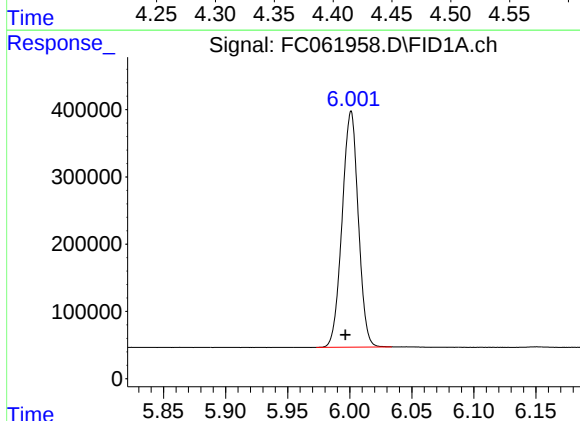
R.T.: 3.350 min
Delta R.T.: 0.008 min
Response: 2869030
Conc: 20.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



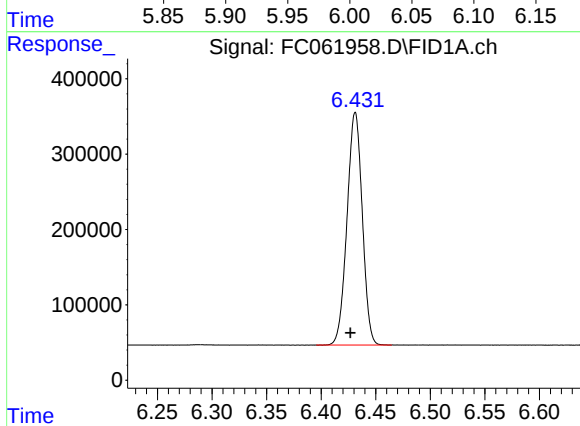
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: 0.006 min
Response: 2946604
Conc: 20.64 ug/ml



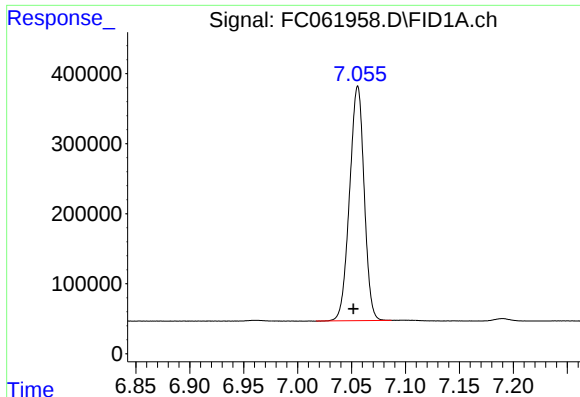
#3 A~Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: 0.005 min
Response: 3182164
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

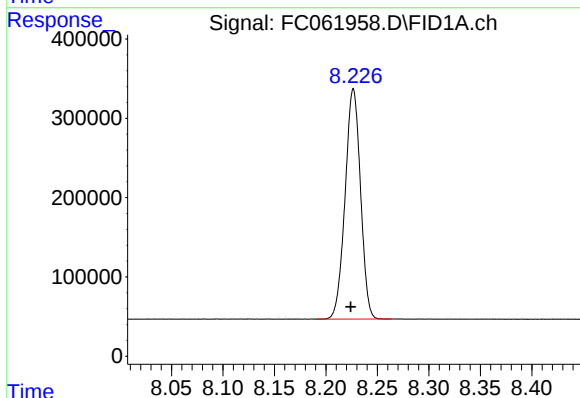
R.T.: 6.431 min
Delta R.T.: 0.005 min
Response: 3006762
Conc: 20.71 ug/ml



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

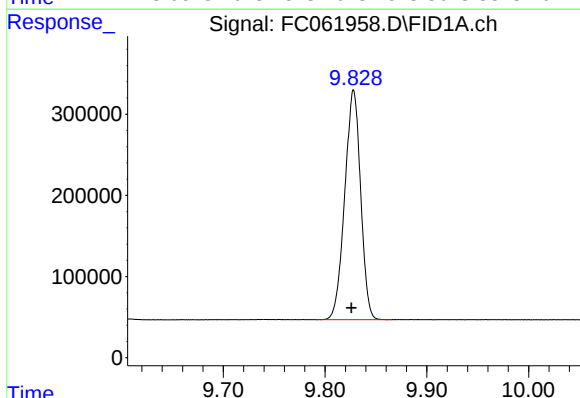
R.T.: 7.056 min
Delta R.T.: 0.004 min
Response: 3153020
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



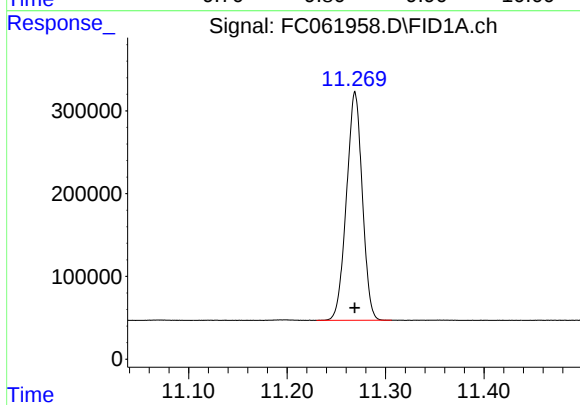
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: 0.003 min
Response: 3029426
Conc: 20.84 ug/ml



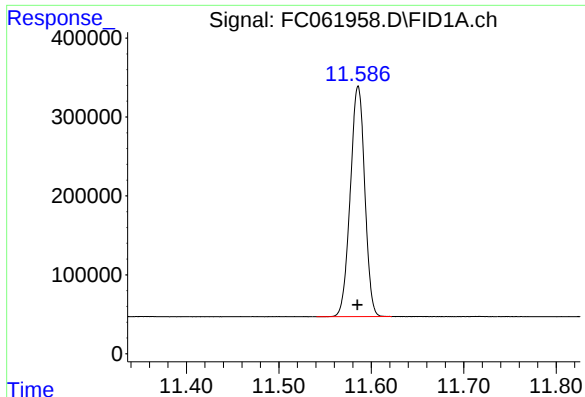
#7 n-Hexadecane (C16)

R.T.: 9.828 min
Delta R.T.: 0.002 min
Response: 3072302
Conc: 21.10 ug/ml



#8 n-Octadecane (C18)

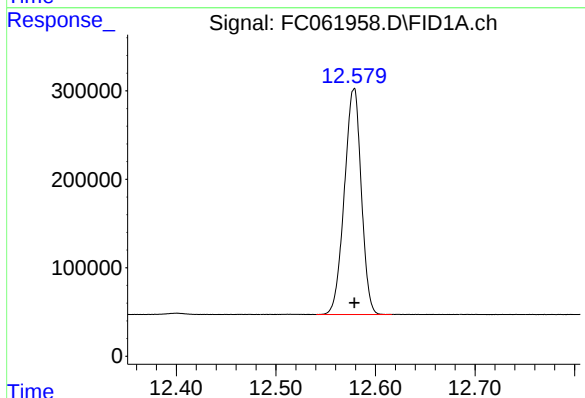
R.T.: 11.269 min
Delta R.T.: 0.000 min
Response: 3080771
Conc: 21.31 ug/ml



#9 ortho-Terphenyl (SURR)

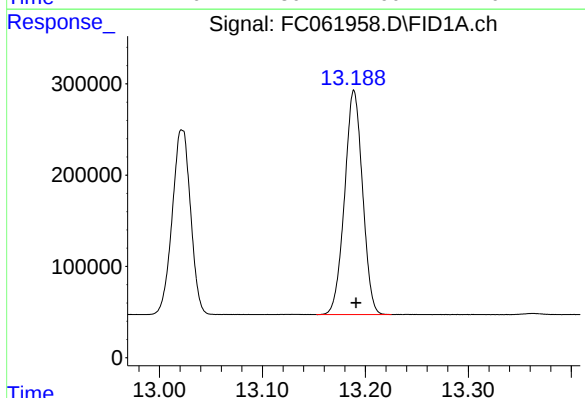
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 3173406
Conc: 21.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



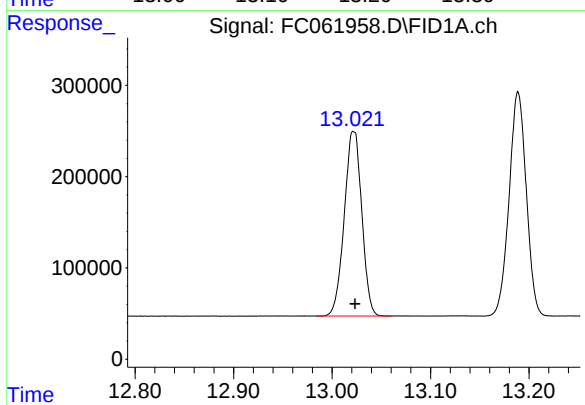
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: 0.000 min
Response: 3017916
Conc: 21.38 ug/ml



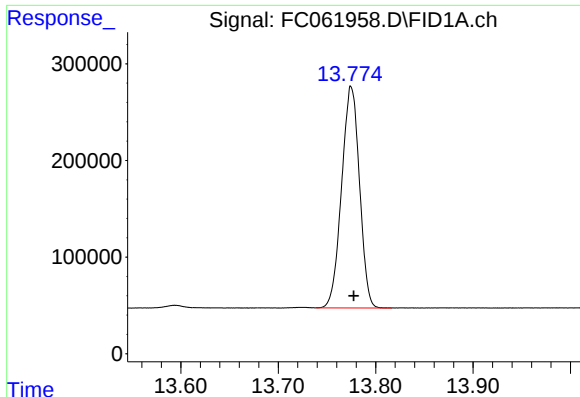
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.002 min
Response: 2977277
Conc: 21.46 ug/ml



#12 1-chlorooctadecane (SURR)

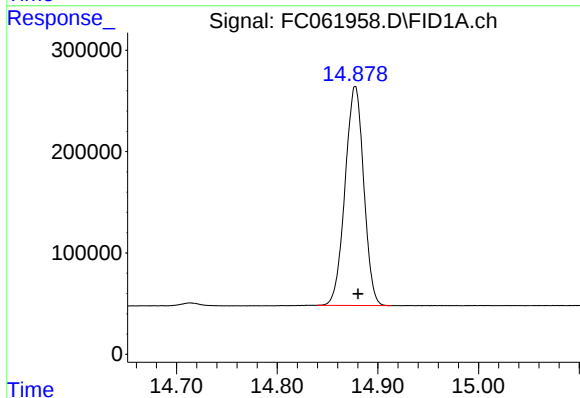
R.T.: 13.022 min
Delta R.T.: -0.001 min
Response: 2501228
Conc: 21.47 ug/ml



#13 n-Docosane (C22)

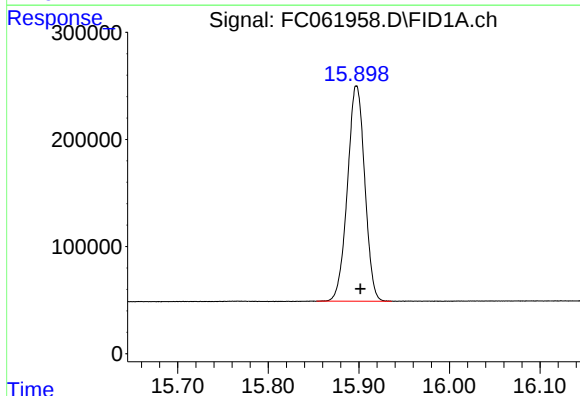
R.T.: 13.775 min
Delta R.T.: -0.003 min
Response: 2922778
Conc: 21.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



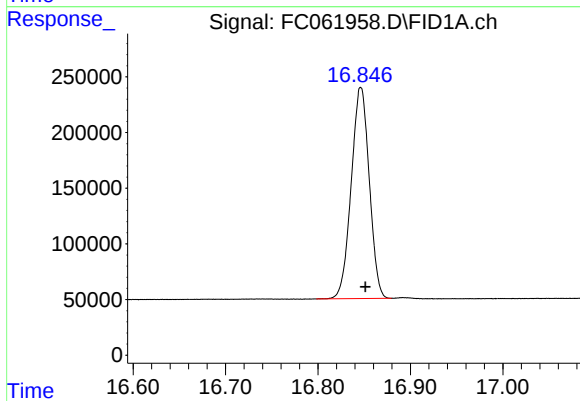
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 2790603
Conc: 21.12 ug/ml



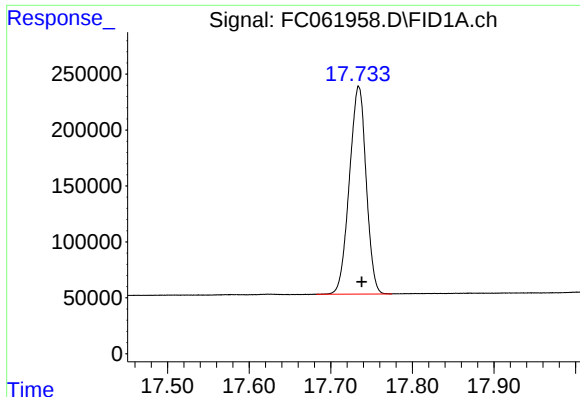
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.004 min
Response: 2666549
Conc: 21.16 ug/ml



#16 n-Octacosane (C28)

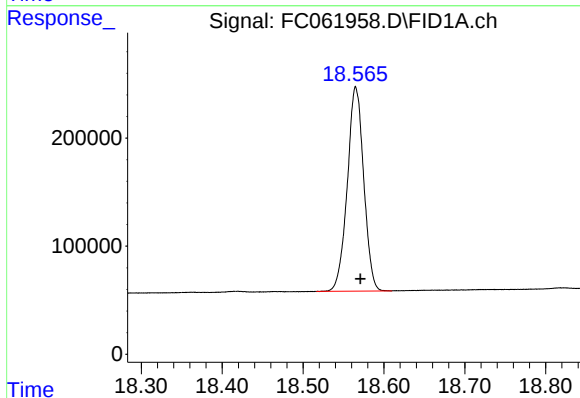
R.T.: 16.846 min
Delta R.T.: -0.005 min
Response: 2573064
Conc: 21.33 ug/ml



#17 n-Tricontane (C30)

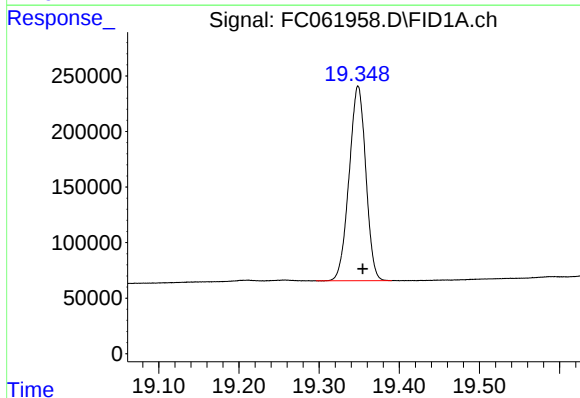
R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 2653438
Conc: 22.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



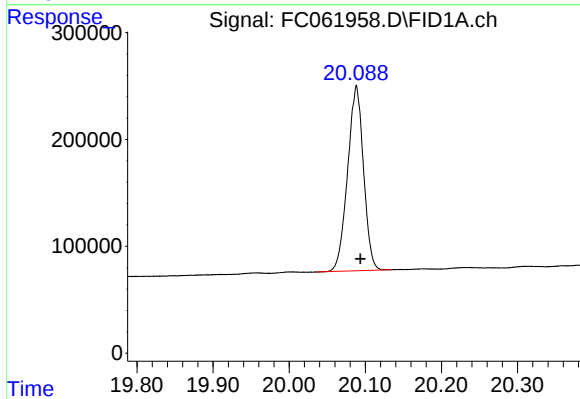
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.006 min
Response: 2665151
Conc: 22.62 ug/ml



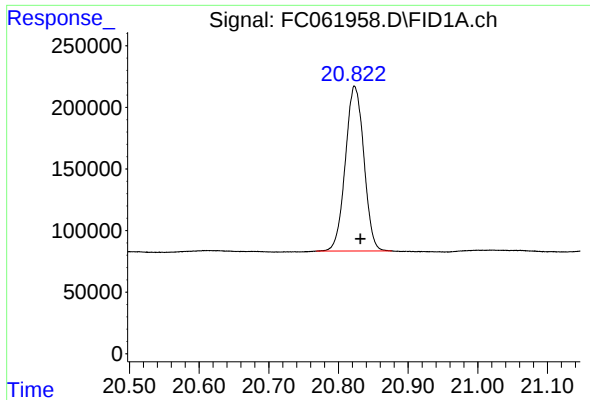
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.006 min
Response: 2533477
Conc: 22.43 ug/ml



#20 n-Hexatriacontane (C36)

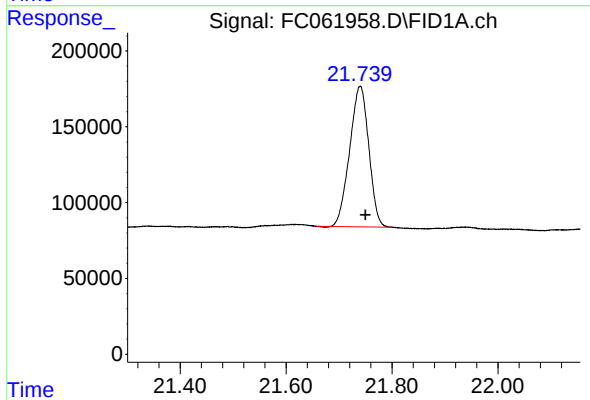
R.T.: 20.088 min
Delta R.T.: -0.005 min
Response: 2514970
Conc: 22.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.008 min
Response: 2468295
Conc: 21.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: -0.010 min
Response: 2324838
Conc: 20.71 ug/ml