

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121024AL\
 Data File : FE051605.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2024 13:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 11 02:04:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 2024
 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)	11.829	2634010	17.430 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
12) S 1-chlorooctadecane (S...	13.262	2013639	18.019 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
Target Compounds			
1) T n-Nonane (C9)	3.218	2420452	17.270 ug/ml
2) T n-Decane (C10)	4.466	2514041	17.728 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2302894	17.421 ug/ml
4) T n-Dodecane (C12)	6.634	2530325	17.776 ug/ml
5) T A~2-methylnaphthalene...	7.278	2124448	17.709 ug/ml
6) T n-Tetradecane (C14)	8.460	2483395	17.815 ug/ml
7) T n-Hexadecane (C16)	10.067	2529013	17.800 ug/ml
8) T n-Octadecane (C18)	11.507	2525364	17.573 ug/ml
10) T n-Eicosane (C20)	12.815	2418529	17.520 ug/ml
11) T n-Heneicosane (C21)	13.426	2368782	17.476 ug/ml
13) T n-Docosane (C22)	14.011	2342530	17.494 ug/ml
14) T n-Tetracosane (C24)	15.112	2333770	17.662 ug/ml
15) T n-Hexacosane (C26)	16.132	2322948	17.913 ug/ml
16) T n-Octacosane (C28)	17.080	2346655	18.406 ug/ml
17) T n-Tricontane (C30)	17.967	2463512	19.026 ug/ml
18) T n-Dotriacontane (C32)	18.799	2442946	19.514 ug/ml
19) T n-Tetratriacontane (C34)	19.581	2193725	19.424 ug/ml
20) T n-Hexatriacontane (C36)	20.321	1971234	20.468 ug/ml
21) T n-Octatriacontane (C38)	21.042	1843226	20.245 ug/ml
22) T n-Tetracontane (C40)	21.916	1795573	20.489 ug/ml

(f)=RT Delta > 1/2 Window

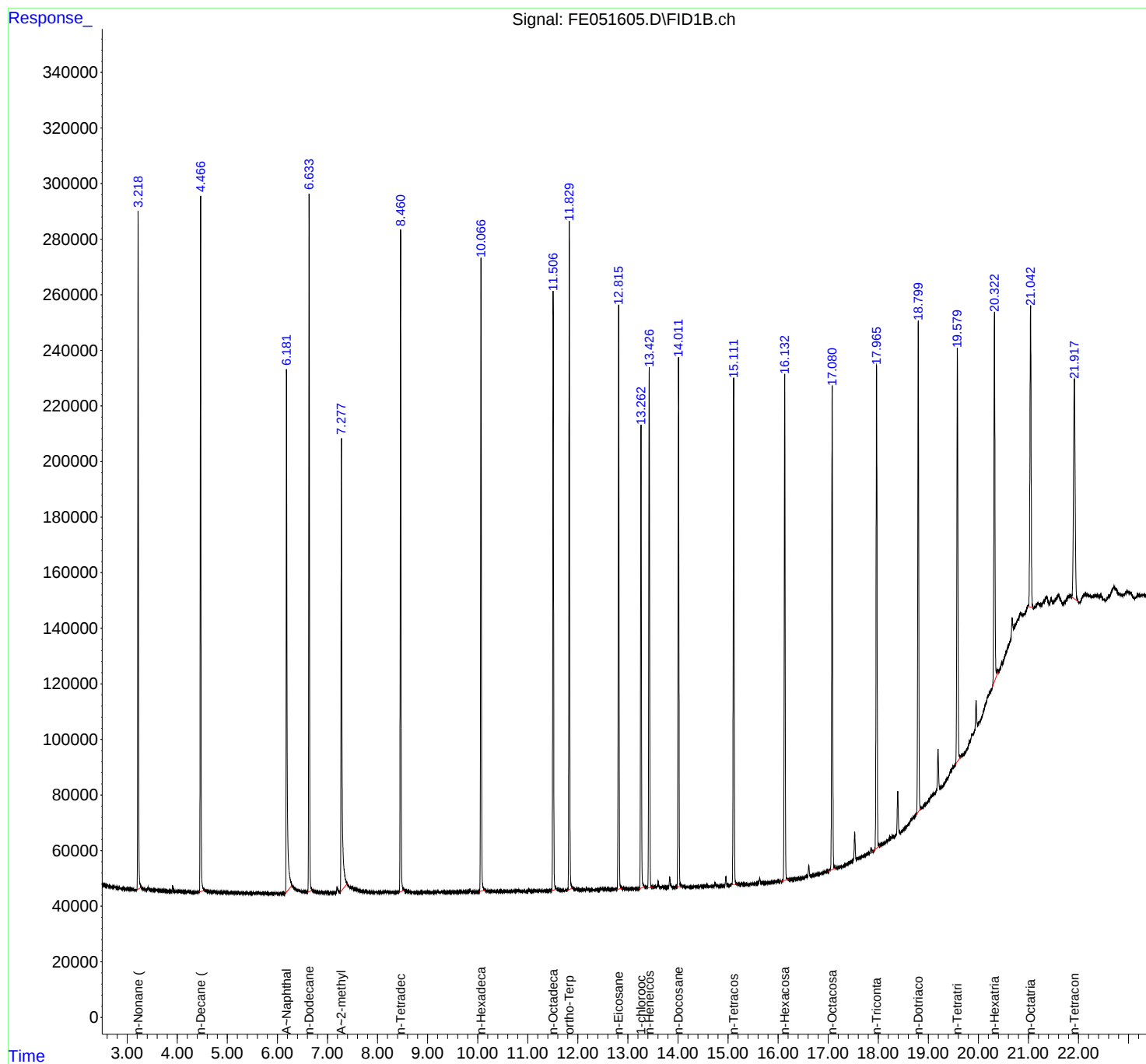
(m)=manual int.

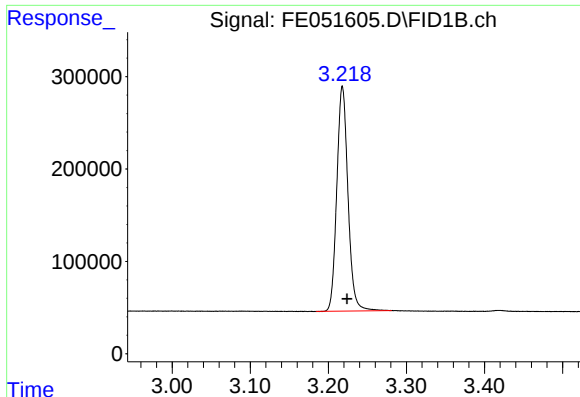
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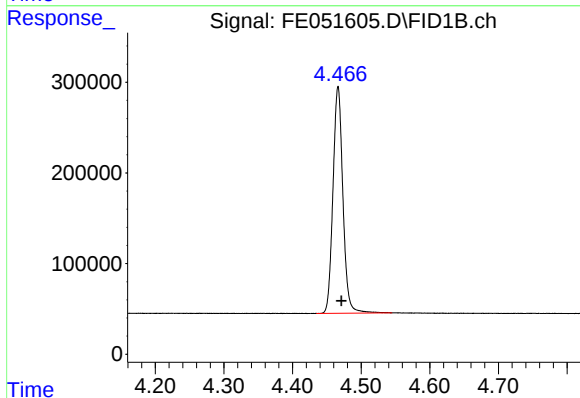




#1 n-Nonane (C9)

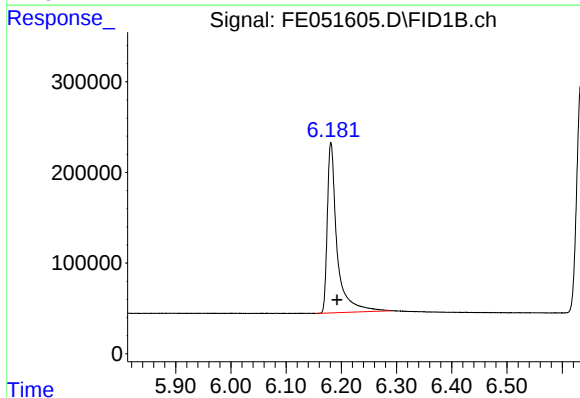
R.T.: 3.218 min
Delta R.T.: -0.006 min
Response: 2420452
Conc: 17.27 ug/ml

Instrument :
FID_E
ClientSampleId :



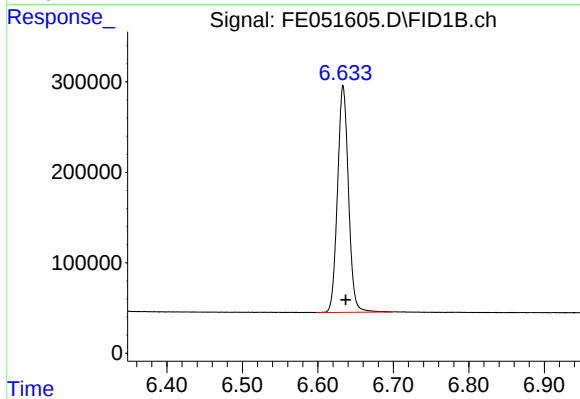
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 2514041
Conc: 17.73 ug/ml



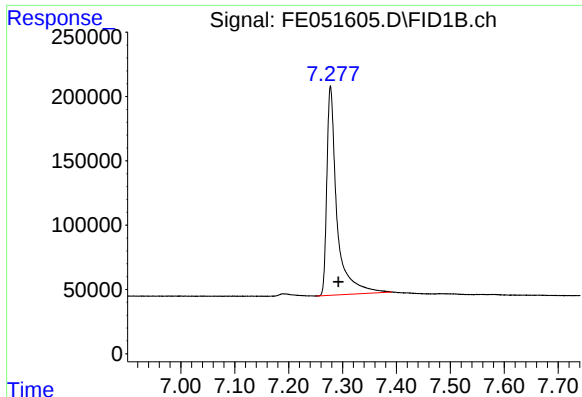
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.011 min
Response: 2302894
Conc: 17.42 ug/ml



#4 n-Dodecane (C12)

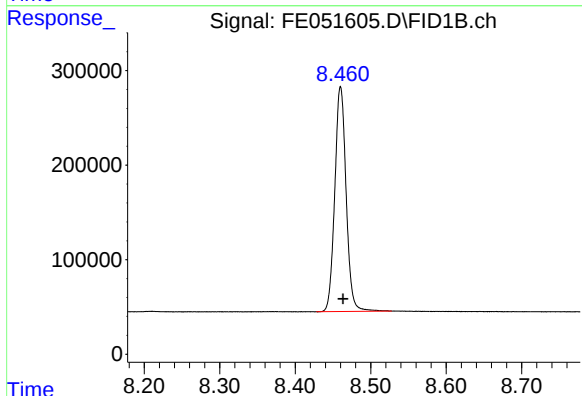
R.T.: 6.634 min
Delta R.T.: -0.003 min
Response: 2530325
Conc: 17.78 ug/ml



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

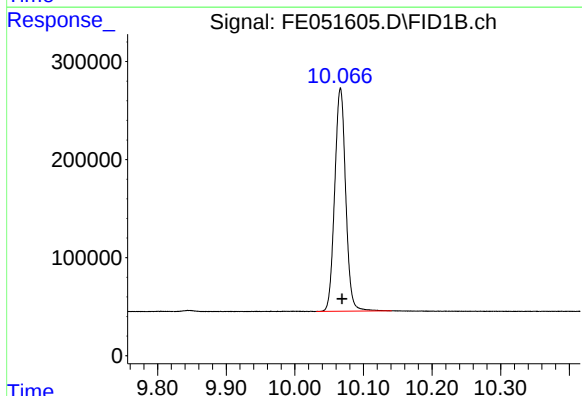
R.T.: 7.278 min
Delta R.T.: -0.014 min
Response: 2124448
Conc: 17.71 ug/ml

Instrument :
FID_E
ClientSampleId :



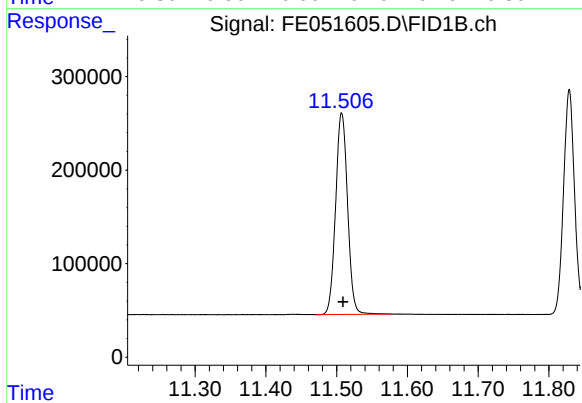
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 2483395
Conc: 17.82 ug/ml



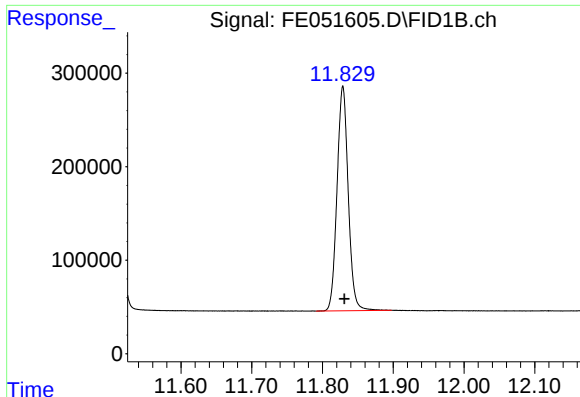
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: -0.003 min
Response: 2529013
Conc: 17.80 ug/ml



#8 n-Octadecane (C18)

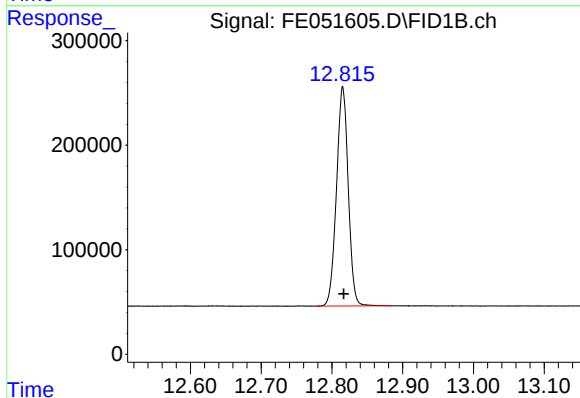
R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 2525364
Conc: 17.57 ug/ml



#9 ortho-Terphenyl (SURR)

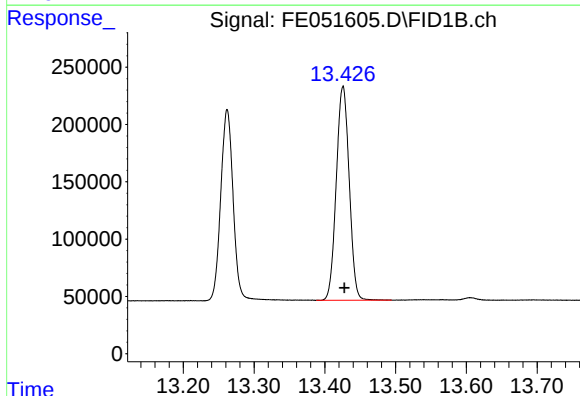
R.T.: 11.829 min
Delta R.T.: -0.002 min
Response: 2634010
Conc: 17.43 ug/ml

Instrument :
FID_E
ClientSampleId :



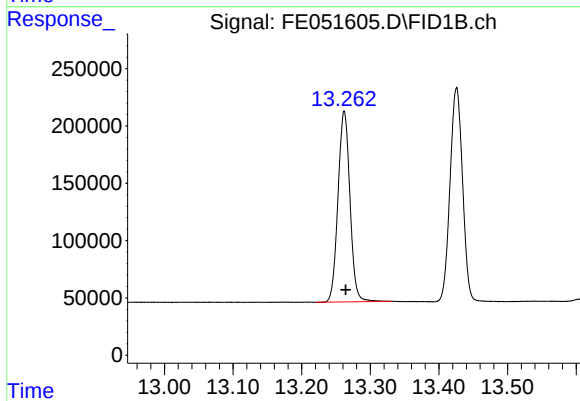
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.001 min
Response: 2418529
Conc: 17.52 ug/ml



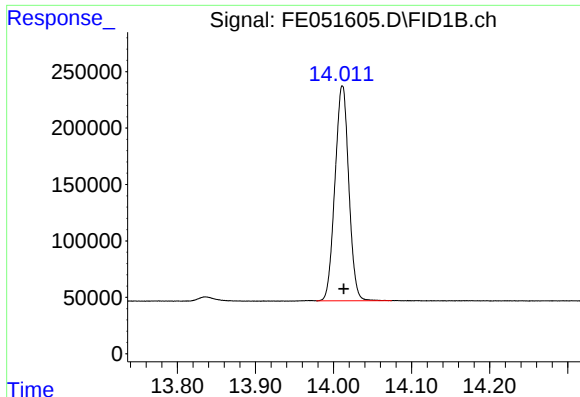
#11 n-Heneicosane (C21)

R.T.: 13.426 min
Delta R.T.: -0.002 min
Response: 2368782
Conc: 17.48 ug/ml



#12 1-chlorooctadecane (SURR)

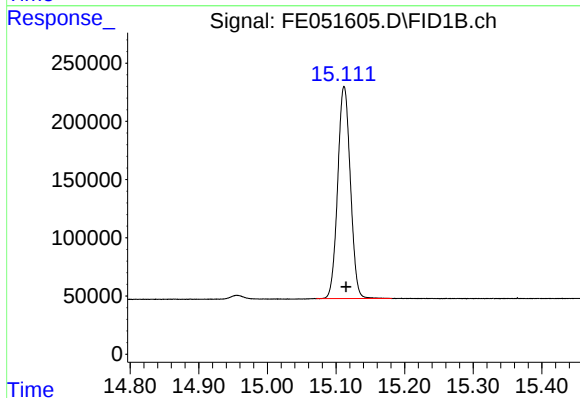
R.T.: 13.262 min
Delta R.T.: -0.002 min
Response: 2013639
Conc: 18.02 ug/ml



#13 n-Docosane (C22)

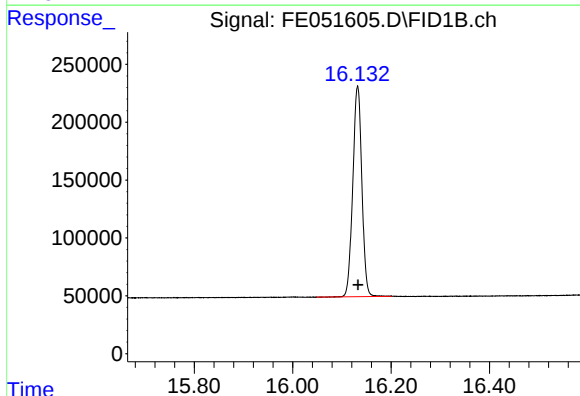
R.T.: 14.011 min
Delta R.T.: -0.002 min
Response: 2342530
Conc: 17.49 ug/ml

Instrument :
FID_E
ClientSampleId :



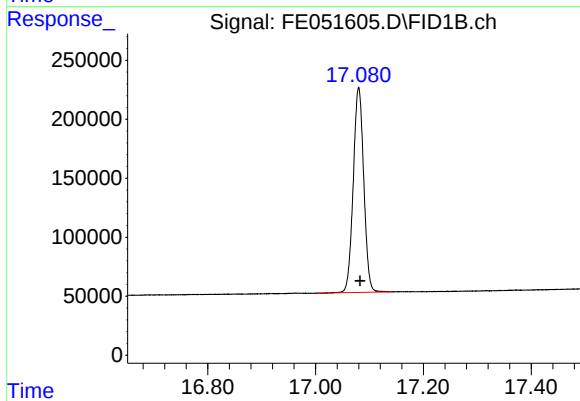
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.003 min
Response: 2333770
Conc: 17.66 ug/ml



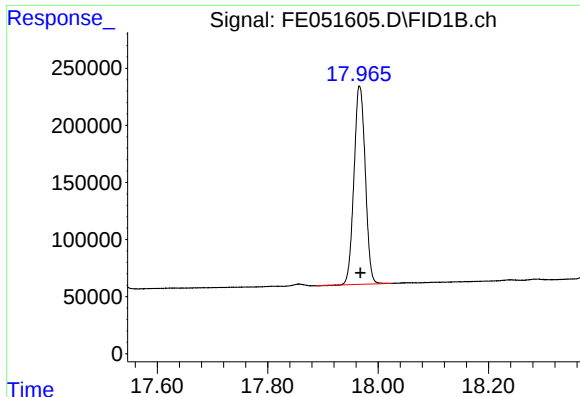
#15 n-Hexacosane (C26)

R.T.: 16.132 min
Delta R.T.: -0.001 min
Response: 2322948
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

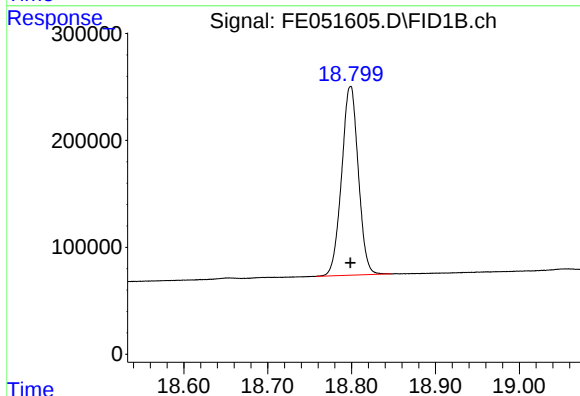
R.T.: 17.080 min
Delta R.T.: -0.002 min
Response: 2346655
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

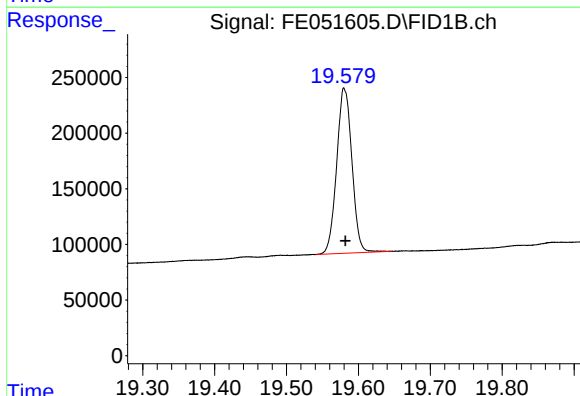
R.T.: 17.967 min
Delta R.T.: 0.000 min
Response: 2463512
Conc: 19.03 ug/ml

Instrument :
FID_E
ClientSampleId :



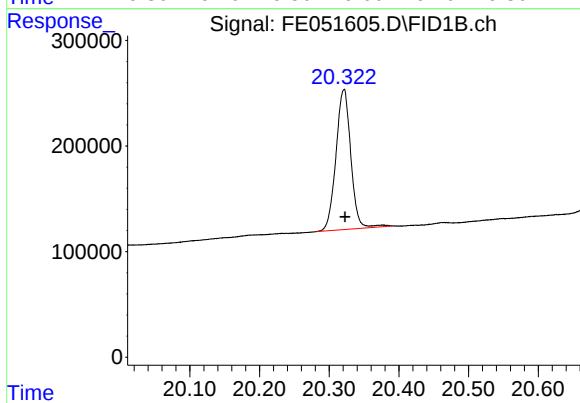
#18 n-Dotriacontane (C32)

R.T.: 18.799 min
Delta R.T.: 0.000 min
Response: 2442946
Conc: 19.51 ug/ml



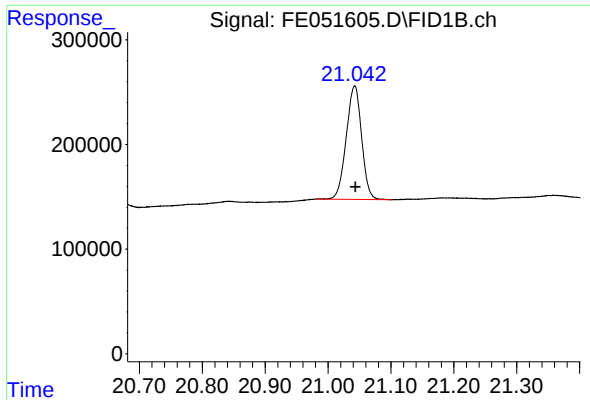
#19 n-Tetratriacontane (C34)

R.T.: 19.581 min
Delta R.T.: -0.001 min
Response: 2193725
Conc: 19.42 ug/ml



#20 n-Hexatriacontane (C36)

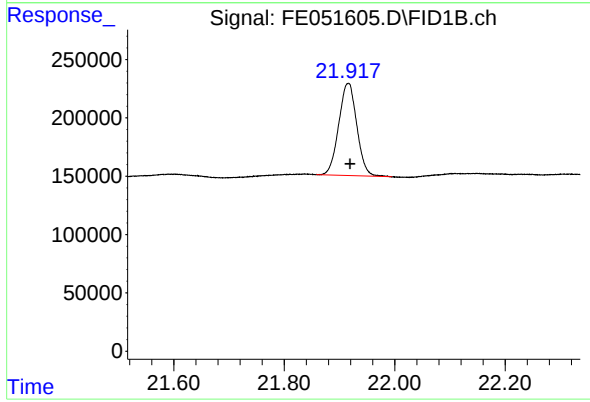
R.T.: 20.321 min
Delta R.T.: -0.002 min
Response: 1971234
Conc: 20.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.042 min
Delta R.T.: -0.001 min
Response: 1843226
Conc: 20.25 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.916 min
Delta R.T.: -0.004 min
Response: 1795573
Conc: 20.49 ug/ml