

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112224AL\
 Data File : FE051404.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2024 12:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 22 13:02:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.838	3249267	21.648 ug/ml
Spiked Amount 50.000		Recovery =	43.30%
12) S 1-chlorooctadecane (S...	13.272	2500812	22.028 ug/ml
Spiked Amount 50.000		Recovery =	44.06%
Target Compounds			
1) T n-Nonane (C9)	3.225	2919015	21.096 ug/ml
2) T n-Decane (C10)	4.473	3003080	21.423 ug/ml
4) T n-Dodecane (C12)	6.641	3022174	21.404 ug/ml
5) T A~2-methylnaphthalene...	7.285	2612842	20.887 ug/ml
6) T n-Tetradecane (C14)	8.469	2977967	21.368 ug/ml
7) T n-Hexadecane (C16)	10.074	3049105	21.487 ug/ml
8) T n-Octadecane (C18)	11.516	3100565	21.712 ug/ml
10) T n-Eicosane (C20)	12.825	3009244	21.989 ug/ml
11) T n-Heneicosane (C21)	13.436	2930855	21.930 ug/ml
13) T n-Docosane (C22)	14.022	2976135	22.385 ug/ml
14) T n-Tetracosane (C24)	15.123	2993360	22.565 ug/ml
15) T n-Hexacosane (C26)	16.143	2955429	22.077 ug/ml
16) T n-Octacosane (C28)	17.092	2961962	21.727 ug/ml
17) T n-Tricontane (C30)	17.978	3035731	20.895 ug/ml
18) T n-Dotriacontane (C32)	18.810	2984089	20.097 ug/ml
19) T n-Tetratriacontane (C34)	19.595	2536852	18.880 ug/ml
20) T n-Hexatriacontane (C36)	20.334	2115377	17.729 ug/ml
21) T n-Octatriacontane (C38)	21.056	1979449	17.392 ug/ml
22) T n-Tetracontane (C40)	21.935	1757477	15.802 ug/ml

(f)=RT Delta > 1/2 Window

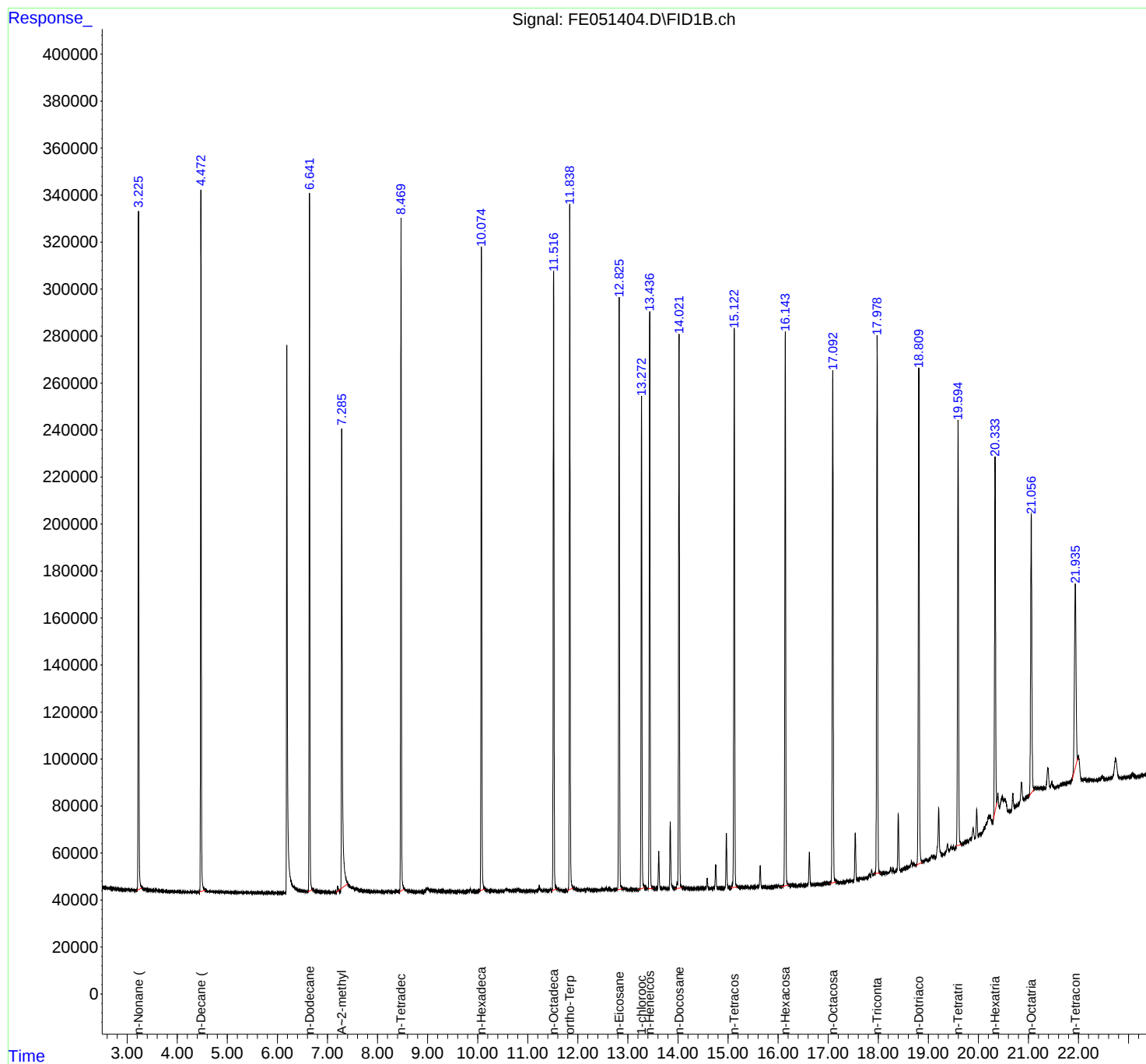
(m)=manual int.

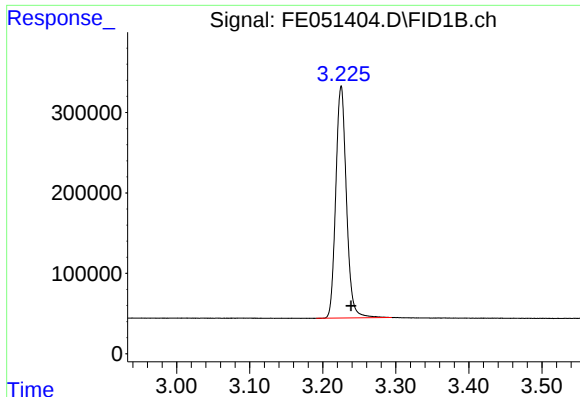
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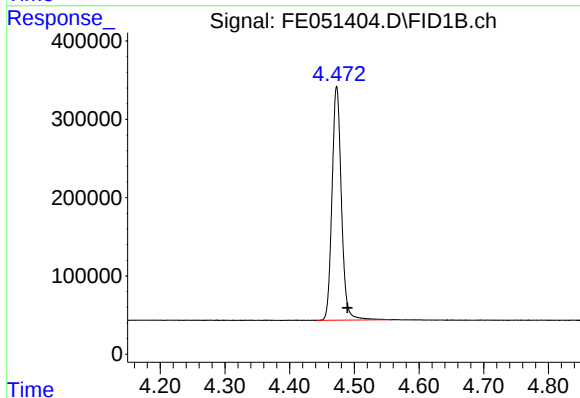




#1 n-Nonane (C9)

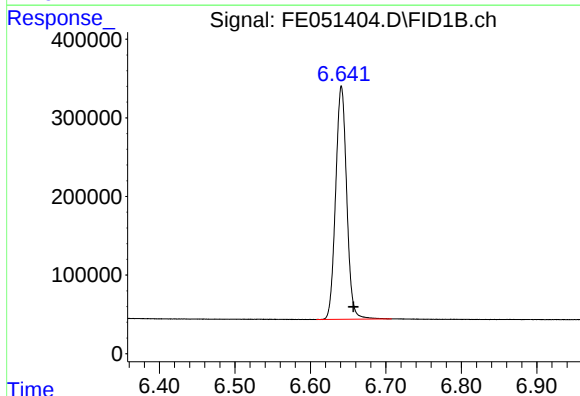
R.T.: 3.225 min
Delta R.T.: -0.014 min
Response: 2919015
Conc: 21.10 ug/ml

Instrument :
FID_E
ClientSampleId :



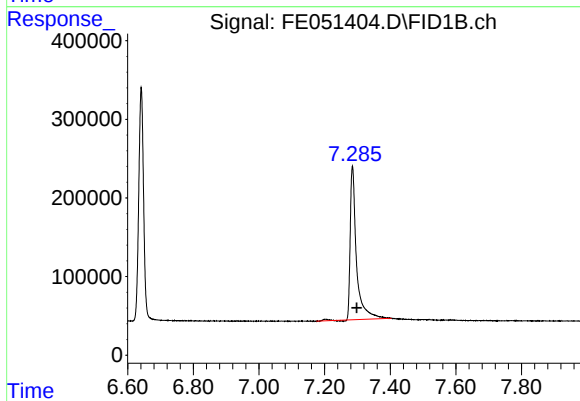
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.016 min
Response: 3003080
Conc: 21.42 ug/ml



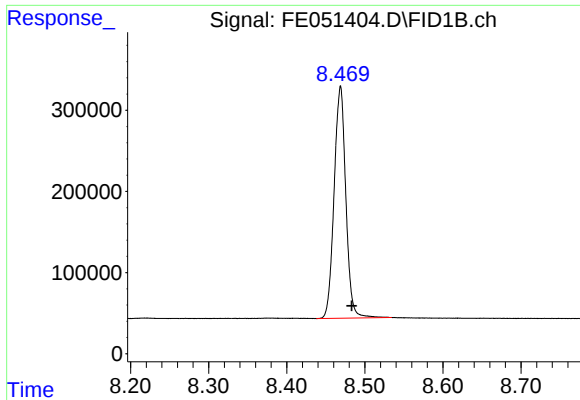
#4 n-Dodecane (C12)

R.T.: 6.641 min
Delta R.T.: -0.016 min
Response: 3022174
Conc: 21.40 ug/ml



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

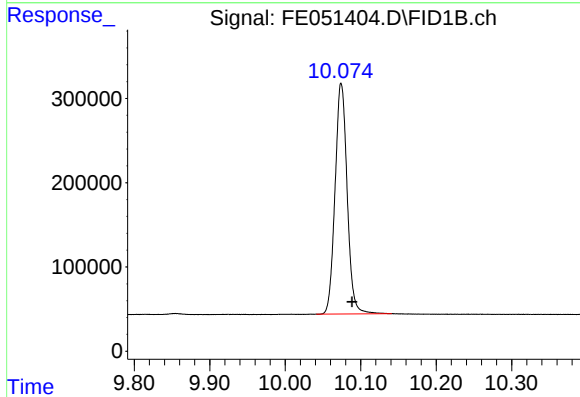
R.T.: 7.285 min
Delta R.T.: -0.013 min
Response: 2612842
Conc: 20.89 ug/ml



#6 n-Tetradecane (C14)

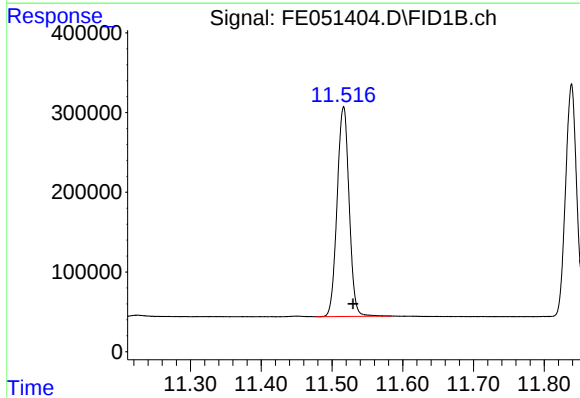
R.T.: 8.469 min
Delta R.T.: -0.015 min
Response: 2977967
Conc: 21.37 ug/ml

Instrument :
FID_E
ClientSampleId :



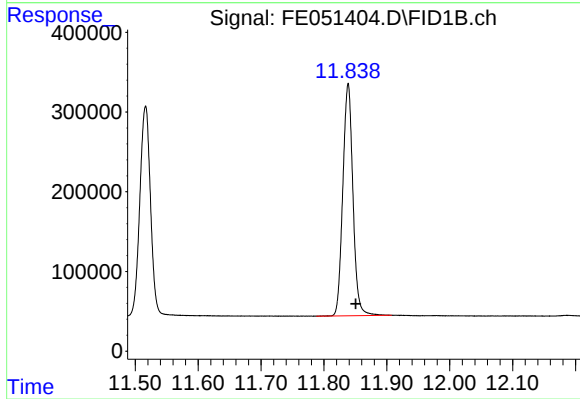
#7 n-Hexadecane (C16)

R.T.: 10.074 min
Delta R.T.: -0.014 min
Response: 3049105
Conc: 21.49 ug/ml



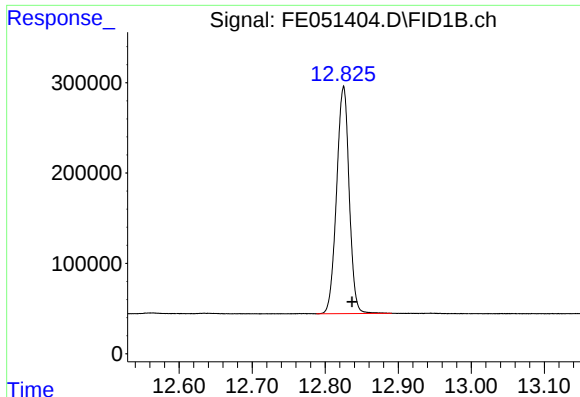
#8 n-Octadecane (C18)

R.T.: 11.516 min
Delta R.T.: -0.014 min
Response: 3100565
Conc: 21.71 ug/ml



#9 ortho-Terphenyl (SURR)

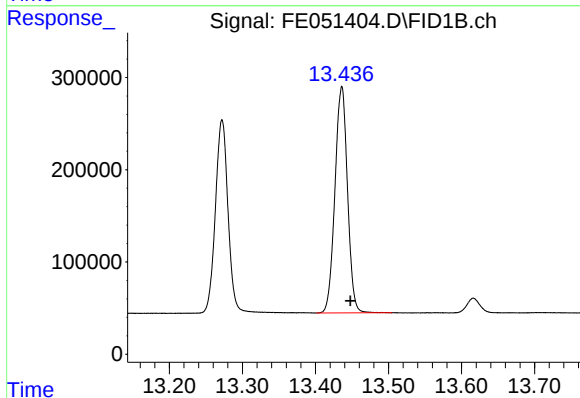
R.T.: 11.838 min
Delta R.T.: -0.012 min
Response: 3249267
Conc: 21.65 ug/ml



#10 n-Eicosane (C20)

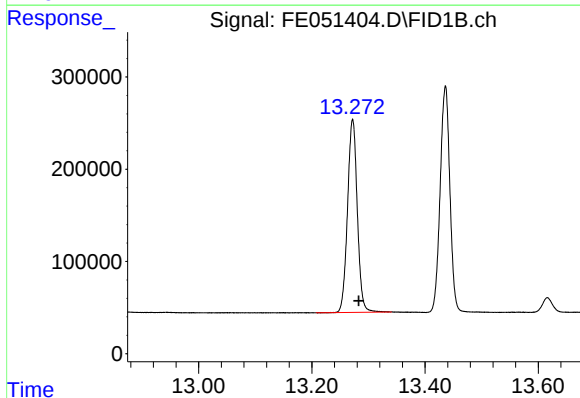
R.T.: 12.825 min
Delta R.T.: -0.012 min
Response: 3009244
Conc: 21.99 ug/ml

Instrument :
FID_E
ClientSampleId :



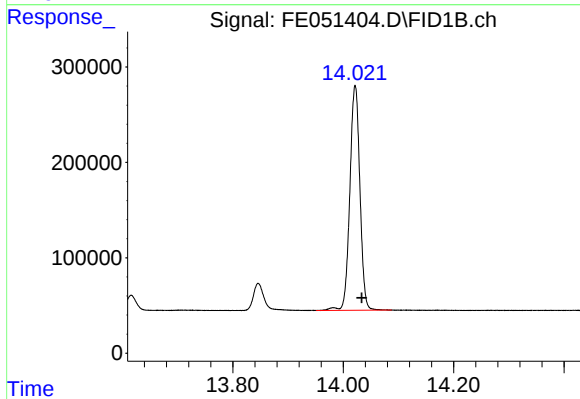
#11 n-Heneicosane (C21)

R.T.: 13.436 min
Delta R.T.: -0.012 min
Response: 2930855
Conc: 21.93 ug/ml



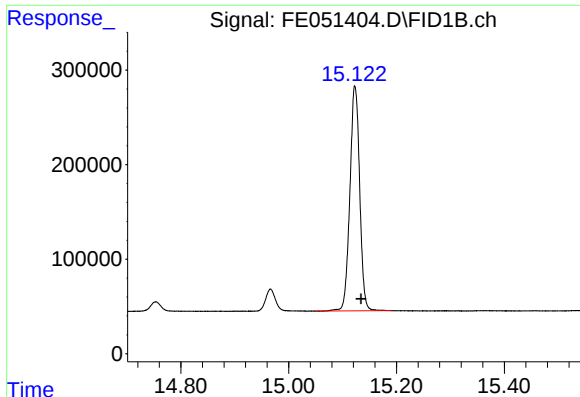
#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.011 min
Response: 2500812
Conc: 22.03 ug/ml



#13 n-Docosane (C22)

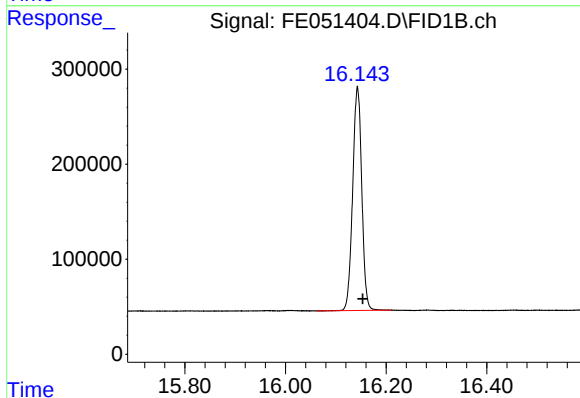
R.T.: 14.022 min
Delta R.T.: -0.012 min
Response: 2976135
Conc: 22.39 ug/ml



#14 n-Tetracosane (C24)

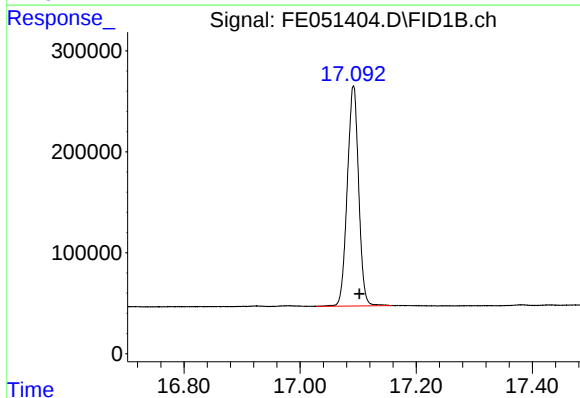
R.T.: 15.123 min
Delta R.T.: -0.011 min
Response: 2993360
Conc: 22.56 ug/ml

Instrument :
FID_E
ClientSampleId :



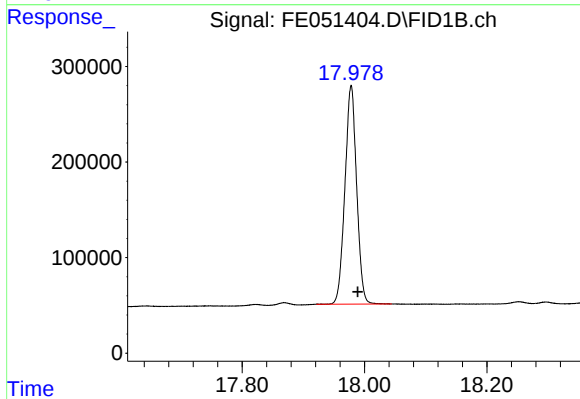
#15 n-Hexacosane (C26)

R.T.: 16.143 min
Delta R.T.: -0.010 min
Response: 2955429
Conc: 22.08 ug/ml



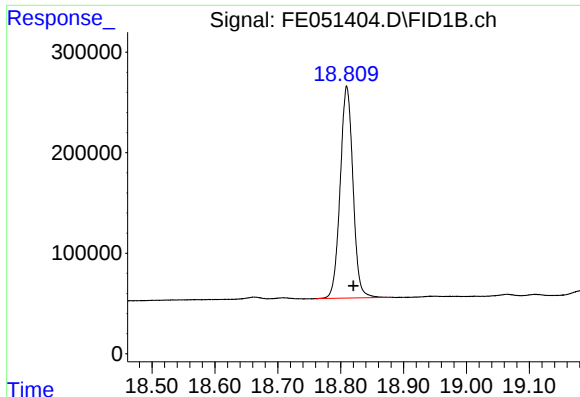
#16 n-Octacosane (C28)

R.T.: 17.092 min
Delta R.T.: -0.010 min
Response: 2961962
Conc: 21.73 ug/ml



#17 n-Tricontane (C30)

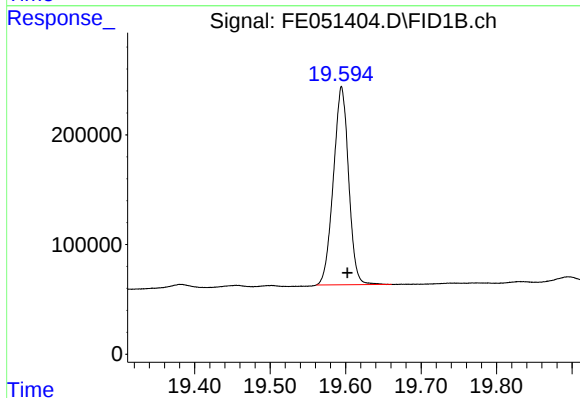
R.T.: 17.978 min
Delta R.T.: -0.011 min
Response: 3035731
Conc: 20.89 ug/ml



#18 n-Dotriacontane (C32)

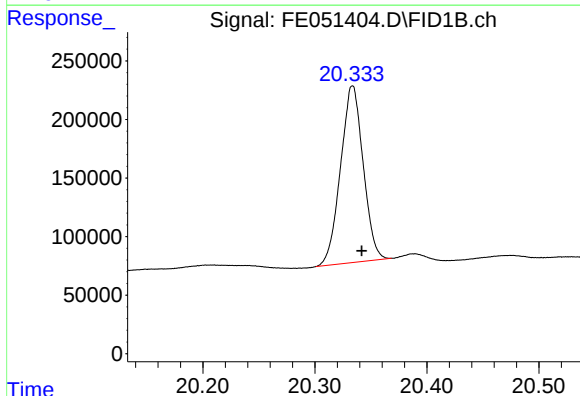
R.T.: 18.810 min
Delta R.T.: -0.010 min
Response: 2984089
Conc: 20.10 ug/ml

Instrument :
FID_E
ClientSampleId :



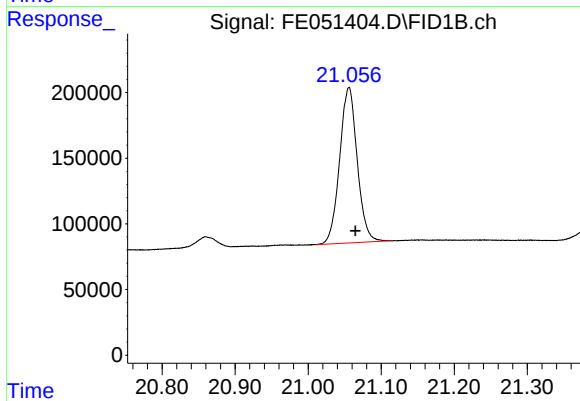
#19 n-Tetratriacontane (C34)

R.T.: 19.595 min
Delta R.T.: -0.008 min
Response: 2536852
Conc: 18.88 ug/ml



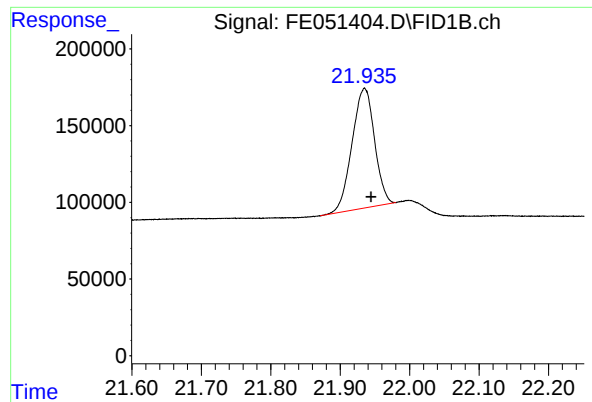
#20 n-Hexatriacontane (C36)

R.T.: 20.334 min
Delta R.T.: -0.008 min
Response: 2115377
Conc: 17.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.056 min
Delta R.T.: -0.009 min
Response: 1979449
Conc: 17.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.935 min
Delta R.T.: -0.010 min
Response: 1757477
Conc: 15.80 ug/ml

Instrument :
FID_E
ClientSampleId :