

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120424AL\
 Data File : FE051521.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2024 09:16
 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 05 00:06:20 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)	11.828	2951983	19.534 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	13.261	2237542	20.022 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T n-Nonane (C9)	3.222	2675342	19.089 ug/ml
2) T n-Decane (C10)	4.469	2760997	19.470 ug/ml
3) T A~Naphthalene (C11.7)	6.183	2518070	19.048 ug/ml
4) T n-Dodecane (C12)	6.635	2785077	19.566 ug/ml
5) T A~2-methylnaphthalene...	7.279	2319677	19.336 ug/ml
6) T n-Tetradecane (C14)	8.462	2719186	19.507 ug/ml
7) T n-Hexadecane (C16)	10.067	2801382	19.717 ug/ml
8) T n-Octadecane (C18)	11.507	2810591	19.557 ug/ml
10) T n-Eicosane (C20)	12.815	2715468	19.671 ug/ml
11) T n-Heneicosane (C21)	13.425	2662601	19.643 ug/ml
13) T n-Docosane (C22)	14.011	2684322	20.047 ug/ml
14) T n-Tetracosane (C24)	15.112	2666836	20.183 ug/ml
15) T n-Hexacosane (C26)	16.131	2672221	20.607 ug/ml
16) T n-Octacosane (C28)	17.079	2689840	21.098 ug/ml
17) T n-Tricontane (C30)	17.966	2824156	21.811 ug/ml
18) T n-Dotriacontane (C32)	18.797	2866608	22.898 ug/ml
19) T n-Tetratriacontane (C34)	19.580	2676907	23.702 ug/ml
20) T n-Hexatriacontane (C36)	20.319	2343159	24.330 ug/ml
21) T n-Octatriacontane (C38)	21.038	2185222	24.001 ug/ml
22) T n-Tetracontane (C40)	21.910	2048663	23.377 ug/ml

(f)=RT Delta > 1/2 Window

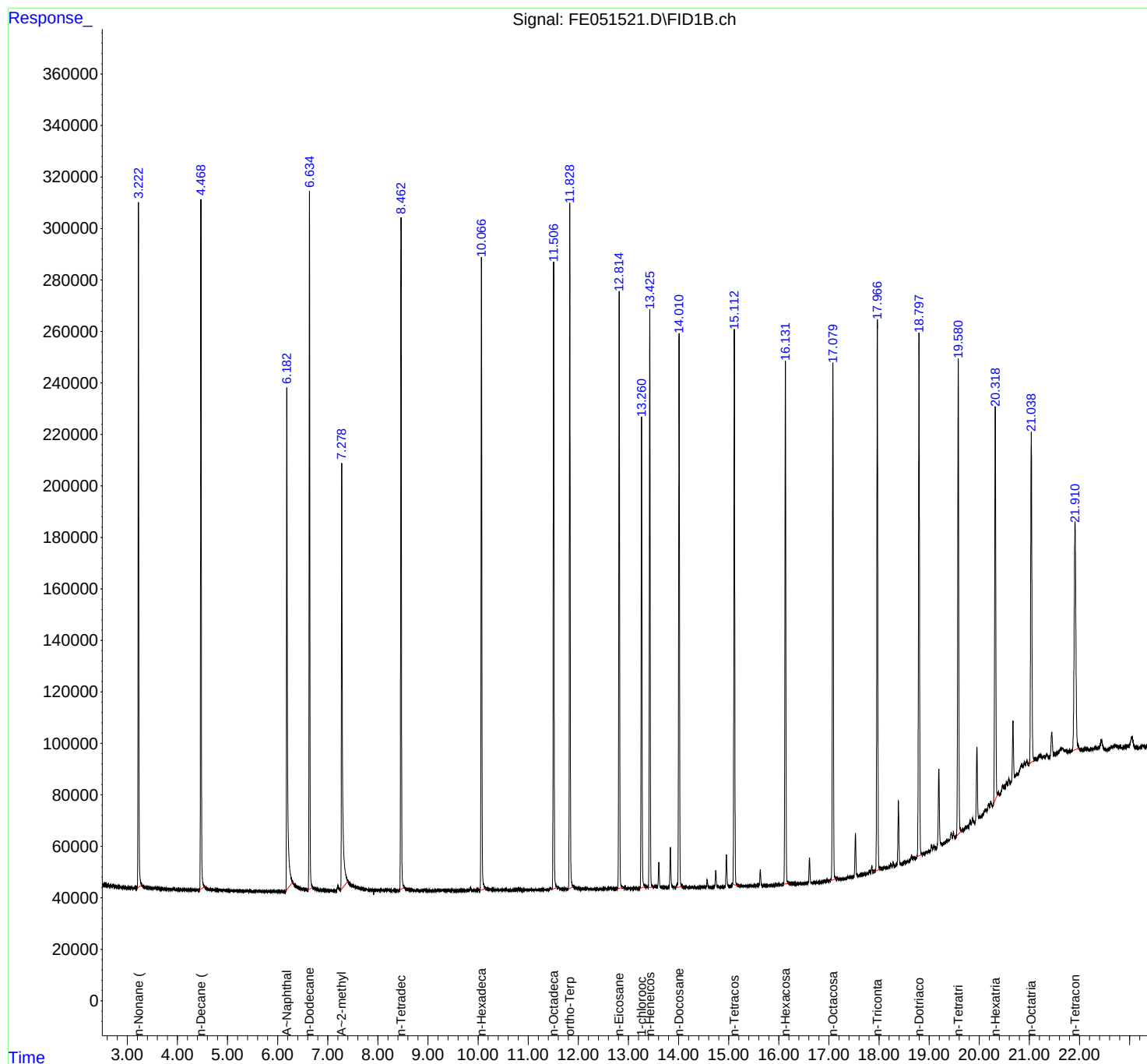
(m)=manual int.

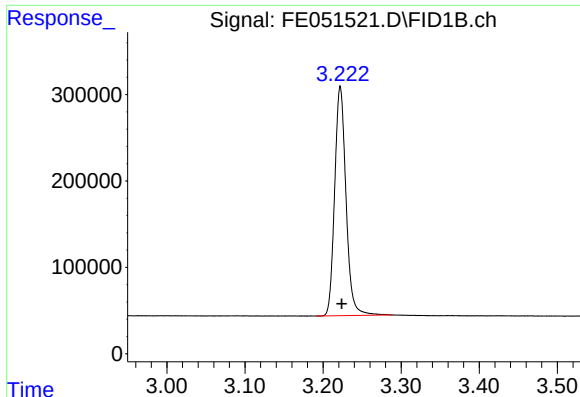
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120424AL\
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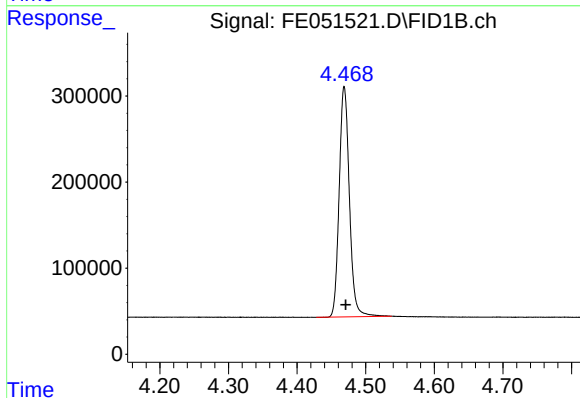




#1 n-Nonane (C9)

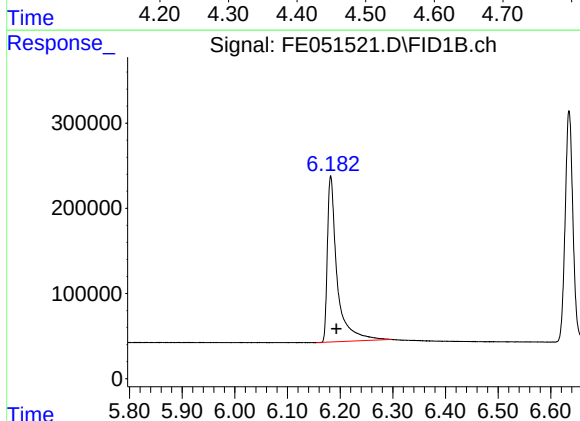
R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 2675342
Conc: 19.09 ug/ml

Instrument :
FID_E
ClientSampleId :



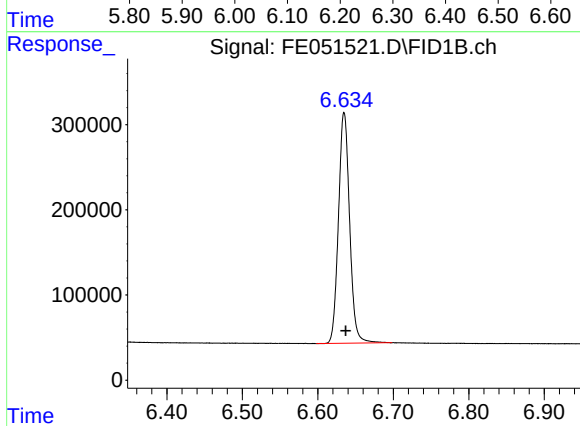
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 2760997
Conc: 19.47 ug/ml



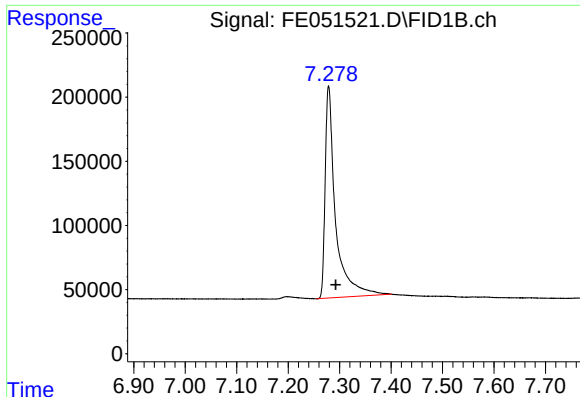
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: -0.010 min
Response: 2518070
Conc: 19.05 ug/ml



#4 n-Dodecane (C12)

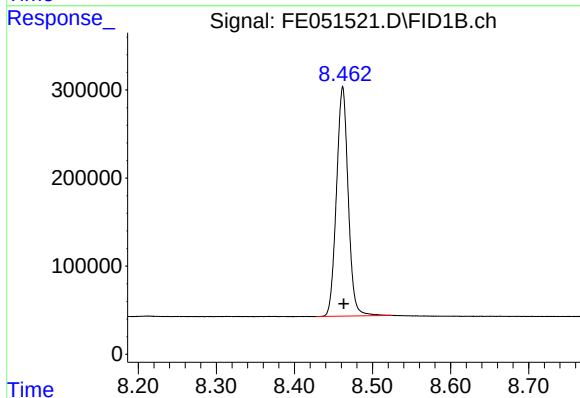
R.T.: 6.635 min
Delta R.T.: -0.002 min
Response: 2785077
Conc: 19.57 ug/ml



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

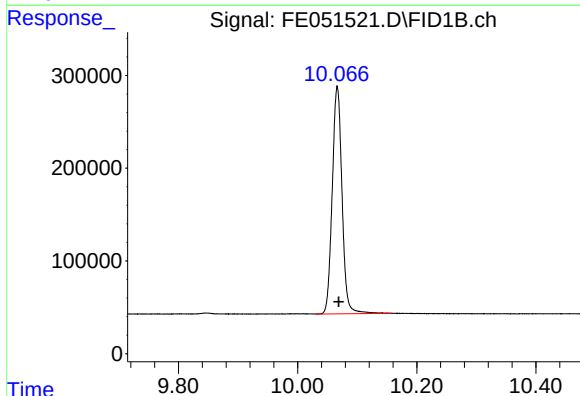
R.T.: 7.279 min
Delta R.T.: -0.013 min
Response: 2319677
Conc: 19.34 ug/ml

Instrument :
FID_E
ClientSampleId :



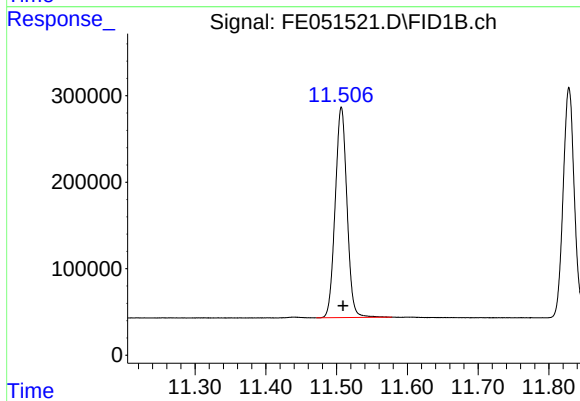
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: -0.002 min
Response: 2719186
Conc: 19.51 ug/ml



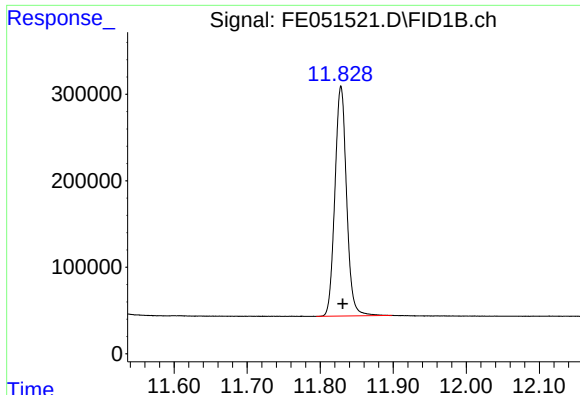
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: -0.002 min
Response: 2801382
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

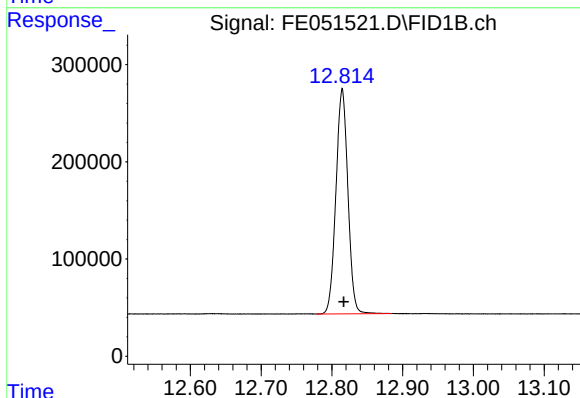
R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 2810591
Conc: 19.56 ug/ml



#9 ortho-Terphenyl (SURR)

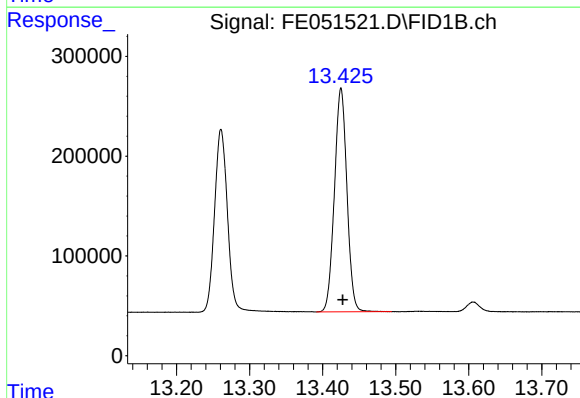
R.T.: 11.828 min
Delta R.T.: -0.003 min
Response: 2951983
Conc: 19.53 ug/ml

Instrument :
FID_E
ClientSampleId :



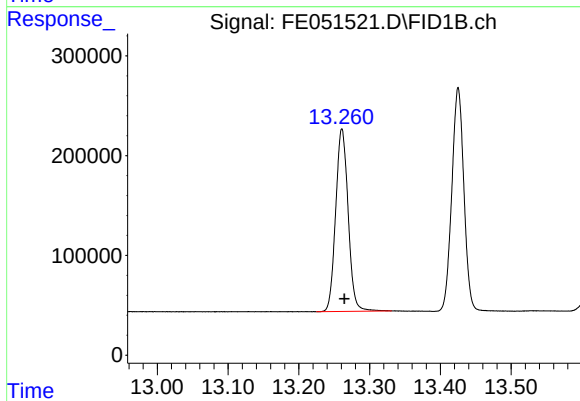
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 2715468
Conc: 19.67 ug/ml



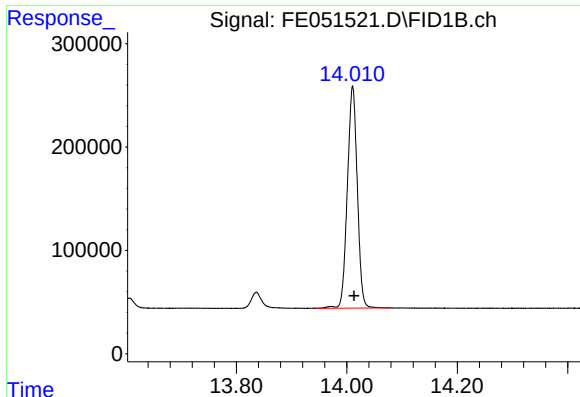
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.003 min
Response: 2662601
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

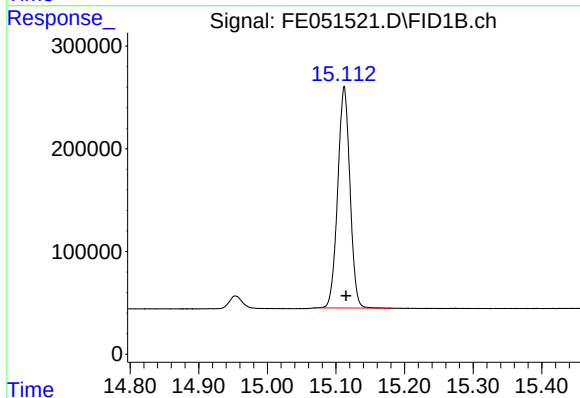
R.T.: 13.261 min
Delta R.T.: -0.003 min
Response: 2237542
Conc: 20.02 ug/ml



#13 n-Docosane (C22)

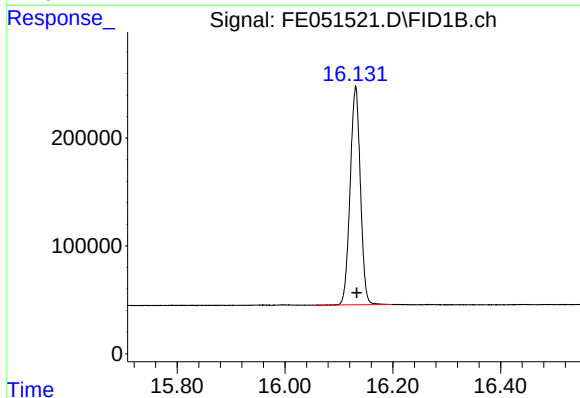
R.T.: 14.011 min
Delta R.T.: -0.003 min
Response: 2684322
Conc: 20.05 ug/ml

Instrument :
FID_E
ClientSampleId :



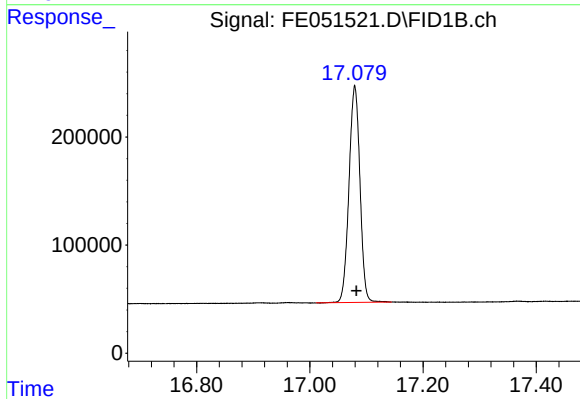
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.003 min
Response: 2666836
Conc: 20.18 ug/ml



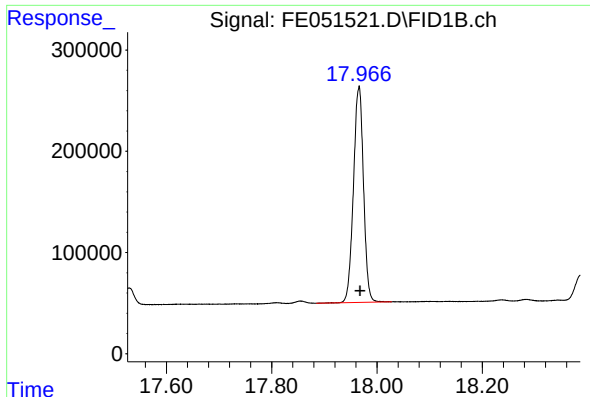
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.002 min
Response: 2672221
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

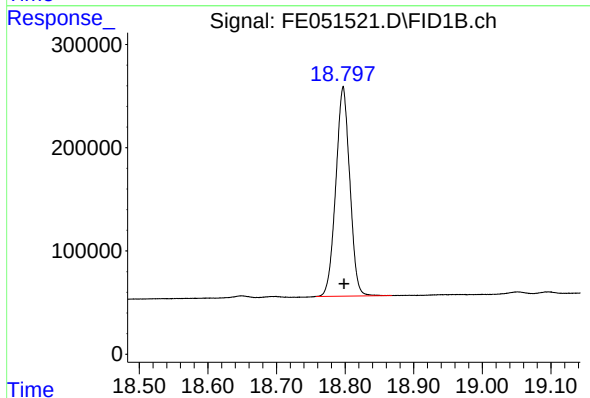
R.T.: 17.079 min
Delta R.T.: -0.003 min
Response: 2689840
Conc: 21.10 ug/ml



#17 n-Tricontane (C30)

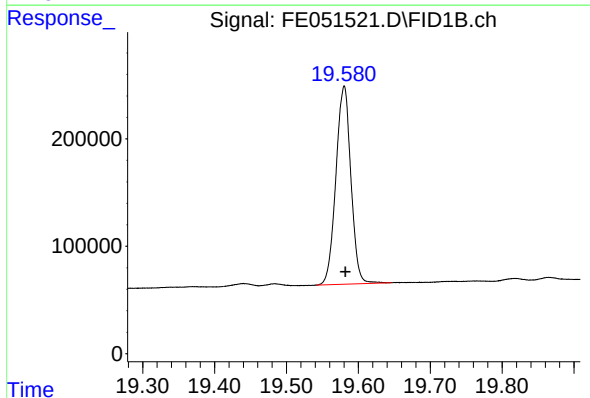
R.T.: 17.966 min
Delta R.T.: -0.002 min
Response: 2824156
Conc: 21.81 ug/ml

Instrument :
FID_E
ClientSampleId :



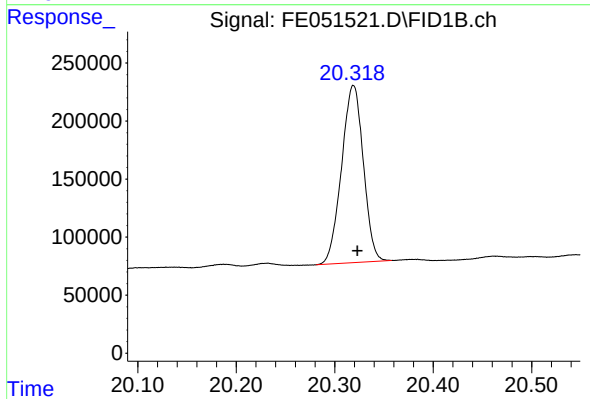
#18 n-Dotriacontane (C32)

R.T.: 18.797 min
Delta R.T.: -0.001 min
Response: 2866608
Conc: 22.90 ug/ml



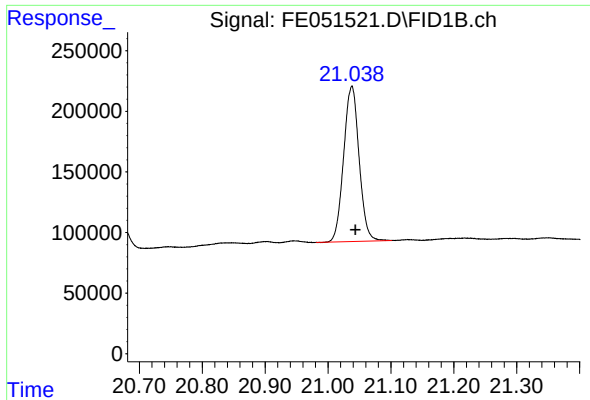
#19 n-Tetratriacontane (C34)

R.T.: 19.580 min
Delta R.T.: -0.002 min
Response: 2676907
Conc: 23.70 ug/ml



#20 n-Hexatriacontane (C36)

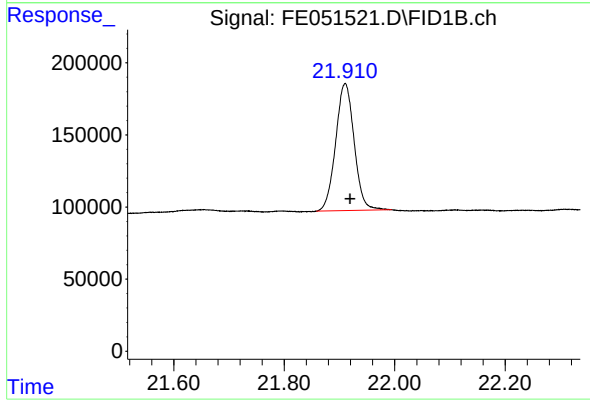
R.T.: 20.319 min
Delta R.T.: -0.004 min
Response: 2343159
Conc: 24.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.038 min
Delta R.T.: -0.006 min
Response: 2185222
Conc: 24.00 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.910 min
Delta R.T.: -0.009 min
Response: 2048663
Conc: 23.38 ug/ml