

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022125AL\
 Data File : FE052454.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2025 22:46
 Operator : YP\AJ
 Sample : Q1400-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 23:09:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 Qlast Update : Fri Feb 14 00:50:00 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)	11.917	5589803	29.903 ug/ml
Spiked Amount 50.000		Recovery =	59.81%
12) S 1-chlorooctadecane (S...	13.362	7050962	50.728 ug/ml
Spiked Amount 50.000		Recovery =	101.46%
Target Compounds			
1) T n-Nonane (C9)	3.250	432008	2.814 ug/ml
2) T n-Decane (C10)	4.515	3365778	21.549 ug/ml
3) T A~Naphthalene (C11.7)	6.256	2800600	16.210 ug/ml
4) T n-Dodecane (C12)	6.703	11901071	75.399 ug/ml
5) T A~2-methylnaphthalene...	7.328	5309507	31.614 ug/ml
6) T n-Tetradecane (C14)	8.542	13126560	83.336 ug/ml
7) T n-Hexadecane (C16)	10.153	6098776	37.315 ug/ml
8) T n-Octadecane (C18)	11.600	1543745	9.330 ug/ml
10) T n-Eicosane (C20)	12.914	645884	4.051 ug/ml
11) T n-Heneicosane (C21)	13.530	445431	2.843 ug/ml
13) T n-Docosane (C22)	14.117	457027	2.920 ug/ml
14) T n-Tetracosane (C24)	15.224	180667	1.149 ug/ml
15) T n-Hexacosane (C26)	16.250	215090	1.389 ug/ml
16) T n-Octacosane (C28)	17.202	410101	2.681 ug/ml
17) T n-Tricontane (C30)	18.093	502883	3.222 ug/ml
18) T n-Dotriacontane (C32)	18.926	302913	1.980 ug/ml
19) T n-Tetratriacontane (C34)	19.716	253090	1.779 ug/ml
20) T n-Hexatriacontane (C36)	20.457	149525	1.200 ug/ml
21) T n-Octatriacontane (C38)	21.203	154524	1.414 ug/ml
22) T n-Tetracontane (C40)	22.123	710728	7.066 ug/ml

(f)=RT Delta > 1/2 Window

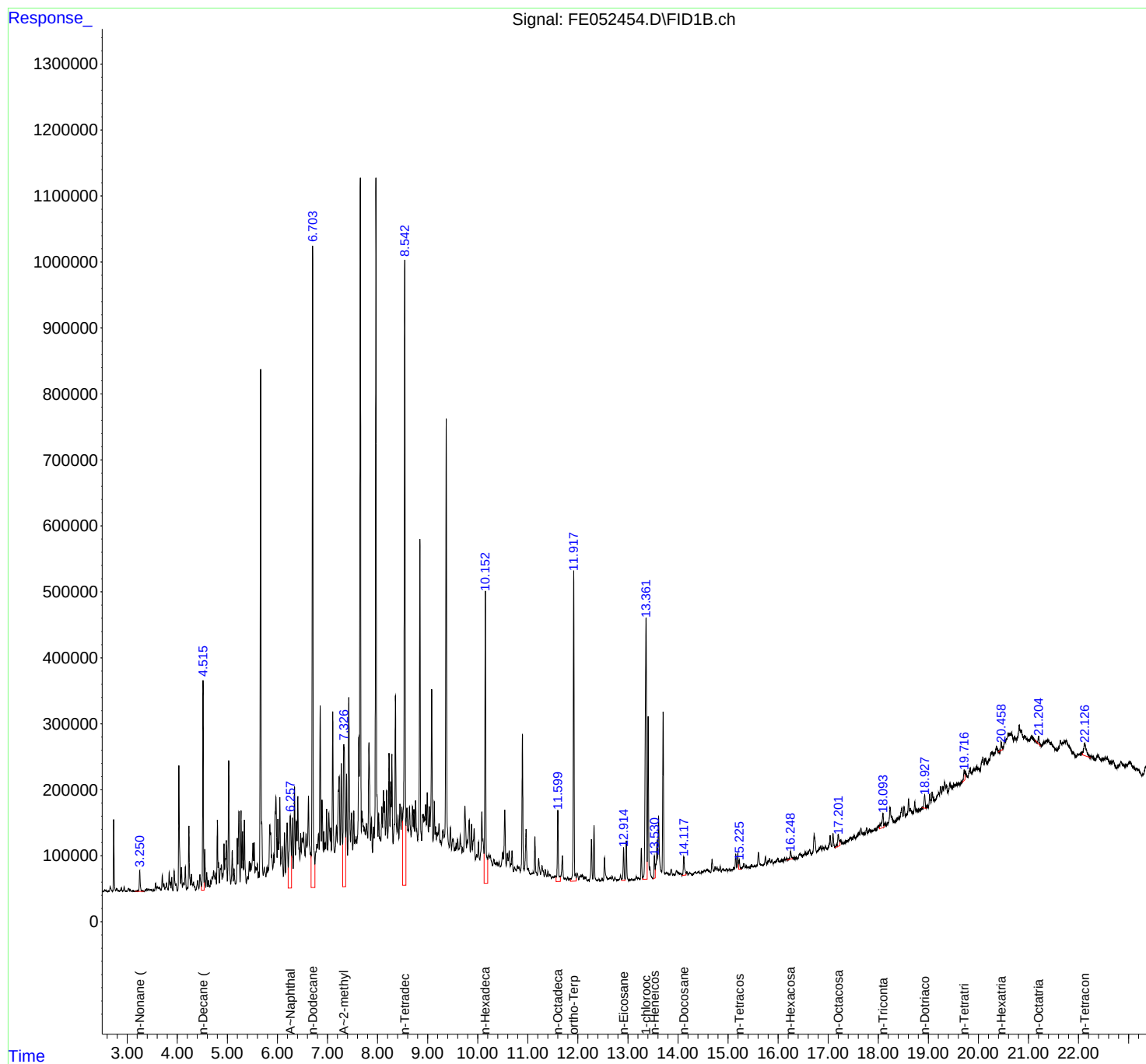
(m)=manual int.

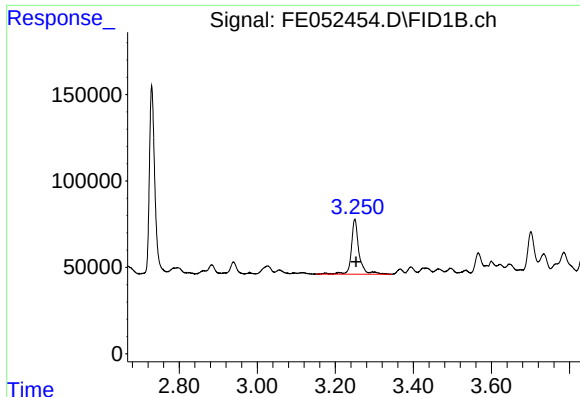
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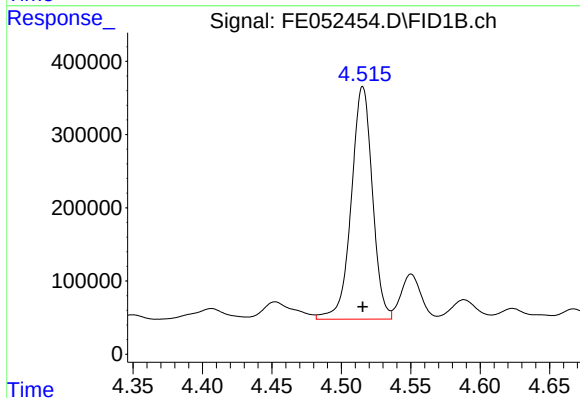




#1 n-Nonane (C9)

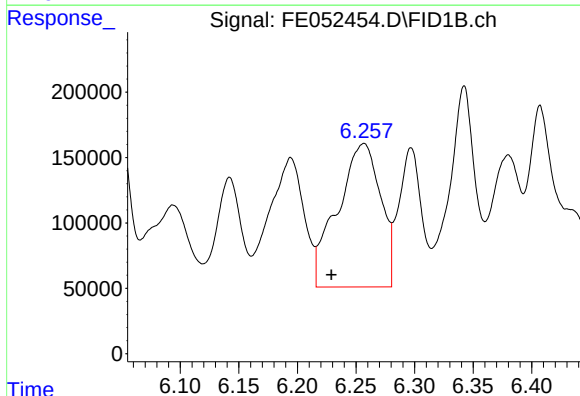
R.T.: 3.250 min
Delta R.T.: -0.003 min
Response: 432008
Conc: 2.81 ug/ml

Instrument :
FID_E
ClientSampleId :



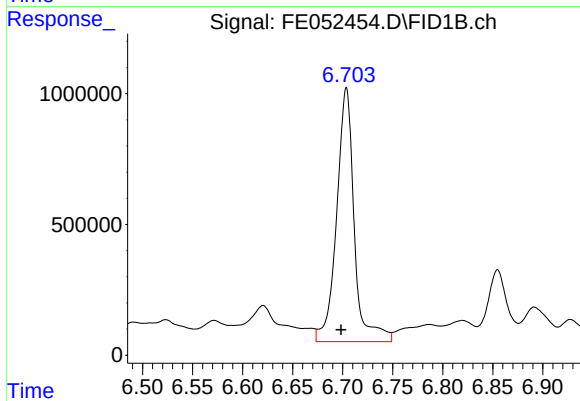
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 3365778
Conc: 21.55 ug/ml



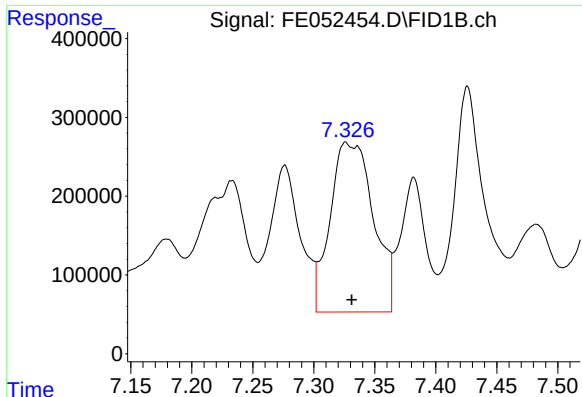
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.027 min
Response: 2800600
Conc: 16.21 ug/ml



#4 n-Dodecane (C12)

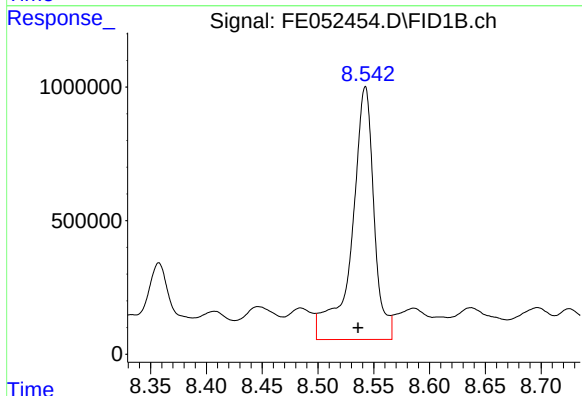
R.T.: 6.703 min
Delta R.T.: 0.005 min
Response: 11901071
Conc: 75.40 ug/ml



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

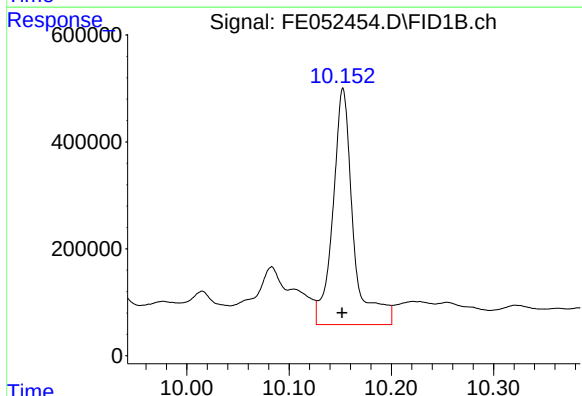
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 5309507
Conc: 31.61 ug/ml

Instrument :
FID_E
ClientSampleId :



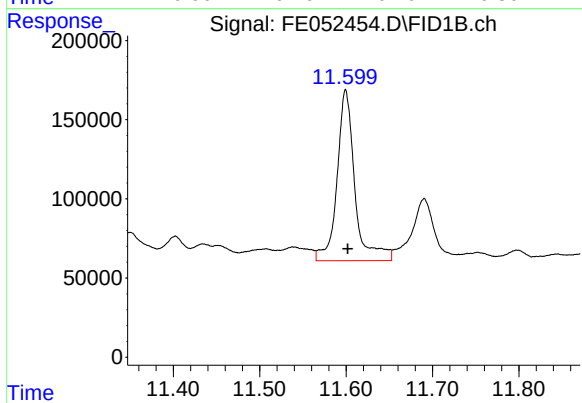
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: 0.006 min
Response: 13126560
Conc: 83.34 ug/ml



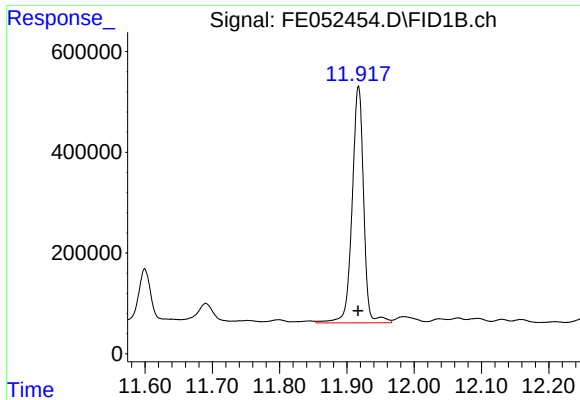
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: 0.000 min
Response: 6098776
Conc: 37.32 ug/ml



#8 n-Octadecane (C18)

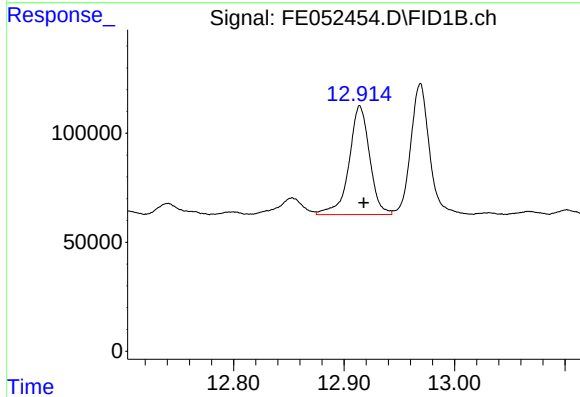
R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 1543745
Conc: 9.33 ug/ml



#9 ortho-Terphenyl (SURR)

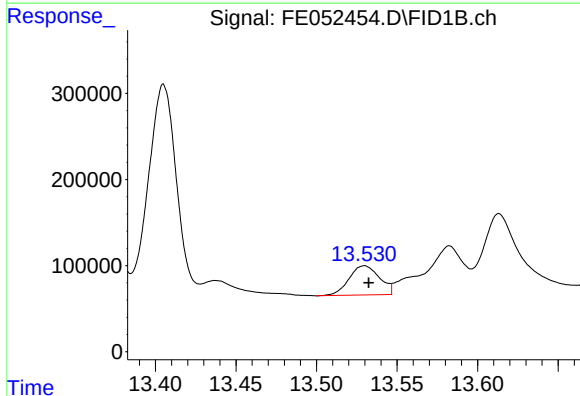
R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 5589803
Conc: 29.90 ug/ml

Instrument :
FID_E
ClientSampleId :



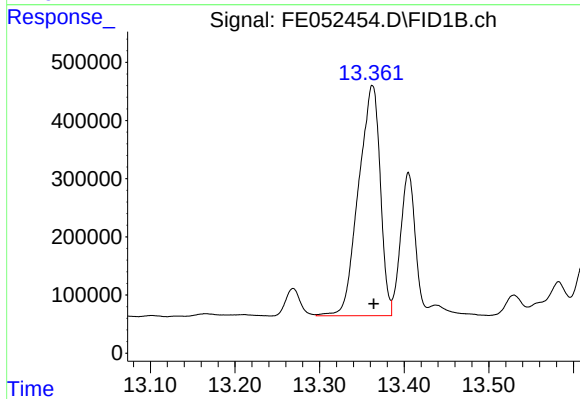
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.003 min
Response: 645884
Conc: 4.05 ug/ml



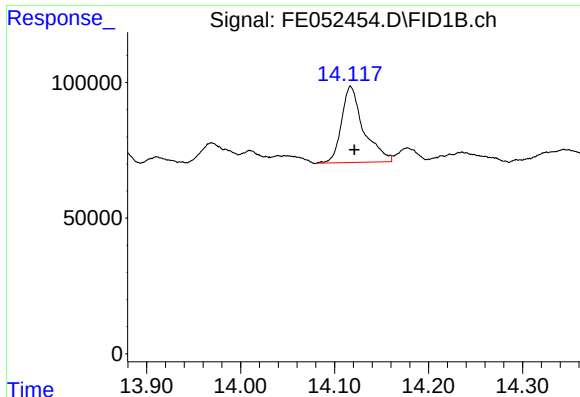
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.003 min
Response: 445431
Conc: 2.84 ug/ml



#12 1-chlorooctadecane (SURR)

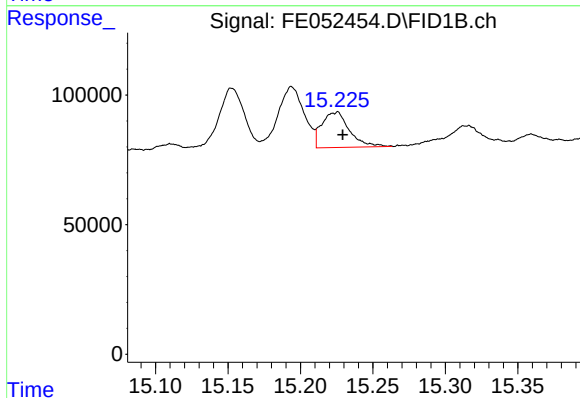
R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 7050962
Conc: 50.73 ug/ml



#13 n-Docosane (C22)

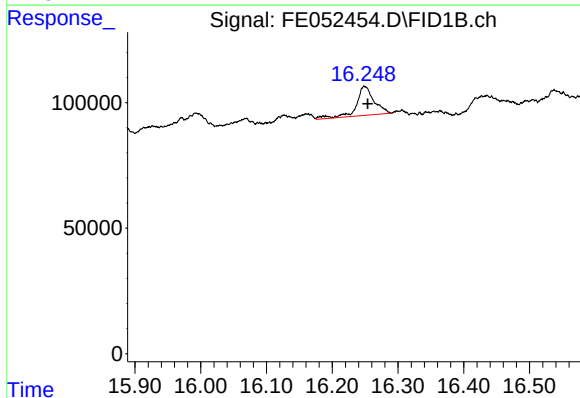
R.T.: 14.117 min
Delta R.T.: -0.004 min
Response: 457027
Conc: 2.92 ug/ml

Instrument :
FID_E
ClientSampleId :



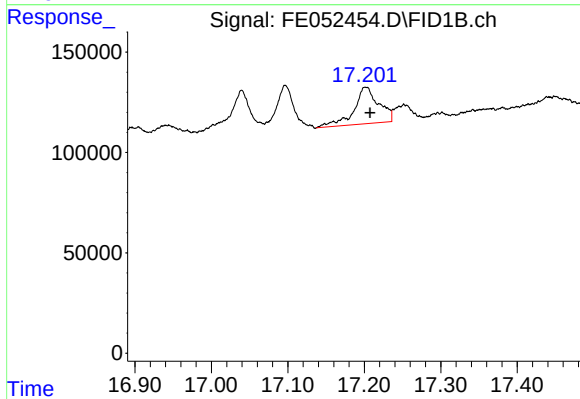
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.005 min
Response: 180667
Conc: 1.15 ug/ml



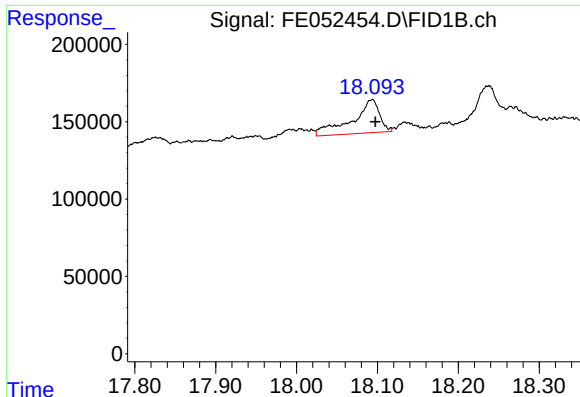
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.004 min
Response: 215090
Conc: 1.39 ug/ml



#16 n-Octacosane (C28)

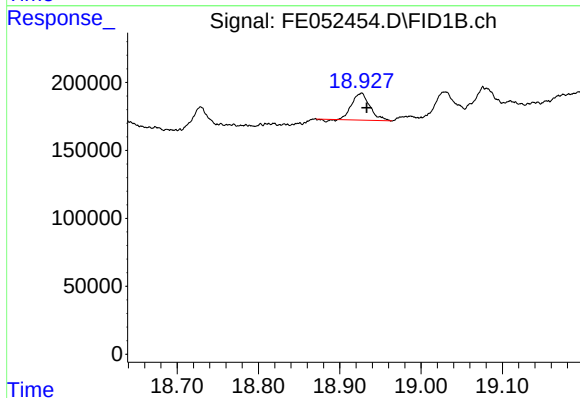
R.T.: 17.202 min
Delta R.T.: -0.006 min
Response: 410101
Conc: 2.68 ug/ml



#17 n-Tricontane (C30)

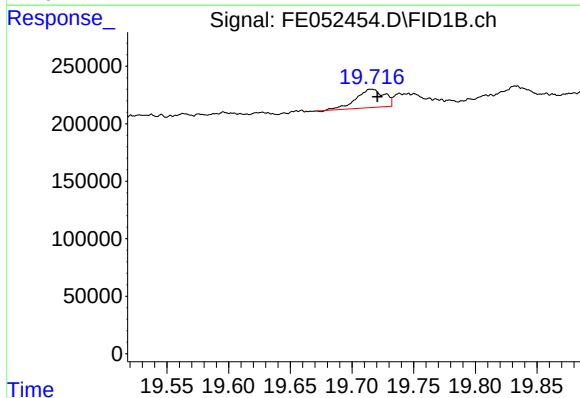
R.T.: 18.093 min
Delta R.T.: -0.004 min
Response: 502883
Conc: 3.22 ug/ml

Instrument :
FID_E
ClientSampleId :



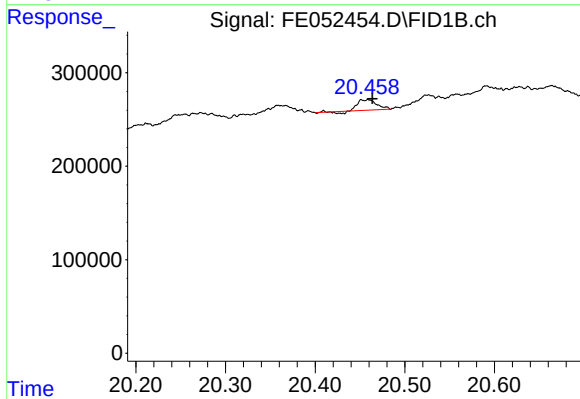
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.007 min
Response: 302913
Conc: 1.98 ug/ml



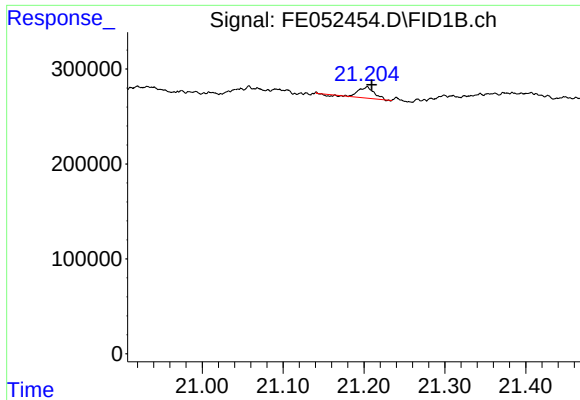
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.005 min
Response: 253090
Conc: 1.78 ug/ml



#20 n-Hexatriacontane (C36)

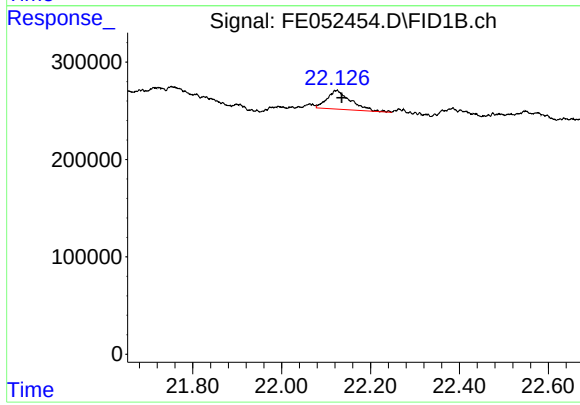
R.T.: 20.457 min
Delta R.T.: -0.006 min
Response: 149525
Conc: 1.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.006 min
Response: 154524
Conc: 1.41 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.012 min
Response: 710728
Conc: 7.07 ug/ml