

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054161.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 19:57
 Operator : YP\AJ
 Sample : Q2174-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 D2

Integration File: autoint1.e
 Quant Time: Jun 04 02:54:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.838	3203354	19.711 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
12) S 1-chlorooctadecane (S...	13.282	2534826	21.382 ug/ml
Spiked Amount 50.000		Recovery =	42.76%
Target Compounds			
1) T n-Nonane (C9)	3.183	62073	0.459 ug/ml
2) T n-Decane (C10)	4.446	143064	1.059 ug/ml
3) T A~Naphthalene (C11.7)	6.205	413357	2.876 ug/ml
4) T n-Dodecane (C12)	6.630	709751	5.203 ug/ml
5) T A~2-methylnaphthalene...	7.268	585163	4.219 ug/ml
6) T n-Tetradecane (C14)	8.463	1504120	11.146 ug/ml
7) T n-Hexadecane (C16)	10.076	1265198	9.376 ug/ml
8) T n-Octadecane (C18)	11.522	839146	6.232 ug/ml
10) T n-Eicosane (C20)	12.835	736439	5.603 ug/ml
11) T n-Heneicosane (C21)	13.449	546445	4.215 ug/ml
13) T n-Docosane (C22)	14.035	352884	2.766 ug/ml
14) T n-Tetracosane (C24)	15.135	590102	4.716 ug/ml
15) T n-Hexacosane (C26)	16.167	67943	0.555 ug/ml
16) T n-Octacosane (C28)	17.157	347352	2.857 ug/ml
17) T n-Tricontane (C30)	18.004	342448	2.749 ug/ml
18) T n-Dotriacontane (C32)	18.832	169752	1.357 ug/ml
19) T n-Tetratriacontane (C34)	19.649	110607	0.929 ug/ml
20) T n-Hexatriacontane (C36)	20.369	62317	0.538 ug/ml
21) T n-Octatriacontane (C38)	21.103	73939	0.679 ug/ml
22) T n-Tetracontane (C40)	21.981	66202	0.667 ug/ml

(f)=RT Delta > 1/2 Window

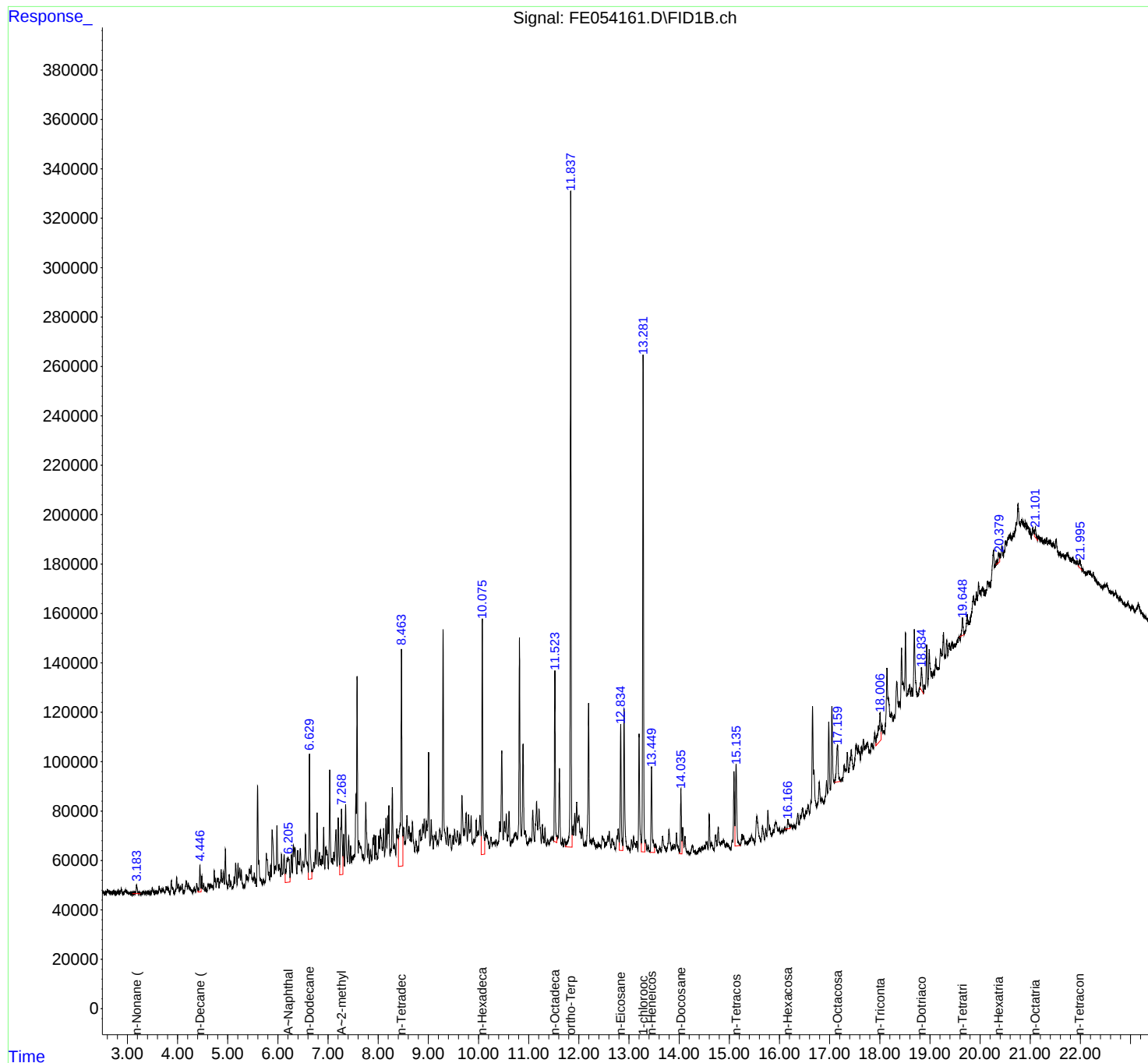
(m)=manual int.

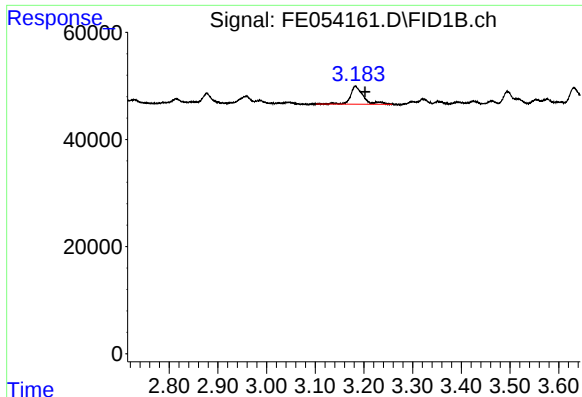
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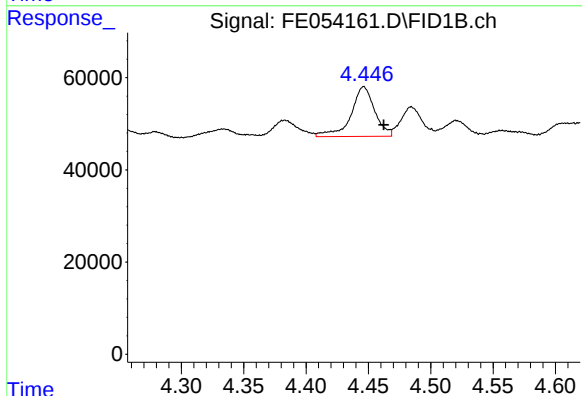




#1 n-Nonane (C9)

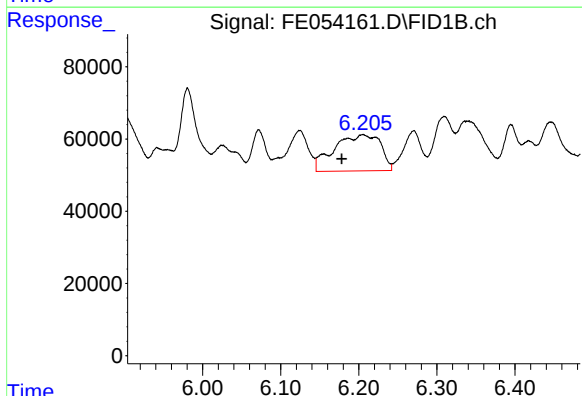
R.T.: 3.183 min
Delta R.T.: -0.019 min
Response: 62073
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :
D2



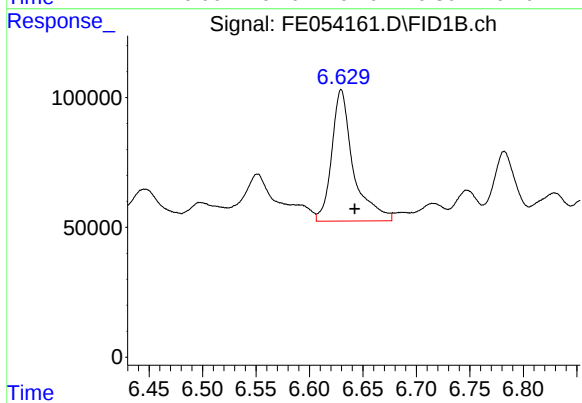
#2 n-Decane (C10)

R.T.: 4.446 min
Delta R.T.: -0.016 min
Response: 143064
Conc: 1.06 ug/ml



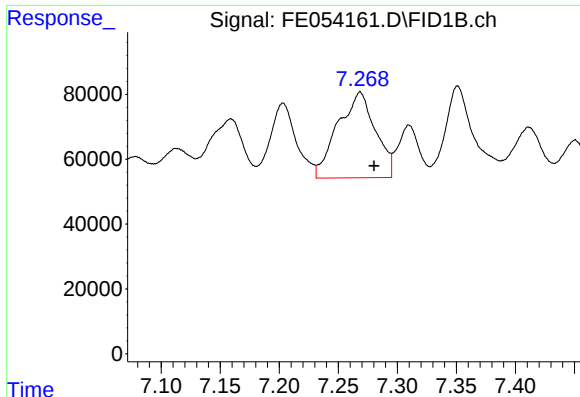
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: 0.027 min
Response: 413357
Conc: 2.88 ug/ml



#4 n-Dodecane (C12)

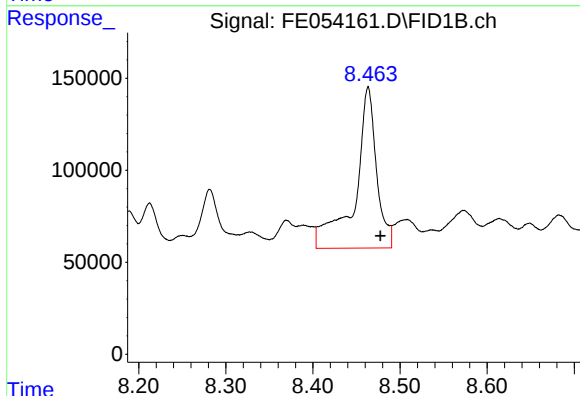
R.T.: 6.630 min
Delta R.T.: -0.013 min
Response: 709751
Conc: 5.20 ug/ml



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

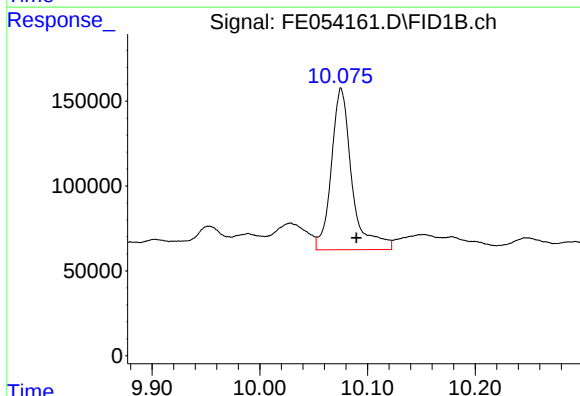
R.T.: 7.268 min
Delta R.T.: -0.012 min
Response: 585163
Conc: 4.22 ug/ml

Instrument :
FID_E
ClientSampleId :
D2



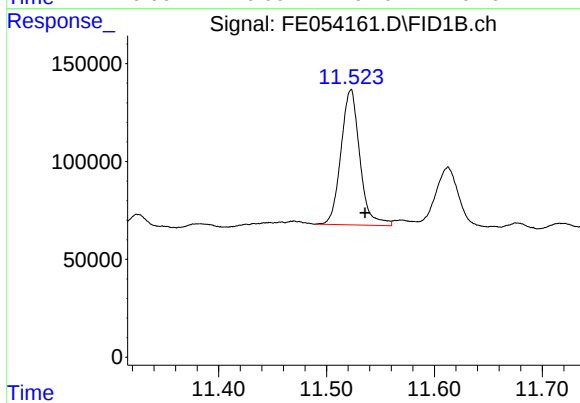
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: -0.014 min
Response: 1504120
Conc: 11.15 ug/ml



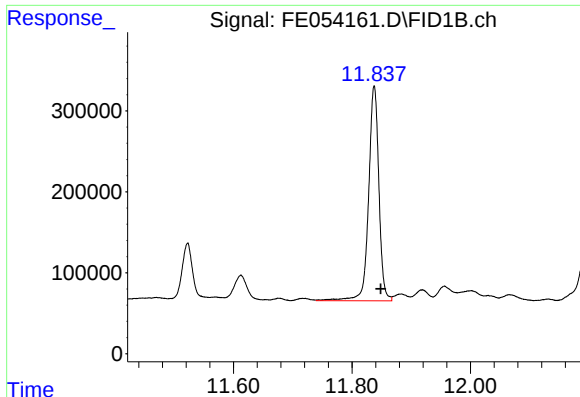
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.014 min
Response: 1265198
Conc: 9.38 ug/ml



#8 n-Octadecane (C18)

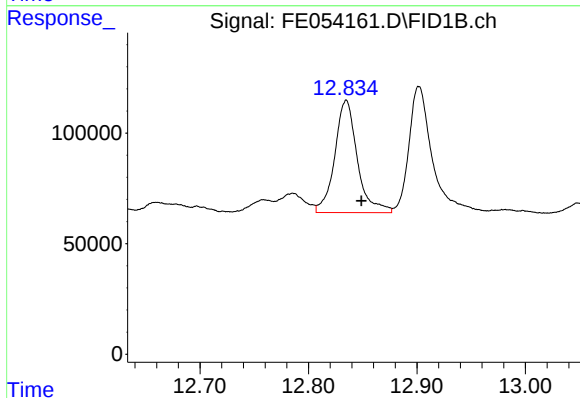
R.T.: 11.522 min
Delta R.T.: -0.013 min
Response: 839146
Conc: 6.23 ug/ml



#9 ortho-Terphenyl (SURR)

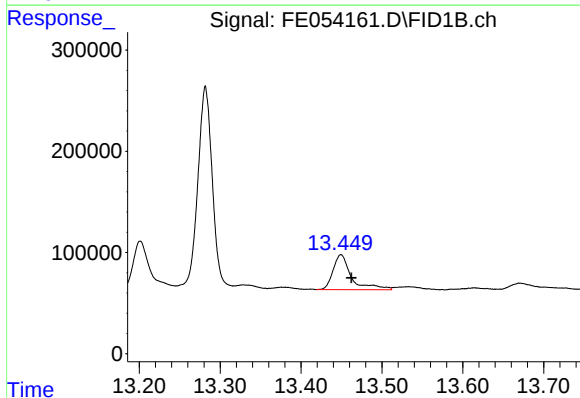
R.T.: 11.838 min
Delta R.T.: -0.011 min
Response: 3203354
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
D2



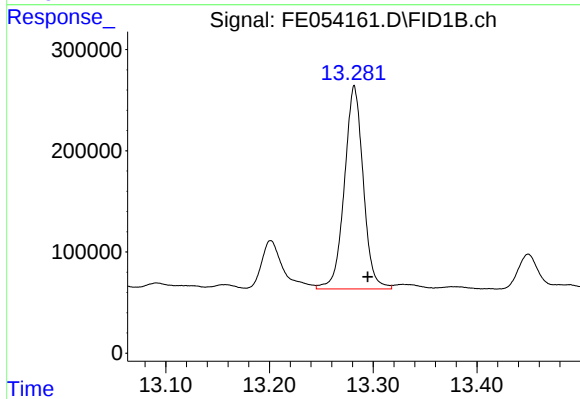
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.014 min
Response: 736439
Conc: 5.60 ug/ml



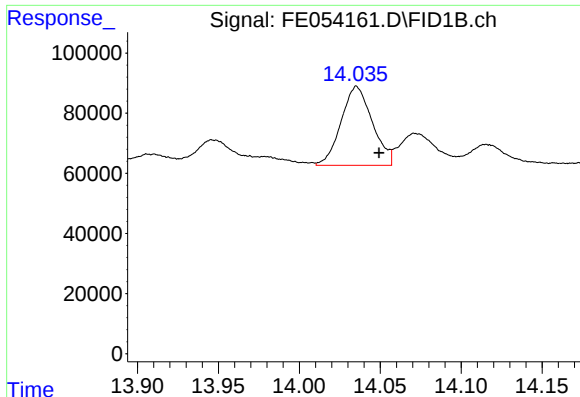
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.013 min
Response: 546445
Conc: 4.21 ug/ml



#12 1-chlorooctadecane (SURR)

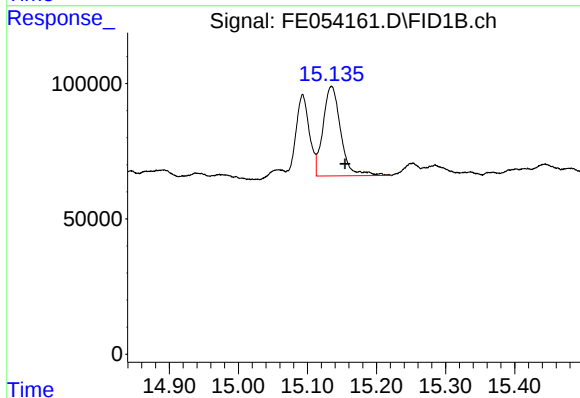
R.T.: 13.282 min
Delta R.T.: -0.013 min
Response: 2534826
Conc: 21.38 ug/ml



#13 n-Docosane (C22)

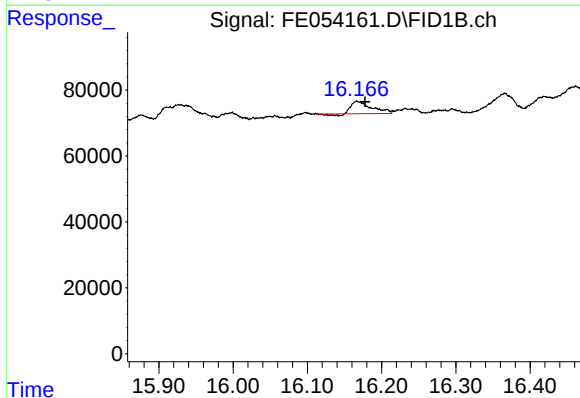
R.T.: 14.035 min
Delta R.T.: -0.014 min
Response: 352884
Conc: 2.77 ug/ml

Instrument :
FID_E
ClientSampleId :
D2



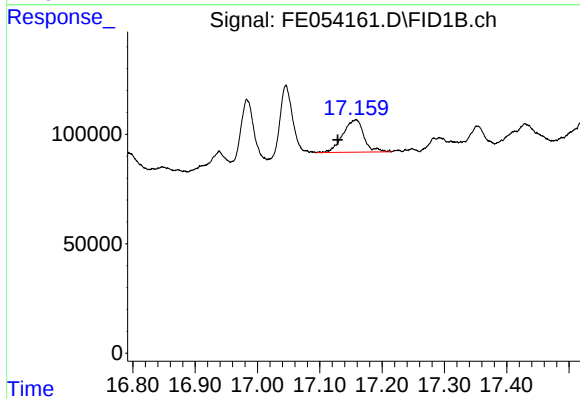
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: -0.020 min
Response: 590102
Conc: 4.72 ug/ml



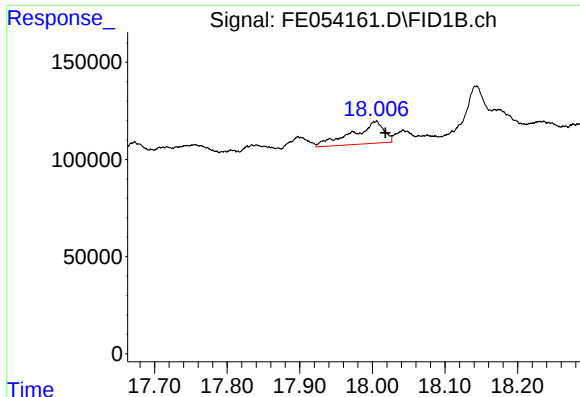
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.010 min
Response: 67943
Conc: 0.55 ug/ml



#16 n-Octacosane (C28)

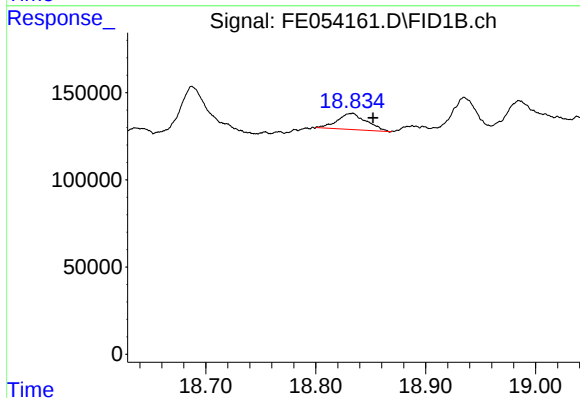
R.T.: 17.157 min
Delta R.T.: 0.029 min
Response: 347352
Conc: 2.86 ug/ml



#17 n-Tricontane (C30)

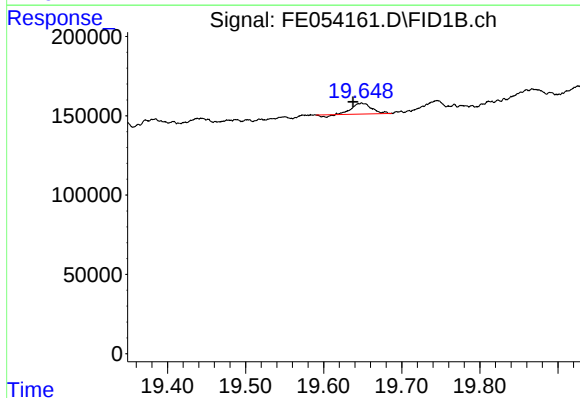
R.T.: 18.004 min
Delta R.T.: -0.014 min
Response: 342448
Conc: 2.75 ug/ml

Instrument :
FID_E
ClientSampleId :
D2



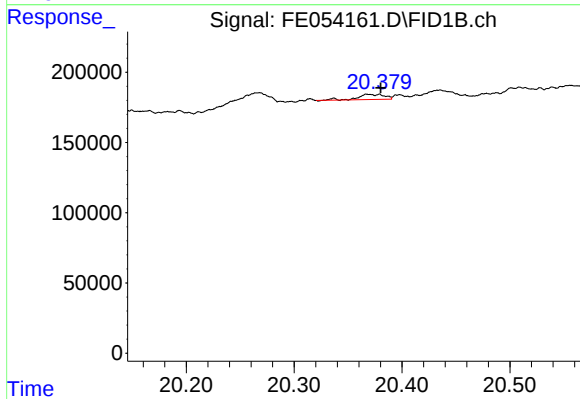
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.020 min
Response: 169752
Conc: 1.36 ug/ml



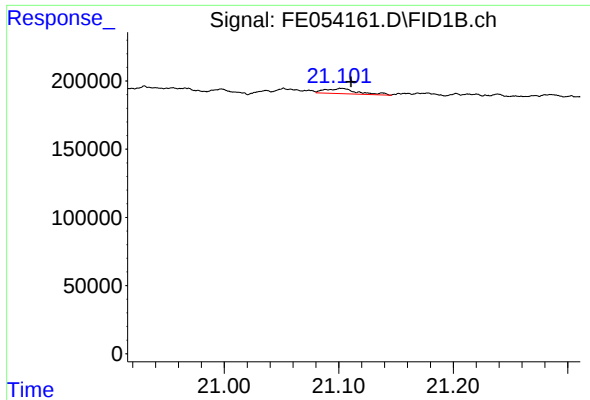
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.011 min
Response: 110607
Conc: 0.93 ug/ml



#20 n-Hexatriacontane (C36)

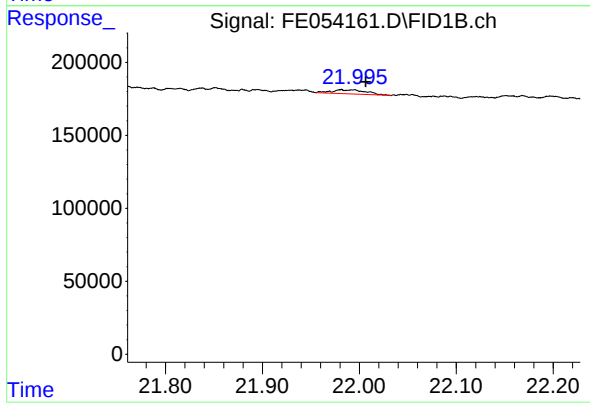
R.T.: 20.369 min
Delta R.T.: -0.011 min
Response: 62317
Conc: 0.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 73939
Conc: 0.68 ug/ml

Instrument :
FID_E
ClientSampleId :
D2



#22 n-Tetracontane (C40)

R.T.: 21.981 min
Delta R.T.: -0.025 min
Response: 66202
Conc: 0.67 ug/ml