

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040423AL\
 Data File : FE041163.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2023 18:02
 Operator : YP\AJ
 Sample : 02176-01D
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 04 23:53:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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)	11.855	6704958	35.676 ug/ml
Spiked Amount 50.000		Recovery =	71.35%
12) S 1-chlorooctadecane (S...	13.304	56959621	395.883 ug/ml
Spiked Amount 50.000		Recovery =	791.77%
Target Compounds			
4) T n-Dodecane (C12)	6.661	122823	0.708 ug/ml
5) T A~2-methylnaphthalene...	7.300	97933	0.591 ug/ml
6) T n-Tetradecane (C14)	8.487	261090	1.497 ug/ml
7) T n-Hexadecane (C16)	10.093	275087	1.547 ug/ml
8) T n-Octadecane (C18)	11.536	239570	1.342 ug/ml
10) T n-Eicosane (C20)	12.846	352204	2.065 ug/ml
11) T n-Heneicosane (C21)	13.462	149416	0.883 ug/ml
13) T n-Docosane (C22)	14.048	190837	1.153 ug/ml
14) T n-Tetracosane (C24)	15.142	982352	6.072 ug/ml
15) T n-Hexacosane (C26)	16.174	83639	0.540 ug/ml
16) T n-Octacosane (C28)	17.127	208051	1.358 ug/ml
17) T n-Tricontane (C30)	18.014	350424	2.293 ug/ml
18) T n-Dotriacontane (C32)	18.846	387663	2.483 ug/ml
19) T n-Tetratriacontane (C34)	19.634	227643	1.469 ug/ml
20) T n-Hexatriacontane (C36)	20.376	436602	2.874 ug/ml
21) T n-Octatriacontane (C38)	21.103	63674	0.408 ug/ml
22) T n-Tetracontane (C40)	22.001	107044	0.671 ug/ml

(f)=RT Delta > 1/2 Window

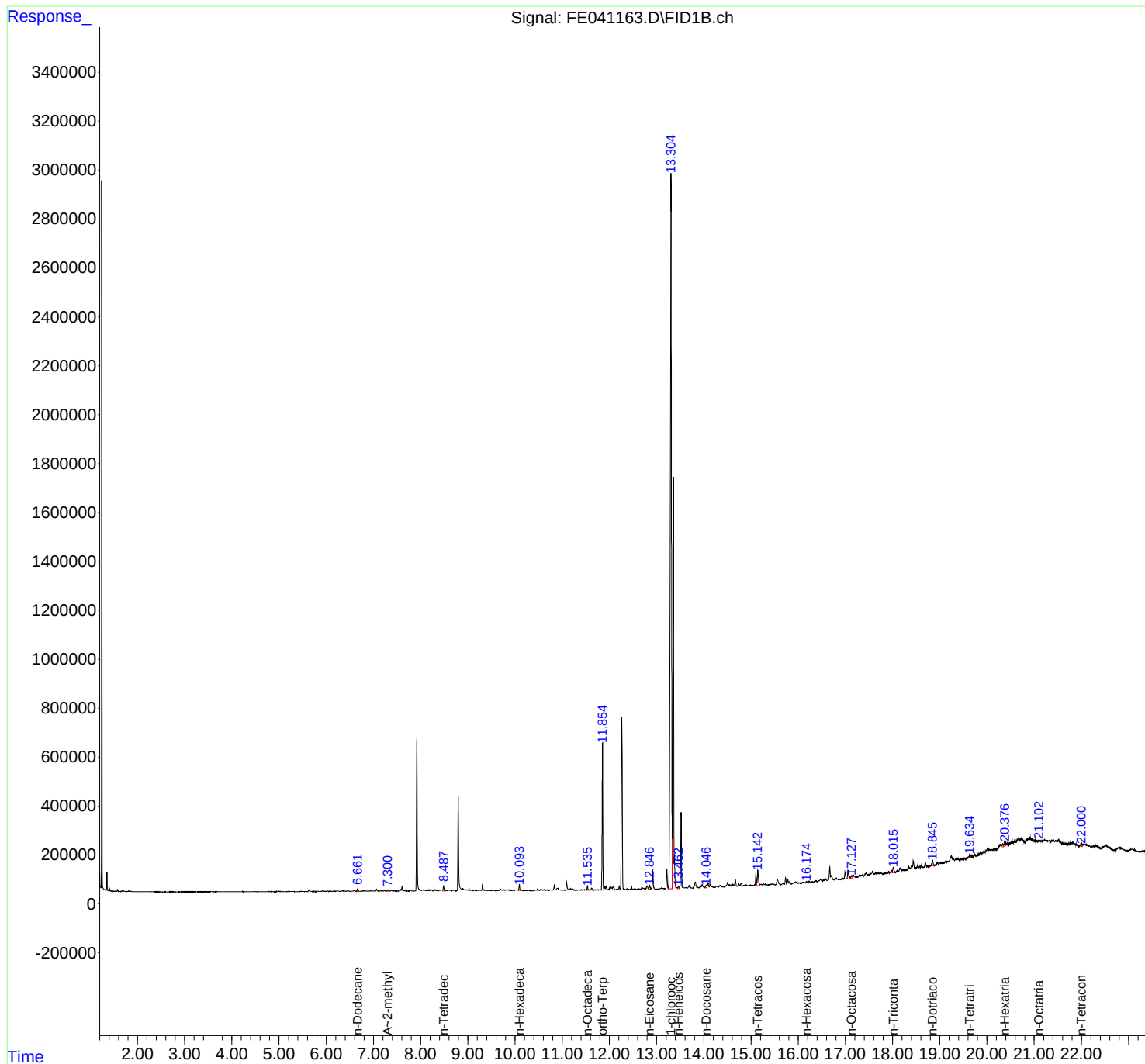
(m)=manual int.

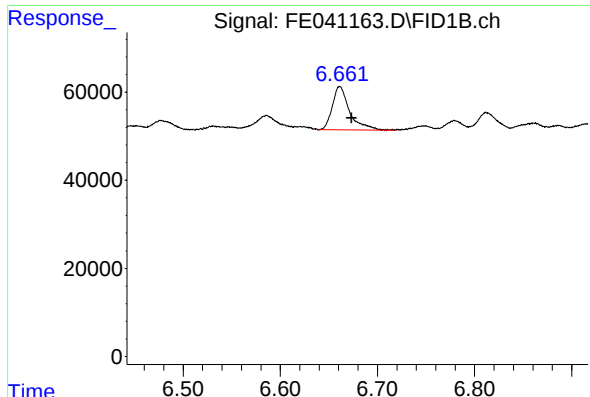
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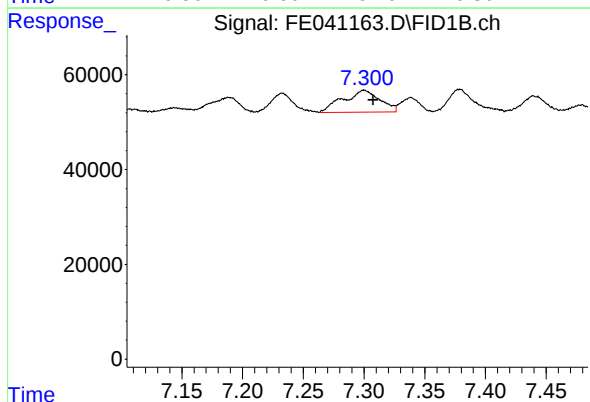
#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.012 min
Response: 122823
Conc: 0.71 ug/ml

Instrument :

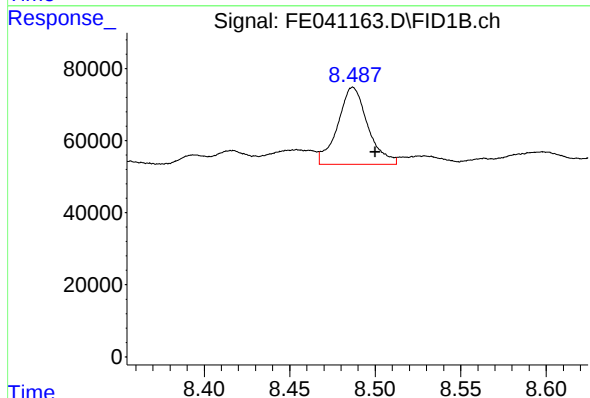
FID_E

ClientSampleId :



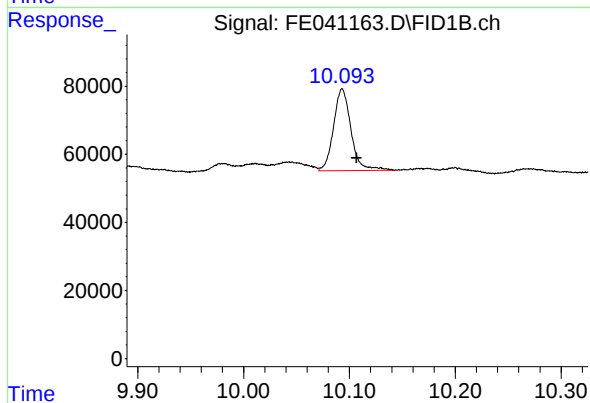
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.300 min
Delta R.T.: -0.007 min
Response: 97933
Conc: 0.59 ug/ml



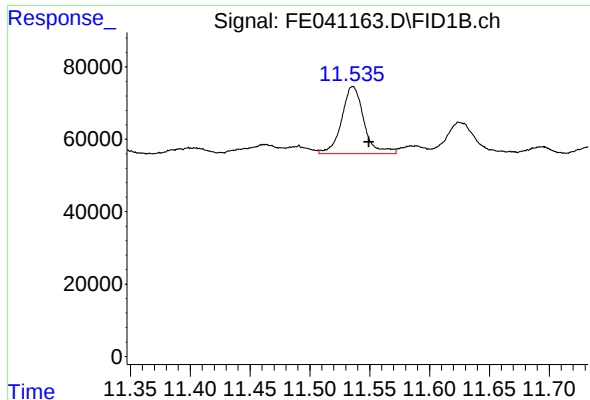
#6 n-Tetradecane (C14)

R.T.: 8.487 min
Delta R.T.: -0.013 min
Response: 261090
Conc: 1.50 ug/ml



#7 n-Hexadecane (C16)

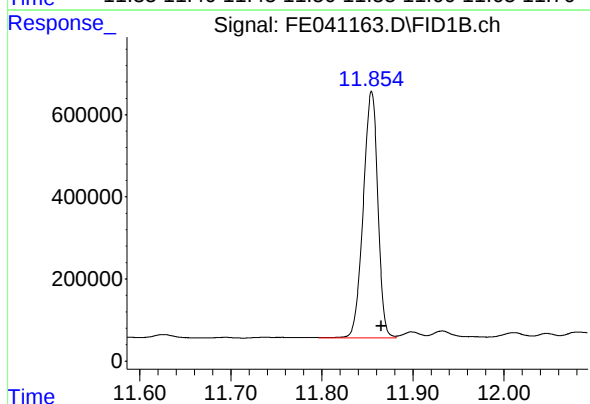
R.T.: 10.093 min
Delta R.T.: -0.013 min
Response: 275087
Conc: 1.55 ug/ml



#8 n-Octadecane (C18)

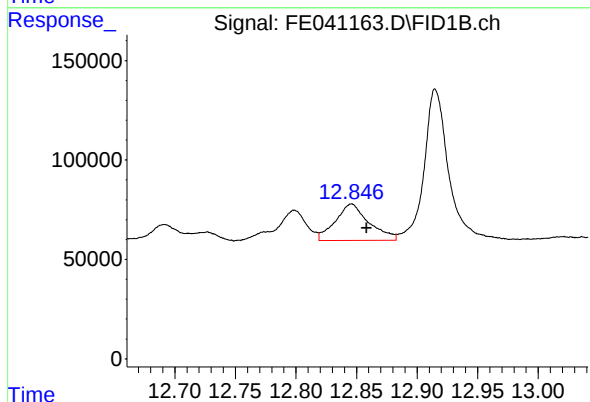
R.T.: 11.536 min
Delta R.T.: -0.014 min
Response: 239570
Conc: 1.34 ug/ml

Instrument :
FID_E
ClientSampleId :



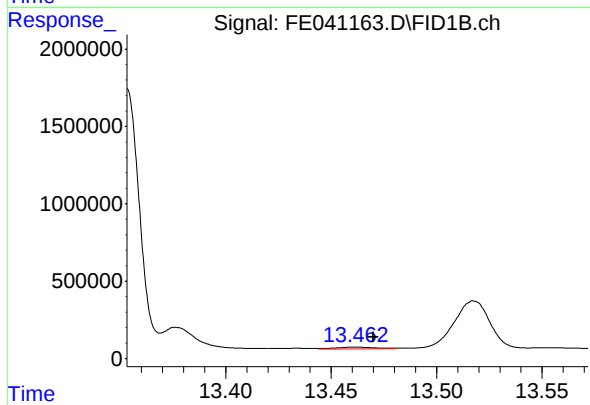
#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.010 min
Response: 6704958
Conc: 35.68 ug/ml



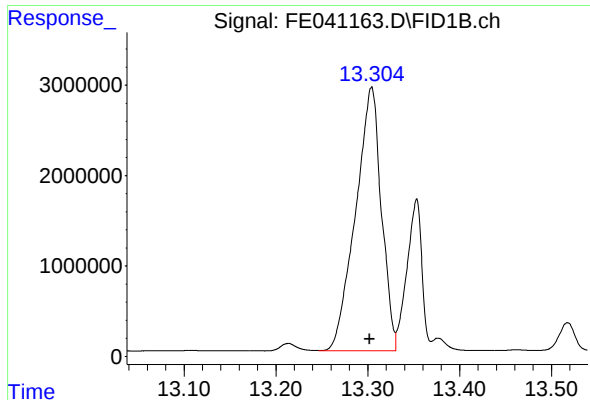
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.012 min
Response: 352204
Conc: 2.06 ug/ml



#11 n-Heneicosane (C21)

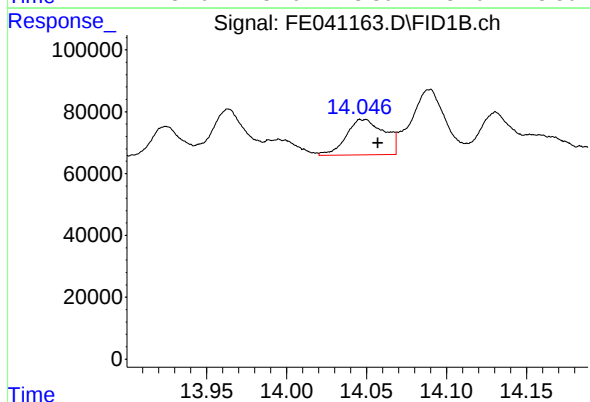
R.T.: 13.462 min
Delta R.T.: -0.008 min
Response: 149416
Conc: 0.88 ug/ml



#12 1-chlorooctadecane (SURR)

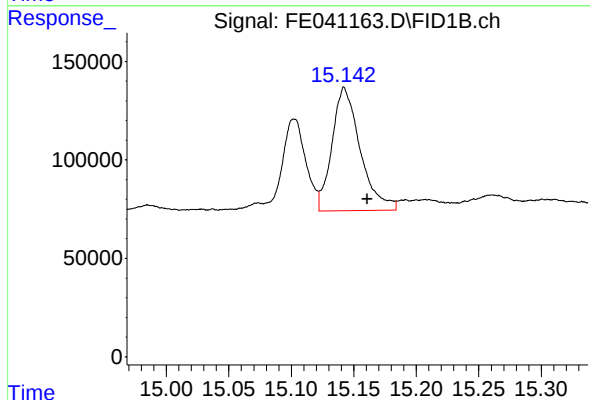
R.T.: 13.304 min
Delta R.T.: 0.002 min
Response: 56959621
Conc: 395.88 ug/ml

Instrument :
FID_E
ClientSampleId :



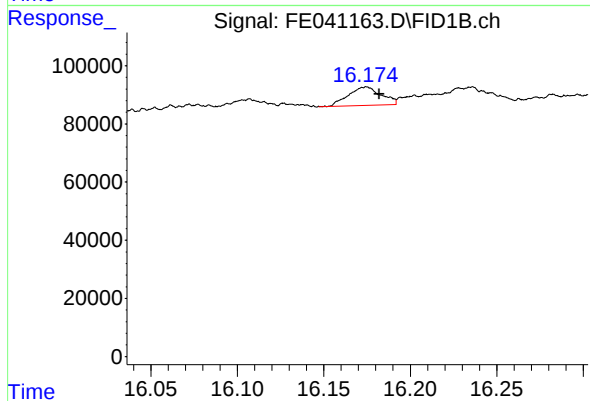
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: -0.009 min
Response: 190837
Conc: 1.15 ug/ml



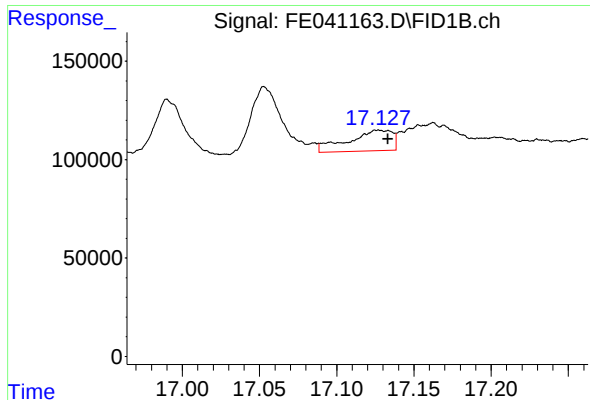
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.018 min
Response: 982352
Conc: 6.07 ug/ml



#15 n-Hexacosane (C26)

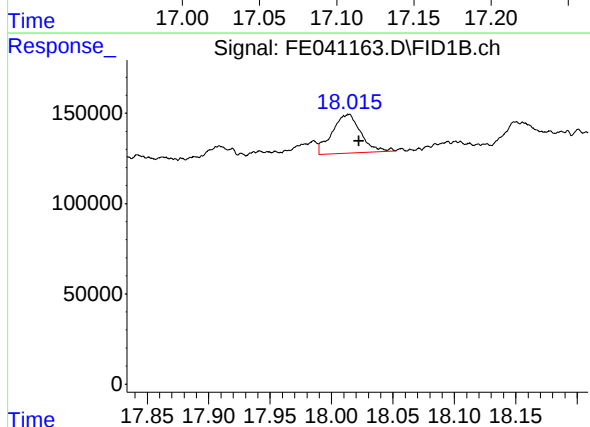
R.T.: 16.174 min
Delta R.T.: -0.007 min
Response: 83639
Conc: 0.54 ug/ml



#16 n-Octacosane (C28)

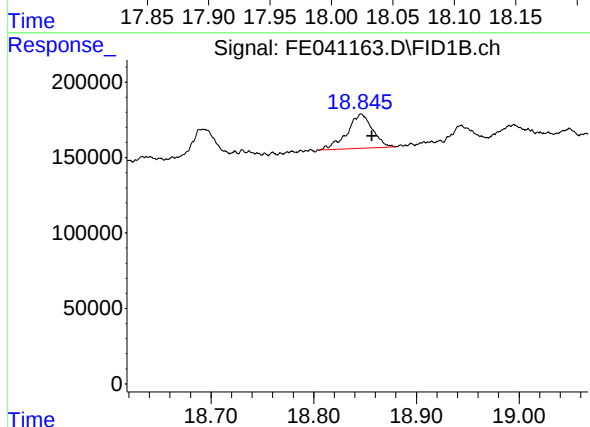
R.T.: 17.127 min
Delta R.T.: -0.006 min
Response: 208051
Conc: 1.36 ug/ml

Instrument :
FID_E
ClientSampleId :



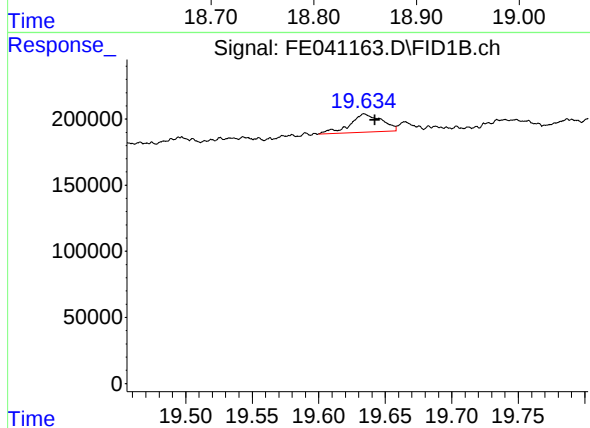
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: -0.008 min
Response: 350424
Conc: 2.29 ug/ml



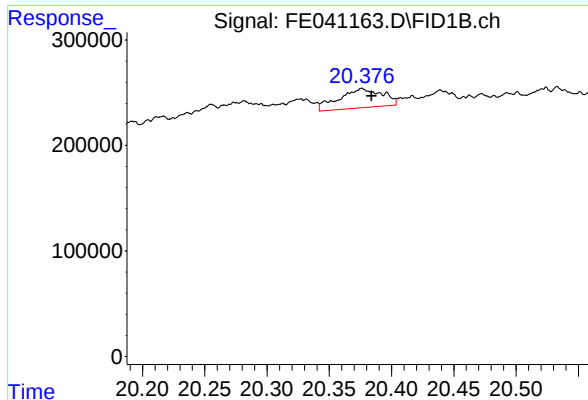
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.010 min
Response: 387663
Conc: 2.48 ug/ml



#19 n-Tetratriacontane (C34)

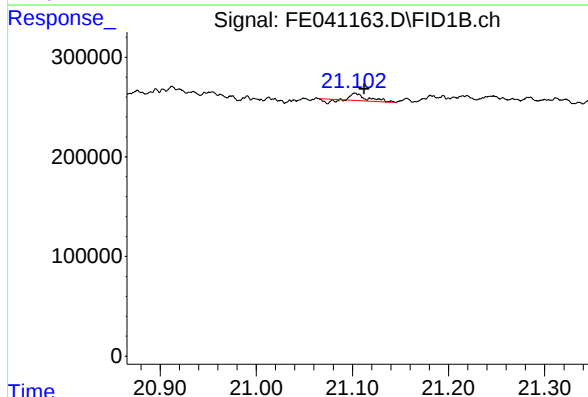
R.T.: 19.634 min
Delta R.T.: -0.008 min
Response: 227643
Conc: 1.47 ug/ml



#20 n-Hexatriacontane (C36)

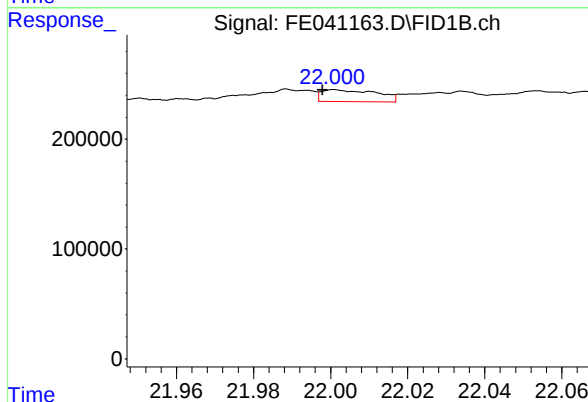
R.T.: 20.376 min
Delta R.T.: -0.008 min
Response: 436602
Conc: 2.87 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.010 min
Response: 63674
Conc: 0.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: 0.003 min
Response: 107044
Conc: 0.67 ug/ml