

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040323AL\
 Data File : FE041139.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2023 23:00
 Operator : YP\AJ
 Sample : 02166-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 04 00:05:22 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)	11.858	6345050	33.761 ug/ml
Spiked Amount 50.000		Recovery =	67.52%
12) S 1-chlorooctadecane (S...	13.330	131057482	910.882 ug/ml
Spiked Amount 50.000		Recovery =	1821.76%
Target Compounds			
4) T n-Dodecane (C12)	6.664	20460	0.118 ug/ml
5) T A~2-methylnaphthalene...	7.317	77076	0.465 ug/ml
6) T n-Tetradecane (C14)	8.489	247375	1.419 ug/ml
7) T n-Hexadecane (C16)	10.096	223127	1.255 ug/ml
8) T n-Octadecane (C18)	11.539	205724	1.152 ug/ml
10) T n-Eicosane (C20)	12.850	171823	1.007 ug/ml
11) T n-Heneicosane (C21)	13.470	143417	0.848 ug/ml
13) T n-Docosane (C22)	14.054	191764	1.159 ug/ml
14) T n-Tetracosane (C24)	15.153	474382	2.932 ug/ml
15) T n-Hexacosane (C26)	16.178	171222	1.105 ug/ml
16) T n-Octacosane (C28)	17.129	268307	1.752 ug/ml
17) T n-Tricontane (C30)	18.016	451168	2.952 ug/ml
18) T n-Dotriacontane (C32)	18.851	496839	3.182 ug/ml
19) T n-Tetratriacontane (C34)	19.665	399085	2.575 ug/ml
20) T n-Hexatriacontane (C36)	20.382	901930	5.938 ug/ml
21) T n-Octatriacontane (C38)	21.116	101893	0.652 ug/ml
22) T n-Tetracontane (C40)	22.006	901222	5.647 ug/ml

(f)=RT Delta > 1/2 Window

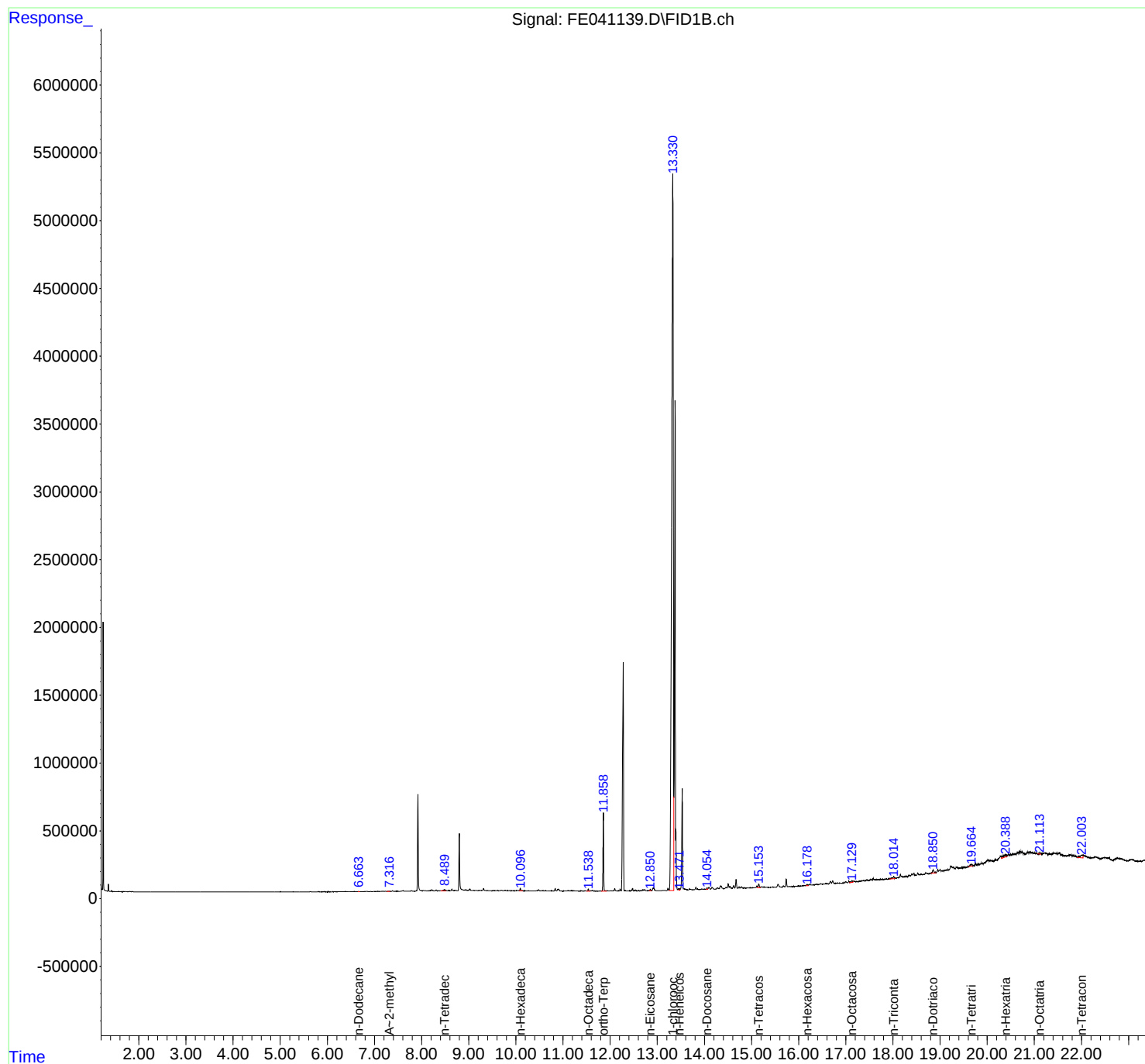
(m)=manual int.

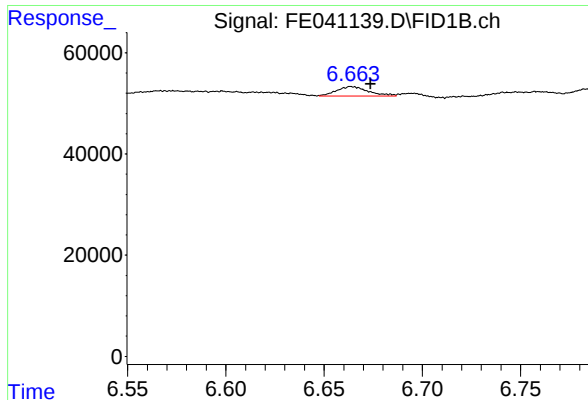
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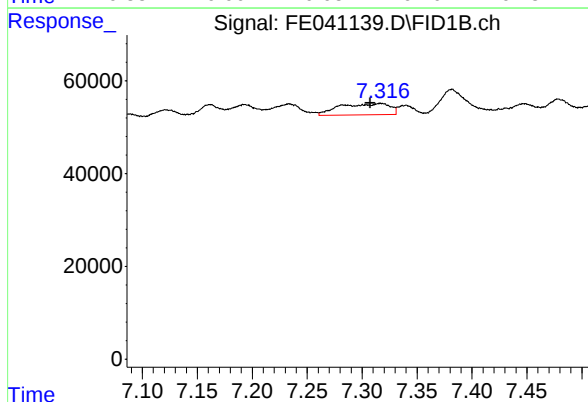




#4 n-Dodecane (C12)

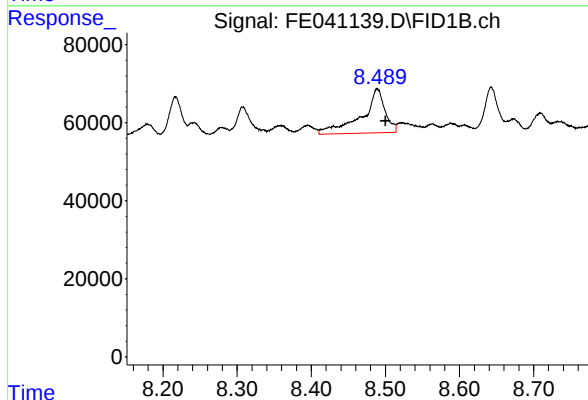
R.T.: 6.664 min
Delta R.T.: -0.010 min
Response: 20460
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :



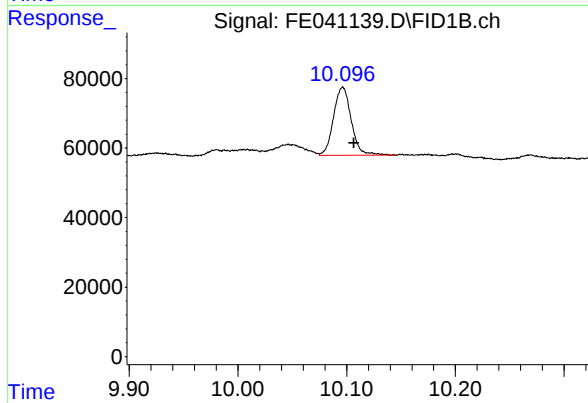
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.317 min
Delta R.T.: 0.009 min
Response: 77076
Conc: 0.47 ug/ml



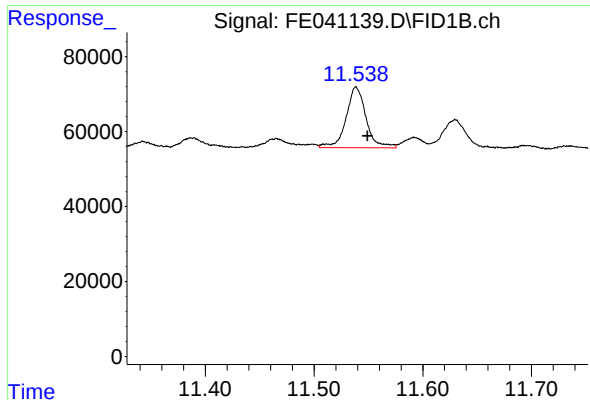
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.011 min
Response: 247375
Conc: 1.42 ug/ml



#7 n-Hexadecane (C16)

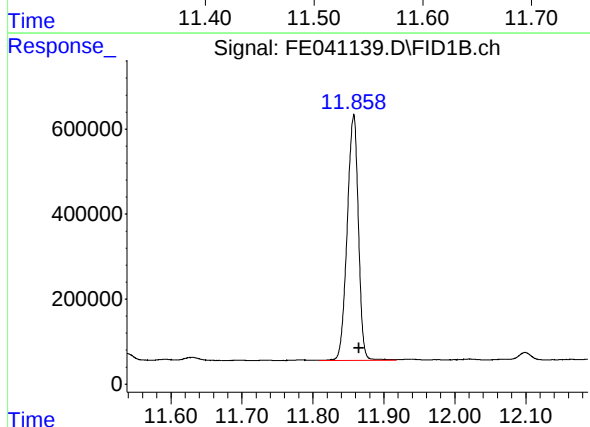
R.T.: 10.096 min
Delta R.T.: -0.010 min
Response: 223127
Conc: 1.25 ug/ml



#8 n-Octadecane (C18)

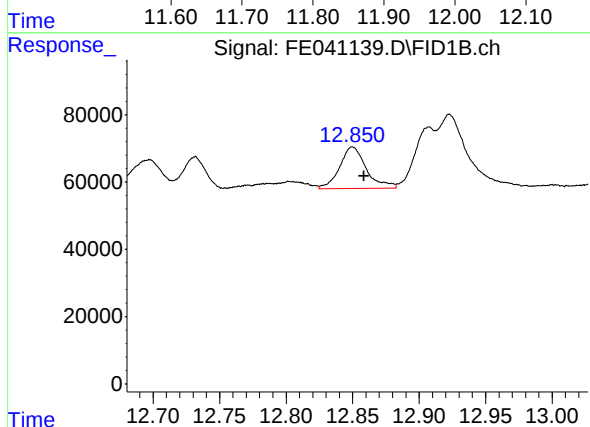
R.T.: 11.539 min
Delta R.T.: -0.011 min
Response: 205724
Conc: 1.15 ug/ml

Instrument :
FID_E
ClientSampleId :



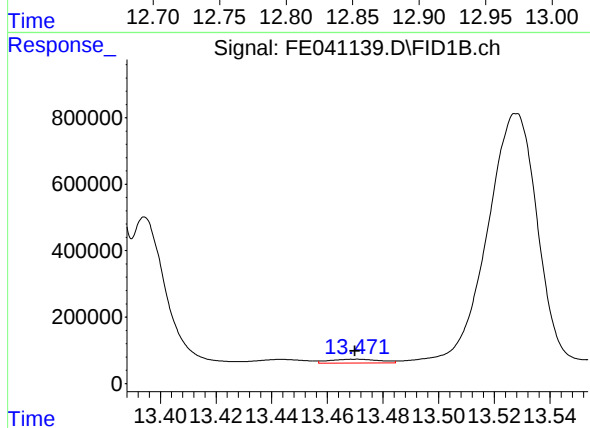
#9 ortho-Terphenyl (SURR)

R.T.: 11.858 min
Delta R.T.: -0.008 min
Response: 6345050
Conc: 33.76 ug/ml



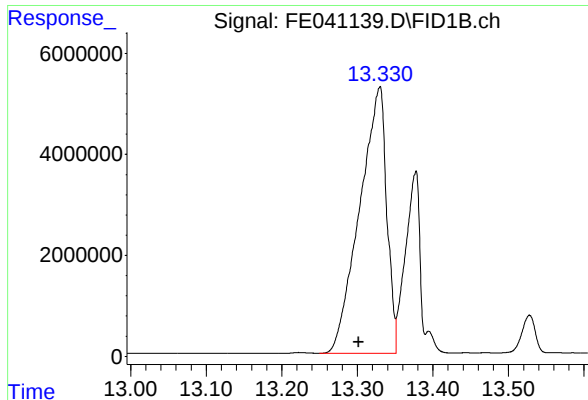
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.008 min
Response: 171823
Conc: 1.01 ug/ml



#11 n-Heneicosane (C21)

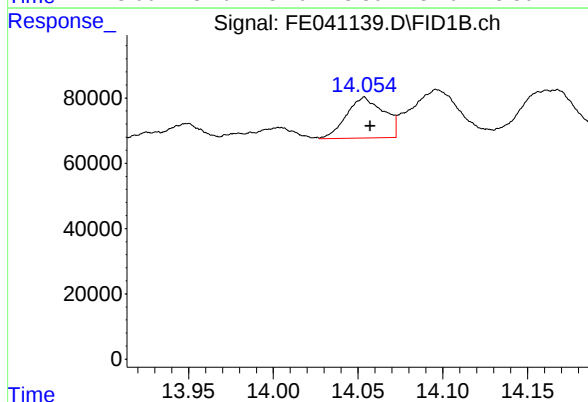
R.T.: 13.470 min
Delta R.T.: 0.000 min
Response: 143417
Conc: 0.85 ug/ml



#12 1-chlorooctadecane (SURR)

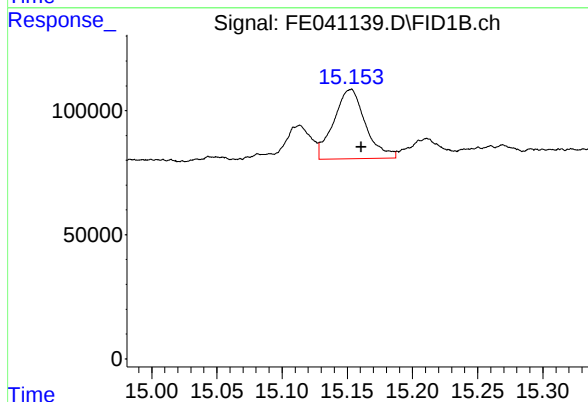
R.T.: 13.330 min
Delta R.T.: 0.028 min
Response: 131057482
Conc: 910.88 ug/ml

Instrument :
FID_E
ClientSampleId :



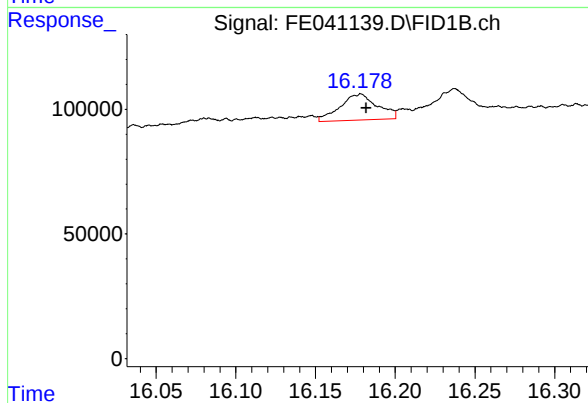
#13 n-Docosane (C22)

R.T.: 14.054 min
Delta R.T.: -0.004 min
Response: 191764
Conc: 1.16 ug/ml



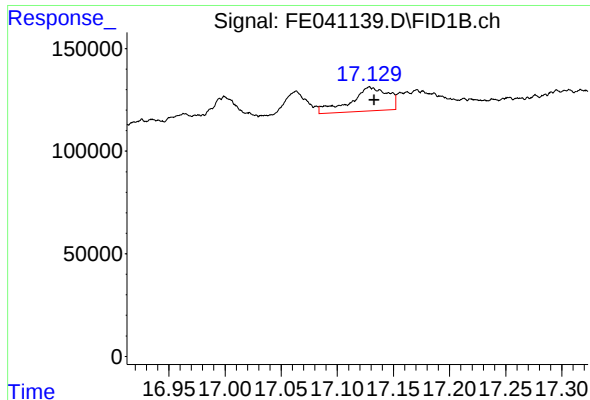
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.008 min
Response: 474382
Conc: 2.93 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: -0.004 min
Response: 171222
Conc: 1.10 ug/ml



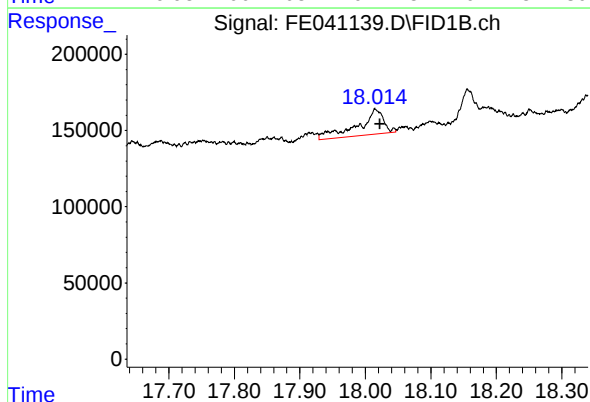
#16 n-Octacosane (C28)

R.T.: 17.129 min
Delta R.T.: -0.004 min
Response: 268307
Conc: 1.75 ug/ml

Instrument :

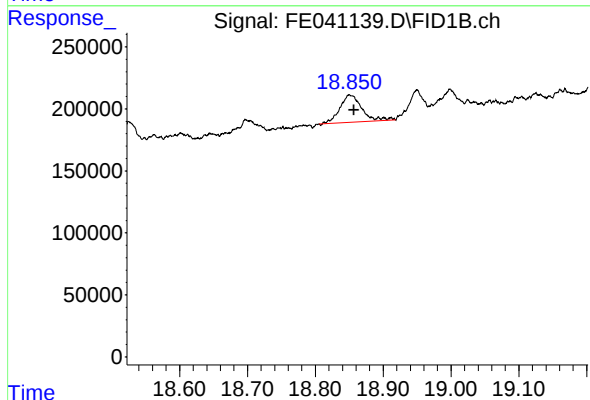
FID_E

ClientSampleId :



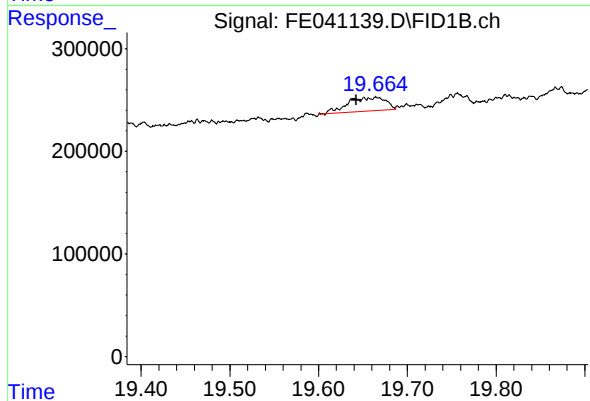
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: -0.006 min
Response: 451168
Conc: 2.95 ug/ml



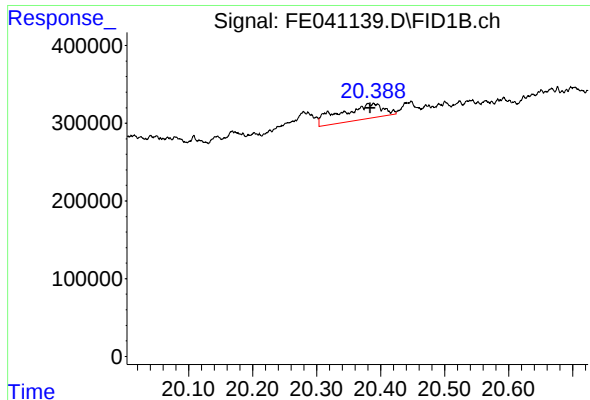
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.005 min
Response: 496839
Conc: 3.18 ug/ml



#19 n-Tetratriacontane (C34)

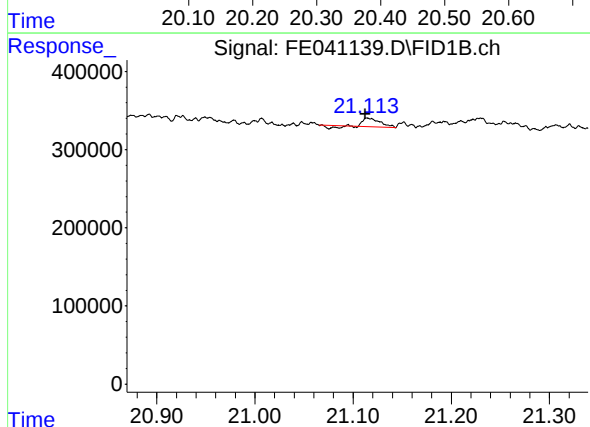
R.T.: 19.665 min
Delta R.T.: 0.023 min
Response: 399085
Conc: 2.58 ug/ml



#20 n-Hexatriacontane (C36)

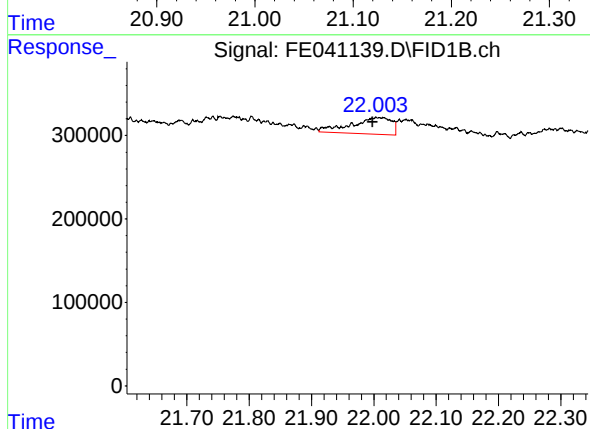
R.T.: 20.382 min
Delta R.T.: -0.002 min
Response: 901930
Conc: 5.94 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: 0.004 min
Response: 101893
Conc: 0.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: 0.008 min
Response: 901222
Conc: 5.65 ug/ml