

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
 Data File : FE041604.D
 Signal(s) : FID1B.ch
 Acq On : 28 Apr 2023 07:17
 Operator : YP\AJ
 Sample : 02505-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 28 08:43:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.983	2792425	14.884 ug/ml
Spiked Amount 50.000		Recovery =	29.77%
12) S 1-chlorooctadecane (S...	13.421	2191741	15.515 ug/ml
Spiked Amount 50.000		Recovery =	31.03%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.321	85763	0.518 ug/ml
5) T A~2-methylnaphthalene...	7.414	82535	0.512 ug/ml
6) T n-Tetradecane (C14)	8.613	41458	0.273 ug/ml
7) T n-Hexadecane (C16)	10.217	24054	0.151 ug/ml
8) T n-Octadecane (C18)	11.631	50462	0.308 ug/ml
10) T n-Eicosane (C20)	12.963	87403	0.543 ug/ml
11) T n-Heneicosane (C21)	13.574	34139	0.214 ug/ml
13) T n-Docosane (C22)	14.177	199689	1.253 ug/ml
14) T n-Tetracosane (C24)	15.260	105483	0.654 ug/ml
15) T n-Hexacosane (C26)	16.264	677205	4.283 ug/ml
16) T n-Octacosane (C28)	17.230	1446494	9.401 ug/ml
17) T n-Tricontane (C30)	18.118	1493947	9.809 ug/ml
18) T n-Dotriacontane (C32)	18.946	703038	4.719 ug/ml
19) T n-Tetratriacontane (C34)	19.726	141540	1.005 ug/ml
20) T n-Hexatriacontane (C36)	20.470	756601	5.658 ug/ml
21) T n-Octatriacontane (C38)	21.219	736482	5.574 ug/ml
22) T n-Tetracontane (C40)	22.150	59926	0.473 ug/ml

(f)=RT Delta > 1/2 Window

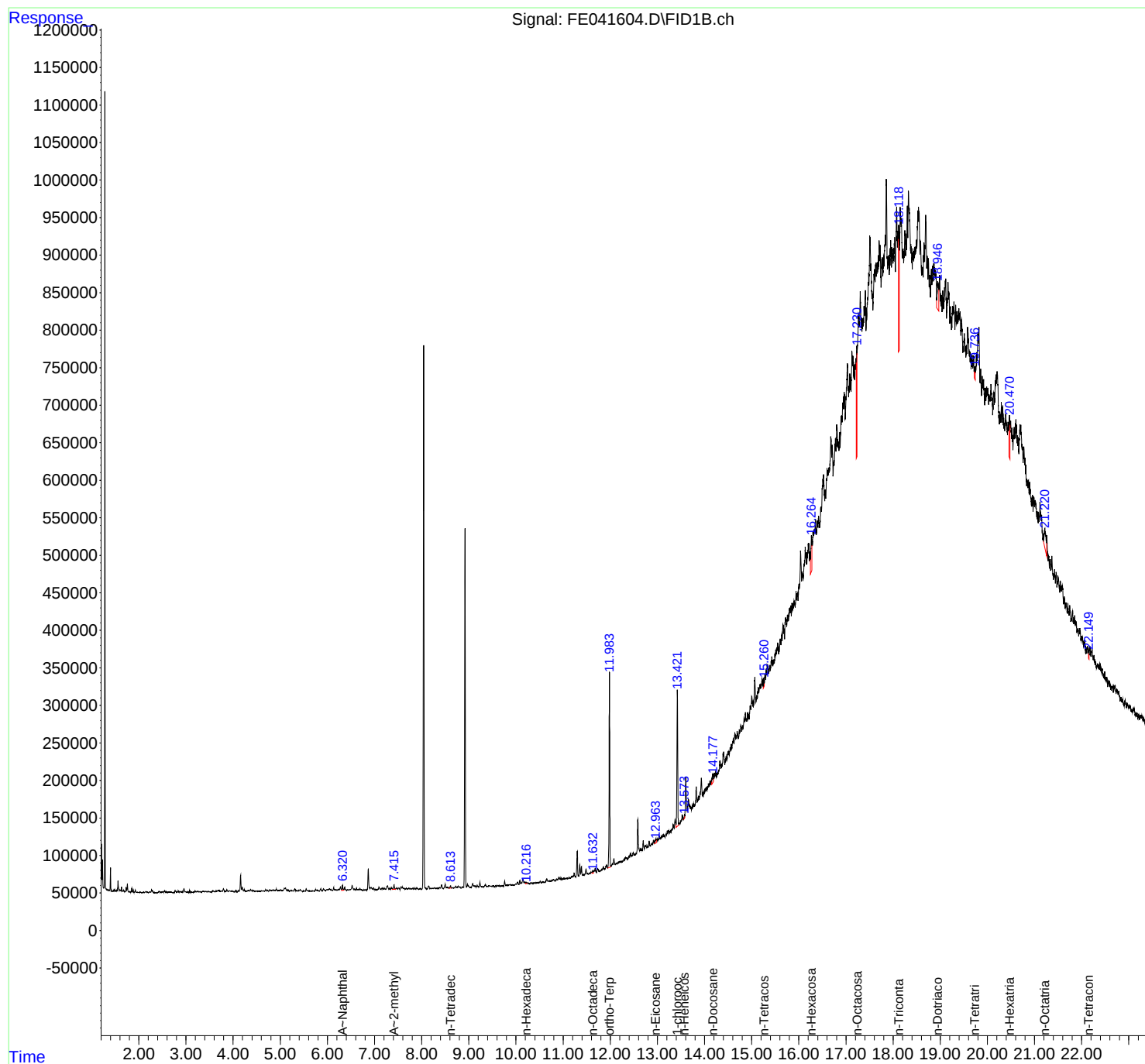
(m)=manual int.

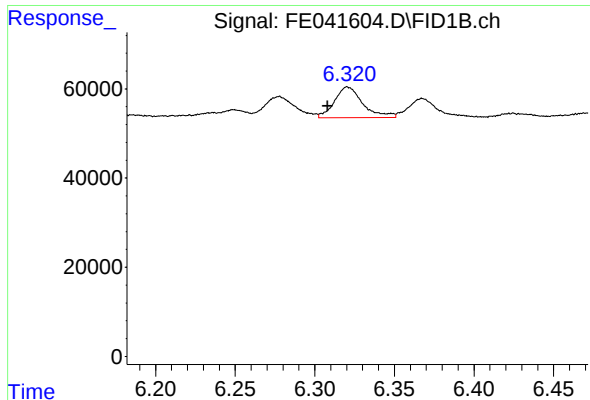
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
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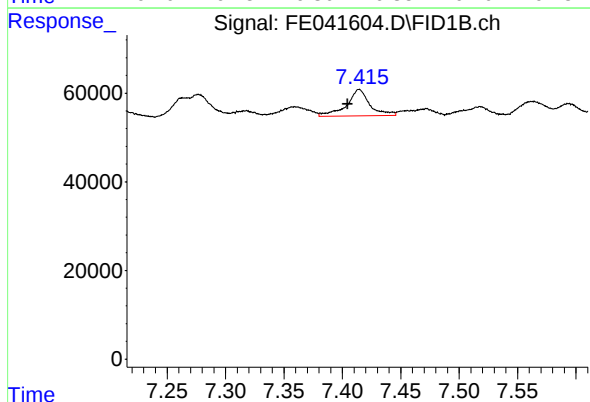




#3 A~Naphthalene (C11.7)

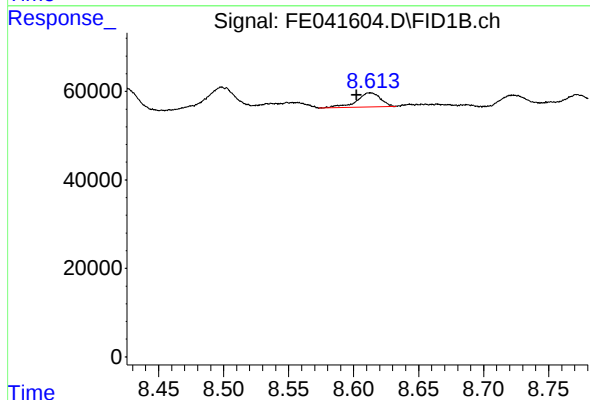
R.T.: 6.321 min
Delta R.T.: 0.012 min
Response: 85763
Conc: 0.52 ug/ml

Instrument :
FID_E
ClientSampleId :



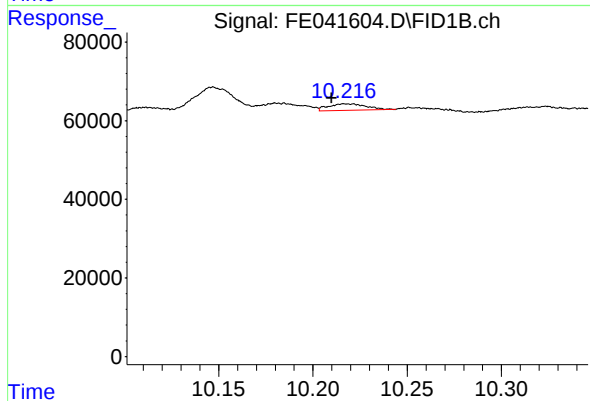
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.414 min
Delta R.T.: 0.010 min
Response: 82535
Conc: 0.51 ug/ml



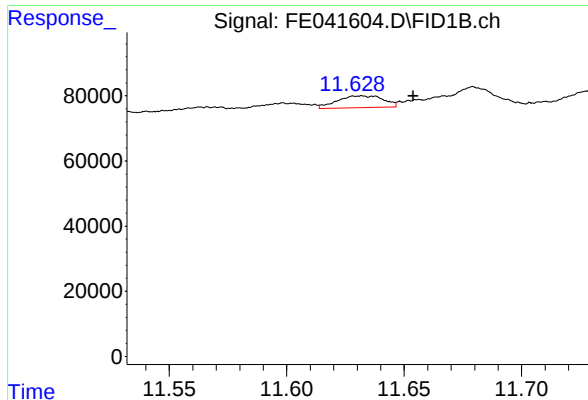
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.010 min
Response: 41458
Conc: 0.27 ug/ml



#7 n-Hexadecane (C16)

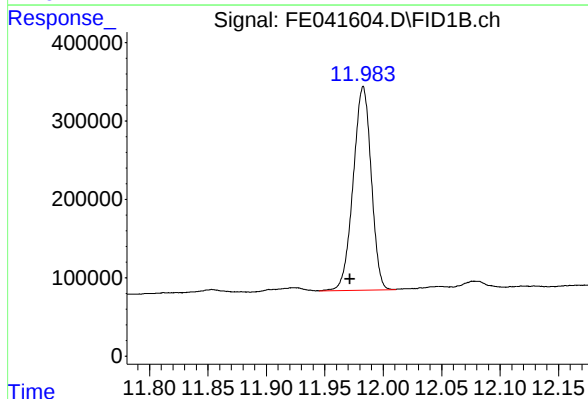
R.T.: 10.217 min
Delta R.T.: 0.007 min
Response: 24054
Conc: 0.15 ug/ml



#8 n-Octadecane (C18)

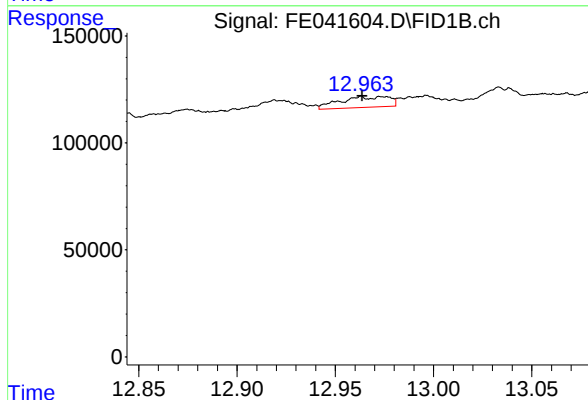
R.T.: 11.631 min
Delta R.T.: -0.022 min
Response: 50462
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



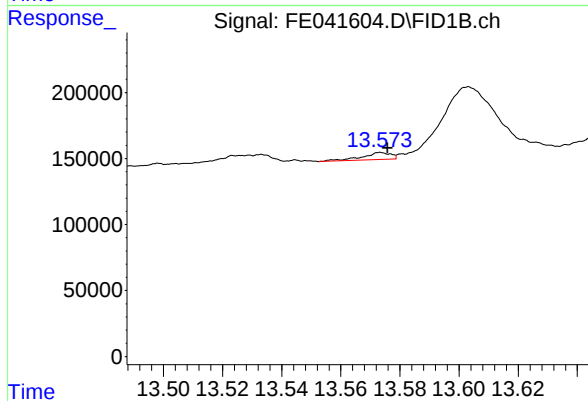
#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.011 min
Response: 2792425
Conc: 14.88 ug/ml



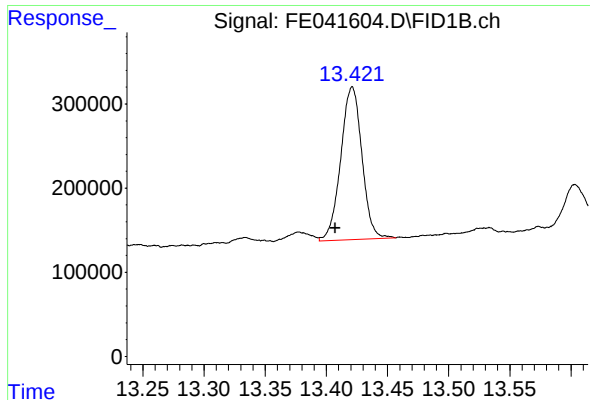
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 87403
Conc: 0.54 ug/ml



#11 n-Heneicosane (C21)

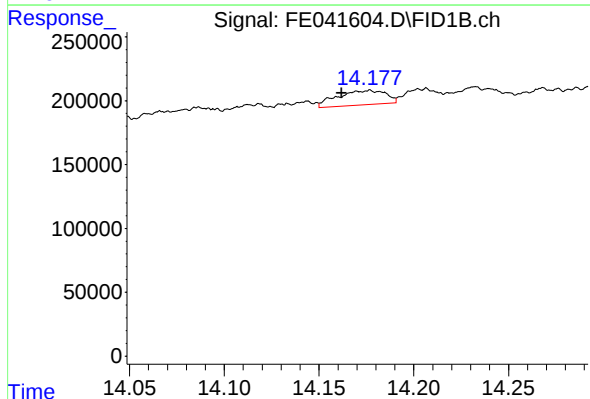
R.T.: 13.574 min
Delta R.T.: -0.002 min
Response: 34139
Conc: 0.21 ug/ml



#12 1-chlorooctadecane (SURR)

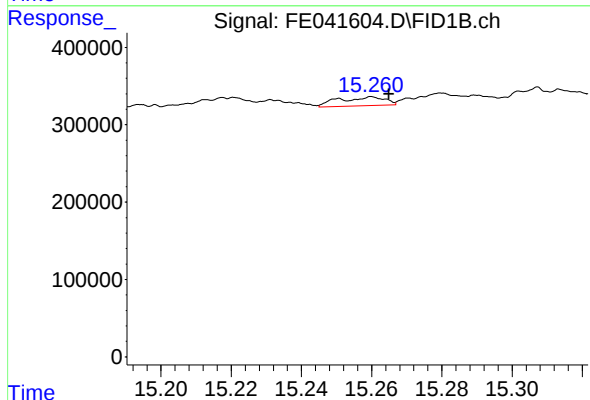
R.T.: 13.421 min
Delta R.T.: 0.014 min
Response: 2191741
Conc: 15.51 ug/ml

Instrument :
FID_E
ClientSampleId :



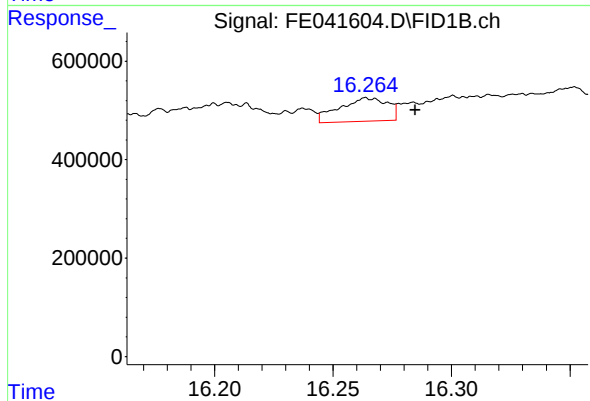
#13 n-Docosane (C22)

R.T.: 14.177 min
Delta R.T.: 0.015 min
Response: 199689
Conc: 1.25 ug/ml



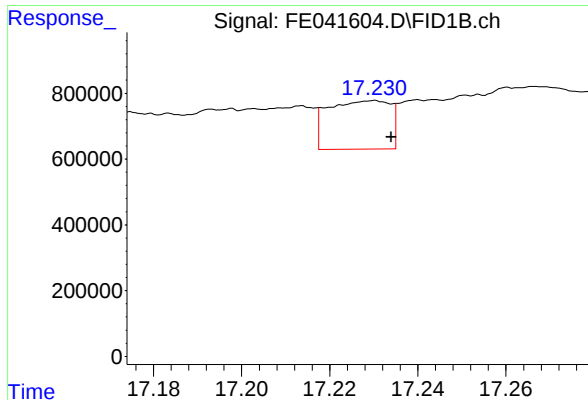
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: -0.005 min
Response: 105483
Conc: 0.65 ug/ml



#15 n-Hexacosane (C26)

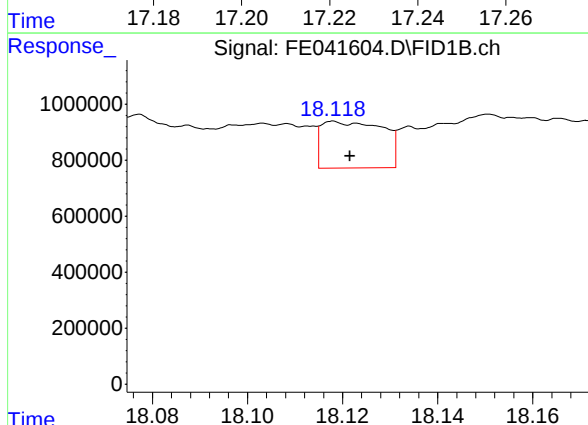
R.T.: 16.264 min
Delta R.T.: -0.021 min
Response: 677205
Conc: 4.28 ug/ml



#16 n-Octacosane (C28)

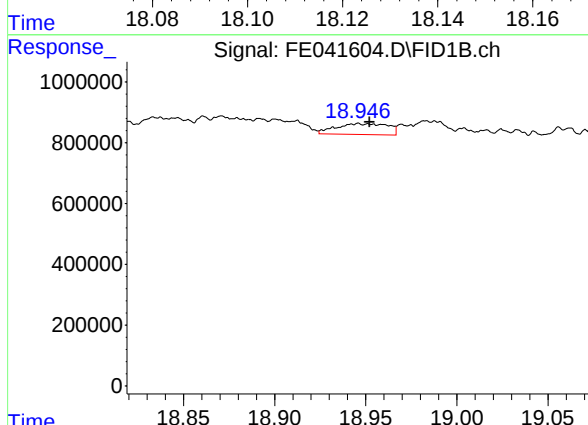
R.T.: 17.230 min
Delta R.T.: -0.004 min
Response: 1446494
Conc: 9.40 ug/ml

Instrument :
FID_E
ClientSampleId :



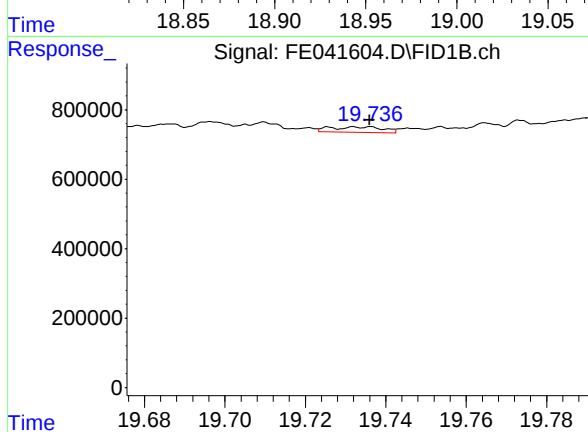
#17 n-Tricontane (C30)

R.T.: 18.118 min
Delta R.T.: -0.003 min
Response: 1493947
Conc: 9.81 ug/ml



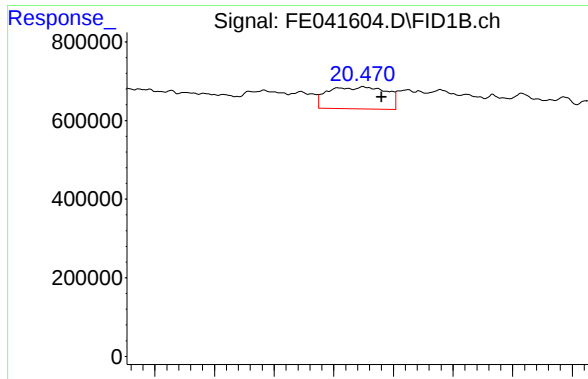
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: -0.006 min
Response: 703038
Conc: 4.72 ug/ml



#19 n-Tetratriacontane (C34)

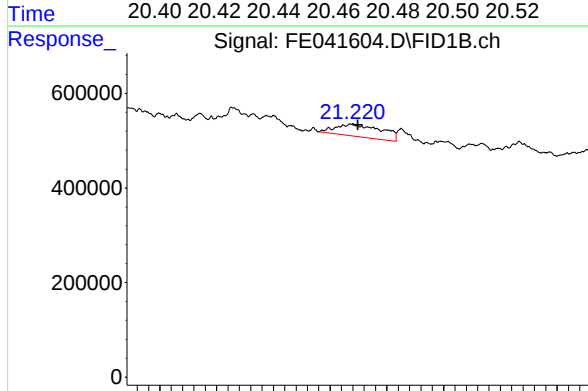
R.T.: 19.726 min
Delta R.T.: -0.010 min
Response: 141540
Conc: 1.00 ug/ml



#20 n-Hexatriacontane (C36)

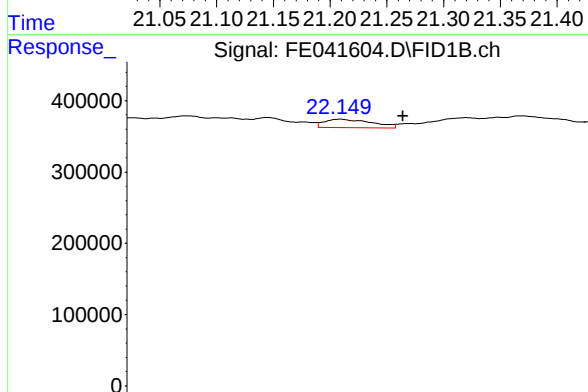
R.T.: 20.470 min
Delta R.T.: -0.006 min
Response: 756601
Conc: 5.66 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: -0.006 min
Response: 736482
Conc: 5.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: -0.009 min
Response: 59926
Conc: 0.47 ug/ml