

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110123AL\
 Data File : FE045139.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2023 16:21
 Operator : YP\AJ
 Sample : 05170-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 01 23:54:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.928	425810	2.124 ug/ml
Spiked Amount 50.000		Recovery =	4.25%
12) S 1-chlorooctadecane (S...	13.377	125612	0.849 ug/ml
Spiked Amount 50.000		Recovery =	1.70%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.230	364150	1.967 ug/ml
4) T n-Dodecane (C12)	6.694	49644	0.288 ug/ml
5) T A~2-methylnaphthalene...	7.325	426911	2.367 ug/ml
7) T n-Hexadecane (C16)	10.138	185243	1.059 ug/ml
8) T n-Octadecane (C18)	11.577	92195	0.529 ug/ml
10) T n-Eicosane (C20)	12.892	231440	1.386 ug/ml
11) T n-Heneicosane (C21)	13.513	240363	1.475 ug/ml
13) T n-Docosane (C22)	14.113	244909	1.531 ug/ml
14) T n-Tetracosane (C24)	15.170	1183332	7.625 ug/ml
15) T n-Hexacosane (C26)	16.222	465624	3.101 ug/ml
16) T n-Octacosane (C28)	17.182	1158047	7.886 ug/ml
17) T n-Tricontane (C30)	18.065	1966300	13.221 ug/ml
18) T n-Dotriacontane (C32)	18.902	1378189	9.182 ug/ml
19) T n-Tetratriacontane (C34)	19.712	3868181	25.985 ug/ml
20) T n-Hexatriacontane (C36)	20.440	3664668	23.837 ug/ml
21) T n-Octatriacontane (C38)	21.171	1427086	9.136 ug/ml
22) T n-Tetracontane (C40)	22.101	141338	0.846 ug/ml

(f)=RT Delta > 1/2 Window

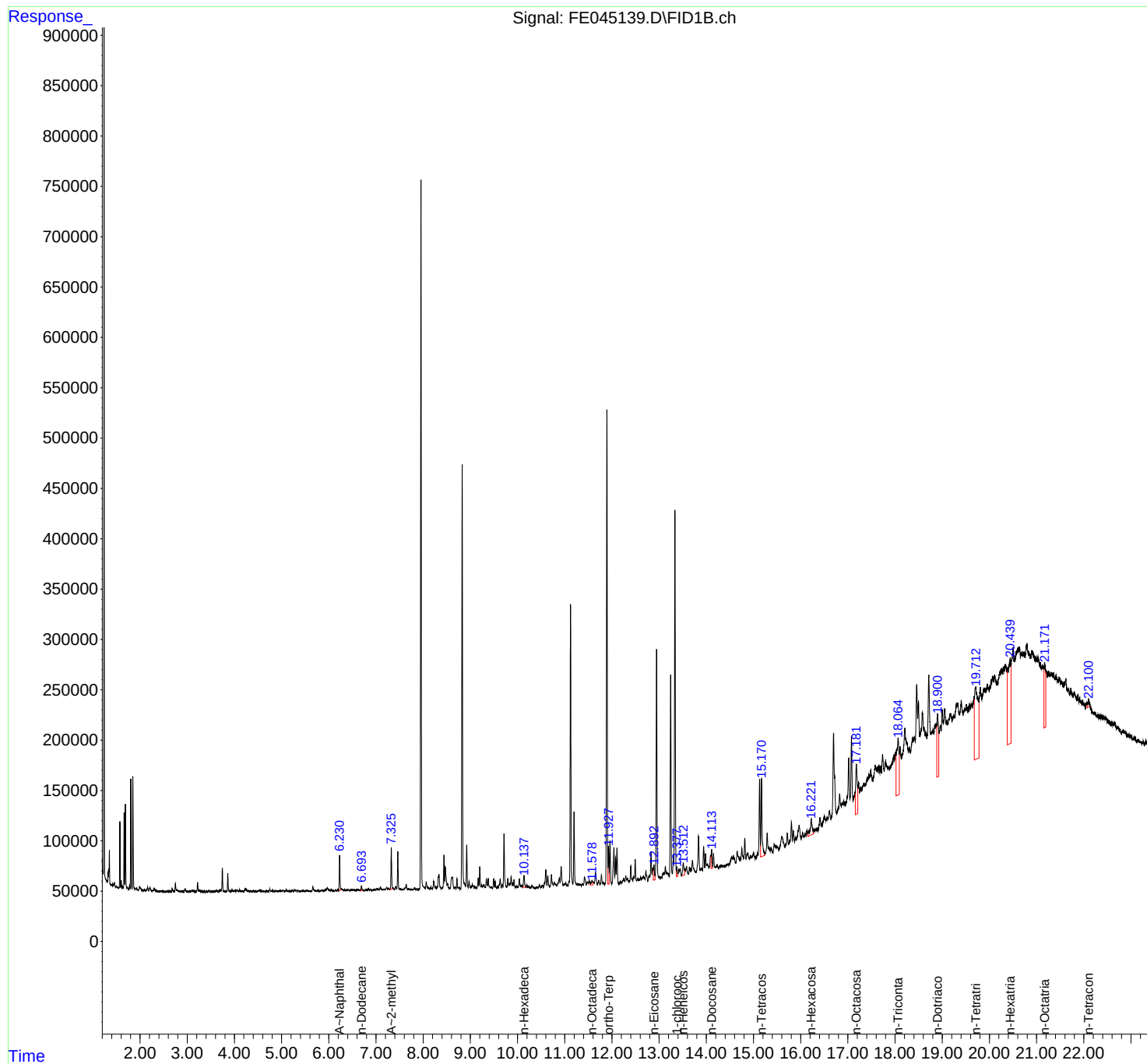
(m)=manual int.

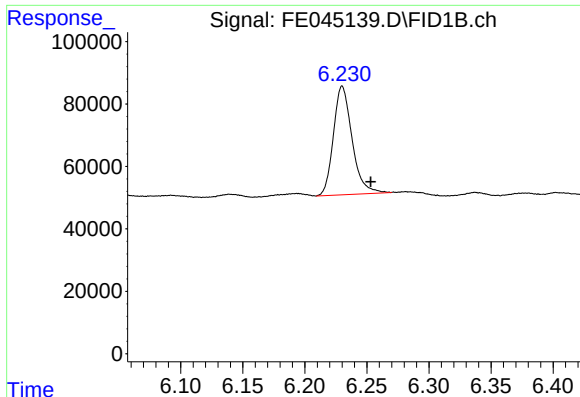
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Signal Info : 20M x 0.18mm x 0.18um

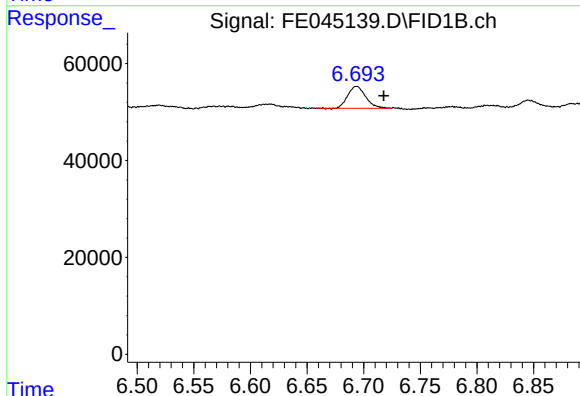




#3 A~Naphthalene (C11.7)

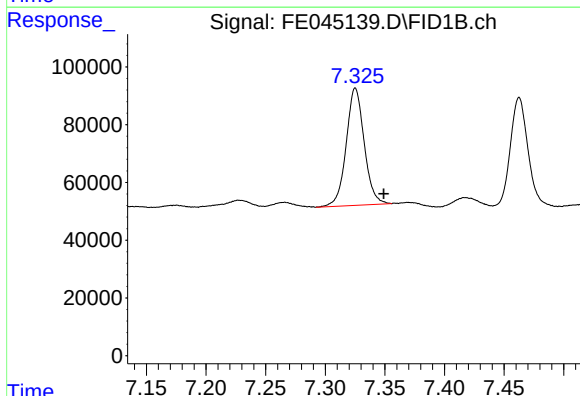
R.T.: 6.230 min
Delta R.T.: -0.023 min
Response: 364150
Conc: 1.97 ug/ml

Instrument :
FID_E
ClientSampleId :



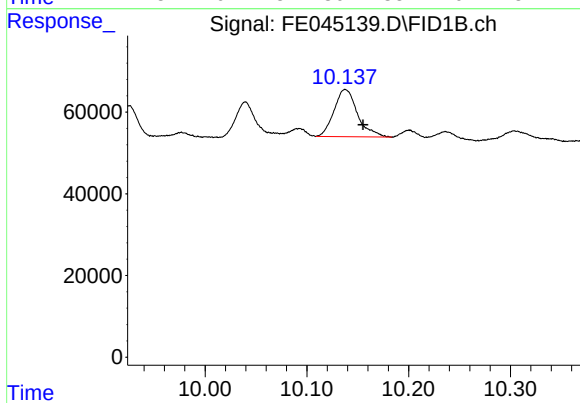
#4 n-Dodecane (C12)

R.T.: 6.694 min
Delta R.T.: -0.024 min
Response: 49644
Conc: 0.29 ug/ml



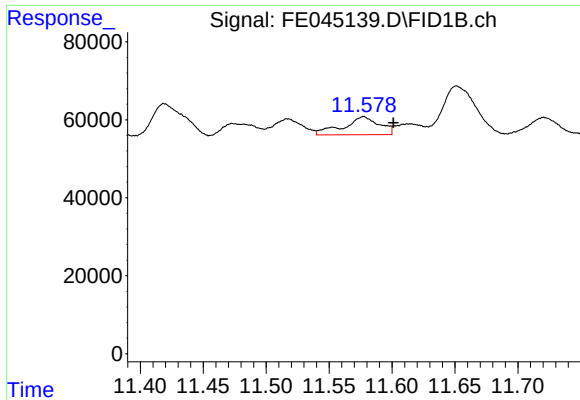
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: -0.024 min
Response: 426911
Conc: 2.37 ug/ml



#7 n-Hexadecane (C16)

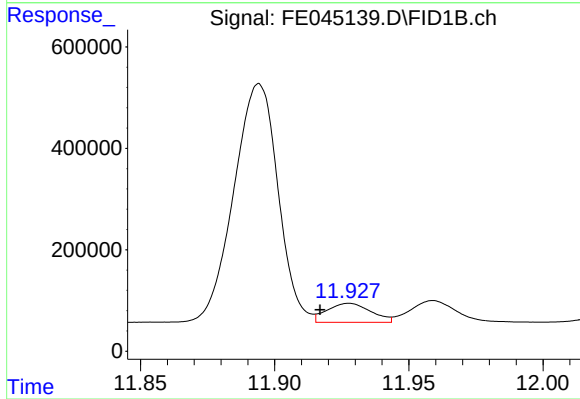
R.T.: 10.138 min
Delta R.T.: -0.018 min
Response: 185243
Conc: 1.06 ug/ml



#8 n-Octadecane (C18)

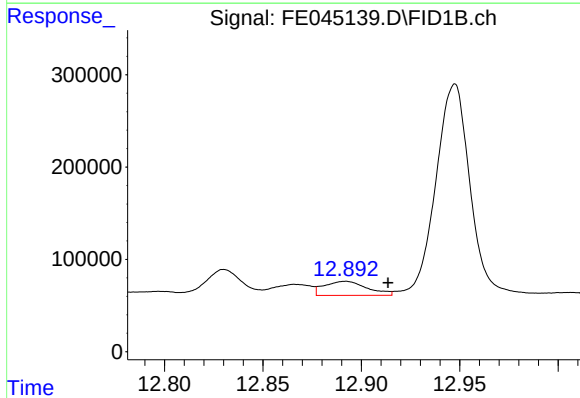
R.T.: 11.577 min
Delta R.T.: -0.024 min
Response: 92195
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :



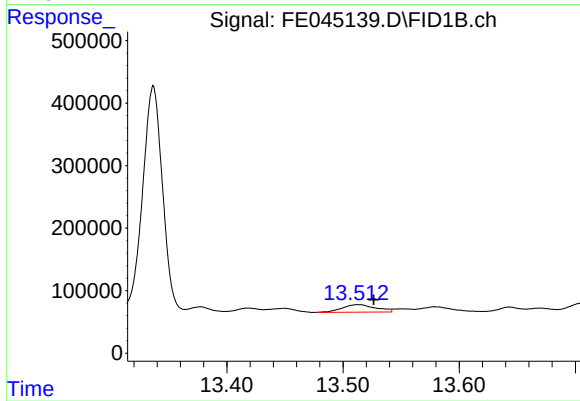
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.011 min
Response: 425810
Conc: 2.12 ug/ml



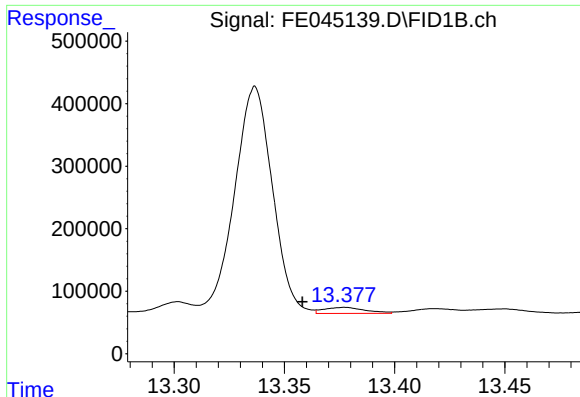
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.022 min
Response: 231440
Conc: 1.39 ug/ml



#11 n-Heneicosane (C21)

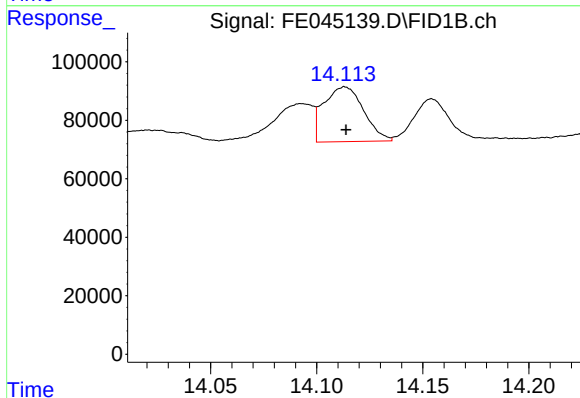
R.T.: 13.513 min
Delta R.T.: -0.013 min
Response: 240363
Conc: 1.47 ug/ml



#12 1-chlorooctadecane (SURR)

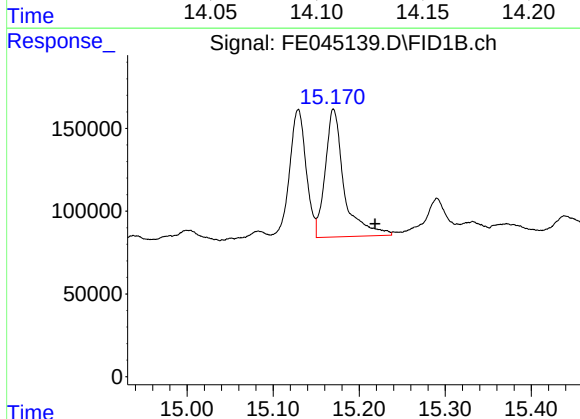
R.T.: 13.377 min
Delta R.T.: 0.019 min
Response: 125612
Conc: 0.85 ug/ml

Instrument :
FID_E
ClientSampleId :



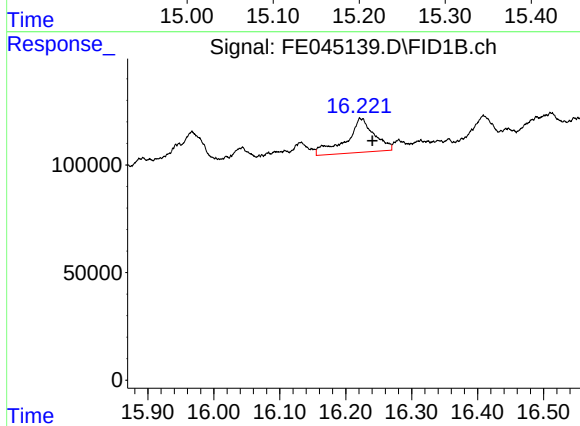
#13 n-Docosane (C22)

R.T.: 14.113 min
Delta R.T.: 0.000 min
Response: 244909
Conc: 1.53 ug/ml



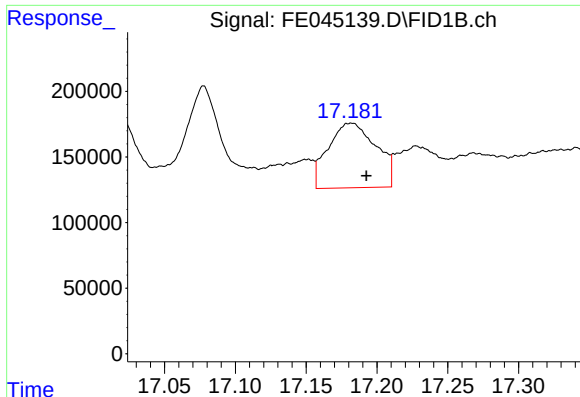
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.048 min
Response: 1183332
Conc: 7.62 ug/ml



#15 n-Hexacosane (C26)

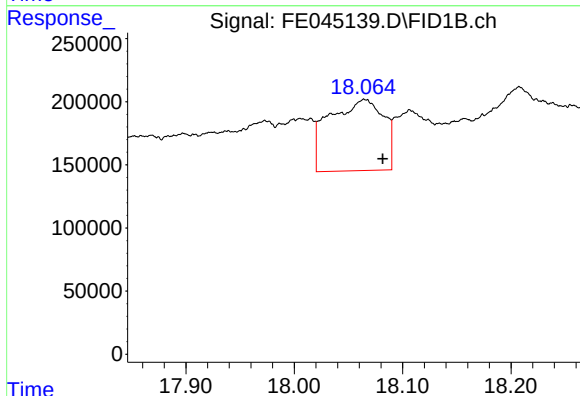
R.T.: 16.222 min
Delta R.T.: -0.018 min
Response: 465624
Conc: 3.10 ug/ml



#16 n-Octacosane (C28)

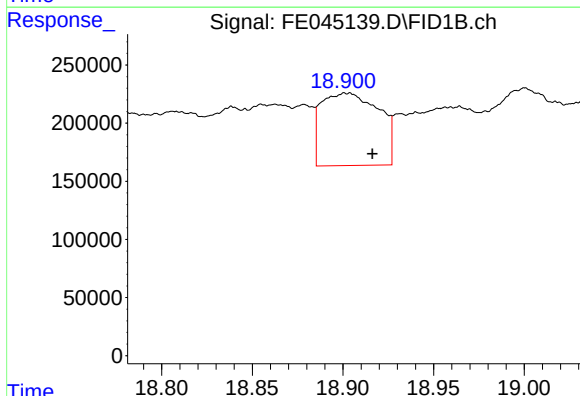
R.T.: 17.182 min
Delta R.T.: -0.011 min
Response: 1158047
Conc: 7.89 ug/ml

Instrument :
FID_E
ClientSampleId :



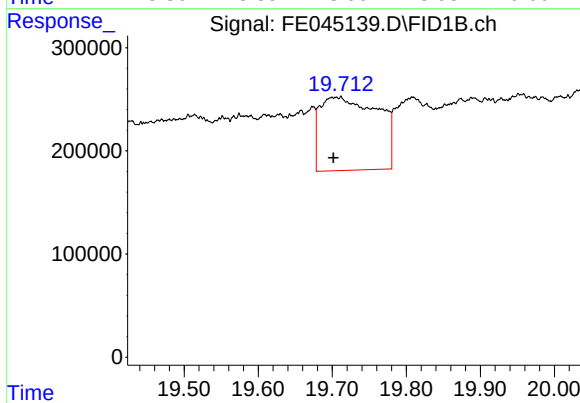
#17 n-Tricontane (C30)

R.T.: 18.065 min
Delta R.T.: -0.017 min
Response: 1966300
Conc: 13.22 ug/ml



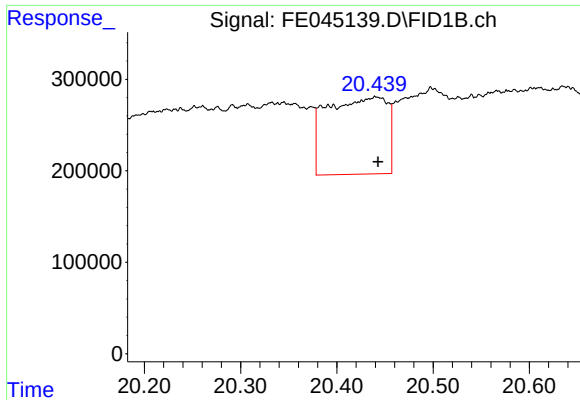
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.014 min
Response: 1378189
Conc: 9.18 ug/ml



#19 n-Tetratriacontane (C34)

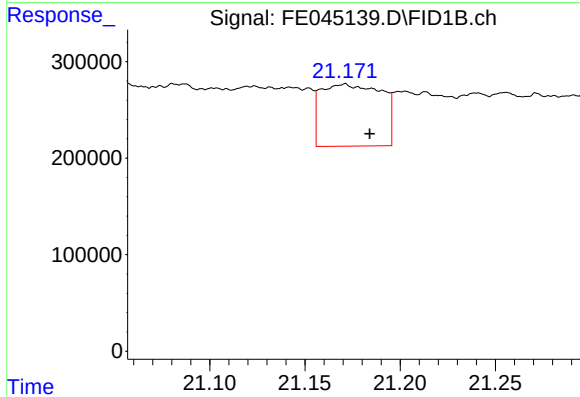
R.T.: 19.712 min
Delta R.T.: 0.010 min
Response: 3868181
Conc: 25.98 ug/ml



#20 n-Hexatriacontane (C36)

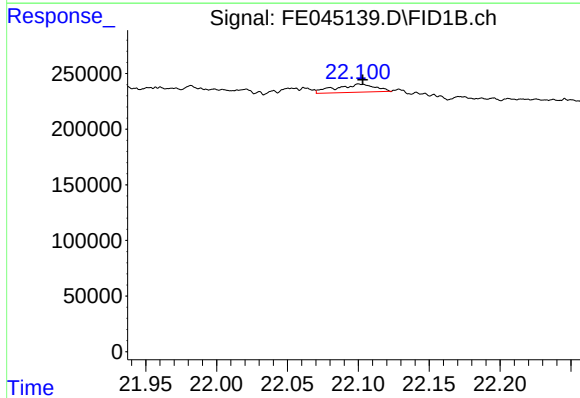
R.T.: 20.440 min
Delta R.T.: -0.002 min
Response: 3664668
Conc: 23.84 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.013 min
Response: 1427086
Conc: 9.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.002 min
Response: 141338
Conc: 0.85 ug/ml