

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055245.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 08:30
 Operator : YP\AJ
 Sample : Q2809-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 03:58:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.090	1247833	8.738 ug/ml
Spiked Amount 50.000		Recovery =	17.48%
12) S 1-chlorooctadecane (S...	13.526	1088332	10.122 ug/ml
Spiked Amount 50.000		Recovery =	20.24%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.405	39158	0.292 ug/ml
5) T A~2-methylnaphthalene...	7.506	26784	0.205 ug/ml
6) T n-Tetradecane (C14)	8.629f	20150	0.164 ug/ml
8) T n-Octadecane (C18)	11.761	26567	0.204 ug/ml
10) T n-Eicosane (C20)	13.076	61767	0.492 ug/ml
11) T n-Heneicosane (C21)	13.693	16045	0.130 ug/ml
13) T n-Docosane (C22)	14.281	40520	0.332 ug/ml
14) T n-Tetracosane (C24)	15.384	311715	2.563 ug/ml
15) T n-Hexacosane (C26)	16.412	53600	0.448 ug/ml
16) T n-Octacosane (C28)	17.365	83900	0.707 ug/ml
17) T n-Tricontane (C30)	18.255	374367	3.042 ug/ml
18) T n-Dotriacontane (C32)	19.090	221414	1.815 ug/ml
19) T n-Tetratriacontane (C34)	19.876	173139	1.481 ug/ml
20) T n-Hexatriacontane (C36)	20.618	120060	1.098 ug/ml
21) T n-Octatriacontane (C38)	21.385	46501	0.430 ug/ml
22) T n-Tetracontane (C40)	22.409	80243	0.767 ug/ml

(f)=RT Delta > 1/2 Window

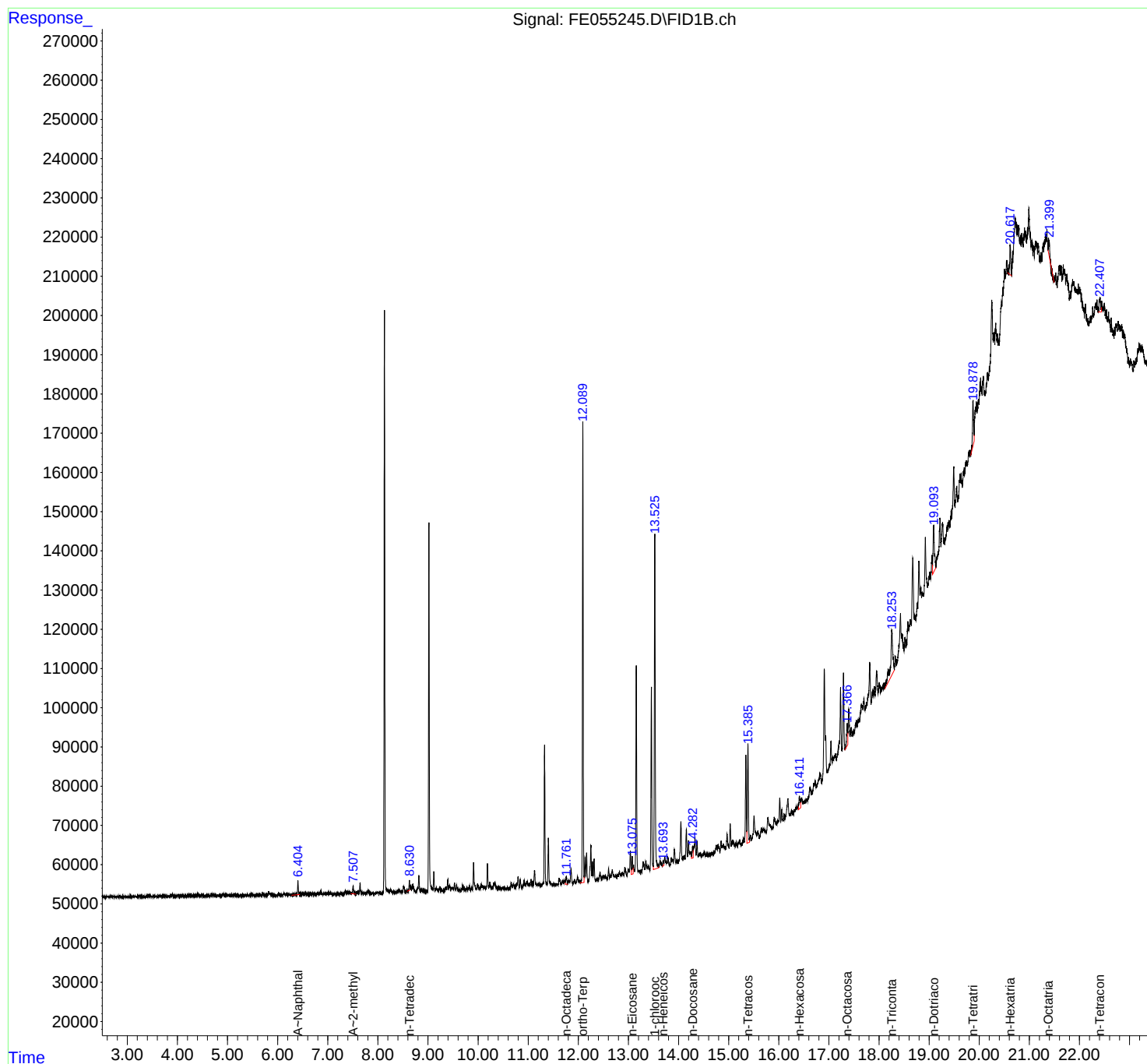
(m)=manual int.

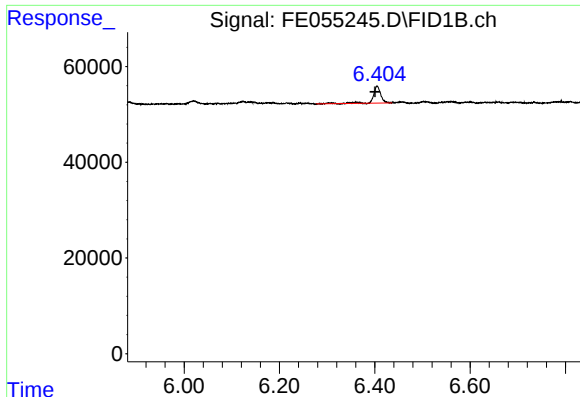
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
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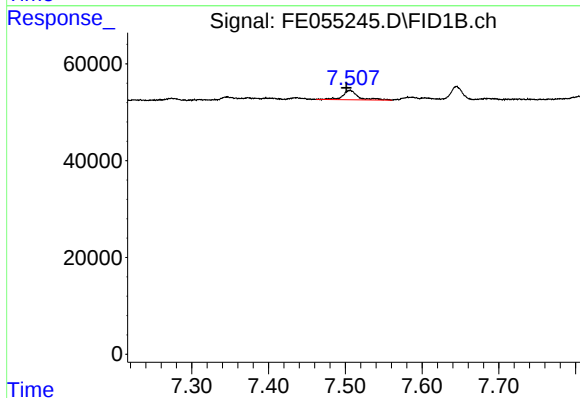
#3 A~Naphthalene (C11.7)

R.T.: 6.405 min
Delta R.T.: 0.004 min
Response: 39158
Conc: 0.29 ug/ml

Instrument :

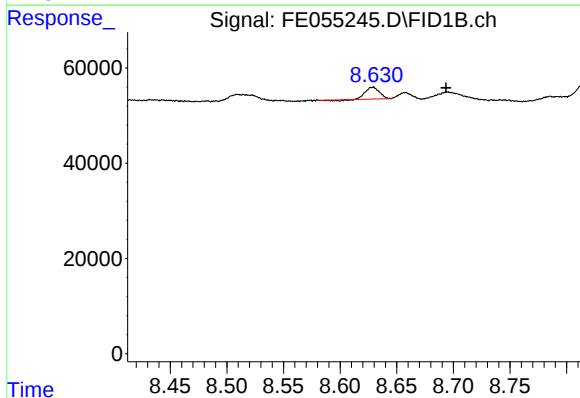
FID_C

ClientSampleId :



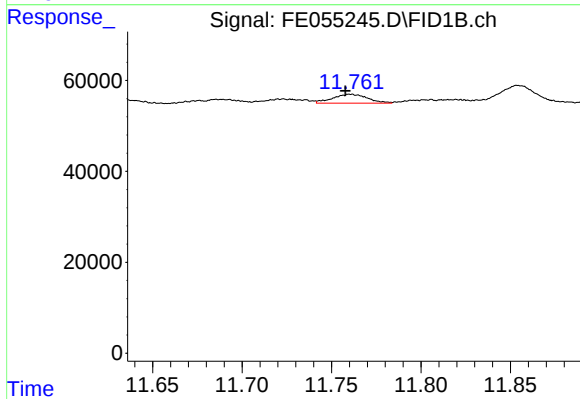
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.506 min
Delta R.T.: 0.004 min
Response: 26784
Conc: 0.21 ug/ml



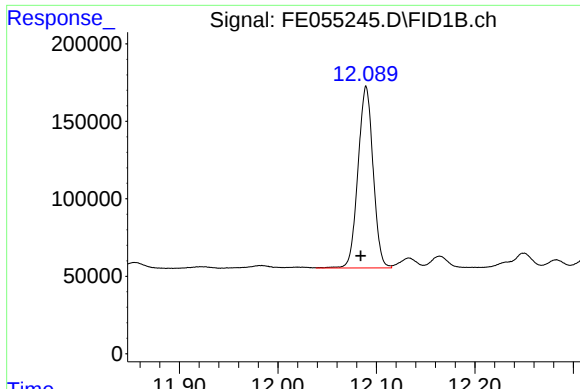
#6 n-Tetradecane (C14)

R.T.: 8.629 min
Delta R.T.: -0.065 min
Response: 20150
Conc: 0.16 ug/ml



#8 n-Octadecane (C18)

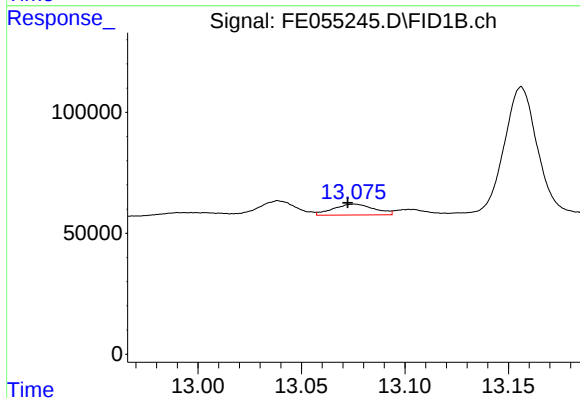
R.T.: 11.761 min
Delta R.T.: 0.003 min
Response: 26567
Conc: 0.20 ug/ml



#9 ortho-Terphenyl (SURR)

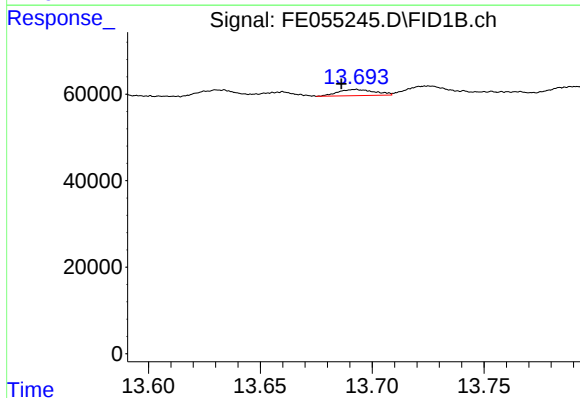
R.T.: 12.090 min
Delta R.T.: 0.005 min
Response: 1247833
Conc: 8.74 ug/ml

Instrument :
FID_C
ClientSampleId :



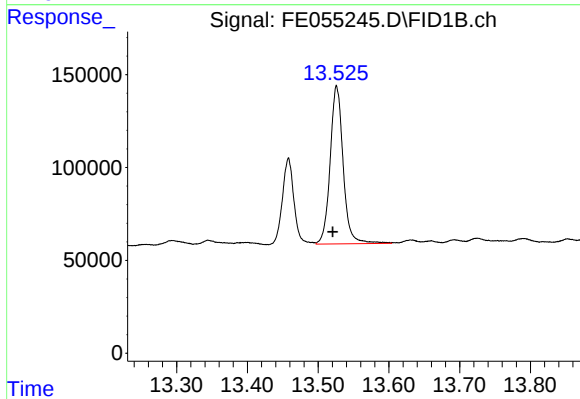
#10 n-Eicosane (C20)

R.T.: 13.076 min
Delta R.T.: 0.003 min
Response: 61767
Conc: 0.49 ug/ml



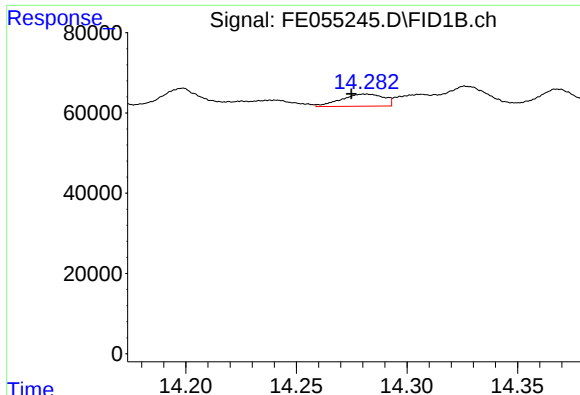
#11 n-Heneicosane (C21)

R.T.: 13.693 min
Delta R.T.: 0.007 min
Response: 16045
Conc: 0.13 ug/ml



#12 1-chlorooctadecane (SURR)

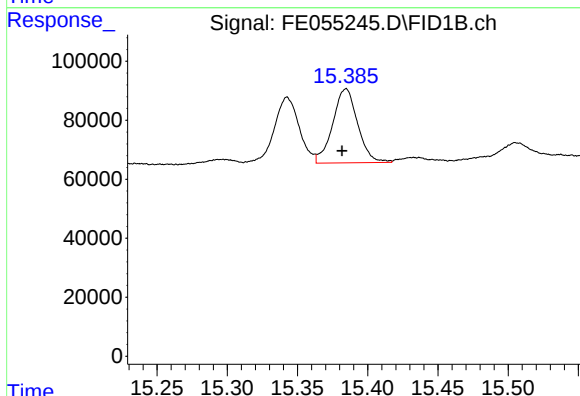
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 1088332
Conc: 10.12 ug/ml



#13 n-Docosane (C22)

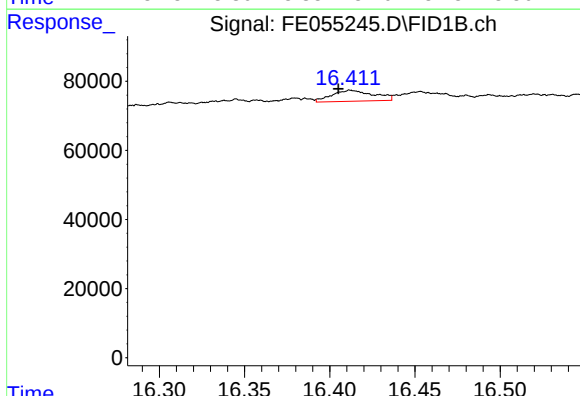
R.T.: 14.281 min
Delta R.T.: 0.007 min
Response: 40520
Conc: 0.33 ug/ml

Instrument :
FID_C
ClientSampleId :



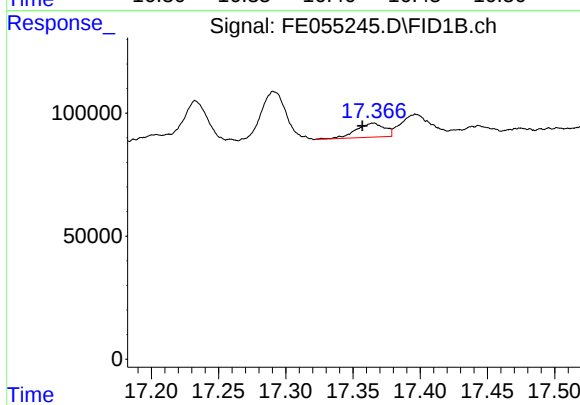
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.003 min
Response: 311715
Conc: 2.56 ug/ml



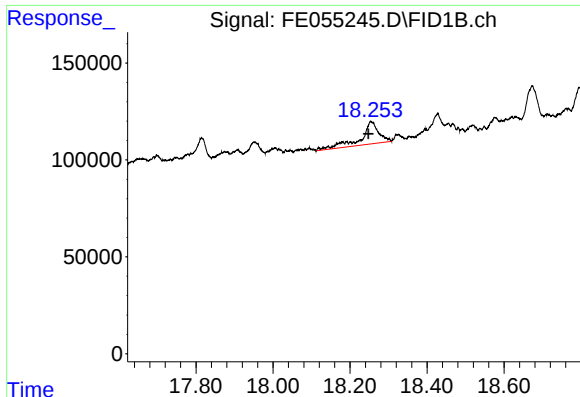
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: 0.007 min
Response: 53600
Conc: 0.45 ug/ml



#16 n-Octacosane (C28)

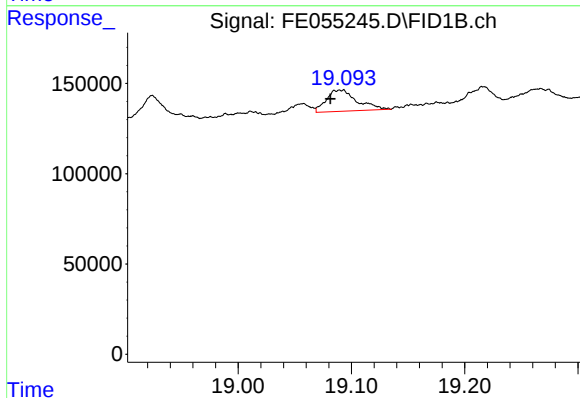
R.T.: 17.365 min
Delta R.T.: 0.008 min
Response: 83900
Conc: 0.71 ug/ml



#17 n-Tricontane (C30)

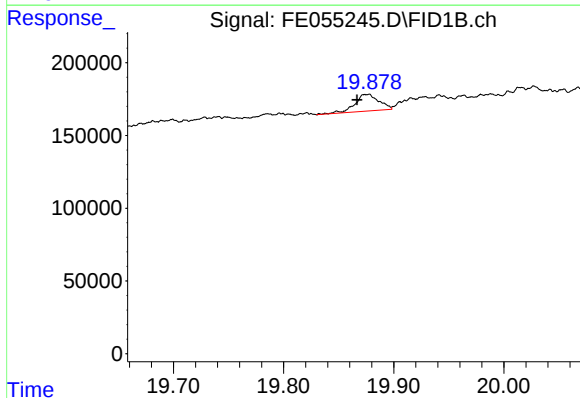
R.T.: 18.255 min
Delta R.T.: 0.007 min
Response: 374367
Conc: 3.04 ug/ml

Instrument :
FID_C
ClientSampleId :



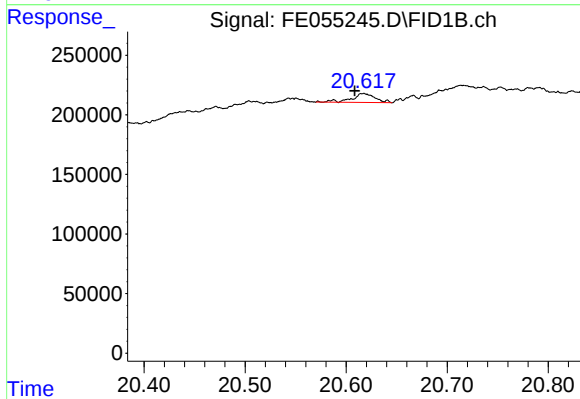
#18 n-Dotriacontane (C32)

R.T.: 19.090 min
Delta R.T.: 0.008 min
Response: 221414
Conc: 1.81 ug/ml



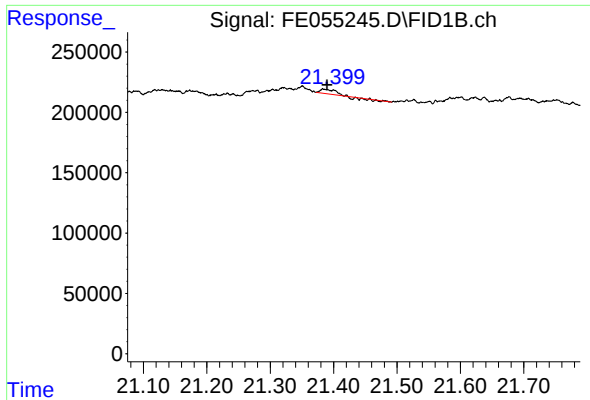
#19 n-Tetratriacontane (C34)

R.T.: 19.876 min
Delta R.T.: 0.009 min
Response: 173139
Conc: 1.48 ug/ml



#20 n-Hexatriacontane (C36)

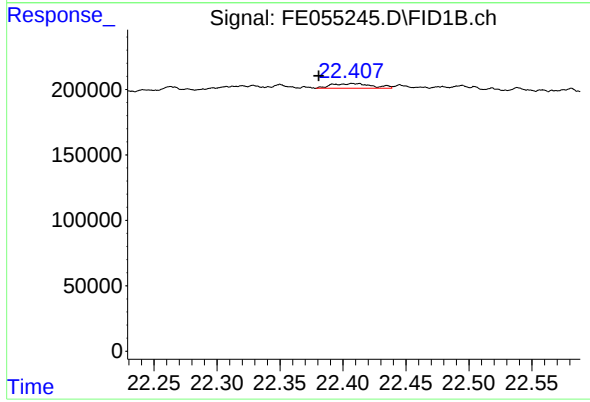
R.T.: 20.618 min
Delta R.T.: 0.009 min
Response: 120060
Conc: 1.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: -0.005 min
Response: 46501
Conc: 0.43 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.409 min
Delta R.T.: 0.028 min
Response: 80243
Conc: 0.77 ug/ml