

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042324AL\
 Data File : FE047742.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2024 17:24
 Operator : YP\AJ
 Sample : P2225-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 24 01:16:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.977	4404992	25.397 ug/ml
Spiked Amount 50.000		Recovery =	50.79%
12) S 1-chlorooctadecane (S...	13.411	3920096	29.146 ug/ml
Spiked Amount 50.000		Recovery =	58.29%
Target Compounds			
4) T n-Dodecane (C12)	6.773	98767	0.609 ug/ml
5) T A~2-methylnaphthalene...	7.416	130587	0.795 ug/ml
6) T n-Tetradecane (C14)	8.602	715626	4.448 ug/ml
7) T n-Hexadecane (C16)	10.210	1401361	8.438 ug/ml
8) T n-Octadecane (C18)	11.653	1373456	8.190 ug/ml
10) T n-Eicosane (C20)	12.963	934085	5.766 ug/ml
11) T n-Heneicosane (C21)	13.575	637434	4.017 ug/ml
13) T n-Docosane (C22)	14.160	418737	2.609 ug/ml
14) T n-Tetracosane (C24)	15.263	194238	1.177 ug/ml
15) T n-Hexacosane (C26)	16.281	94685	0.573 ug/ml
16) T n-Octacosane (C28)	17.232	83296	0.503 ug/ml
17) T n-Tricontane (C30)	18.119	116855	0.688 ug/ml
18) T n-Dotriacontane (C32)	18.949	119866	0.719 ug/ml
19) T n-Tetratriacontane (C34)	19.734	69429	0.433 ug/ml
20) T n-Hexatriacontane (C36)	20.476	63582	0.399 ug/ml
21) T n-Octatriacontane (C38)	21.218	67449	0.415 ug/ml
22) T n-Tetracontane (C40)	22.144	129243	0.789 ug/ml

(f)=RT Delta > 1/2 Window

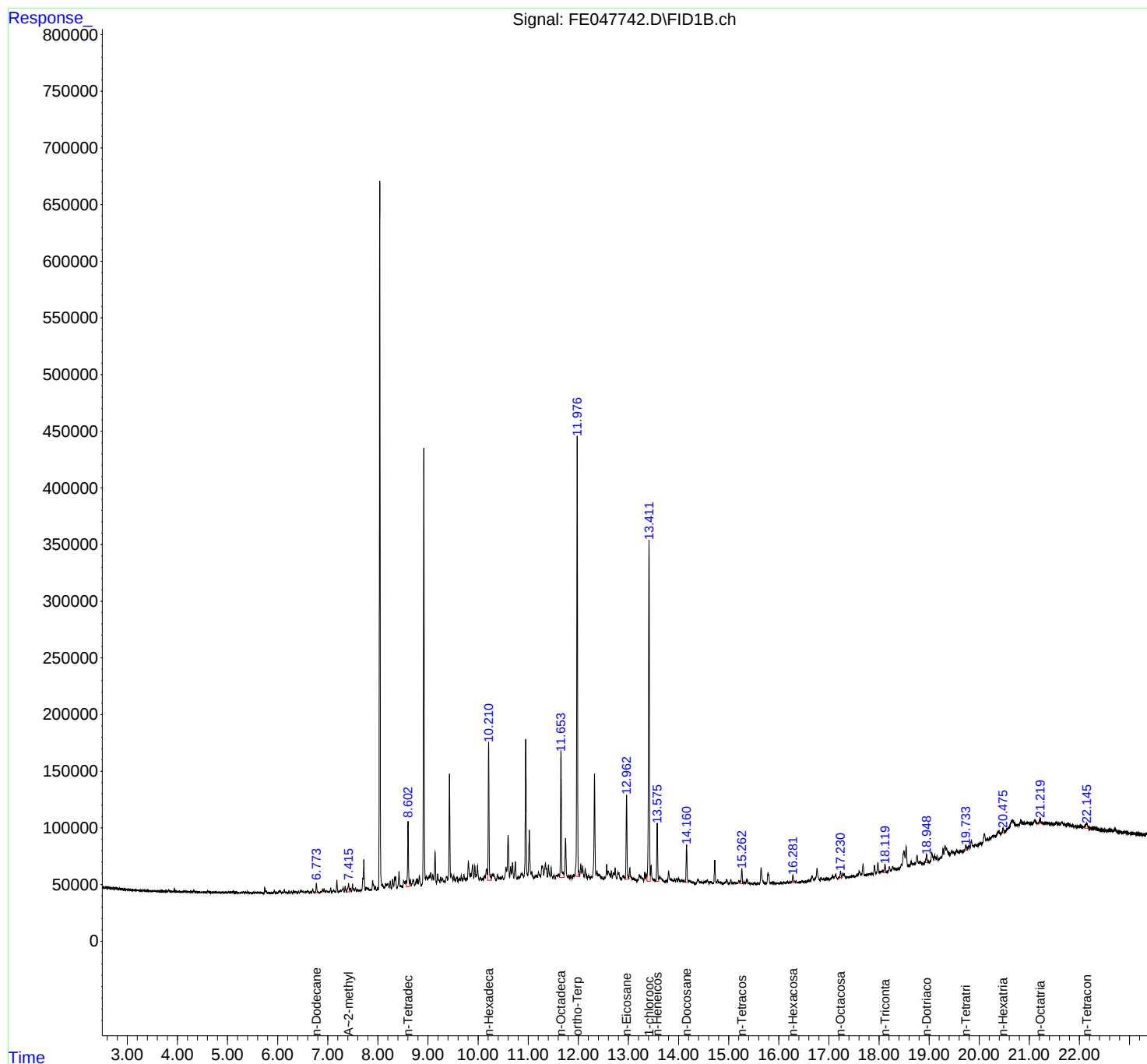
(m)=manual int.

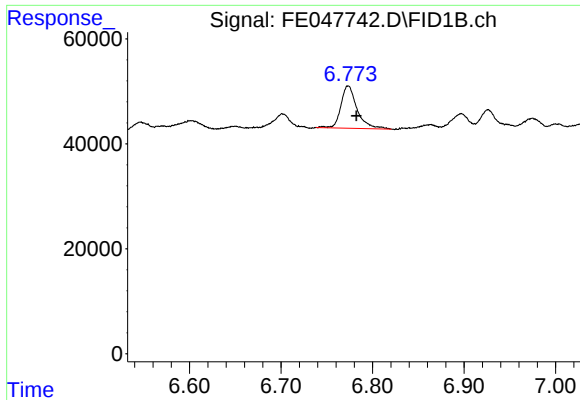
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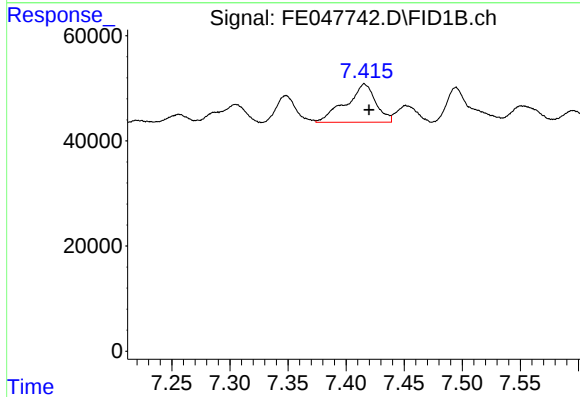




#4 n-Dodecane (C12)

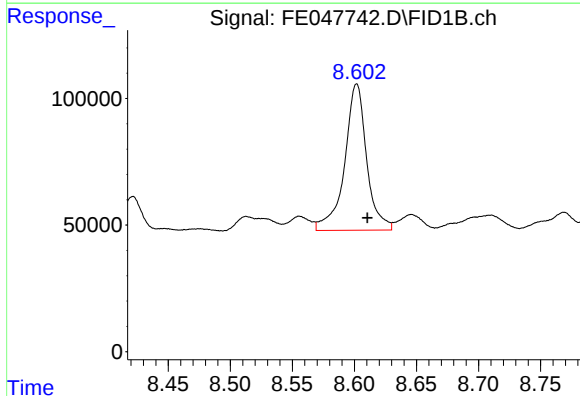
R.T.: 6.773 min
Delta R.T.: -0.009 min
Response: 98767
Conc: 0.61 ug/ml

Instrument :
FID_E
ClientSampleId :



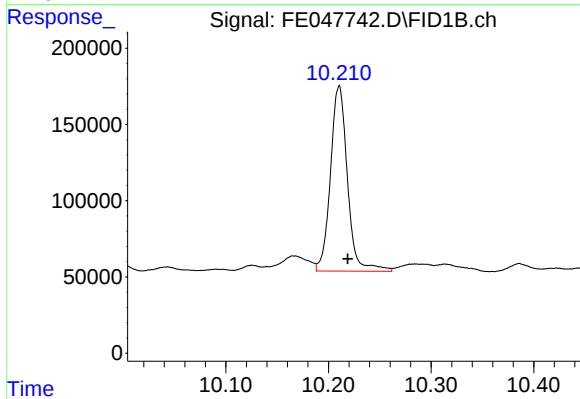
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.416 min
Delta R.T.: -0.004 min
Response: 130587
Conc: 0.80 ug/ml



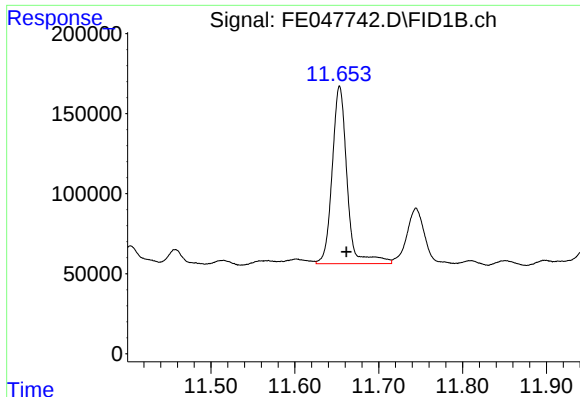
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: -0.008 min
Response: 715626
Conc: 4.45 ug/ml



#7 n-Hexadecane (C16)

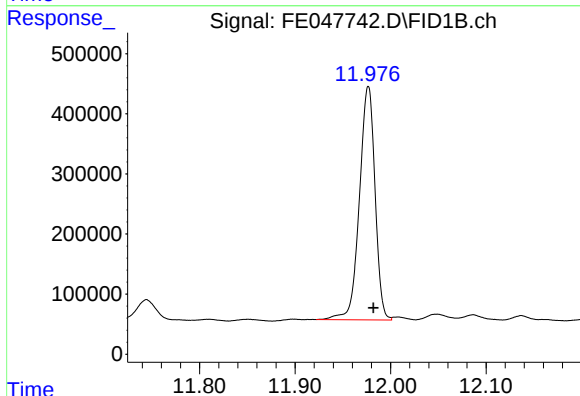
R.T.: 10.210 min
Delta R.T.: -0.008 min
Response: 1401361
Conc: 8.44 ug/ml



#8 n-Octadecane (C18)

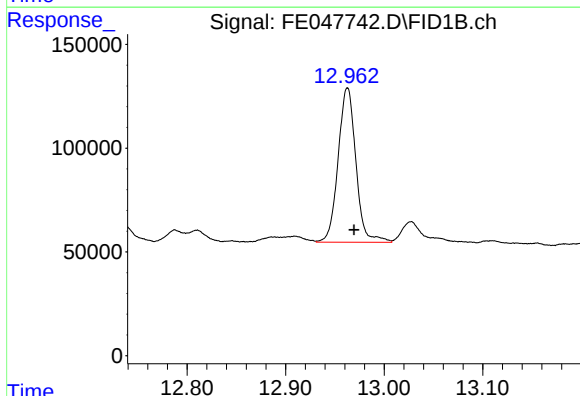
R.T.: 11.653 min
Delta R.T.: -0.008 min
Response: 1373456
Conc: 8.19 ug/ml

Instrument :
FID_E
ClientSampleId :



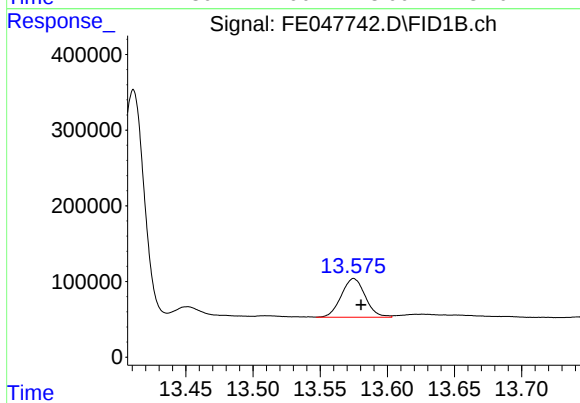
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.005 min
Response: 4404992
Conc: 25.40 ug/ml



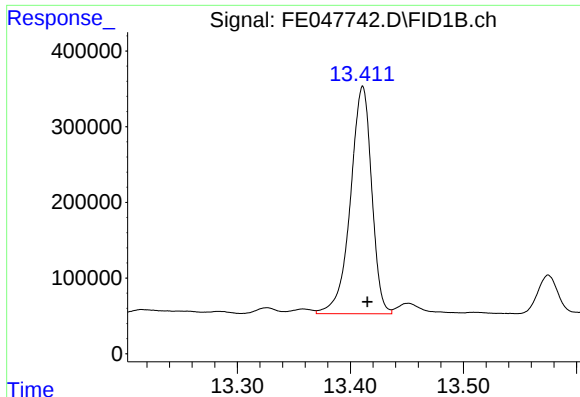
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.007 min
Response: 934085
Conc: 5.77 ug/ml



#11 n-Heneicosane (C21)

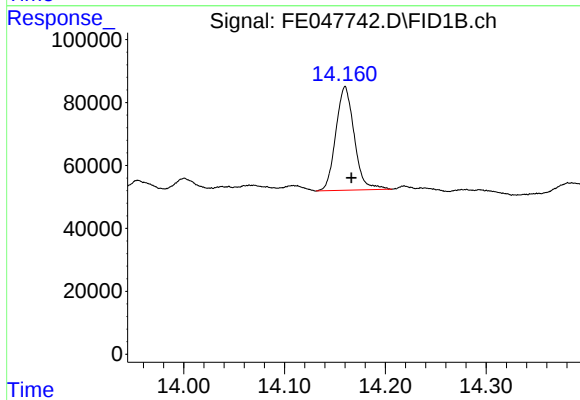
R.T.: 13.575 min
Delta R.T.: -0.005 min
Response: 637434
Conc: 4.02 ug/ml



#12 1-chlorooctadecane (SURR)

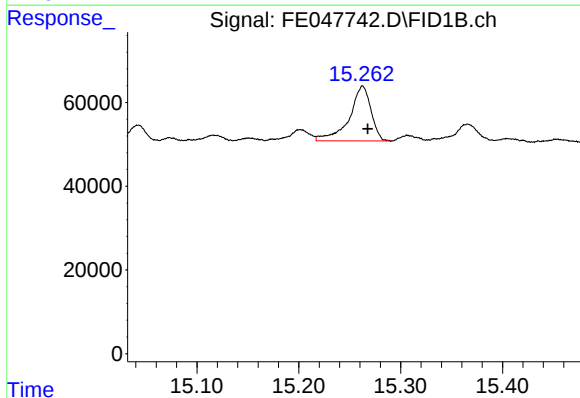
R.T.: 13.411 min
Delta R.T.: -0.004 min
Response: 3920096
Conc: 29.15 ug/ml

Instrument :
FID_E
ClientSampleId :



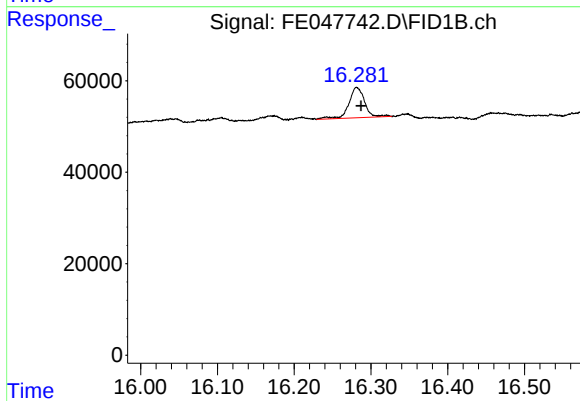
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.006 min
Response: 418737
Conc: 2.61 ug/ml



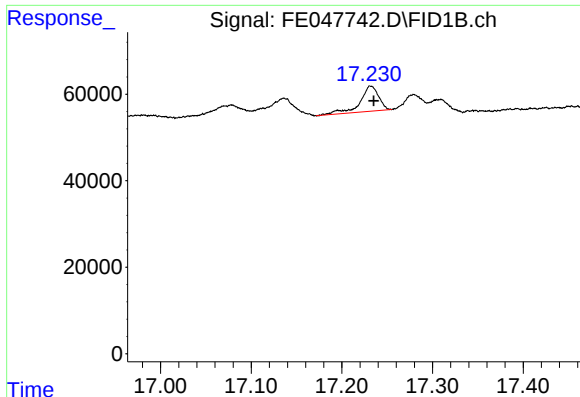
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.005 min
Response: 194238
Conc: 1.18 ug/ml



#15 n-Hexacosane (C26)

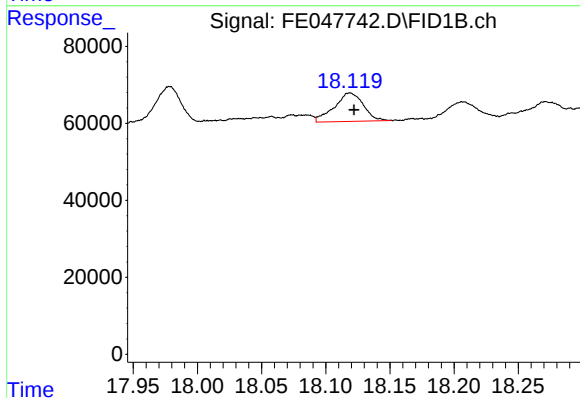
R.T.: 16.281 min
Delta R.T.: -0.006 min
Response: 94685
Conc: 0.57 ug/ml



#16 n-Octacosane (C28)

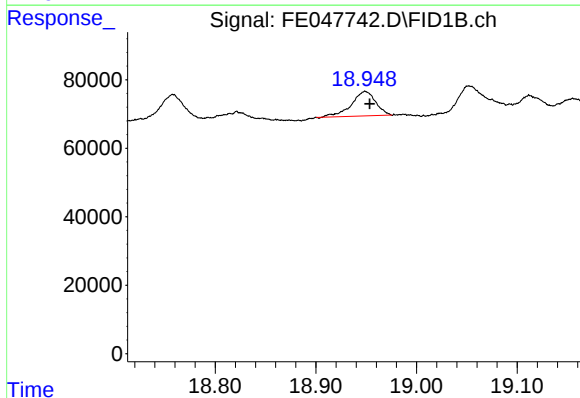
R.T.: 17.232 min
Delta R.T.: -0.003 min
Response: 83296
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



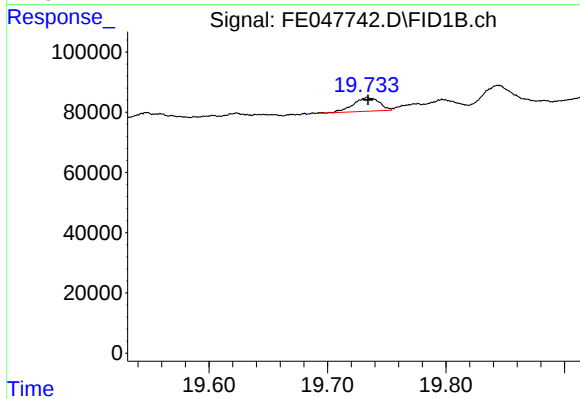
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: -0.003 min
Response: 116855
Conc: 0.69 ug/ml



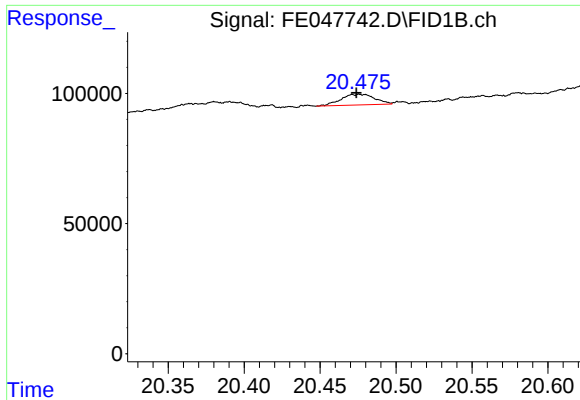
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: -0.005 min
Response: 119866
Conc: 0.72 ug/ml



#19 n-Tetratriacontane (C34)

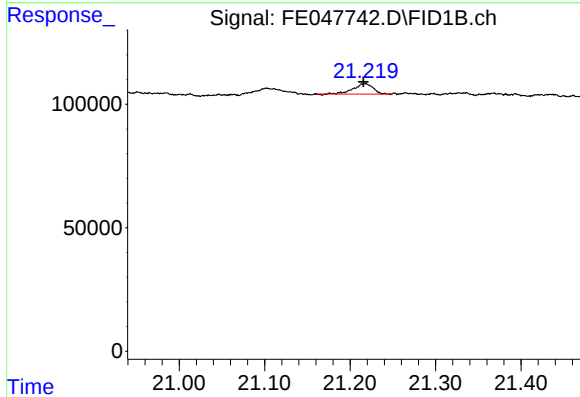
R.T.: 19.734 min
Delta R.T.: 0.000 min
Response: 69429
Conc: 0.43 ug/ml



#20 n-Hexatriacontane (C36)

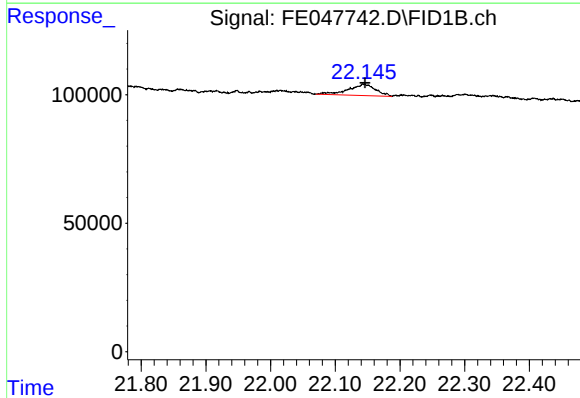
R.T.: 20.476 min
Delta R.T.: 0.002 min
Response: 63582
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: 0.002 min
Response: 67449
Conc: 0.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.002 min
Response: 129243
Conc: 0.79 ug/ml