

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011524AL\
 Data File : FE046227.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jan 2024 16:31
 Operator : YP\AJ
 Sample : P1132-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 16 02:34:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.836	16341078	89.922 ug/ml
Spiked Amount 50.000		Recovery =	179.84%
12) S 1-chlorooctadecane (S...	13.278	9953042	74.493 ug/ml
Spiked Amount 50.000		Recovery =	148.99%
Target Compounds			
4) T n-Dodecane (C12)	6.709f	26492	0.170 ug/ml
5) T A~2-methylnaphthalene...	7.289	45583	0.286 ug/ml
6) T n-Tetradecane (C14)	8.459	45399	0.291 ug/ml
7) T n-Hexadecane (C16)	10.076	890844	5.626 ug/ml
8) T n-Octadecane (C18)	11.532	1888839	12.001 ug/ml
10) T n-Eicosane (C20)	12.838	3358348	22.200 ug/ml
11) T n-Heneicosane (C21)	13.443	1101666	7.492 ug/ml
13) T n-Docosane (C22)	14.019	89165	0.610 ug/ml
14) T n-Tetracosane (C24)	15.134	133283	0.919 ug/ml
15) T n-Hexacosane (C26)	16.153	61329	0.428 ug/ml
16) T n-Octacosane (C28)	17.109	61037	0.426 ug/ml
17) T n-Tricontane (C30)	17.992	153936	1.036 ug/ml
18) T n-Dotriacontane (C32)	18.829	106329	0.711 ug/ml
19) T n-Tetratriacontane (C34)	19.679	64958	0.453 ug/ml
20) T n-Hexatriacontane (C36)	20.359	36827	0.253 ug/ml
21) T n-Octatriacontane (C38)	21.087	46100	0.313 ug/ml
22) T n-Tetracontane (C40)	21.991	43294	0.277 ug/ml

(f)=RT Delta > 1/2 Window

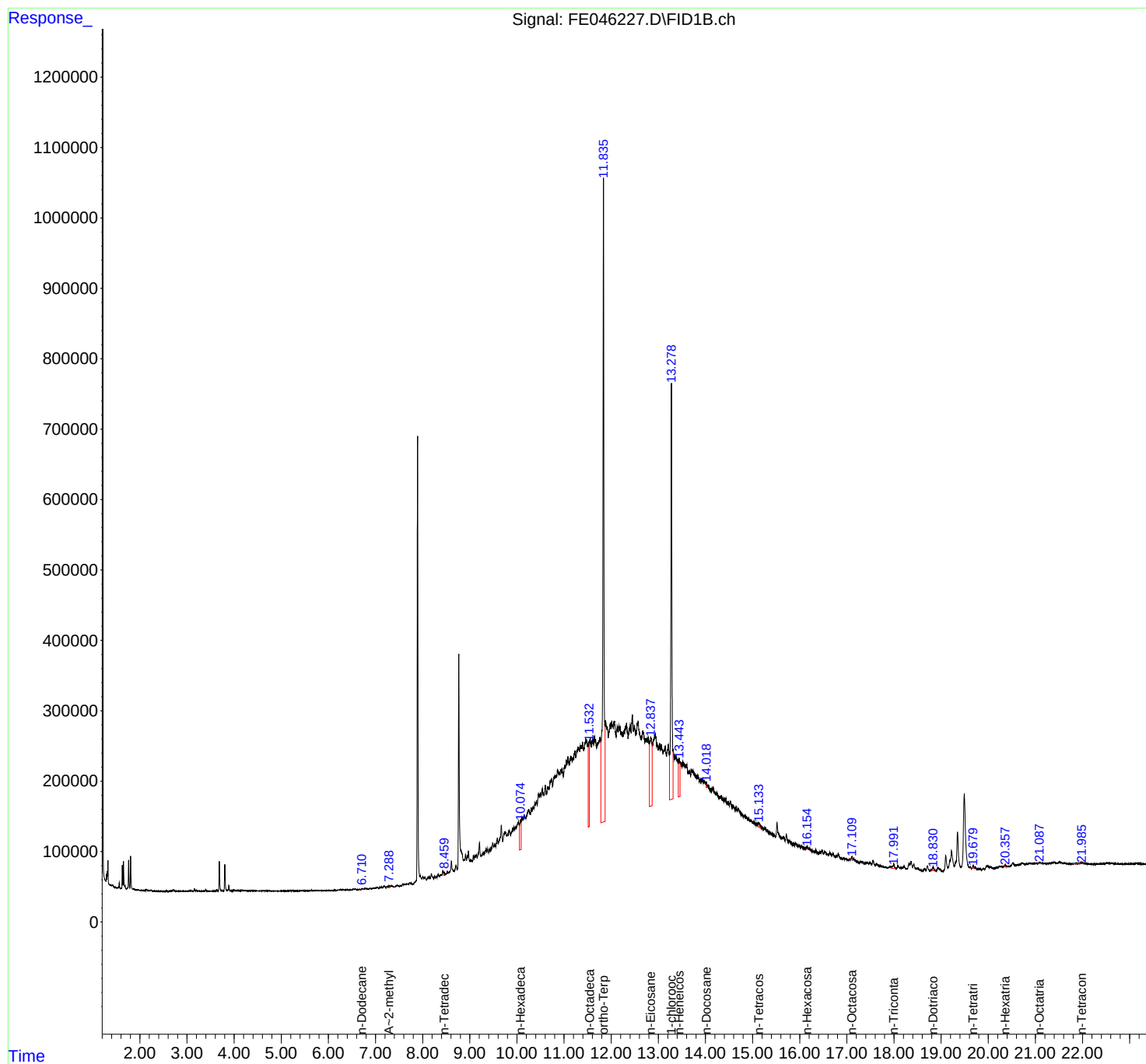
(m)=manual int.

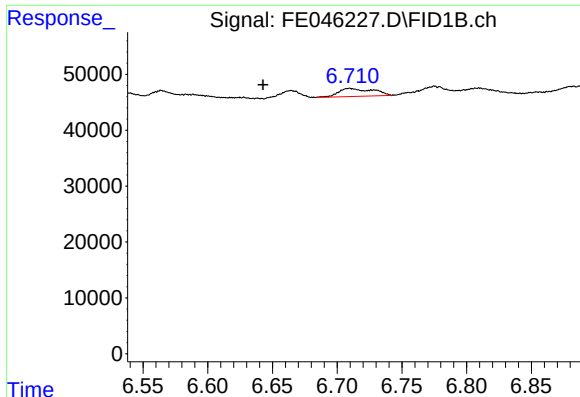
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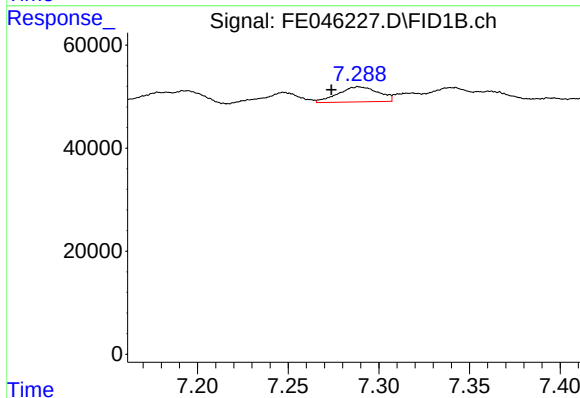




#4 n-Dodecane (C12)

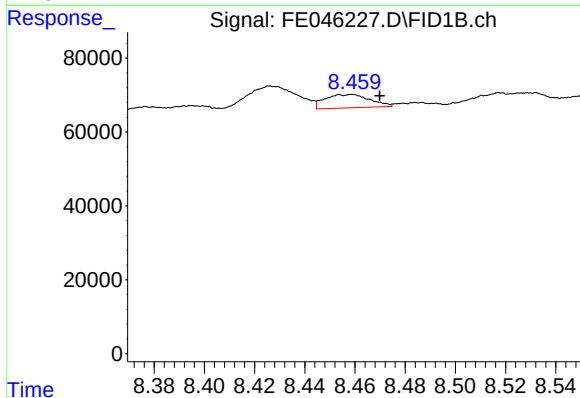
R.T.: 6.709 min
Delta R.T.: 0.067 min
Response: 26492
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :



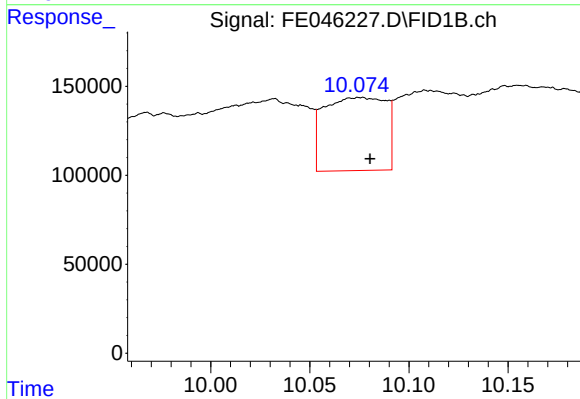
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.289 min
Delta R.T.: 0.015 min
Response: 45583
Conc: 0.29 ug/ml



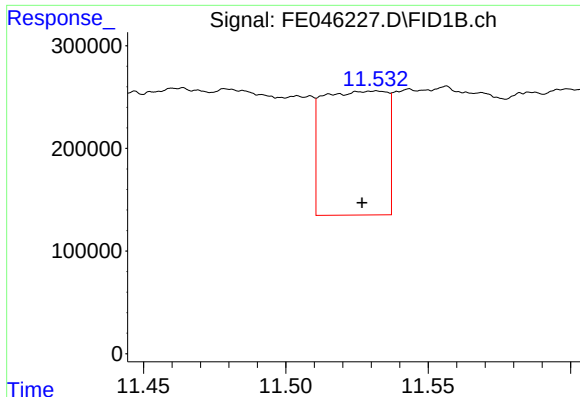
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.011 min
Response: 45399
Conc: 0.29 ug/ml



#7 n-Hexadecane (C16)

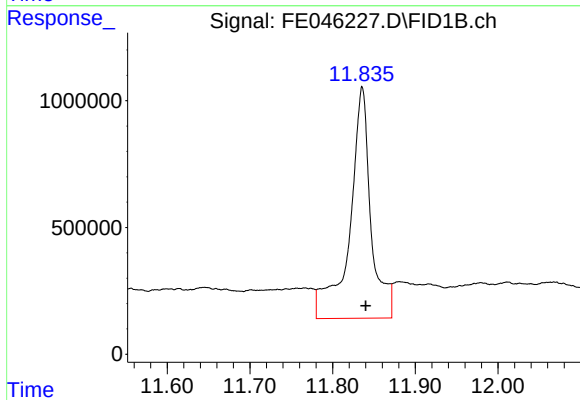
R.T.: 10.076 min
Delta R.T.: -0.005 min
Response: 890844
Conc: 5.63 ug/ml



#8 n-Octadecane (C18)

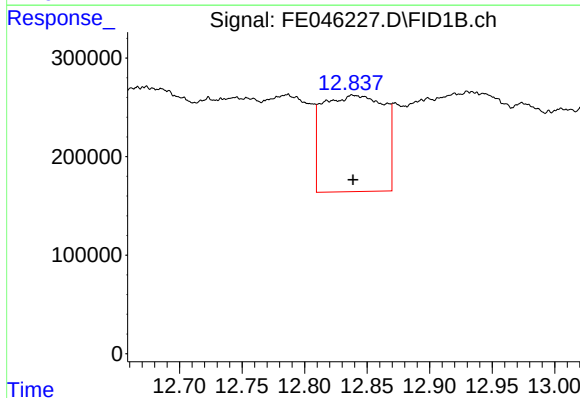
R.T.: 11.532 min
Delta R.T.: 0.005 min
Response: 1888839
Conc: 12.00 ug/ml

Instrument :
FID_E
ClientSampleId :



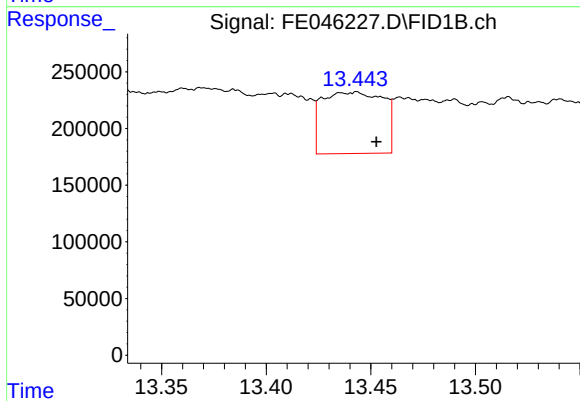
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.004 min
Response: 16341078
Conc: 89.92 ug/ml



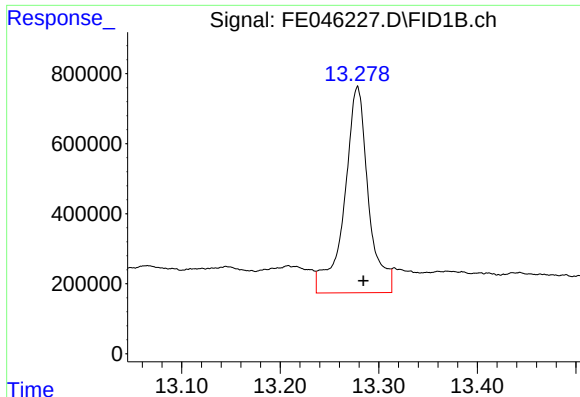
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: 0.000 min
Response: 3358348
Conc: 22.20 ug/ml



#11 n-Heneicosane (C21)

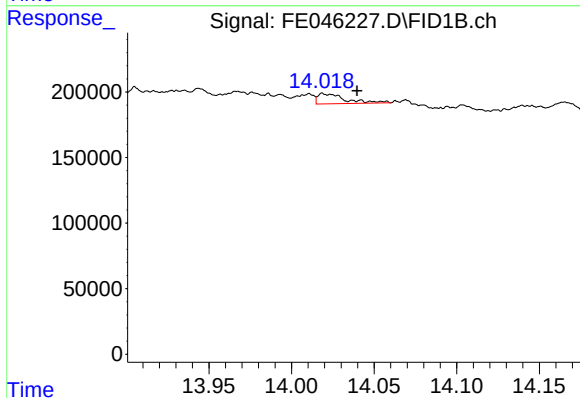
R.T.: 13.443 min
Delta R.T.: -0.009 min
Response: 1101666
Conc: 7.49 ug/ml



#12 1-chlorooctadecane (SURR)

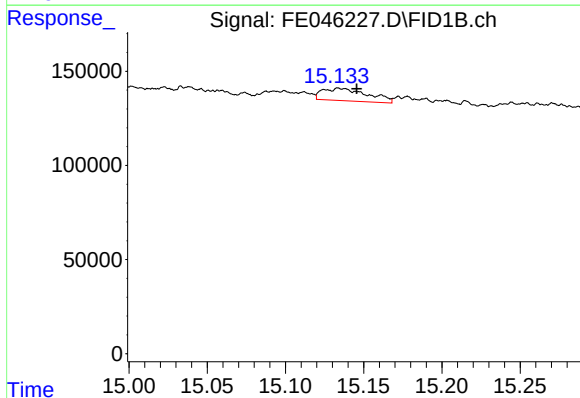
R.T.: 13.278 min
Delta R.T.: -0.006 min
Response: 9953042
Conc: 74.49 ug/ml

Instrument :
FID_E
ClientSampleId :



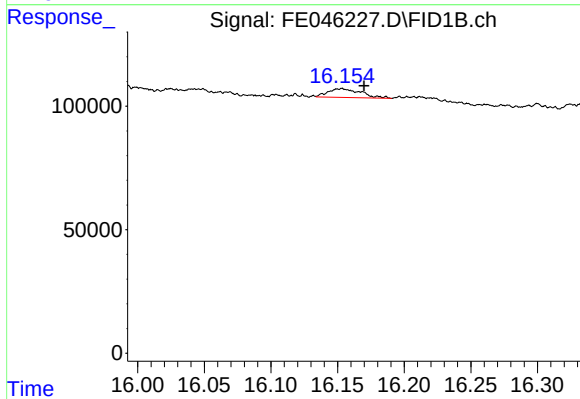
#13 n-Docosane (C22)

R.T.: 14.019 min
Delta R.T.: -0.020 min
Response: 89165
Conc: 0.61 ug/ml



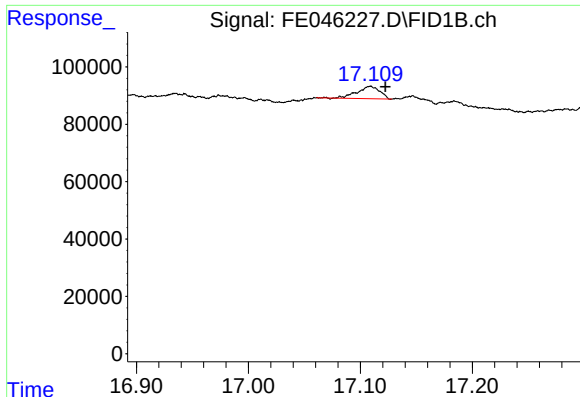
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.011 min
Response: 133283
Conc: 0.92 ug/ml



#15 n-Hexacosane (C26)

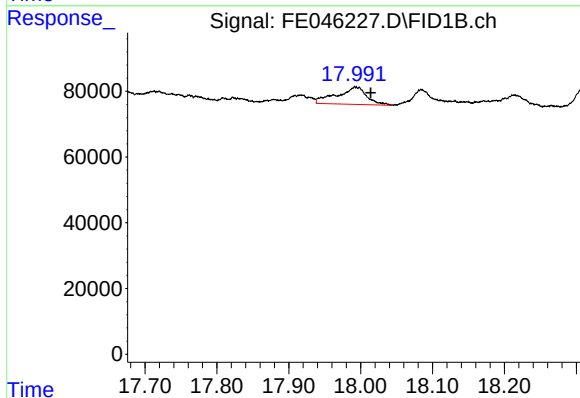
R.T.: 16.153 min
Delta R.T.: -0.017 min
Response: 61329
Conc: 0.43 ug/ml



#16 n-Octacosane (C28)

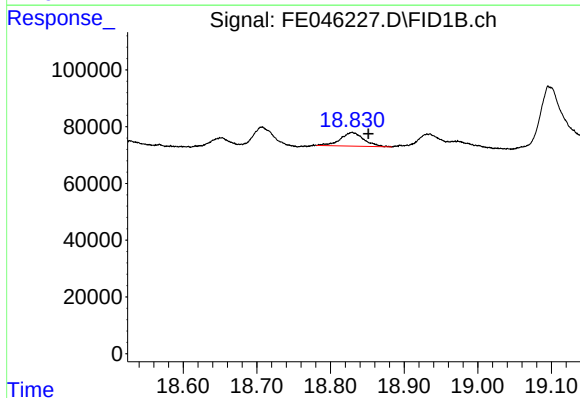
R.T.: 17.109 min
Delta R.T.: -0.014 min
Response: 61037
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :



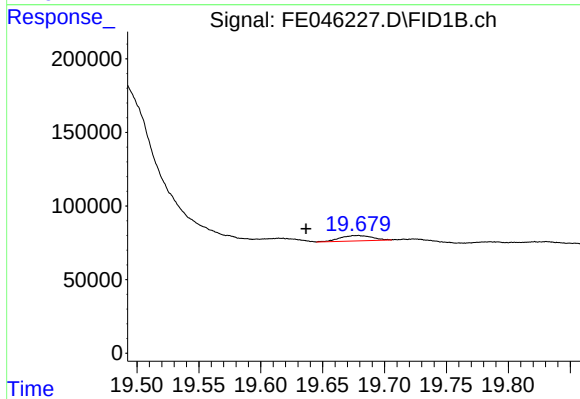
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.022 min
Response: 153936
Conc: 1.04 ug/ml



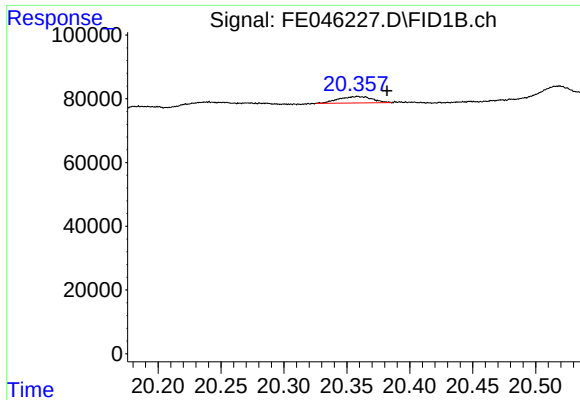
#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.022 min
Response: 106329
Conc: 0.71 ug/ml



#19 n-Tetratriacontane (C34)

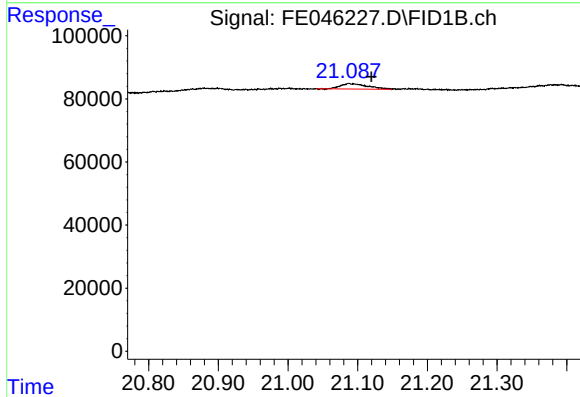
R.T.: 19.679 min
Delta R.T.: 0.042 min
Response: 64958
Conc: 0.45 ug/ml



#20 n-Hexatriacontane (C36)

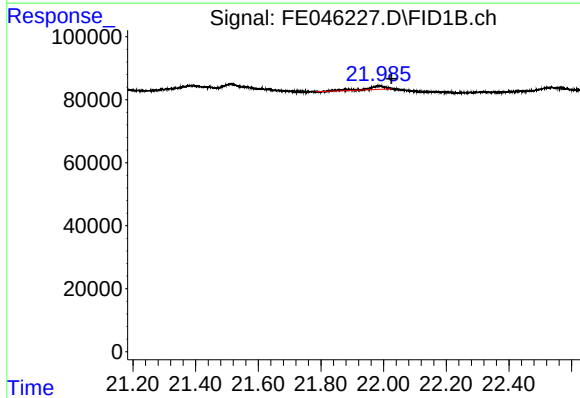
R.T.: 20.359 min
Delta R.T.: -0.023 min
Response: 36827
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: -0.032 min
Response: 46100
Conc: 0.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: -0.034 min
Response: 43294
Conc: 0.28 ug/ml