

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122322AL\
 Data File : FE039473.D
 Signal(s) : FID1B.ch
 Acq On : 23 Dec 2022 22:11
 Operator : YP\AJ
 Sample : N6180-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 25 11:30:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.930	358086	2.400 ug/ml
Spiked Amount 50.000		Recovery =	4.80%
12) S 1-chlorooctadecane (S...	13.369	3856346	33.505 ug/ml
Spiked Amount 50.000		Recovery =	67.01%
Target Compounds			
4) T n-Dodecane (C12)	6.738	129938	1.001 ug/ml
6) T n-Tetradecane (C14)	8.563	81012	0.611 ug/ml
7) T n-Hexadecane (C16)	10.171	50052	0.364 ug/ml
8) T n-Octadecane (C18)	11.613	58172	0.415 ug/ml
10) T n-Eicosane (C20)	12.923	52131	0.382 ug/ml
11) T n-Heneicosane (C21)	13.535	45183	0.331 ug/ml
13) T n-Docosane (C22)	14.121	67119	0.496 ug/ml
14) T n-Tetracosane (C24)	15.224	61883	0.461 ug/ml
15) T n-Hexacosane (C26)	16.245	55137	0.423 ug/ml
16) T n-Octacosane (C28)	17.220	51319	0.399 ug/ml
17) T n-Tricontane (C30)	18.083	115478	0.897 ug/ml
18) T n-Dotriacontane (C32)	18.916	133720	1.033 ug/ml
19) T n-Tetratriacontane (C34)	19.731	113371	0.899 ug/ml
20) T n-Hexatriacontane (C36)	20.444	90610	0.749 ug/ml
21) T n-Octatriacontane (C38)	21.179	189441	1.534 ug/ml
22) T n-Tetracontane (C40)	22.091	223021	1.776 ug/ml

(f)=RT Delta > 1/2 Window

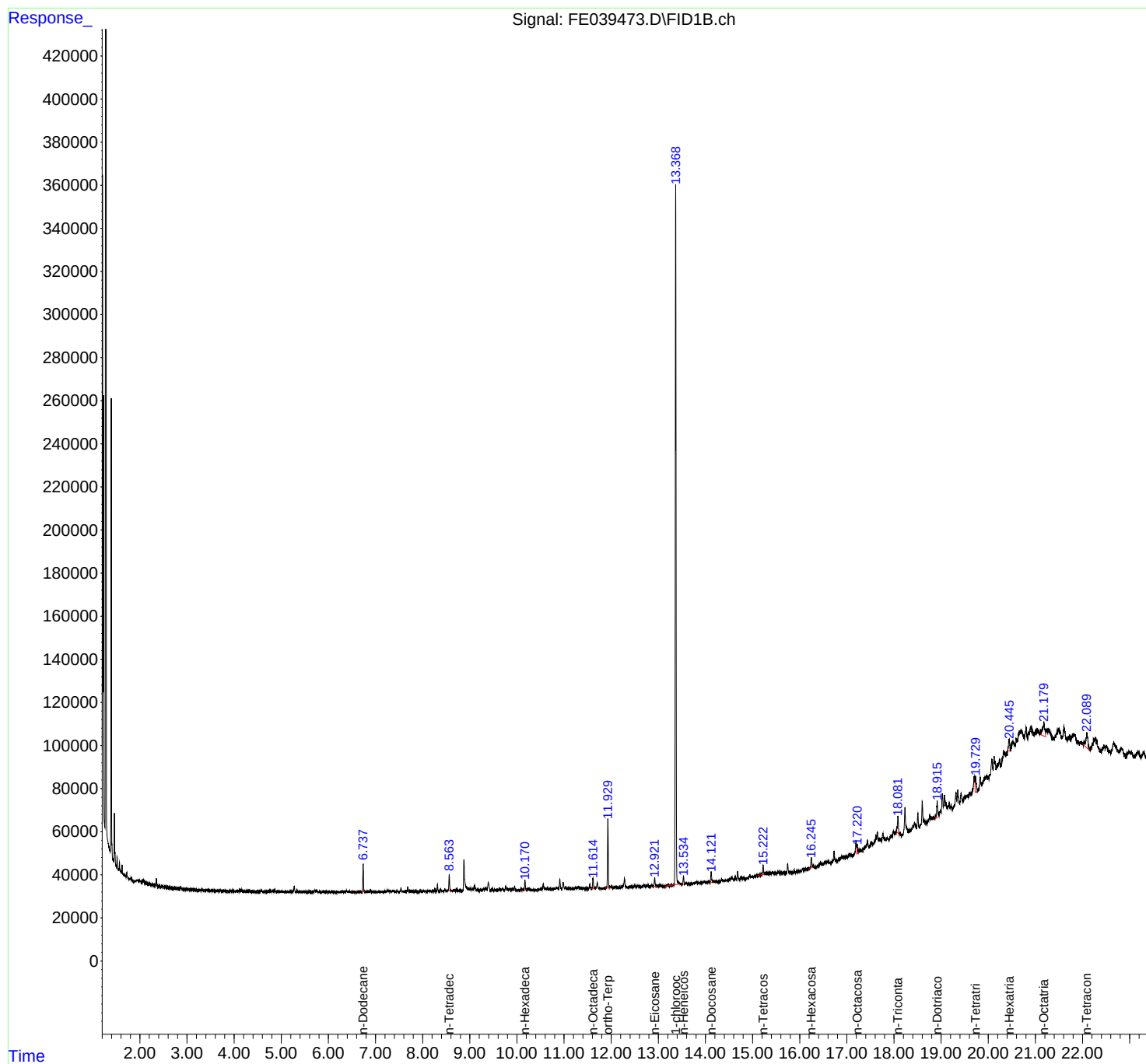
(m)=manual int.

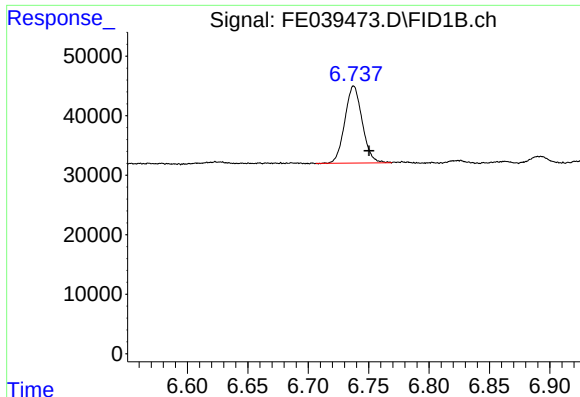
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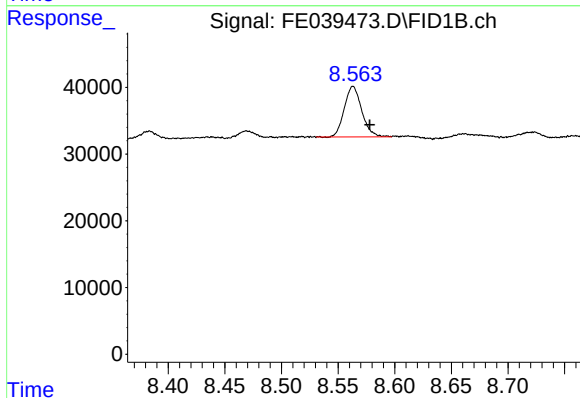




#4 n-Dodecane (C12)

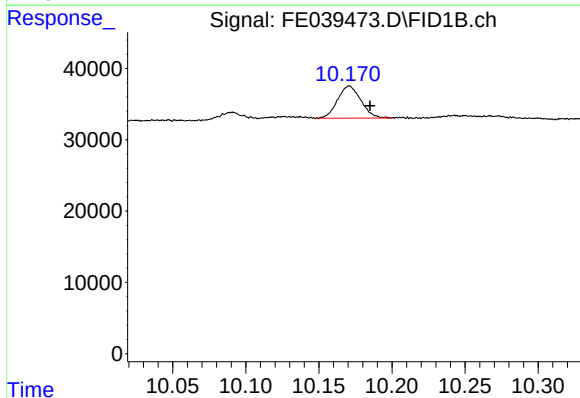
R.T.: 6.738 min
Delta R.T.: -0.013 min
Response: 129938
Conc: 1.00 ug/ml

Instrument :
FID_E
ClientSampleId :



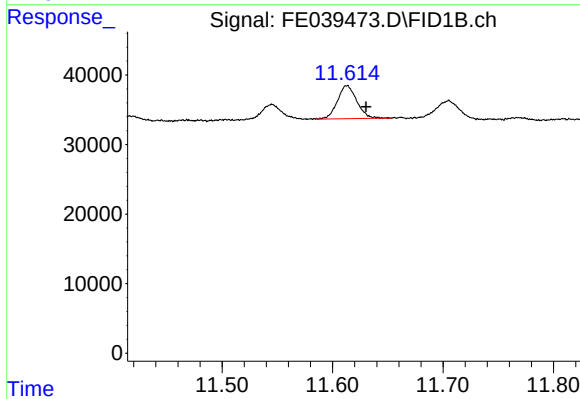
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.015 min
Response: 81012
Conc: 0.61 ug/ml



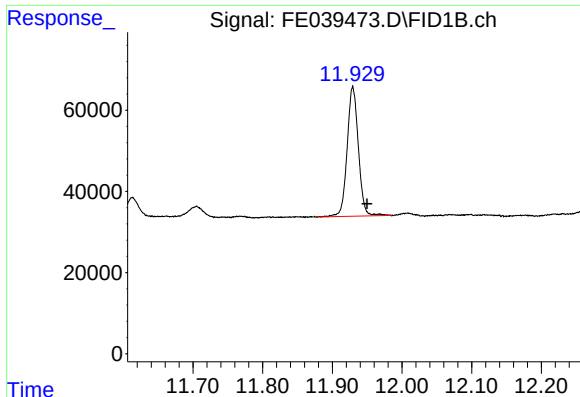
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.014 min
Response: 50052
Conc: 0.36 ug/ml



#8 n-Octadecane (C18)

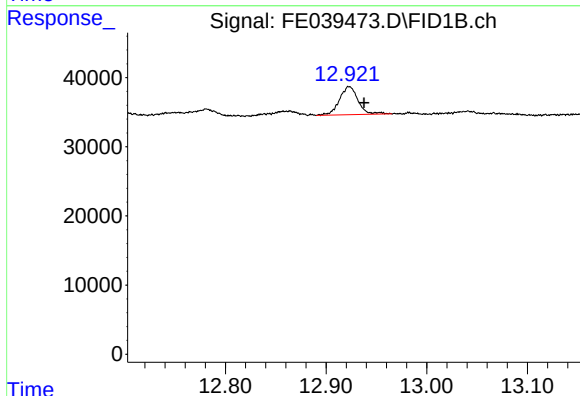
R.T.: 11.613 min
Delta R.T.: -0.017 min
Response: 58172
Conc: 0.42 ug/ml



#9 ortho-Terphenyl (SURR)

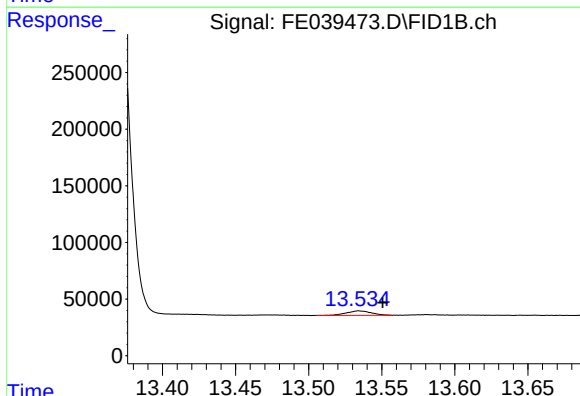
R.T.: 11.930 min
Delta R.T.: -0.020 min
Response: 358086
Conc: 2.40 ug/ml

Instrument :
FID_E
ClientSampleId :



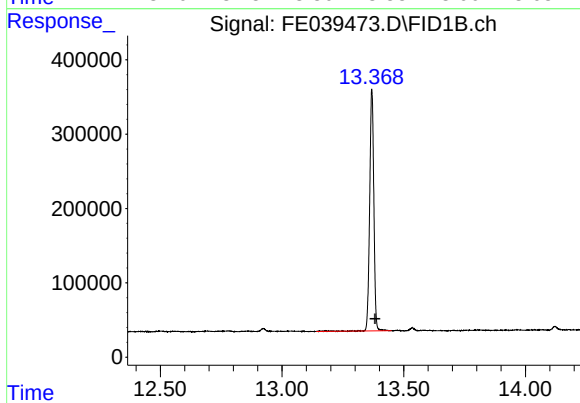
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.015 min
Response: 52131
Conc: 0.38 ug/ml



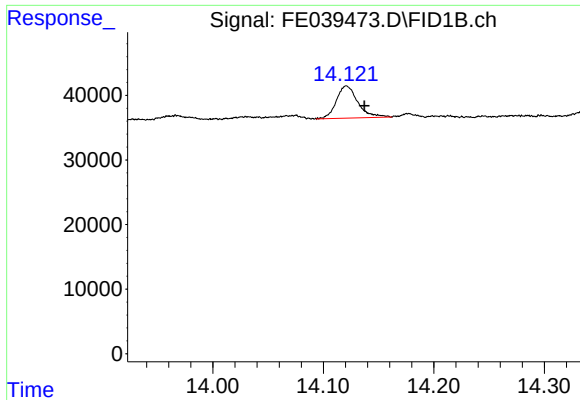
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.016 min
Response: 45183
Conc: 0.33 ug/ml



#12 1-chlorooctadecane (SURR)

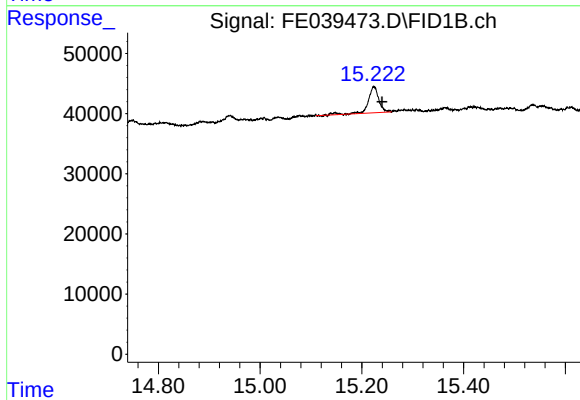
R.T.: 13.369 min
Delta R.T.: -0.014 min
Response: 3856346
Conc: 33.50 ug/ml



#13 n-Docosane (C22)

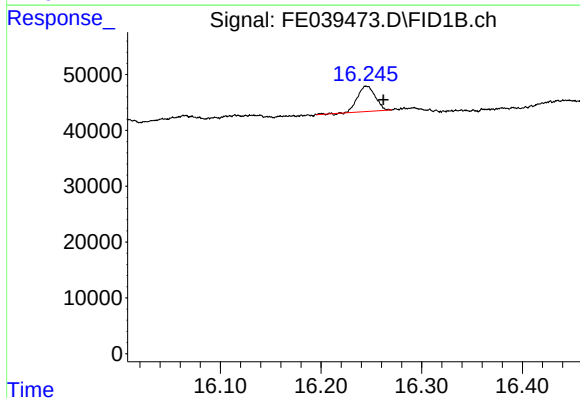
R.T.: 14.121 min
Delta R.T.: -0.016 min
Response: 67119
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



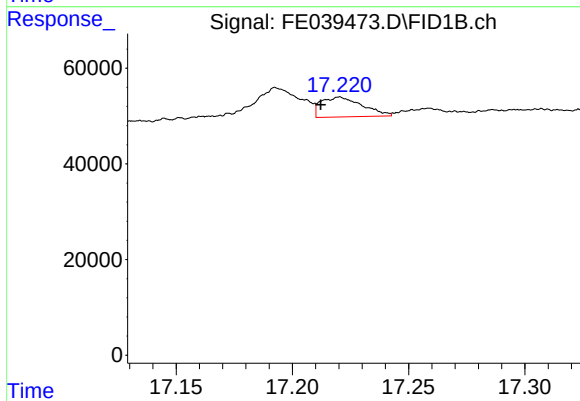
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.016 min
Response: 61883
Conc: 0.46 ug/ml



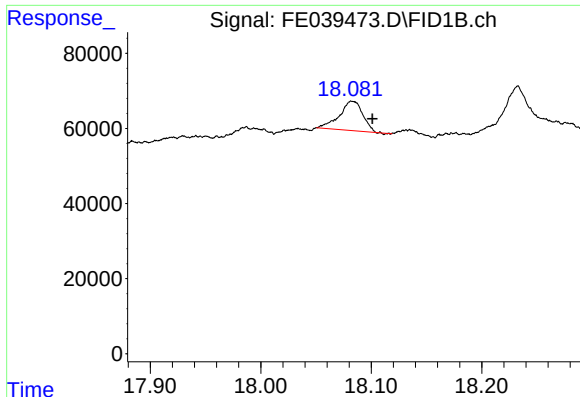
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.017 min
Response: 55137
Conc: 0.42 ug/ml



#16 n-Octacosane (C28)

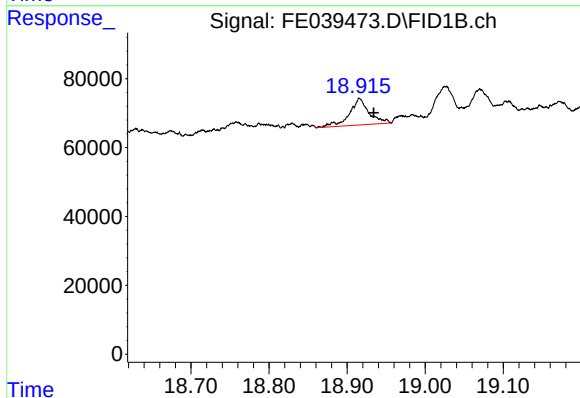
R.T.: 17.220 min
Delta R.T.: 0.008 min
Response: 51319
Conc: 0.40 ug/ml



#17 n-Tricontane (C30)

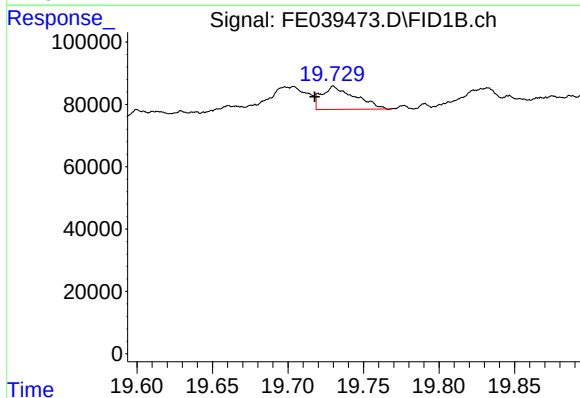
R.T.: 18.083 min
Delta R.T.: -0.018 min
Response: 115478
Conc: 0.90 ug/ml

Instrument :
FID_E
ClientSampleId :



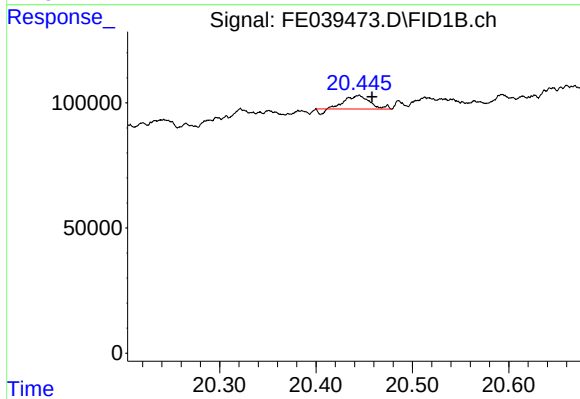
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.018 min
Response: 133720
Conc: 1.03 ug/ml



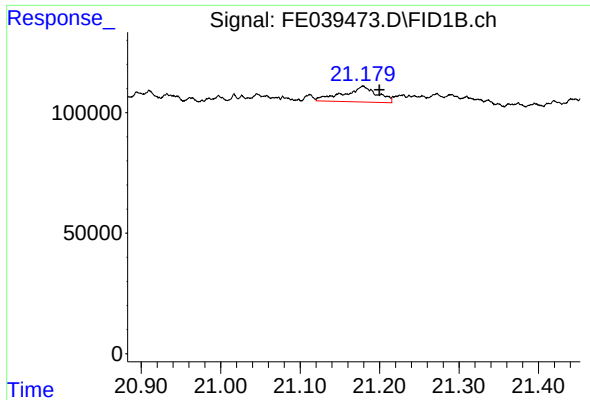
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: 0.013 min
Response: 113371
Conc: 0.90 ug/ml



#20 n-Hexatriacontane (C36)

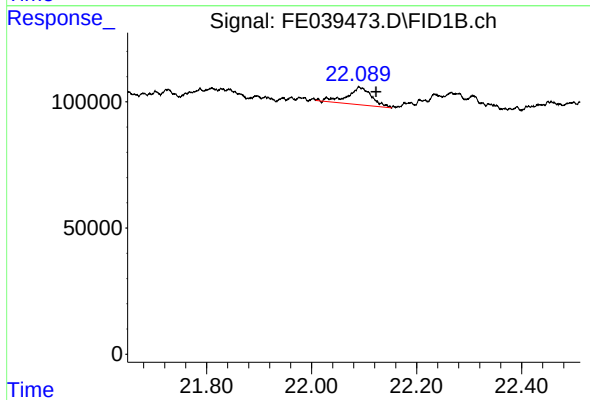
R.T.: 20.444 min
Delta R.T.: -0.014 min
Response: 90610
Conc: 0.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.021 min
Response: 189441
Conc: 1.53 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.031 min
Response: 223021
Conc: 1.78 ug/ml