

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072425AL\
 Data File : FE055015.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jul 2025 11:53
 Operator : YP\AJ
 Sample : Q2676-04DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 25 02:21:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.087	486436	2.995 ug/ml
Spiked Amount 50.000		Recovery =	5.99%
12) S 1-chlorooctadecane (S...	13.523	474086	3.754 ug/ml
Spiked Amount 50.000		Recovery =	7.51%
Target Compounds			
4) T n-Dodecane (C12)	6.859	22785	0.166 ug/ml
6) T n-Tetradecane (C14)	8.696	49006	0.354 ug/ml
7) T n-Hexadecane (C16)	10.312	42197	0.296 ug/ml
8) T n-Octadecane (C18)	11.760	50152	0.342 ug/ml
10) T n-Eicosane (C20)	13.075	53555	0.372 ug/ml
11) T n-Heneicosane (C21)	13.690	16291	0.114 ug/ml
13) T n-Docosane (C22)	14.278	37415	0.262 ug/ml
14) T n-Tetracosane (C24)	15.379	165529	1.139 ug/ml
15) T n-Hexacosane (C26)	16.408	22094	0.153 ug/ml
16) T n-Octacosane (C28)	17.361	57813	0.397 ug/ml
17) T n-Tricontane (C30)	18.251	163466	1.037 ug/ml
18) T n-Dotriacontane (C32)	19.086	118283	0.731 ug/ml
19) T n-Tetratriacontane (C34)	19.873	117922	0.774 ug/ml
20) T n-Hexatriacontane (C36)	20.614	52065	0.387 ug/ml
21) T n-Octatriacontane (C38)	21.389	409797	3.494 ug/ml
22) T n-Tetracontane (C40)	22.380	184340	1.701 ug/ml

(f)=RT Delta > 1/2 Window

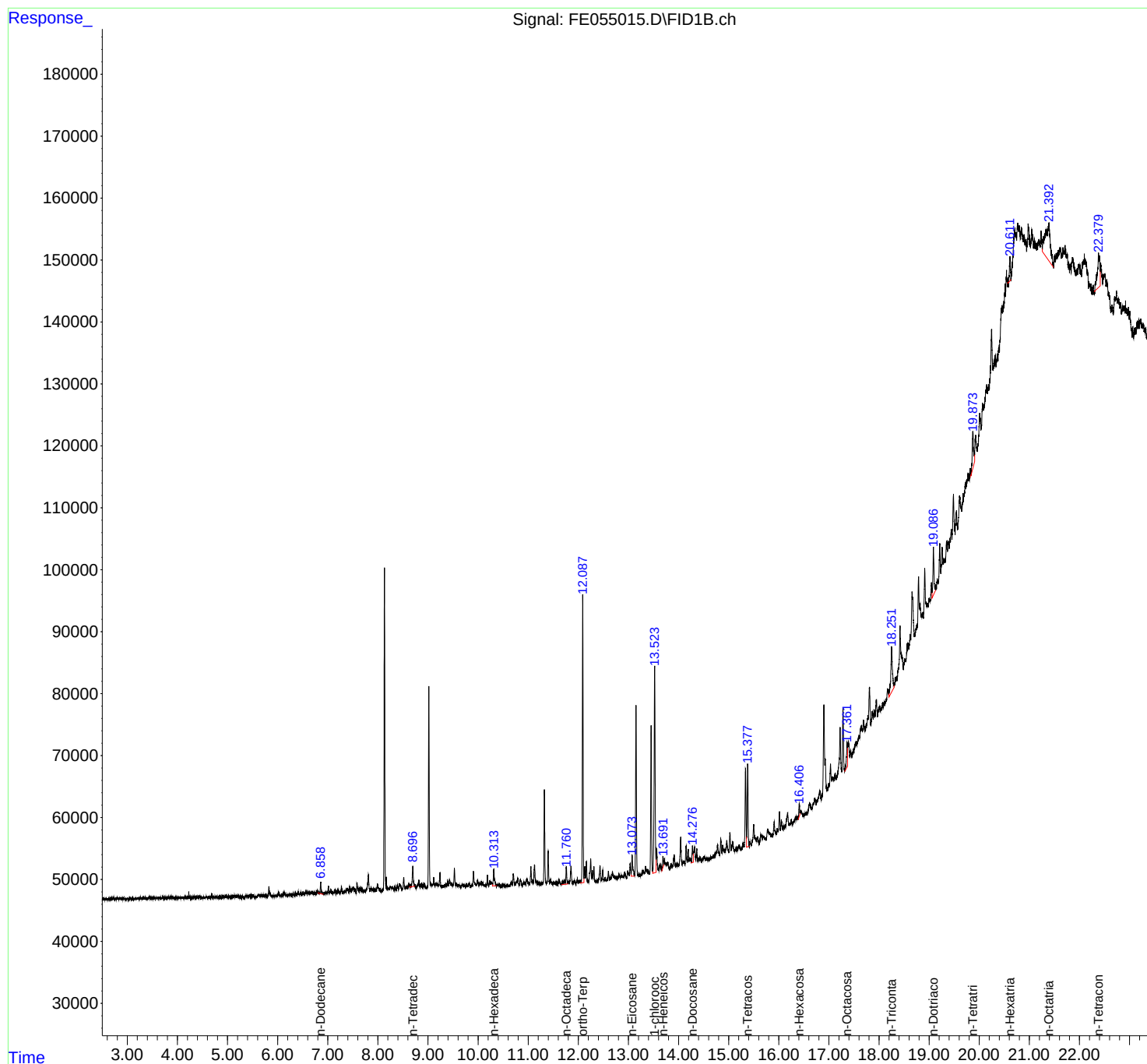
(m)=manual int.

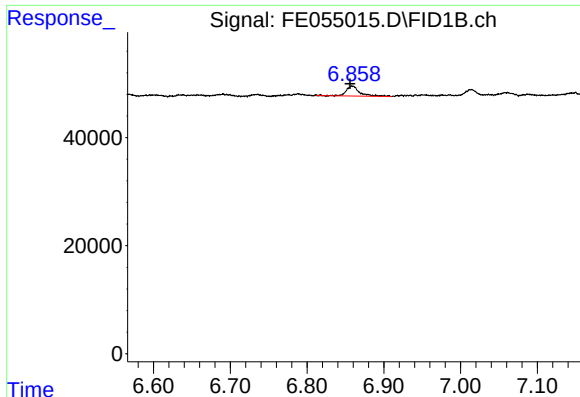
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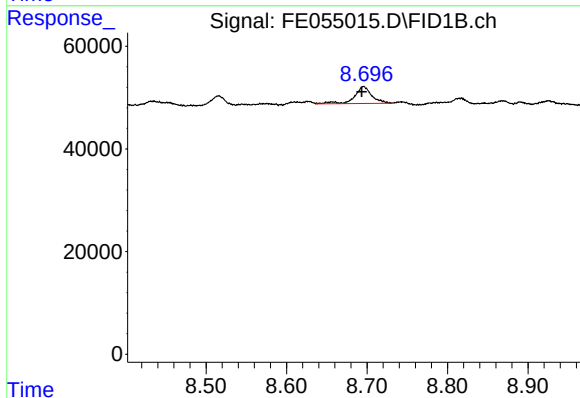




#4 n-Dodecane (C12)

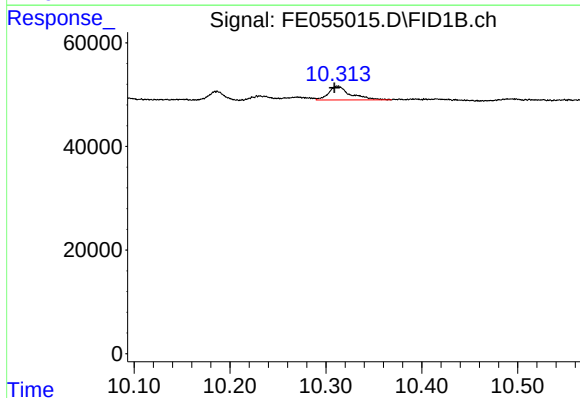
R.T.: 6.859 min
Delta R.T.: 0.003 min
Response: 22785
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :



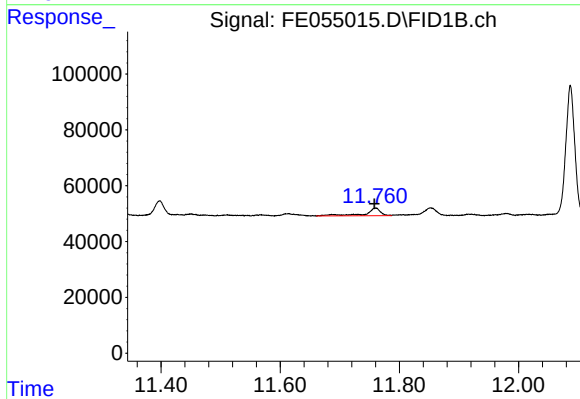
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.003 min
Response: 49006
Conc: 0.35 ug/ml



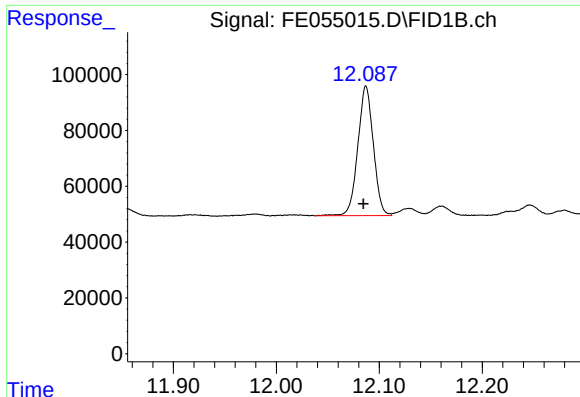
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 42197
Conc: 0.30 ug/ml



#8 n-Octadecane (C18)

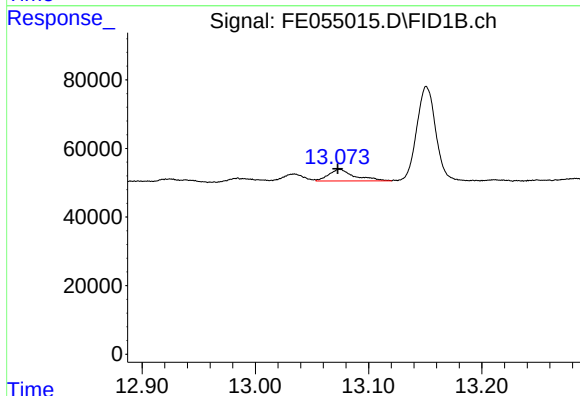
R.T.: 11.760 min
Delta R.T.: 0.002 min
Response: 50152
Conc: 0.34 ug/ml



#9 ortho-Terphenyl (SURR)

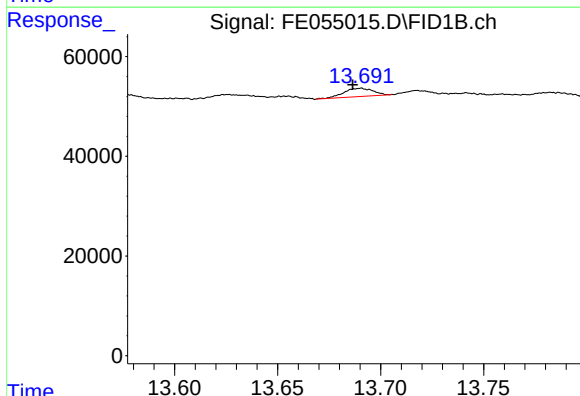
R.T.: 12.087 min
Delta R.T.: 0.003 min
Response: 486436
Conc: 3.00 ug/ml

Instrument :
FID_E
ClientSampleId :



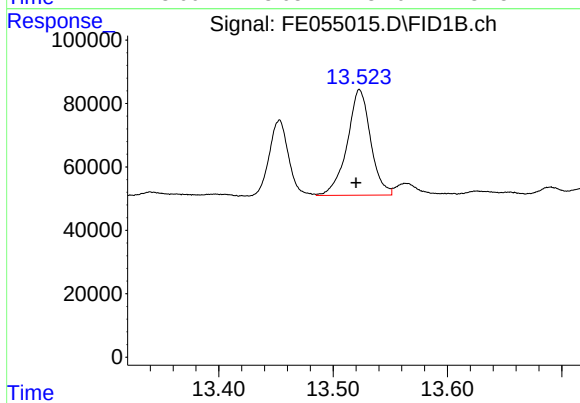
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 53555
Conc: 0.37 ug/ml



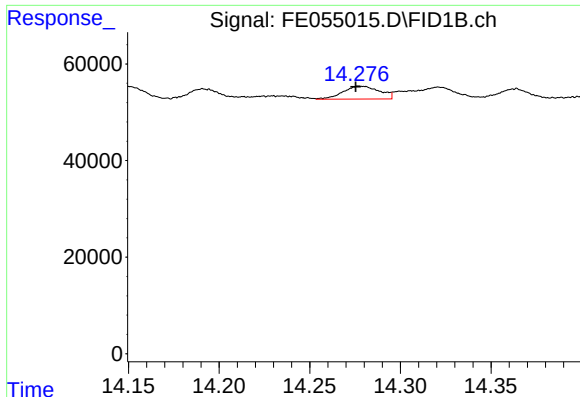
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.004 min
Response: 16291
Conc: 0.11 ug/ml



#12 1-chlorooctadecane (SURR)

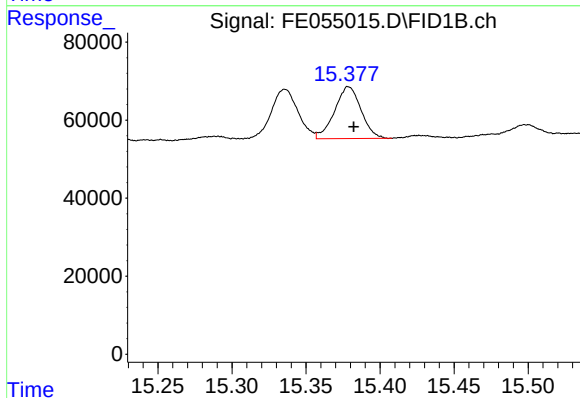
R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 474086
Conc: 3.75 ug/ml



#13 n-Docosane (C22)

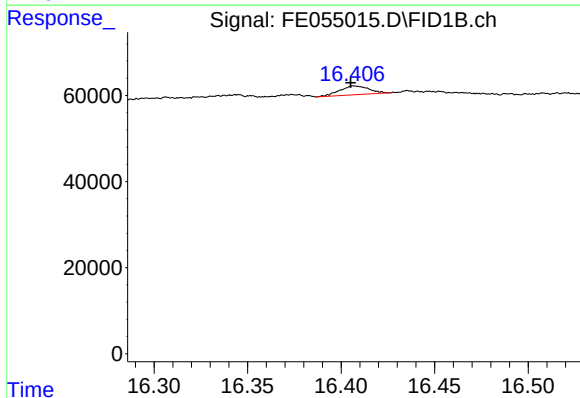
R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 37415
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :



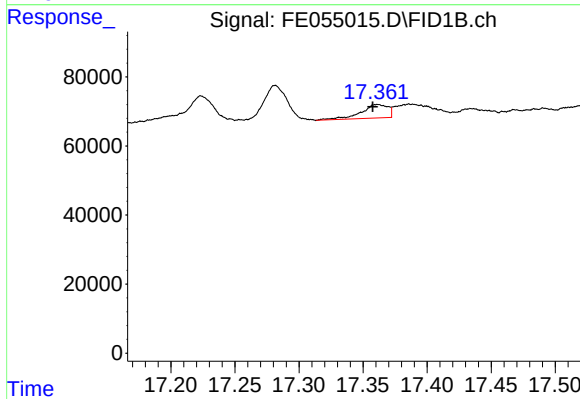
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.004 min
Response: 165529
Conc: 1.14 ug/ml



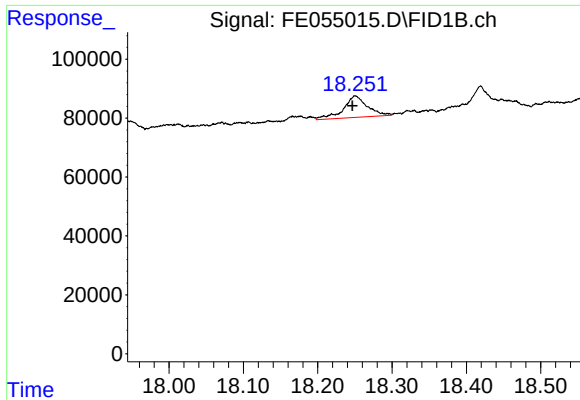
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 22094
Conc: 0.15 ug/ml



#16 n-Octacosane (C28)

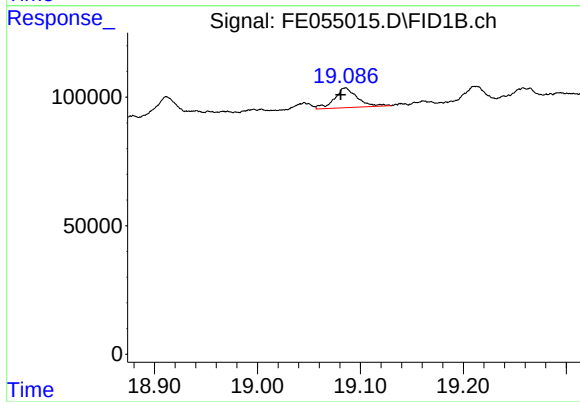
R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 57813
Conc: 0.40 ug/ml



#17 n-Tricontane (C30)

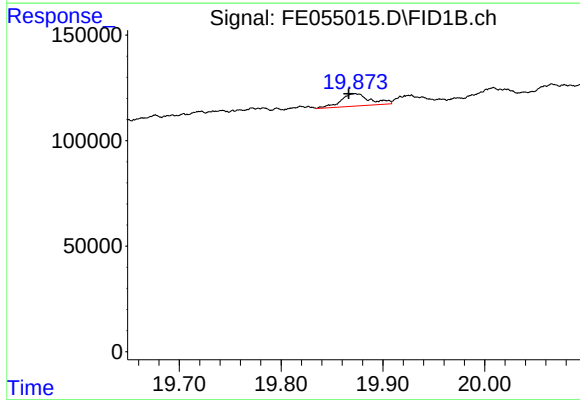
R.T.: 18.251 min
Delta R.T.: 0.004 min
Response: 163466
Conc: 1.04 ug/ml

Instrument :
FID_E
ClientSampleId :



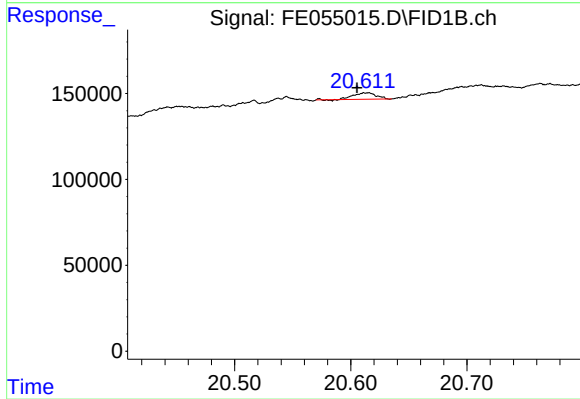
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.005 min
Response: 118283
Conc: 0.73 ug/ml



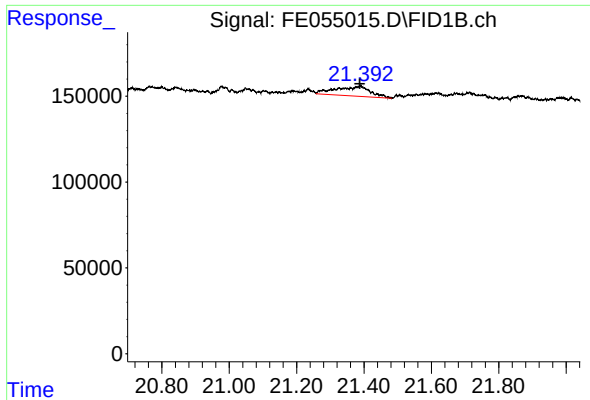
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.007 min
Response: 117922
Conc: 0.77 ug/ml



#20 n-Hexatriacontane (C36)

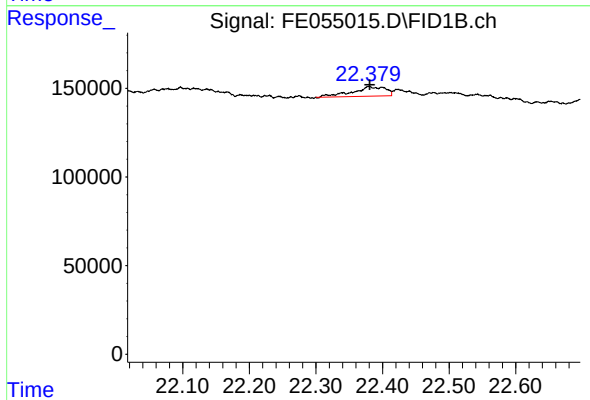
R.T.: 20.614 min
Delta R.T.: 0.008 min
Response: 52065
Conc: 0.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.002 min
Response: 409797
Conc: 3.49 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: -0.001 min
Response: 184340
Conc: 1.70 ug/ml