

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
 Data File : FE041922.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2023 17:44
 Operator : YP\AJ
 Sample : 02770-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 16 01:12:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.985	36908887	196.734 ug/ml
Spiked Amount 50.000		Recovery =	393.47%
12) S 1-chlorooctadecane (S...	13.423	24609589	174.203 ug/ml
Spiked Amount 50.000		Recovery =	348.41%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.309	94185	0.569 ug/ml
5) T A~2-methylnaphthalene...	7.406	170983	1.060 ug/ml
6) T n-Tetradecane (C14)	8.614	587827	3.870 ug/ml
7) T n-Hexadecane (C16)	10.226	6611459	41.429 ug/ml
8) T n-Octadecane (C18)	11.677	7117629	43.423 ug/ml
10) T n-Eicosane (C20)	12.979	9527941	59.237 ug/ml
11) T n-Heneicosane (C21)	13.520f	15399592	96.628 ug/ml
13) T n-Docosane (C22)	14.164	2845747	17.861 ug/ml
14) T n-Tetracosane (C24)	15.252	2051523	12.725 ug/ml
15) T n-Hexacosane (C26)	16.298	153978	0.974 ug/ml
16) T n-Octacosane (C28)	17.245	460364	2.992 ug/ml
17) T n-Tricontane (C30)	18.126	112198	0.737 ug/ml
18) T n-Dotriacontane (C32)	18.954	144622	0.971 ug/ml
19) T n-Tetratriacontane (C34)	19.719	34817	0.247 ug/ml
20) T n-Hexatriacontane (C36)	20.482	44529	0.333 ug/ml
22) T n-Tetracontane (C40)	22.157	239023	1.888 ug/ml

(f)=RT Delta > 1/2 Window

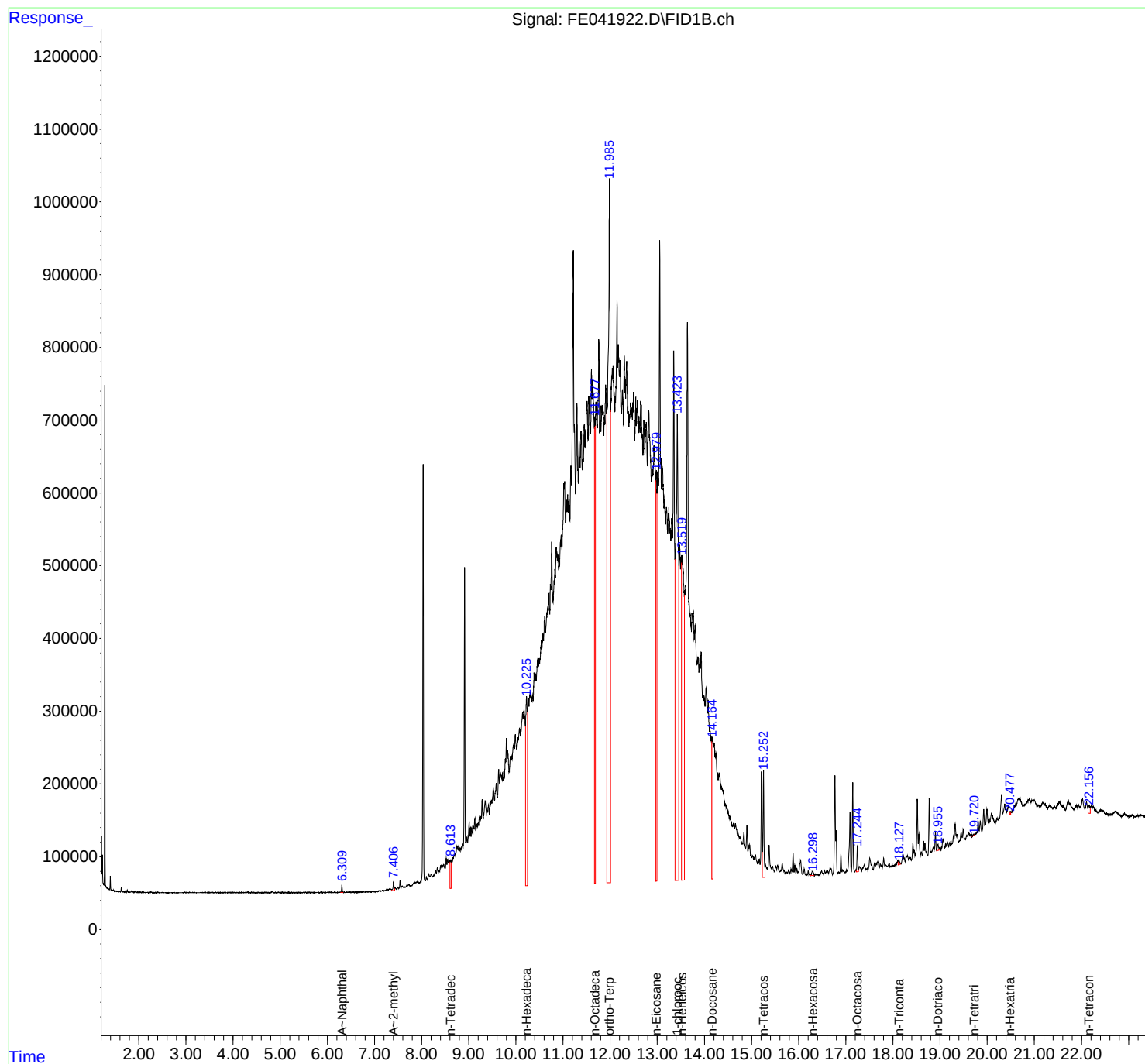
(m)=manual int.

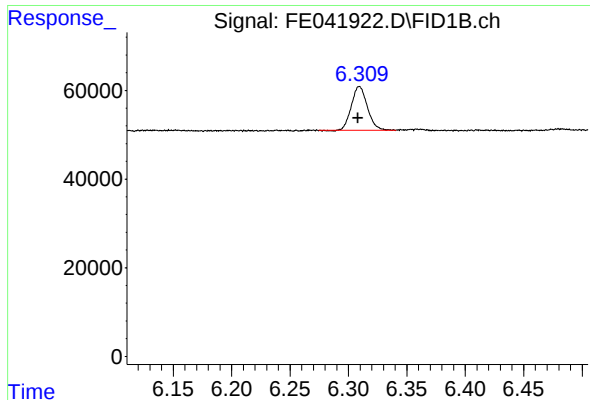
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
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Signal Info : 20M x 0.18mm x 0.18um

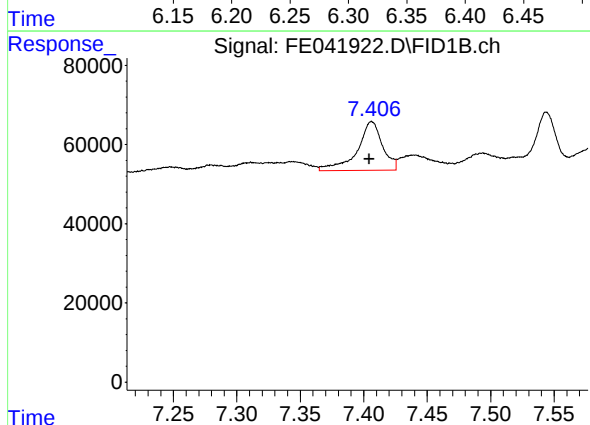




#3 A~Naphthalene (C11.7)

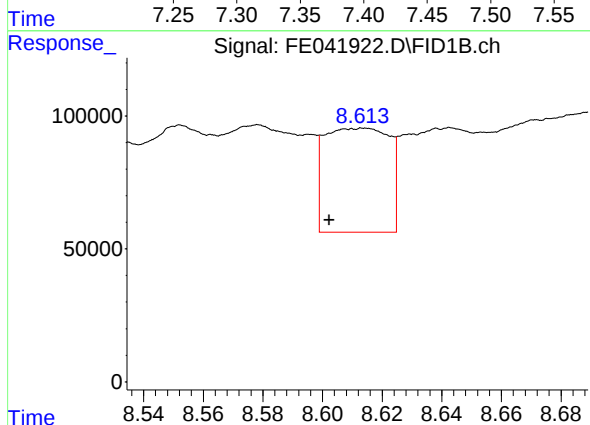
R.T.: 6.309 min
Delta R.T.: 0.001 min
Response: 94185
Conc: 0.57 ug/ml

Instrument :
FID_E
ClientSampleId :



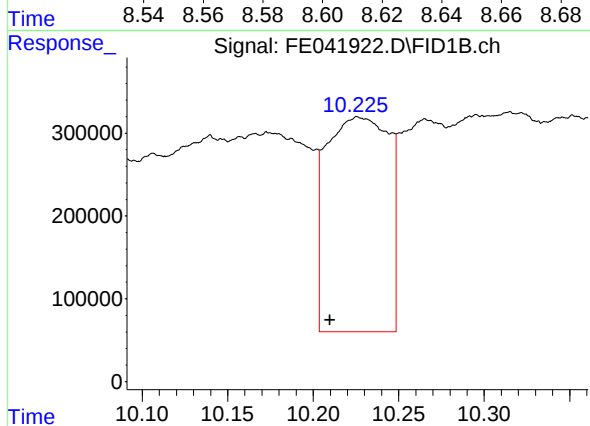
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.002 min
Response: 170983
Conc: 1.06 ug/ml



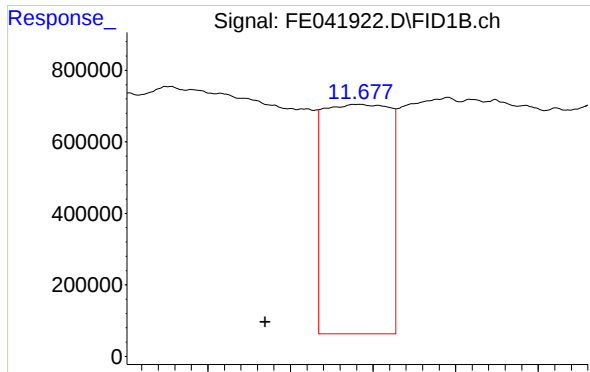
#6 n-Tetradecane (C14)

R.T.: 8.614 min
Delta R.T.: 0.012 min
Response: 587827
Conc: 3.87 ug/ml



#7 n-Hexadecane (C16)

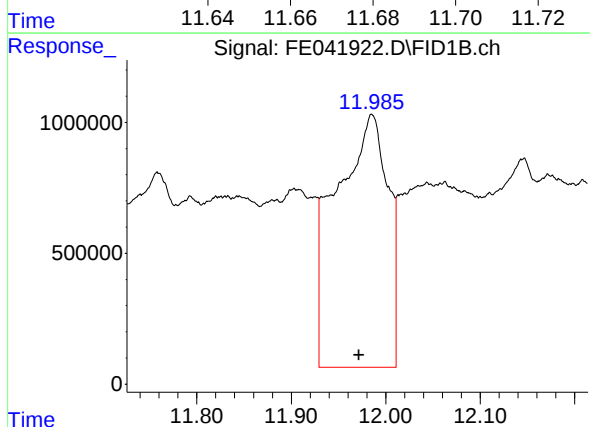
R.T.: 10.226 min
Delta R.T.: 0.016 min
Response: 6611459
Conc: 41.43 ug/ml



#8 n-Octadecane (C18)

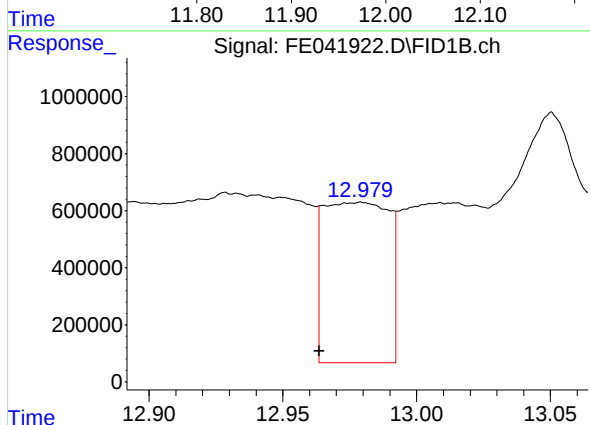
R.T.: 11.677 min
Delta R.T.: 0.023 min
Response: 7117629
Conc: 43.42 ug/ml

Instrument :
FID_E
ClientSampleId :



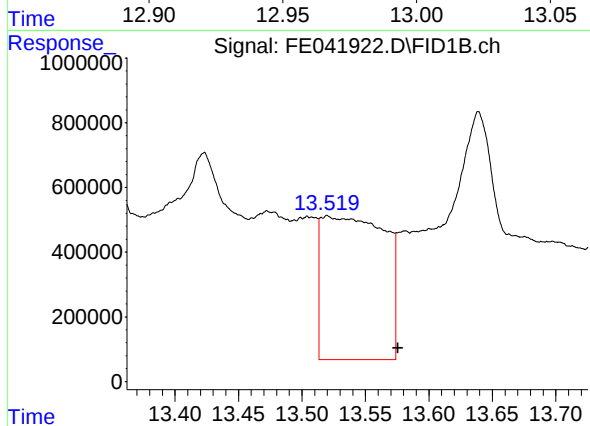
#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.014 min
Response: 36908887
Conc: 196.73 ug/ml



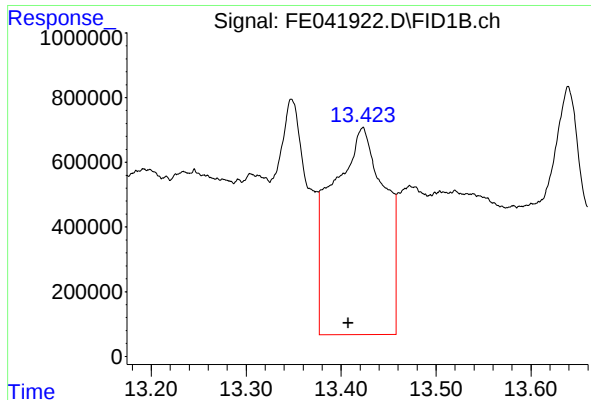
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.016 min
Response: 9527941
Conc: 59.24 ug/ml



#11 n-Heneicosane (C21)

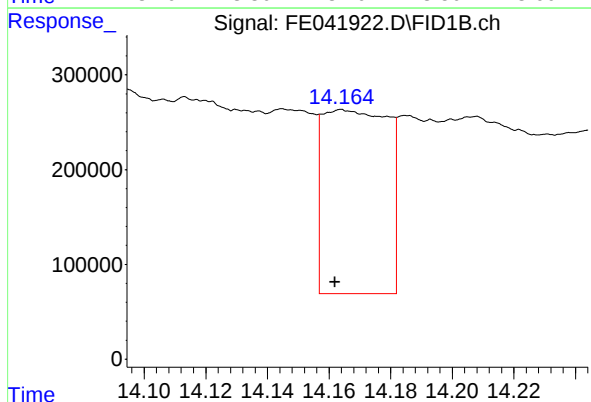
R.T.: 13.520 min
Delta R.T.: -0.056 min
Response: 15399592
Conc: 96.63 ug/ml



#12 1-chlorooctadecane (SURR)

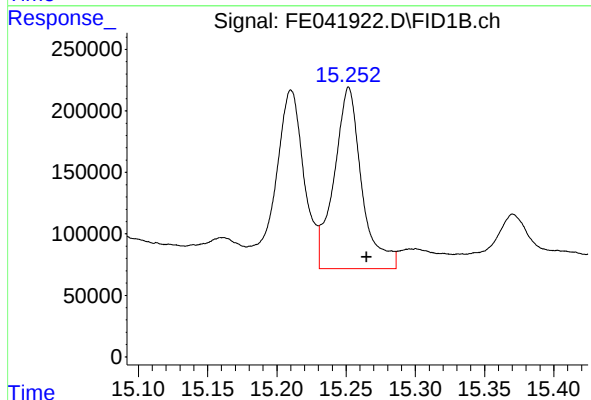
R.T.: 13.423 min
Delta R.T.: 0.015 min
Response: 24609589
Conc: 174.20 ug/ml

Instrument :
FID_E
ClientSampleId :



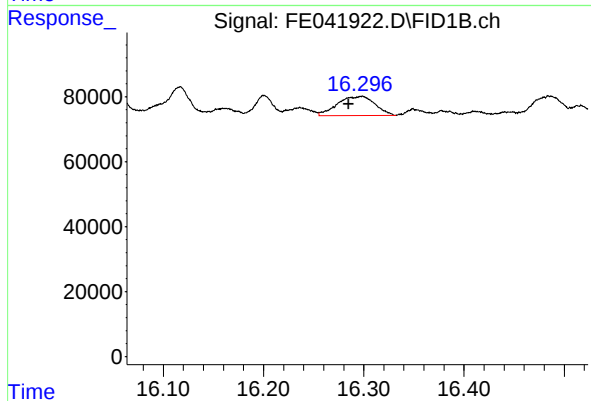
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: 0.002 min
Response: 2845747
Conc: 17.86 ug/ml



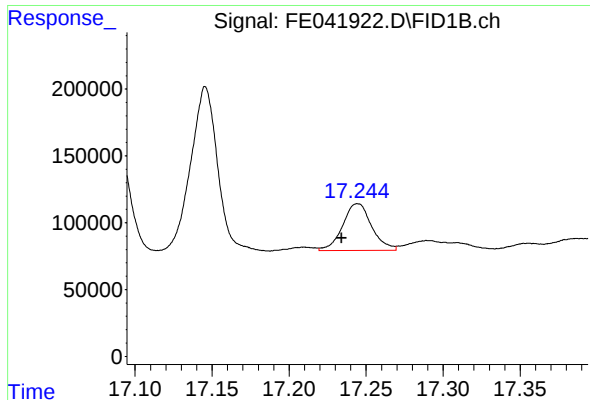
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.013 min
Response: 2051523
Conc: 12.72 ug/ml



#15 n-Hexacosane (C26)

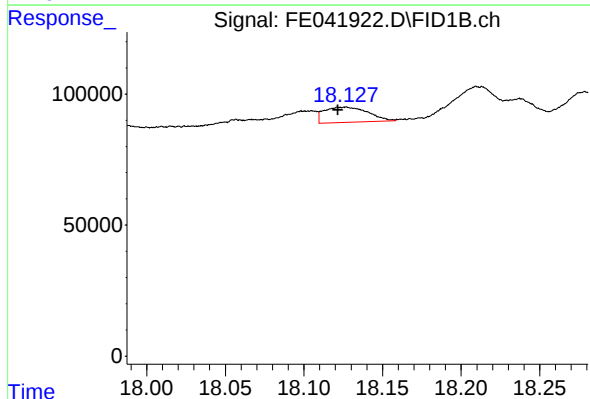
R.T.: 16.298 min
Delta R.T.: 0.013 min
Response: 153978
Conc: 0.97 ug/ml



#16 n-Octacosane (C28)

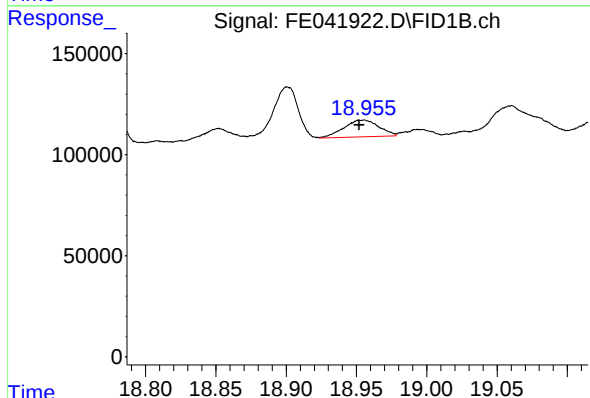
R.T.: 17.245 min
Delta R.T.: 0.011 min
Response: 460364
Conc: 2.99 ug/ml

Instrument :
FID_E
ClientSampleId :



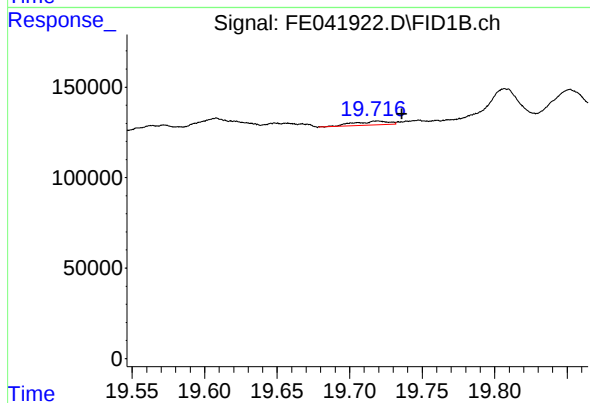
#17 n-Tricontane (C30)

R.T.: 18.126 min
Delta R.T.: 0.005 min
Response: 112198
Conc: 0.74 ug/ml



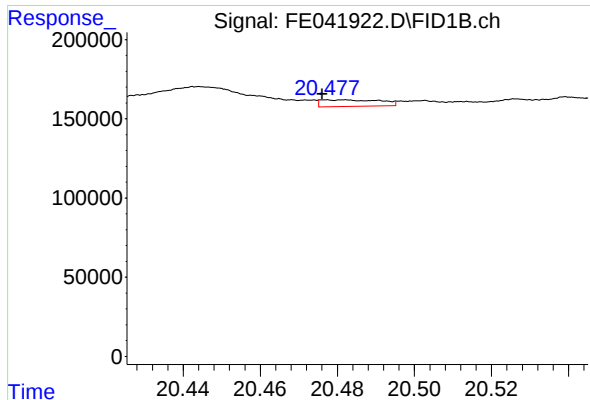
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.002 min
Response: 144622
Conc: 0.97 ug/ml



#19 n-Tetratriacontane (C34)

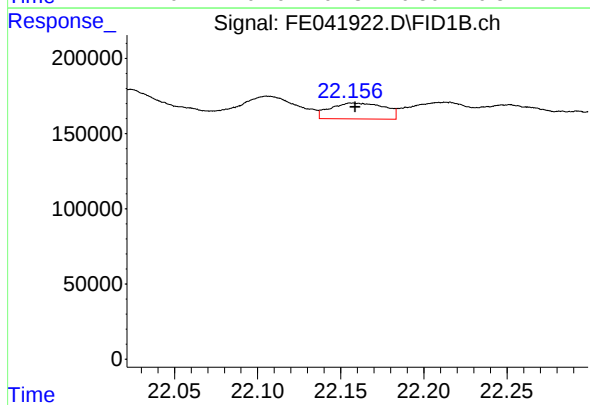
R.T.: 19.719 min
Delta R.T.: -0.017 min
Response: 34817
Conc: 0.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: 0.006 min
Response: 44529
Conc: 0.33 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: -0.002 min
Response: 239023
Conc: 1.89 ug/ml