

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
 Data File : FE048336.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2024 20:24
 Operator : YP\AJ
 Sample : P2555-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 01:38:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.960	913733	6.334 ug/ml
Spiked Amount 50.000		Recovery =	12.67%
12) S 1-chlorooctadecane (S...	13.381	3827616	34.254 ug/ml
Spiked Amount 50.000		Recovery =	68.51%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.340	44747	0.324 ug/ml
4) T n-Dodecane (C12)	6.759	176269	1.322 ug/ml
5) T A~2-methylnaphthalene...	7.403	232755	1.749 ug/ml
6) T n-Tetradecane (C14)	8.588	512267	3.866 ug/ml
7) T n-Hexadecane (C16)	10.196	609480	4.432 ug/ml
8) T n-Octadecane (C18)	11.639	556913	3.998 ug/ml
10) T n-Eicosane (C20)	12.948	428018	3.179 ug/ml
11) T n-Heneicosane (C21)	13.581	1472839	11.126 ug/ml
13) T n-Docosane (C22)	14.146	255277	1.926 ug/ml
14) T n-Tetracosane (C24)	15.245	253665	1.905 ug/ml
15) T n-Hexacosane (C26)	16.268	103817	0.778 ug/ml
16) T n-Octacosane (C28)	17.218	104371	0.784 ug/ml
17) T n-Tricontane (C30)	18.107	370814	2.687 ug/ml
18) T n-Dotriacontane (C32)	18.937	260440	1.886 ug/ml
19) T n-Tetratriacontane (C34)	19.725	519862	3.816 ug/ml
20) T n-Hexatriacontane (C36)	20.466	886435	6.547 ug/ml
22) T n-Tetracontane (C40)	22.120	523009	3.754 ug/ml

(f)=RT Delta > 1/2 Window

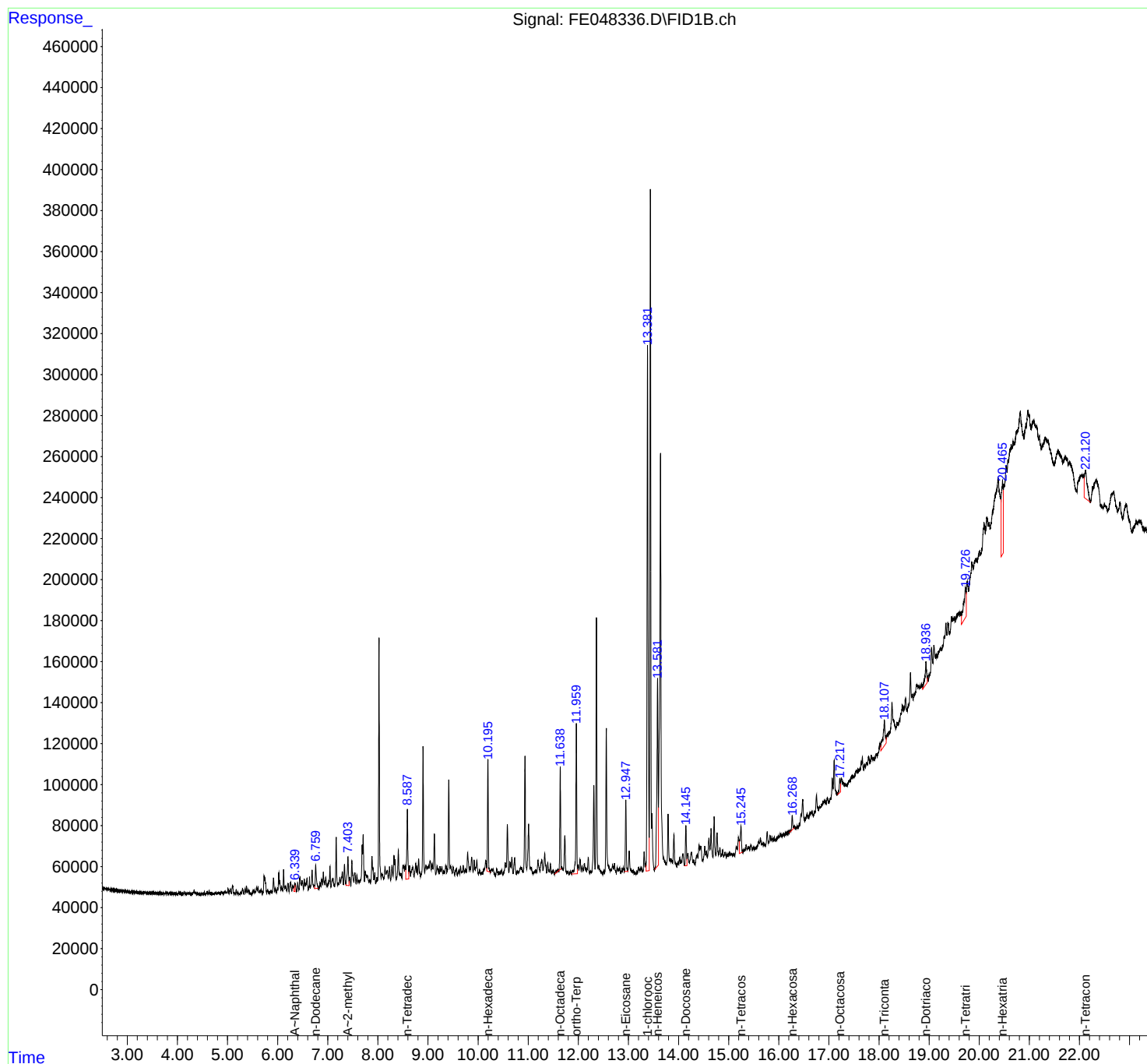
(m)=manual int.

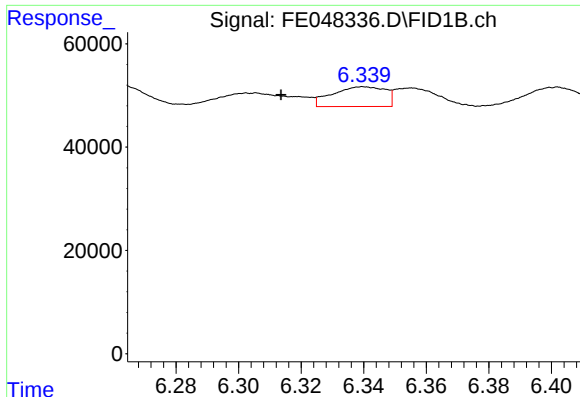
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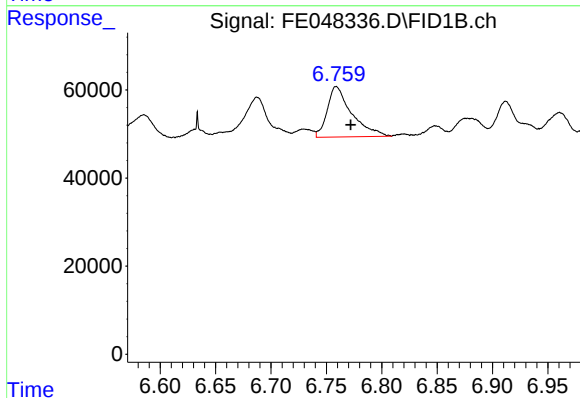




#3 A~Naphthalene (C11.7)

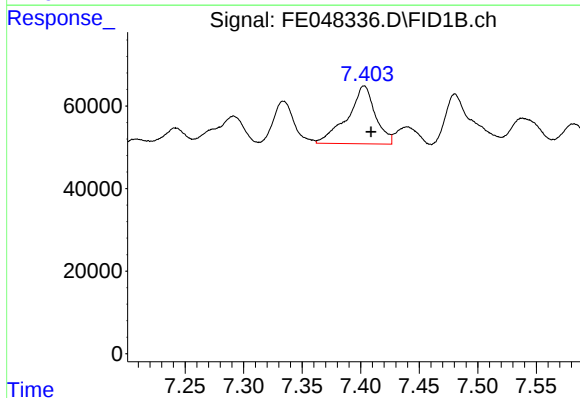
R.T.: 6.340 min
Delta R.T.: 0.026 min
Response: 44747
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :



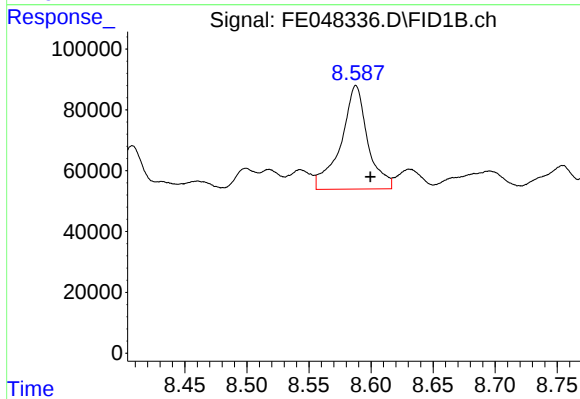
#4 n-Dodecane (C12)

R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 176269
Conc: 1.32 ug/ml



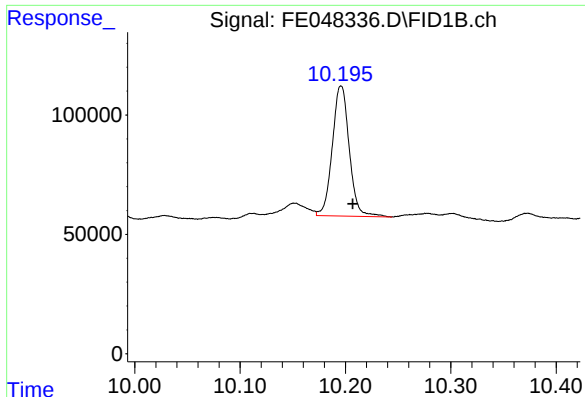
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: -0.006 min
Response: 232755
Conc: 1.75 ug/ml



#6 n-Tetradecane (C14)

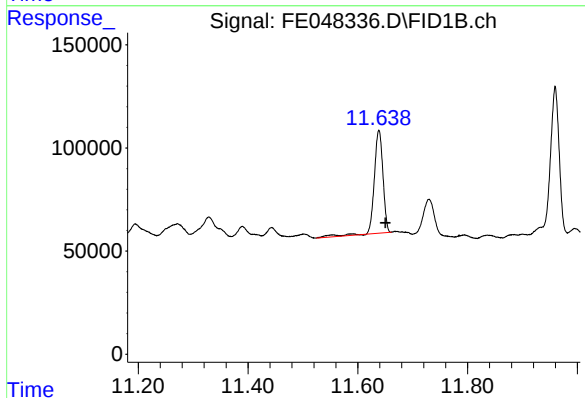
R.T.: 8.588 min
Delta R.T.: -0.012 min
Response: 512267
Conc: 3.87 ug/ml



#7 n-Hexadecane (C16)

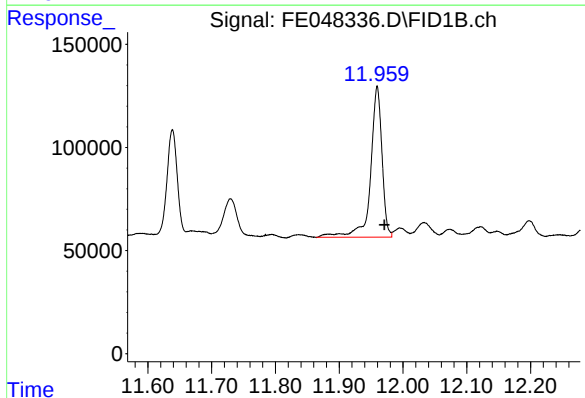
R.T.: 10.196 min
Delta R.T.: -0.011 min
Response: 609480
Conc: 4.43 ug/ml

Instrument :
FID_E
ClientSampleId :



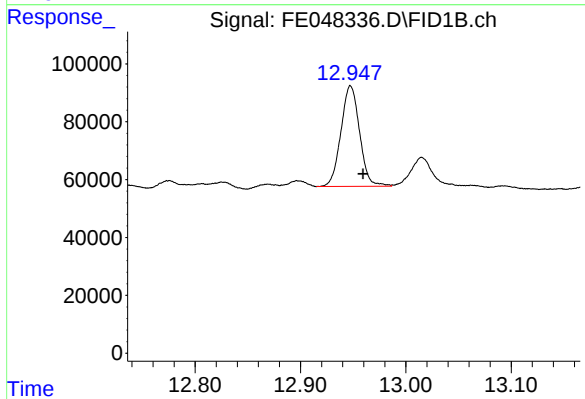
#8 n-Octadecane (C18)

R.T.: 11.639 min
Delta R.T.: -0.012 min
Response: 556913
Conc: 4.00 ug/ml



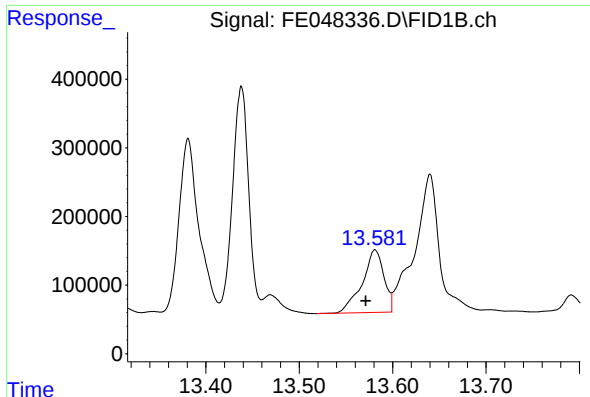
#9 ortho-Terphenyl (SURR)

R.T.: 11.960 min
Delta R.T.: -0.011 min
Response: 913733
Conc: 6.33 ug/ml



#10 n-Eicosane (C20)

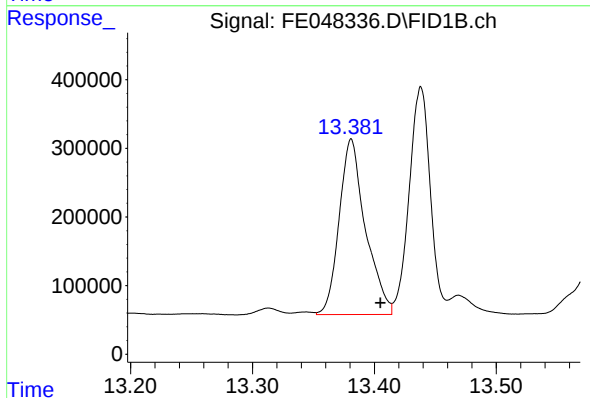
R.T.: 12.948 min
Delta R.T.: -0.012 min
Response: 428018
Conc: 3.18 ug/ml



#11 n-Heneicosane (C21)

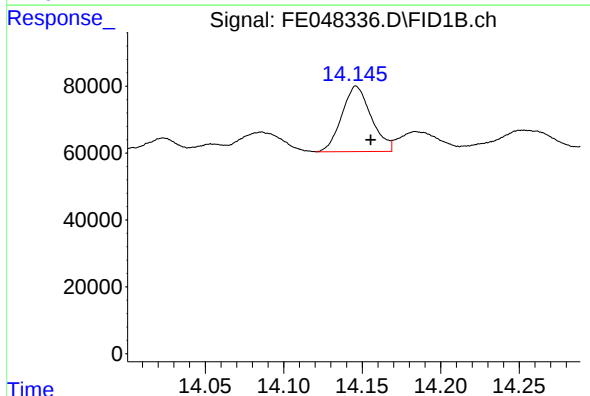
R.T.: 13.581 min
Delta R.T.: 0.010 min
Response: 1472839
Conc: 11.13 ug/ml

Instrument :
FID_E
ClientSampleId :



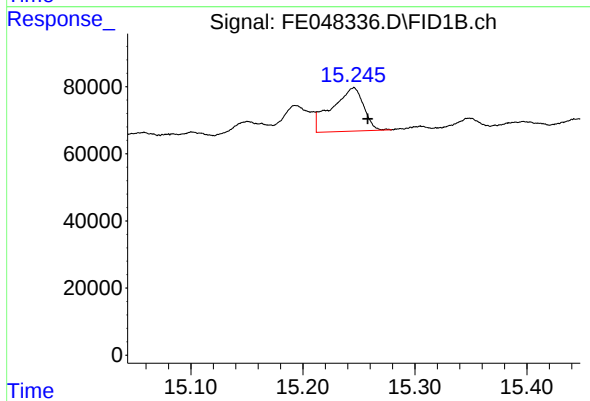
#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: -0.024 min
Response: 3827616
Conc: 34.25 ug/ml



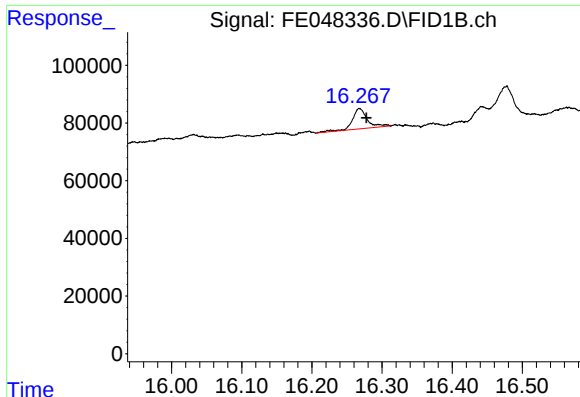
#13 n-Docosane (C22)

R.T.: 14.146 min
Delta R.T.: -0.009 min
Response: 255277
Conc: 1.93 ug/ml



#14 n-Tetracosane (C24)

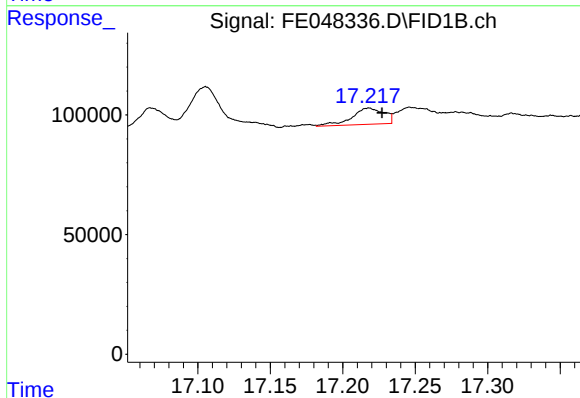
R.T.: 15.245 min
Delta R.T.: -0.013 min
Response: 253665
Conc: 1.91 ug/ml



#15 n-Hexacosane (C26)

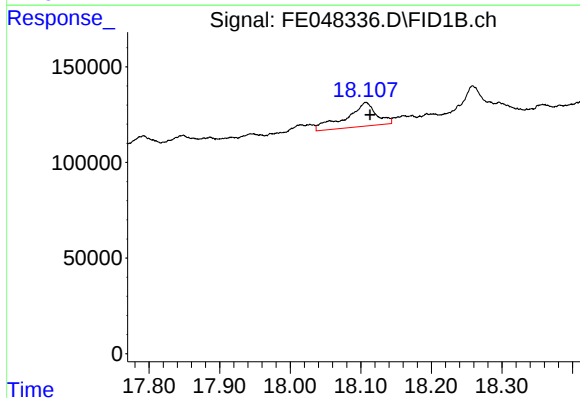
R.T.: 16.268 min
Delta R.T.: -0.010 min
Response: 103817
Conc: 0.78 ug/ml

Instrument :
FID_E
ClientSampleId :



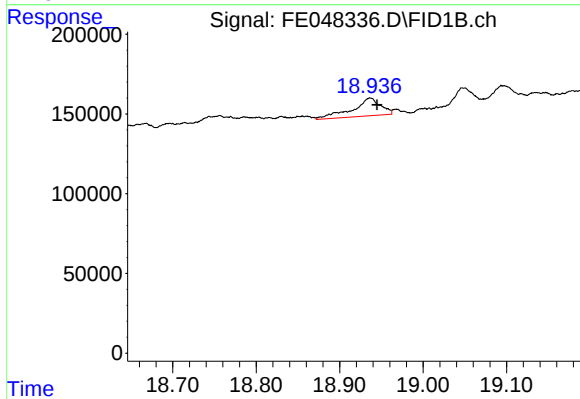
#16 n-Octacosane (C28)

R.T.: 17.218 min
Delta R.T.: -0.009 min
Response: 104371
Conc: 0.78 ug/ml



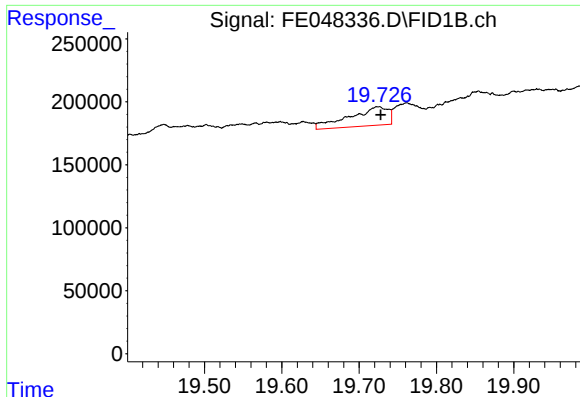
#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.006 min
Response: 370814
Conc: 2.69 ug/ml



#18 n-Dotriacontane (C32)

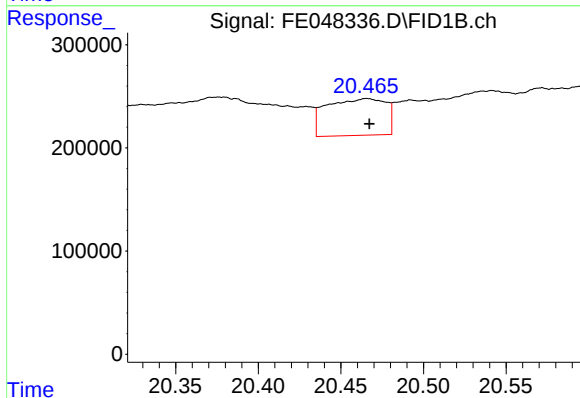
R.T.: 18.937 min
Delta R.T.: -0.008 min
Response: 260440
Conc: 1.89 ug/ml



#19 n-Tetratriacontane (C34)

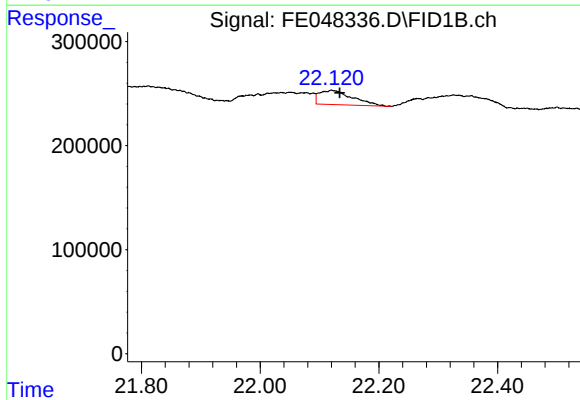
R.T.: 19.725 min
Delta R.T.: -0.003 min
Response: 519862
Conc: 3.82 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: -0.002 min
Response: 886435
Conc: 6.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.014 min
Response: 523009
Conc: 3.75 ug/ml