

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051623AL\
 Data File : FE041946.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2023 17:28
 Operator : YP\AJ
 Sample : 02802-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 17 01:15:53 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)	11.977	5146722	27.433 ug/ml
Spiked Amount 50.000		Recovery =	54.87%
12) S 1-chlorooctadecane (S...	13.413	4346703	30.769 ug/ml
Spiked Amount 50.000		Recovery =	61.54%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.311	48662	0.294 ug/ml
5) T A~2-methylnaphthalene...	7.408	30825	0.191 ug/ml
6) T n-Tetradecane (C14)	8.600	29930	0.197 ug/ml
7) T n-Hexadecane (C16)	10.211	67954	0.426 ug/ml
8) T n-Octadecane (C18)	11.654	85456	0.521 ug/ml
10) T n-Eicosane (C20)	12.972	106585	0.663 ug/ml
11) T n-Heneicosane (C21)	13.597	185287	1.163 ug/ml
13) T n-Docosane (C22)	14.196	360195	2.261 ug/ml
14) T n-Tetracosane (C24)	15.250	615506	3.818 ug/ml
15) T n-Hexacosane (C26)	16.299	165324	1.046 ug/ml
16) T n-Octacosane (C28)	17.261	369975	2.404 ug/ml
17) T n-Tricontane (C30)	18.137	404144	2.654 ug/ml
18) T n-Dotriacontane (C32)	18.941	127698	0.857 ug/ml
19) T n-Tetratriacontane (C34)	19.727	26710	0.190 ug/ml
20) T n-Hexatriacontane (C36)	20.483	174001	1.301 ug/ml
21) T n-Octatriacontane (C38)	21.223	139035	1.052 ug/ml
22) T n-Tetracontane (C40)	22.145	222426	1.757 ug/ml

(f)=RT Delta > 1/2 Window

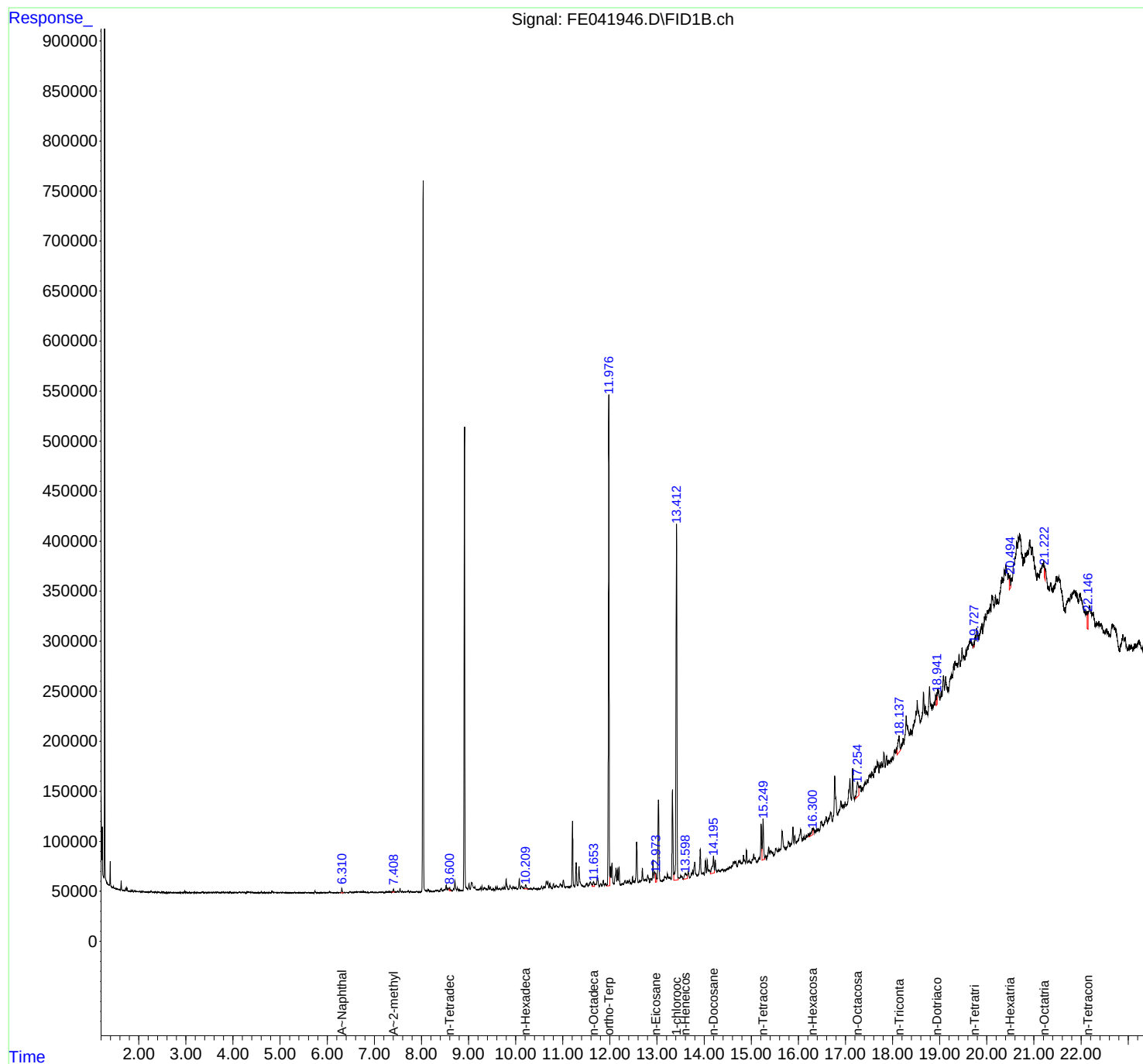
(m)=manual int.

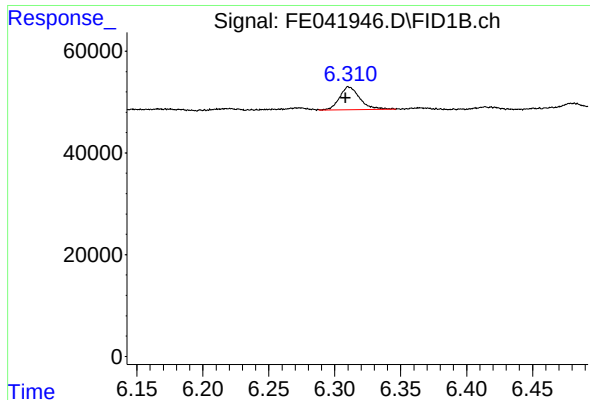
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051623AL\
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

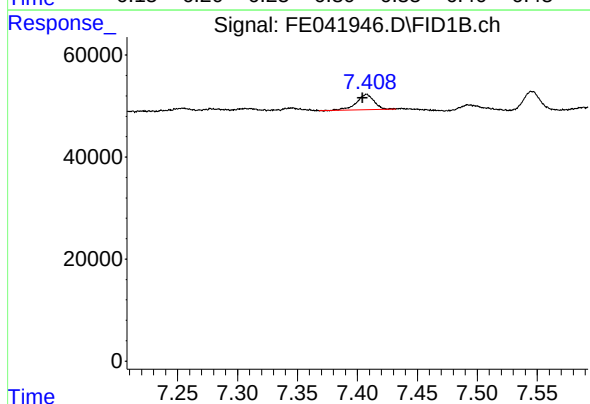




#3 A~Naphthalene (C11.7)

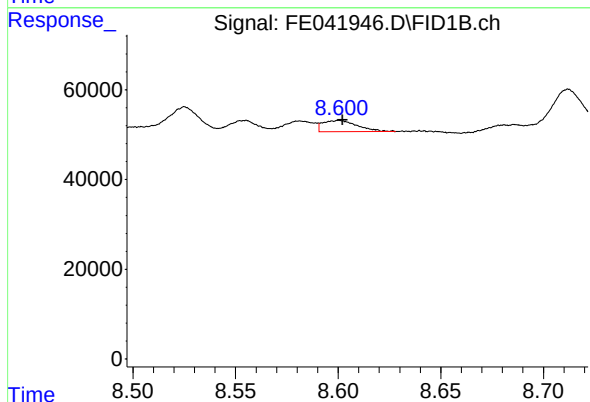
R.T.: 6.311 min
Delta R.T.: 0.003 min
Response: 48662
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :



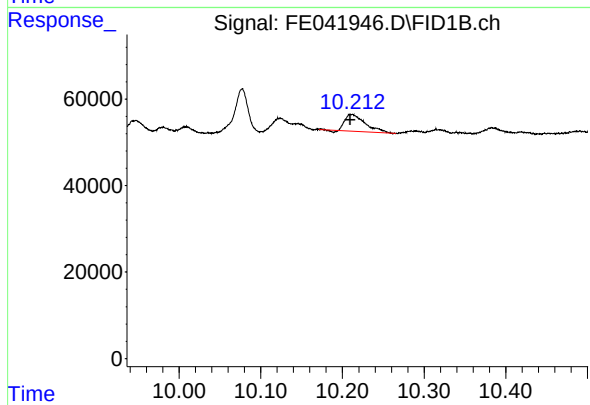
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: 0.003 min
Response: 30825
Conc: 0.19 ug/ml



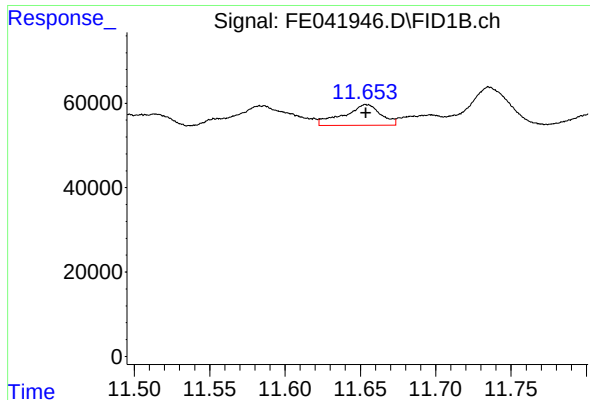
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.002 min
Response: 29930
Conc: 0.20 ug/ml



#7 n-Hexadecane (C16)

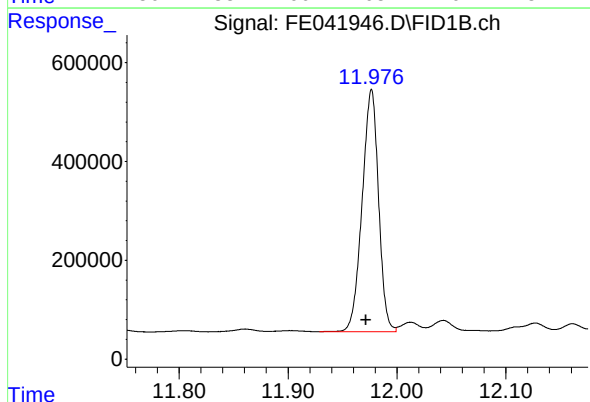
R.T.: 10.211 min
Delta R.T.: 0.000 min
Response: 67954
Conc: 0.43 ug/ml



#8 n-Octadecane (C18)

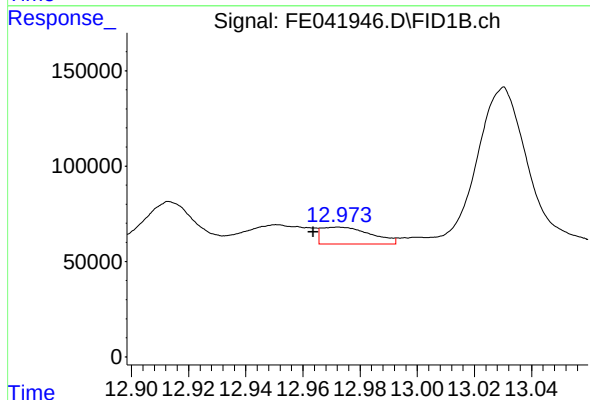
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 85456
Conc: 0.52 ug/ml

Instrument :
FID_E
ClientSampleId :



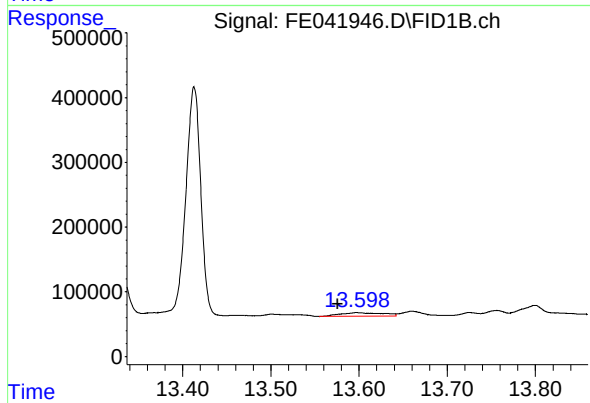
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.005 min
Response: 5146722
Conc: 27.43 ug/ml



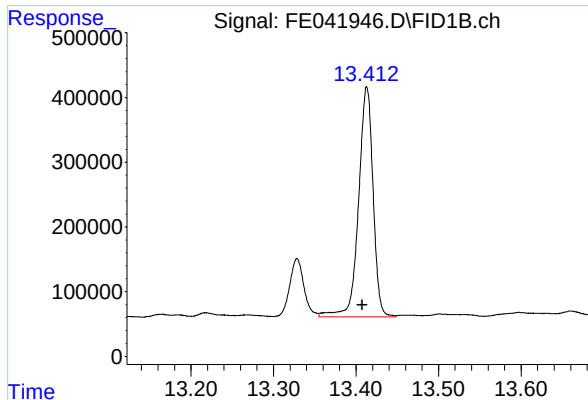
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.009 min
Response: 106585
Conc: 0.66 ug/ml



#11 n-Heneicosane (C21)

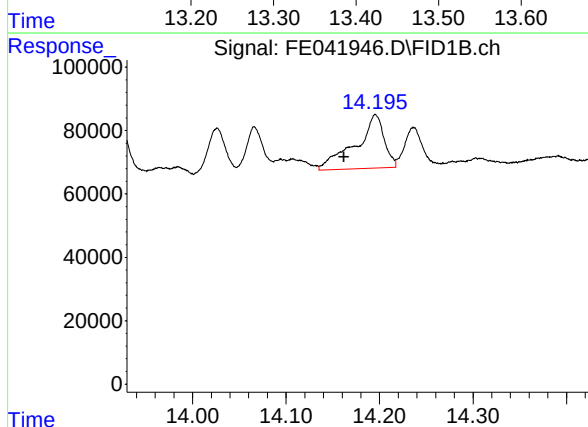
R.T.: 13.597 min
Delta R.T.: 0.022 min
Response: 185287
Conc: 1.16 ug/ml



#12 1-chlorooctadecane (SURR)

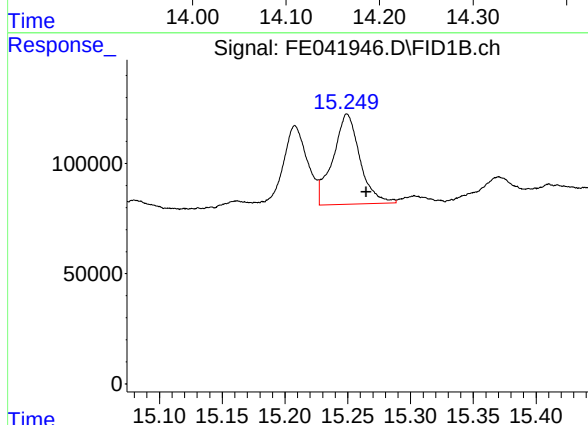
R.T.: 13.413 min
Delta R.T.: 0.006 min
Response: 4346703
Conc: 30.77 ug/ml

Instrument :
FID_E
ClientSampleId :



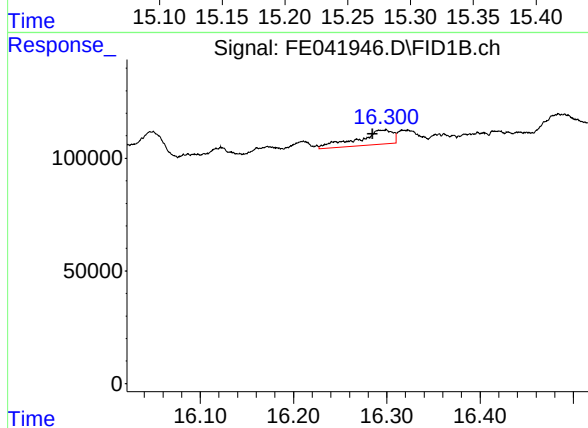
#13 n-Docosane (C22)

R.T.: 14.196 min
Delta R.T.: 0.034 min
Response: 360195
Conc: 2.26 ug/ml



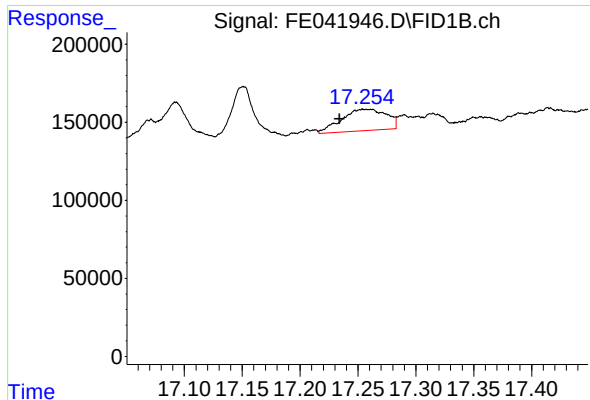
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.015 min
Response: 615506
Conc: 3.82 ug/ml



#15 n-Hexacosane (C26)

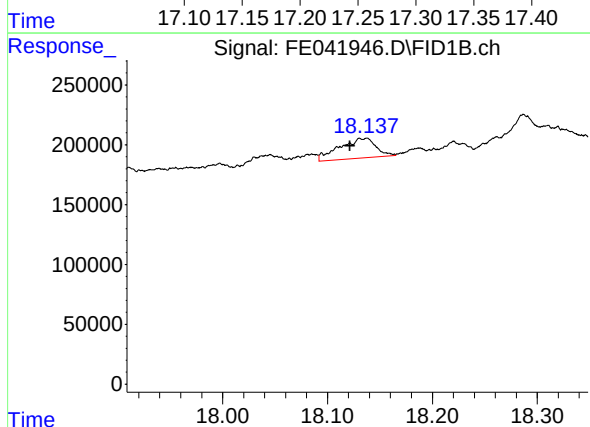
R.T.: 16.299 min
Delta R.T.: 0.014 min
Response: 165324
Conc: 1.05 ug/ml



#16 n-Octacosane (C28)

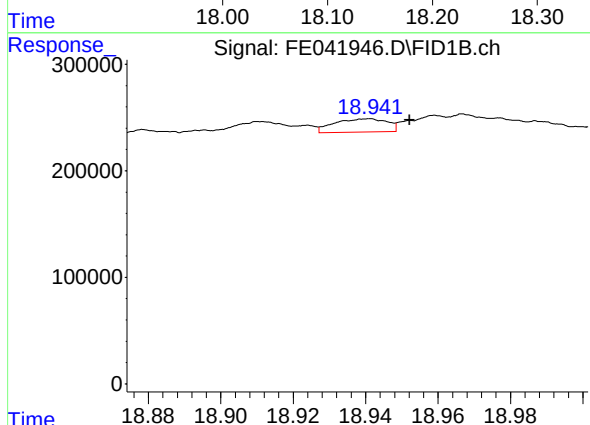
R.T.: 17.261 min
Delta R.T.: 0.027 min
Response: 369975
Conc: 2.40 ug/ml

Instrument :
FID_E
ClientSampleId :



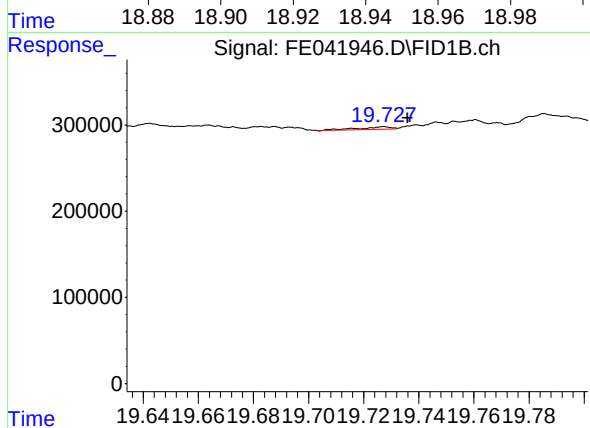
#17 n-Tricontane (C30)

R.T.: 18.137 min
Delta R.T.: 0.016 min
Response: 404144
Conc: 2.65 ug/ml



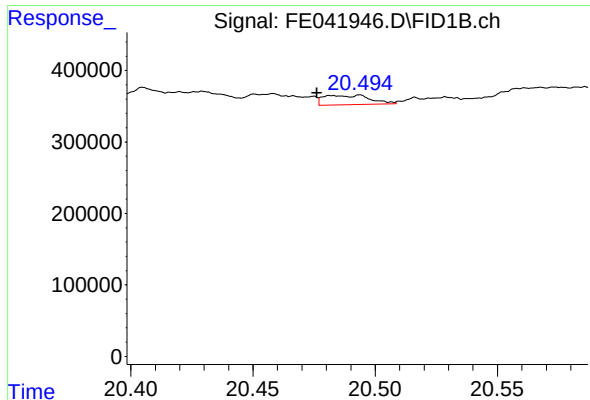
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.012 min
Response: 127698
Conc: 0.86 ug/ml



#19 n-Tetratriacontane (C34)

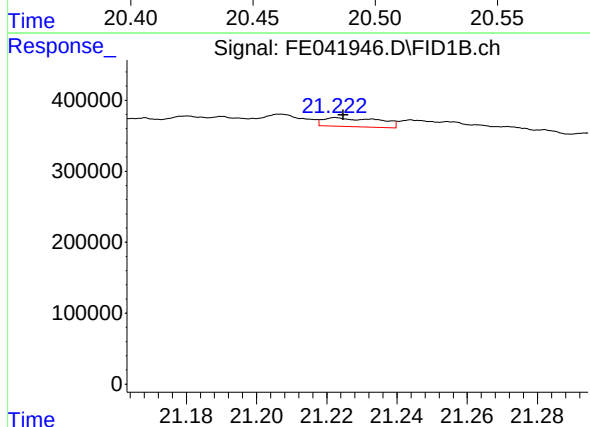
R.T.: 19.727 min
Delta R.T.: -0.009 min
Response: 26710
Conc: 0.19 ug/ml



#20 n-Hexatriacontane (C36)

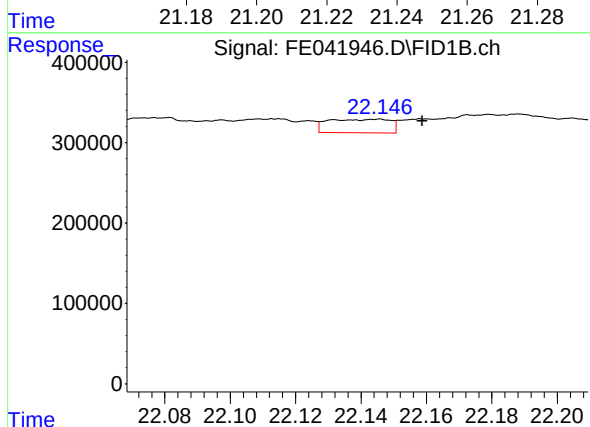
R.T.: 20.483 min
Delta R.T.: 0.006 min
Response: 174001
Conc: 1.30 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.002 min
Response: 139035
Conc: 1.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.014 min
Response: 222426
Conc: 1.76 ug/ml