

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030323AL\
 Data File : FE040648.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2023 01:53
 Operator : YP\AJ
 Sample : 01742-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 04:05:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.889	6971598	37.319 ug/ml
Spiked Amount 50.000		Recovery =	74.64%
12) S 1-chlorooctadecane (S...	13.329	5120039	34.594 ug/ml
Spiked Amount 50.000		Recovery =	69.19%
Target Compounds			
4) T n-Dodecane (C12)	6.693	31611	0.206 ug/ml
5) T A~2-methylnaphthalene...	7.331	46660	0.308 ug/ml
6) T n-Tetradecane (C14)	8.519	203005	1.313 ug/ml
7) T n-Hexadecane (C16)	10.127	383181	2.372 ug/ml
8) T n-Octadecane (C18)	11.569	1009069	5.943 ug/ml
10) T n-Eicosane (C20)	12.881	1421100	8.400 ug/ml
11) T n-Heneicosane (C21)	13.499	454057	2.650 ug/ml
13) T n-Docosane (C22)	14.085	414800	2.421 ug/ml
14) T n-Tetracosane (C24)	15.188	583032	3.382 ug/ml
15) T n-Hexacosane (C26)	16.207	301218	1.772 ug/ml
16) T n-Octacosane (C28)	17.156	227033	1.354 ug/ml
17) T n-Tricontane (C30)	18.052	624025	3.822 ug/ml
18) T n-Dotriacontane (C32)	18.855	132164	0.772 ug/ml
19) T n-Tetratriacontane (C34)	19.633	34522	0.223 ug/ml
20) T n-Hexatriacontane (C36)	20.385	31971	0.220 ug/ml
21) T n-Octatriacontane (C38)	21.146	425124	3.093 ug/ml
22) T n-Tetracontane (C40)	22.014	125132	0.810 ug/ml

(f)=RT Delta > 1/2 Window

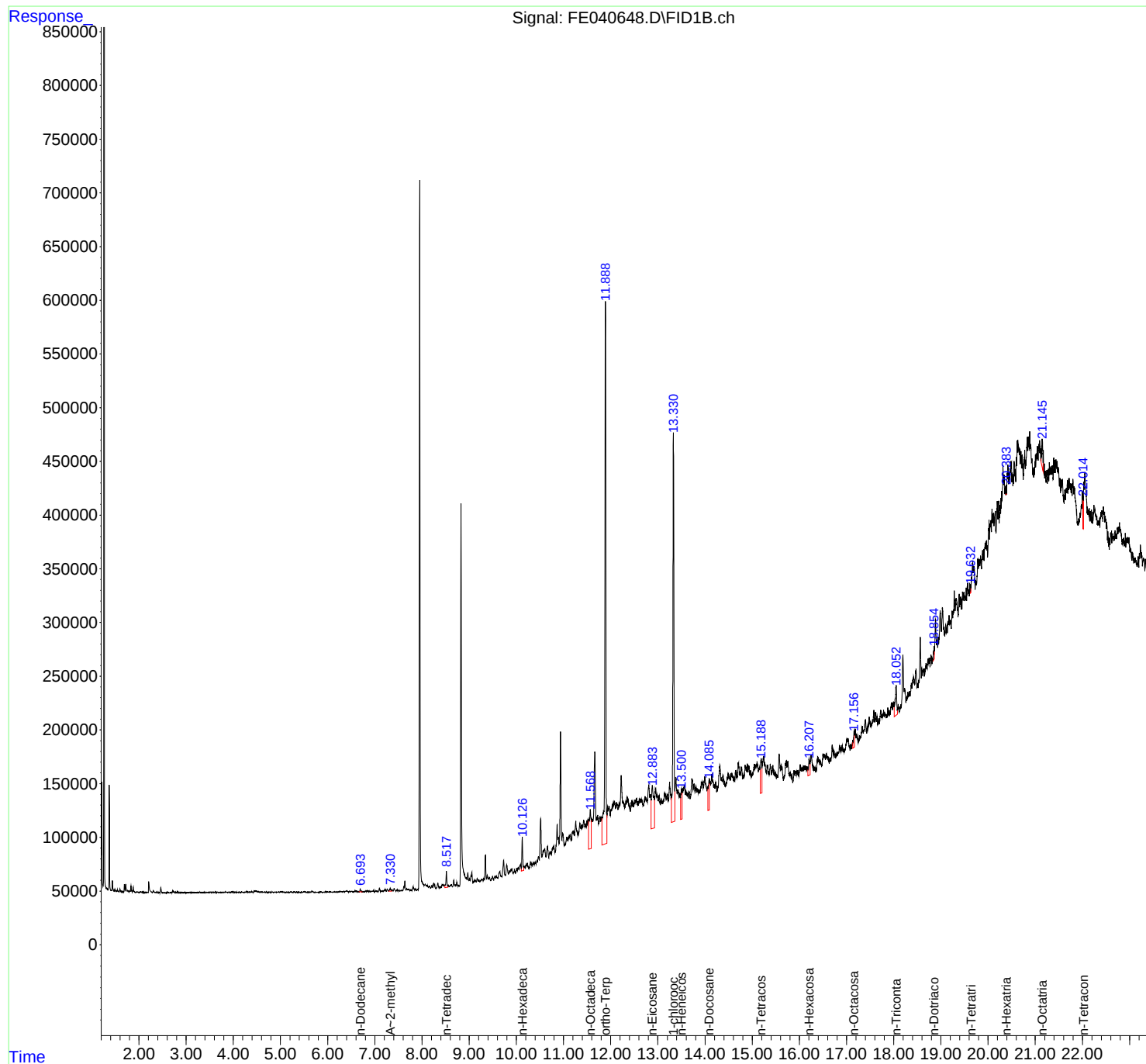
(m)=manual int.

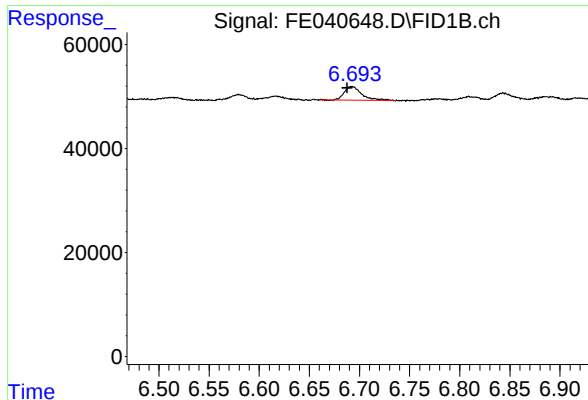
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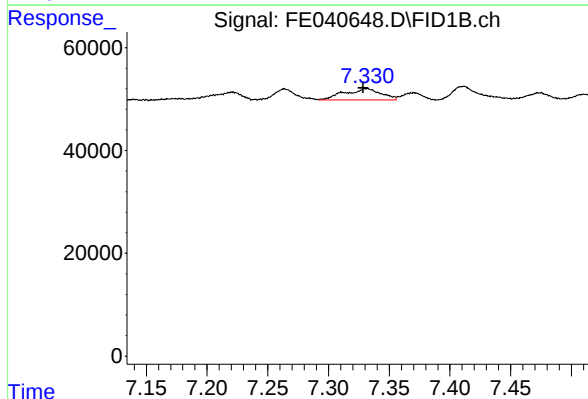
#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: 0.005 min
Response: 31611
Conc: 0.21 ug/ml

Instrument :

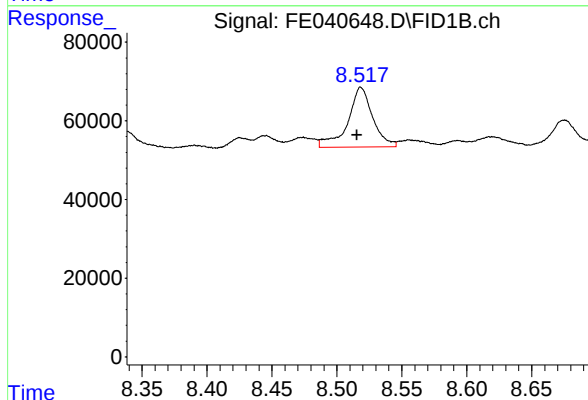
FID_E

ClientSampleId :



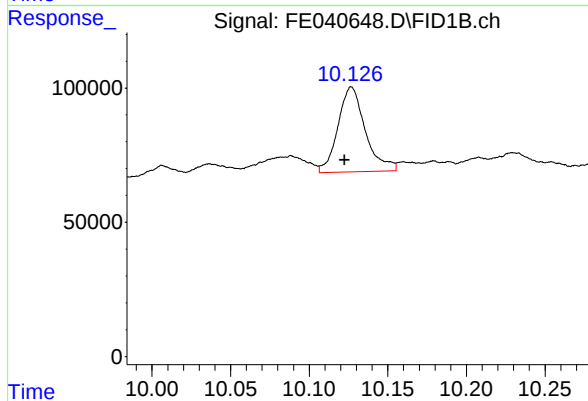
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: 0.003 min
Response: 46660
Conc: 0.31 ug/ml



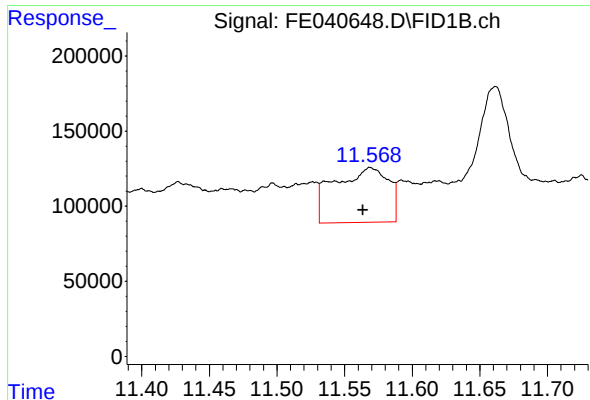
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.003 min
Response: 203005
Conc: 1.31 ug/ml



#7 n-Hexadecane (C16)

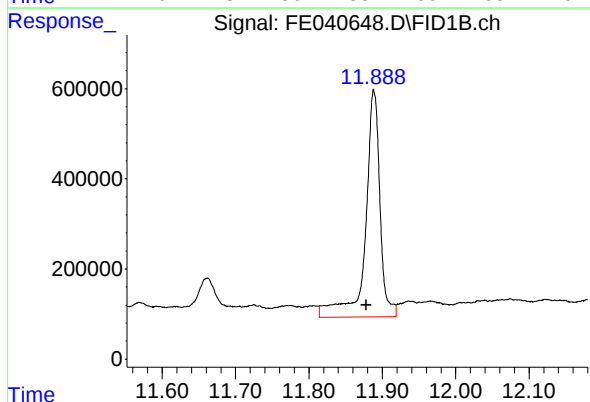
R.T.: 10.127 min
Delta R.T.: 0.004 min
Response: 383181
Conc: 2.37 ug/ml



#8 n-Octadecane (C18)

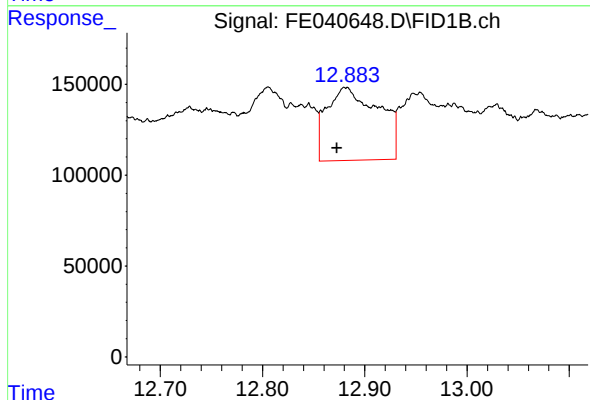
R.T.: 11.569 min
Delta R.T.: 0.006 min
Response: 1009069
Conc: 5.94 ug/ml

Instrument :
FID_E
ClientSampleId :



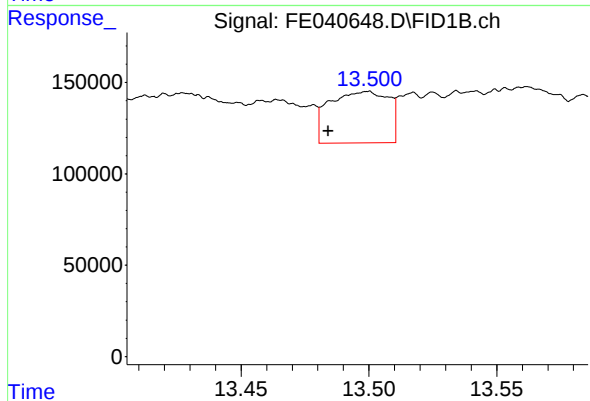
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: 0.010 min
Response: 6971598
Conc: 37.32 ug/ml



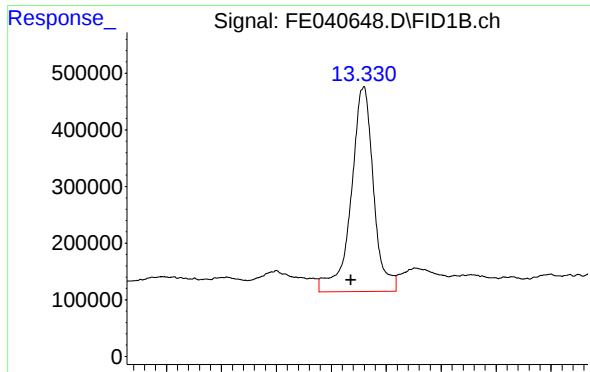
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: 0.008 min
Response: 1421100
Conc: 8.40 ug/ml



#11 n-Heneicosane (C21)

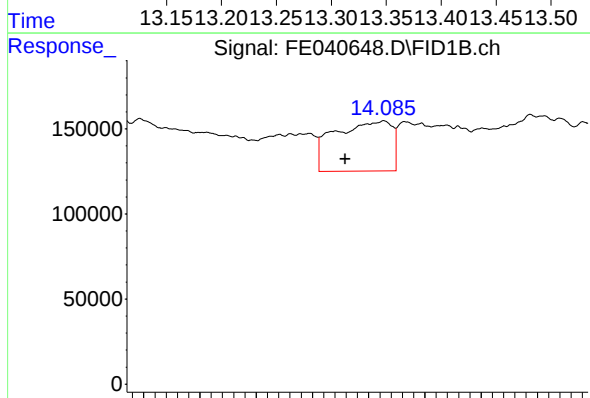
R.T.: 13.499 min
Delta R.T.: 0.015 min
Response: 454057
Conc: 2.65 ug/ml



#12 1-chlorooctadecane (SURR)

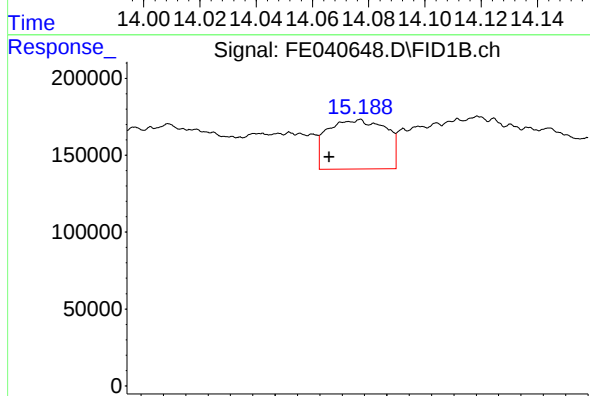
R.T.: 13.329 min
Delta R.T.: 0.011 min
Response: 5120039
Conc: 34.59 ug/ml

Instrument :
FID_E
ClientSampleId :



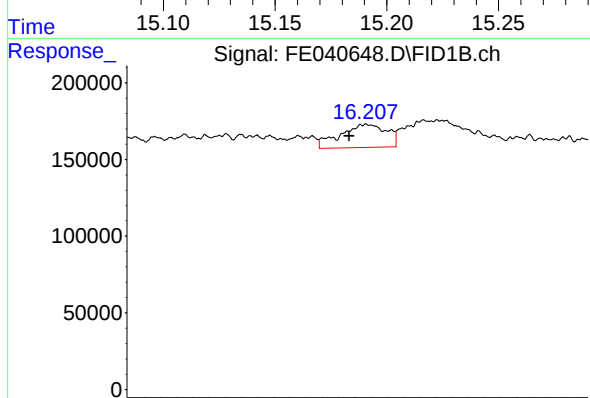
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: 0.014 min
Response: 414800
Conc: 2.42 ug/ml



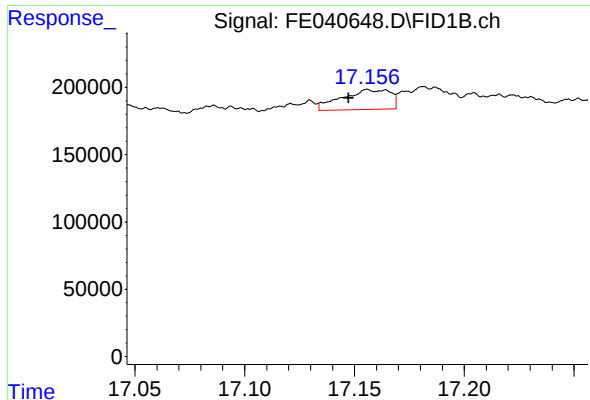
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: 0.014 min
Response: 583032
Conc: 3.38 ug/ml



#15 n-Hexacosane (C26)

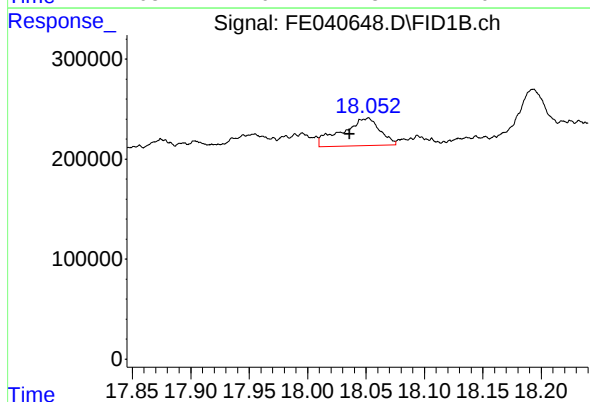
R.T.: 16.207 min
Delta R.T.: 0.011 min
Response: 301218
Conc: 1.77 ug/ml



#16 n-Octacosane (C28)

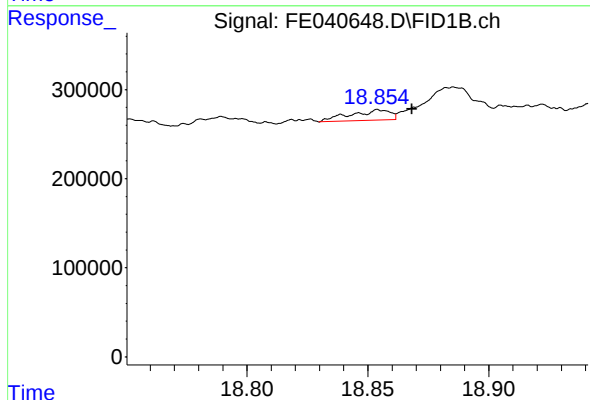
R.T.: 17.156 min
Delta R.T.: 0.009 min
Response: 227033
Conc: 1.35 ug/ml

Instrument :
FID_E
ClientSampleId :



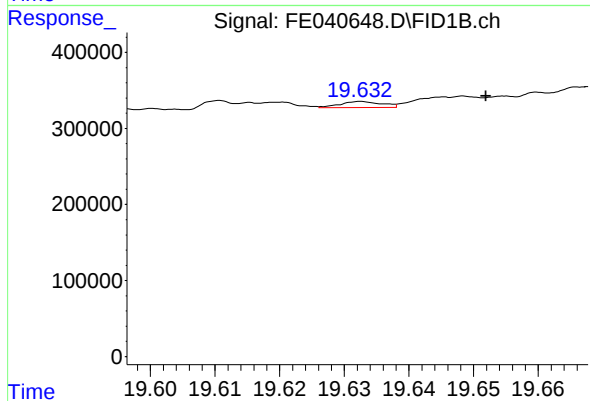
#17 n-Tricontane (C30)

R.T.: 18.052 min
Delta R.T.: 0.016 min
Response: 624025
Conc: 3.82 ug/ml



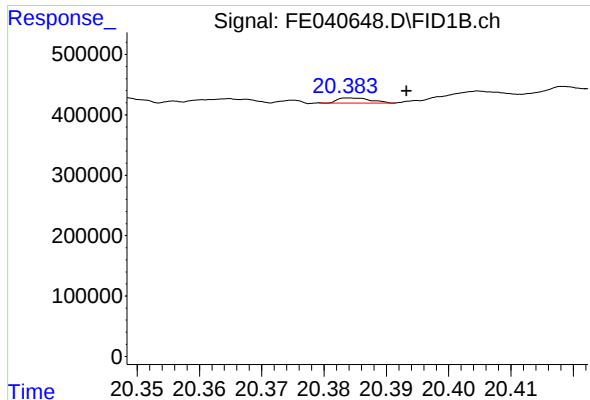
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.013 min
Response: 132164
Conc: 0.77 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.019 min
Response: 34522
Conc: 0.22 ug/ml



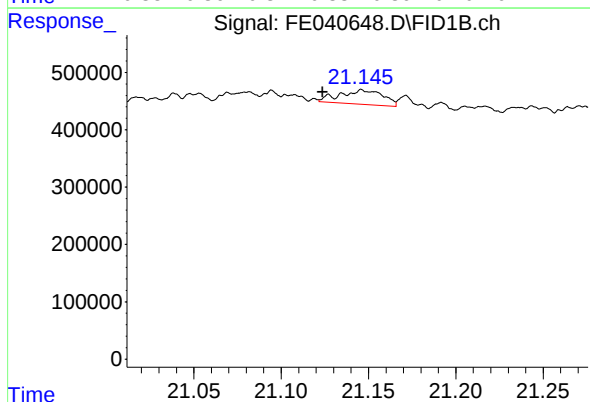
#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: -0.008 min
Response: 31971
Conc: 0.22 ug/ml

Instrument :

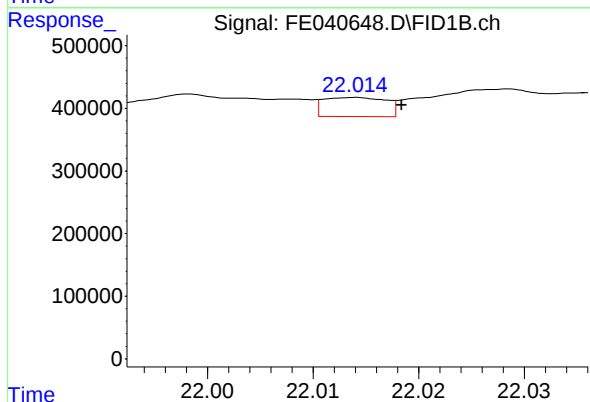
FID_E

ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.146 min
Delta R.T.: 0.023 min
Response: 425124
Conc: 3.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: -0.004 min
Response: 125132
Conc: 0.81 ug/ml