

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045178.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 15:57
 Operator : YP\AJ
 Sample : 05228-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 03 23:03:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.910	71395245	356.148 ug/ml
Spiked Amount 50.000		Recovery =	712.30%
12) S 1-chlorooctadecane (S...	13.360	25797119	174.322 ug/ml
Spiked Amount 50.000		Recovery =	348.64%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.278	102107	0.552 ug/ml
4) T n-Dodecane (C12)	6.730	139197	0.806 ug/ml
5) T A~2-methylnaphthalene...	7.357	1146862	6.358 ug/ml
6) T n-Tetradecane (C14)	8.534	12200068	71.146 ug/ml
7) T n-Hexadecane (C16)	10.171	63402107	362.569 ug/ml
8) T n-Octadecane (C18)	11.608	40338612	231.280 ug/ml
10) T n-Eicosane (C20)	12.905	77546279	464.266 ug/ml
11) T n-Heneicosane (C21)	13.519	40711586	249.746 ug/ml
13) T n-Docosane (C22)	14.115	28655226	179.147 ug/ml
14) T n-Tetracosane (C24)	15.240	17409187	112.175 ug/ml
15) T n-Hexacosane (C26)	16.261	8777839	58.466 ug/ml
16) T n-Octacosane (C28)	17.186	2465681	16.791 ug/ml
17) T n-Tricontane (C30)	18.097	200173	1.346 ug/ml
18) T n-Dotriacontane (C32)	18.891	376638	2.509 ug/ml
19) T n-Tetratriacontane (C34)	19.703	95653	0.643 ug/ml
20) T n-Hexatriacontane (C36)	20.426	74176	0.482 ug/ml
22) T n-Tetracontane (C40)	22.070	166073	0.994 ug/ml

(f)=RT Delta > 1/2 Window

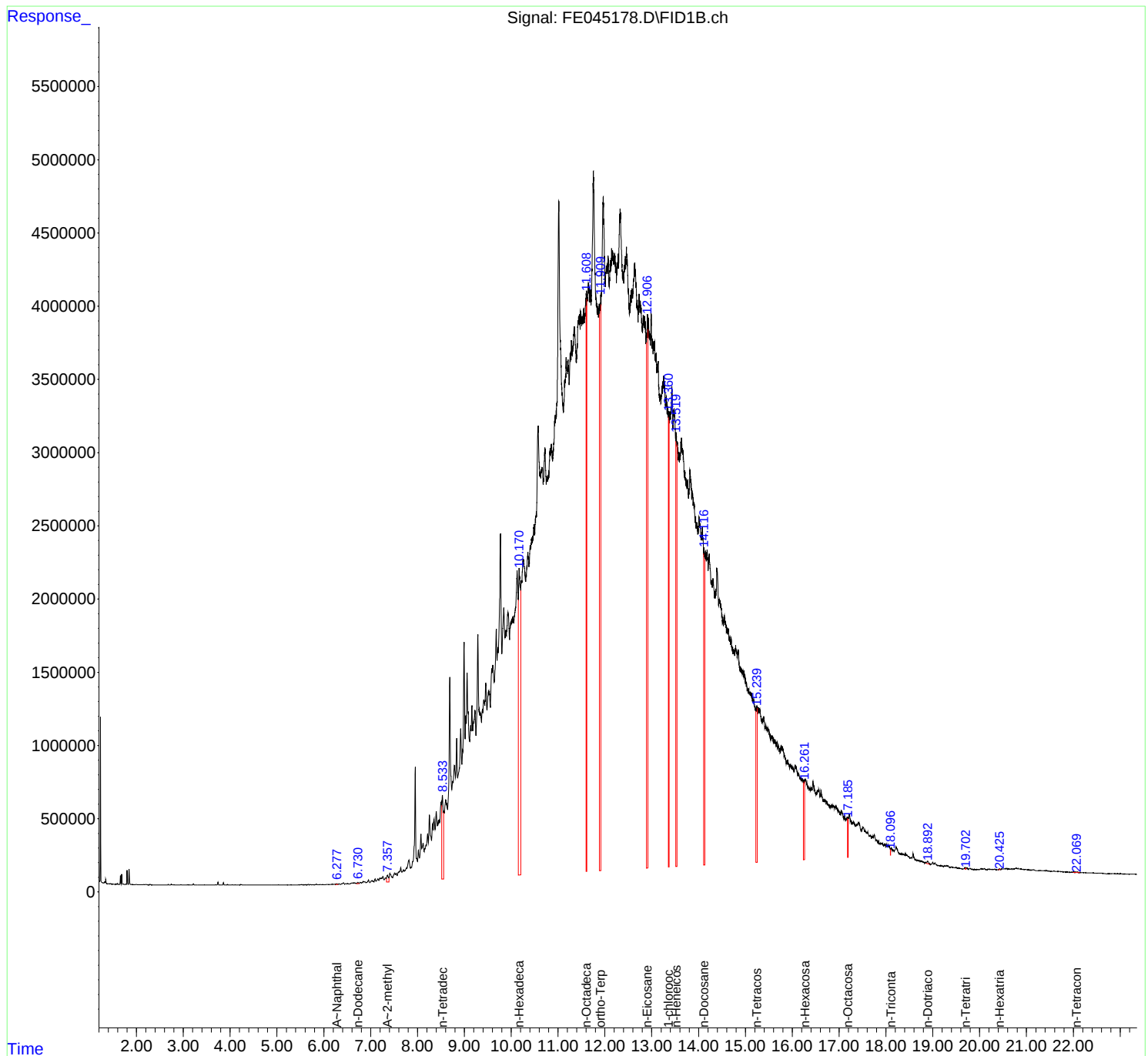
(m)=manual int.

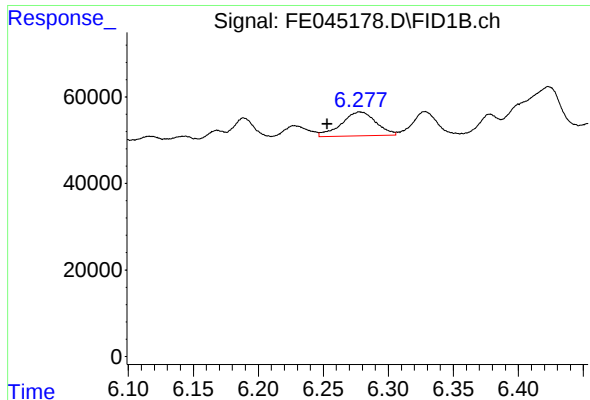
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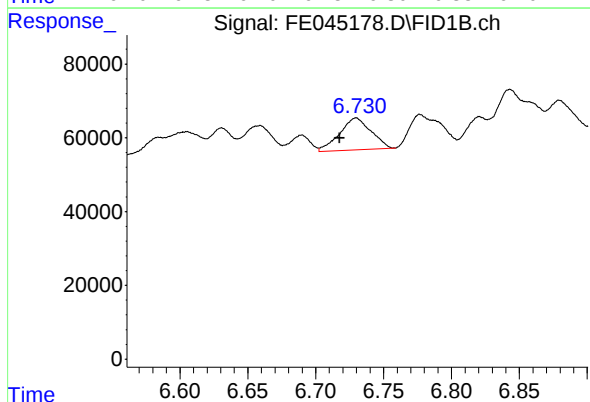




#3 A~Naphthalene (C11.7)

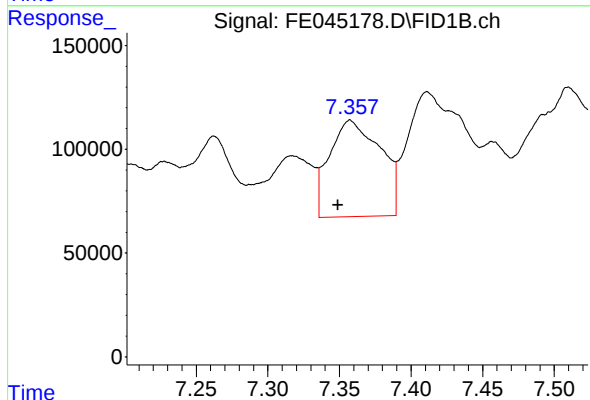
R.T.: 6.278 min
Delta R.T.: 0.025 min
Response: 102107
Conc: 0.55 ug/ml

Instrument :
FID_E
ClientSampleId :



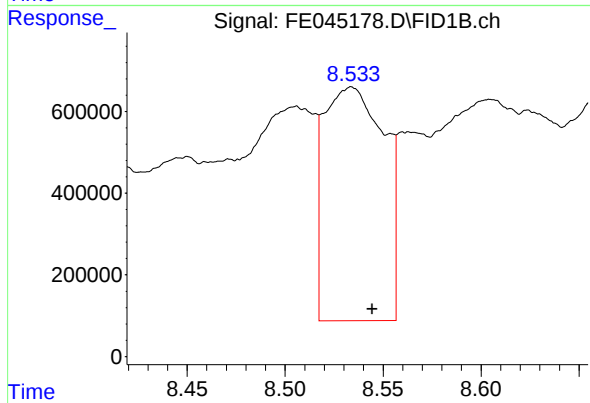
#4 n-Dodecane (C12)

R.T.: 6.730 min
Delta R.T.: 0.012 min
Response: 139197
Conc: 0.81 ug/ml



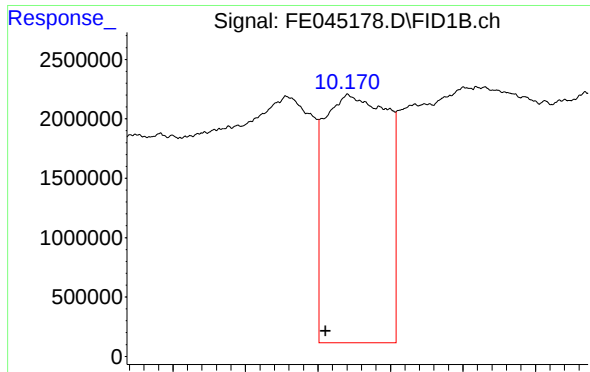
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: 0.008 min
Response: 1146862
Conc: 6.36 ug/ml



#6 n-Tetradecane (C14)

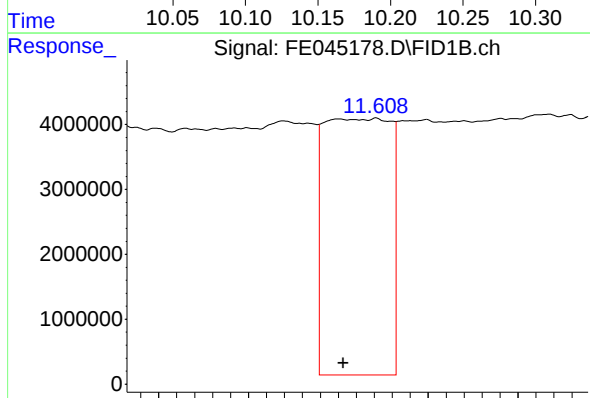
R.T.: 8.534 min
Delta R.T.: -0.010 min
Response: 12200068
Conc: 71.15 ug/ml



#7 n-Hexadecane (C16)

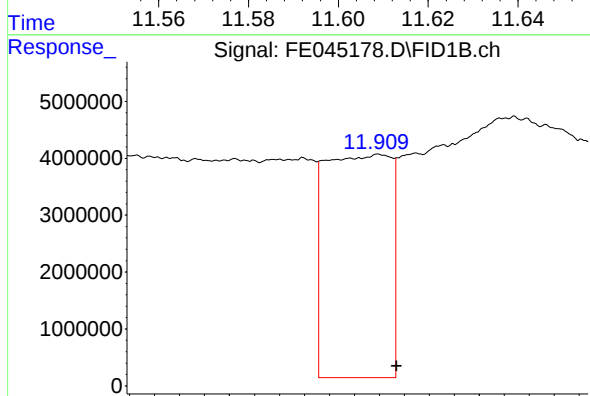
R.T.: 10.171 min
Delta R.T.: 0.016 min
Response: 63402107
Conc: 362.57 ug/ml

Instrument :
FID_E
ClientSampleId :



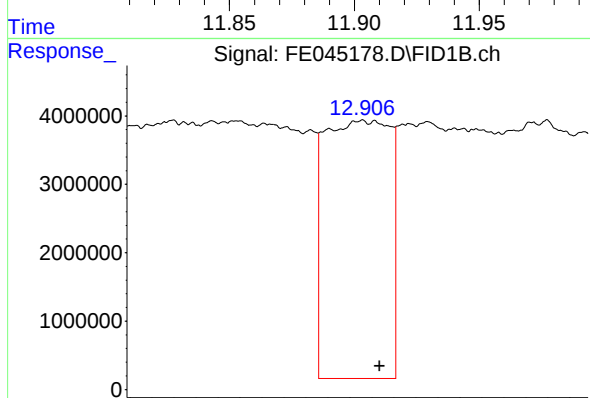
#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: 0.007 min
Response: 40338612
Conc: 231.28 ug/ml



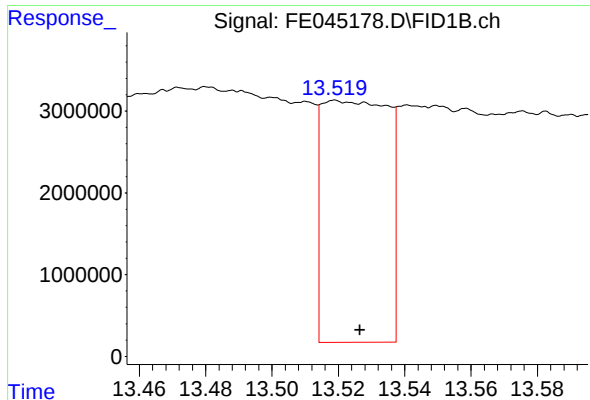
#9 ortho-Terphenyl (SURR)

R.T.: 11.910 min
Delta R.T.: -0.007 min
Response: 71395245
Conc: 356.15 ug/ml



#10 n-Eicosane (C20)

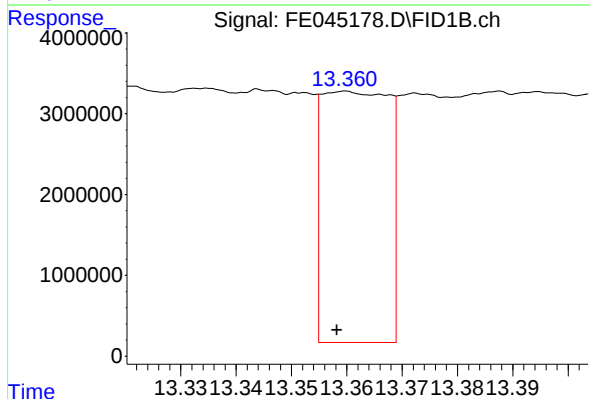
R.T.: 12.905 min
Delta R.T.: -0.008 min
Response: 77546279
Conc: 464.27 ug/ml



#11 n-Heneicosane (C21)

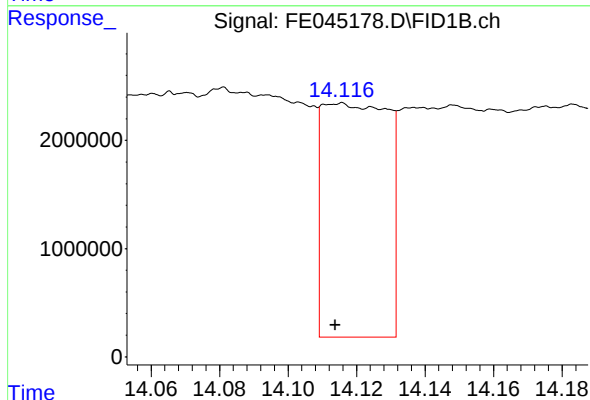
R.T.: 13.519 min
Delta R.T.: -0.007 min
Response: 40711586
Conc: 249.75 ug/ml

Instrument :
FID_E
ClientSampleId :



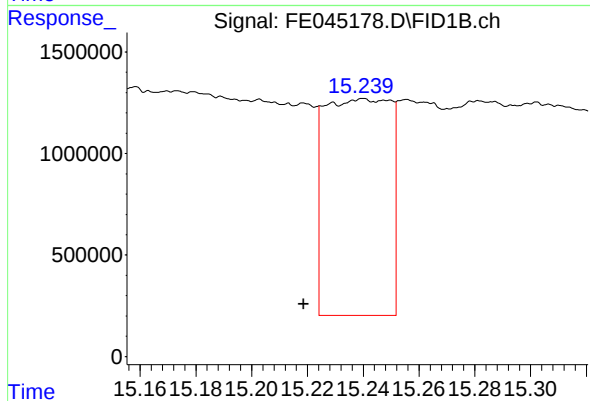
#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: 0.001 min
Response: 25797119
Conc: 174.32 ug/ml



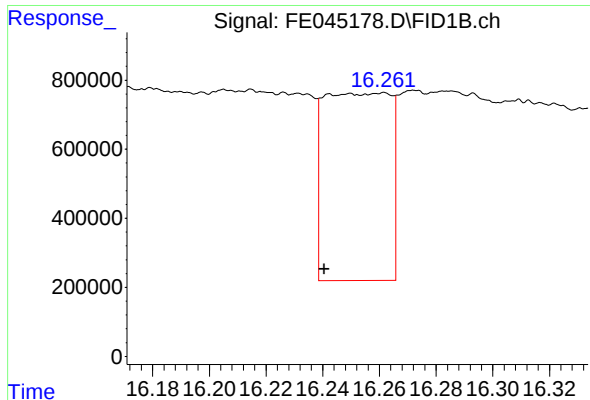
#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: 0.001 min
Response: 28655226
Conc: 179.15 ug/ml



#14 n-Tetracosane (C24)

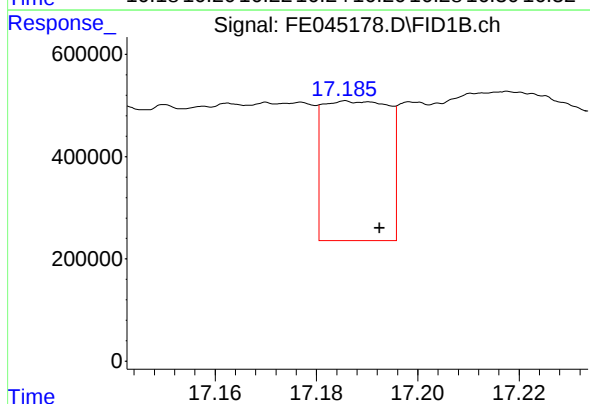
R.T.: 15.240 min
Delta R.T.: 0.021 min
Response: 17409187
Conc: 112.18 ug/ml



#15 n-Hexacosane (C26)

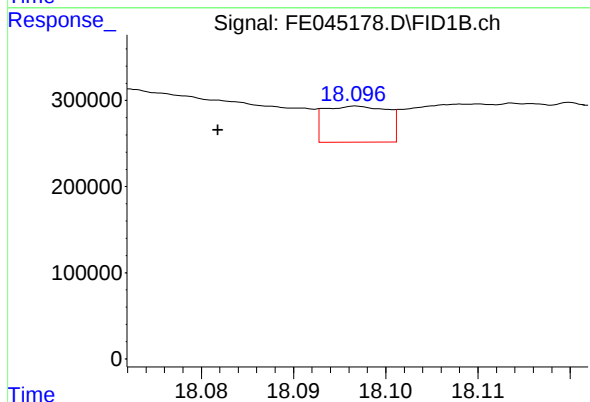
R.T.: 16.261 min
Delta R.T.: 0.021 min
Response: 8777839
Conc: 58.47 ug/ml

Instrument :
FID_E
ClientSampleId :



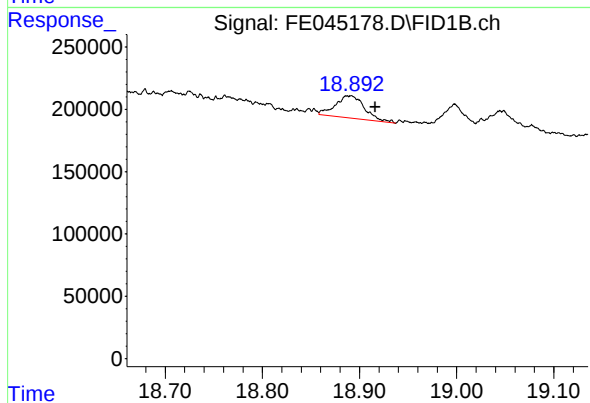
#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: -0.006 min
Response: 2465681
Conc: 16.79 ug/ml



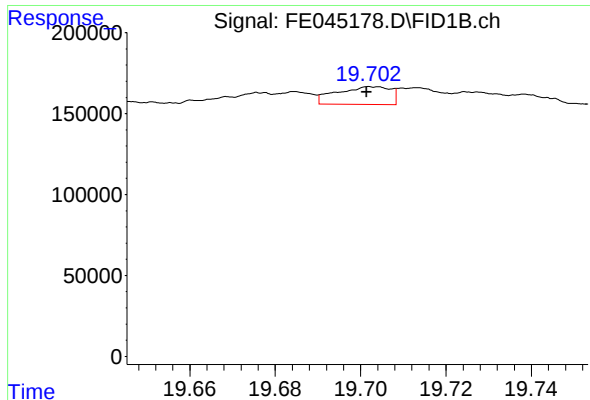
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: 0.015 min
Response: 200173
Conc: 1.35 ug/ml



#18 n-Dotriacontane (C32)

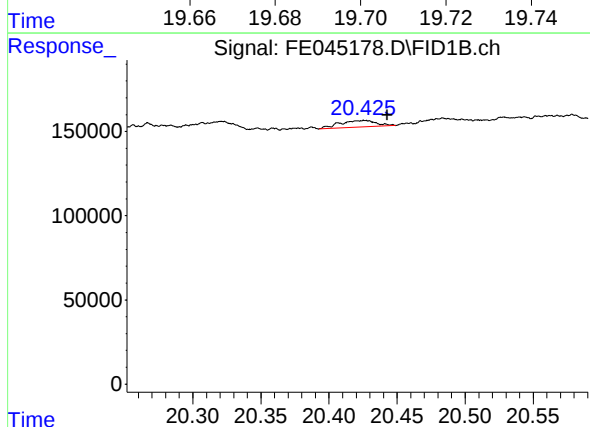
R.T.: 18.891 min
Delta R.T.: -0.025 min
Response: 376638
Conc: 2.51 ug/ml



#19 n-Tetratriacontane (C34)

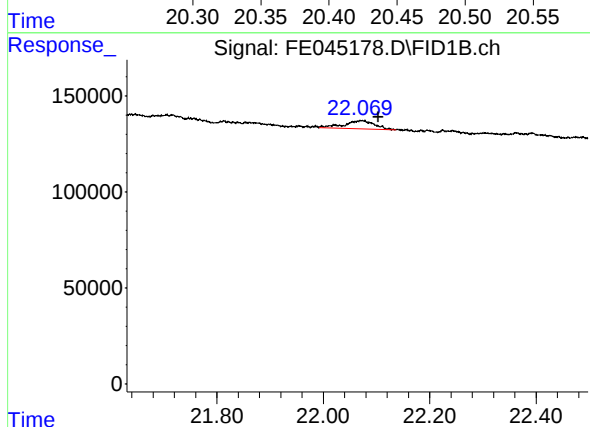
R.T.: 19.703 min
Delta R.T.: 0.002 min
Response: 95653
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: -0.017 min
Response: 74176
Conc: 0.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.033 min
Response: 166073
Conc: 0.99 ug/ml