

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102423AL\
 Data File : FE045013.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2023 20:46
 Operator : YP\AJ
 Sample : 05011-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:11:47 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)	11.914	49061293	244.737 ug/ml
Spiked Amount 50.000		Recovery =	489.47%
12) S 1-chlorooctadecane (S...	13.358	25746075	173.977 ug/ml
Spiked Amount 50.000		Recovery =	347.95%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.196f	43431	0.235 ug/ml
4) T n-Dodecane (C12)	6.737	53318	0.309 ug/ml
5) T A~2-methylnaphthalene...	7.360	209829	1.163 ug/ml
6) T n-Tetradecane (C14)	8.557	981735	5.725 ug/ml
7) T n-Hexadecane (C16)	10.144	8098448	46.312 ug/ml
8) T n-Octadecane (C18)	11.597	10994843	63.038 ug/ml
10) T n-Eicosane (C20)	12.916	24100484	144.288 ug/ml
11) T n-Heneicosane (C21)	13.526	16376875	100.464 ug/ml
13) T n-Docosane (C22)	14.107	15822625	98.920 ug/ml
14) T n-Tetracosane (C24)	15.251	4025384	25.937 ug/ml
15) T n-Hexacosane (C26)	16.219	2505185	16.686 ug/ml
16) T n-Octacosane (C28)	17.171	1548062	10.542 ug/ml
17) T n-Tricontane (C30)	18.056	320964	2.158 ug/ml
18) T n-Dotriacontane (C32)	18.888	409289	2.727 ug/ml
19) T n-Tetratriacontane (C34)	19.704	326653	2.194 ug/ml
20) T n-Hexatriacontane (C36)	20.455	215655	1.403 ug/ml
22) T n-Tetracontane (C40)	22.067	16928	0.101 ug/ml

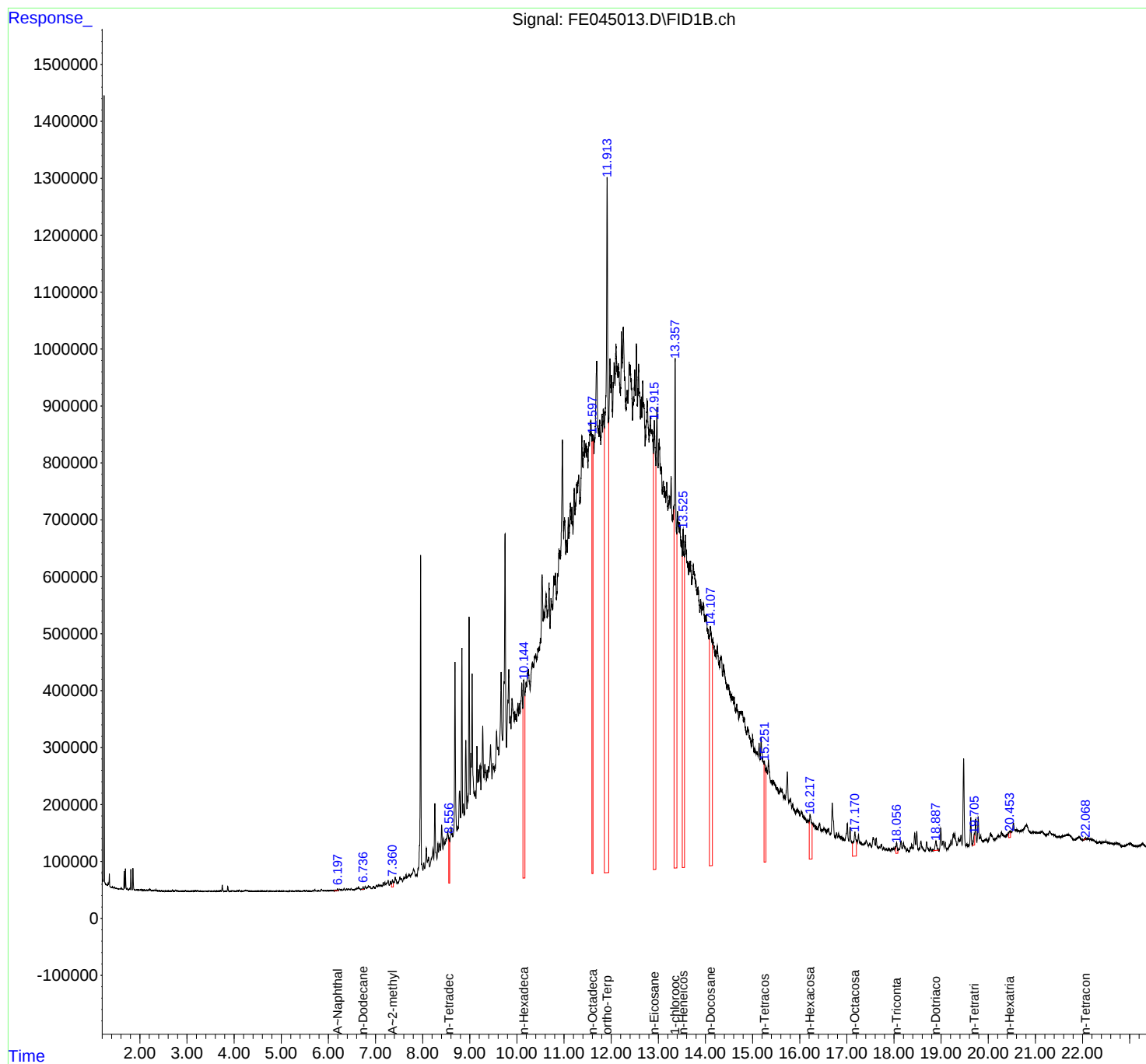
(f)=RT Delta > 1/2 Window

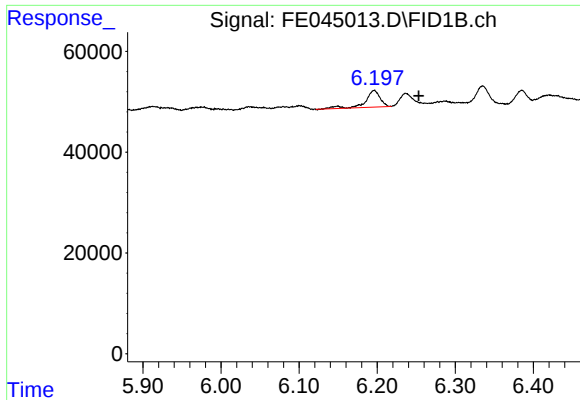
(m)=manual int.

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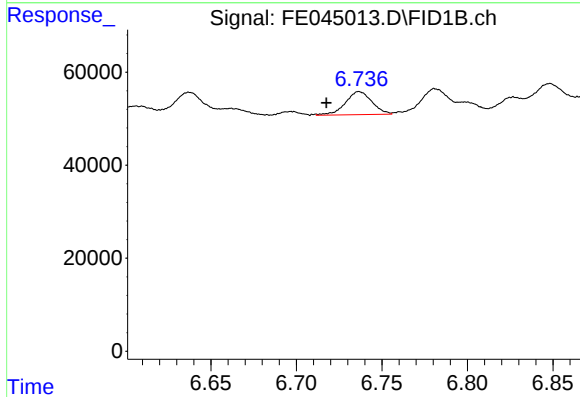
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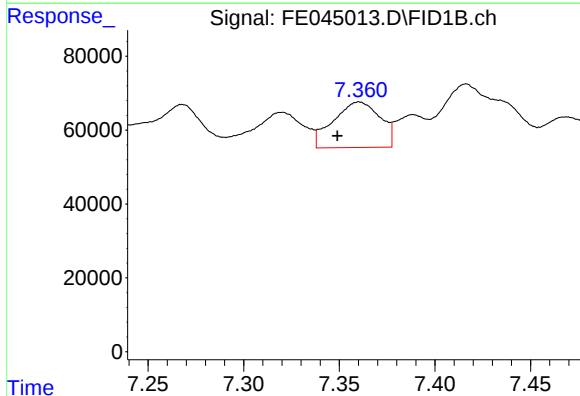
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: -0.057 min
Response: 43431
Conc: 0.23 ug/ml



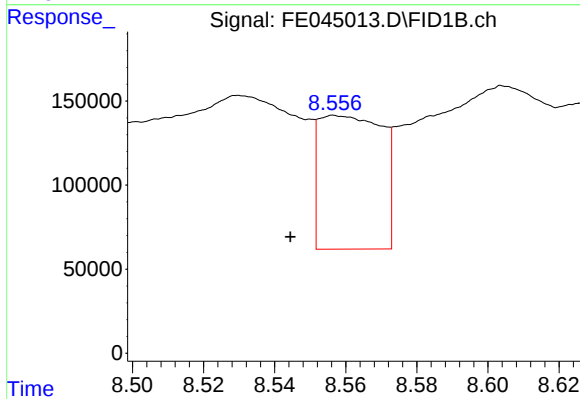
#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: 0.019 min
Response: 53318
Conc: 0.31 ug/ml



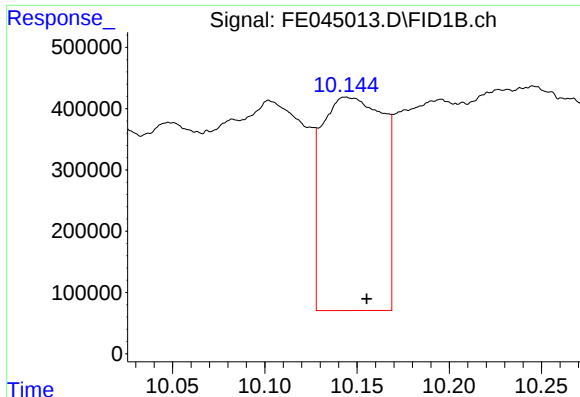
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.360 min
Delta R.T.: 0.011 min
Response: 209829
Conc: 1.16 ug/ml



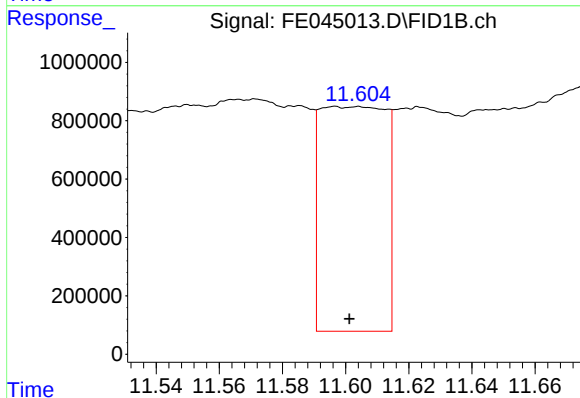
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.013 min
Response: 981735
Conc: 5.73 ug/ml



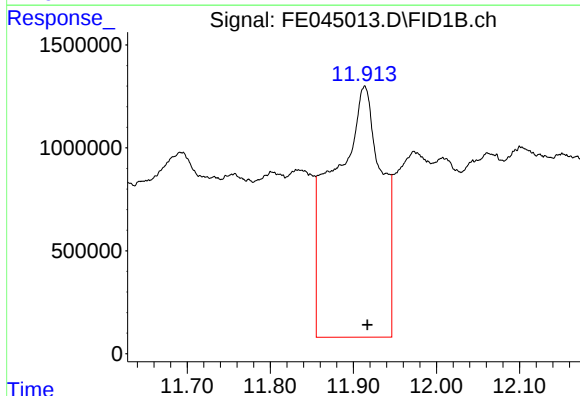
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.011 min
Response: 8098448
Conc: 46.31 ug/ml



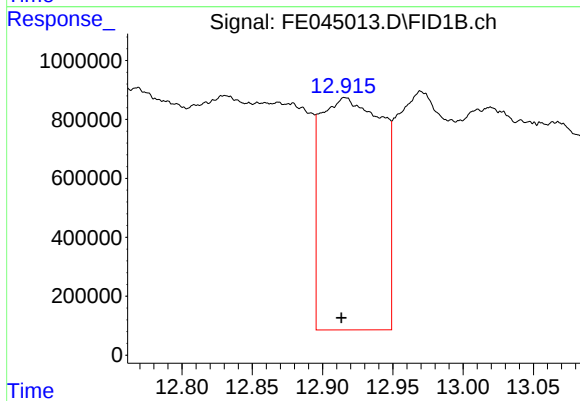
#8 n-Octadecane (C18)

R.T.: 11.597 min
Delta R.T.: -0.005 min
Response: 10994843
Conc: 63.04 ug/ml



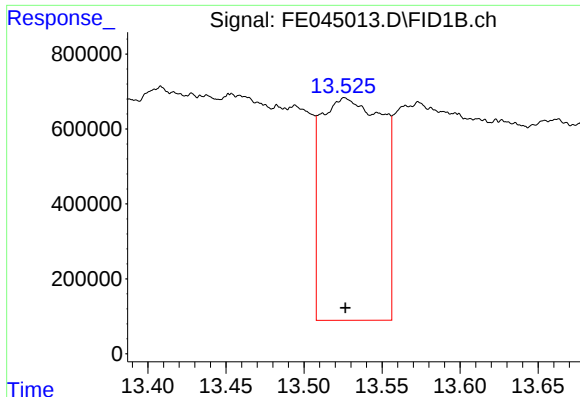
#9 ortho-Terphenyl (SURR)

R.T.: 11.914 min
Delta R.T.: -0.003 min
Response: 49061293
Conc: 244.74 ug/ml



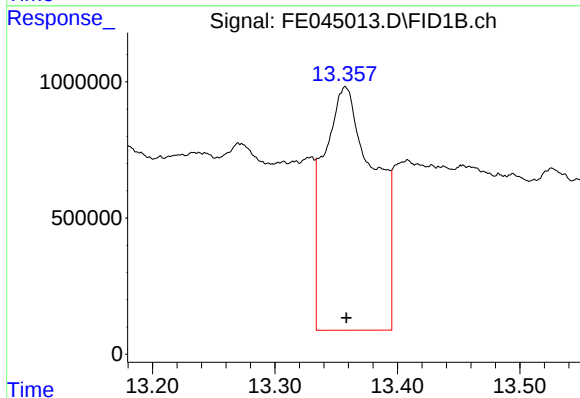
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: 0.003 min
Response: 24100484
Conc: 144.29 ug/ml



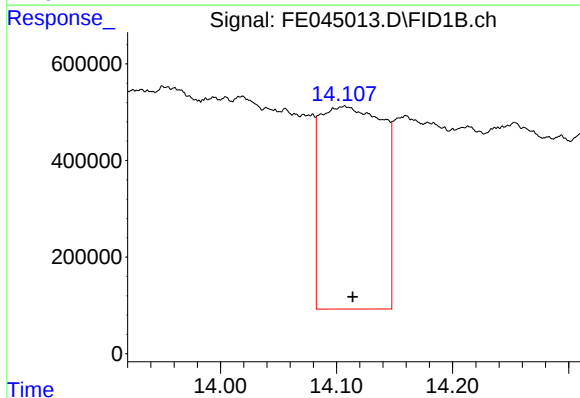
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 16376875
Conc: 100.46 ug/ml



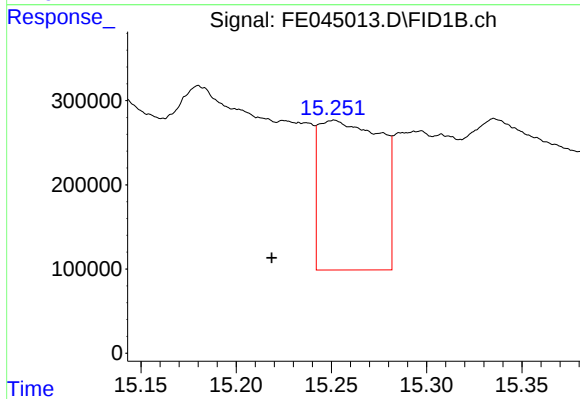
#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 25746075
Conc: 173.98 ug/ml



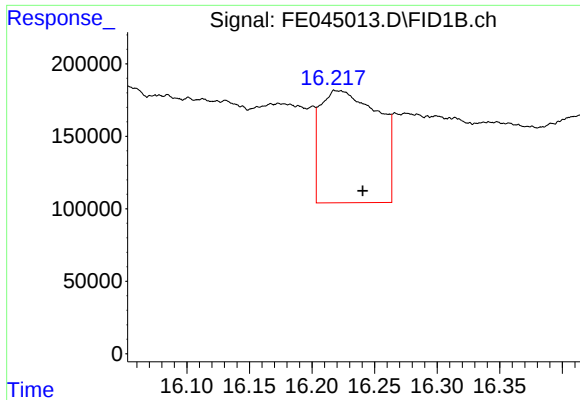
#13 n-Docosane (C22)

R.T.: 14.107 min
Delta R.T.: -0.007 min
Response: 15822625
Conc: 98.92 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.033 min
Response: 4025384
Conc: 25.94 ug/ml



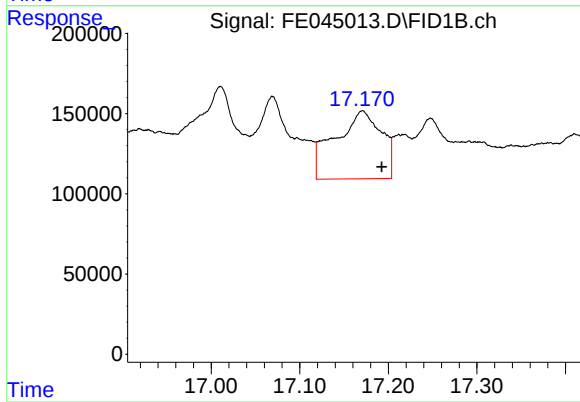
#15 n-Hexacosane (C26)

R.T.: 16.219 min

Delta R.T.: -0.021 min

Response: 2505185

Conc: 16.69 ug/ml



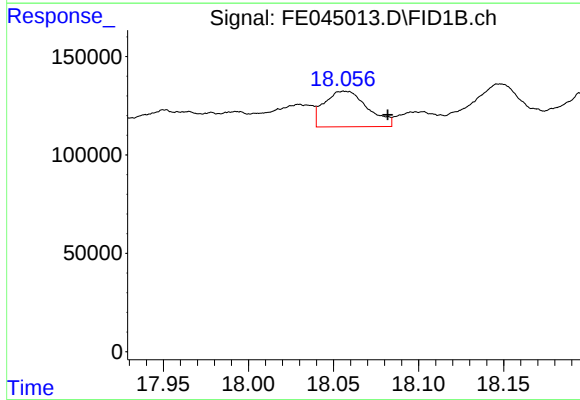
#16 n-Octacosane (C28)

R.T.: 17.171 min

Delta R.T.: -0.022 min

Response: 1548062

Conc: 10.54 ug/ml



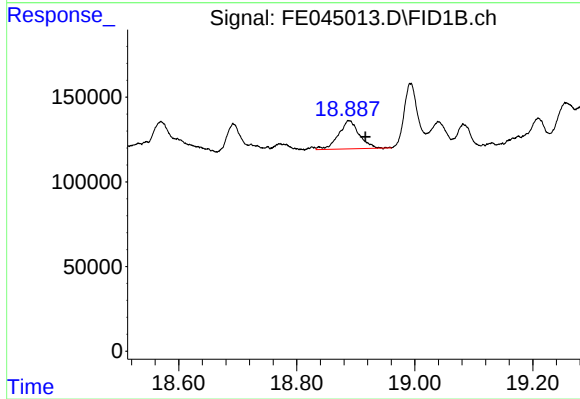
#17 n-Tricontane (C30)

R.T.: 18.056 min

Delta R.T.: -0.025 min

Response: 320964

Conc: 2.16 ug/ml



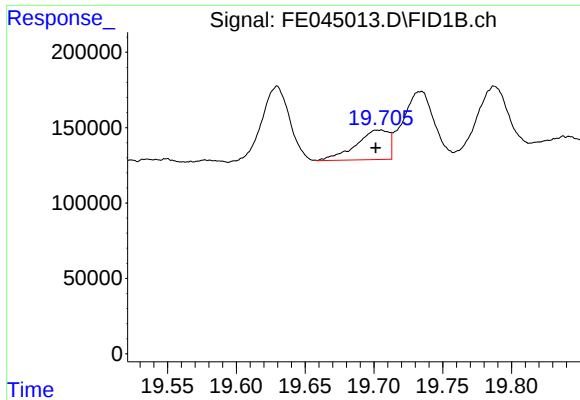
#18 n-Dotriacontane (C32)

R.T.: 18.888 min

Delta R.T.: -0.028 min

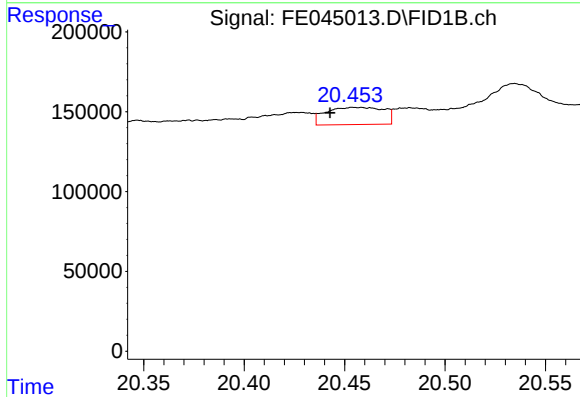
Response: 409289

Conc: 2.73 ug/ml



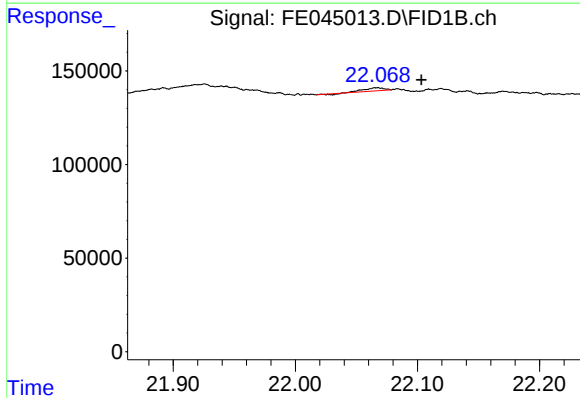
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.003 min
Response: 326653
Conc: 2.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: 0.012 min
Response: 215655
Conc: 1.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: -0.036 min
Response: 16928
Conc: 0.10 ug/ml