

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031423AL\
 Data File : FE040790.D
 Signal(s) : FID1B.ch
 Acq On : 14 Mar 2023 18:19
 Operator : YP\AJ
 Sample : 01905-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 18:57:08 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)	11.882	5212009	27.900 ug/ml
Spiked Amount 50.000		Recovery =	55.80%
12) S 1-chlorooctadecane (S...	13.320	4322293	29.204 ug/ml
Spiked Amount 50.000		Recovery =	58.41%
Target Compounds			
4) T n-Dodecane (C12)	6.687	23276	0.152 ug/ml
6) T n-Tetradecane (C14)	8.513	30571	0.198 ug/ml
7) T n-Hexadecane (C16)	10.121	28554	0.177 ug/ml
8) T n-Octadecane (C18)	11.565	28293	0.167 ug/ml
10) T n-Eicosane (C20)	12.865	158237	0.935 ug/ml
11) T n-Heneicosane (C21)	13.485	41202	0.240 ug/ml
13) T n-Docosane (C22)	14.074	91389	0.533 ug/ml
14) T n-Tetracosane (C24)	15.166	1044763	6.060 ug/ml
15) T n-Hexacosane (C26)	16.203	107728	0.634 ug/ml
16) T n-Octacosane (C28)	17.176	385926	2.301 ug/ml
17) T n-Tricontane (C30)	18.040	115289	0.706 ug/ml
18) T n-Dotriacontane (C32)	18.849	349320	2.041 ug/ml
19) T n-Tetratriacontane (C34)	19.650	63093	0.408 ug/ml
20) T n-Hexatriacontane (C36)	20.399	151311	1.042 ug/ml
21) T n-Octatriacontane (C38)	21.124	77181	0.561 ug/ml
22) T n-Tetracontane (C40)	22.034	658760	4.263 ug/ml

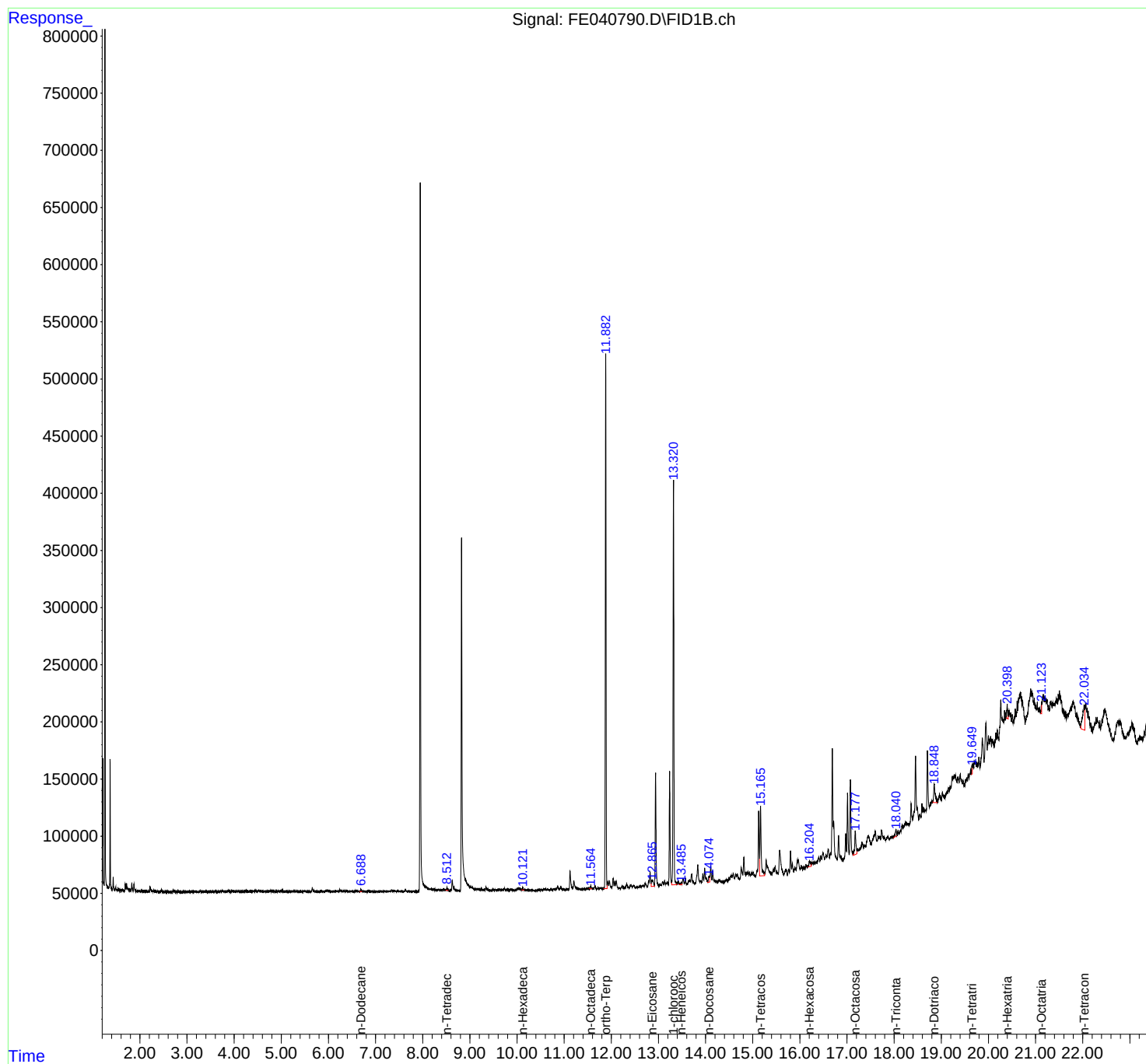
(f)=RT Delta > 1/2 Window

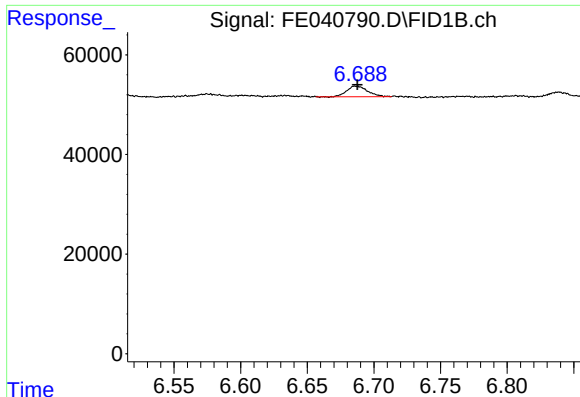
(m)=manual int.

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Misc :
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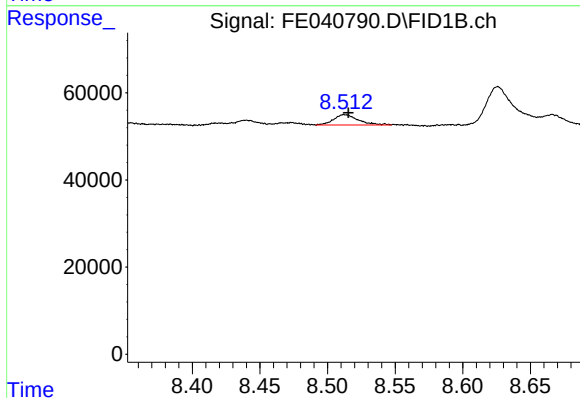
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





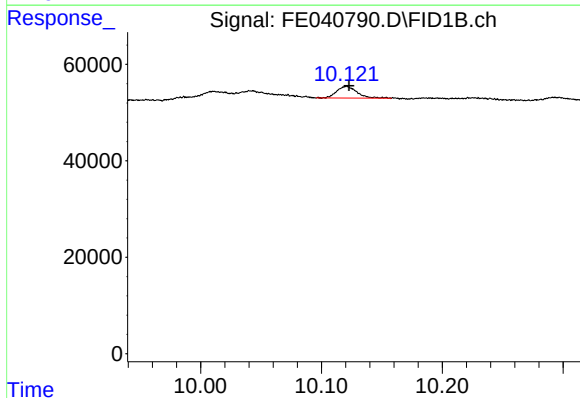
#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: -0.001 min
Response: 23276
Conc: 0.15 ug/ml



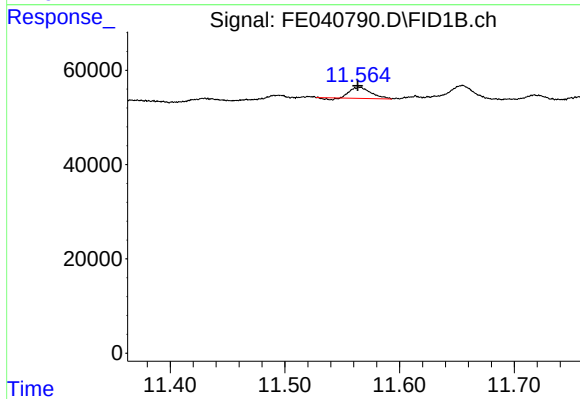
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.003 min
Response: 30571
Conc: 0.20 ug/ml



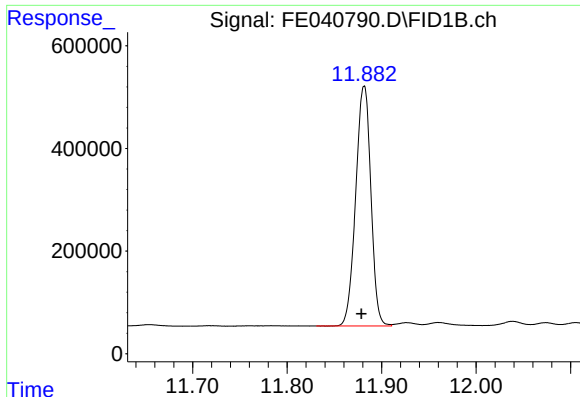
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.002 min
Response: 28554
Conc: 0.18 ug/ml



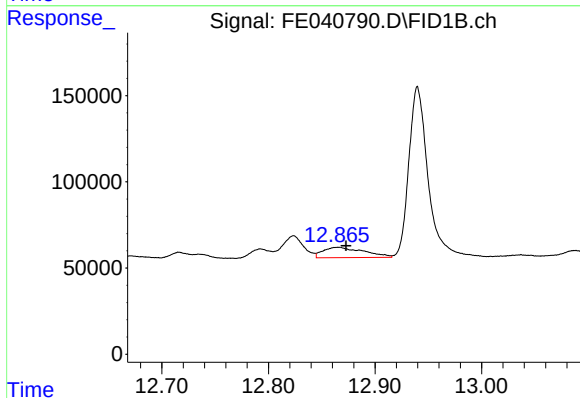
#8 n-Octadecane (C18)

R.T.: 11.565 min
Delta R.T.: 0.002 min
Response: 28293
Conc: 0.17 ug/ml



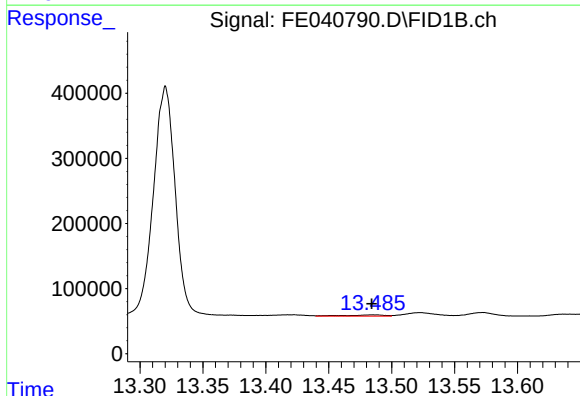
#9 ortho-Terphenyl (SURR)

R.T.: 11.882 min
Delta R.T.: 0.003 min
Response: 5212009
Conc: 27.90 ug/ml



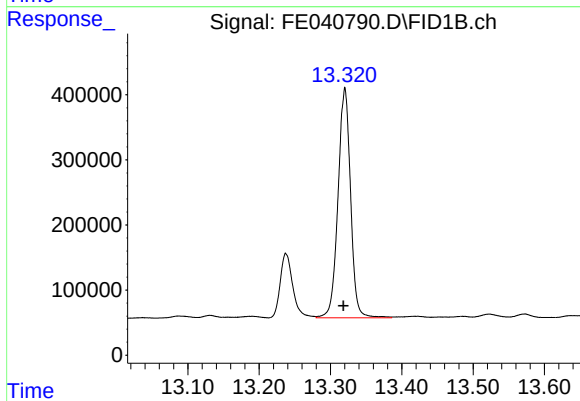
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.007 min
Response: 158237
Conc: 0.94 ug/ml



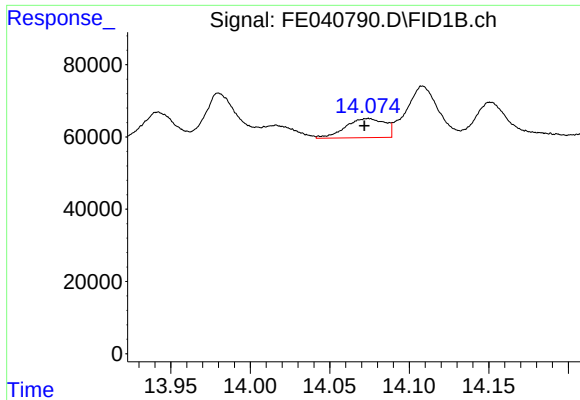
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: 0.001 min
Response: 41202
Conc: 0.24 ug/ml



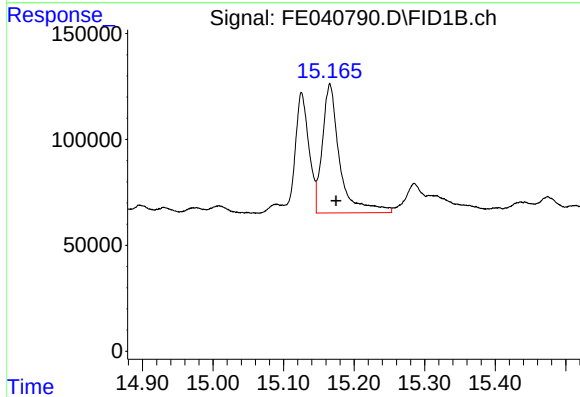
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.002 min
Response: 4322293
Conc: 29.20 ug/ml



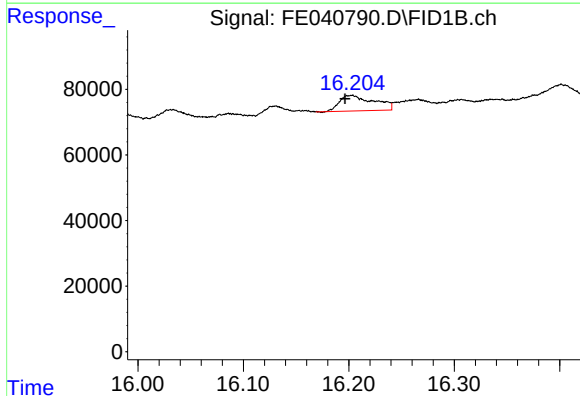
#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: 0.002 min
Response: 91389
Conc: 0.53 ug/ml



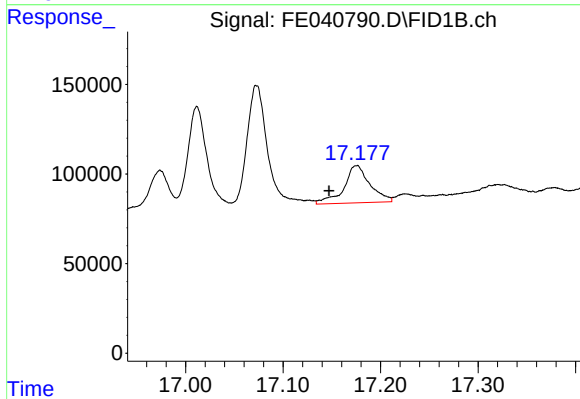
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: -0.009 min
Response: 1044763
Conc: 6.06 ug/ml



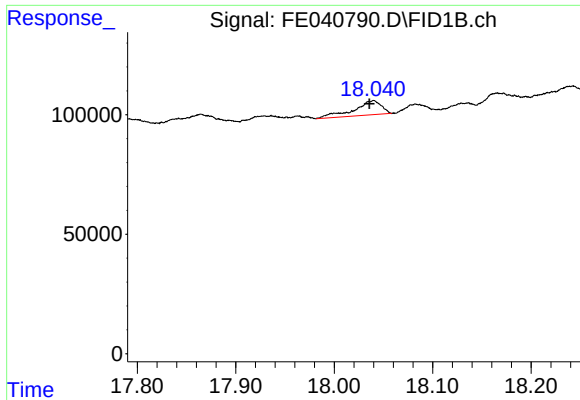
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: 0.006 min
Response: 107728
Conc: 0.63 ug/ml



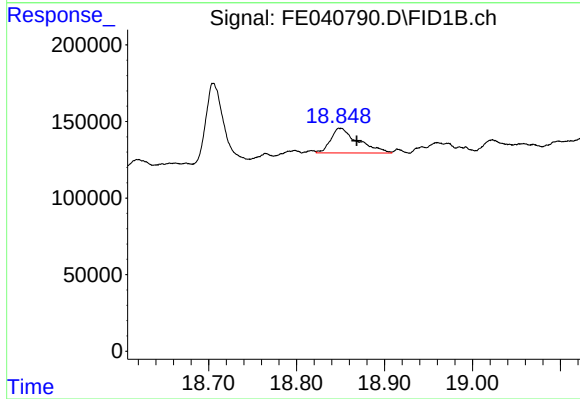
#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: 0.028 min
Response: 385926
Conc: 2.30 ug/ml



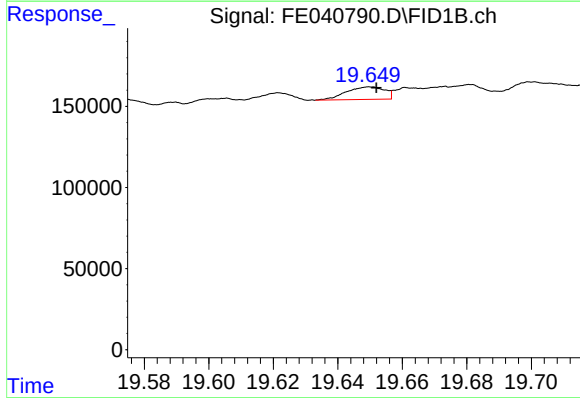
#17 n-Tricontane (C30)

R.T.: 18.040 min
Delta R.T.: 0.004 min
Response: 115289
Conc: 0.71 ug/ml



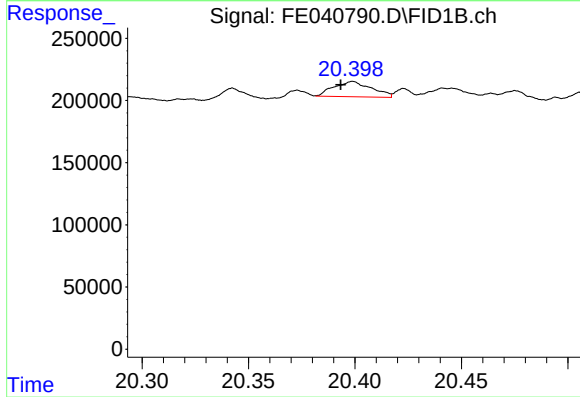
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.019 min
Response: 349320
Conc: 2.04 ug/ml



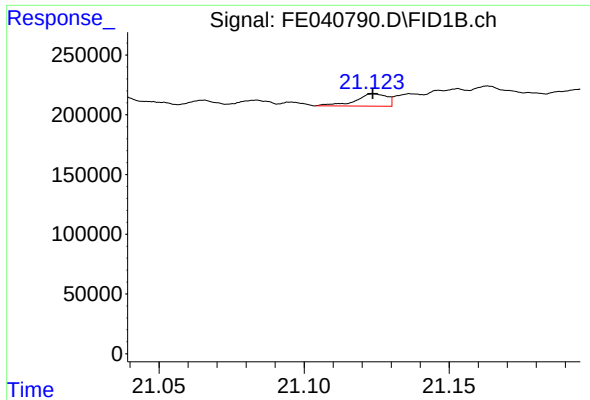
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: -0.002 min
Response: 63093
Conc: 0.41 ug/ml



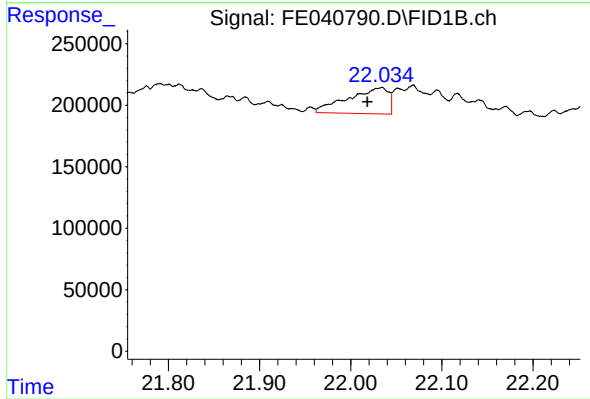
#20 n-Hexatriacontane (C36)

R.T.: 20.399 min
Delta R.T.: 0.006 min
Response: 151311
Conc: 1.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.000 min
Response: 77181
Conc: 0.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.034 min
Delta R.T.: 0.016 min
Response: 658760
Conc: 4.26 ug/ml