

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031623AL\
 Data File : FE040847.D
 Signal(s) : FID1B.ch
 Acq On : 16 Mar 2023 22:52
 Operator : YP\AJ
 Sample : 01939-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 03:07:38 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)	11.883	22197123	118.821 ug/ml
Spiked Amount 50.000		Recovery =	237.64%
12) S 1-chlorooctadecane (S...	13.321	16435545	111.048 ug/ml
Spiked Amount 50.000		Recovery =	222.10%
Target Compounds			
5) T A~2-methylnaphthalene...	7.326	117337	0.775 ug/ml
6) T n-Tetradecane (C14)	8.511	443483	2.869 ug/ml
7) T n-Hexadecane (C16)	10.124	4507292	27.905 ug/ml
8) T n-Octadecane (C18)	11.565	5752797	33.881 ug/ml
10) T n-Eicosane (C20)	12.878	8994915	53.171 ug/ml
11) T n-Heneicosane (C21)	13.489	4588904	26.779 ug/ml
13) T n-Docosane (C22)	14.070	4299226	25.096 ug/ml
14) T n-Tetracosane (C24)	15.175	1336492	7.753 ug/ml
15) T n-Hexacosane (C26)	16.194	371528	2.186 ug/ml
16) T n-Octacosane (C28)	17.164	1004973	5.993 ug/ml
17) T n-Tricontane (C30)	18.036	1050246	6.432 ug/ml
18) T n-Dotriacontane (C32)	18.861	448278	2.619 ug/ml
19) T n-Tetratriacontane (C34)	19.624	151157	0.978 ug/ml
20) T n-Hexatriacontane (C36)	20.386	111646	0.768 ug/ml
21) T n-Octatriacontane (C38)	21.122	127764	0.929 ug/ml
22) T n-Tetracontane (C40)	22.018	978730	6.334 ug/ml

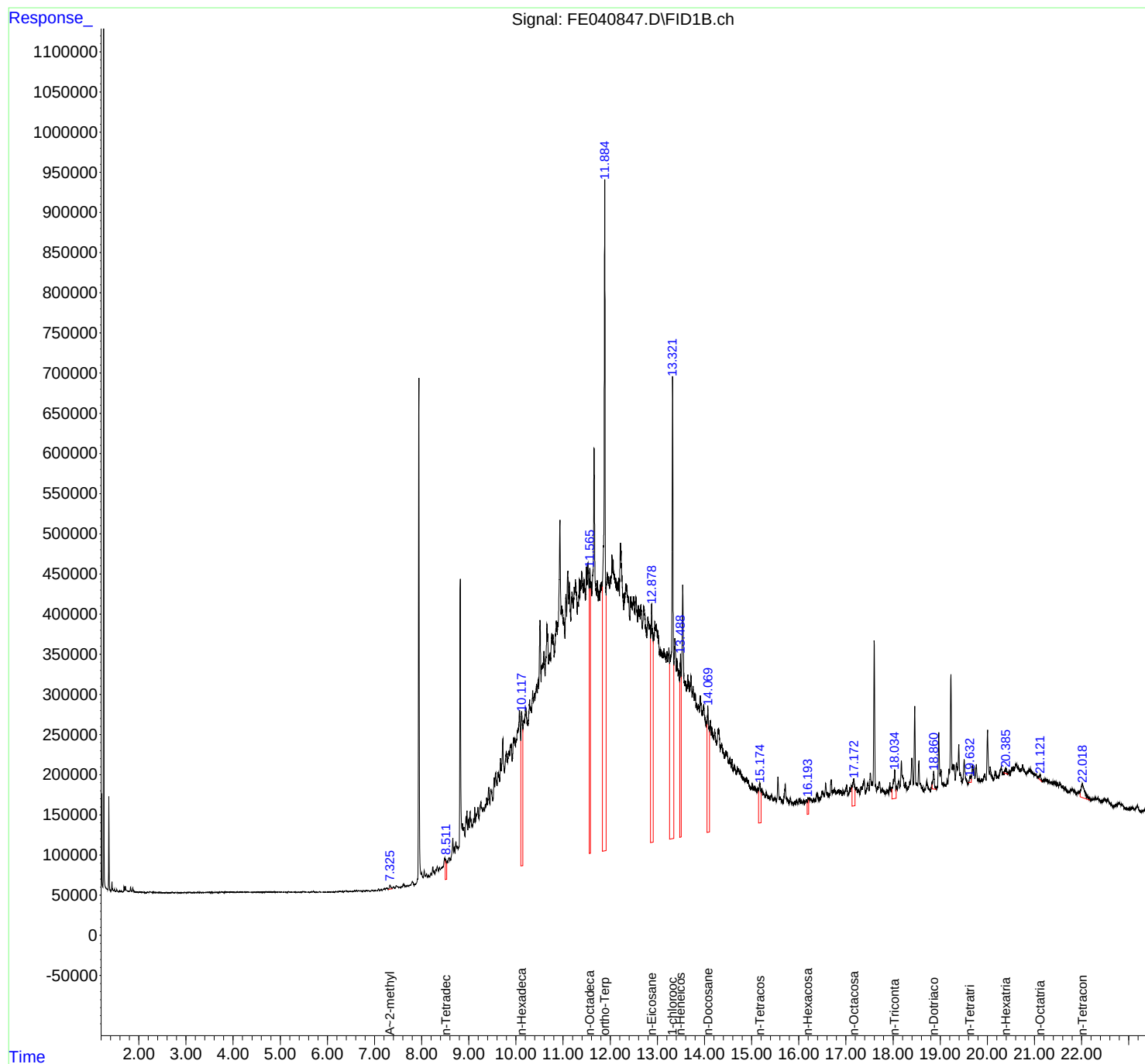
(f)=RT Delta > 1/2 Window

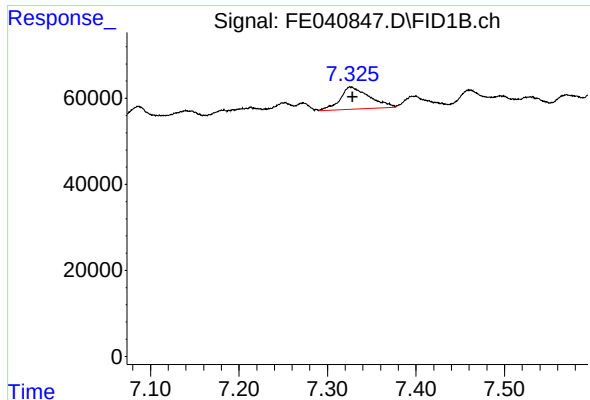
(m)=manual int.

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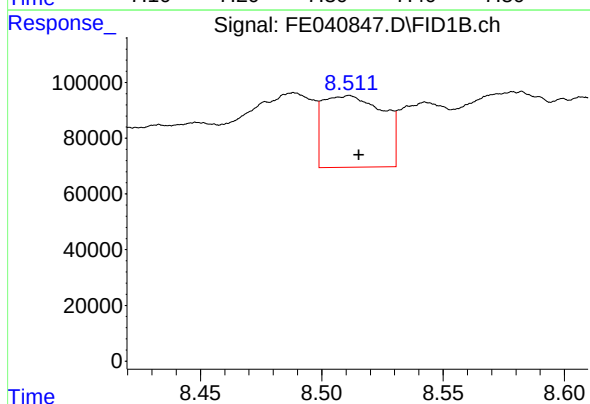
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





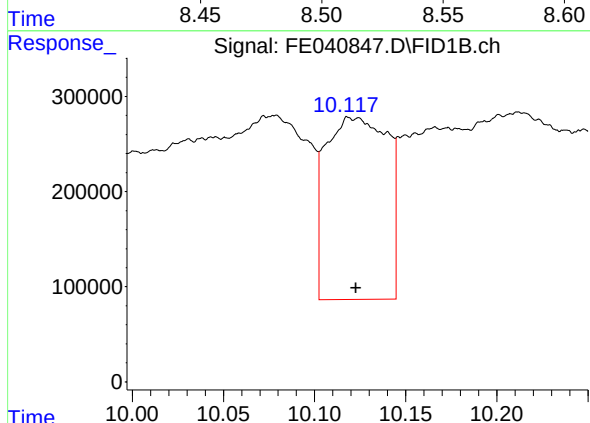
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 117337
Conc: 0.78 ug/ml



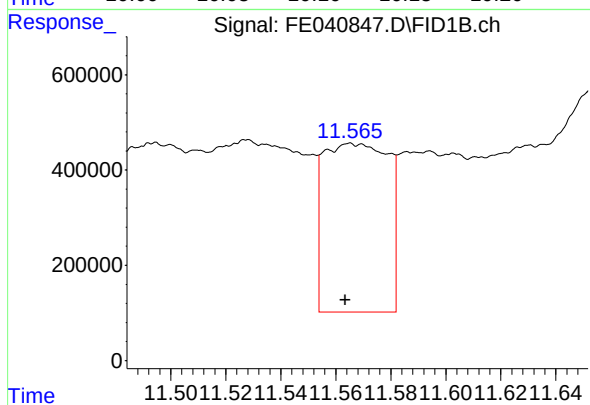
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: -0.004 min
Response: 443483
Conc: 2.87 ug/ml



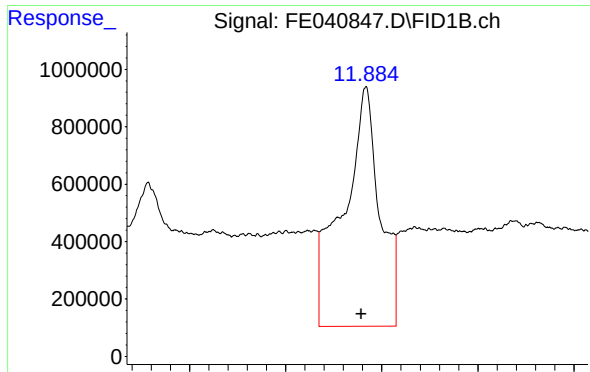
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: 0.001 min
Response: 4507292
Conc: 27.91 ug/ml



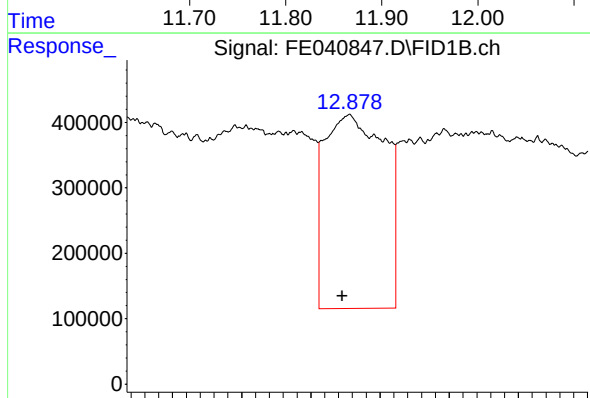
#8 n-Octadecane (C18)

R.T.: 11.565 min
Delta R.T.: 0.002 min
Response: 5752797
Conc: 33.88 ug/ml



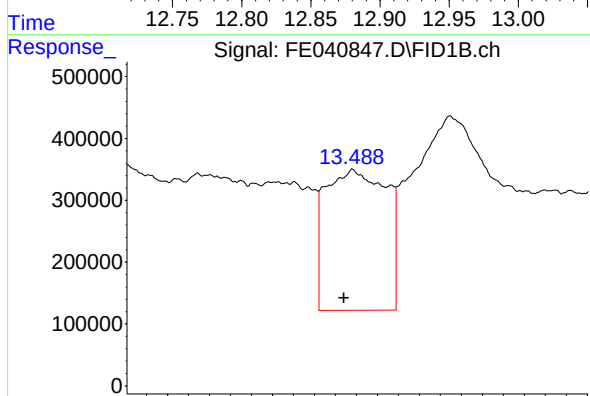
#9 ortho-Terphenyl (SURR)

R.T.: 11.883 min
Delta R.T.: 0.005 min
Response: 22197123
Conc: 118.82 ug/ml



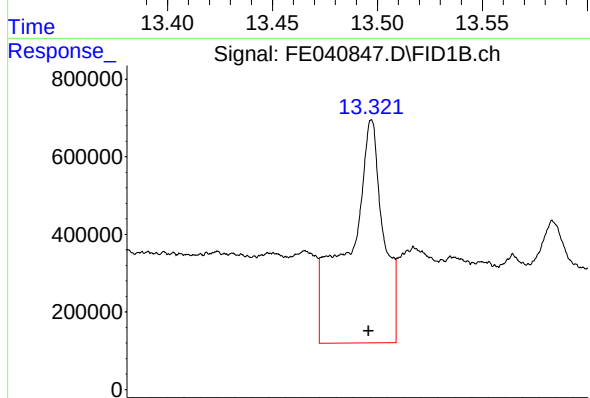
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: 0.005 min
Response: 8994915
Conc: 53.17 ug/ml



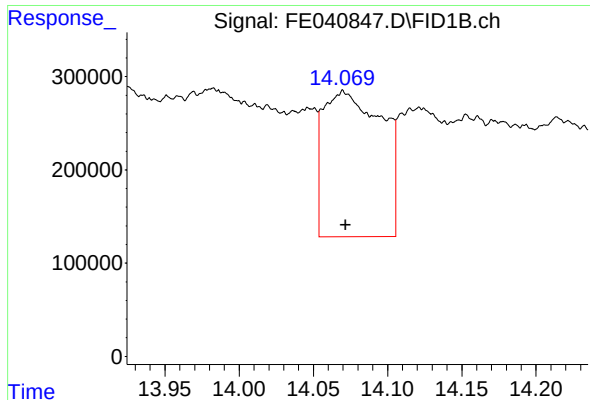
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.004 min
Response: 4588904
Conc: 26.78 ug/ml



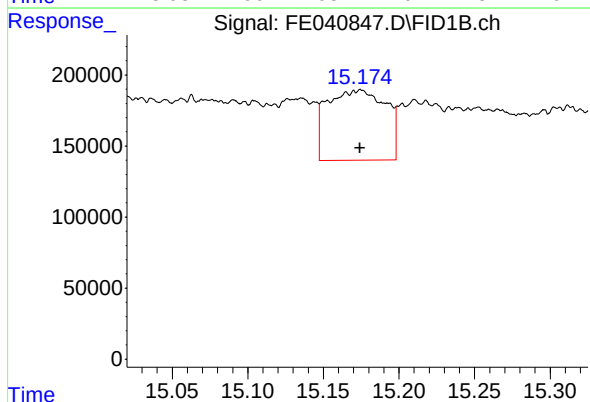
#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: 0.003 min
Response: 16435545
Conc: 111.05 ug/ml



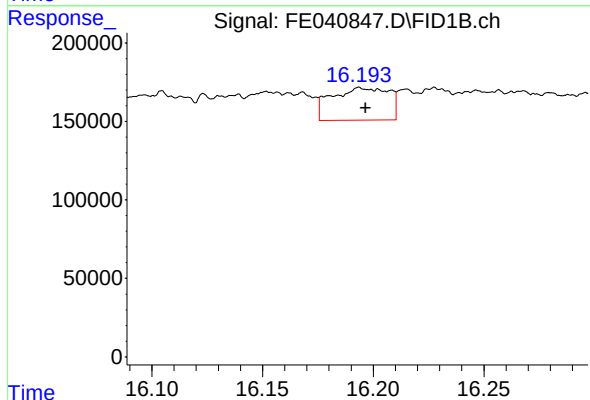
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: -0.002 min
Response: 4299226
Conc: 25.10 ug/ml



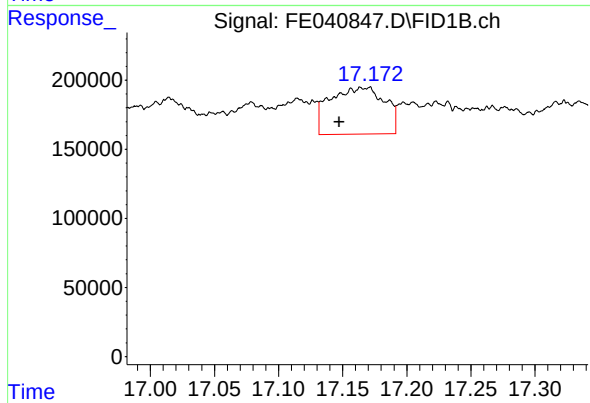
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: 0.000 min
Response: 1336492
Conc: 7.75 ug/ml



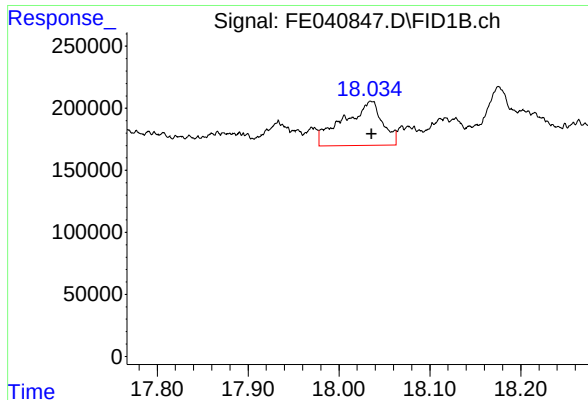
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 371528
Conc: 2.19 ug/ml



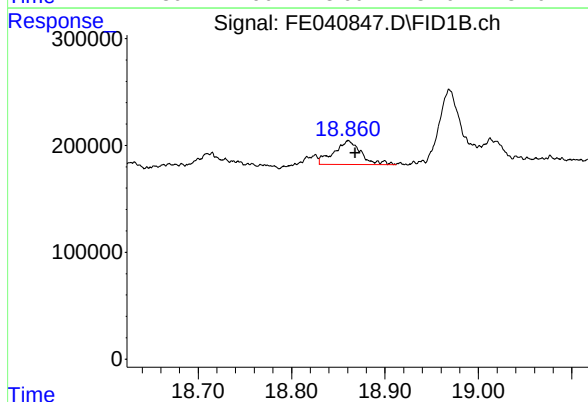
#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: 0.017 min
Response: 1004973
Conc: 5.99 ug/ml



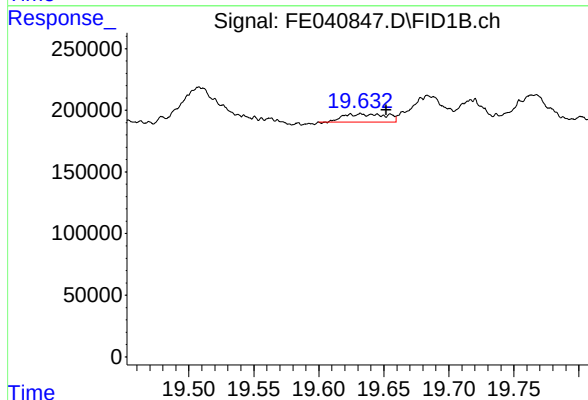
#17 n-Tricontane (C30)

R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 1050246
Conc: 6.43 ug/ml



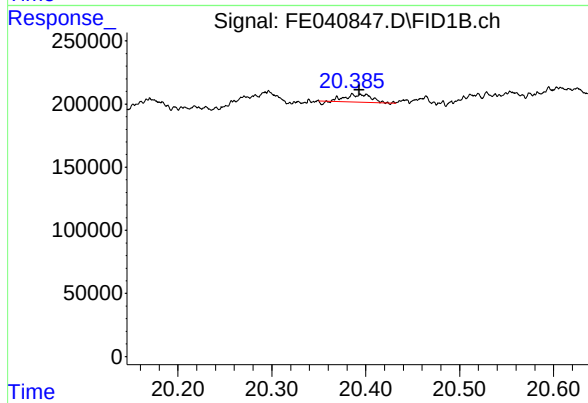
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: -0.007 min
Response: 448278
Conc: 2.62 ug/ml



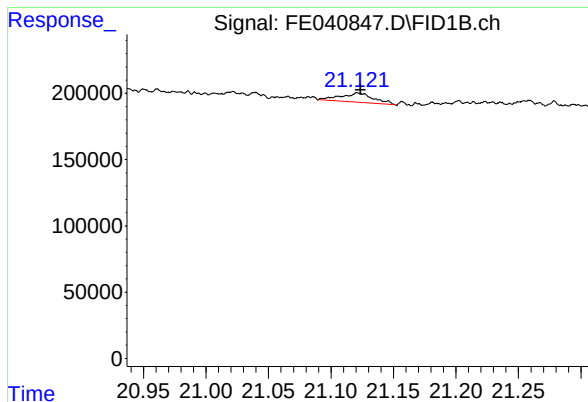
#19 n-Tetatriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.028 min
Response: 151157
Conc: 0.98 ug/ml



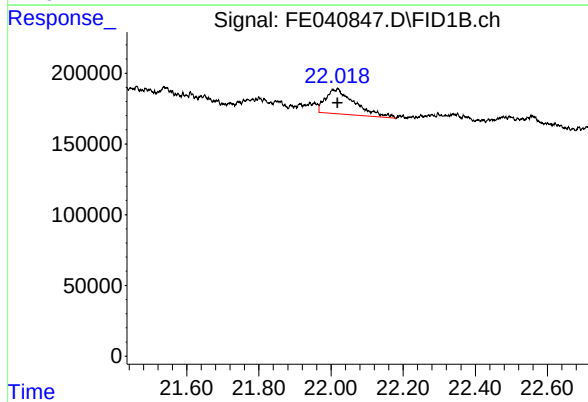
#20 n-Hexatriacontane (C36)

R.T.: 20.386 min
Delta R.T.: -0.007 min
Response: 111646
Conc: 0.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.002 min
Response: 127764
Conc: 0.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.000 min
Response: 978730
Conc: 6.33 ug/ml