

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102623AL\
 Data File : FE045051.D
 Signal(s) : FID1B.ch
 Acq On : 26 Oct 2023 22:14
 Operator : YP\AJ
 Sample : 05078-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 01:15:46 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)	11.932	177541	0.886 ug/ml
Spiked Amount 50.000		Recovery =	1.77%
12) S 1-chlorooctadecane (S...	13.340	4482128	30.288 ug/ml
Spiked Amount 50.000		Recovery =	60.58%
Target Compounds			
2) T n-Decane (C10)	4.531	240331	1.411 ug/ml
3) T A~Naphthalene (C11.7)	6.259	178925	0.967 ug/ml
4) T n-Dodecane (C12)	6.698	1000910	5.798 ug/ml
5) T A~2-methylnaphthalene...	7.330	603287	3.344 ug/ml
6) T n-Tetradecane (C14)	8.527	1659885	9.680 ug/ml
7) T n-Hexadecane (C16)	10.136	1213740	6.941 ug/ml
8) T n-Octadecane (C18)	11.581	635790	3.645 ug/ml
10) T n-Eicosane (C20)	12.893	451064	2.700 ug/ml
11) T n-Heneicosane (C21)	13.511	457563	2.807 ug/ml
13) T n-Docosane (C22)	14.093	380800	2.381 ug/ml
14) T n-Tetracosane (C24)	15.197	132829	0.856 ug/ml
15) T n-Hexacosane (C26)	16.224	179304	1.194 ug/ml
16) T n-Octacosane (C28)	17.176	368634	2.510 ug/ml
17) T n-Tricontane (C30)	18.062	694453	4.669 ug/ml
18) T n-Dotriacontane (C32)	18.894	1187635	7.913 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2642620	17.752 ug/ml
20) T n-Hexatriacontane (C36)	20.434	1844876	12.000 ug/ml
22) T n-Tetracontane (C40)	22.085	431621	2.583 ug/ml

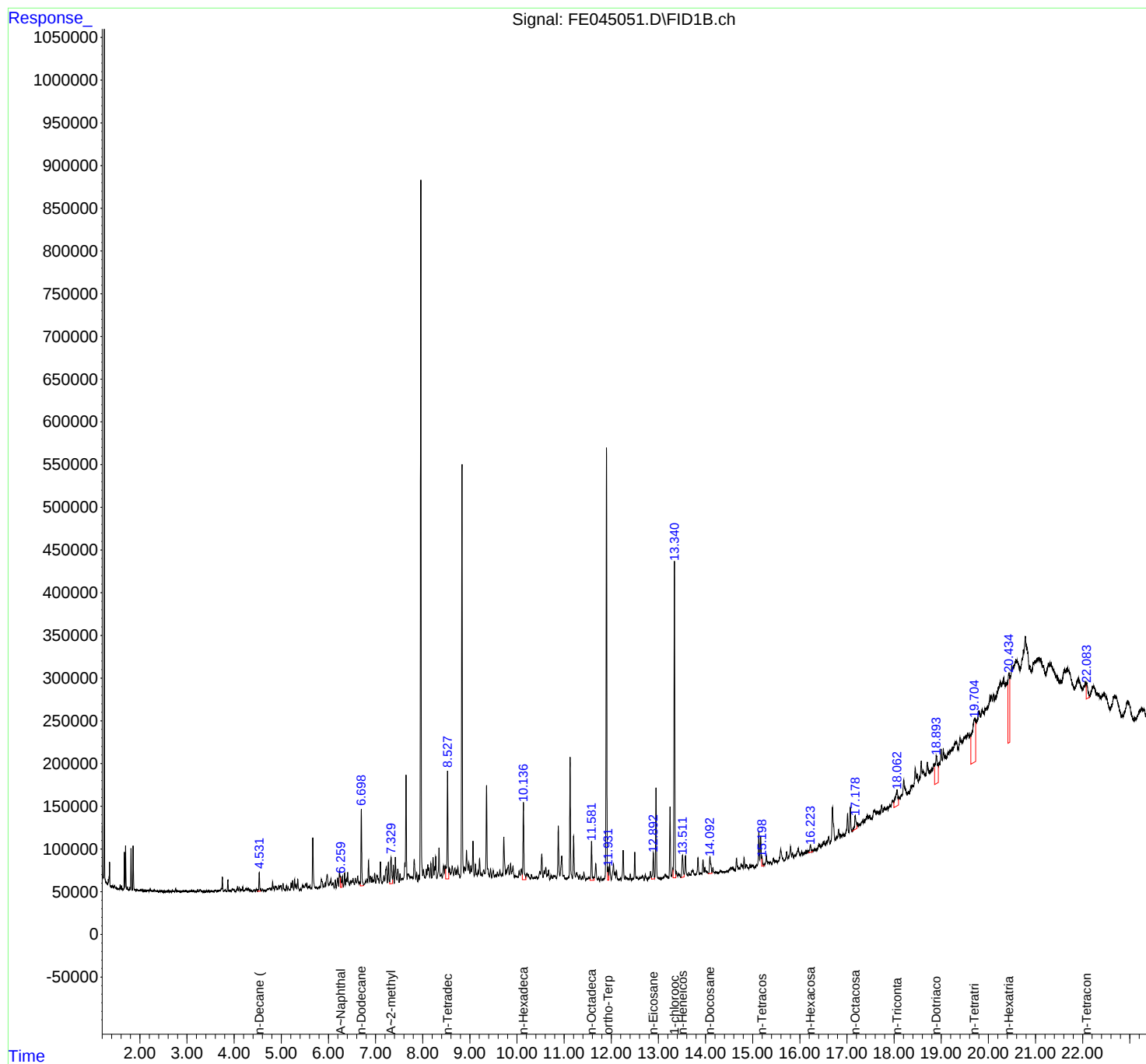
(f)=RT Delta > 1/2 Window

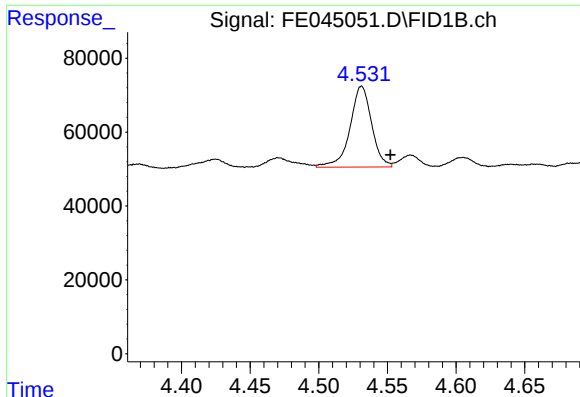
(m)=manual int.

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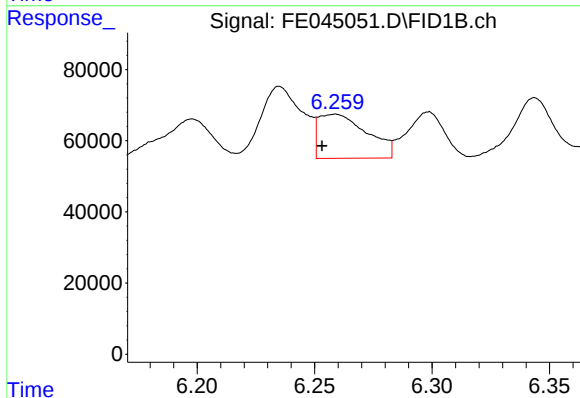
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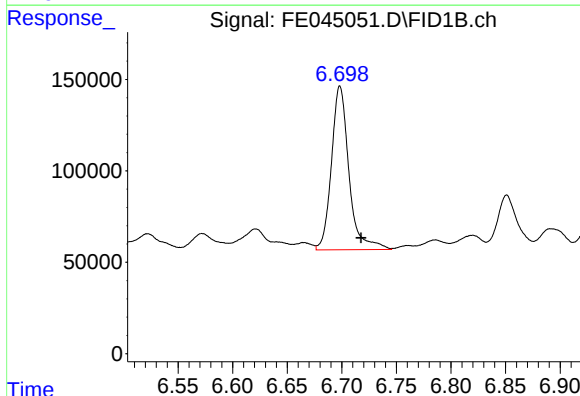
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.021 min
Response: 240331
Conc: 1.41 ug/ml



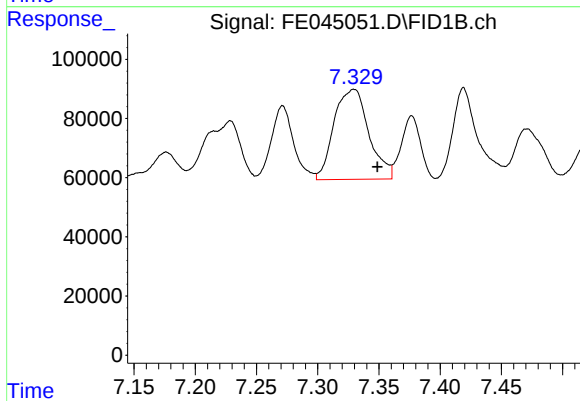
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: 0.006 min
Response: 178925
Conc: 0.97 ug/ml



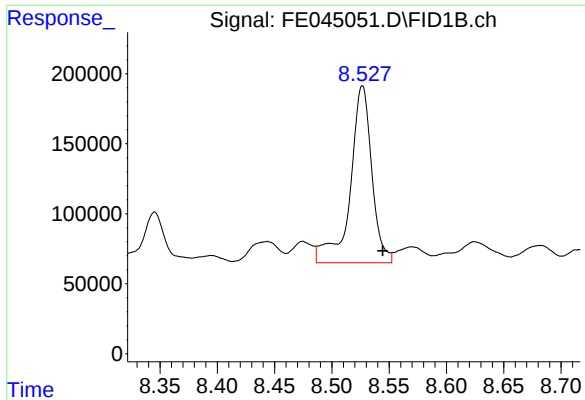
#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.019 min
Response: 1000910
Conc: 5.80 ug/ml



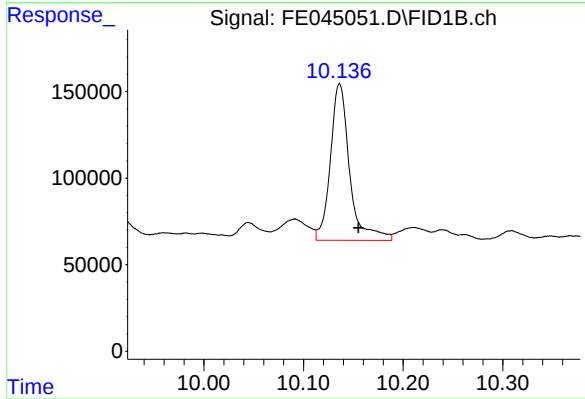
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.019 min
Response: 603287
Conc: 3.34 ug/ml



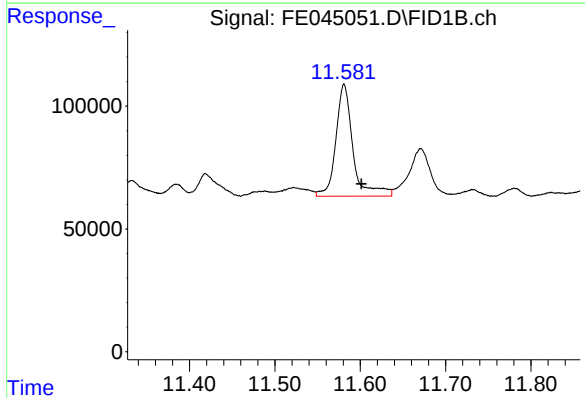
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.018 min
Response: 1659885
Conc: 9.68 ug/ml



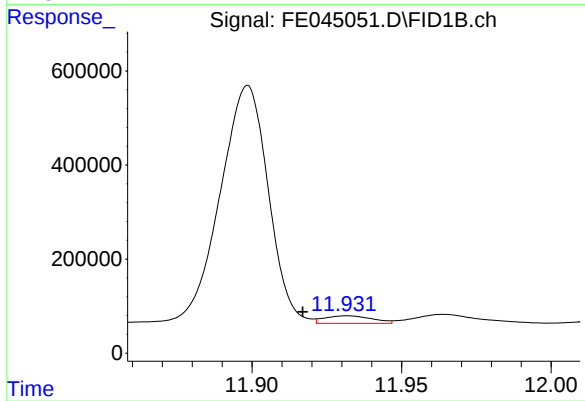
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.019 min
Response: 1213740
Conc: 6.94 ug/ml



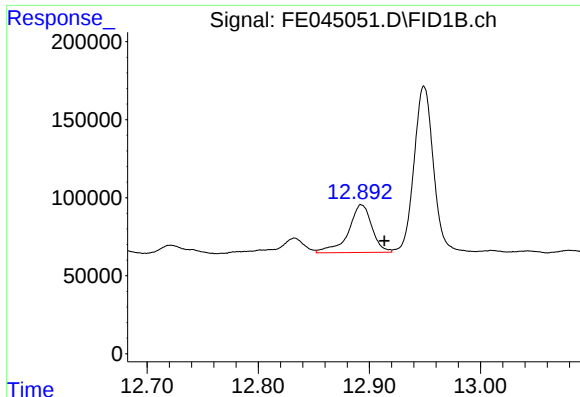
#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: -0.020 min
Response: 635790
Conc: 3.65 ug/ml



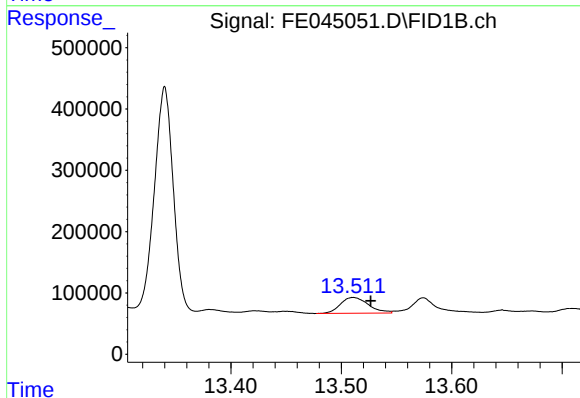
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: 0.015 min
Response: 177541
Conc: 0.89 ug/ml



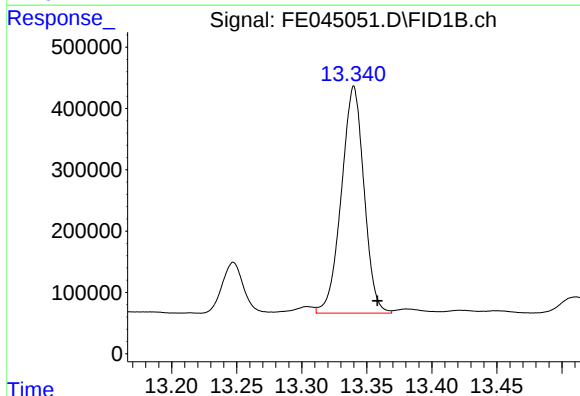
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.021 min
Response: 451064
Conc: 2.70 ug/ml



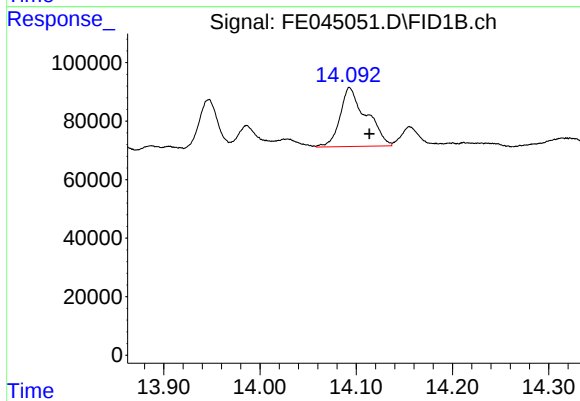
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.016 min
Response: 457563
Conc: 2.81 ug/ml



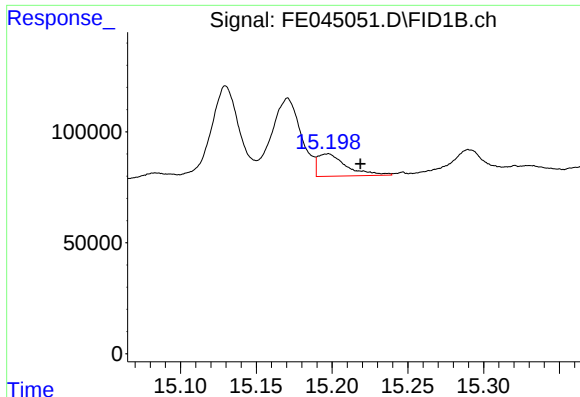
#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: -0.018 min
Response: 4482128
Conc: 30.29 ug/ml



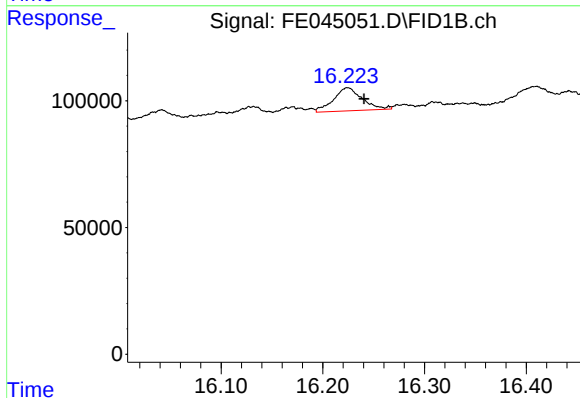
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.021 min
Response: 380800
Conc: 2.38 ug/ml



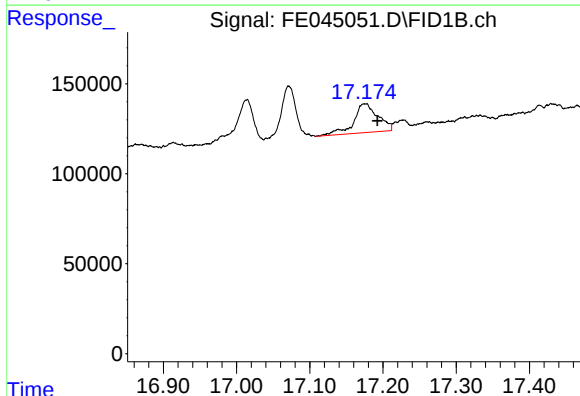
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.022 min
Response: 132829
Conc: 0.86 ug/ml



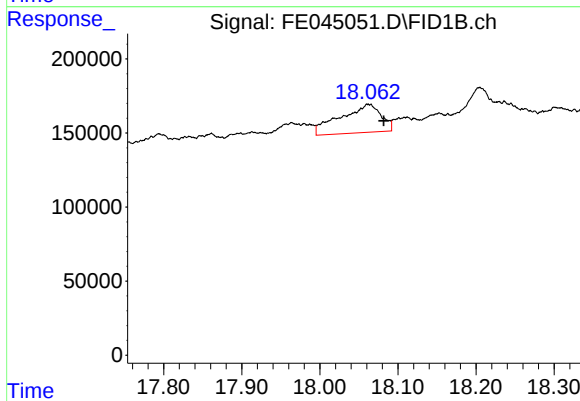
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.016 min
Response: 179304
Conc: 1.19 ug/ml



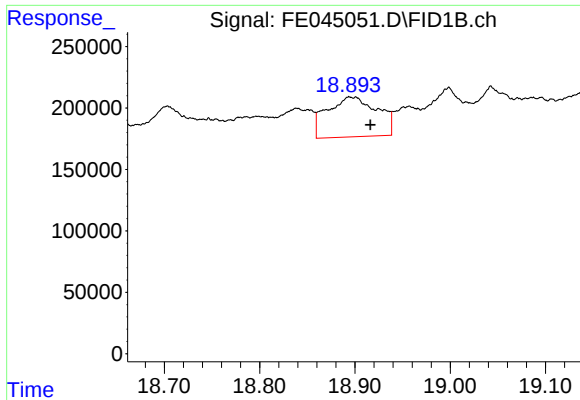
#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.016 min
Response: 368634
Conc: 2.51 ug/ml



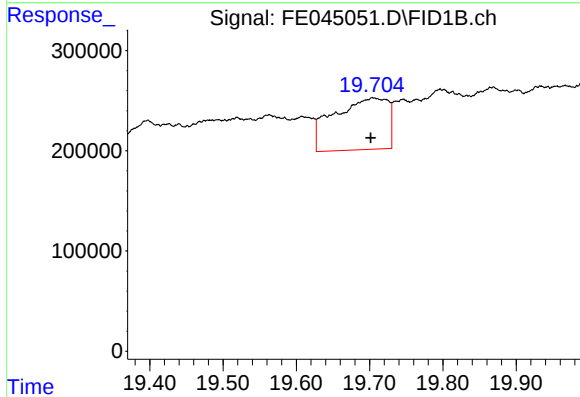
#17 n-Tricontane (C30)

R.T.: 18.062 min
Delta R.T.: -0.020 min
Response: 694453
Conc: 4.67 ug/ml



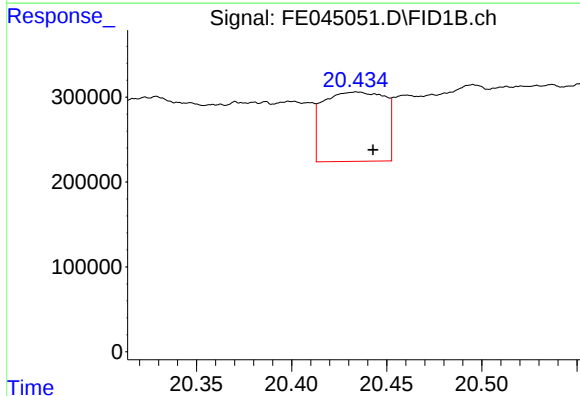
#18 n-Dotriacontane (C32)

R.T.: 18.894 min
Delta R.T.: -0.022 min
Response: 1187635
Conc: 7.91 ug/ml



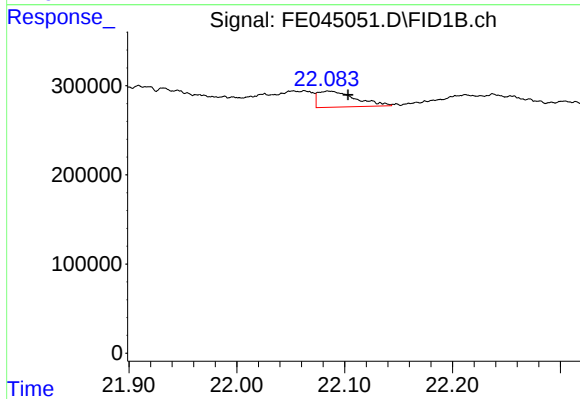
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.003 min
Response: 2642620
Conc: 17.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.009 min
Response: 1844876
Conc: 12.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.085 min
Delta R.T.: -0.018 min
Response: 431621
Conc: 2.58 ug/ml