

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102723AL\
 Data File : FE045069.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2023 17:51
 Operator : YP\AJ
 Sample : 05083-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 00:45:03 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)	11.933	45409	0.227 ug/ml
Spiked Amount 50.000		Recovery =	0.45%
12) S 1-chlorooctadecane (S...	13.338	26069107	176.160 ug/ml
Spiked Amount 50.000		Recovery =	352.32%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.233	242572	1.310 ug/ml
4) T n-Dodecane (C12)	6.697	216567	1.255 ug/ml
5) T A~2-methylnaphthalene...	7.331	247114	1.370 ug/ml
6) T n-Tetradecane (C14)	8.525	592265	3.454 ug/ml
7) T n-Hexadecane (C16)	10.134	718722	4.110 ug/ml
8) T n-Octadecane (C18)	11.580	659550	3.782 ug/ml
10) T n-Eicosane (C20)	12.893	561396	3.361 ug/ml
11) T n-Heneicosane (C21)	13.510	820608	5.034 ug/ml
13) T n-Docosane (C22)	14.126	229501	1.435 ug/ml
14) T n-Tetracosane (C24)	15.203	3289029	21.193 ug/ml
15) T n-Hexacosane (C26)	16.227	1936918	12.901 ug/ml
16) T n-Octacosane (C28)	17.180	5955810	40.559 ug/ml
17) T n-Tricontane (C30)	18.072	7285239	48.983 ug/ml
18) T n-Dotriacontane (C32)	18.914	7333948	48.862 ug/ml
19) T n-Tetratriacontane (C34)	19.714	7102448	47.711 ug/ml
20) T n-Hexatriacontane (C36)	20.433	3675866	23.910 ug/ml
21) T n-Octatriacontane (C38)	21.179	1477150	9.456 ug/ml
22) T n-Tetracontane (C40)	22.094	431881	2.584 ug/ml

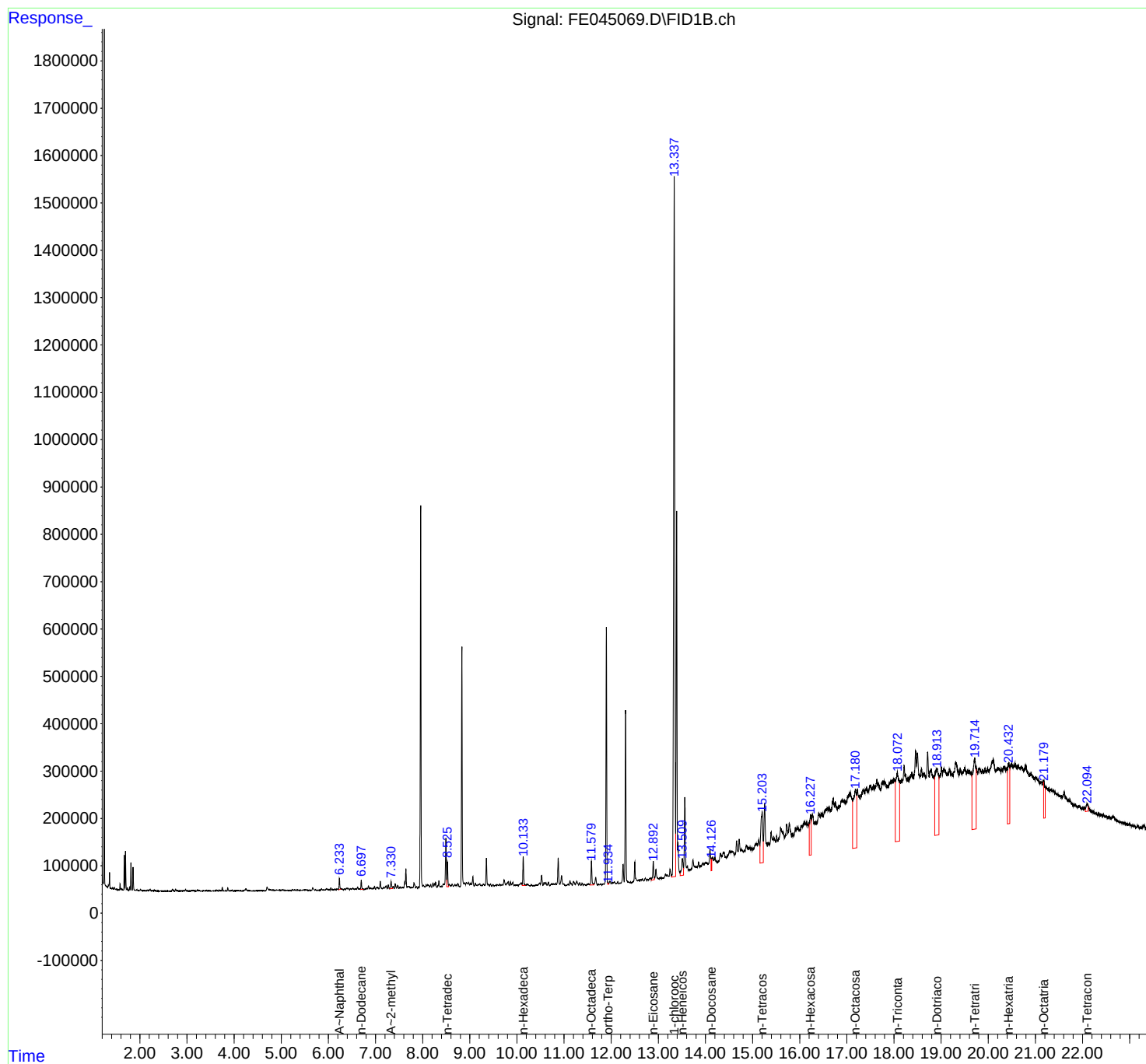
(f)=RT Delta > 1/2 Window

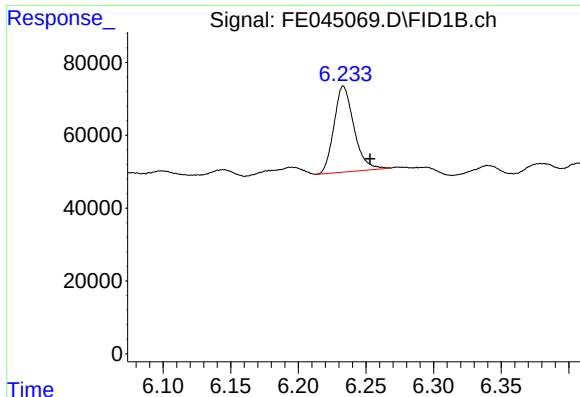
(m)=manual int.

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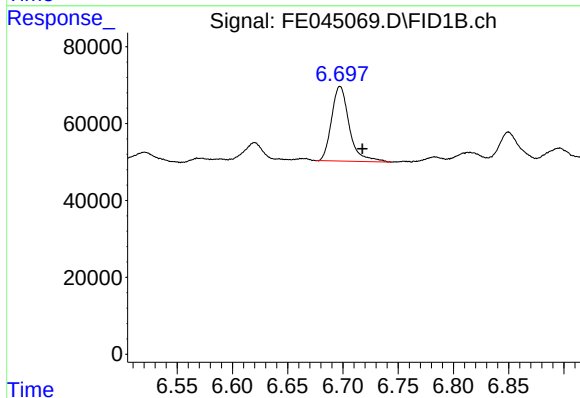
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





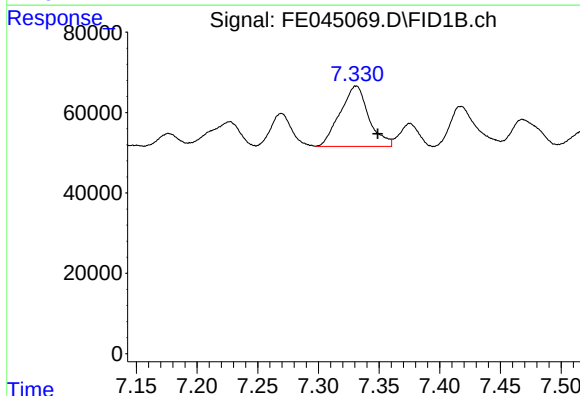
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.020 min
Response: 242572
Conc: 1.31 ug/ml



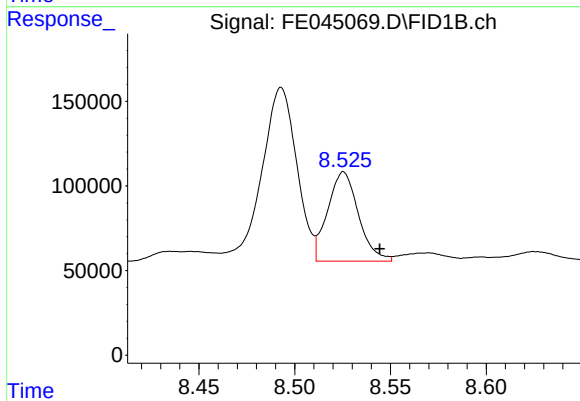
#4 n-Dodecane (C12)

R.T.: 6.697 min
Delta R.T.: -0.020 min
Response: 216567
Conc: 1.25 ug/ml



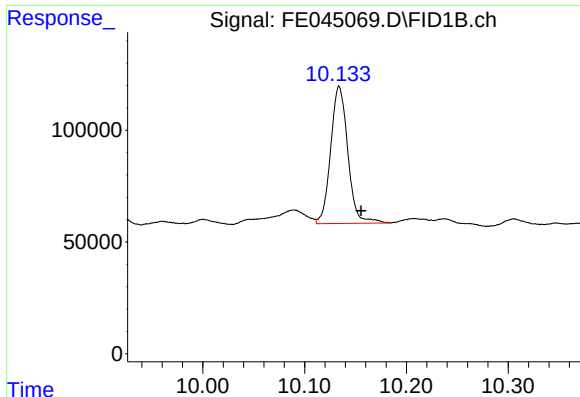
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.018 min
Response: 247114
Conc: 1.37 ug/ml



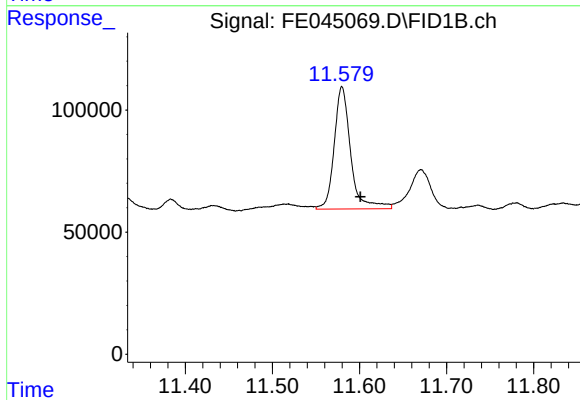
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.019 min
Response: 592265
Conc: 3.45 ug/ml



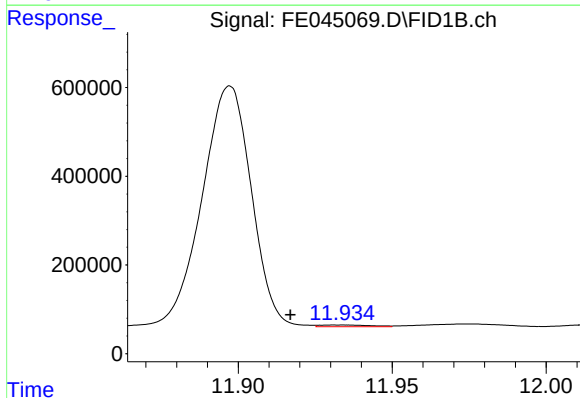
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.021 min
Response: 718722
Conc: 4.11 ug/ml



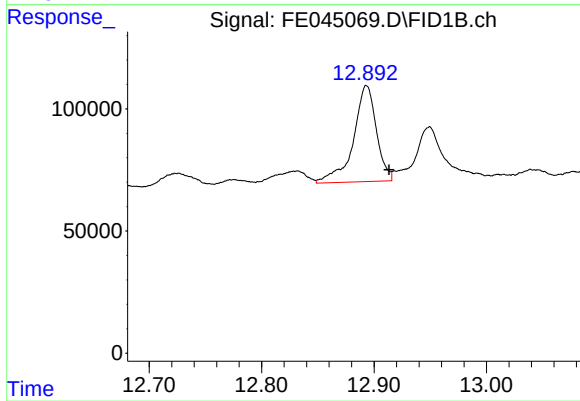
#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: -0.021 min
Response: 659550
Conc: 3.78 ug/ml



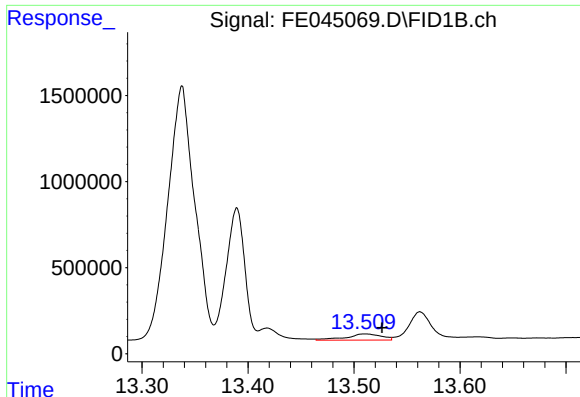
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.016 min
Response: 45409
Conc: 0.23 ug/ml



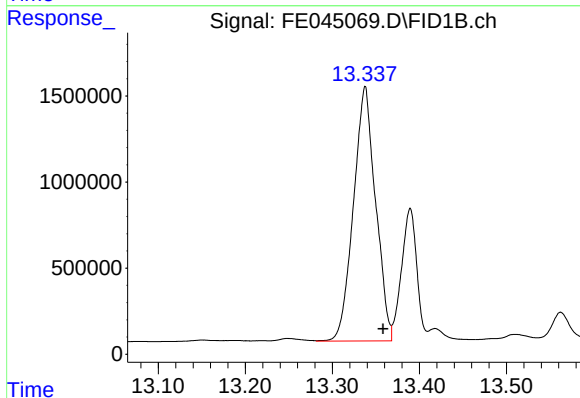
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.020 min
Response: 561396
Conc: 3.36 ug/ml



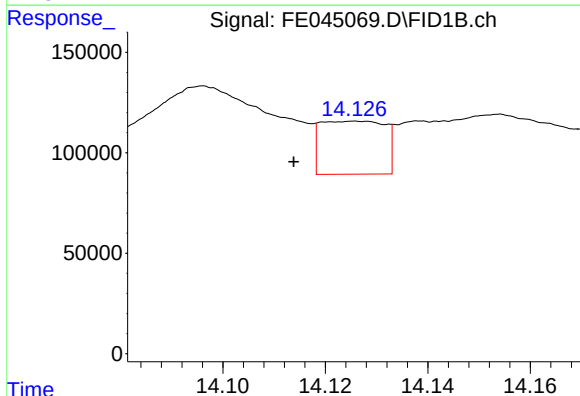
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.016 min
Response: 820608
Conc: 5.03 ug/ml



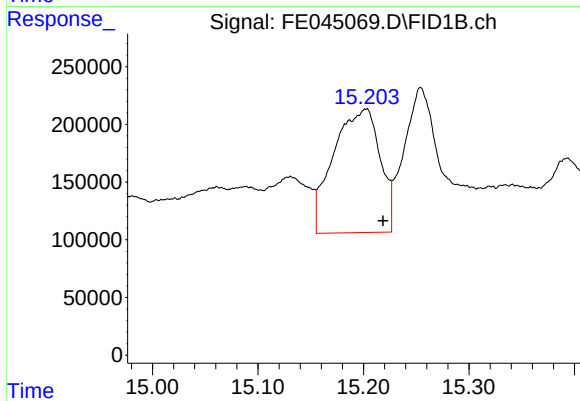
#12 1-chlorooctadecane (SURR)

R.T.: 13.338 min
Delta R.T.: -0.021 min
Response: 26069107
Conc: 176.16 ug/ml



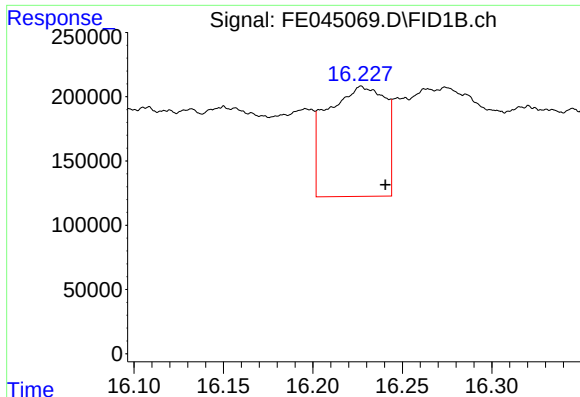
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: 0.012 min
Response: 229501
Conc: 1.43 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.016 min
Response: 3289029
Conc: 21.19 ug/ml



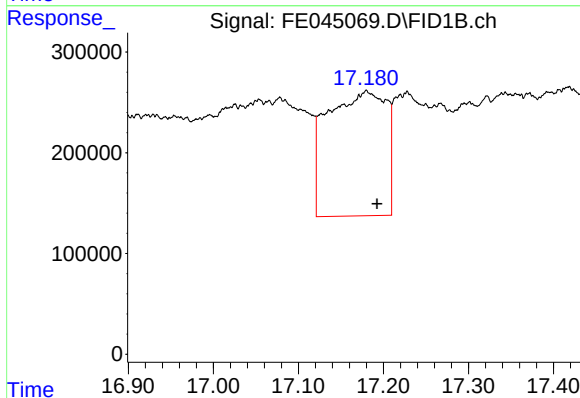
#15 n-Hexacosane (C26)

R.T.: 16.227 min

Delta R.T.: -0.013 min

Response: 1936918

Conc: 12.90 ug/ml



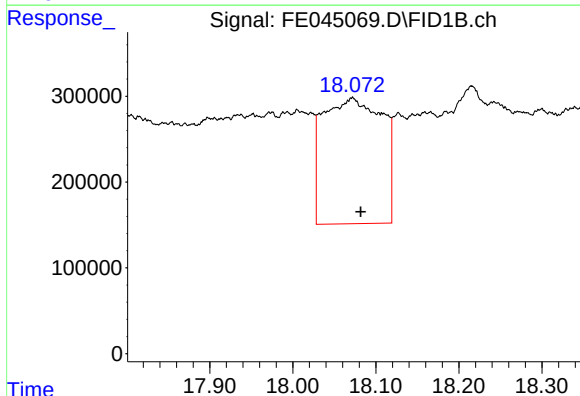
#16 n-Octacosane (C28)

R.T.: 17.180 min

Delta R.T.: -0.013 min

Response: 5955810

Conc: 40.56 ug/ml



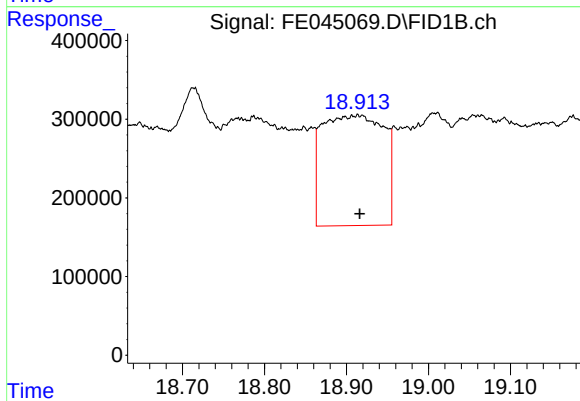
#17 n-Tricontane (C30)

R.T.: 18.072 min

Delta R.T.: -0.010 min

Response: 7285239

Conc: 48.98 ug/ml



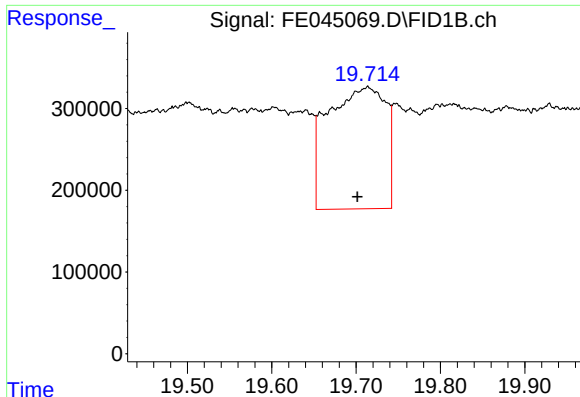
#18 n-Dotriacontane (C32)

R.T.: 18.914 min

Delta R.T.: -0.002 min

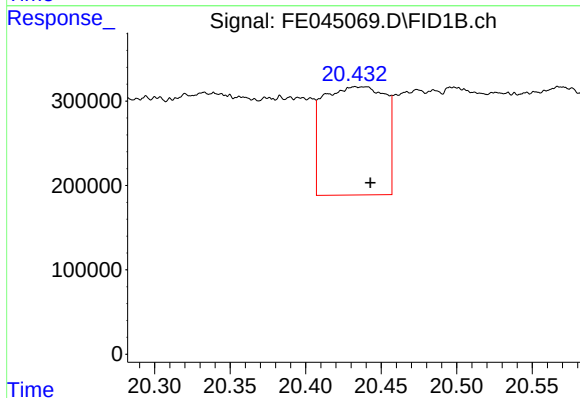
Response: 7333948

Conc: 48.86 ug/ml



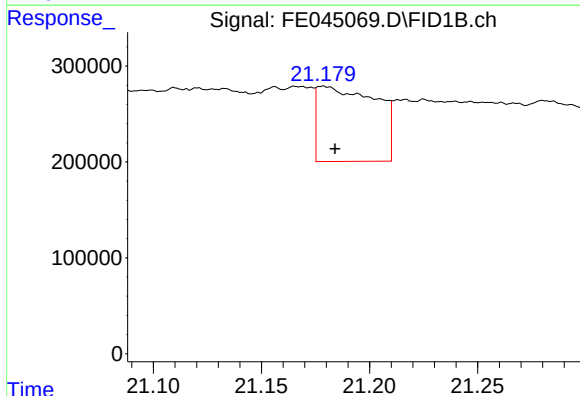
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.012 min
Response: 7102448
Conc: 47.71 ug/ml



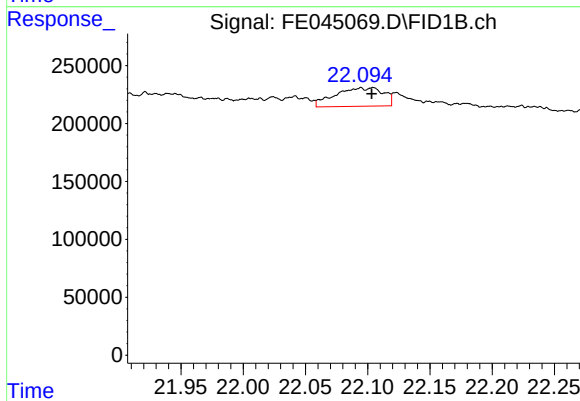
#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.010 min
Response: 3675866
Conc: 23.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.005 min
Response: 1477150
Conc: 9.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.009 min
Response: 431881
Conc: 2.58 ug/ml