

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080625AL\
 Data File : FE055153.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2025 17:06
 Operator : YP\AJ
 Sample : Q2774-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 01:25:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 2025
 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)	12.086	4783503	33.497 ug/ml
Spiked Amount 50.000		Recovery =	66.99%
12) S 1-chlorooctadecane (S...	13.522	3757104	34.942 ug/ml
Spiked Amount 50.000		Recovery =	69.88%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.402	33476	0.249 ug/ml
6) T n-Tetradecane (C14)	8.695	45279	0.369 ug/ml
7) T n-Hexadecane (C16)	10.329	50078	0.392 ug/ml
8) T n-Octadecane (C18)	11.745	95974	0.736 ug/ml
10) T n-Eicosane (C20)	13.068	97302	0.775 ug/ml
11) T n-Heneicosane (C21)	13.712	180573	1.465 ug/ml
13) T n-Docosane (C22)	14.317	247779	2.029 ug/ml
14) T n-Tetracosane (C24)	15.374	1579112	12.983 ug/ml
15) T n-Hexacosane (C26)	16.403	210650	1.761 ug/ml
16) T n-Octacosane (C28)	17.378	518618	4.372 ug/ml
17) T n-Tricontane (C30)	18.244	328678	2.671 ug/ml
18) T n-Dotriacontane (C32)	19.075	277722	2.276 ug/ml
19) T n-Tetratriacontane (C34)	19.863	24052	0.206 ug/ml
20) T n-Hexatriacontane (C36)	20.586	62008	0.567 ug/ml
21) T n-Octatriacontane (C38)	21.370	53268	0.493 ug/ml
22) T n-Tetracontane (C40)	22.367	53083	0.508 ug/ml

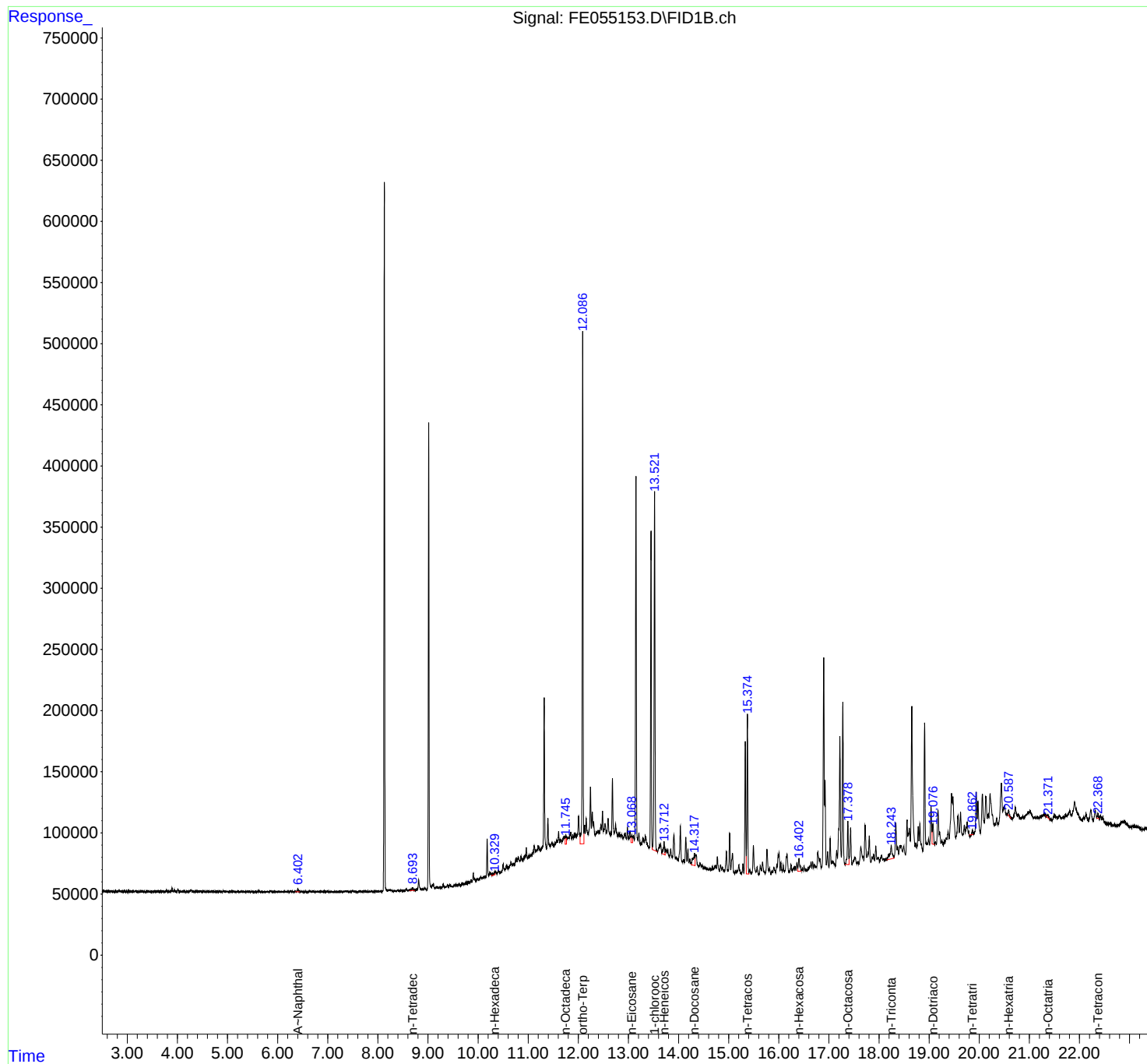
(f)=RT Delta > 1/2 Window

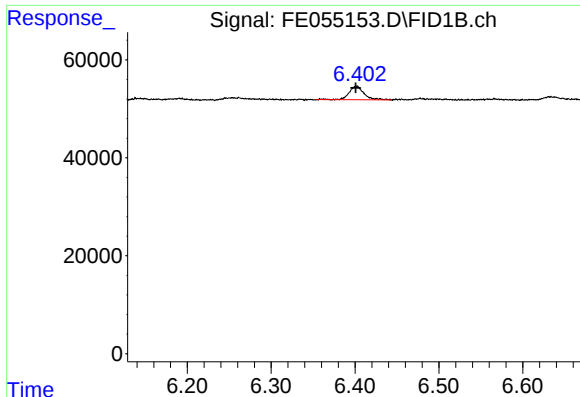
(m)=manual int.

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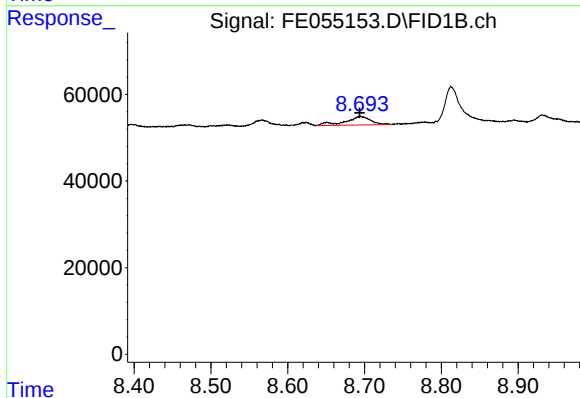
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





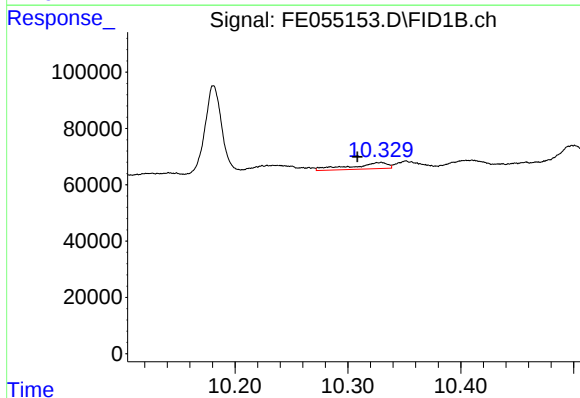
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 33476
Conc: 0.25 ug/ml



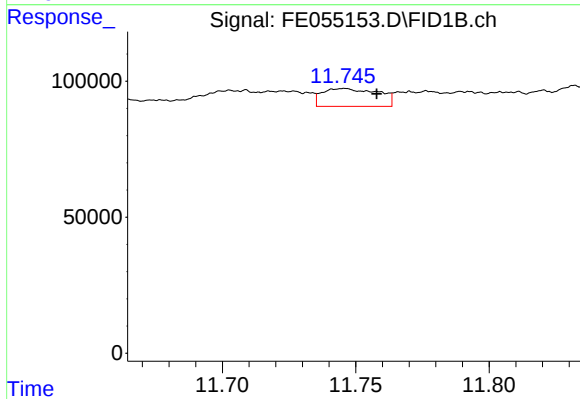
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.001 min
Response: 45279
Conc: 0.37 ug/ml



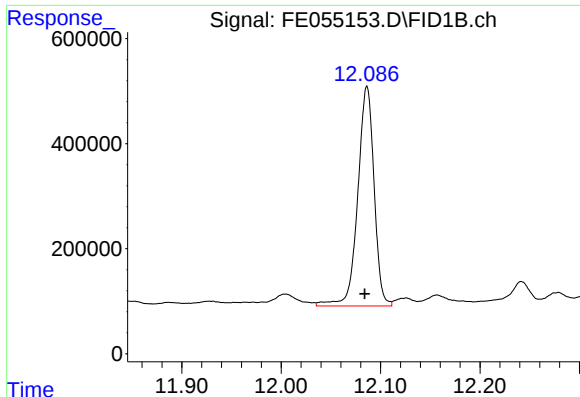
#7 n-Hexadecane (C16)

R.T.: 10.329 min
Delta R.T.: 0.020 min
Response: 50078
Conc: 0.39 ug/ml



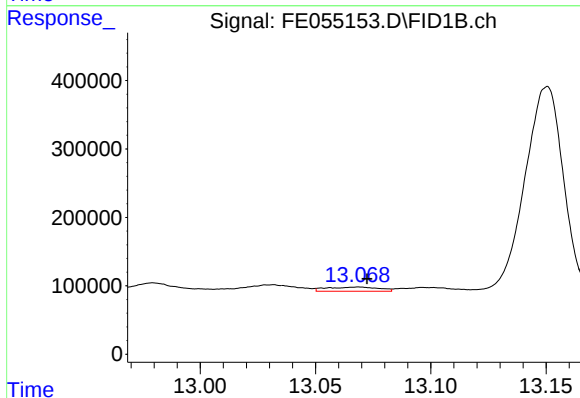
#8 n-Octadecane (C18)

R.T.: 11.745 min
Delta R.T.: -0.013 min
Response: 95974
Conc: 0.74 ug/ml



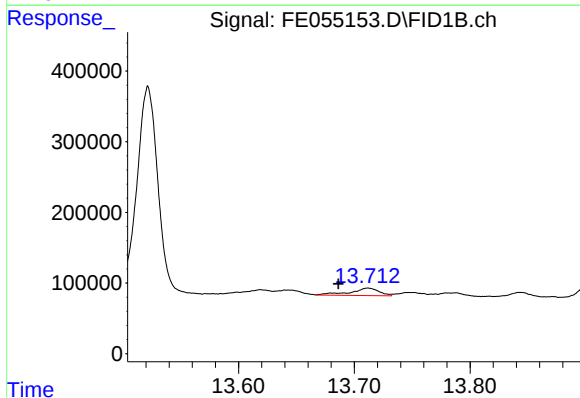
#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 4783503
Conc: 33.50 ug/ml



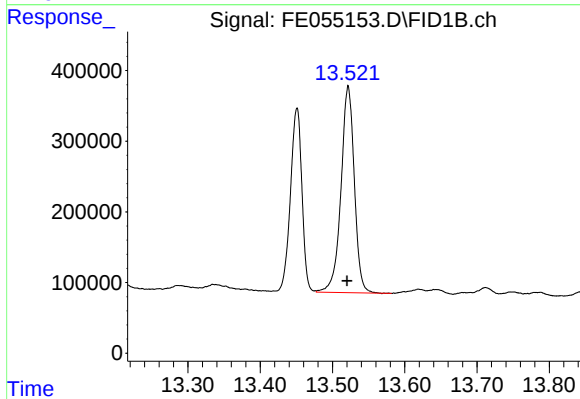
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.004 min
Response: 97302
Conc: 0.78 ug/ml



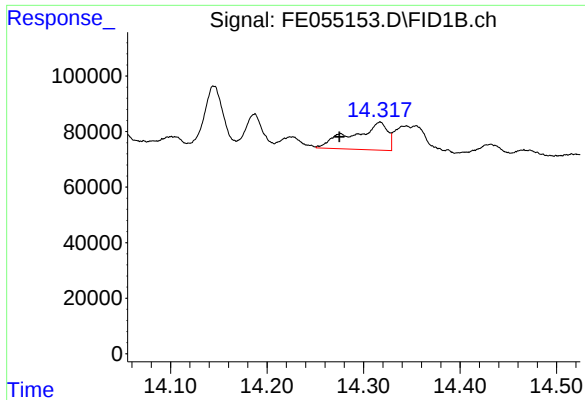
#11 n-Heneicosane (C21)

R.T.: 13.712 min
Delta R.T.: 0.026 min
Response: 180573
Conc: 1.46 ug/ml



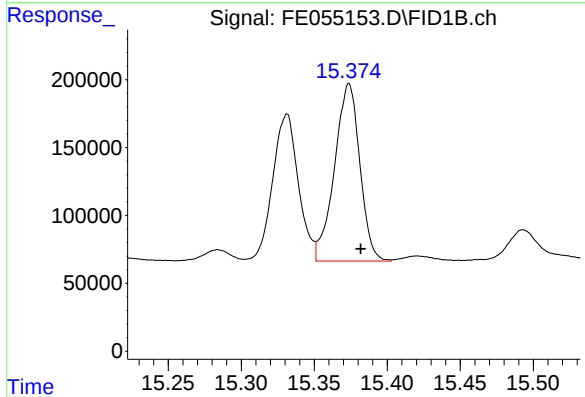
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.001 min
Response: 3757104
Conc: 34.94 ug/ml



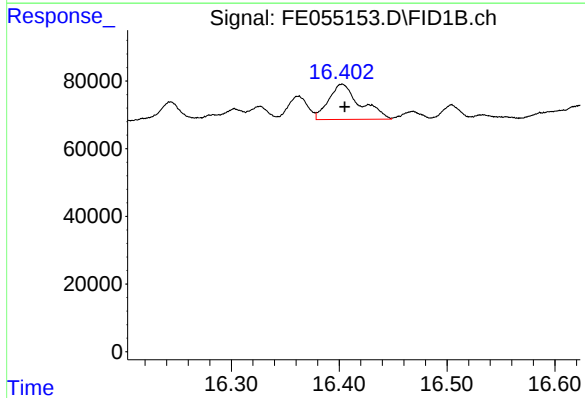
#13 n-Docosane (C22)

R.T.: 14.317 min
Delta R.T.: 0.042 min
Response: 247779
Conc: 2.03 ug/ml



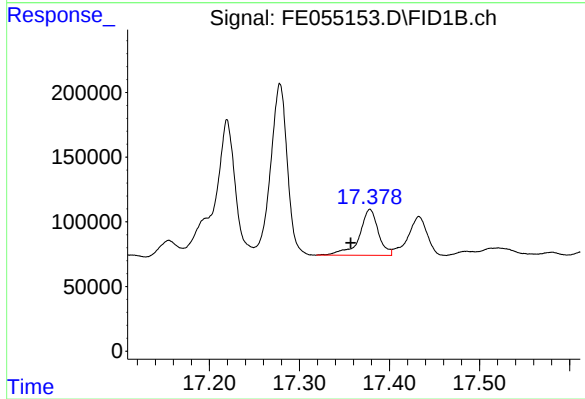
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: -0.008 min
Response: 1579112
Conc: 12.98 ug/ml



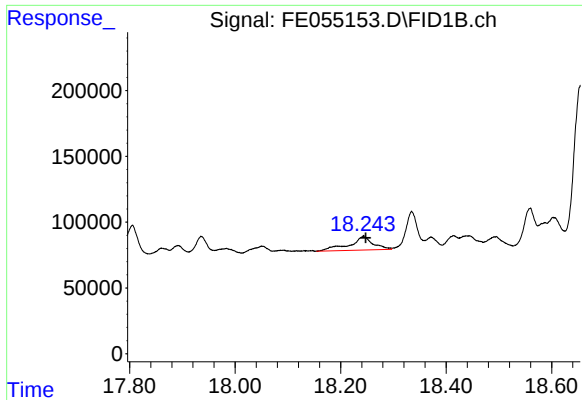
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 210650
Conc: 1.76 ug/ml



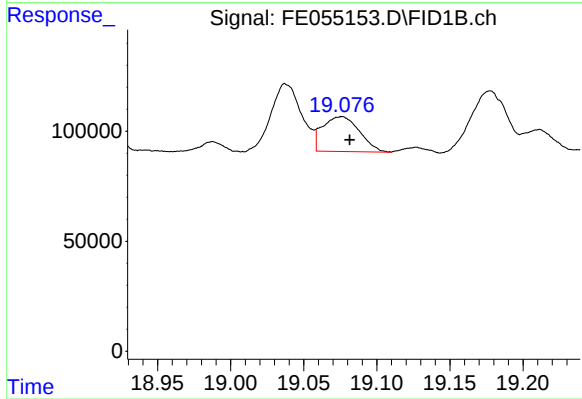
#16 n-Octacosane (C28)

R.T.: 17.378 min
Delta R.T.: 0.021 min
Response: 518618
Conc: 4.37 ug/ml



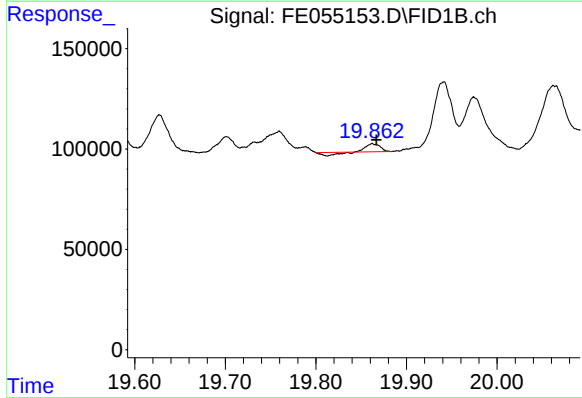
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 328678
Conc: 2.67 ug/ml



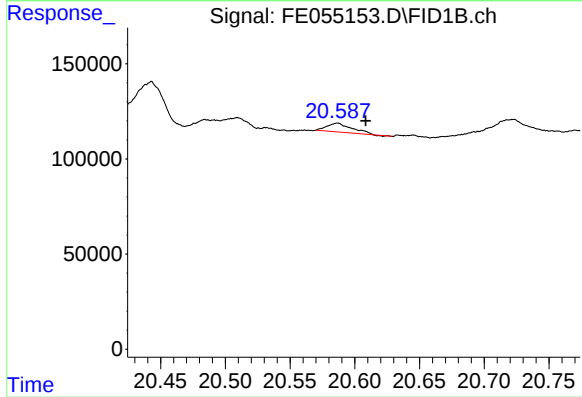
#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: -0.006 min
Response: 277722
Conc: 2.28 ug/ml



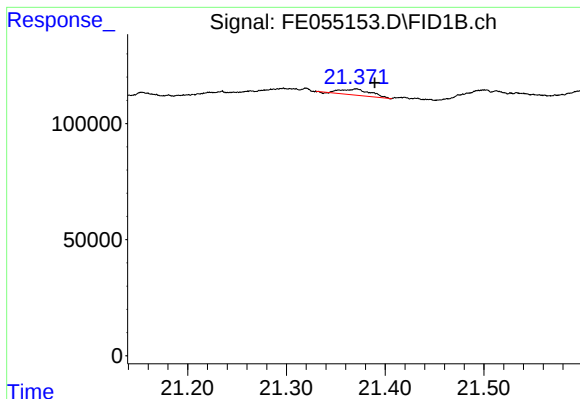
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.004 min
Response: 24052
Conc: 0.21 ug/ml



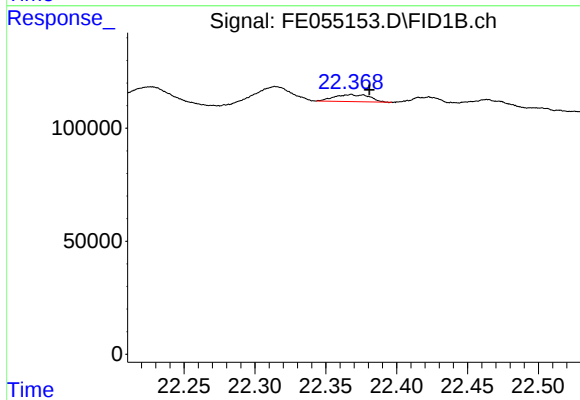
#20 n-Hexatriacontane (C36)

R.T.: 20.586 min
Delta R.T.: -0.022 min
Response: 62008
Conc: 0.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.370 min
Delta R.T.: -0.019 min
Response: 53268
Conc: 0.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.367 min
Delta R.T.: -0.013 min
Response: 53083
Conc: 0.51 ug/ml