

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011723AL\
 Data File : FE039860.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2023 16:42
 Operator : YP\AJ
 Sample : 01167-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 18 00:09:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.922	3931964	25.604 ug/ml
Spiked Amount 50.000		Recovery =	51.21%
12) S 1-chlorooctadecane (S...	13.361	3441566	29.491 ug/ml
Spiked Amount 50.000		Recovery =	58.98%
Target Compounds			
4) T n-Dodecane (C12)	6.726	47566	0.378 ug/ml
6) T n-Tetradecane (C14)	8.553	179339	1.394 ug/ml
7) T n-Hexadecane (C16)	10.161	300052	2.224 ug/ml
8) T n-Octadecane (C18)	11.603	233493	1.666 ug/ml
10) T n-Eicosane (C20)	12.914	394026	2.844 ug/ml
11) T n-Heneicosane (C21)	13.530	484210	3.470 ug/ml
13) T n-Docosane (C22)	14.113	331024	2.385 ug/ml
14) T n-Tetracosane (C24)	15.206	860051	6.247 ug/ml
15) T n-Hexacosane (C26)	16.240	717415	5.375 ug/ml
16) T n-Octacosane (C28)	17.193	1161309	8.921 ug/ml
17) T n-Tricontane (C30)	18.083	1330955	10.437 ug/ml
18) T n-Dotriacontane (C32)	18.916	1383060	10.940 ug/ml
19) T n-Tetratriacontane (C34)	19.700	890389	7.206 ug/ml
20) T n-Hexatriacontane (C36)	20.442	1482070	12.571 ug/ml
21) T n-Octatriacontane (C38)	21.184	953940	7.982 ug/ml
22) T n-Tetracontane (C40)	22.080	261435	2.154 ug/ml

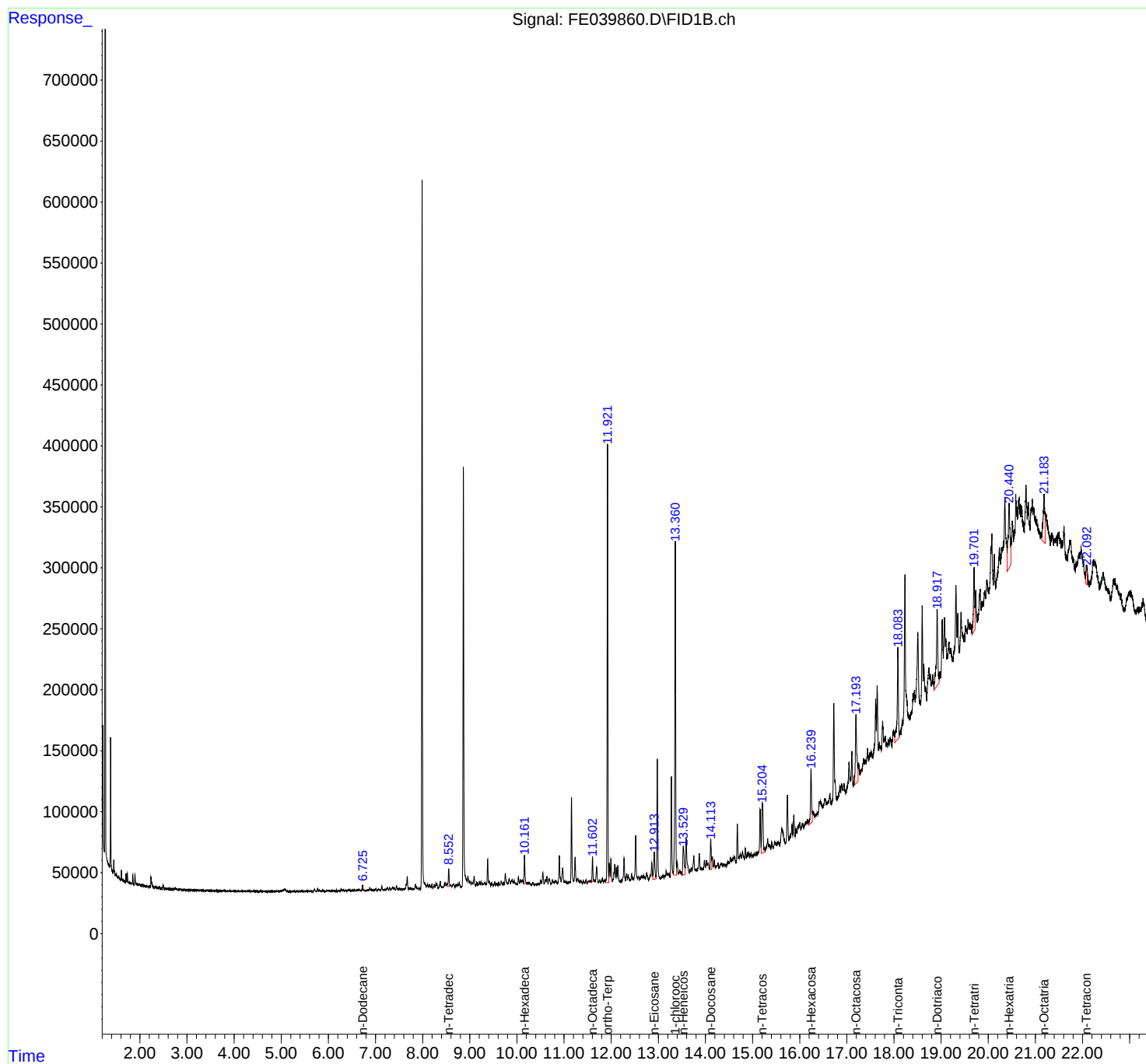
(f)=RT Delta > 1/2 Window

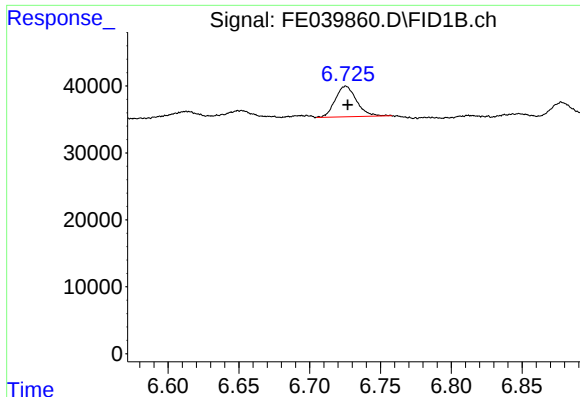
(m)=manual int.

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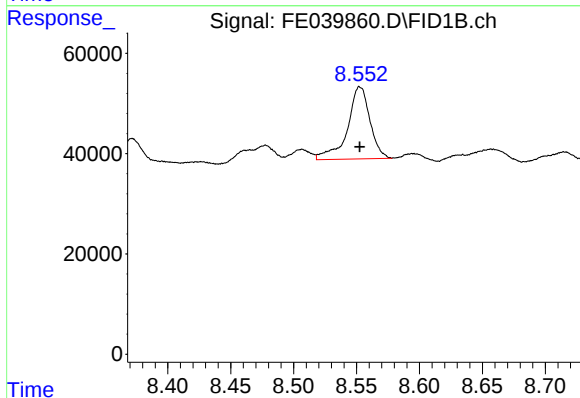
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





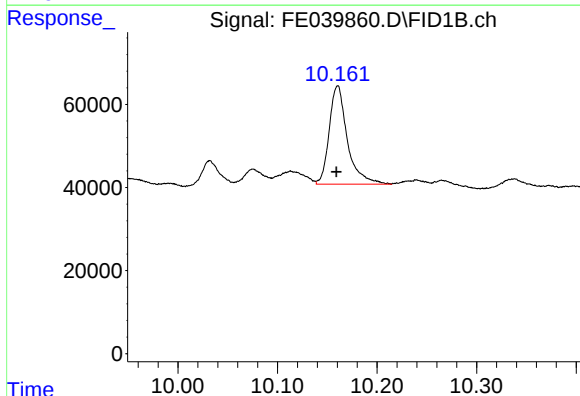
#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 47566
Conc: 0.38 ug/ml



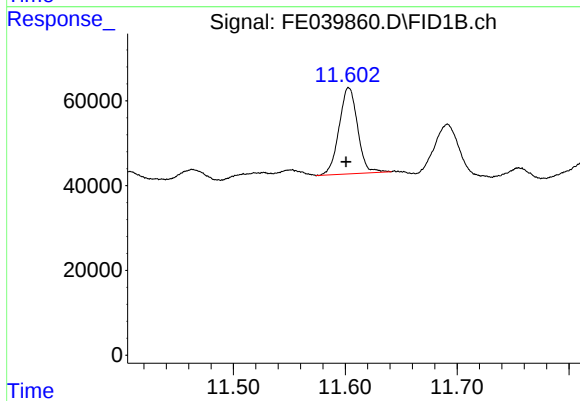
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 179339
Conc: 1.39 ug/ml



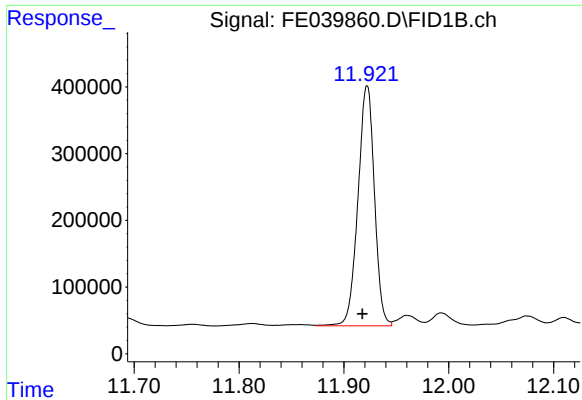
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.001 min
Response: 300052
Conc: 2.22 ug/ml



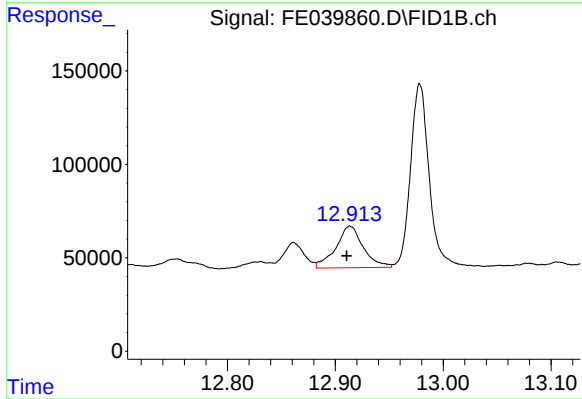
#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: 0.002 min
Response: 233493
Conc: 1.67 ug/ml



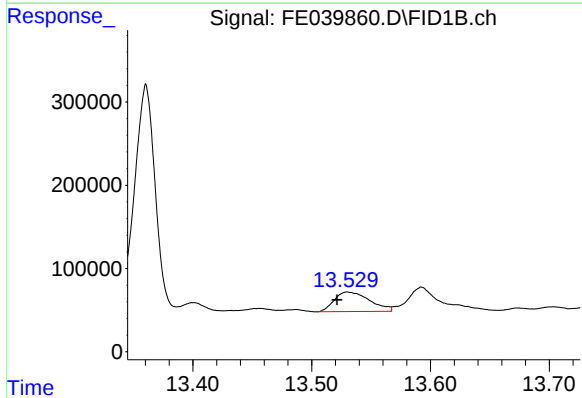
#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: 0.004 min
Response: 3931964
Conc: 25.60 ug/ml



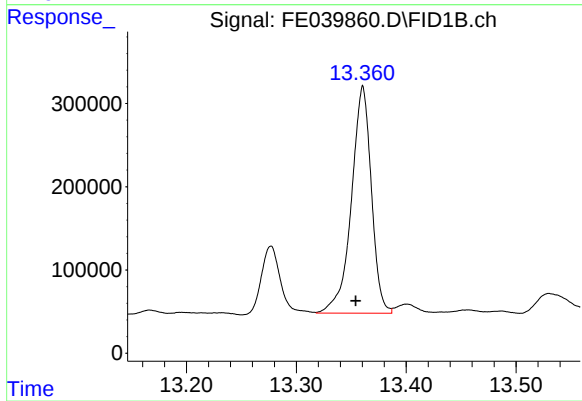
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.003 min
Response: 394026
Conc: 2.84 ug/ml



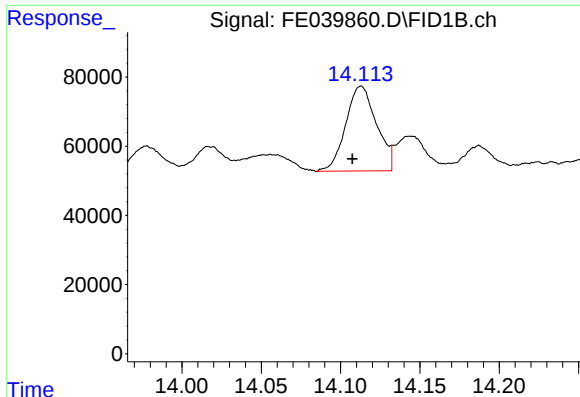
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: 0.009 min
Response: 484210
Conc: 3.47 ug/ml



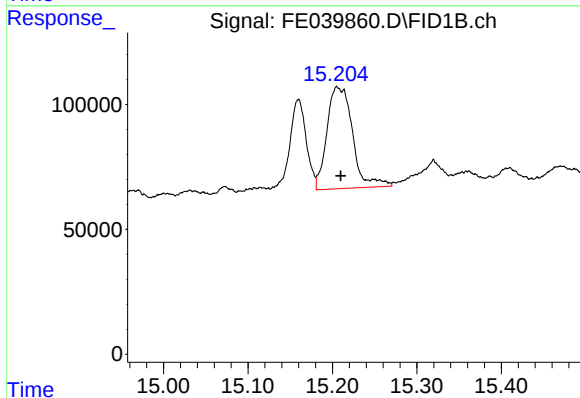
#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: 0.007 min
Response: 3441566
Conc: 29.49 ug/ml



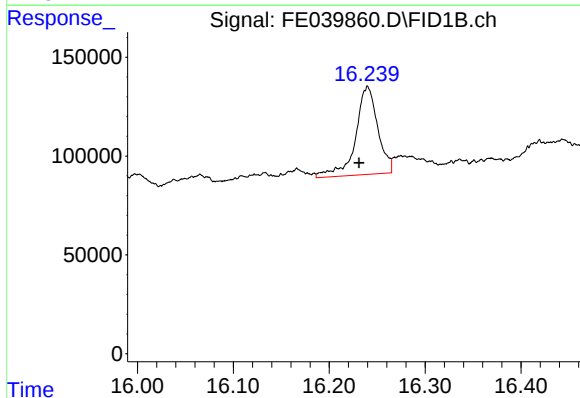
#13 n-Docosane (C22)

R.T.: 14.113 min
Delta R.T.: 0.005 min
Response: 331024
Conc: 2.38 ug/ml



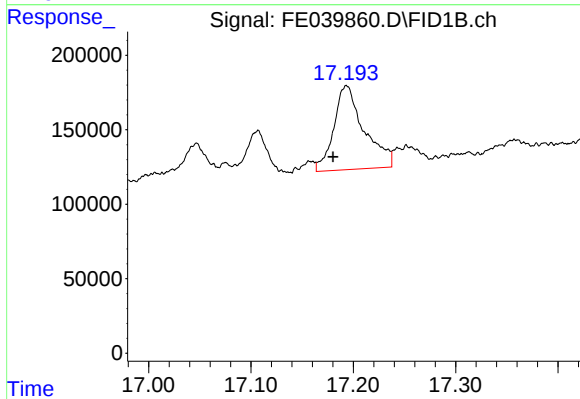
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.004 min
Response: 860051
Conc: 6.25 ug/ml



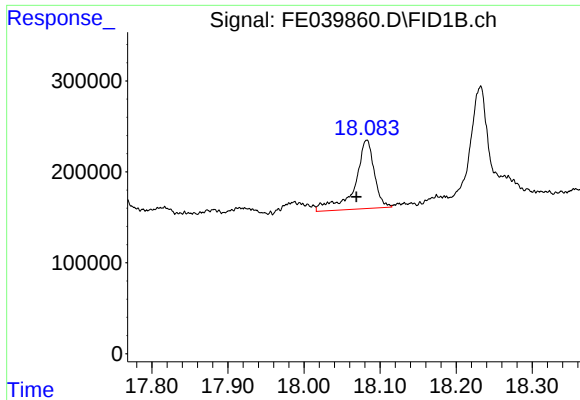
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.009 min
Response: 717415
Conc: 5.38 ug/ml



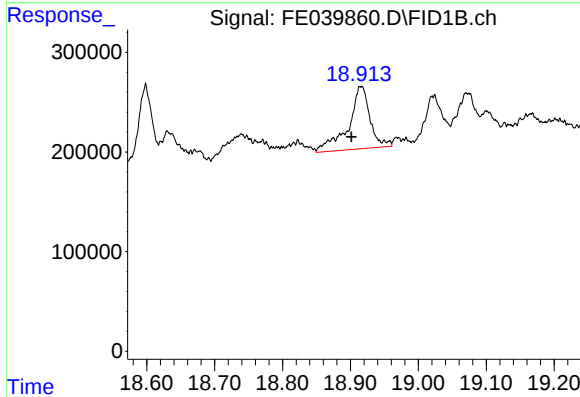
#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: 0.013 min
Response: 1161309
Conc: 8.92 ug/ml



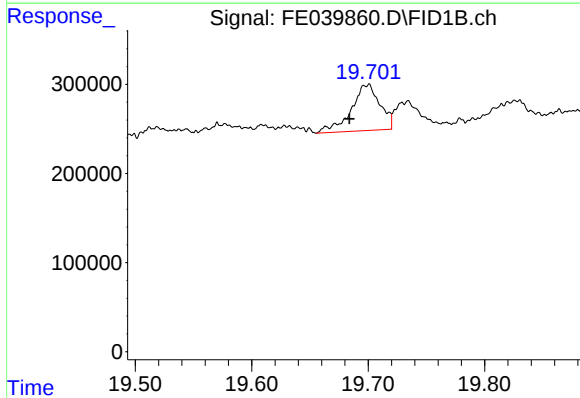
#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: 0.014 min
Response: 1330955
Conc: 10.44 ug/ml



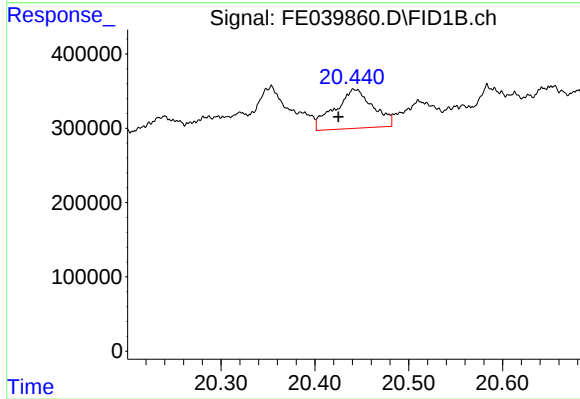
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: 0.014 min
Response: 1383060
Conc: 10.94 ug/ml



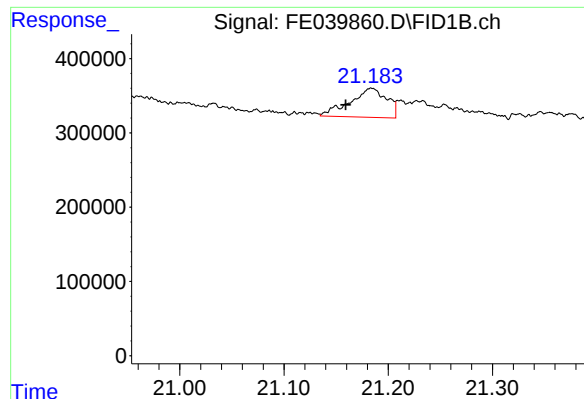
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.016 min
Response: 890389
Conc: 7.21 ug/ml



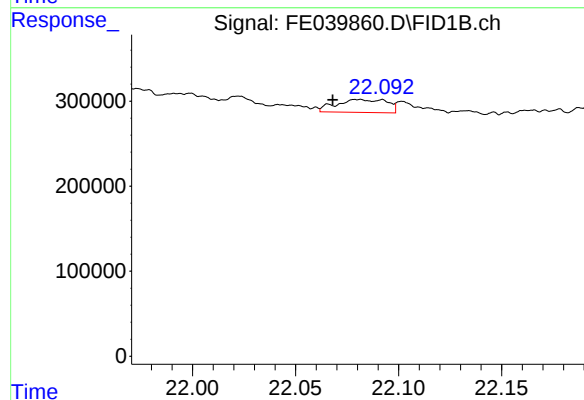
#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: 0.017 min
Response: 1482070
Conc: 12.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.024 min
Response: 953940
Conc: 7.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: 0.012 min
Response: 261435
Conc: 2.15 ug/ml