

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022124AL\
 Data File : FE046889.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2024 00:20
 Operator : YP\AJ
 Sample : P1547-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 01:27:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.792	4673845	28.447 ug/ml
Spiked Amount 50.000		Recovery =	56.89%
12) S 1-chlorooctadecane (S...	13.234	4211187	34.210 ug/ml
Spiked Amount 50.000		Recovery =	68.42%
Target Compounds			
5) T A~2-methylnaphthalene...	7.276	42519	0.297 ug/ml
6) T n-Tetradecane (C14)	8.428	42733	0.277 ug/ml
7) T n-Hexadecane (C16)	10.036	26027	0.164 ug/ml
8) T n-Octadecane (C18)	11.478	48146	0.302 ug/ml
10) T n-Eicosane (C20)	12.786	135423	0.895 ug/ml
11) T n-Heneicosane (C21)	13.400	37044	0.250 ug/ml
13) T n-Docosane (C22)	13.985	71682	0.493 ug/ml
14) T n-Tetracosane (C24)	15.098	834998	5.847 ug/ml
15) T n-Hexacosane (C26)	16.109	63517	0.455 ug/ml
16) T n-Octacosane (C28)	17.063	42143	0.309 ug/ml
17) T n-Tricontane (C30)	17.941	214645	1.538 ug/ml
18) T n-Dotriacontane (C32)	18.782	220628	1.603 ug/ml
19) T n-Tetratriacontane (C34)	19.578	342886	2.552 ug/ml
20) T n-Hexatriacontane (C36)	20.308	167588	1.259 ug/ml
21) T n-Octatriacontane (C38)	21.043	338094	2.454 ug/ml
22) T n-Tetracontane (C40)	21.905	133889	0.949 ug/ml

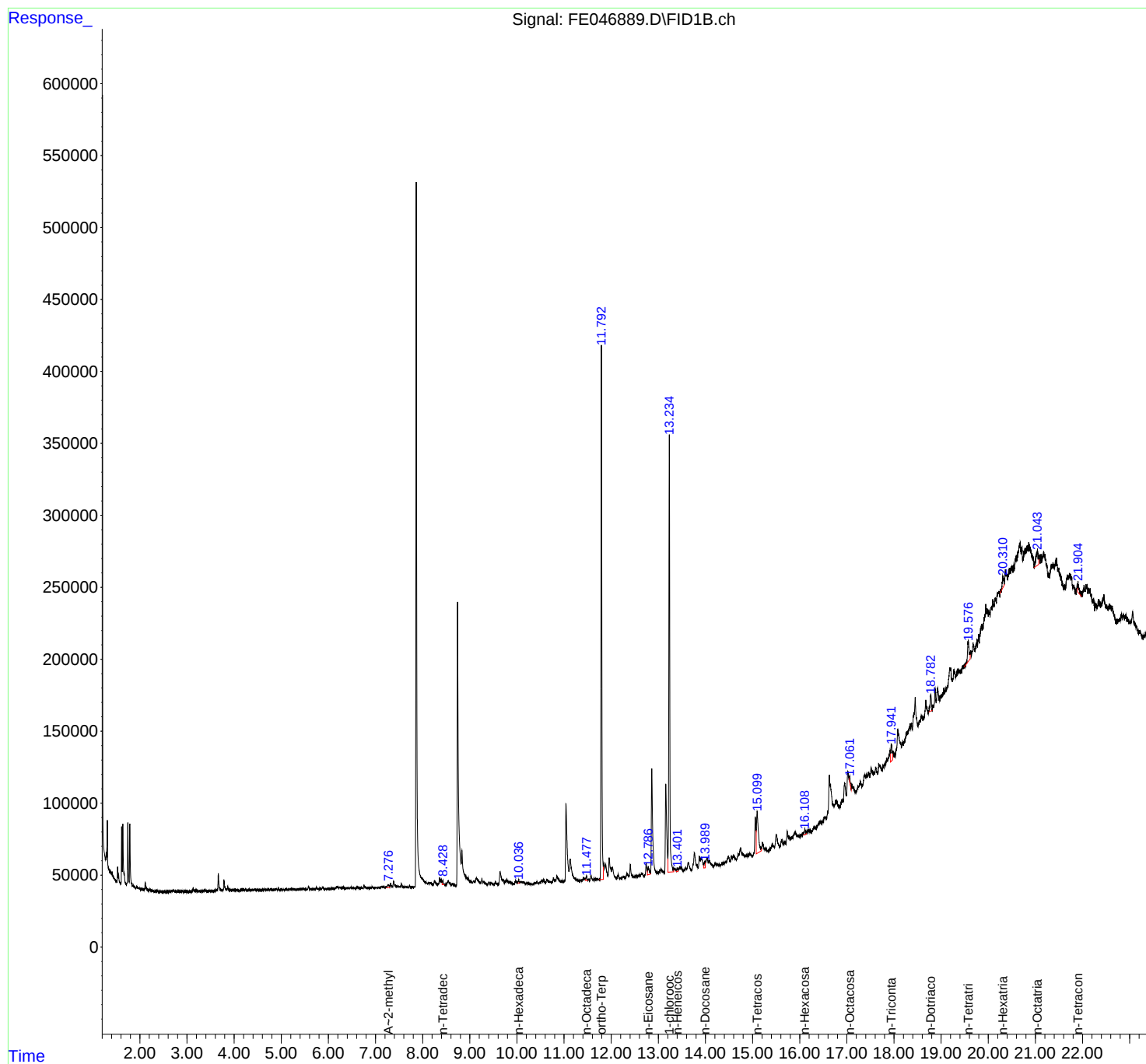
(f)=RT Delta > 1/2 Window

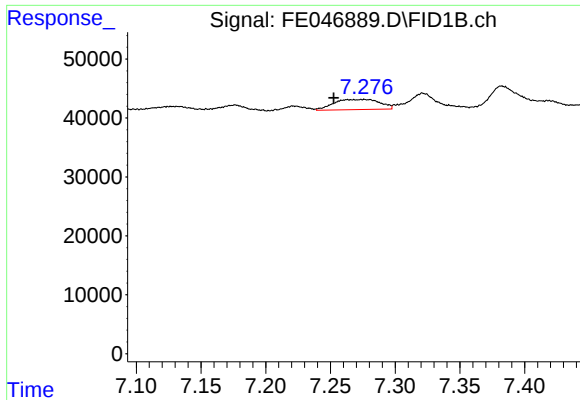
(m)=manual int.

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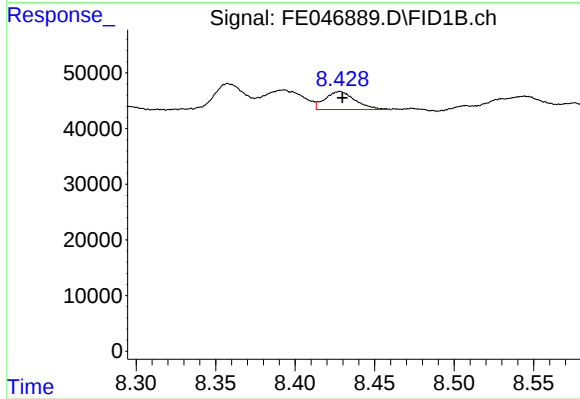
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





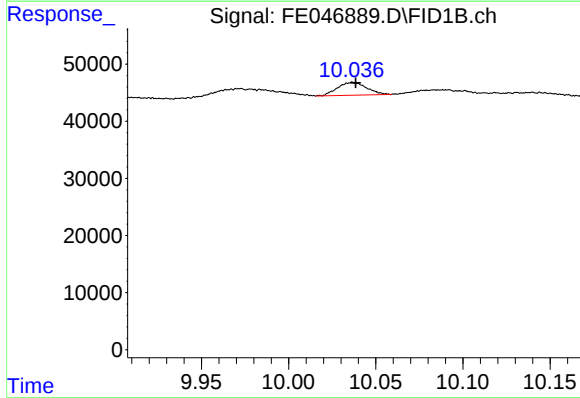
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: 0.023 min
Response: 42519
Conc: 0.30 ug/ml



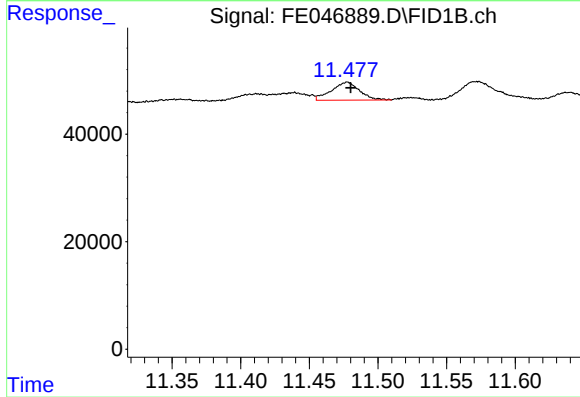
#6 n-Tetradecane (C14)

R.T.: 8.428 min
Delta R.T.: -0.002 min
Response: 42733
Conc: 0.28 ug/ml



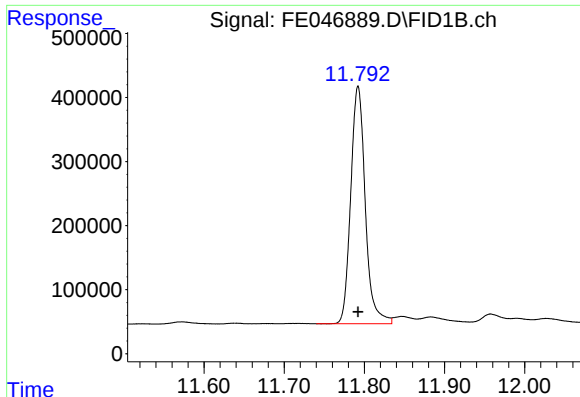
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.002 min
Response: 26027
Conc: 0.16 ug/ml



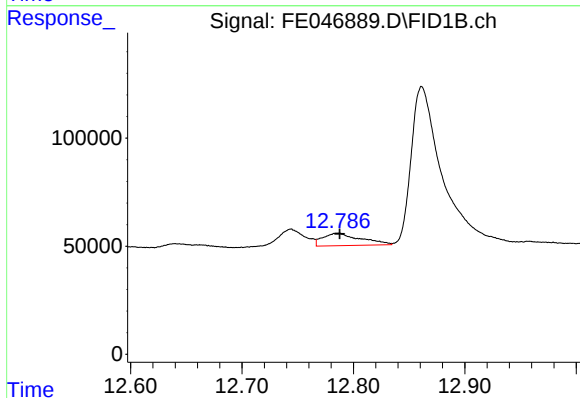
#8 n-Octadecane (C18)

R.T.: 11.478 min
Delta R.T.: -0.002 min
Response: 48146
Conc: 0.30 ug/ml



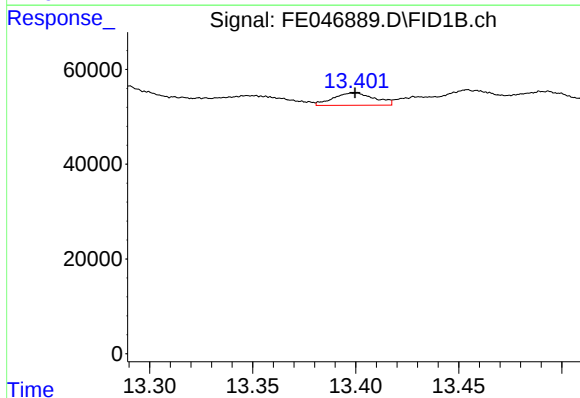
#9 ortho-Terphenyl (SURR)

R.T.: 11.792 min
Delta R.T.: 0.000 min
Response: 4673845
Conc: 28.45 ug/ml



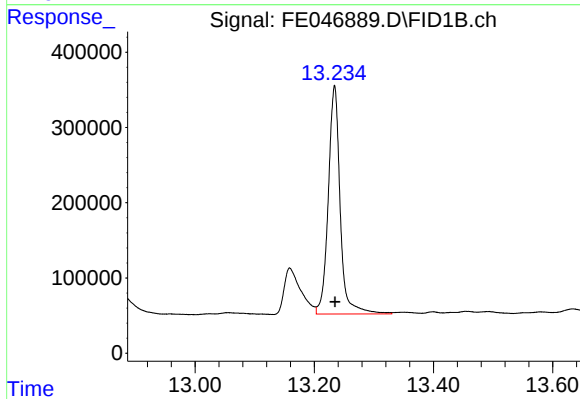
#10 n-Eicosane (C20)

R.T.: 12.786 min
Delta R.T.: -0.001 min
Response: 135423
Conc: 0.89 ug/ml



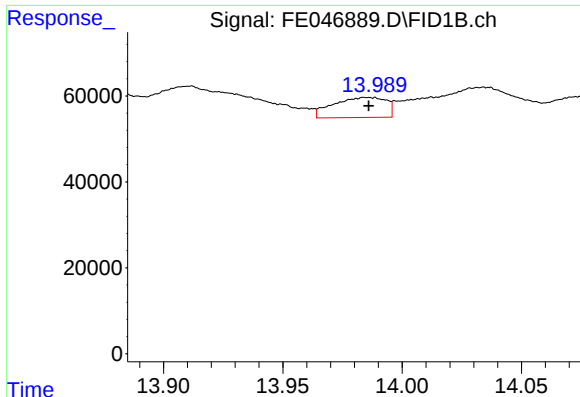
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: 0.000 min
Response: 37044
Conc: 0.25 ug/ml



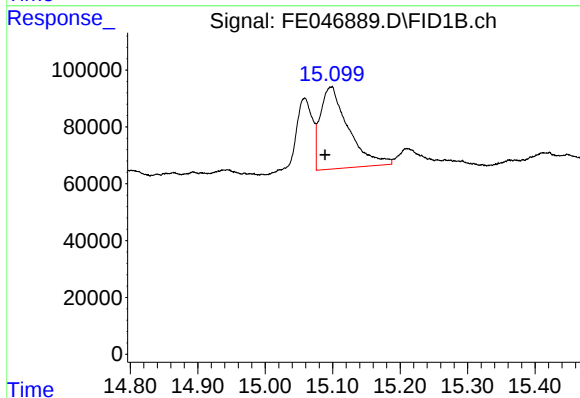
#12 1-chlorooctadecane (SURR)

R.T.: 13.234 min
Delta R.T.: 0.000 min
Response: 4211187
Conc: 34.21 ug/ml



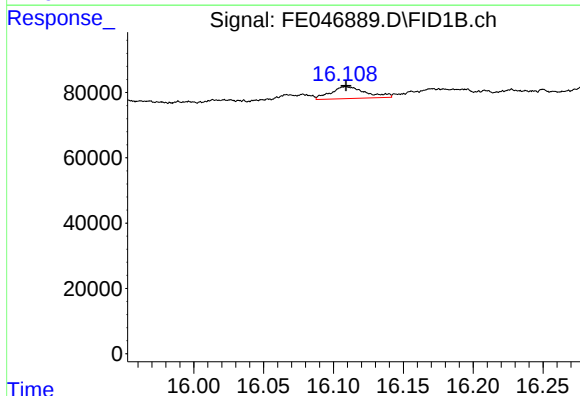
#13 n-Docosane (C22)

R.T.: 13.985 min
Delta R.T.: 0.000 min
Response: 71682
Conc: 0.49 ug/ml



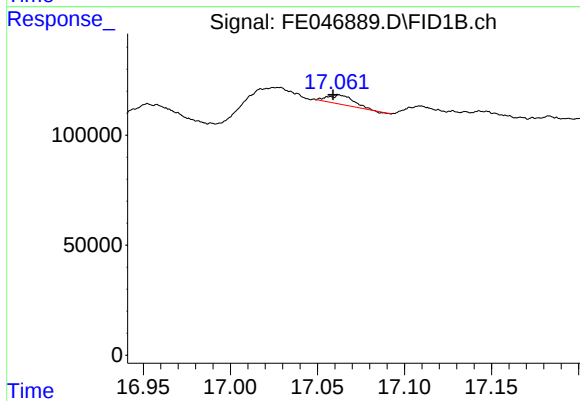
#14 n-Tetracosane (C24)

R.T.: 15.098 min
Delta R.T.: 0.010 min
Response: 834998
Conc: 5.85 ug/ml



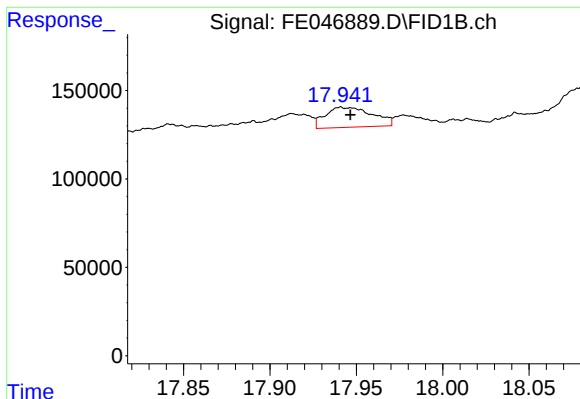
#15 n-Hexacosane (C26)

R.T.: 16.109 min
Delta R.T.: 0.000 min
Response: 63517
Conc: 0.45 ug/ml



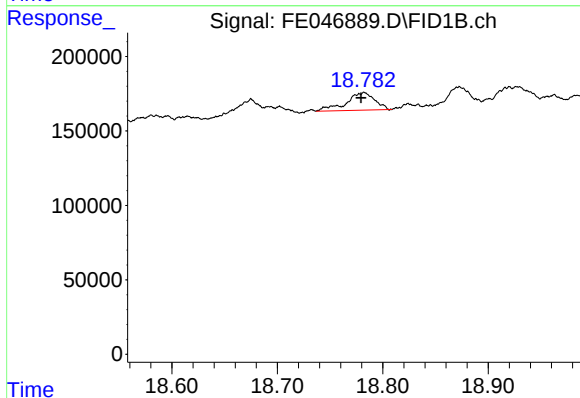
#16 n-Octacosane (C28)

R.T.: 17.063 min
Delta R.T.: 0.004 min
Response: 42143
Conc: 0.31 ug/ml



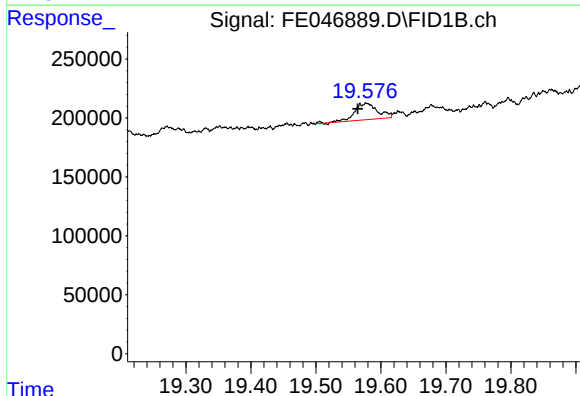
#17 n-Tricontane (C30)

R.T.: 17.941 min
Delta R.T.: -0.006 min
Response: 214645
Conc: 1.54 ug/ml



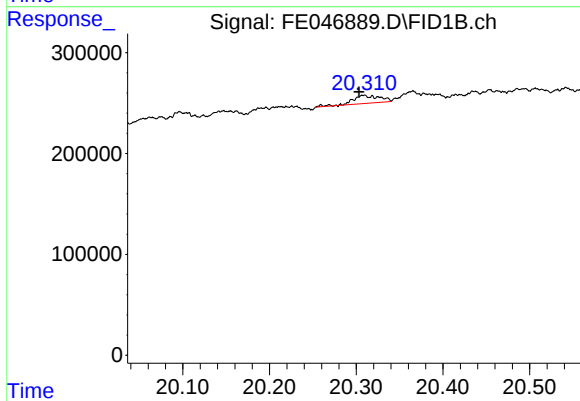
#18 n-Dotriacontane (C32)

R.T.: 18.782 min
Delta R.T.: 0.003 min
Response: 220628
Conc: 1.60 ug/ml



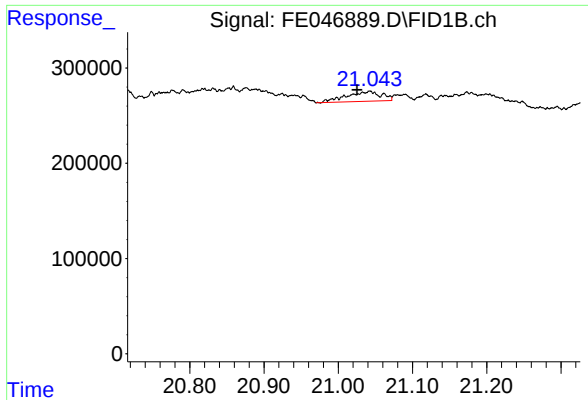
#19 n-Tetratriacontane (C34)

R.T.: 19.578 min
Delta R.T.: 0.013 min
Response: 342886
Conc: 2.55 ug/ml



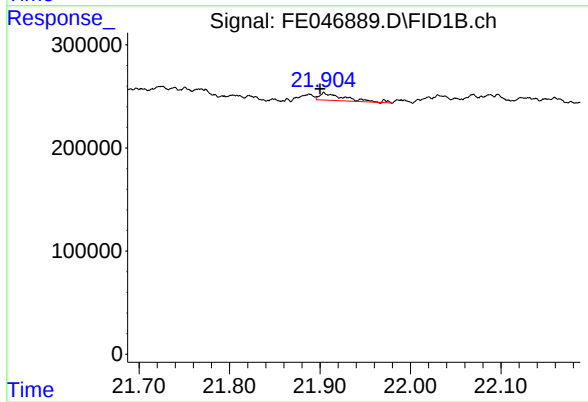
#20 n-Hexatriacontane (C36)

R.T.: 20.308 min
Delta R.T.: 0.005 min
Response: 167588
Conc: 1.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.043 min
Delta R.T.: 0.017 min
Response: 338094
Conc: 2.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.905 min
Delta R.T.: 0.006 min
Response: 133889
Conc: 0.95 ug/ml