

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011724AL\
 Data File : FE046274.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2024 17:11
 Operator : YP\AJ
 Sample : P1152-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 17 22:39:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.826	6723197	36.996 ug/ml
Spiked Amount 50.000		Recovery =	73.99%
12) S 1-chlorooctadecane (S...	13.268	5360265	40.119 ug/ml
Spiked Amount 50.000		Recovery =	80.24%
Target Compounds			
5) T A~2-methylnaphthalene...	7.278	42705	0.268 ug/ml
6) T n-Tetradecane (C14)	8.425	731478	4.696 ug/ml
7) T n-Hexadecane (C16)	10.066	36204	0.229 ug/ml
8) T n-Octadecane (C18)	11.510	40067	0.255 ug/ml
10) T n-Eicosane (C20)	12.820	57485	0.380 ug/ml
11) T n-Heneicosane (C21)	13.435	31373	0.213 ug/ml
13) T n-Docosane (C22)	14.021	28021	0.192 ug/ml
14) T n-Tetracosane (C24)	15.130	144700	0.998 ug/ml
15) T n-Hexacosane (C26)	16.149	25811	0.180 ug/ml
16) T n-Octacosane (C28)	17.146	204012	1.422 ug/ml
17) T n-Tricontane (C30)	18.027	25195	0.170 ug/ml
18) T n-Dotriacontane (C32)	18.827	68993	0.461 ug/ml
19) T n-Tetratriacontane (C34)	19.624	56430	0.394 ug/ml
20) T n-Hexatriacontane (C36)	20.406	25347	0.174 ug/ml
21) T n-Octatriacontane (C38)	21.086	42374	0.287 ug/ml
22) T n-Tetracontane (C40)	21.990	16128	0.103 ug/ml

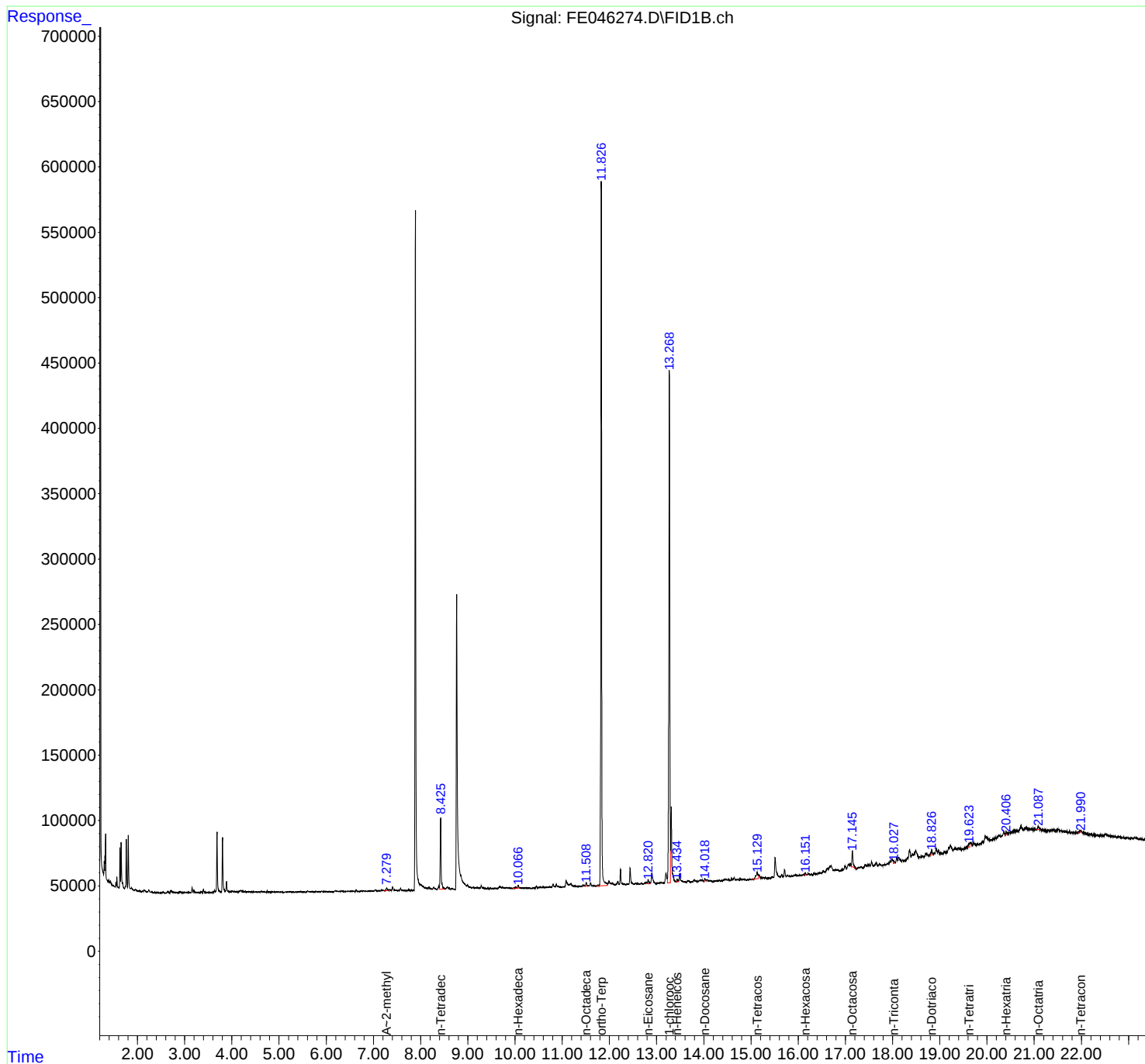
(f)=RT Delta > 1/2 Window

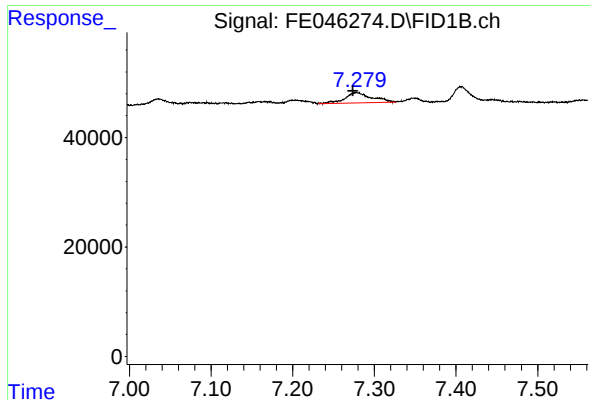
(m)=manual int.

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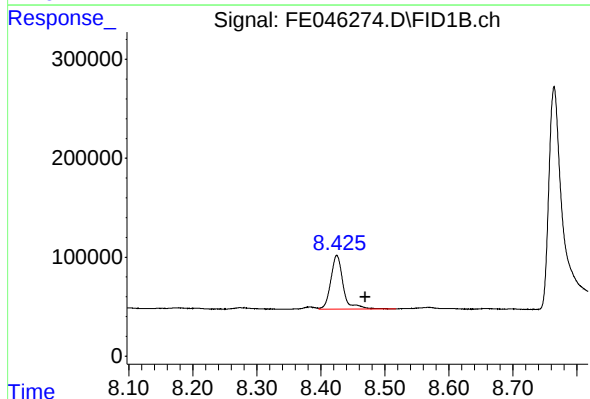
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





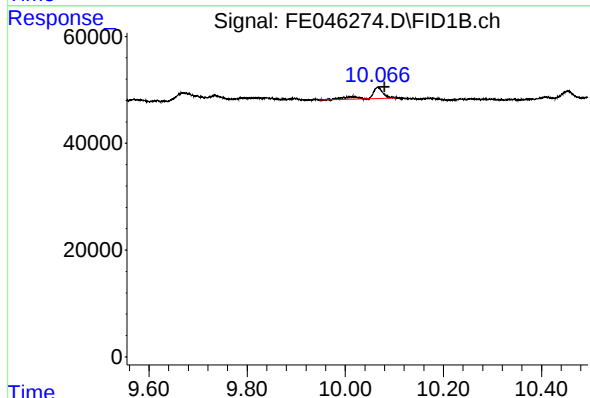
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: 0.004 min
Response: 42705
Conc: 0.27 ug/ml



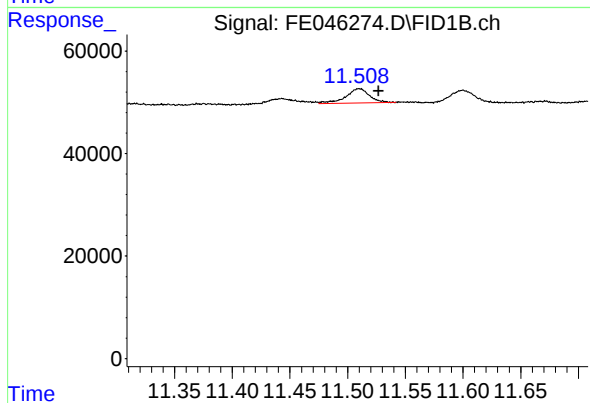
#6 n-Tetradecane (C14)

R.T.: 8.425 min
Delta R.T.: -0.045 min
Response: 731478
Conc: 4.70 ug/ml



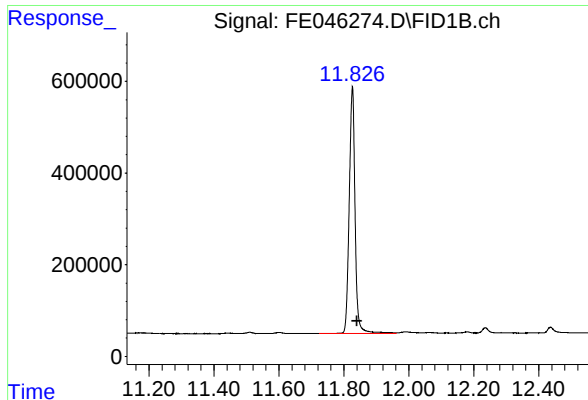
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.014 min
Response: 36204
Conc: 0.23 ug/ml



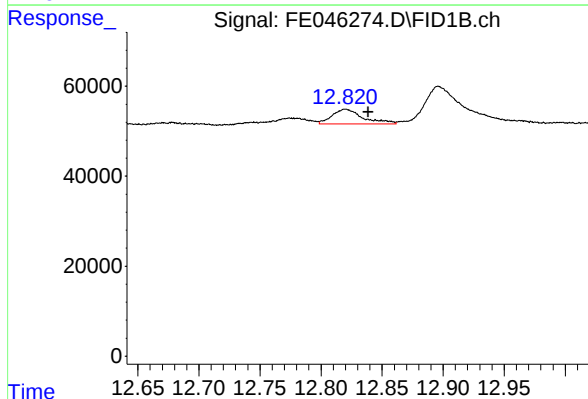
#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: -0.017 min
Response: 40067
Conc: 0.25 ug/ml



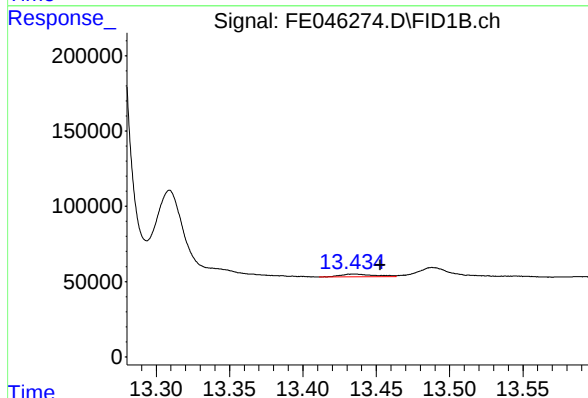
#9 ortho-Terphenyl (SURR)

R.T.: 11.826 min
Delta R.T.: -0.014 min
Response: 6723197
Conc: 37.00 ug/ml



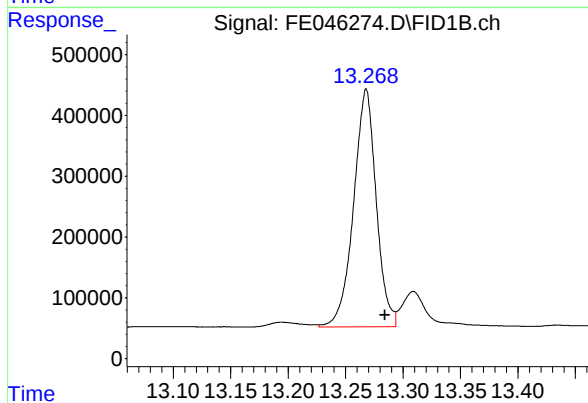
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: -0.019 min
Response: 57485
Conc: 0.38 ug/ml



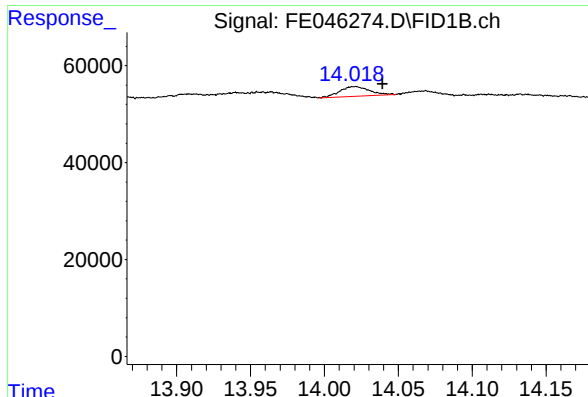
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.018 min
Response: 31373
Conc: 0.21 ug/ml



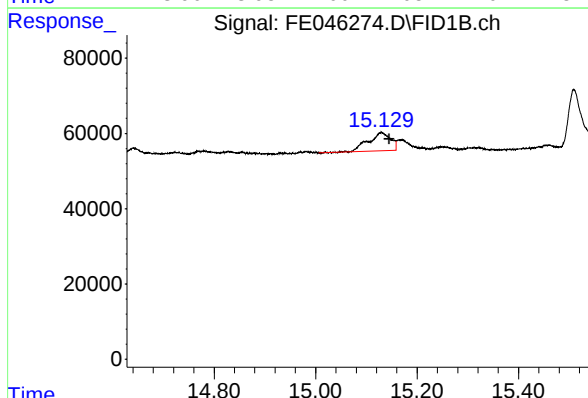
#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.016 min
Response: 5360265
Conc: 40.12 ug/ml



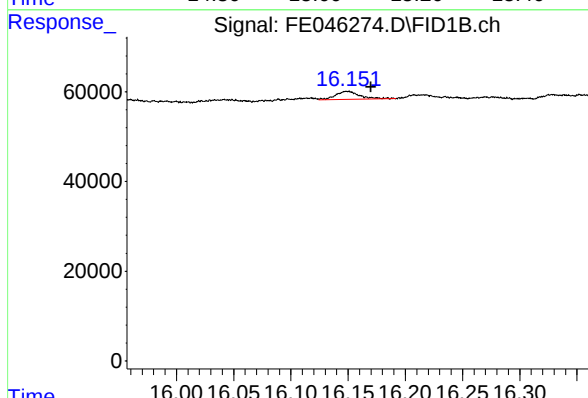
#13 n-Docosane (C22)

R.T.: 14.021 min
Delta R.T.: -0.019 min
Response: 28021
Conc: 0.19 ug/ml



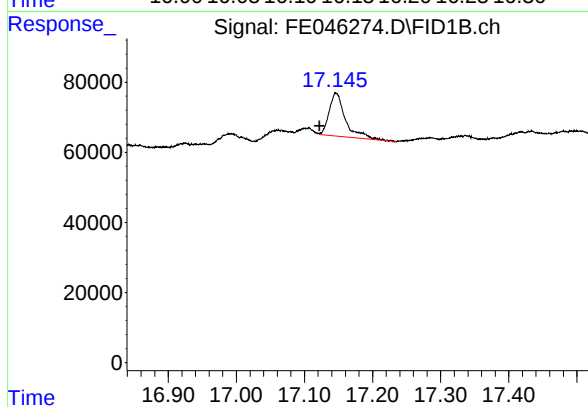
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.015 min
Response: 144700
Conc: 1.00 ug/ml



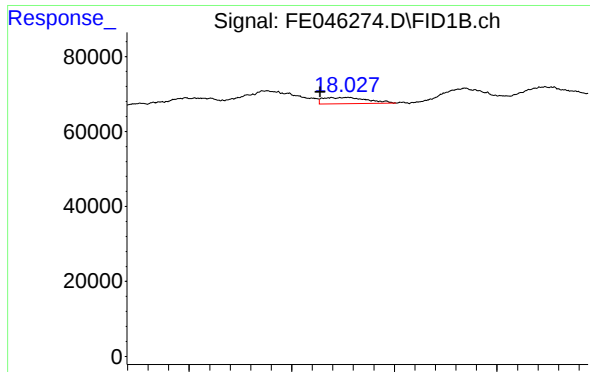
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: -0.021 min
Response: 25811
Conc: 0.18 ug/ml



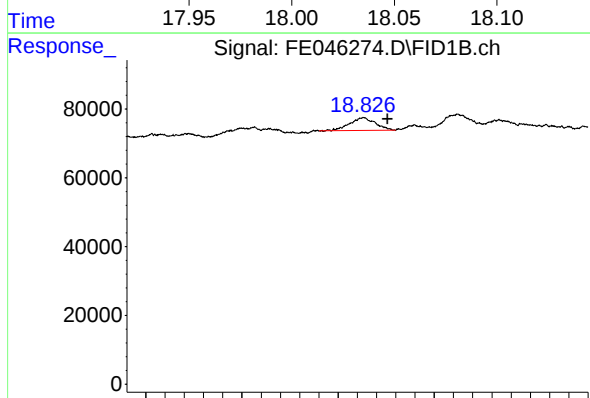
#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: 0.024 min
Response: 204012
Conc: 1.42 ug/ml



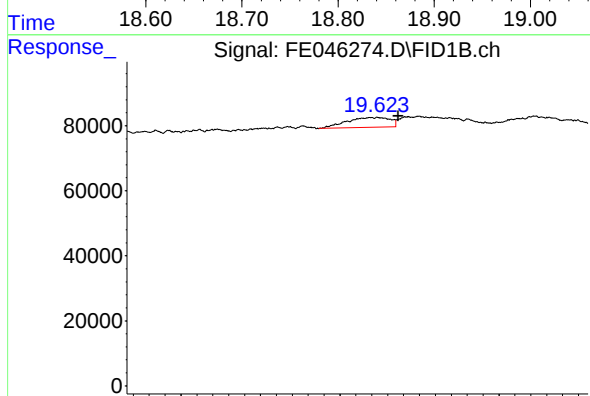
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: 0.013 min
Response: 25195
Conc: 0.17 ug/ml



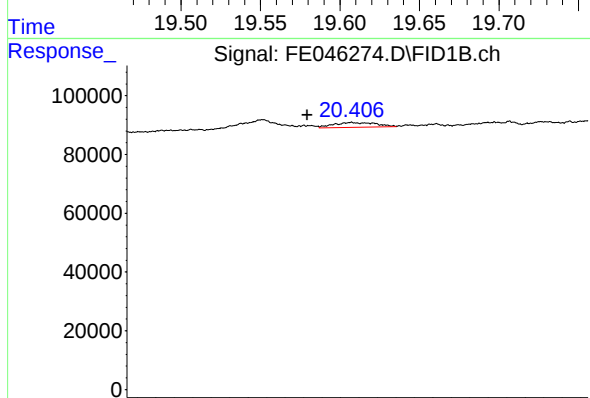
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.025 min
Response: 68993
Conc: 0.46 ug/ml



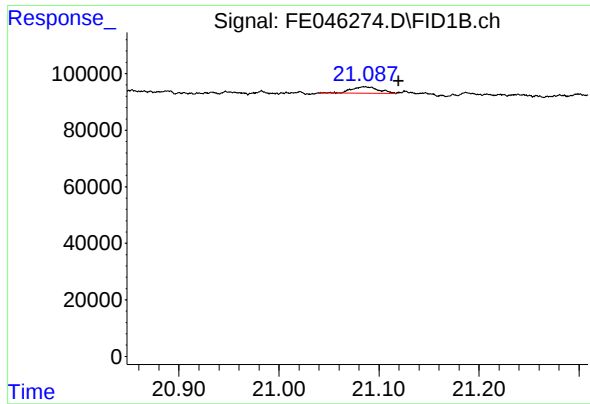
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.013 min
Response: 56430
Conc: 0.39 ug/ml



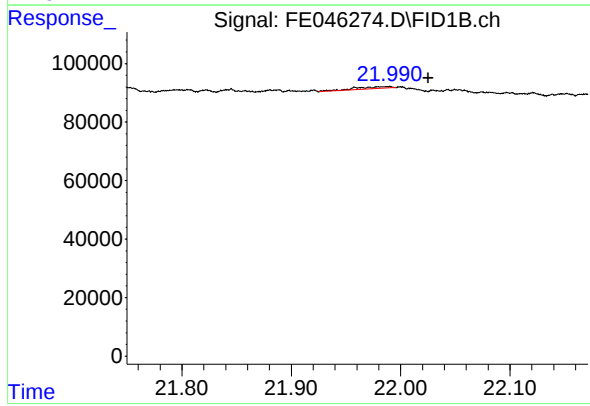
#20 n-Hexatriacontane (C36)

R.T.: 20.406 min
Delta R.T.: 0.024 min
Response: 25347
Conc: 0.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: -0.034 min
Response: 42374
Conc: 0.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: -0.035 min
Response: 16128
Conc: 0.10 ug/ml