

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020223AL\
 Data File : FC062861.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2023 17:45
 Operator : YP/AJ
 Sample : 01401-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 23:39:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.550	3305567	26.583 ug/ml
Spiked Amount 50.000		Recovery =	53.17%
12) S 1-chlorooctadecane (S...	12.988	4933922	52.311 ug/ml
Spiked Amount 50.000		Recovery =	104.62%
Target Compounds			
4) T n-Dodecane (C12)	6.391	193693	1.874 ug/ml
6) T n-Tetradecane (C14)	8.189	550196	5.363 ug/ml
7) T n-Hexadecane (C16)	9.791	722863	6.681 ug/ml
8) T n-Octadecane (C18)	11.233	604750	5.455 ug/ml
10) T n-Eicosane (C20)	12.543	561064	5.146 ug/ml
11) T n-Heneicosane (C21)	13.158	652046	5.991 ug/ml
13) T n-Docosane (C22)	13.741	455761	4.230 ug/ml
14) T n-Tetracosane (C24)	14.842	489672	4.572 ug/ml
15) T n-Hexacosane (C26)	15.865	363145	3.446 ug/ml
16) T n-Octacosane (C28)	16.818	1045046	10.001 ug/ml
17) T n-Tricontane (C30)	17.704	2288172	21.913 ug/ml
18) T n-Dotriacontane (C32)	18.541	3552428	32.888 ug/ml
19) T n-Tetratriacontane (C34)	19.329	6193374	58.922 ug/ml
20) T n-Hexatriacontane (C36)	20.067	12249316	121.634 ug/ml
21) T n-Octatriacontane (C38)	20.779	2864538	28.531 ug/ml
22) T n-Tetracontane (C40)	21.690	832208	8.634 ug/ml

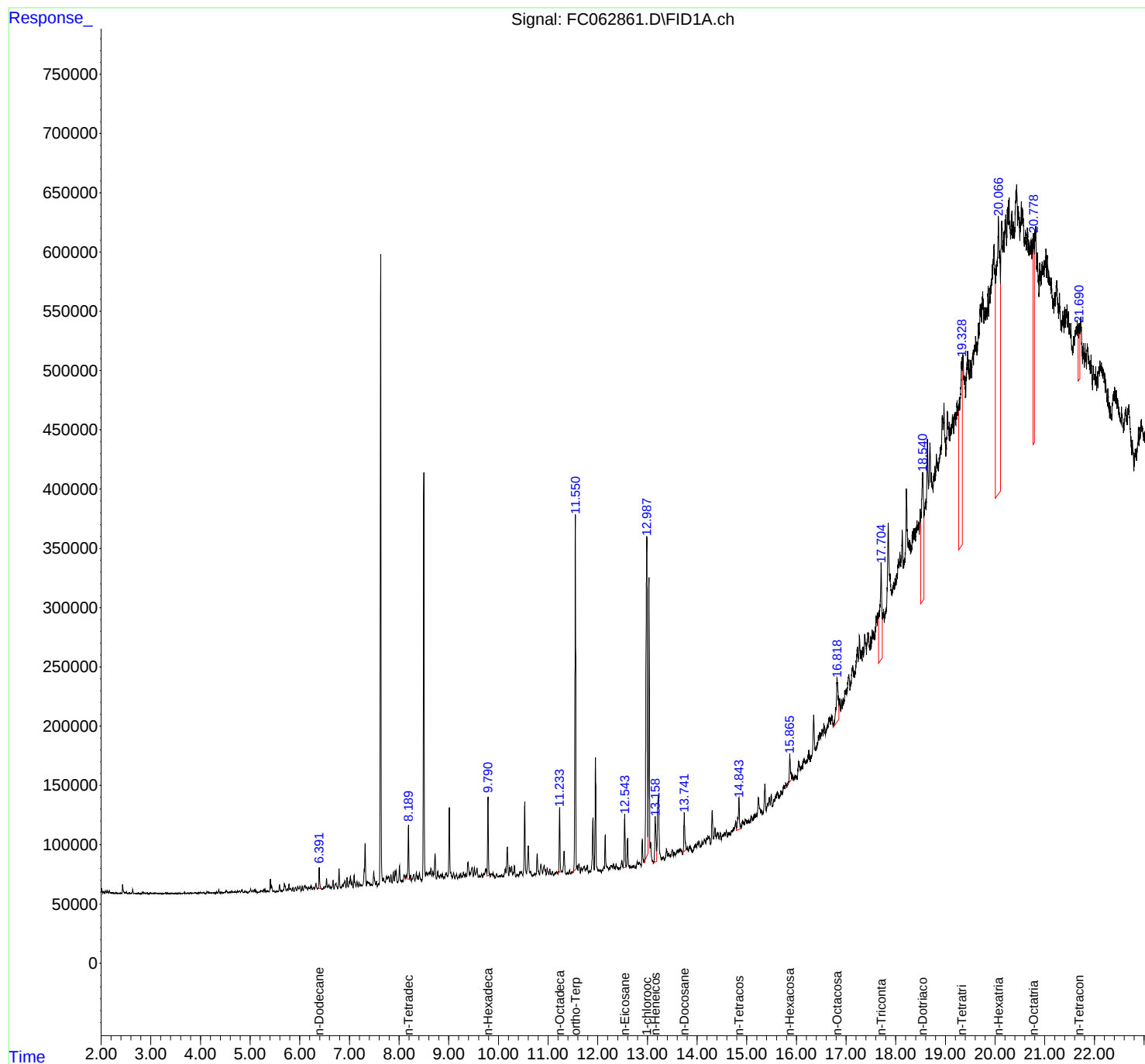
(f)=RT Delta > 1/2 Window

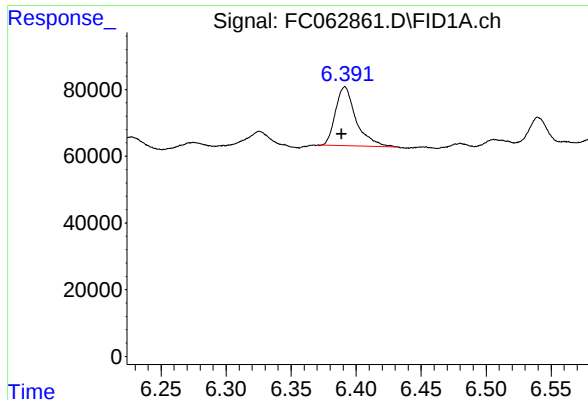
(m)=manual int.

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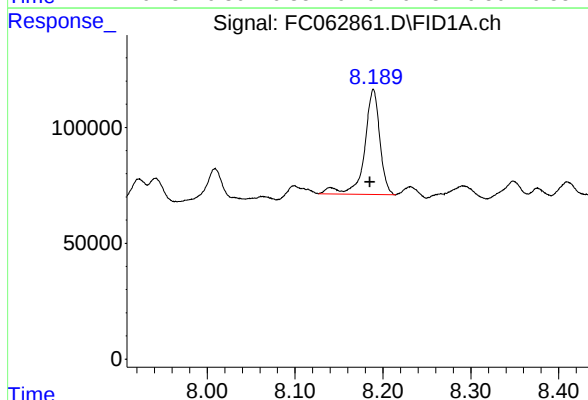
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





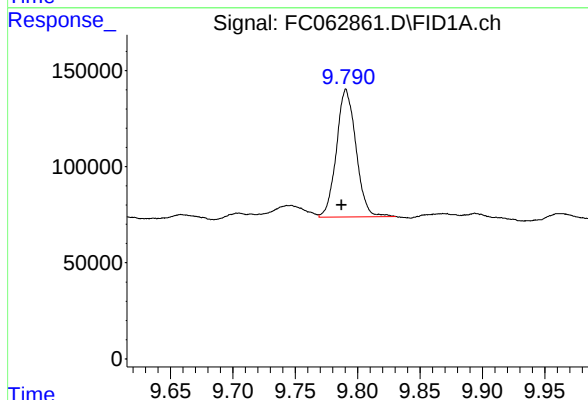
#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: 0.002 min
Response: 193693
Conc: 1.87 ug/ml



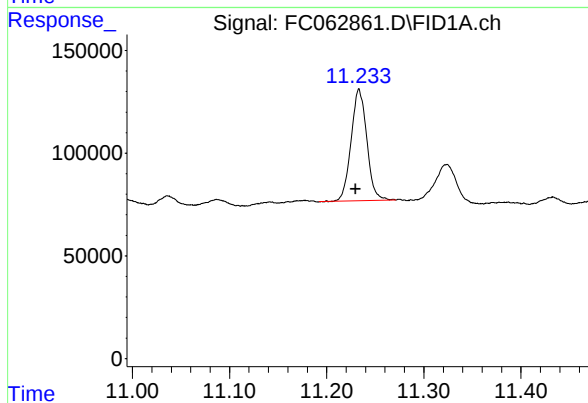
#6 n-Tetradecane (C14)

R.T.: 8.189 min
Delta R.T.: 0.004 min
Response: 550196
Conc: 5.36 ug/ml



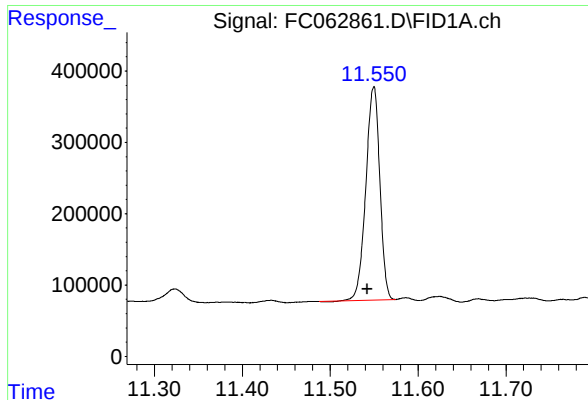
#7 n-Hexadecane (C16)

R.T.: 9.791 min
Delta R.T.: 0.003 min
Response: 722863
Conc: 6.68 ug/ml



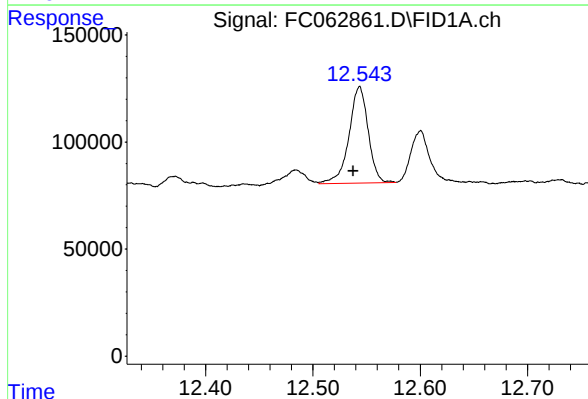
#8 n-Octadecane (C18)

R.T.: 11.233 min
Delta R.T.: 0.004 min
Response: 604750
Conc: 5.46 ug/ml



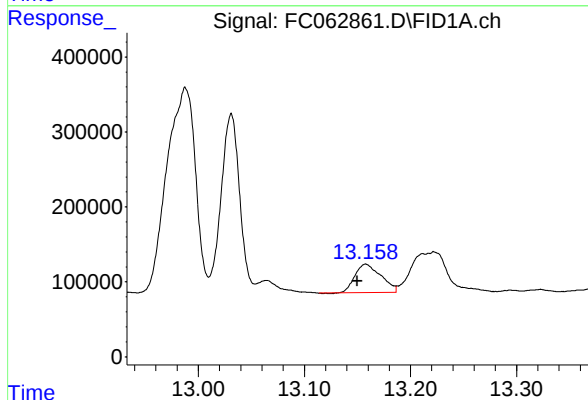
#9 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.007 min
Response: 3305567
Conc: 26.58 ug/ml



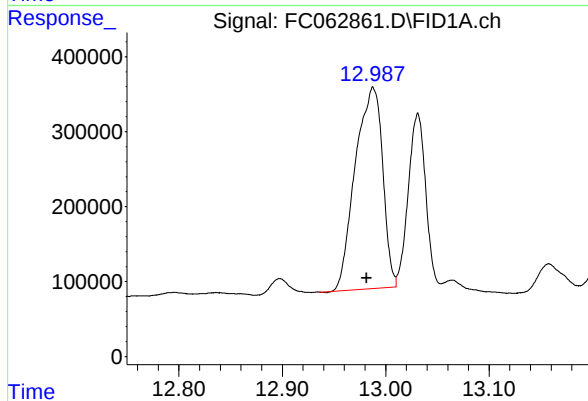
#10 n-Eicosane (C20)

R.T.: 12.543 min
Delta R.T.: 0.006 min
Response: 561064
Conc: 5.15 ug/ml



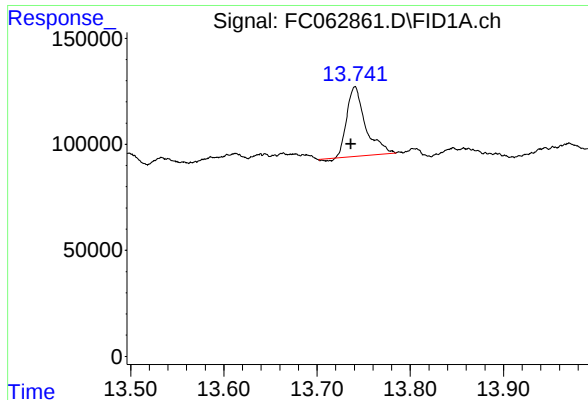
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.008 min
Response: 652046
Conc: 5.99 ug/ml



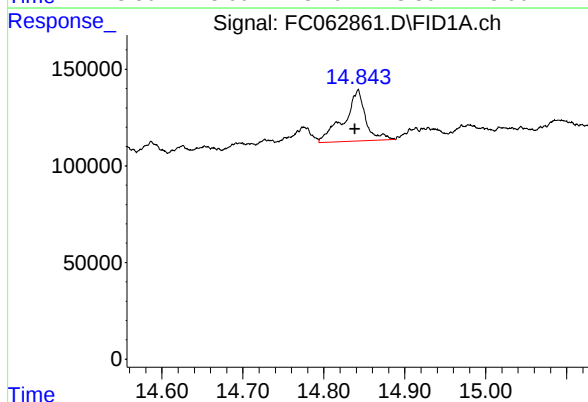
#12 1-chlorooctadecane (SURR)

R.T.: 12.988 min
Delta R.T.: 0.006 min
Response: 4933922
Conc: 52.31 ug/ml



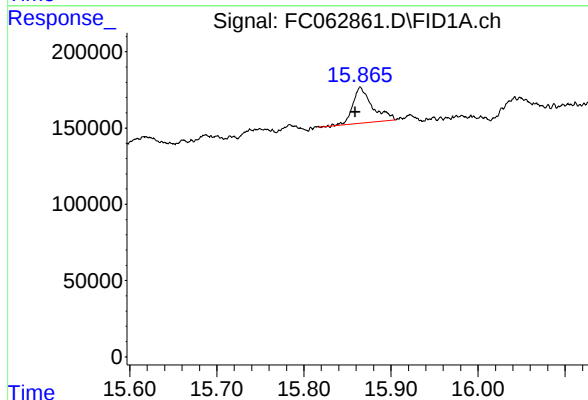
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: 0.004 min
Response: 455761
Conc: 4.23 ug/ml



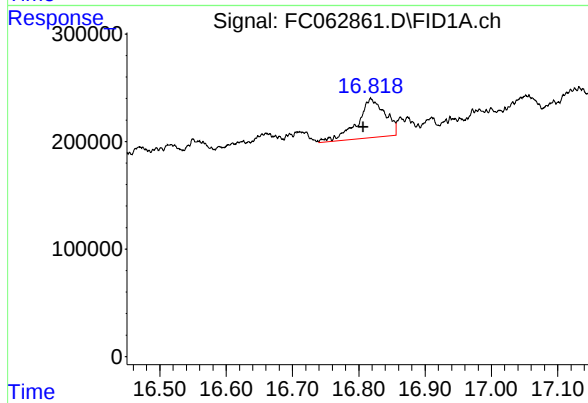
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: 0.004 min
Response: 489672
Conc: 4.57 ug/ml



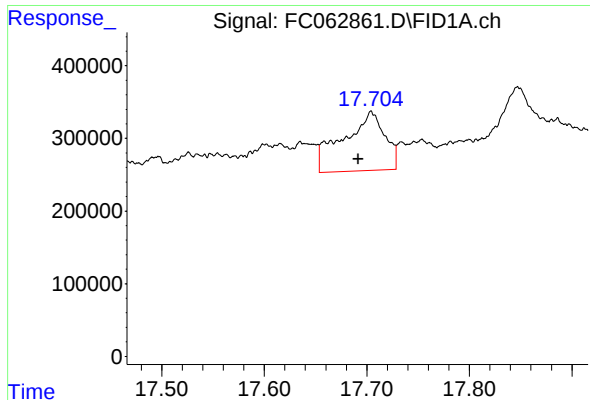
#15 n-Hexacosane (C26)

R.T.: 15.865 min
Delta R.T.: 0.006 min
Response: 363145
Conc: 3.45 ug/ml



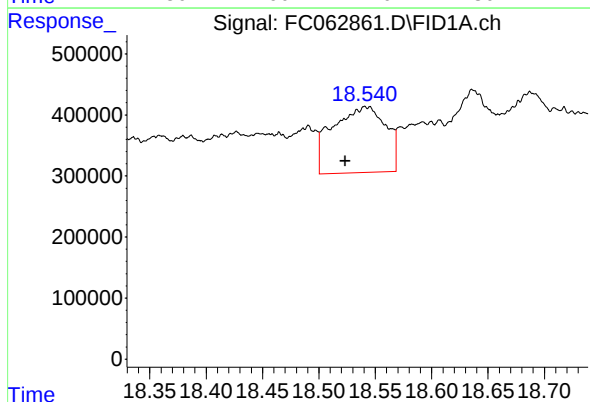
#16 n-Octacosane (C28)

R.T.: 16.818 min
Delta R.T.: 0.011 min
Response: 1045046
Conc: 10.00 ug/ml



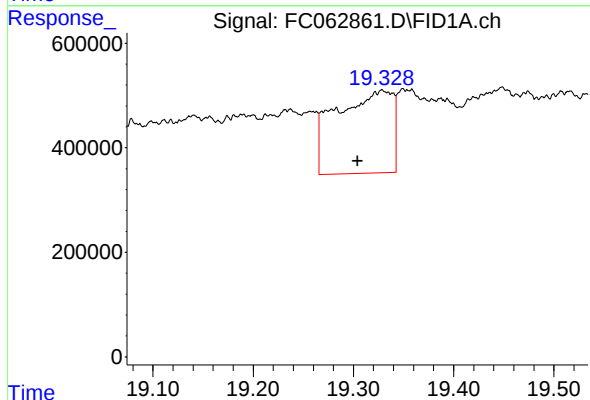
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: 0.012 min
Response: 2288172
Conc: 21.91 ug/ml



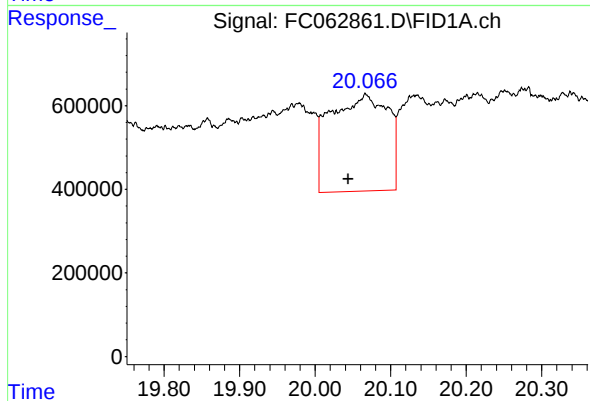
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: 0.017 min
Response: 3552428
Conc: 32.89 ug/ml



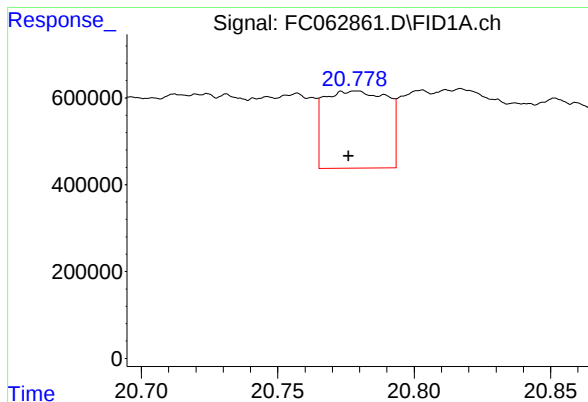
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.024 min
Response: 6193374
Conc: 58.92 ug/ml



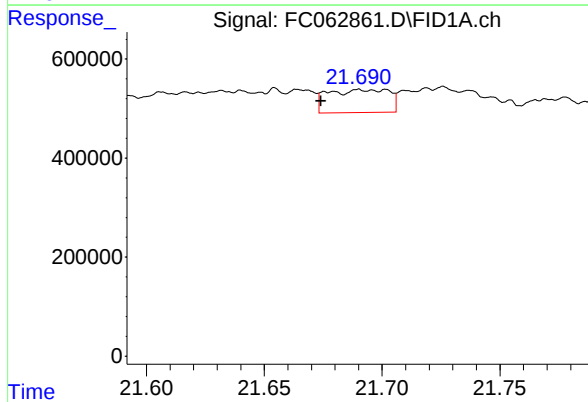
#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: 0.023 min
Response: 12249316
Conc: 121.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: 0.003 min
Response: 2864538
Conc: 28.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.690 min
Delta R.T.: 0.016 min
Response: 832208
Conc: 8.63 ug/ml