

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032024AL\
 Data File : FC066067.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2024 19:39
 Operator : YP/AJ
 Sample : P1801-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 01:23:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.475	5957951	30.486 ug/ml
Spiked Amount 50.000		Recovery =	60.97%
12) S 1-chlorooctadecane (S...	12.902	5050736	34.644 ug/ml
Spiked Amount 50.000		Recovery =	69.29%
Target Compounds			
5) T A~2-methylnaphthalene...	7.046	45193	0.265 ug/ml
6) T n-Tetradecane (C14)	8.133	107845	0.620 ug/ml
7) T n-Hexadecane (C16)	9.727	53467	0.299 ug/ml
8) T n-Octadecane (C18)	11.159	109365	0.602 ug/ml
10) T n-Eicosane (C20)	12.491	72339	0.414 ug/ml
11) T n-Heneicosane (C21)	13.065	54389	0.314 ug/ml
13) T n-Docosane (C22)	13.646	82518	0.480 ug/ml
14) T n-Tetracosane (C24)	14.761	1130341	6.618 ug/ml
15) T n-Hexacosane (C26)	15.755	102259	0.607 ug/ml
16) T n-Octacosane (C28)	16.778f	241768	1.454 ug/ml
17) T n-Tricontane (C30)	17.619	38872	0.228 ug/ml
18) T n-Dotriacontane (C32)	18.403	170583	1.012 ug/ml
19) T n-Tetratriacontane (C34)	19.204	310983	1.897 ug/ml
20) T n-Hexatriacontane (C36)	19.946	94311	0.593 ug/ml
21) T n-Octatriacontane (C38)	20.696	252763	1.614 ug/ml
22) T n-Tetracontane (C40)	21.551	60587	0.383 ug/ml

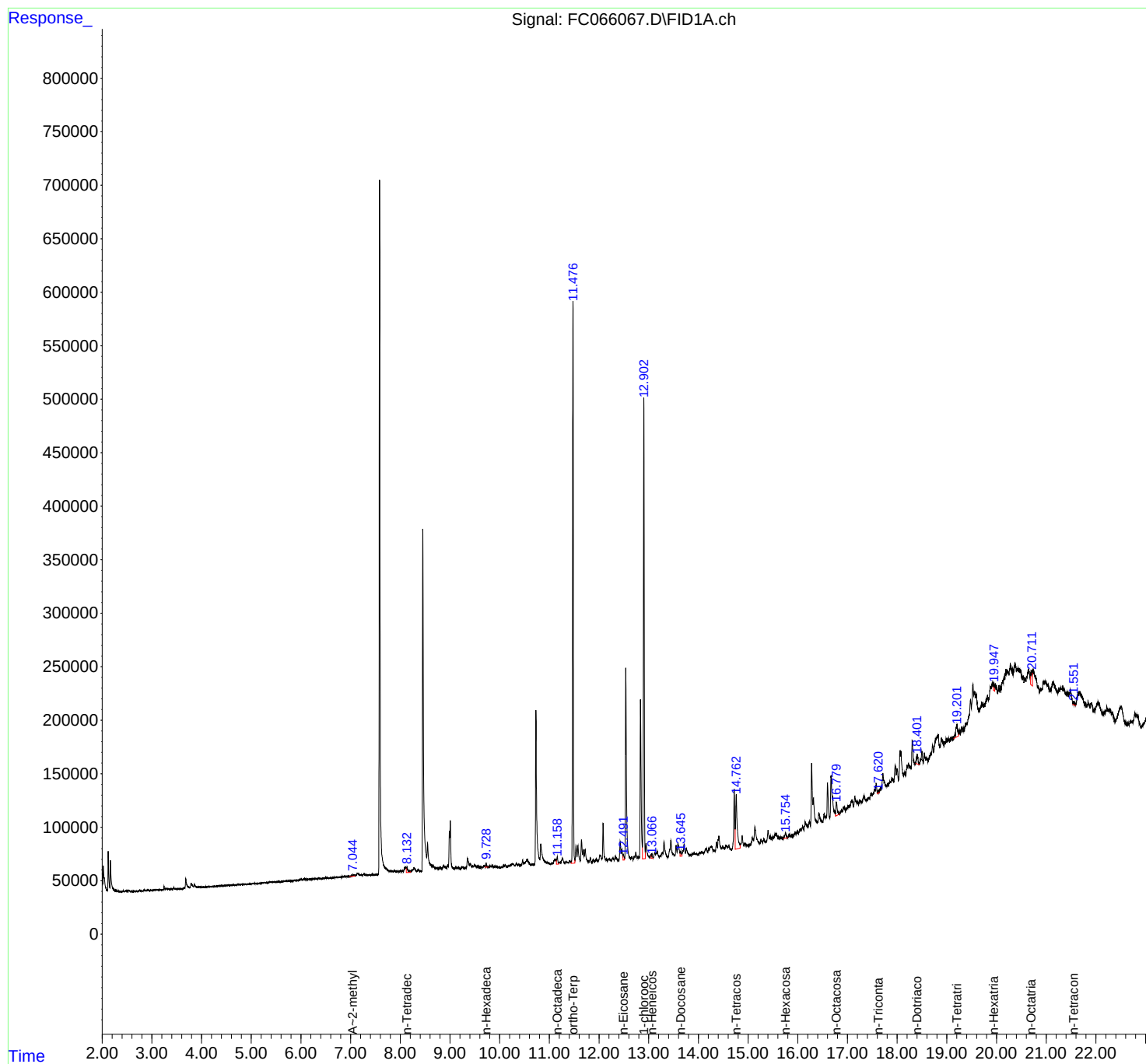
(f)=RT Delta > 1/2 Window

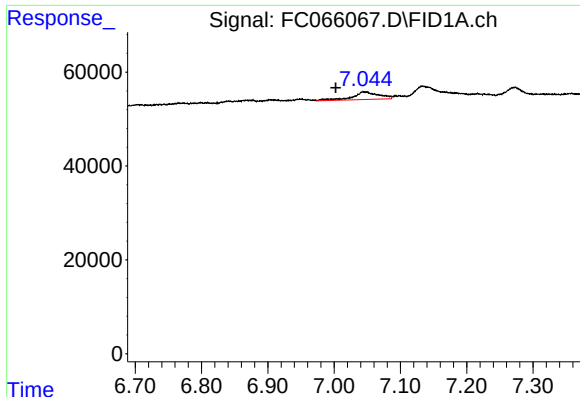
(m)=manual int.

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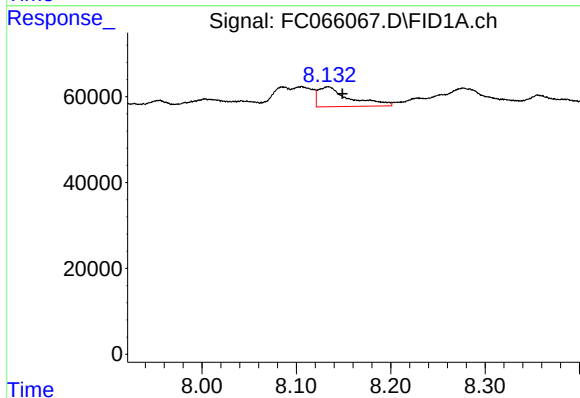
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





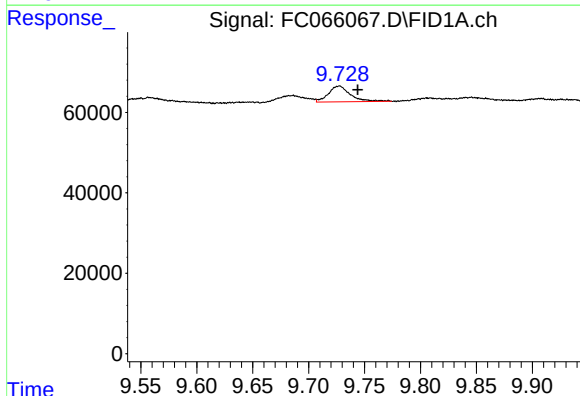
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.046 min
Delta R.T.: 0.044 min
Response: 45193
Conc: 0.27 ug/ml



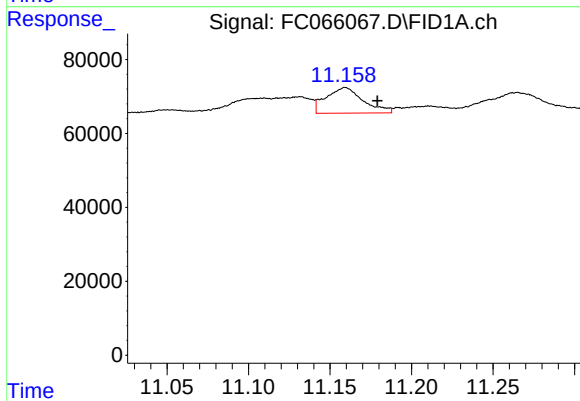
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: -0.015 min
Response: 107845
Conc: 0.62 ug/ml



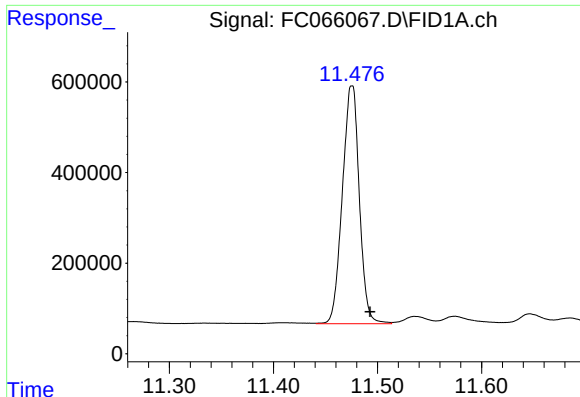
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: -0.017 min
Response: 53467
Conc: 0.30 ug/ml



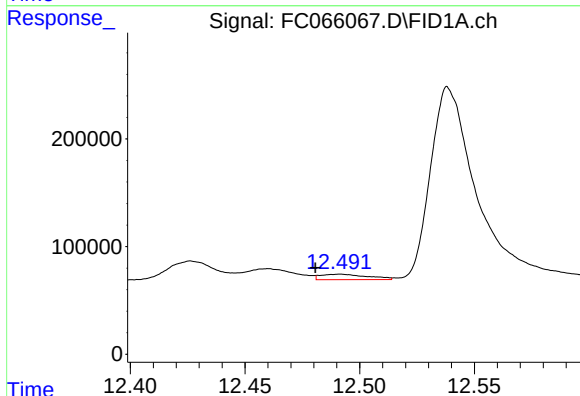
#8 n-Octadecane (C18)

R.T.: 11.159 min
Delta R.T.: -0.020 min
Response: 109365
Conc: 0.60 ug/ml



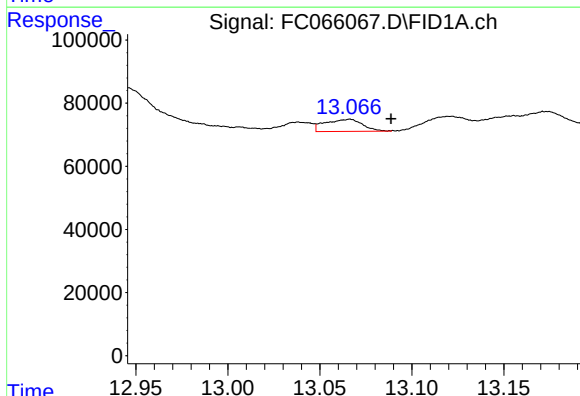
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.018 min
Response: 5957951
Conc: 30.49 ug/ml



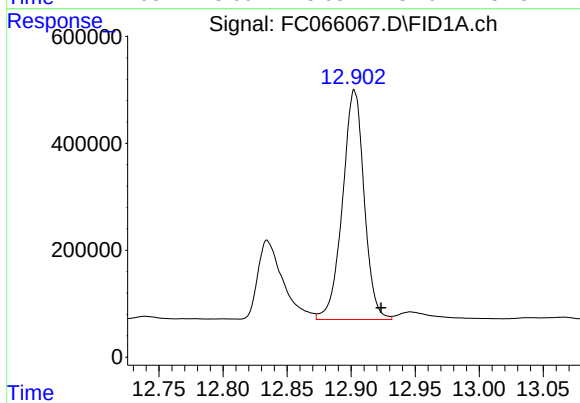
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.010 min
Response: 72339
Conc: 0.41 ug/ml



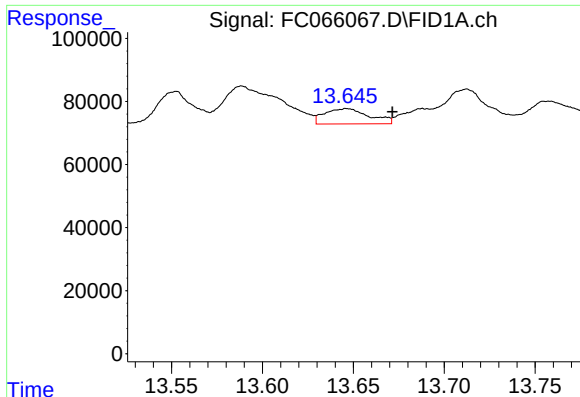
#11 n-Heneicosane (C21)

R.T.: 13.065 min
Delta R.T.: -0.024 min
Response: 54389
Conc: 0.31 ug/ml



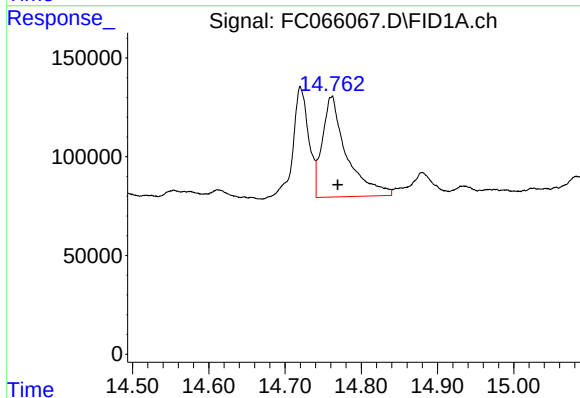
#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min
Delta R.T.: -0.021 min
Response: 5050736
Conc: 34.64 ug/ml



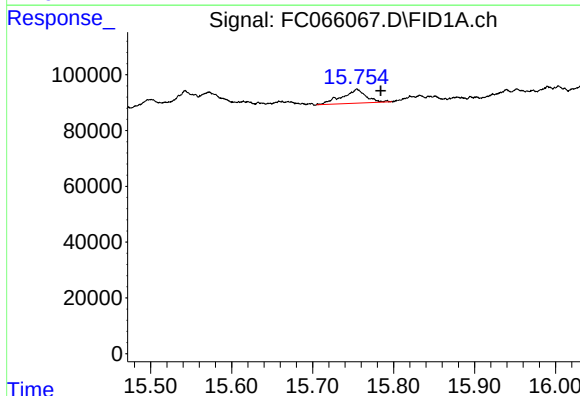
#13 n-Docosane (C22)

R.T.: 13.646 min
Delta R.T.: -0.026 min
Response: 82518
Conc: 0.48 ug/ml



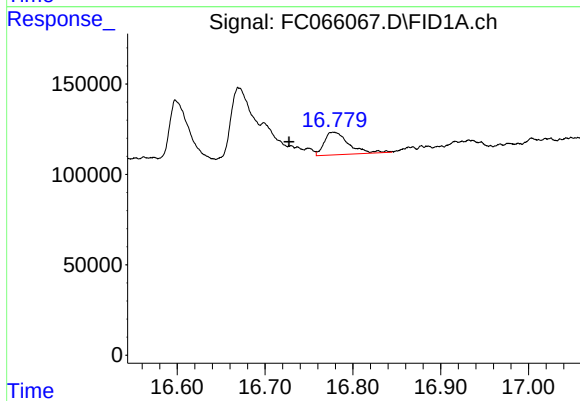
#14 n-Tetracosane (C24)

R.T.: 14.761 min
Delta R.T.: -0.008 min
Response: 1130341
Conc: 6.62 ug/ml



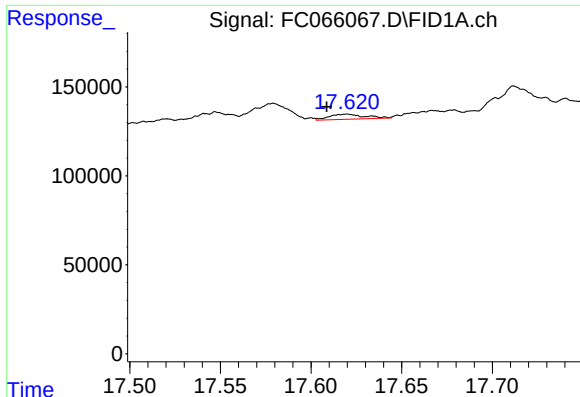
#15 n-Hexacosane (C26)

R.T.: 15.755 min
Delta R.T.: -0.029 min
Response: 102259
Conc: 0.61 ug/ml



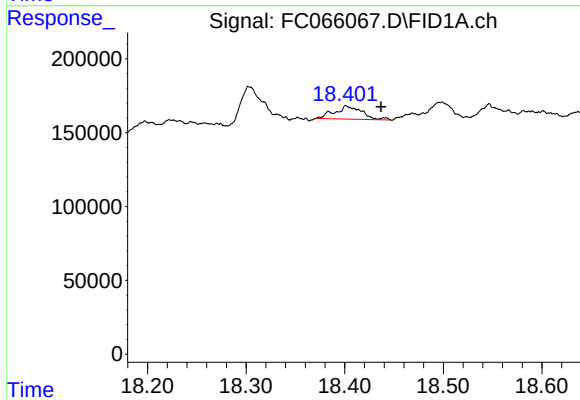
#16 n-Octacosane (C28)

R.T.: 16.778 min
Delta R.T.: 0.051 min
Response: 241768
Conc: 1.45 ug/ml



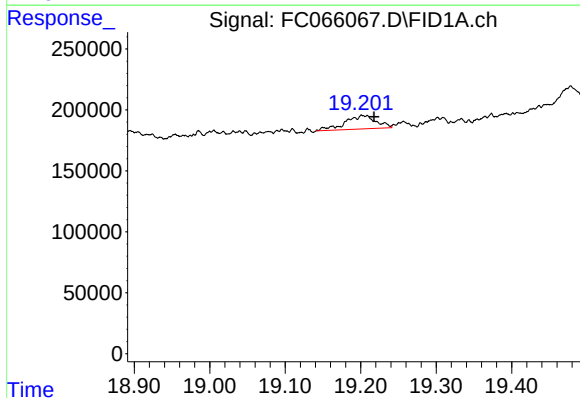
#17 n-Tricontane (C30)

R.T.: 17.619 min
Delta R.T.: 0.011 min
Response: 38872
Conc: 0.23 ug/ml



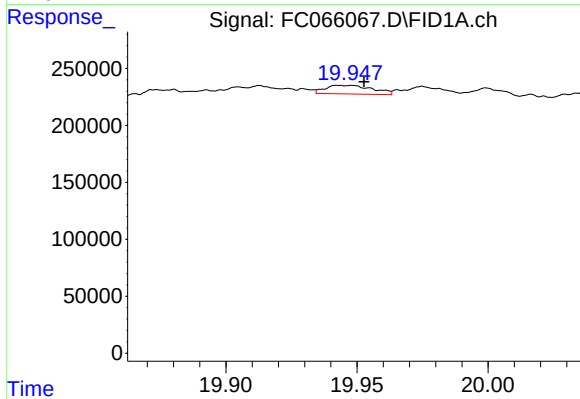
#18 n-Dotriacontane (C32)

R.T.: 18.403 min
Delta R.T.: -0.034 min
Response: 170583
Conc: 1.01 ug/ml



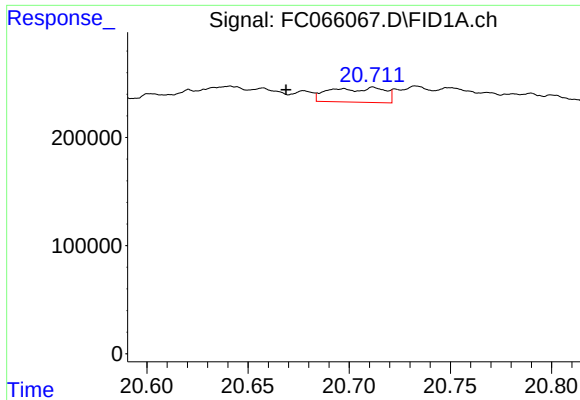
#19 n-Tetratriacontane (C34)

R.T.: 19.204 min
Delta R.T.: -0.013 min
Response: 310983
Conc: 1.90 ug/ml



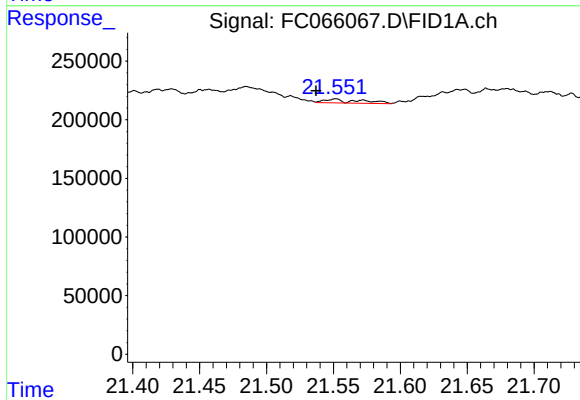
#20 n-Hexatriacontane (C36)

R.T.: 19.946 min
Delta R.T.: -0.007 min
Response: 94311
Conc: 0.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.696 min
Delta R.T.: 0.027 min
Response: 252763
Conc: 1.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.551 min
Delta R.T.: 0.014 min
Response: 60587
Conc: 0.38 ug/ml