

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062625AL\
 Data File : FC069309.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 04:54
 Operator : YP/AJ
 Sample : Q2423-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RT915

Integration File: autoint1.e
 Quant Time: Jun 27 05:32:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 2025
 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)	11.654	8004903	46.336 ug/ml
Spiked Amount 50.000		Recovery =	92.67%
12) S 1-chlorooctadecane (S...	13.140	112571120	861.676 ug/ml
Spiked Amount 50.000		Recovery =	1723.35%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.076	155183	0.965 ug/ml
4) T n-Dodecane (C12)	6.502	134638	0.889 ug/ml
5) T A~2-methylnaphthalene...	7.135	331100	2.092 ug/ml
6) T n-Tetradecane (C14)	8.303	512216	3.305 ug/ml
7) T n-Hexadecane (C16)	9.935	913415	5.590 ug/ml
8) T n-Octadecane (C18)	11.350	3803695	23.297 ug/ml
10) T n-Eicosane (C20)	12.702	103540915	678.336 ug/ml
11) T n-Heneicosane (C21)	13.261	67964706	461.113 ug/ml
13) T n-Docosane (C22)	13.864	34147170	237.327 ug/ml
14) T n-Tetracosane (C24)	14.973	3067066	22.236 ug/ml
15) T n-Hexacosane (C26)	16.013	876166	6.702 ug/ml
16) T n-Octacosane (C28)	16.934	775559	6.289 ug/ml
17) T n-Tricontane (C30)	17.846	290094	2.440 ug/ml
18) T n-Dotriacontane (C32)	18.674	864559	7.907 ug/ml
19) T n-Tetratriacontane (C34)	19.493	425531	4.407 ug/ml
20) T n-Hexatriacontane (C36)	20.249	53005	0.643 ug/ml
21) T n-Octatriacontane (C38)	20.945	211694	2.833 ug/ml

(f)=RT Delta > 1/2 Window

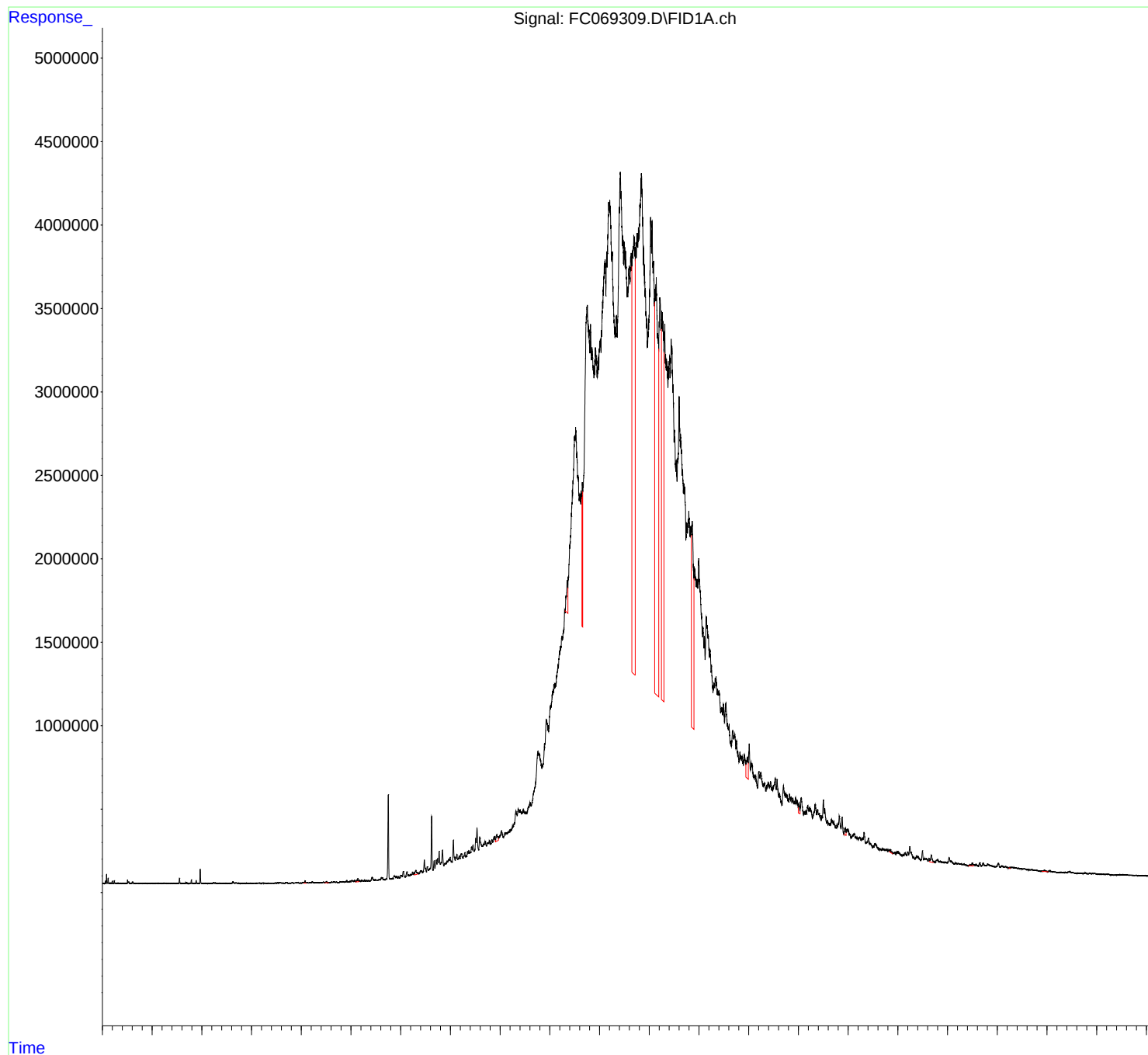
(m)=manual int.

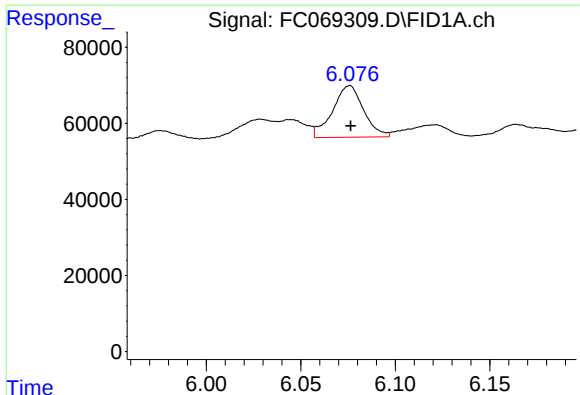
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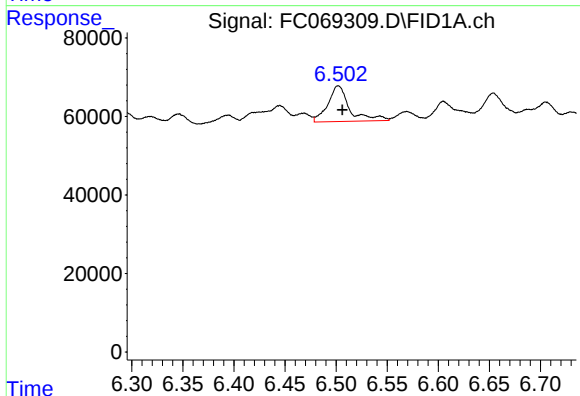




#3 A~Naphthalene (C11.7)

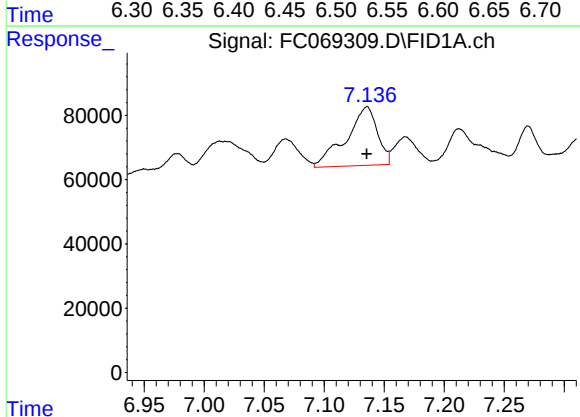
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 155183
Conc: 0.96 ug/ml

Instrument :
FID_C
ClientSampleId :
RT915



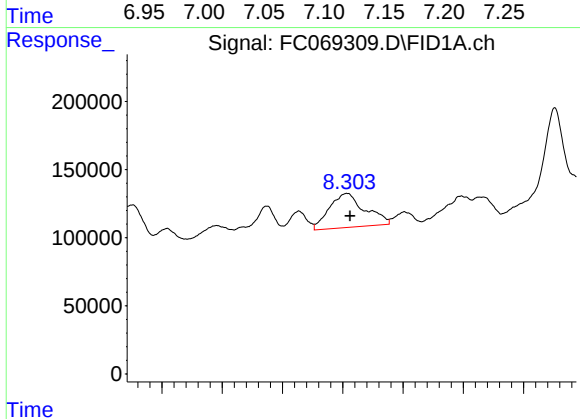
#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: -0.004 min
Response: 134638
Conc: 0.89 ug/ml



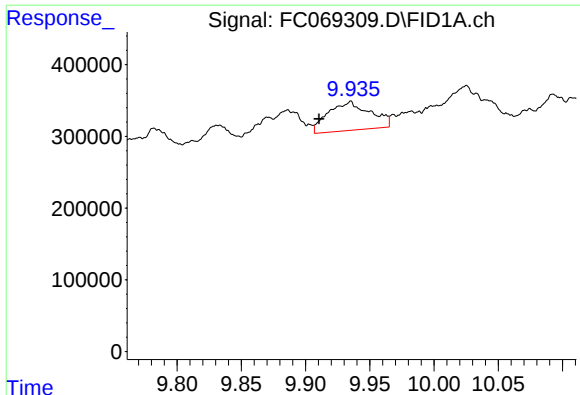
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 331100
Conc: 2.09 ug/ml



#6 n-Tetradecane (C14)

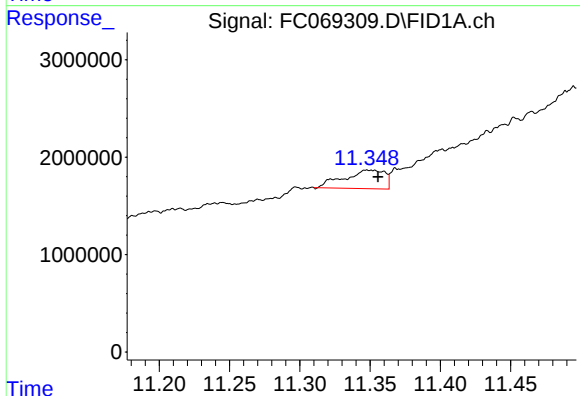
R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 512216
Conc: 3.30 ug/ml



#7 n-Hexadecane (C16)

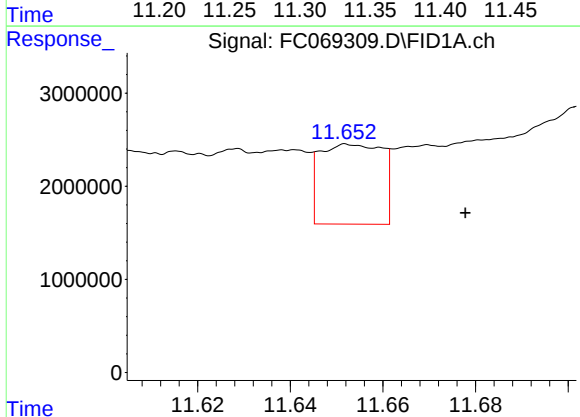
R.T.: 9.935 min
Delta R.T.: 0.024 min
Response: 913415
Conc: 5.59 ug/ml

Instrument :
FID_C
ClientSampleId :
RT915



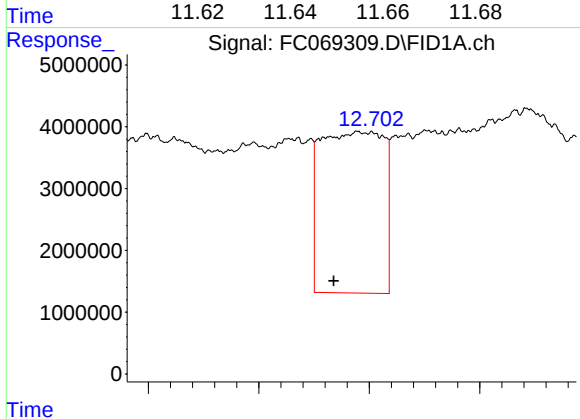
#8 n-Octadecane (C18)

R.T.: 11.350 min
Delta R.T.: -0.006 min
Response: 3803695
Conc: 23.30 ug/ml



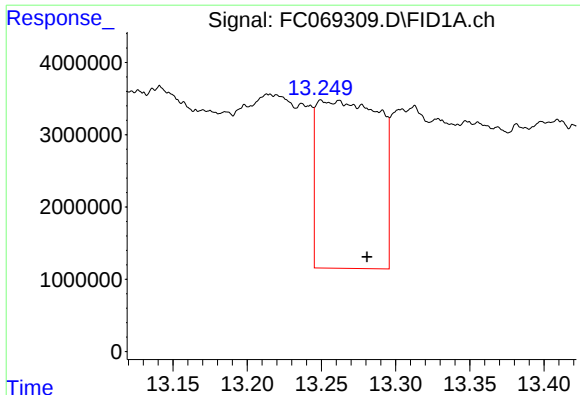
#9 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: -0.024 min
Response: 8004903
Conc: 46.34 ug/ml



#10 n-Eicosane (C20)

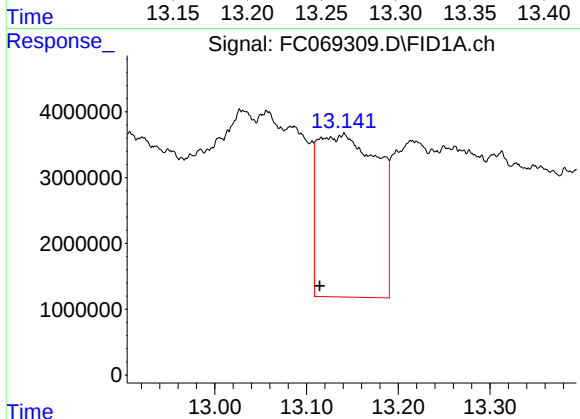
R.T.: 12.702 min
Delta R.T.: 0.034 min
Response: 103540915
Conc: 678.34 ug/ml



#11 n-Heneicosane (C21)

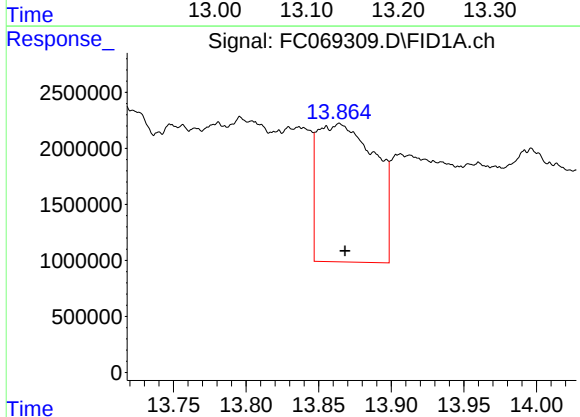
R.T.: 13.261 min
Delta R.T.: -0.020 min
Response: 67964706
Conc: 461.11 ug/ml

Instrument :
FID_C
ClientSampleId :
RT915



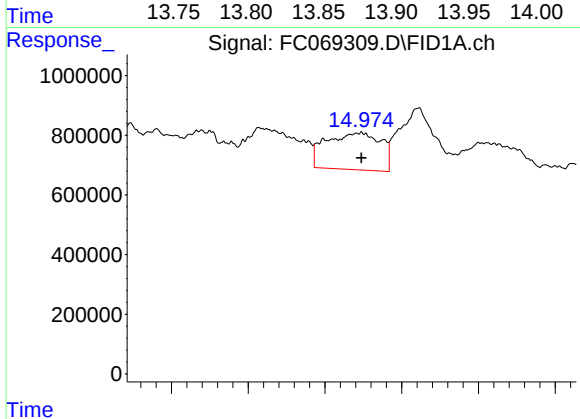
#12 1-chlorooctadecane (SURR)

R.T.: 13.140 min
Delta R.T.: 0.026 min
Response: 112571120
Conc: 861.68 ug/ml



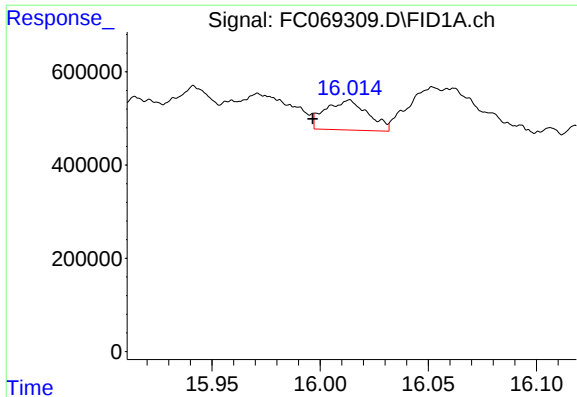
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: -0.004 min
Response: 34147170
Conc: 237.33 ug/ml



#14 n-Tetracosane (C24)

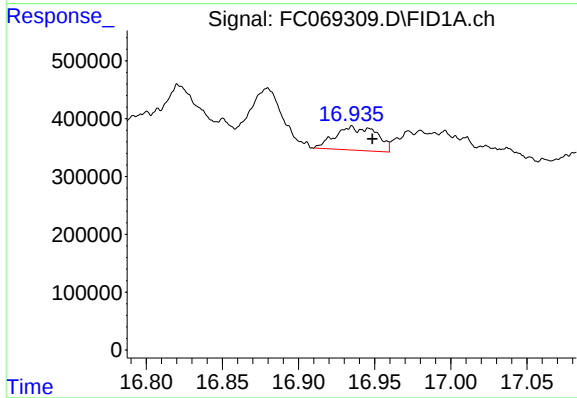
R.T.: 14.973 min
Delta R.T.: -0.001 min
Response: 3067066
Conc: 22.24 ug/ml



#15 n-Hexacosane (C26)

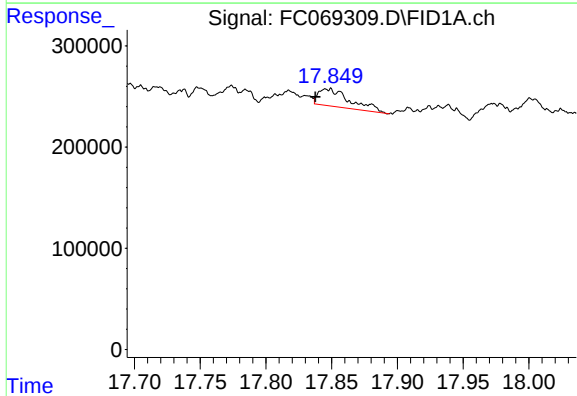
R.T.: 16.013 min
Delta R.T.: 0.016 min
Response: 876166
Conc: 6.70 ug/ml

Instrument :
FID_C
ClientSampleId :
RT915



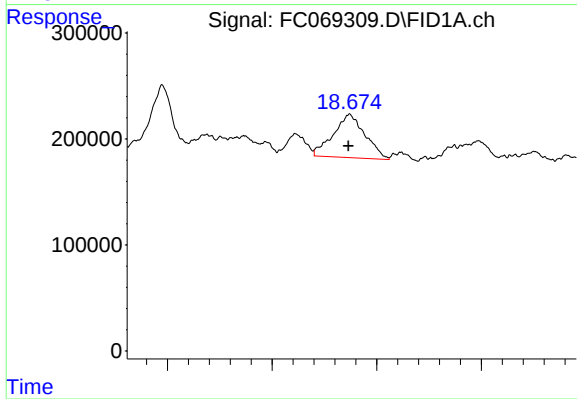
#16 n-Octacosane (C28)

R.T.: 16.934 min
Delta R.T.: -0.014 min
Response: 775559
Conc: 6.29 ug/ml



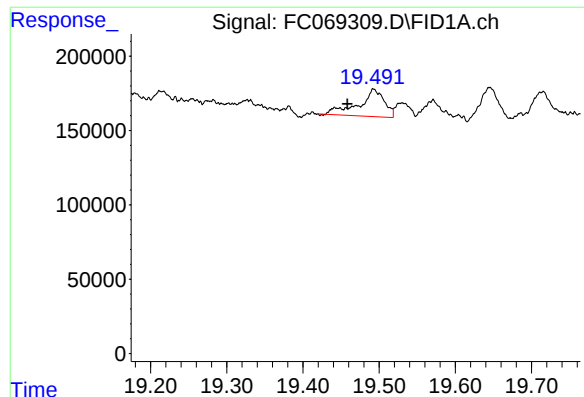
#17 n-Tricontane (C30)

R.T.: 17.846 min
Delta R.T.: 0.009 min
Response: 290094
Conc: 2.44 ug/ml



#18 n-Dotriacontane (C32)

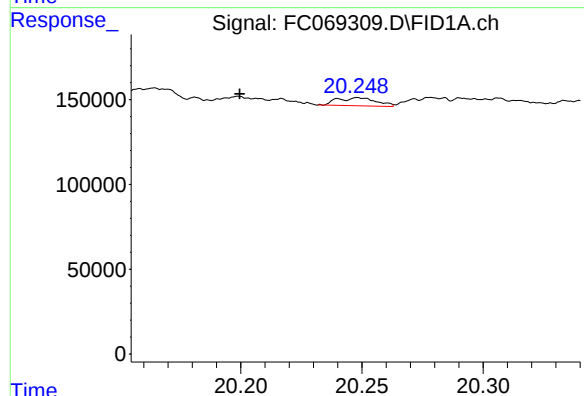
R.T.: 18.674 min
Delta R.T.: 0.001 min
Response: 864559
Conc: 7.91 ug/ml



#19 n-Tetratriacontane (C34)

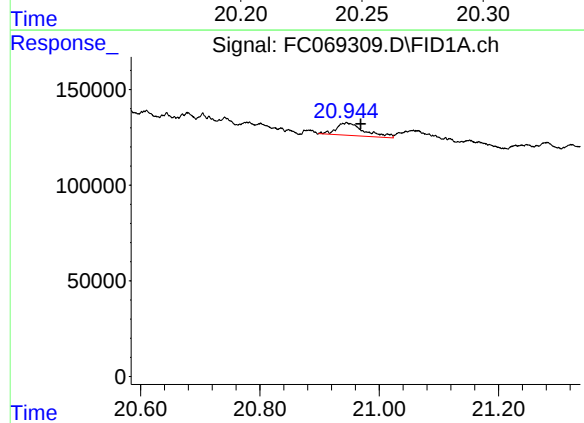
R.T.: 19.493 min
Delta R.T.: 0.035 min
Response: 425531
Conc: 4.41 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.249 min
Delta R.T.: 0.049 min
Response: 53005
Conc: 0.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.945 min
Delta R.T.: -0.023 min
Response: 211694
Conc: 2.83 ug/ml