

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052025AL\
 Data File : FC068933.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2025 16:54
 Operator : YP/AJ
 Sample : Q2068-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LAW-25-0074

Integration File: autoint1.e
 Quant Time: May 21 05:23:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.722	71736345	628.499 ug/ml
Spiked Amount 50.000		Recovery	= 1257.00%
12) S 1-chlorooctadecane (S...	13.134	132070680	1646.231 ug/ml
Spiked Amount 50.000		Recovery	= 3292.46%
Target Compounds			
1) T n-Nonane (C9)	3.434	93002	0.925 ug/ml
2) T n-Decane (C10)	4.516	173192	1.738 ug/ml
3) T A~Naphthalene (C11.7)	6.117	172848	1.568 ug/ml
4) T n-Dodecane (C12)	6.542	911701	9.382 ug/ml
5) T A~2-methylnaphthalene...	7.177	386568	3.602 ug/ml
6) T n-Tetradecane (C14)	8.399f	949294	10.271 ug/ml
7) T n-Hexadecane (C16)	9.967	3613948	40.359 ug/ml
8) T n-Octadecane (C18)	11.404	27034427	308.197 ug/ml
10) T n-Eicosane (C20)	12.702	81177900	952.589 ug/ml
11) T n-Heneicosane (C21)	13.283	224281421	2659.093 ug/ml
13) T n-Docosane (C22)	13.896	51392869	614.320 ug/ml
14) T n-Tetracosane (C24)	15.009	4367971	52.495 ug/ml
15) T n-Hexacosane (C26)	16.027	700915	8.460 ug/ml
16) T n-Octacosane (C28)	16.972	373007	4.513 ug/ml
17) T n-Tricontane (C30)	17.875	834922	9.868 ug/ml
18) T n-Dotriacontane (C32)	18.691	245702	2.853 ug/ml
19) T n-Tetratriacontane (C34)	19.494	325339	3.819 ug/ml
20) T n-Hexatriacontane (C36)	20.224	193126	2.247 ug/ml
21) T n-Octatriacontane (C38)	20.962	303631	3.620 ug/ml

(f)=RT Delta > 1/2 Window

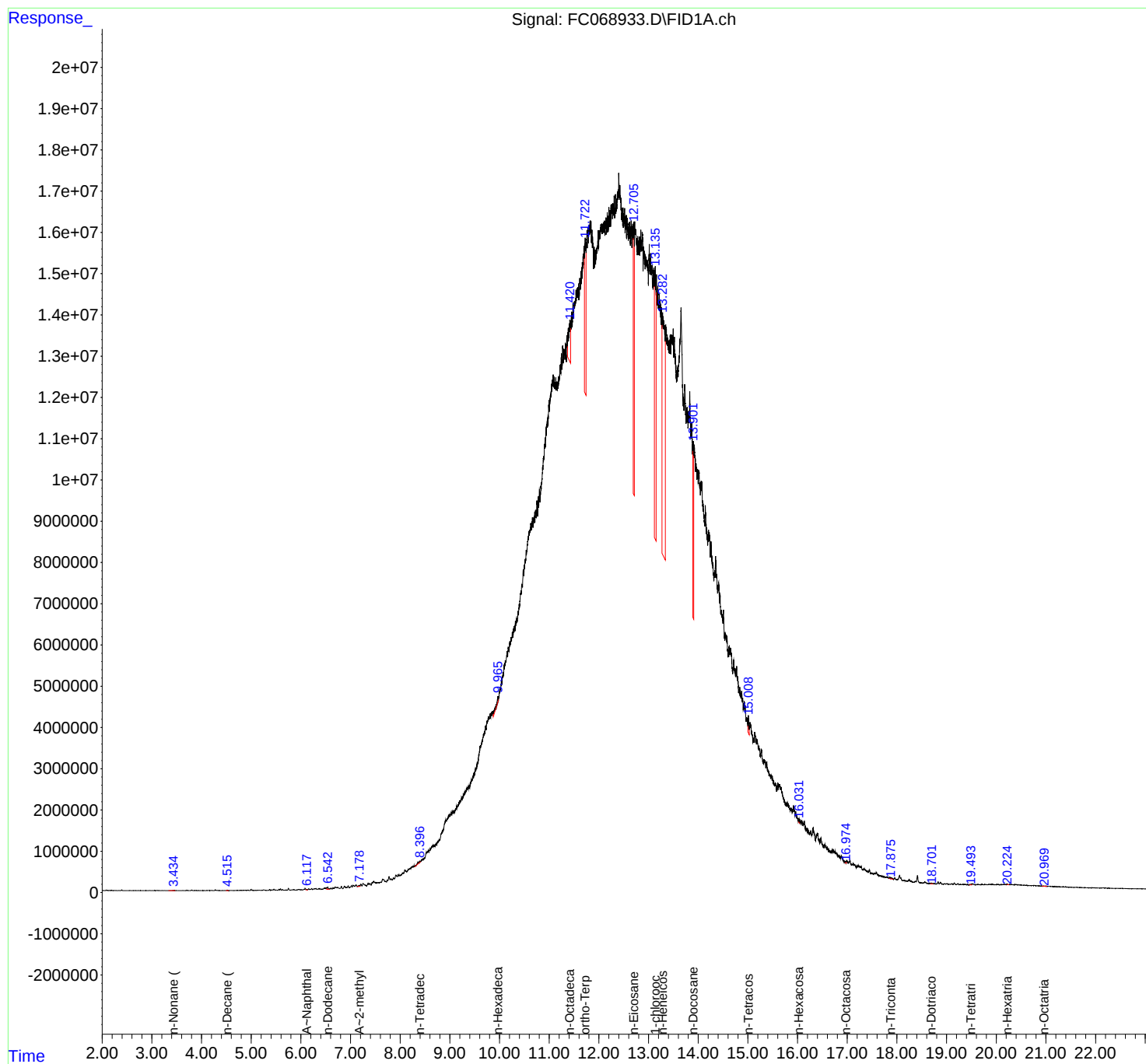
(m)=manual int.

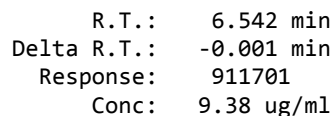
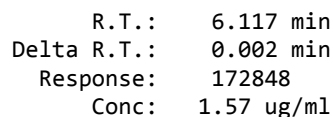
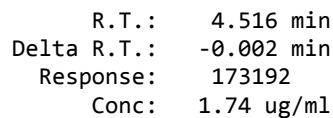
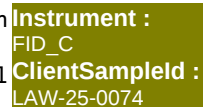
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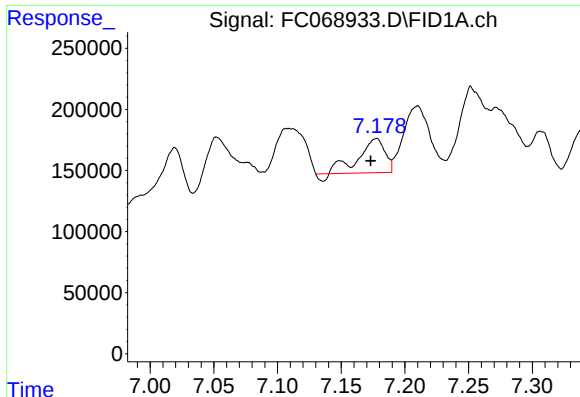
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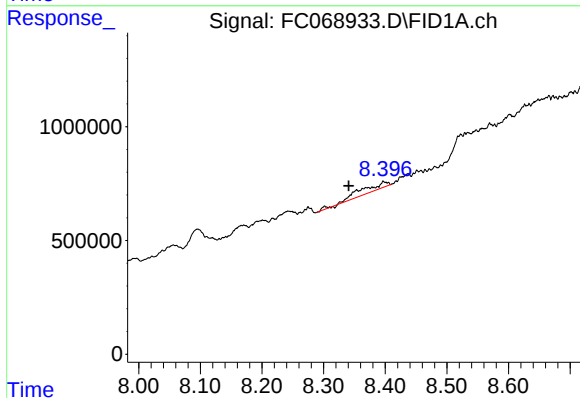




#5 A~2-methylnaphthalene (C12.89)

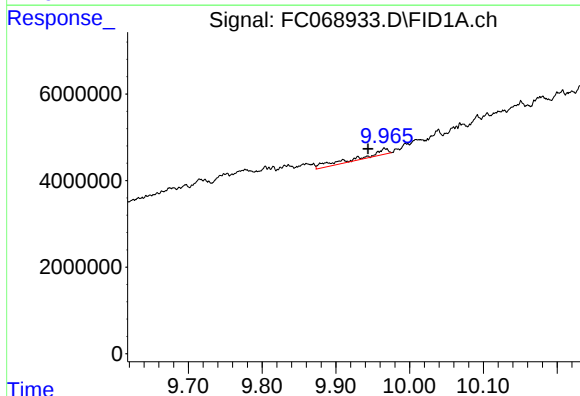
R.T.: 7.177 min
Delta R.T.: 0.004 min
Response: 386568
Conc: 3.60 ug/ml

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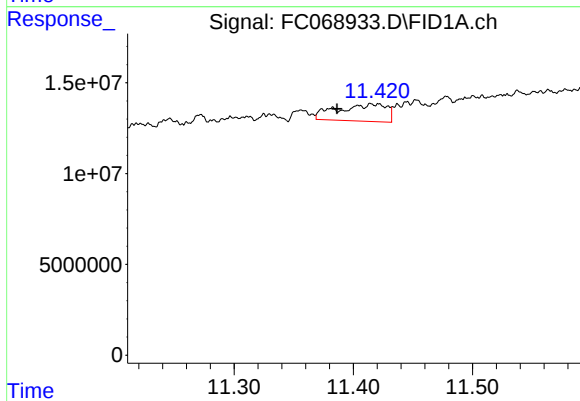
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.058 min
Response: 949294
Conc: 10.27 ug/ml



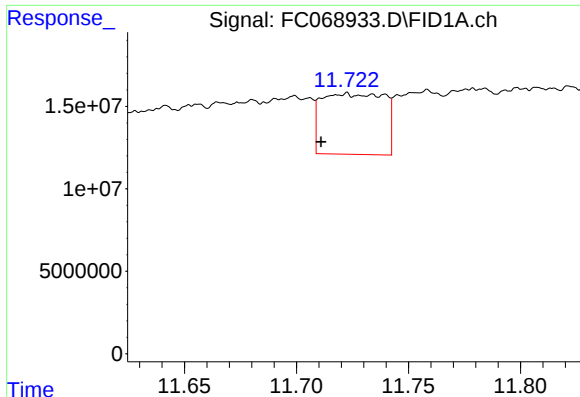
#7 n-Hexadecane (C16)

R.T.: 9.967 min
Delta R.T.: 0.023 min
Response: 3613948
Conc: 40.36 ug/ml



#8 n-Octadecane (C18)

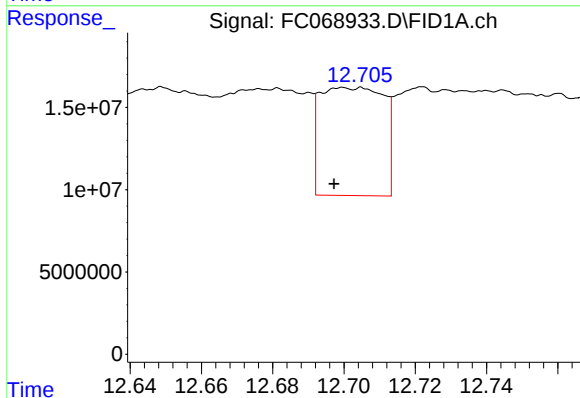
R.T.: 11.404 min
Delta R.T.: 0.018 min
Response: 27034427
Conc: 308.20 ug/ml



#9 ortho-Terphenyl (SURR)

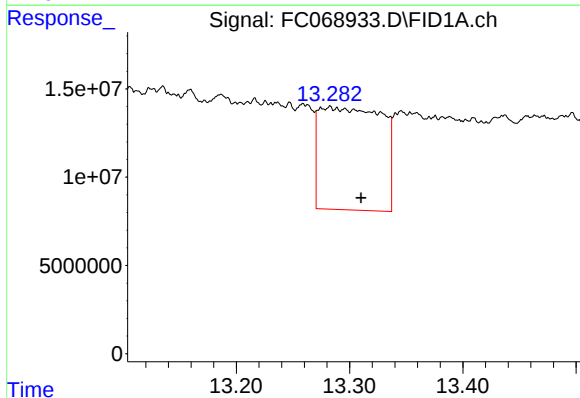
R.T.: 11.722 min
Delta R.T.: 0.011 min
Response: 71736345
Conc: 628.50 ug/ml

Instrument :
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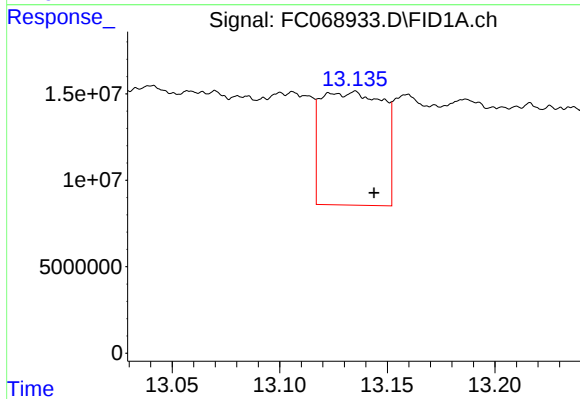
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: 0.004 min
Response: 81177900
Conc: 952.59 ug/ml



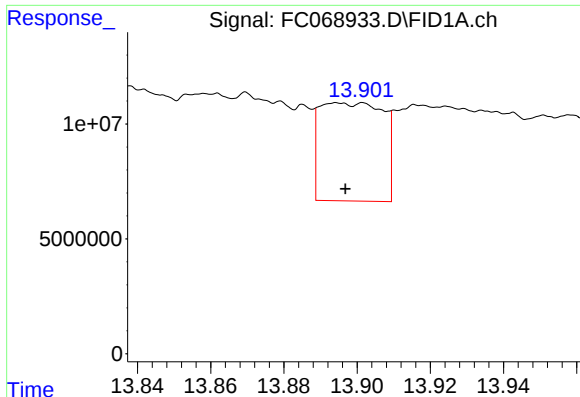
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: -0.027 min
Response: 224281421
Conc: 2659.09 ug/ml



#12 1-chlorooctadecane (SURR)

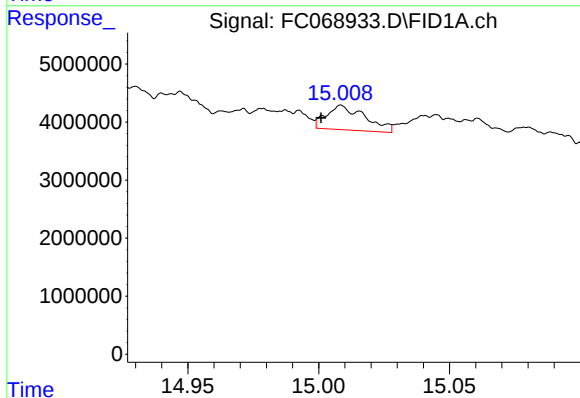
R.T.: 13.134 min
Delta R.T.: -0.010 min
Response: 132070680
Conc: 1646.23 ug/ml



#13 n-Docosane (C22)

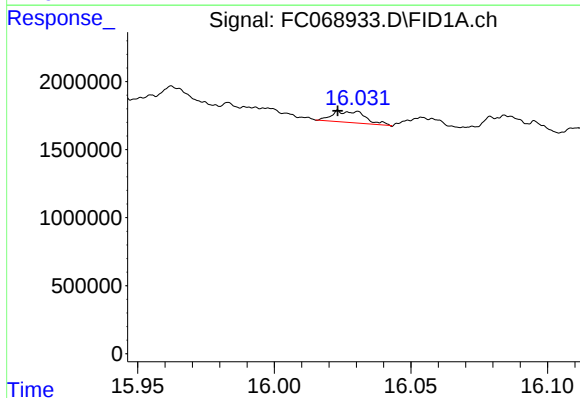
R.T.: 13.896 min
Delta R.T.: 0.000 min
Response: 51392869
Conc: 614.32 ug/ml

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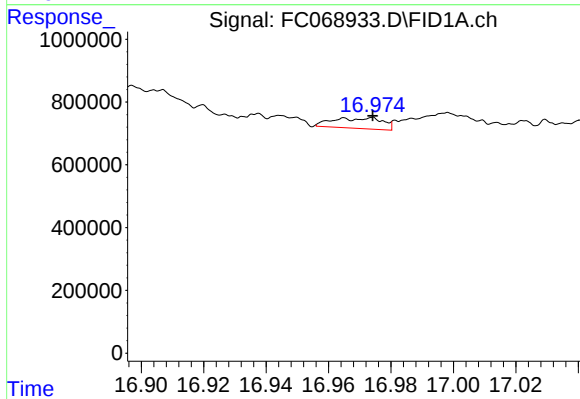
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.008 min
Response: 4367971
Conc: 52.50 ug/ml



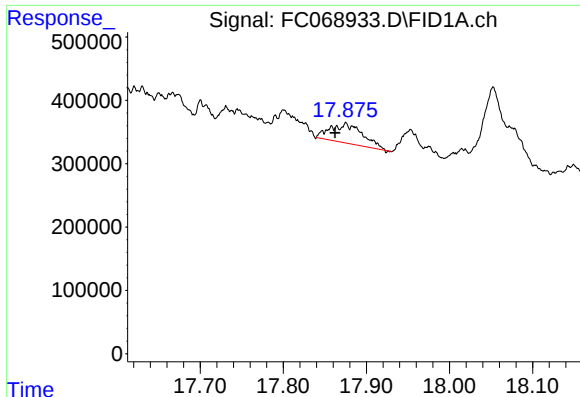
#15 n-Hexacosane (C26)

R.T.: 16.027 min
Delta R.T.: 0.004 min
Response: 700915
Conc: 8.46 ug/ml



#16 n-Octacosane (C28)

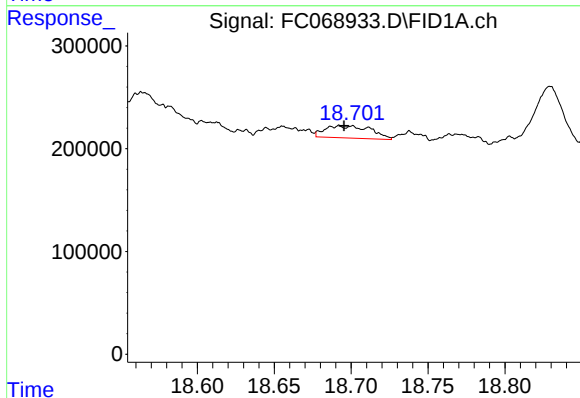
R.T.: 16.972 min
Delta R.T.: -0.002 min
Response: 373007
Conc: 4.51 ug/ml



#17 n-Tricontane (C30)

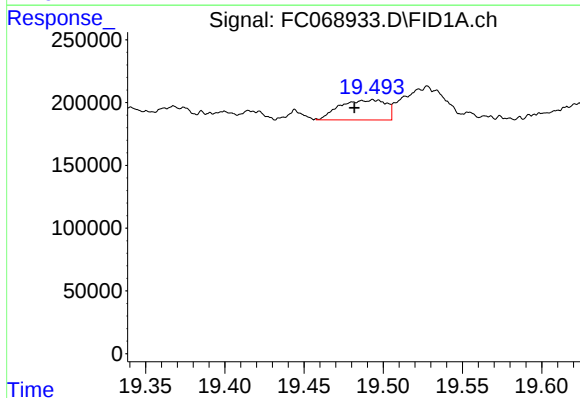
R.T.: 17.875 min
Delta R.T.: 0.013 min
Response: 834922
Conc: 9.87 ug/ml

Instrument :
FID_C
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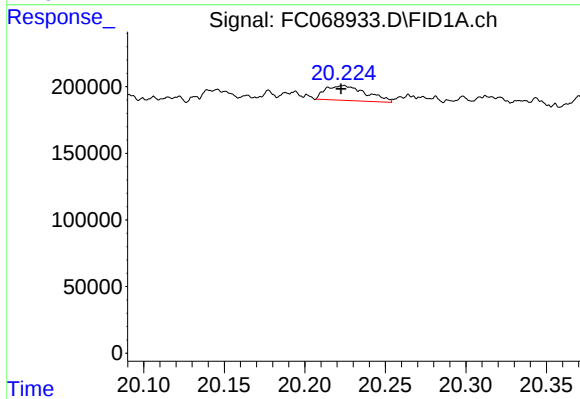
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.004 min
Response: 245702
Conc: 2.85 ug/ml



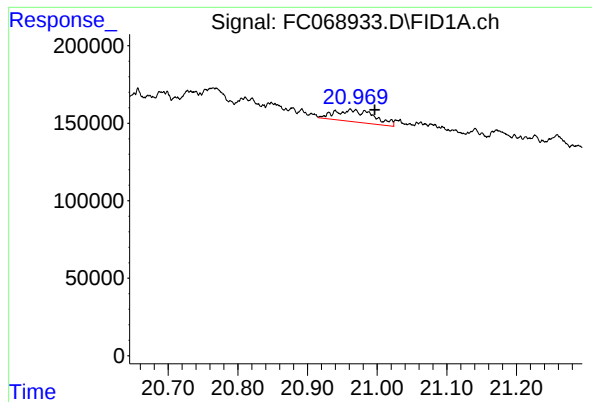
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: 0.012 min
Response: 325339
Conc: 3.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.224 min
Delta R.T.: 0.001 min
Response: 193126
Conc: 2.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.962 min
Delta R.T.: -0.034 min
Response: 303631
Conc: 3.62 ug/ml

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