

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042125AL\
 Data File : FC068652.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 11:56
 Operator : YP/AJ
 Sample : Q1832-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PL-714-01

Integration File: autoint1.e
 Quant Time: Apr 22 01:24:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.721	4571728	35.902 ug/ml
Spiked Amount 50.000		Recovery =	71.80%
12) S 1-chlorooctadecane (S...	13.157	7412781	79.798 ug/ml
Spiked Amount 50.000		Recovery =	159.60%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.119	190509	1.636 ug/ml
5) T A~2-methylnaphthalene...	7.177	172593	1.494 ug/ml
6) T n-Tetradecane (C14)	8.330	81568	0.793 ug/ml
7) T n-Hexadecane (C16)	9.964	536869	5.272 ug/ml
8) T n-Octadecane (C18)	11.346	157944	1.570 ug/ml
10) T n-Eicosane (C20)	12.699	701102	7.128 ug/ml
11) T n-Heneicosane (C21)	13.339	1052322	10.798 ug/ml
13) T n-Docosane (C22)	13.942	2108300	21.826 ug/ml
14) T n-Tetracosane (C24)	15.014	8491507	89.211 ug/ml
16) T n-Octacosane (C28)	16.971	149167	1.629 ug/ml
17) T n-Tricontane (C30)	17.858	561637	6.109 ug/ml
18) T n-Dotriacontane (C32)	18.715	118148	1.288 ug/ml
19) T n-Tetratriacontane (C34)	19.501	172981	1.936 ug/ml
20) T n-Hexatriacontane (C36)	20.207	334116	3.730 ug/ml
22) T n-Tetracontane (C40)	21.973	205648	2.329 ug/ml

(f)=RT Delta > 1/2 Window

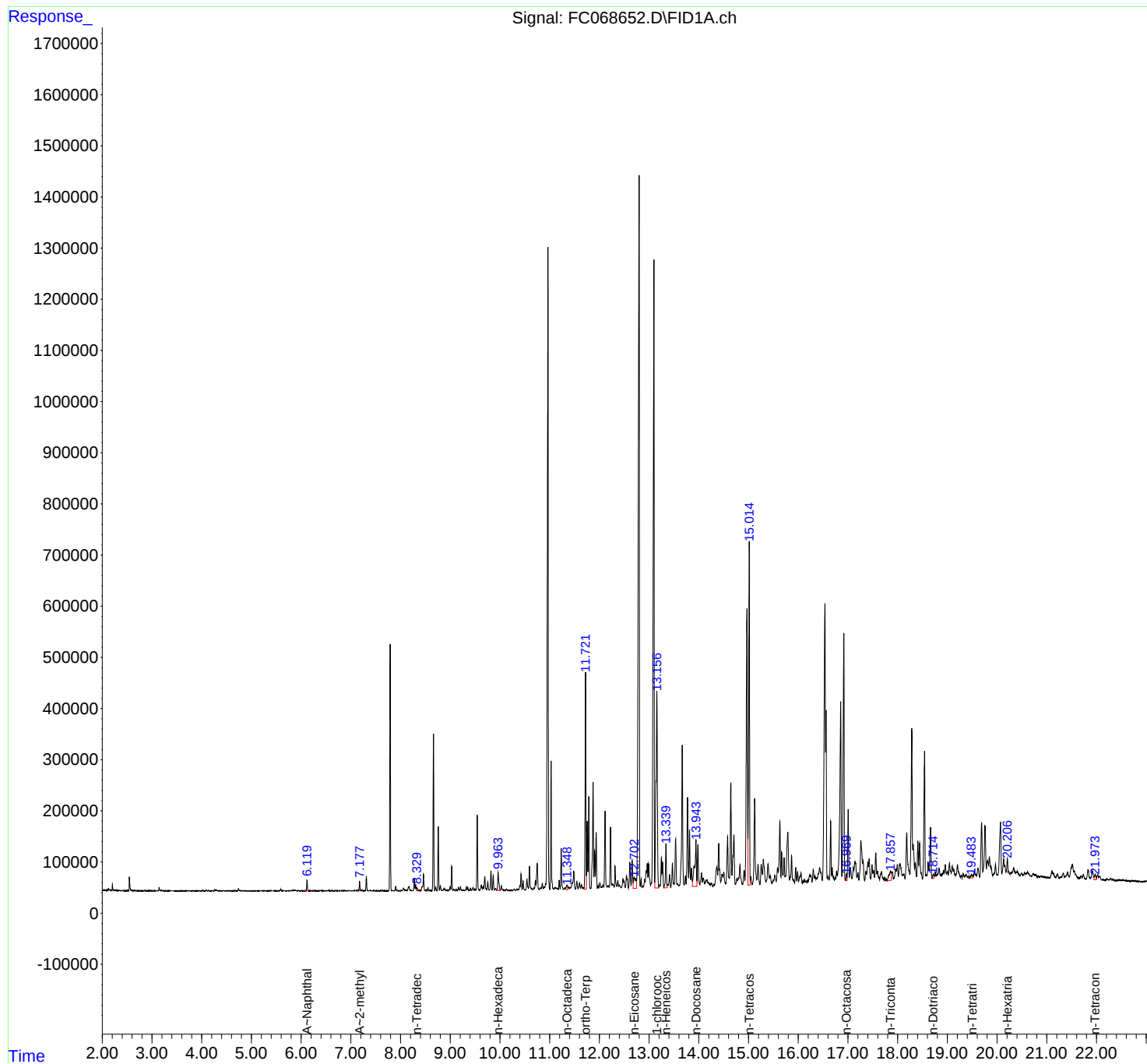
(m)=manual int.

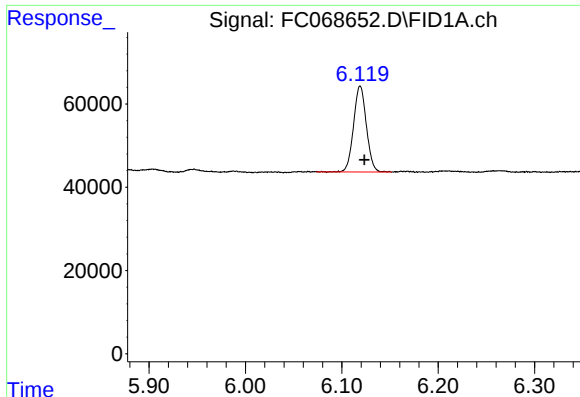
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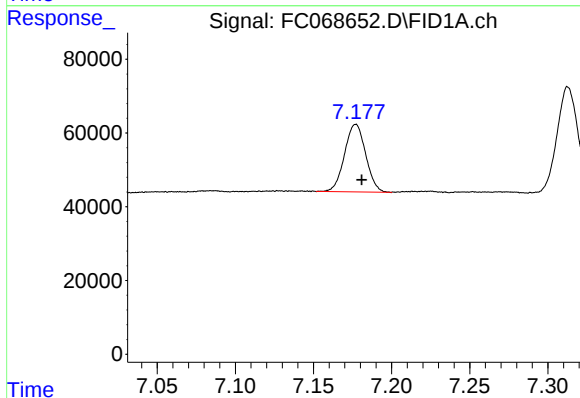




#3 A~Naphthalene (C11.7)

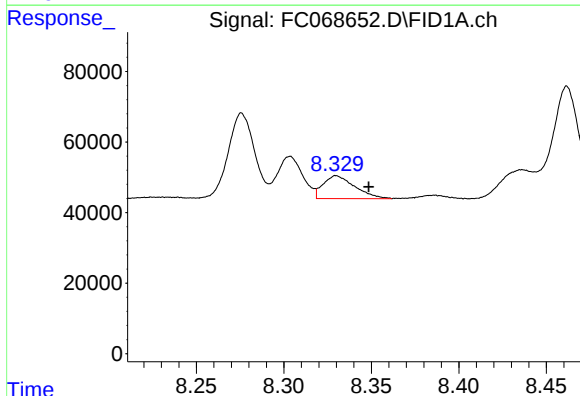
R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 190509
Conc: 1.64 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-714-01



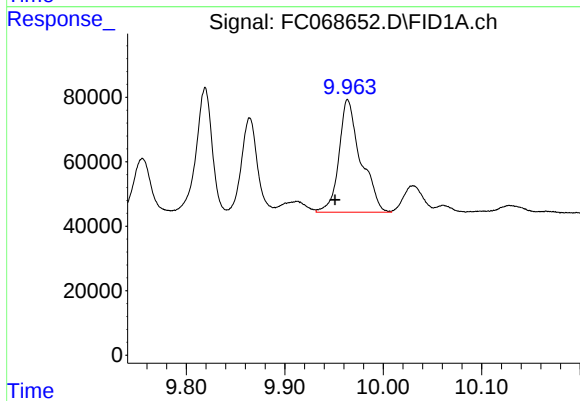
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.177 min
Delta R.T.: -0.004 min
Response: 172593
Conc: 1.49 ug/ml



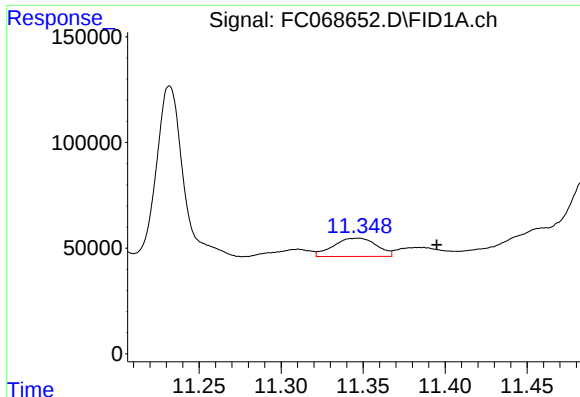
#6 n-Tetradecane (C14)

R.T.: 8.330 min
Delta R.T.: -0.018 min
Response: 81568
Conc: 0.79 ug/ml



#7 n-Hexadecane (C16)

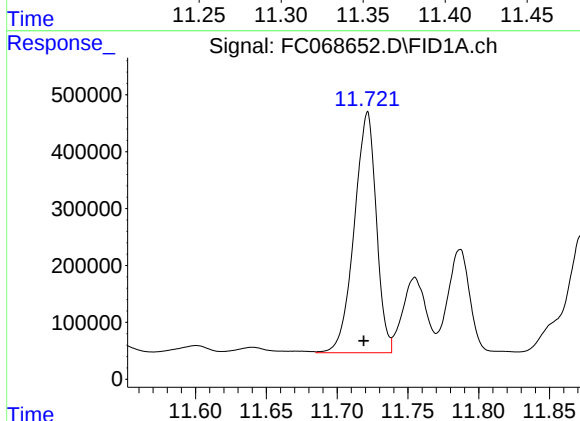
R.T.: 9.964 min
Delta R.T.: 0.013 min
Response: 536869
Conc: 5.27 ug/ml



#8 n-Octadecane (C18)

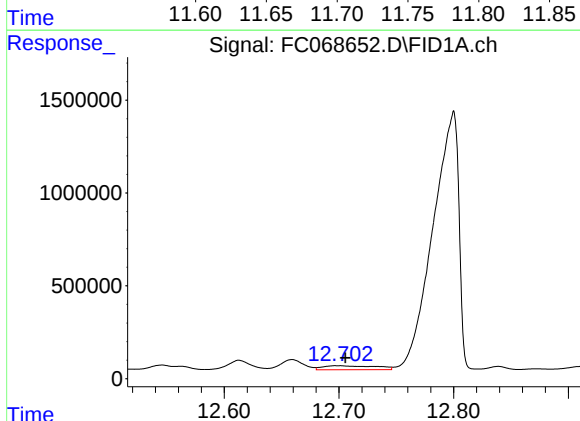
R.T.: 11.346 min
Delta R.T.: -0.049 min
Response: 157944
Conc: 1.57 ug/ml

Instrument :
FID_C
ClientSampleId :
PL-714-01



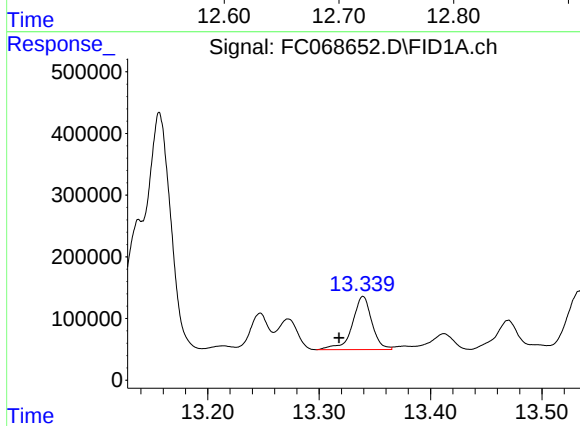
#9 ortho-Terphenyl (SURR)

R.T.: 11.721 min
Delta R.T.: 0.002 min
Response: 4571728
Conc: 35.90 ug/ml



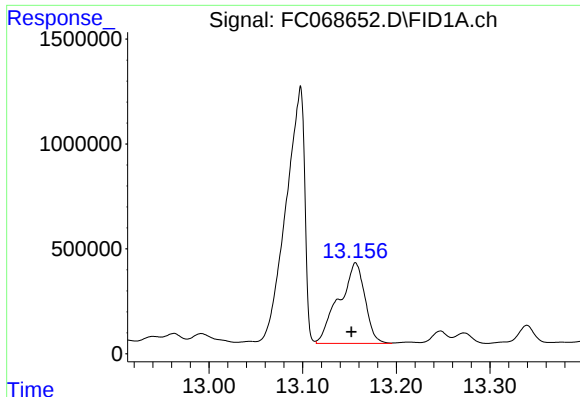
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: -0.007 min
Response: 701102
Conc: 7.13 ug/ml



#11 n-Heneicosane (C21)

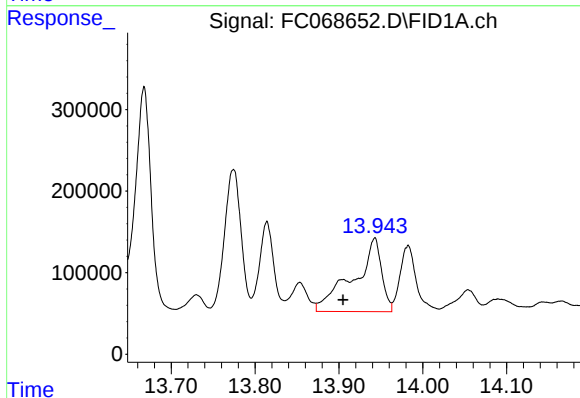
R.T.: 13.339 min
Delta R.T.: 0.022 min
Response: 1052322
Conc: 10.80 ug/ml



#12 1-chlorooctadecane (SURR)

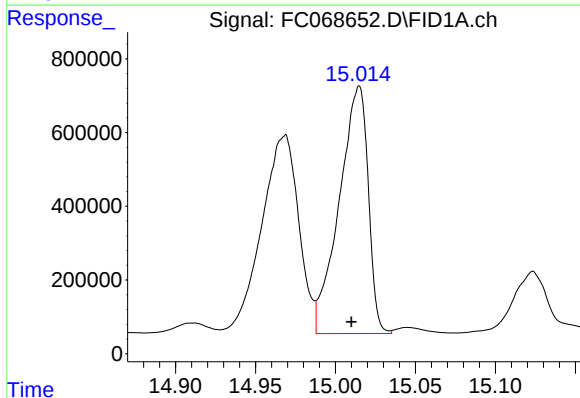
R.T.: 13.157 min
Delta R.T.: 0.005 min
Response: 7412781
Conc: 79.80 ug/ml

Instrument :
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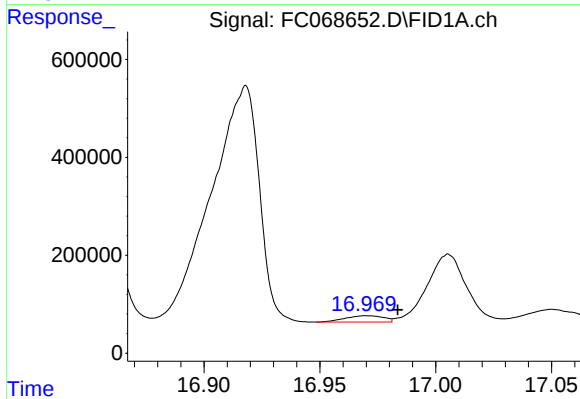
#13 n-Docosane (C22)

R.T.: 13.942 min
Delta R.T.: 0.037 min
Response: 2108300
Conc: 21.83 ug/ml



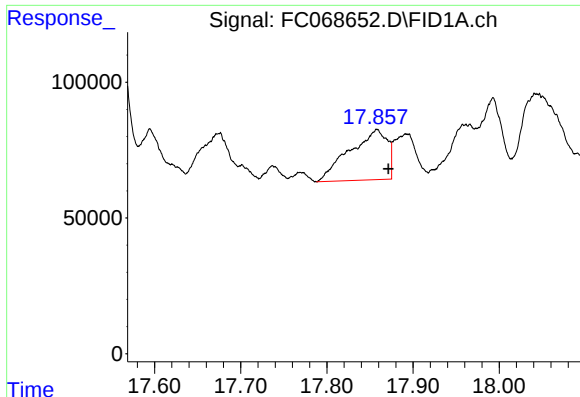
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: 0.004 min
Response: 8491507
Conc: 89.21 ug/ml



#16 n-Octacosane (C28)

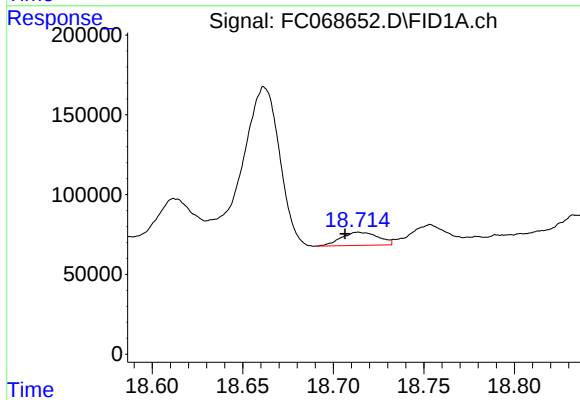
R.T.: 16.971 min
Delta R.T.: -0.013 min
Response: 149167
Conc: 1.63 ug/ml



#17 n-Tricontane (C30)

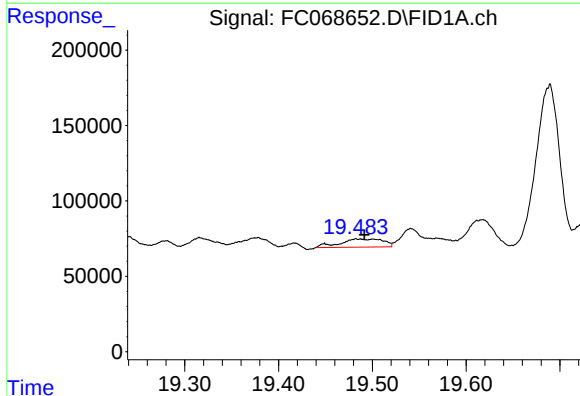
R.T.: 17.858 min
Delta R.T.: -0.013 min
Response: 561637
Conc: 6.11 ug/ml

Instrument :
FID_C
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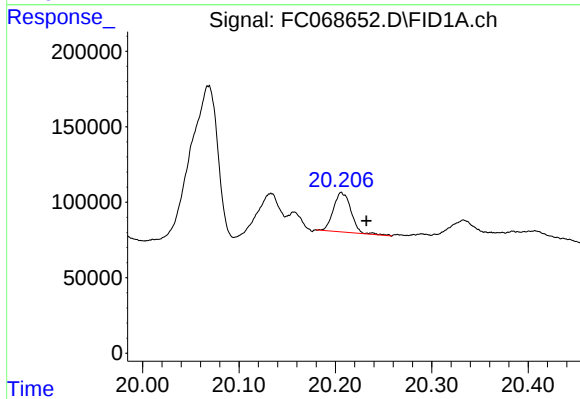
#18 n-Dotriacontane (C32)

R.T.: 18.715 min
Delta R.T.: 0.008 min
Response: 118148
Conc: 1.29 ug/ml



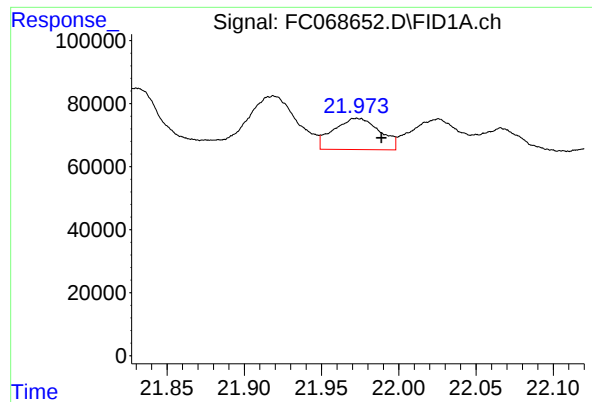
#19 n-Tetratriacontane (C34)

R.T.: 19.501 min
Delta R.T.: 0.010 min
Response: 172981
Conc: 1.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.207 min
Delta R.T.: -0.025 min
Response: 334116
Conc: 3.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: -0.015 min
Response: 205648
Conc: 2.33 ug/ml

Instrument :
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