

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041425AL\
 Data File : FC068594.D
 Signal(s) : FID1A.ch
 Acq On : 14 Apr 2025 16:26
 Operator : YP/AJ
 Sample : Q1792-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 01:16:34 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)	11.716	4041747	31.740 ug/ml
Spiked Amount 50.000		Recovery =	63.48%
12) S 1-chlorooctadecane (S...	13.149	2993230	32.222 ug/ml
Spiked Amount 50.000		Recovery =	64.44%
Target Compounds			
4) T n-Dodecane (C12)	6.545	87030	0.828 ug/ml
5) T A~2-methylnaphthalene...	7.183	60470	0.524 ug/ml
6) T n-Tetradecane (C14)	8.343	498121	4.845 ug/ml
7) T n-Hexadecane (C16)	9.946	833106	8.180 ug/ml
8) T n-Octadecane (C18)	11.390	749247	7.445 ug/ml
10) T n-Eicosane (C20)	12.700	508535	5.170 ug/ml
11) T n-Heneicosane (C21)	13.313	325626	3.341 ug/ml
13) T n-Docosane (C22)	13.900	270704	2.802 ug/ml
14) T n-Tetracosane (C24)	15.003	206975	2.174 ug/ml
15) T n-Hexacosane (C26)	16.029	151482	1.622 ug/ml
16) T n-Octacosane (C28)	16.980	172869	1.888 ug/ml
17) T n-Tricontane (C30)	17.870	213982	2.328 ug/ml
18) T n-Dotriacontane (C32)	18.704	191636	2.089 ug/ml
19) T n-Tetratriacontane (C34)	19.492	163737	1.833 ug/ml
20) T n-Hexatriacontane (C36)	20.231	96004	1.072 ug/ml
21) T n-Octatriacontane (C38)	21.001	290654	3.287 ug/ml
22) T n-Tetracontane (C40)	21.985	131101	1.485 ug/ml

(f)=RT Delta > 1/2 Window

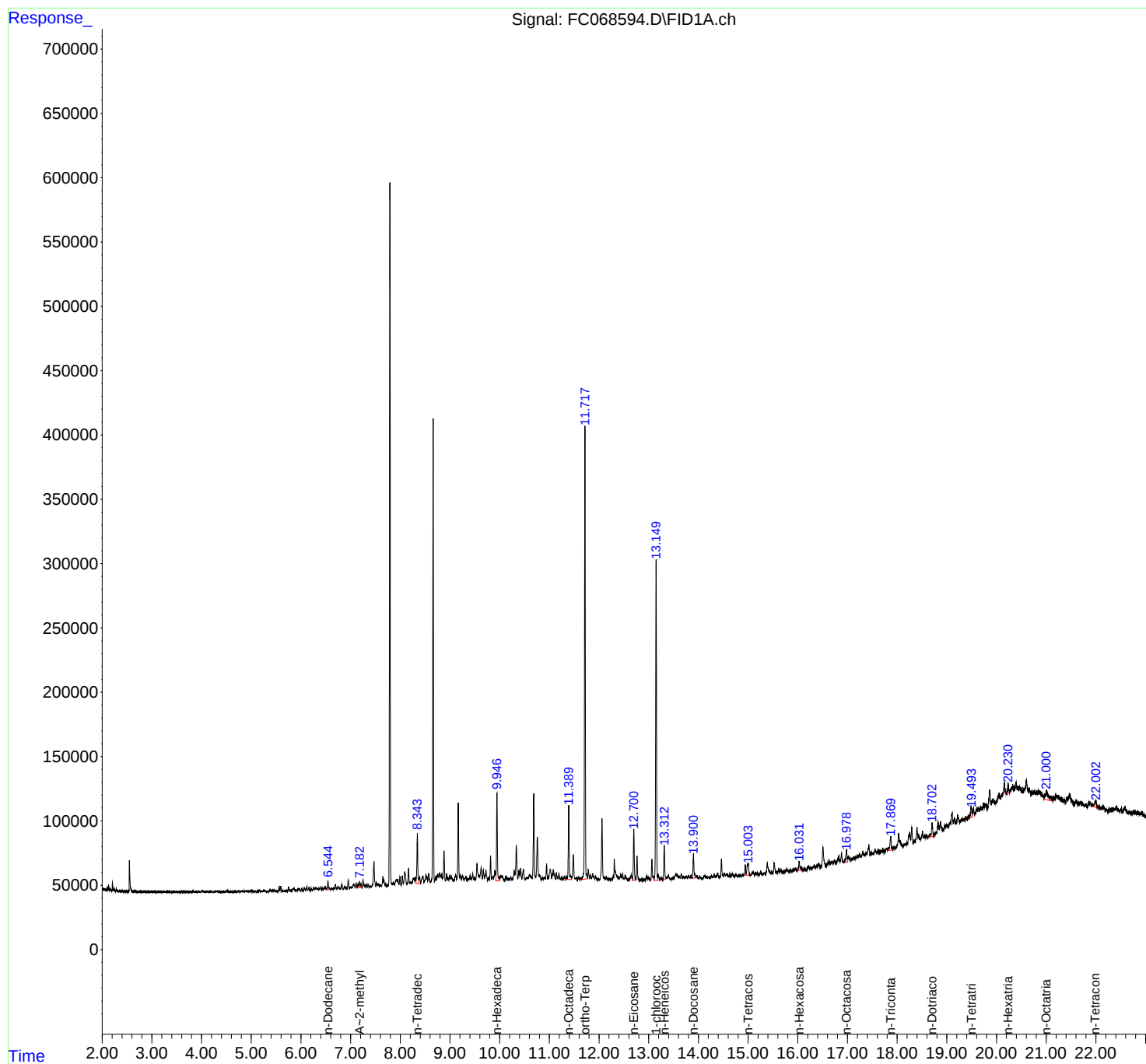
(m)=manual int.

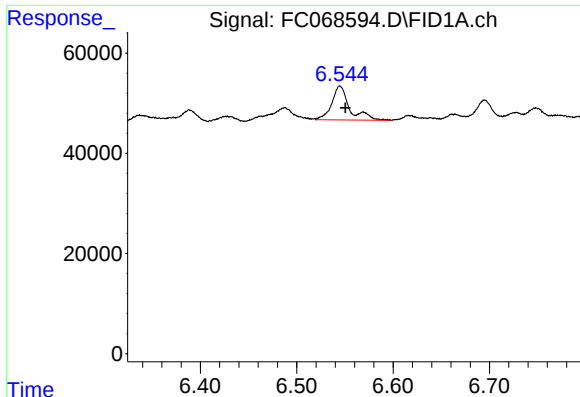
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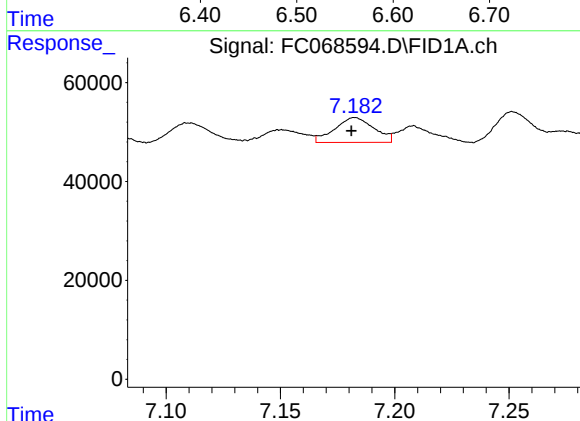




#4 n-Dodecane (C12)

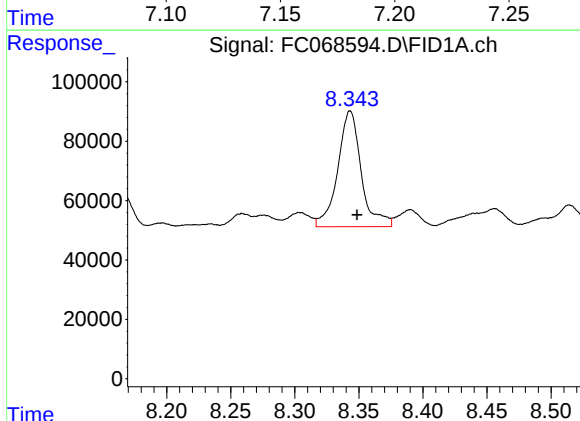
R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 87030
Conc: 0.83 ug/ml

Instrument :
FID_C
ClientSampleId :



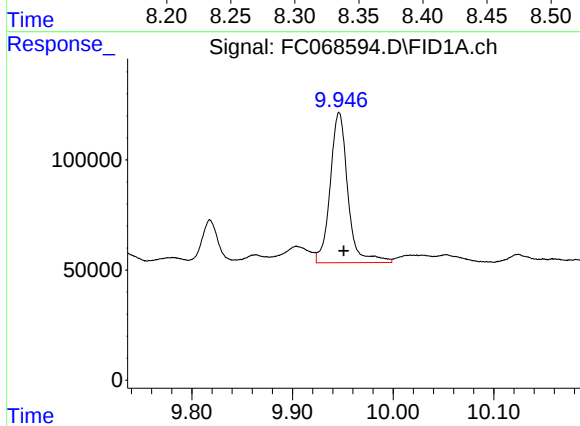
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.183 min
Delta R.T.: 0.002 min
Response: 60470
Conc: 0.52 ug/ml



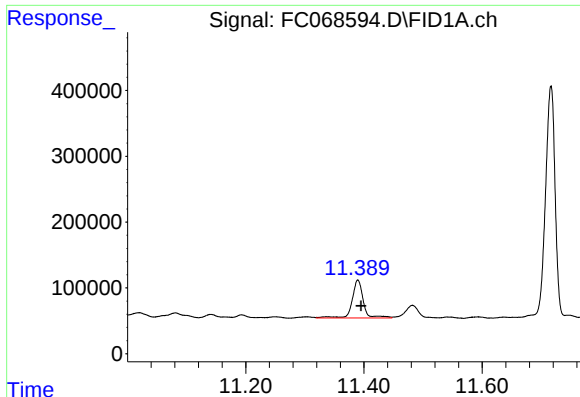
#6 n-Tetradecane (C14)

R.T.: 8.343 min
Delta R.T.: -0.005 min
Response: 498121
Conc: 4.85 ug/ml



#7 n-Hexadecane (C16)

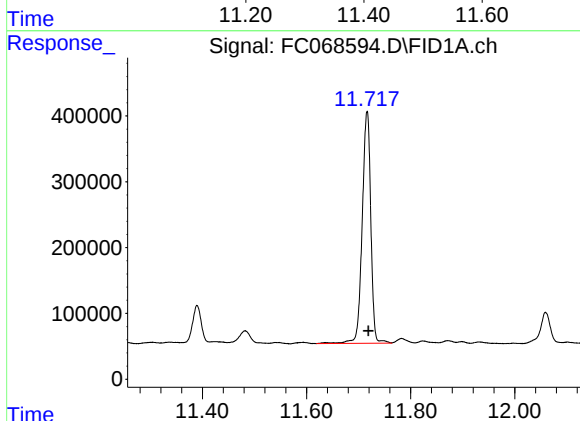
R.T.: 9.946 min
Delta R.T.: -0.005 min
Response: 833106
Conc: 8.18 ug/ml



#8 n-Octadecane (C18)

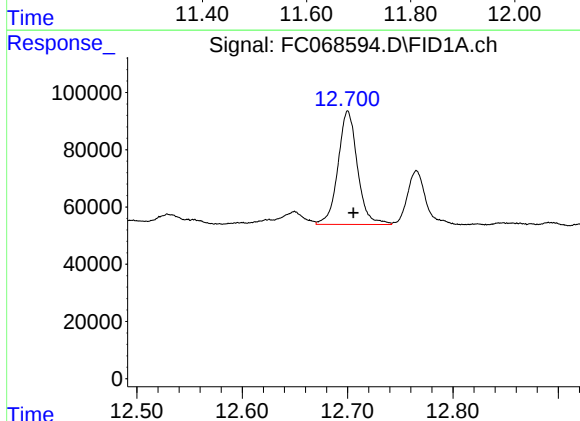
R.T.: 11.390 min
Delta R.T.: -0.005 min
Response: 749247
Conc: 7.45 ug/ml

Instrument :
FID_C
ClientSampleId :



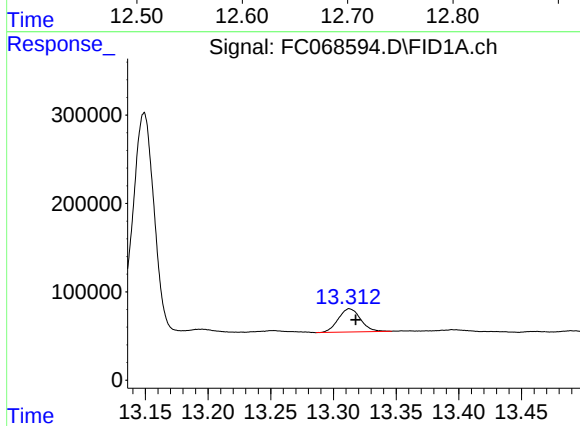
#9 ortho-Terphenyl (SURR)

R.T.: 11.716 min
Delta R.T.: -0.003 min
Response: 4041747
Conc: 31.74 ug/ml



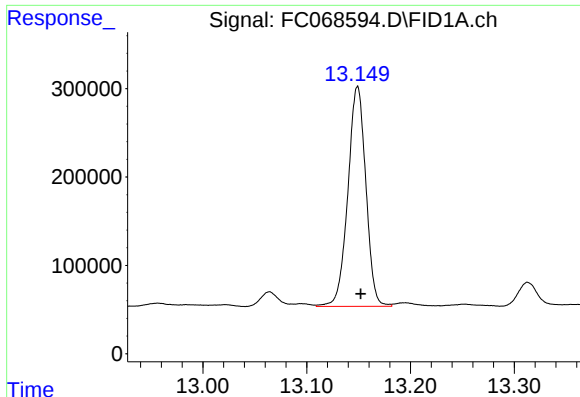
#10 n-Eicosane (C20)

R.T.: 12.700 min
Delta R.T.: -0.005 min
Response: 508535
Conc: 5.17 ug/ml



#11 n-Heneicosane (C21)

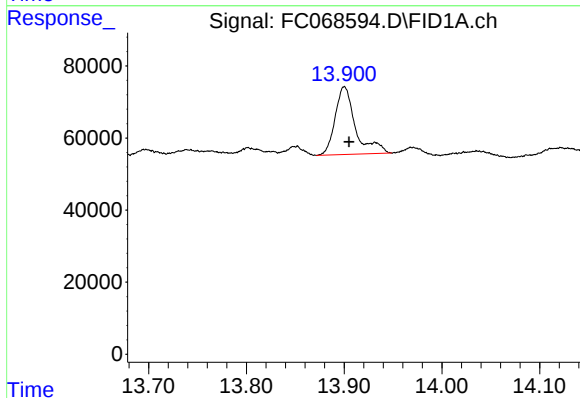
R.T.: 13.313 min
Delta R.T.: -0.005 min
Response: 325626
Conc: 3.34 ug/ml



#12 1-chlorooctadecane (SURR)

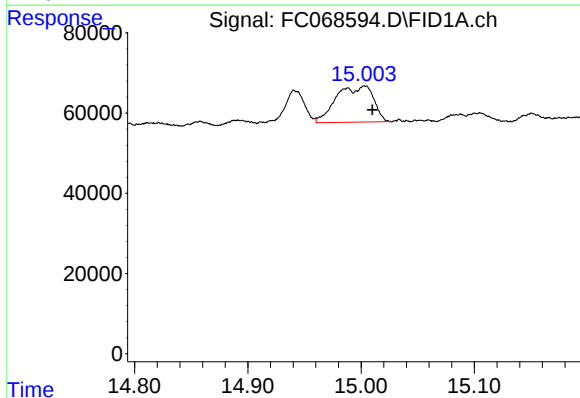
R.T.: 13.149 min
Delta R.T.: -0.003 min
Response: 2993230
Conc: 32.22 ug/ml

Instrument :
FID_C
ClientSampleId :



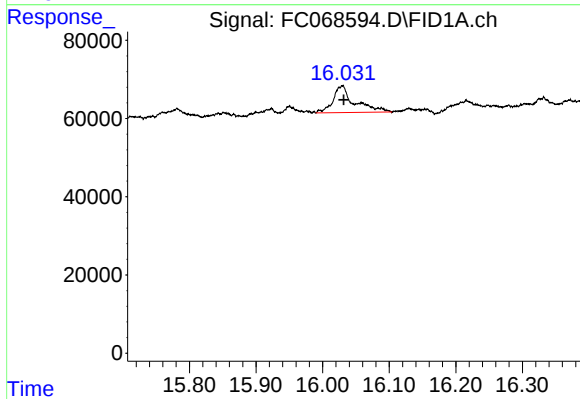
#13 n-Docosane (C22)

R.T.: 13.900 min
Delta R.T.: -0.005 min
Response: 270704
Conc: 2.80 ug/ml



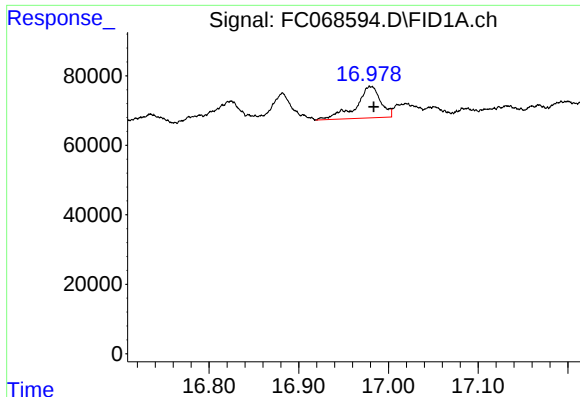
#14 n-Tetracosane (C24)

R.T.: 15.003 min
Delta R.T.: -0.007 min
Response: 206975
Conc: 2.17 ug/ml



#15 n-Hexacosane (C26)

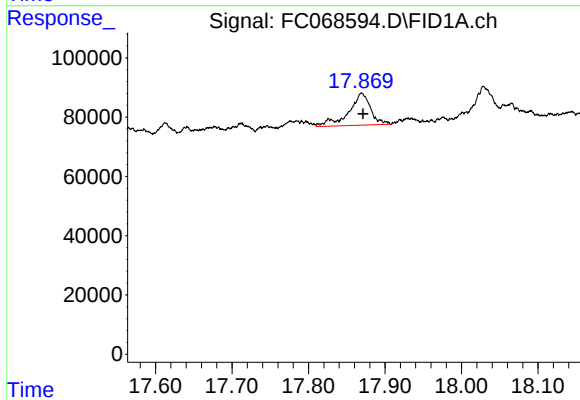
R.T.: 16.029 min
Delta R.T.: -0.003 min
Response: 151482
Conc: 1.62 ug/ml



#16 n-Octacosane (C28)

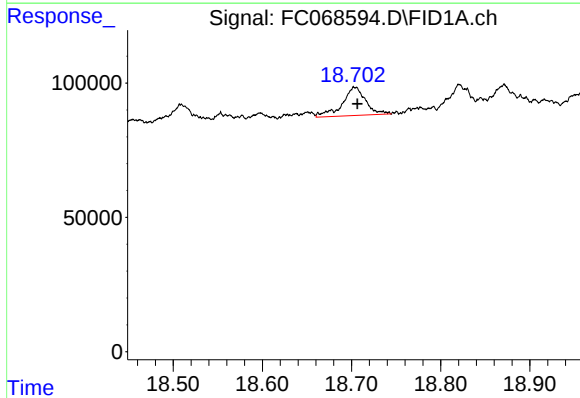
R.T.: 16.980 min
Delta R.T.: -0.003 min
Response: 172869
Conc: 1.89 ug/ml

Instrument :
FID_C
ClientSampleId :



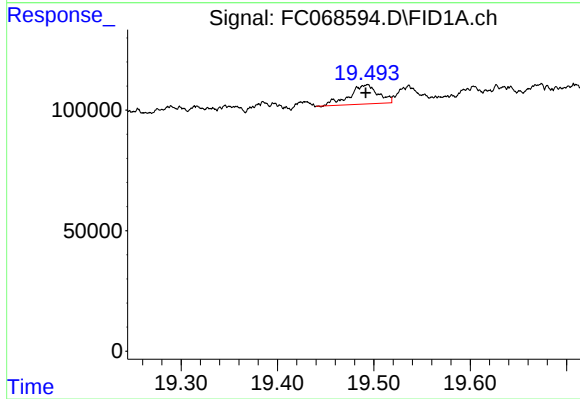
#17 n-Tricontane (C30)

R.T.: 17.870 min
Delta R.T.: -0.002 min
Response: 213982
Conc: 2.33 ug/ml



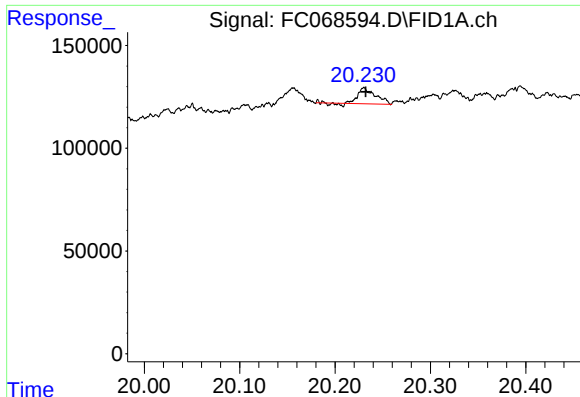
#18 n-Dotriacontane (C32)

R.T.: 18.704 min
Delta R.T.: -0.003 min
Response: 191636
Conc: 2.09 ug/ml



#19 n-Tetratriacontane (C34)

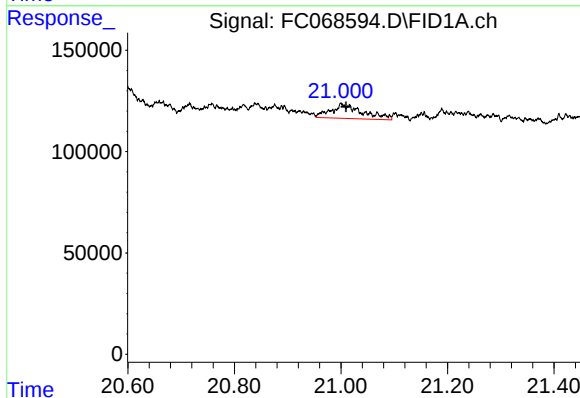
R.T.: 19.492 min
Delta R.T.: 0.000 min
Response: 163737
Conc: 1.83 ug/ml



#20 n-Hexatriacontane (C36)

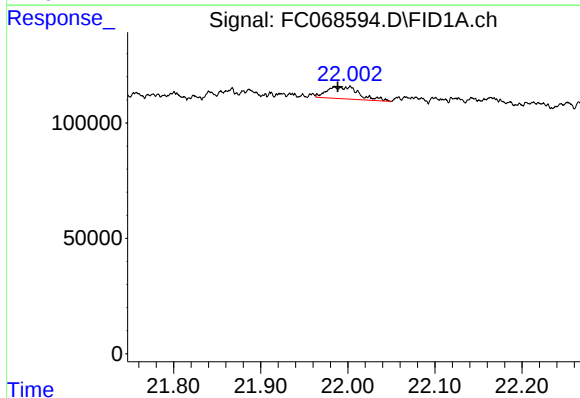
R.T.: 20.231 min
Delta R.T.: -0.002 min
Response: 96004
Conc: 1.07 ug/ml

Instrument :
FID_C
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.001 min
Delta R.T.: -0.008 min
Response: 290654
Conc: 3.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.004 min
Response: 131101
Conc: 1.48 ug/ml