

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121123AL\
 Data File : FC065369.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2023 10:44
 Operator : YP/AJ
 Sample : 05740-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 11 11:14:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 24 13:28:29 2023
 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)	11.499	87331063	376.422 ug/ml
Spiked Amount 50.000		Recovery =	752.84%
12) S 1-chlorooctadecane (S...	12.940	70163802	423.731 ug/ml
Spiked Amount 50.000		Recovery =	847.46%
Target Compounds			
3) T A~Naphthalene (C11.7)	5.940	41774	0.206 ug/ml
4) T n-Dodecane (C12)	6.388	304131	1.496 ug/ml
5) T A~2-methylnaphthalene...	7.005	665060	3.422 ug/ml
6) T n-Tetradecane (C14)	8.171	5502726	27.689 ug/ml
7) T n-Hexadecane (C16)	9.749	57747505	291.522 ug/ml
8) T n-Octadecane (C18)	11.189	29325614	148.061 ug/ml
10) T n-Eicosane (C20)	12.495	129792097	685.877 ug/ml
11) T n-Heneicosane (C21)	13.116	62986225	340.885 ug/ml
13) T n-Docosane (C22)	13.674	131273708	727.641 ug/ml
14) T n-Tetracosane (C24)	14.788	63402858	365.701 ug/ml
15) T n-Hexacosane (C26)	15.795	23873412	143.372 ug/ml
16) T n-Octacosane (C28)	16.757	14895993	93.133 ug/ml
17) T n-Tricontane (C30)	17.643	7871309	49.434 ug/ml
18) T n-Dotriacontane (C32)	18.478	3370967	21.443 ug/ml
19) T n-Tetratriacontane (C34)	19.228	58980	0.382 ug/ml
20) T n-Hexatriacontane (C36)	19.972	63192	0.412 ug/ml
21) T n-Octatriacontane (C38)	20.703	99780	0.656 ug/ml
22) T n-Tetracontane (C40)	21.576	173651	1.158 ug/ml

(f)=RT Delta > 1/2 Window

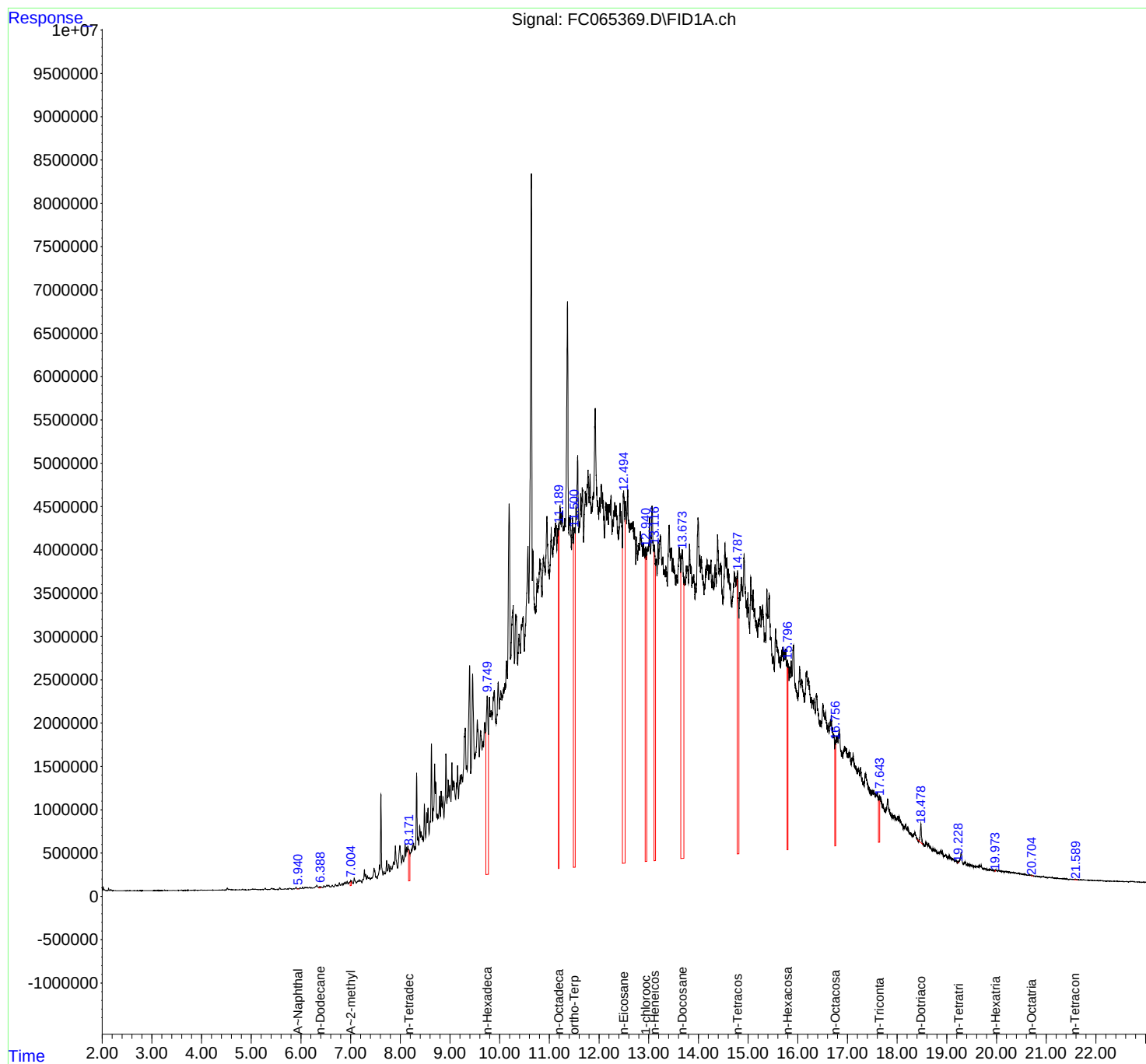
(m)=manual int.

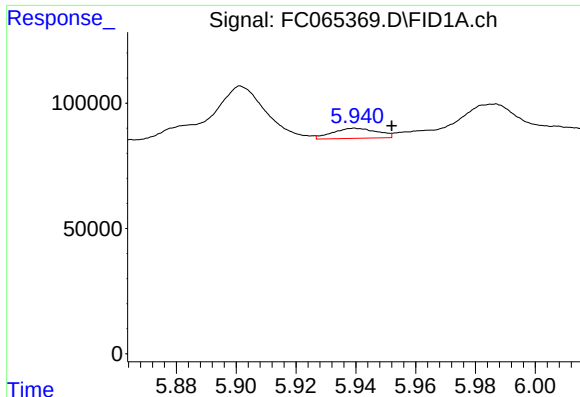
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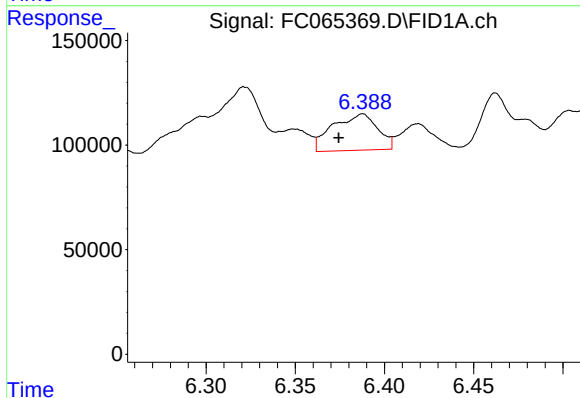




#3 A~Naphthalene (C11.7)

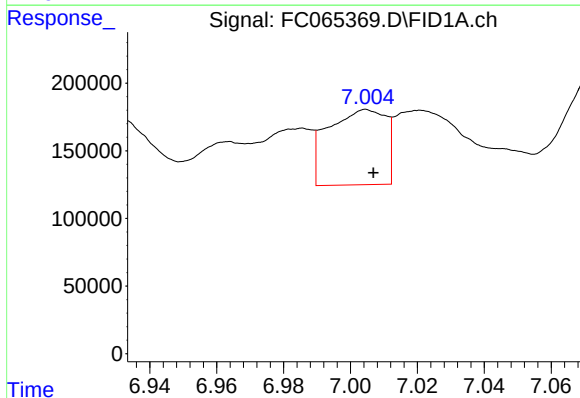
R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 41774
Conc: 0.21 ug/ml

Instrument :
FID_C
ClientSampleId :



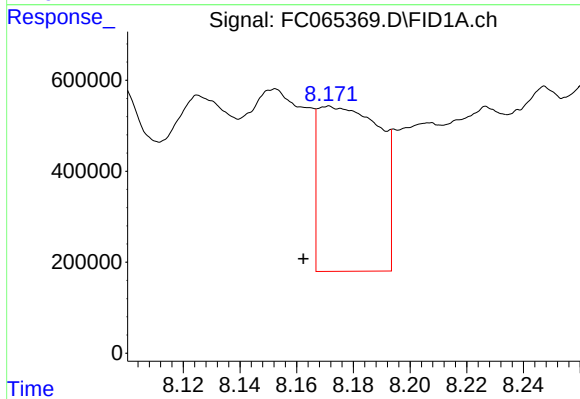
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: 0.013 min
Response: 304131
Conc: 1.50 ug/ml



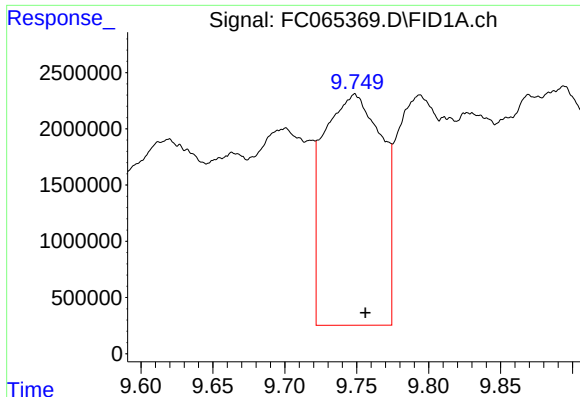
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 665060
Conc: 3.42 ug/ml



#6 n-Tetradecane (C14)

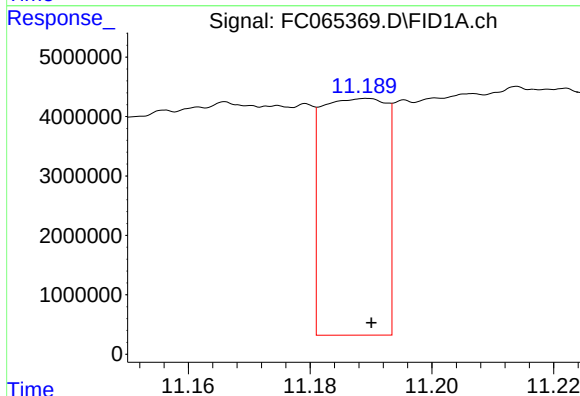
R.T.: 8.171 min
Delta R.T.: 0.009 min
Response: 5502726
Conc: 27.69 ug/ml



#7 n-Hexadecane (C16)

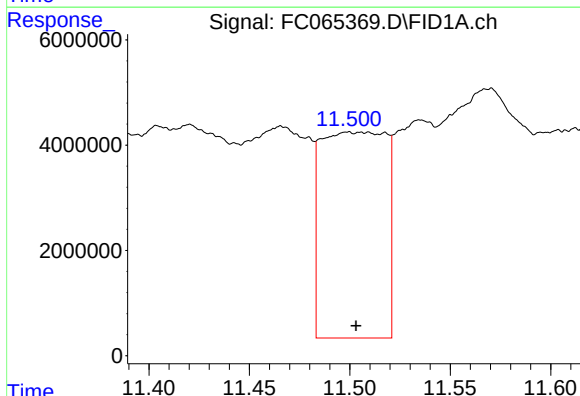
R.T.: 9.749 min
Delta R.T.: -0.007 min
Response: 57747505
Conc: 291.52 ug/ml

Instrument :
FID_C
ClientSampleId :



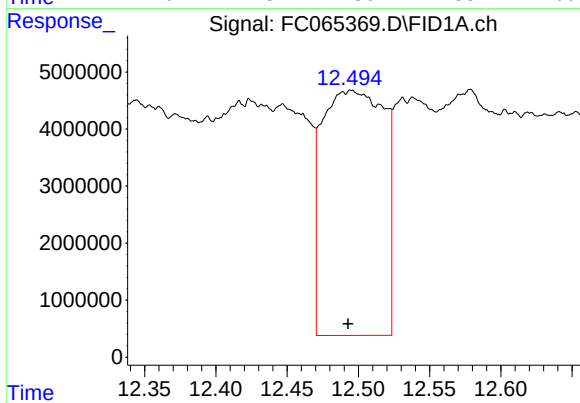
#8 n-Octadecane (C18)

R.T.: 11.189 min
Delta R.T.: -0.001 min
Response: 29325614
Conc: 148.06 ug/ml



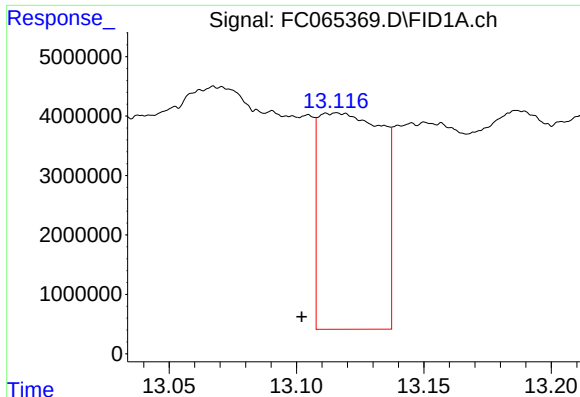
#9 ortho-Terphenyl (SURR)

R.T.: 11.499 min
Delta R.T.: -0.004 min
Response: 87331063
Conc: 376.42 ug/ml



#10 n-Eicosane (C20)

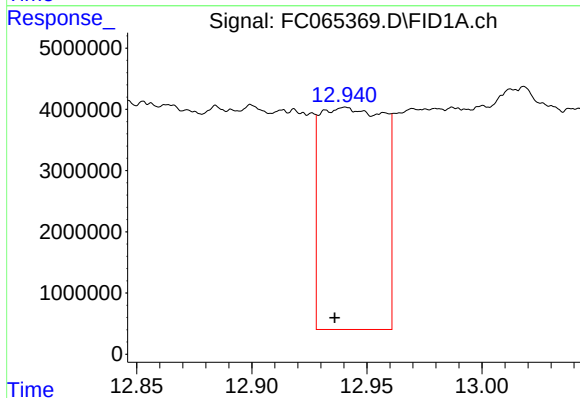
R.T.: 12.495 min
Delta R.T.: 0.002 min
Response: 129792097
Conc: 685.88 ug/ml



#11 n-Heneicosane (C21)

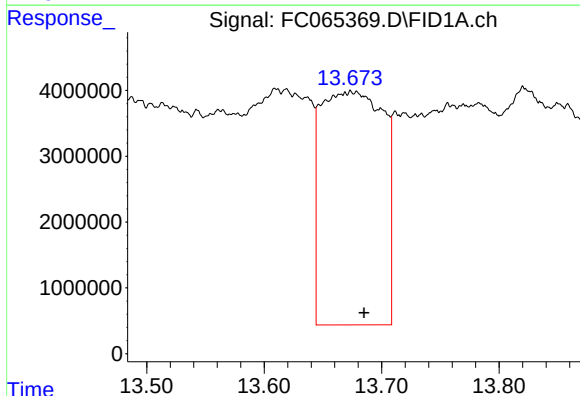
R.T.: 13.116 min
Delta R.T.: 0.014 min
Response: 62986225
Conc: 340.89 ug/ml

Instrument :
FID_C
ClientSampleId :



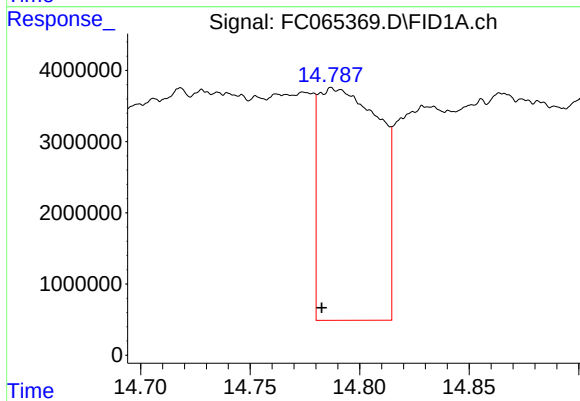
#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.004 min
Response: 70163802
Conc: 423.73 ug/ml



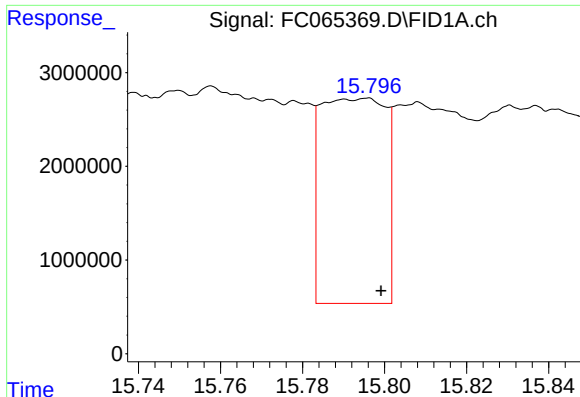
#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: -0.011 min
Response: 131273708
Conc: 727.64 ug/ml



#14 n-Tetracosane (C24)

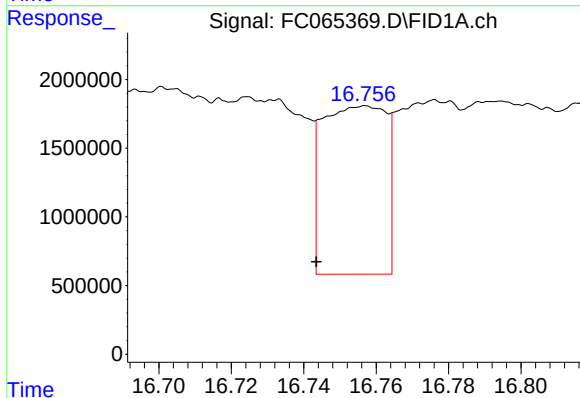
R.T.: 14.788 min
Delta R.T.: 0.005 min
Response: 63402858
Conc: 365.70 ug/ml



#15 n-Hexacosane (C26)

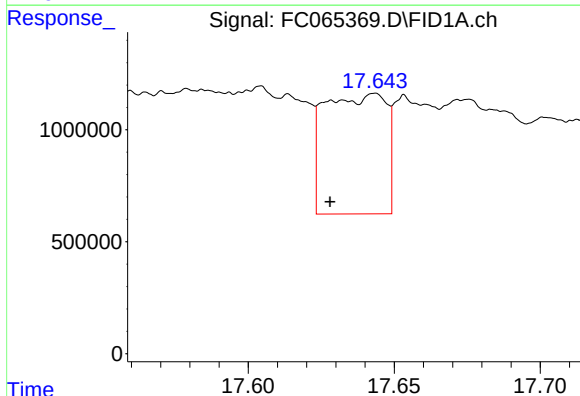
R.T.: 15.795 min
Delta R.T.: -0.004 min
Response: 23873412
Conc: 143.37 ug/ml

Instrument :
FID_C
ClientSampleId :



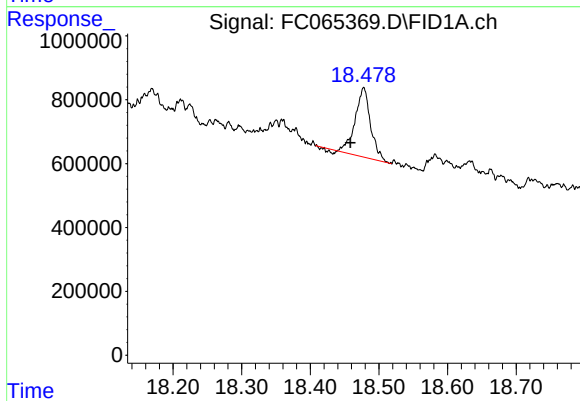
#16 n-Octacosane (C28)

R.T.: 16.757 min
Delta R.T.: 0.013 min
Response: 14895993
Conc: 93.13 ug/ml



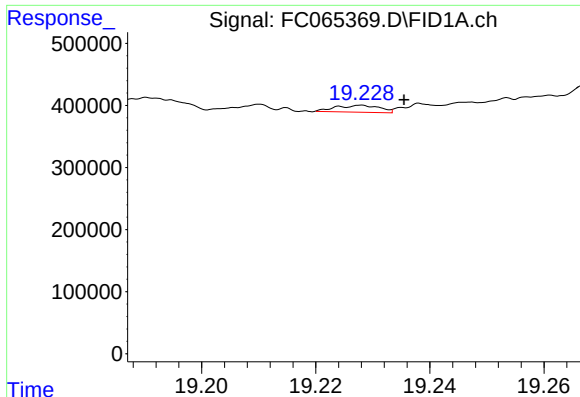
#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: 0.015 min
Response: 7871309
Conc: 49.43 ug/ml



#18 n-Dotriacontane (C32)

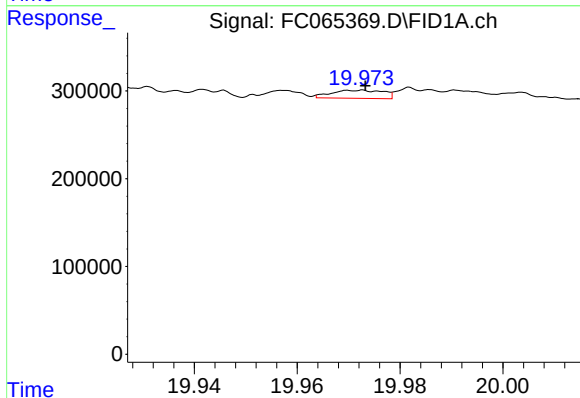
R.T.: 18.478 min
Delta R.T.: 0.019 min
Response: 3370967
Conc: 21.44 ug/ml



#19 n-Tetratriacontane (C34)

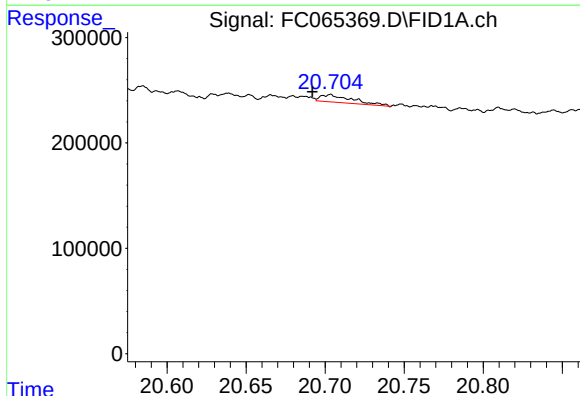
R.T.: 19.228 min
Delta R.T.: -0.007 min
Response: 58980
Conc: 0.38 ug/ml

Instrument :
FID_C
ClientSampleId :



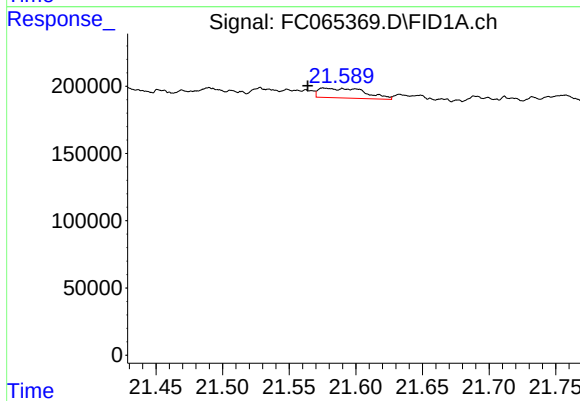
#20 n-Hexatriacontane (C36)

R.T.: 19.972 min
Delta R.T.: -0.001 min
Response: 63192
Conc: 0.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: 0.011 min
Response: 99780
Conc: 0.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: 0.012 min
Response: 173651
Conc: 1.16 ug/ml