

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040725AL\
 Data File : FC068504.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2025 18:45
 Operator : YP/AJ
 Sample : Q1736-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GST1

Integration File: autoint1.e
 Quant Time: Apr 08 02:36:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 07 16:09:59 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)	11.725	3188741	24.728 ug/ml
Spiked Amount 50.000		Recovery =	49.46%
12) S 1-chlorooctadecane (S...	13.159	2696785	29.316 ug/ml
Spiked Amount 50.000		Recovery =	58.63%
Target Compounds			
1) T n-Nonane (C9)	3.449	35507	0.319 ug/ml
2) T n-Decane (C10)	4.529	45628	0.392 ug/ml
3) T A~Naphthalene (C11.7)	6.128	137307	1.098 ug/ml
4) T n-Dodecane (C12)	6.553	95703	0.846 ug/ml
5) T A~2-methylnaphthalene...	7.185	121745	1.017 ug/ml
6) T n-Tetradecane (C14)	8.350	77573	0.695 ug/ml
7) T n-Hexadecane (C16)	9.955	135784	1.188 ug/ml
8) T n-Octadecane (C18)	11.398	154178	1.345 ug/ml
10) T n-Eicosane (C20)	12.710	621976	5.686 ug/ml
11) T n-Heneicosane (C21)	13.323	506744	4.751 ug/ml
13) T n-Docosane (C22)	13.913	423304	3.921 ug/ml
14) T n-Tetracosane (C24)	15.004	2421239	21.720 ug/ml
15) T n-Hexacosane (C26)	16.044	459947	4.135 ug/ml
16) T n-Octacosane (C28)	16.997	1008716	9.110 ug/ml
17) T n-Tricontane (C30)	17.896	8087992	73.166 ug/ml
18) T n-Dotriacontane (C32)	18.694	4765608	45.780 ug/ml
19) T n-Tetratriacontane (C34)	19.513	418801	4.664 ug/ml
20) T n-Hexatriacontane (C36)	20.252	4193474	56.016 ug/ml
21) T n-Octatriacontane (C38)	21.024	1842867	29.476 ug/ml
22) T n-Tetracontane (C40)	21.970	1386824	29.683 ug/ml

(f)=RT Delta > 1/2 Window

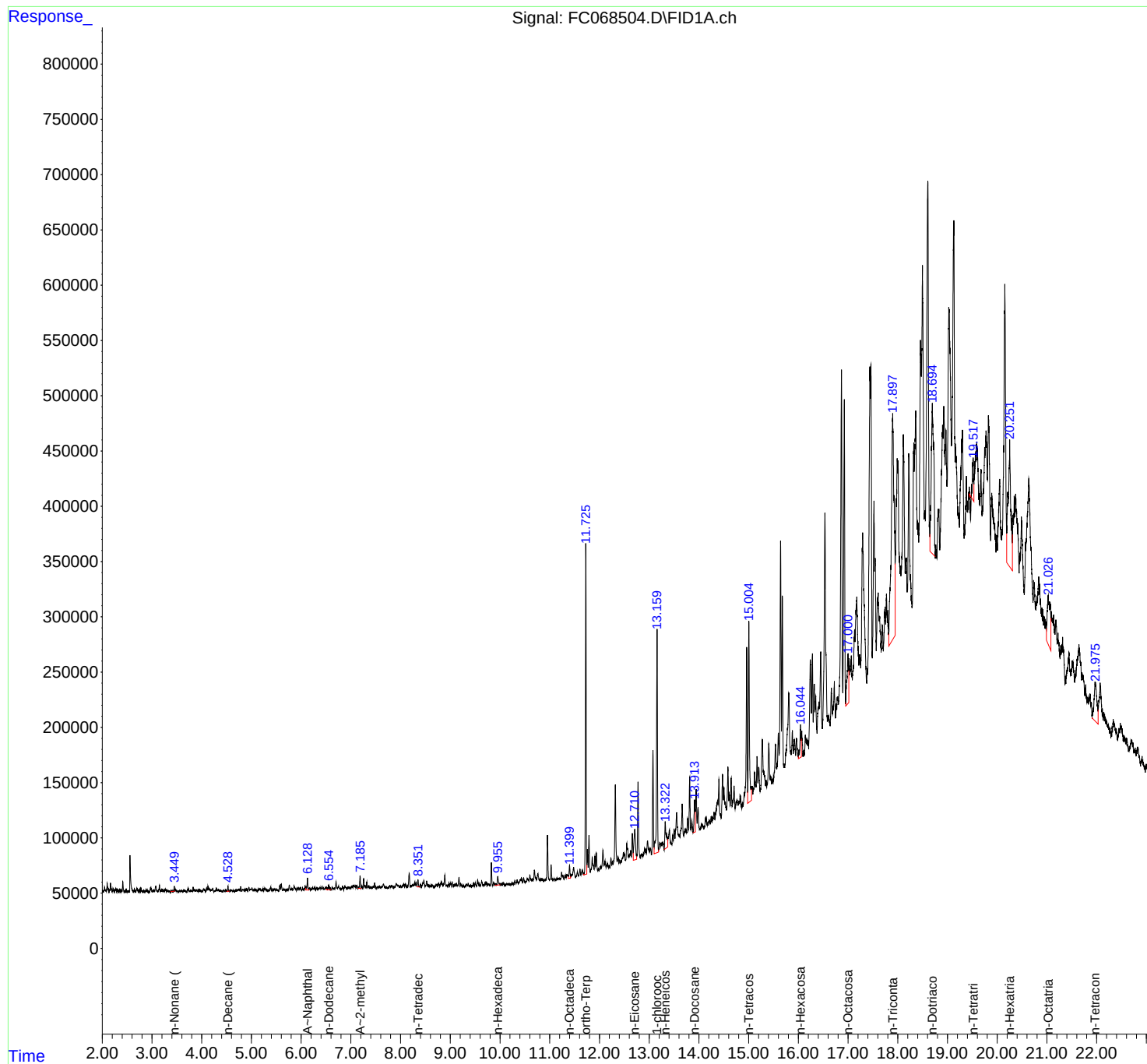
(m)=manual int.

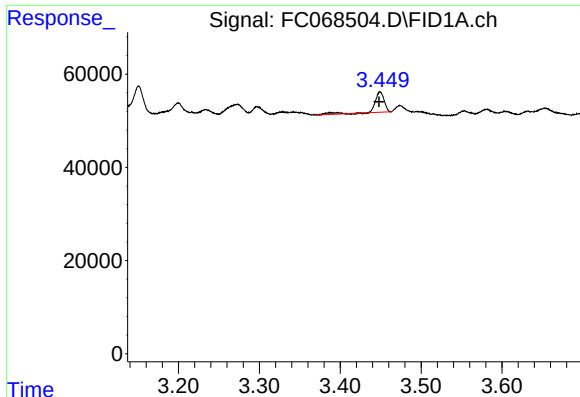
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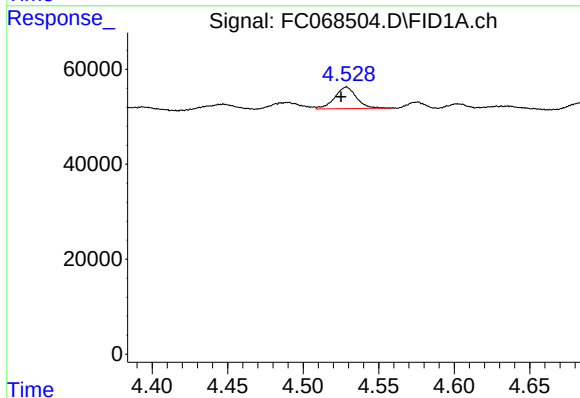




#1 n-Nonane (C9)

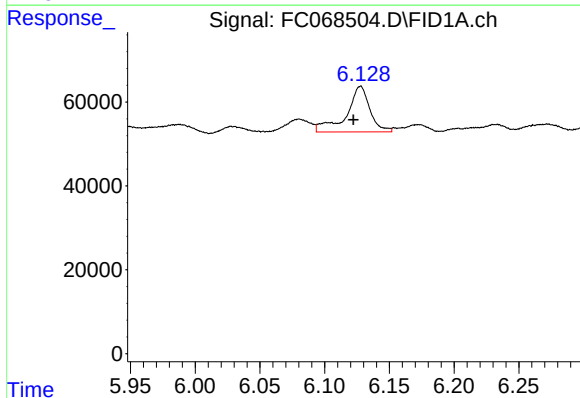
R.T.: 3.449 min
Delta R.T.: 0.001 min
Response: 35507
Conc: 0.32 ug/ml

Instrument :
FID_C
ClientSampleId :
GST1



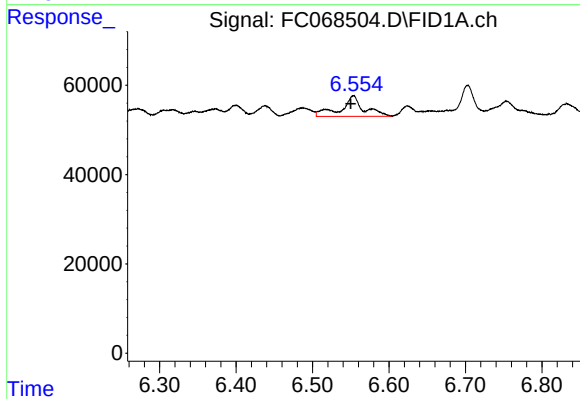
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.003 min
Response: 45628
Conc: 0.39 ug/ml



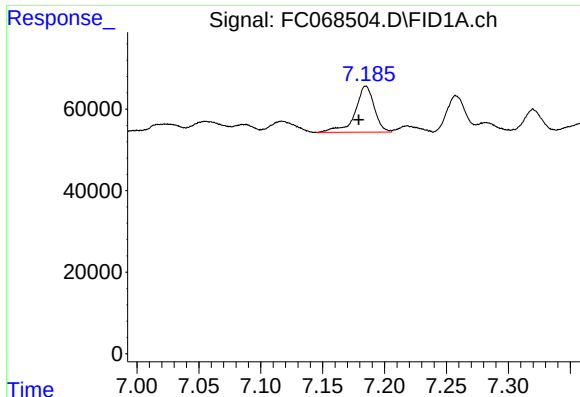
#3 A~Naphthalene (C11.7)

R.T.: 6.128 min
Delta R.T.: 0.006 min
Response: 137307
Conc: 1.10 ug/ml



#4 n-Dodecane (C12)

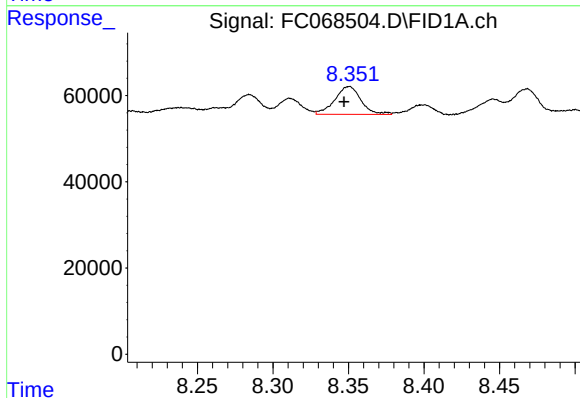
R.T.: 6.553 min
Delta R.T.: 0.003 min
Response: 95703
Conc: 0.85 ug/ml



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

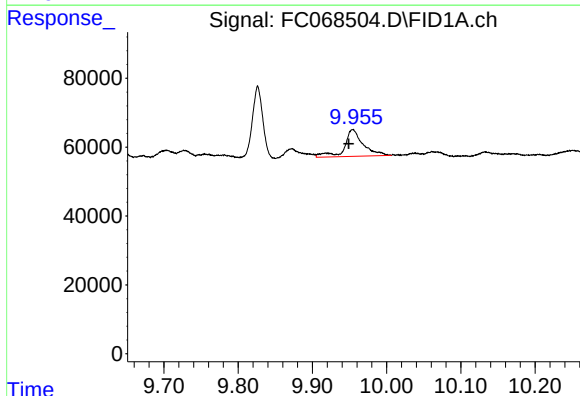
R.T.: 7.185 min
Delta R.T.: 0.006 min
Response: 121745
Conc: 1.02 ug/ml

Instrument :
FID_C
ClientSampleId :
GST1



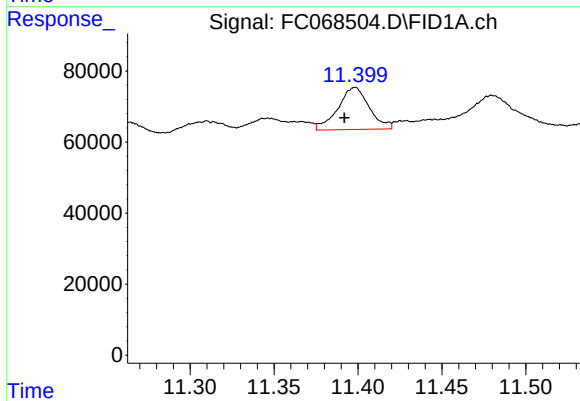
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.003 min
Response: 77573
Conc: 0.70 ug/ml



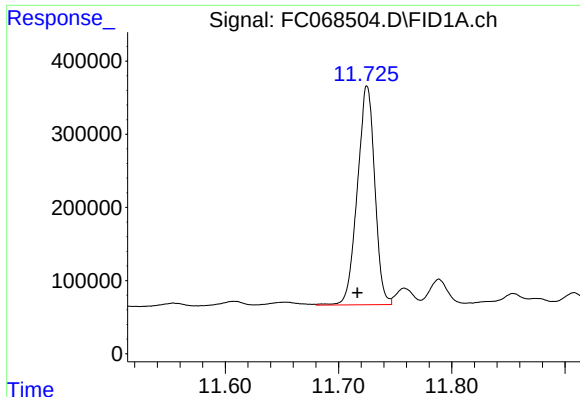
#7 n-Hexadecane (C16)

R.T.: 9.955 min
Delta R.T.: 0.005 min
Response: 135784
Conc: 1.19 ug/ml



#8 n-Octadecane (C18)

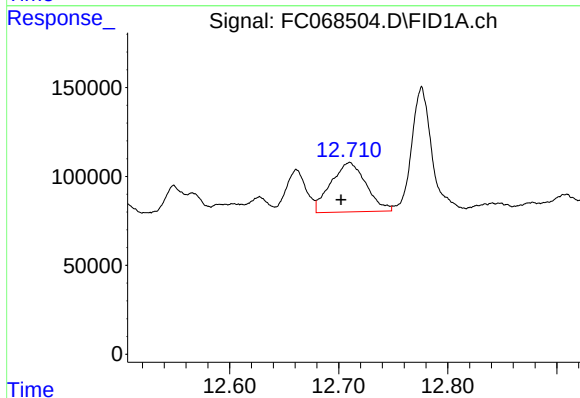
R.T.: 11.398 min
Delta R.T.: 0.006 min
Response: 154178
Conc: 1.34 ug/ml



#9 ortho-Terphenyl (SURR)

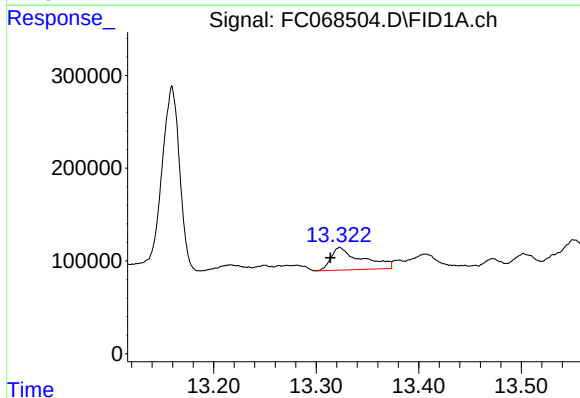
R.T.: 11.725 min
Delta R.T.: 0.009 min
Response: 3188741
Conc: 24.73 ug/ml

Instrument :
FID_C
ClientSampleId :
GST1



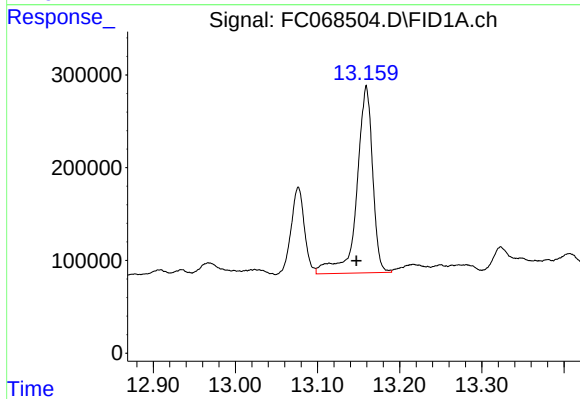
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: 0.008 min
Response: 621976
Conc: 5.69 ug/ml



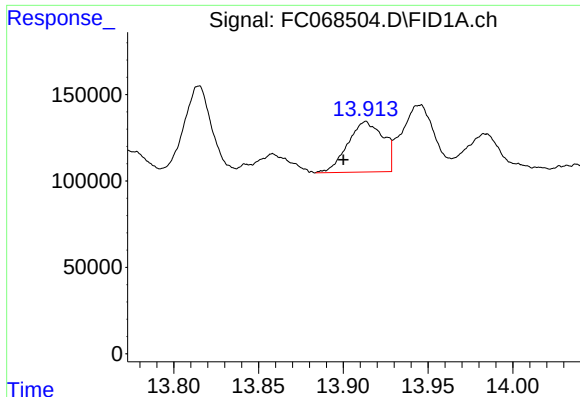
#11 n-Heneicosane (C21)

R.T.: 13.323 min
Delta R.T.: 0.009 min
Response: 506744
Conc: 4.75 ug/ml



#12 1-chlorooctadecane (SURR)

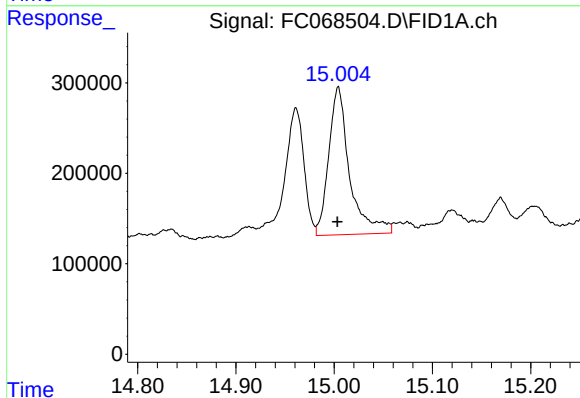
R.T.: 13.159 min
Delta R.T.: 0.012 min
Response: 2696785
Conc: 29.32 ug/ml



#13 n-Docosane (C22)

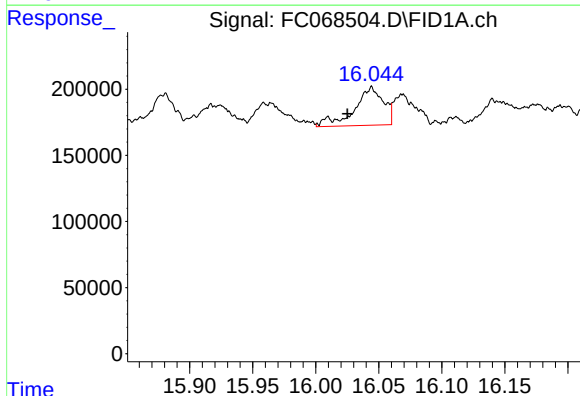
R.T.: 13.913 min
Delta R.T.: 0.013 min
Response: 423304
Conc: 3.92 ug/ml

Instrument :
FID_C
ClientSampleId :
GST1



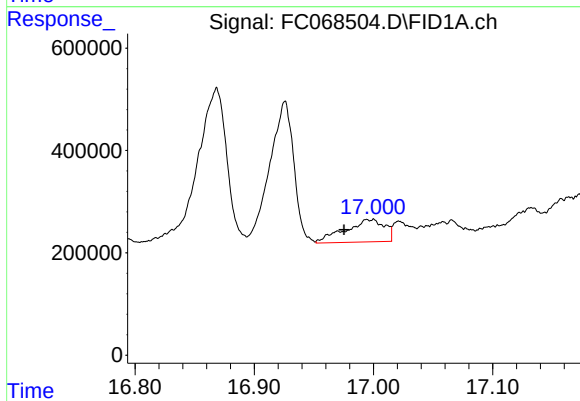
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: 0.000 min
Response: 2421239
Conc: 21.72 ug/ml



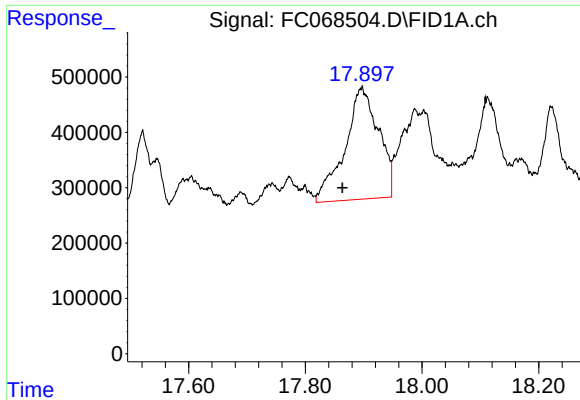
#15 n-Hexacosane (C26)

R.T.: 16.044 min
Delta R.T.: 0.019 min
Response: 459947
Conc: 4.14 ug/ml



#16 n-Octacosane (C28)

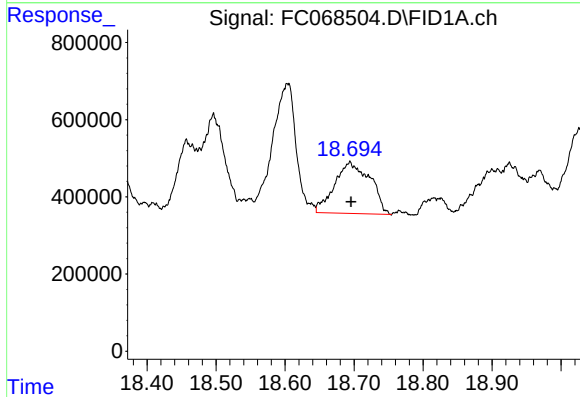
R.T.: 16.997 min
Delta R.T.: 0.022 min
Response: 1008716
Conc: 9.11 ug/ml



#17 n-Tricontane (C30)

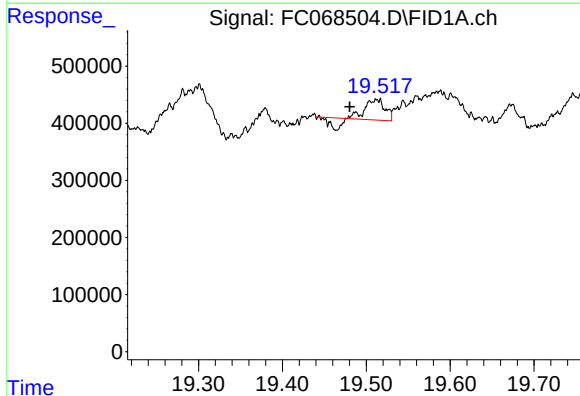
R.T.: 17.896 min
Delta R.T.: 0.033 min
Response: 8087992
Conc: 73.17 ug/ml

Instrument :
FID_C
ClientSampleId :
GST1



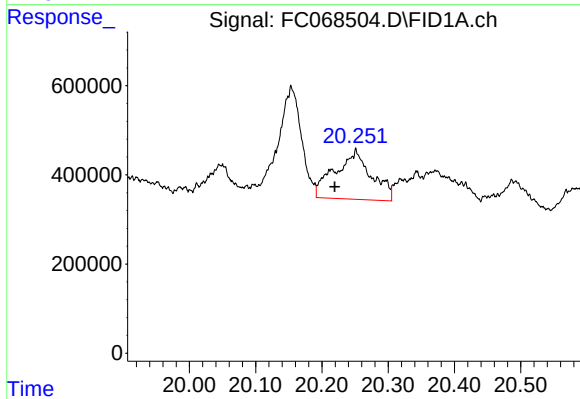
#18 n-Dotriacontane (C32)

R.T.: 18.694 min
Delta R.T.: -0.002 min
Response: 4765608
Conc: 45.78 ug/ml



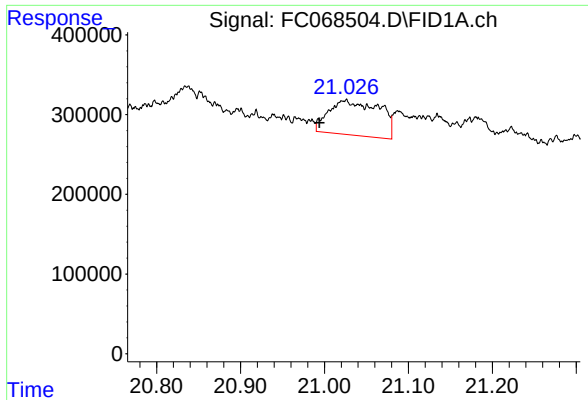
#19 n-Tetratriacontane (C34)

R.T.: 19.513 min
Delta R.T.: 0.032 min
Response: 418801
Conc: 4.66 ug/ml



#20 n-Hexatriacontane (C36)

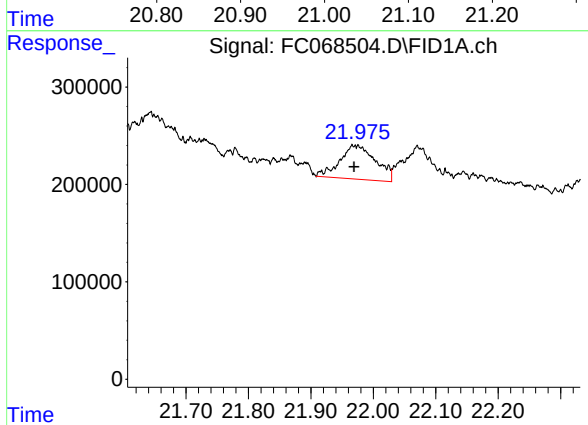
R.T.: 20.252 min
Delta R.T.: 0.032 min
Response: 4193474
Conc: 56.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.024 min
Delta R.T.: 0.030 min
Response: 1842867
Conc: 29.48 ug/ml

Instrument :
FID_C
ClientSampleId :
GST1



#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: 0.000 min
Response: 1386824
Conc: 29.68 ug/ml