

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
 Data File : FG011891.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 12:31
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 19 12:53:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:37:56 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)	10.923	778557	4.968 ug/ml
Spiked Amount 50.000		Recovery =	9.94%
12) S 1-chlorooctadecane (S...	12.365	587389	4.942 ug/ml
Spiked Amount 50.000		Recovery =	9.88%
Target Compounds			
1) T n-Nonane (C9)	2.761	580893	5.057 ug/ml
2) T n-Decane (C10)	3.772	592167	5.025 ug/ml
3) T A~Naphthalene (C11.7)	5.341	643751	4.890 ug/ml
4) T n-Dodecane (C12)	5.765	594825	4.949 ug/ml
5) T A~2-methylnaphthalene...	6.392	588404	4.583 ug/ml
6) T n-Tetradecane (C14)	7.560	598460	4.911 ug/ml
7) T n-Hexadecane (C16)	9.163	642299	4.934 ug/ml
8) T n-Octadecane (C18)	10.606	680317	4.998 ug/ml
10) T n-Eicosane (C20)	11.918	674892	5.001 ug/ml
11) T n-Heneicosane (C21)	12.531	671521	4.995 ug/ml
13) T n-Docosane (C22)	13.119	672705	4.973 ug/ml
14) T n-Tetracosane (C24)	14.225	679052	4.987 ug/ml
15) T n-Hexacosane (C26)	15.248	674239	5.050 ug/ml
16) T n-Octacosane (C28)	16.200	672905	5.194 ug/ml
17) T n-Tricontane (C30)	17.088	705468	5.444 ug/ml
18) T n-Dotriacontane (C32)	17.922	699783	5.572 ug/ml
19) T n-Tetratriacontane (C34)	18.708	659284	5.485 ug/ml
20) T n-Hexatriacontane (C36)	19.449	619804	5.417 ug/ml
21) T n-Octatriacontane (C38)	20.193	582615	5.234 ug/ml
22) T n-Tetracontane (C40)	21.122	541428	5.032 ug/ml

(f)=RT Delta > 1/2 Window

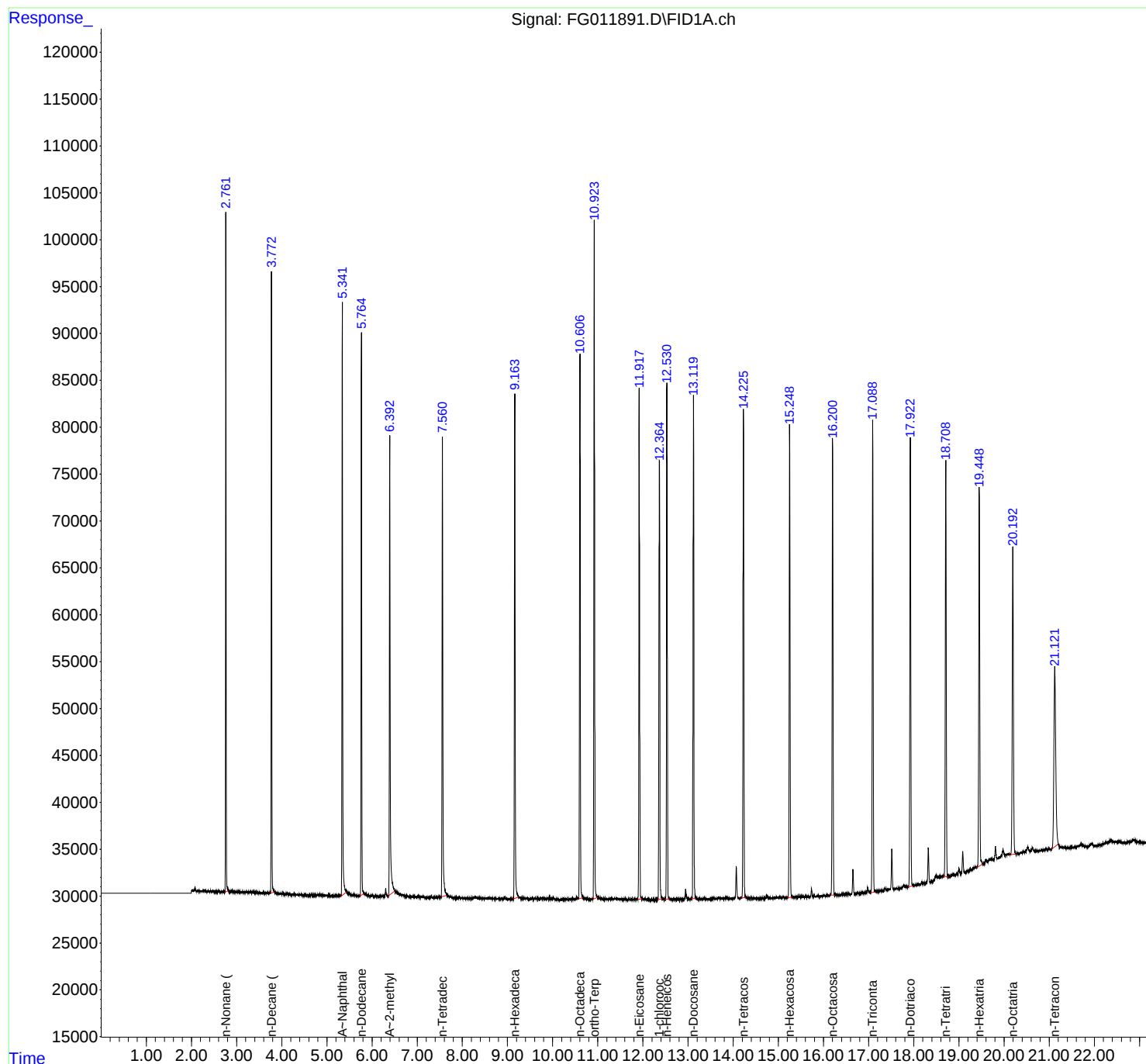
(m)=manual int.

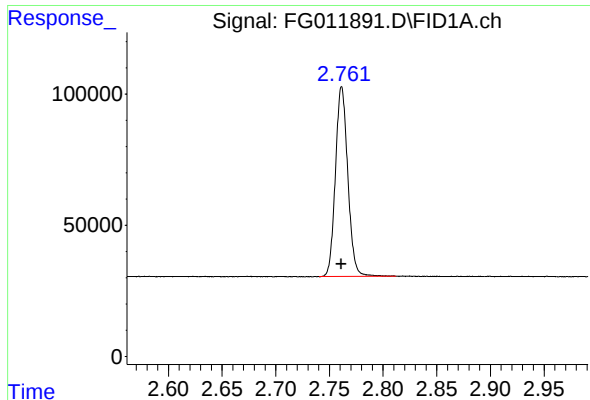
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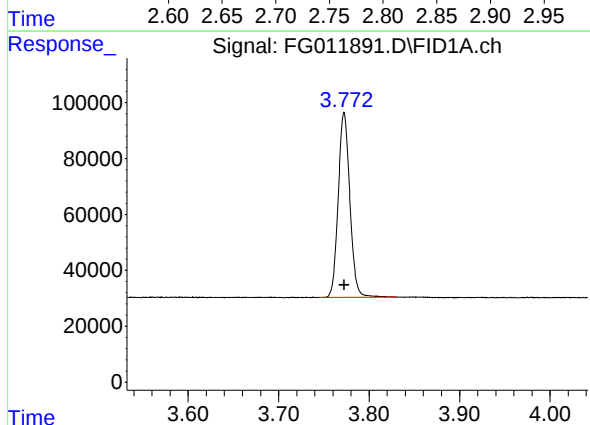




#1 n-Nonane (C9)

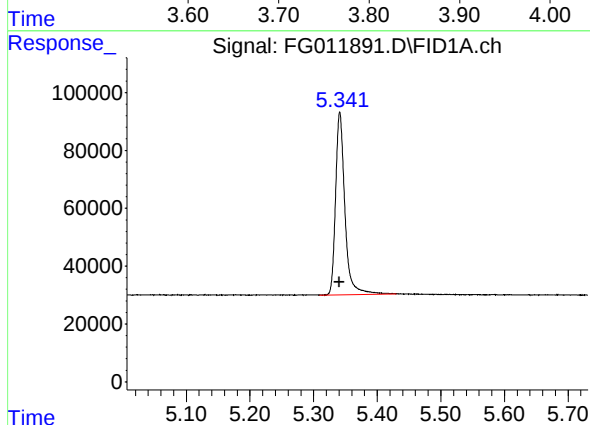
R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 580893
Conc: 5.06 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



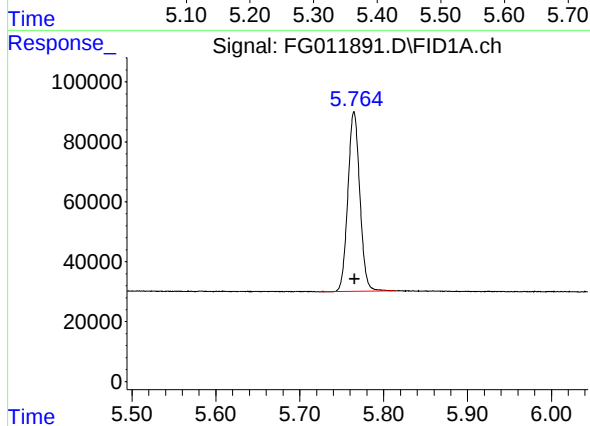
#2 n-Decane (C10)

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 592167
Conc: 5.03 ug/ml



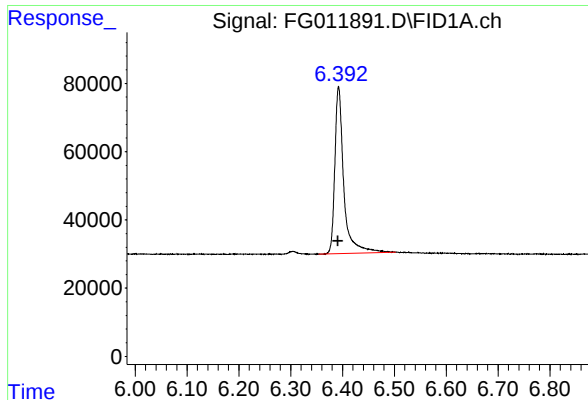
#3 A~Naphthalene (C11.7)

R.T.: 5.341 min
Delta R.T.: 0.001 min
Response: 643751
Conc: 4.89 ug/ml



#4 n-Dodecane (C12)

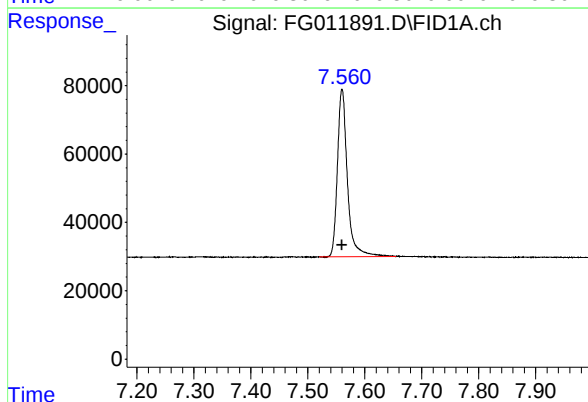
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 594825
Conc: 4.95 ug/ml



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

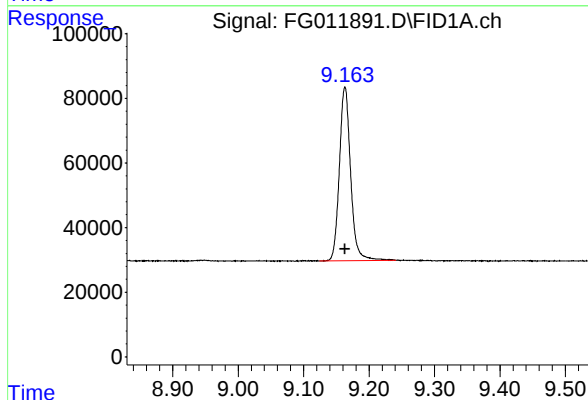
R.T.: 6.392 min
Delta R.T.: 0.001 min
Response: 588404
Conc: 4.58 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



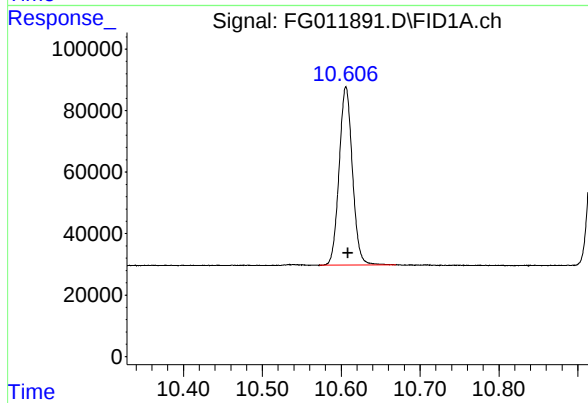
#6 n-Tetradecane (C14)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 598460
Conc: 4.91 ug/ml



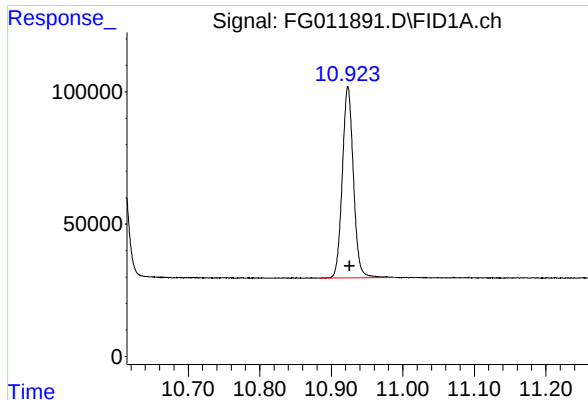
#7 n-Hexadecane (C16)

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 642299
Conc: 4.93 ug/ml



#8 n-Octadecane (C18)

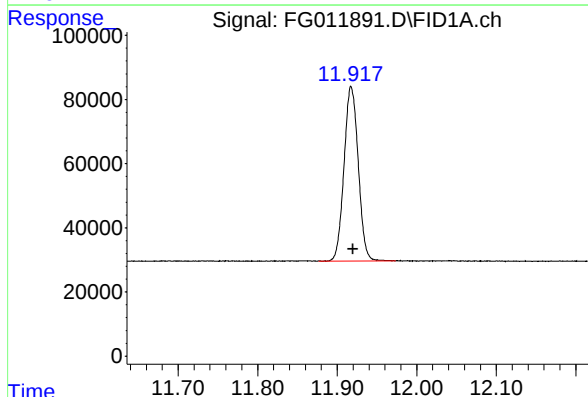
R.T.: 10.606 min
Delta R.T.: -0.003 min
Response: 680317
Conc: 5.00 ug/ml



#9 ortho-Terphenyl (SURR)

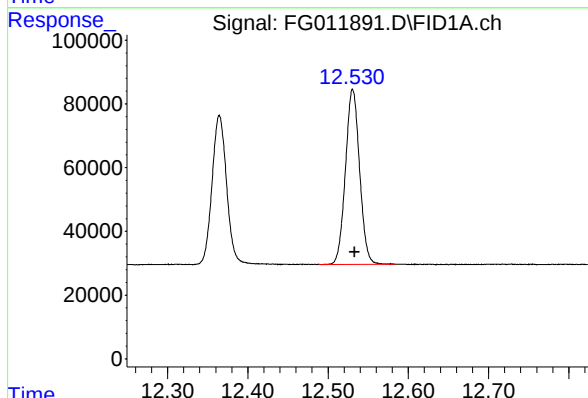
R.T.: 10.923 min
Delta R.T.: -0.003 min
Response: 778557
Conc: 4.97 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



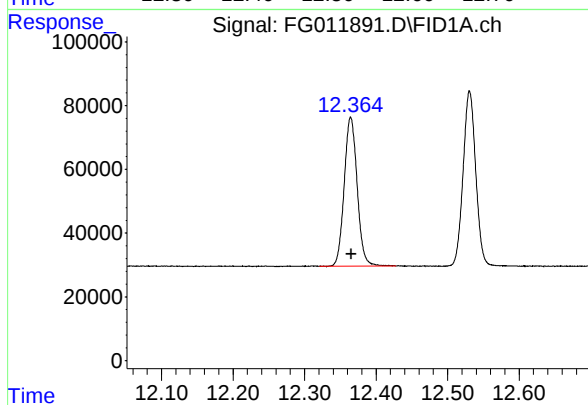
#10 n-Eicosane (C20)

R.T.: 11.918 min
Delta R.T.: -0.002 min
Response: 674892
Conc: 5.00 ug/ml



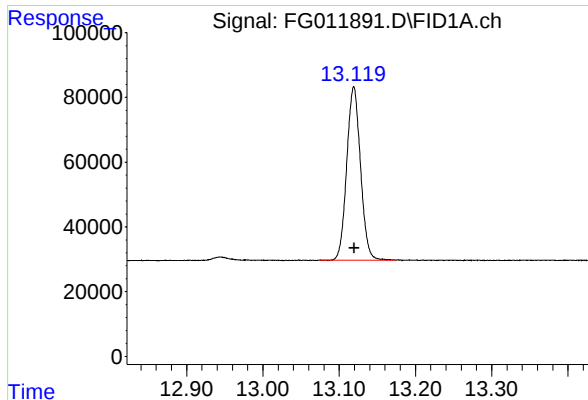
#11 n-Heneicosane (C21)

R.T.: 12.531 min
Delta R.T.: -0.002 min
Response: 671521
Conc: 5.00 ug/ml



#12 1-chlorooctadecane (SURR)

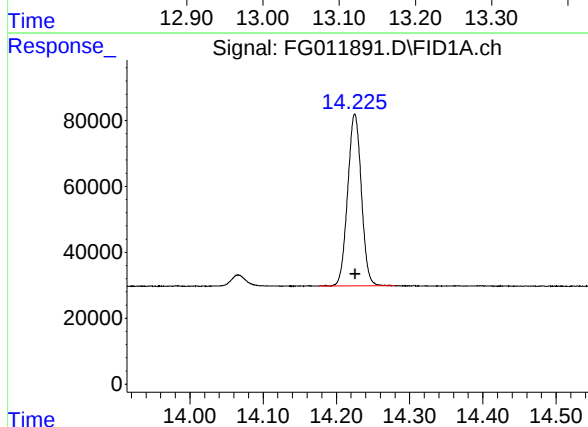
R.T.: 12.365 min
Delta R.T.: 0.000 min
Response: 587389
Conc: 4.94 ug/ml



#13 n-Docosane (C22)

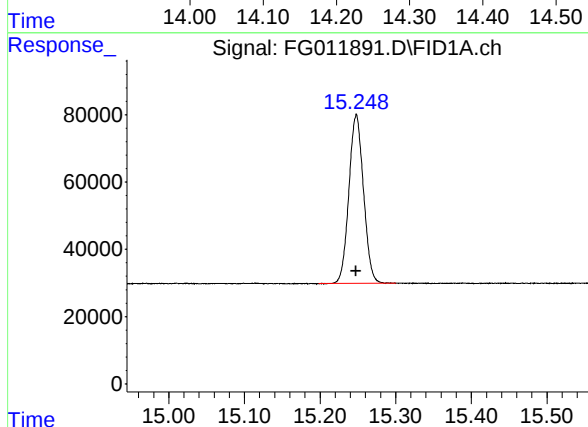
R.T.: 13.119 min
Delta R.T.: 0.000 min
Response: 672705
Conc: 4.97 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



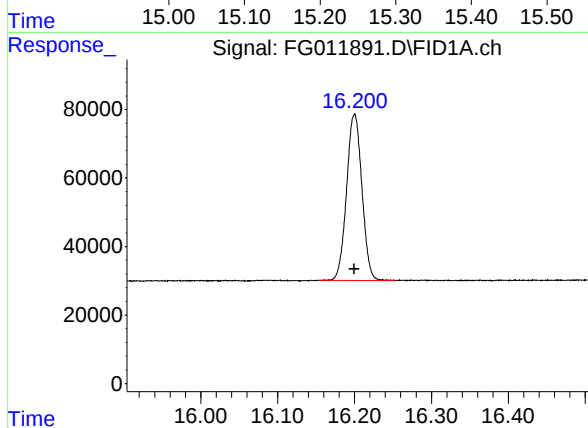
#14 n-Tetracosane (C24)

R.T.: 14.225 min
Delta R.T.: 0.000 min
Response: 679052
Conc: 4.99 ug/ml



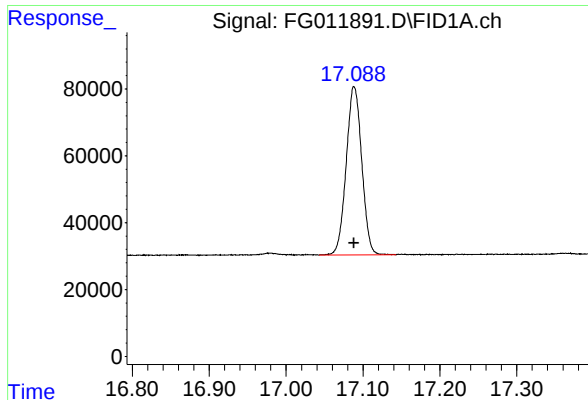
#15 n-Hexacosane (C26)

R.T.: 15.248 min
Delta R.T.: 0.000 min
Response: 674239
Conc: 5.05 ug/ml



#16 n-Octacosane (C28)

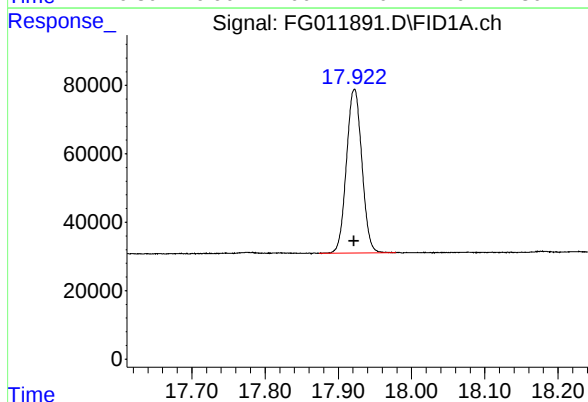
R.T.: 16.200 min
Delta R.T.: 0.000 min
Response: 672905
Conc: 5.19 ug/ml



#17 n-Tricontane (C30)

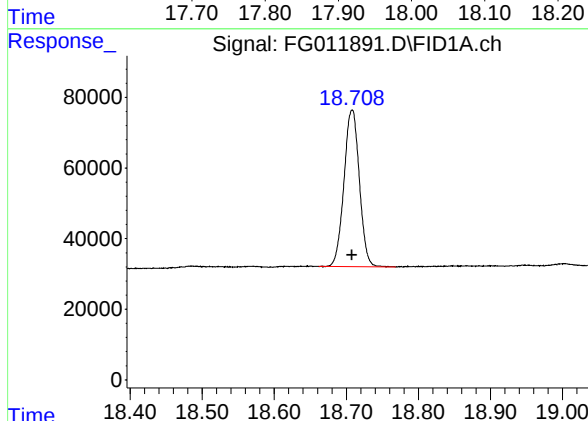
R.T.: 17.088 min
Delta R.T.: 0.000 min
Response: 705468
Conc: 5.44 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5



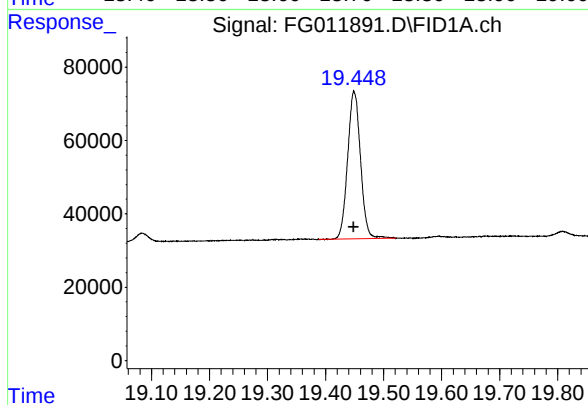
#18 n-Dotriacontane (C32)

R.T.: 17.922 min
Delta R.T.: 0.000 min
Response: 699783
Conc: 5.57 ug/ml



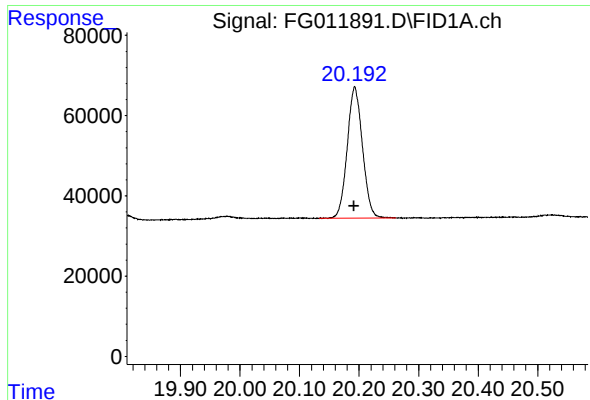
#19 n-Tetatriacontane (C34)

R.T.: 18.708 min
Delta R.T.: 0.000 min
Response: 659284
Conc: 5.49 ug/ml



#20 n-Hexatriacontane (C36)

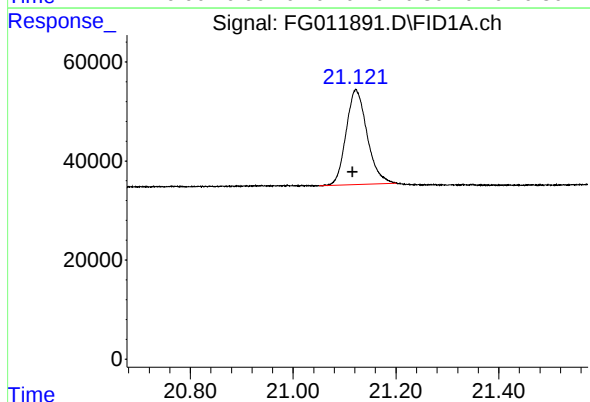
R.T.: 19.449 min
Delta R.T.: 0.000 min
Response: 619804
Conc: 5.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.193 min
Delta R.T.: 0.001 min
Response: 582615
Conc: 5.23 ug/ml

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FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.122 min
Delta R.T.: 0.006 min
Response: 541428
Conc: 5.03 ug/ml