

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052023AL\
 Data File : FG011934.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2023 23:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 02:57:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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)	10.927	3345229	21.373 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
12) S 1-chlorooctadecane (S...	12.366	2542861	21.444 ug/ml
Spiked Amount 50.000		Recovery =	42.89%
Target Compounds			
1) T n-Nonane (C9)	2.760	2443539	21.223 ug/ml
2) T n-Decane (C10)	3.772	2519842	21.362 ug/ml
3) T A~Naphthalene (C11.7)	5.340	2766381	21.105 ug/ml
4) T n-Dodecane (C12)	5.765	2539611	21.174 ug/ml
5) T A~2-methylnaphthalene...	6.392	2644224	20.947 ug/ml
6) T n-Tetradecane (C14)	7.560	2548257	20.985 ug/ml
7) T n-Hexadecane (C16)	9.164	2723148	20.974 ug/ml
8) T n-Octadecane (C18)	10.609	2871746	21.098 ug/ml
10) T n-Eicosane (C20)	11.920	2869775	21.265 ug/ml
11) T n-Heneicosane (C21)	12.534	2863053	21.301 ug/ml
13) T n-Docosane (C22)	13.121	2889829	21.386 ug/ml
14) T n-Tetracosane (C24)	14.227	2926810	21.505 ug/ml
15) T n-Hexacosane (C26)	15.250	2890321	21.606 ug/ml
16) T n-Octacosane (C28)	16.202	2829511	21.673 ug/ml
17) T n-Tricontane (C30)	17.091	2907240	22.043 ug/ml
18) T n-Dotriacontane (C32)	17.924	2851786	22.198 ug/ml
19) T n-Tetratriacontane (C34)	18.710	2673836	21.822 ug/ml
20) T n-Hexatriacontane (C36)	19.452	2501252	21.501 ug/ml
21) T n-Octatriacontane (C38)	20.194	2425416	21.587 ug/ml
22) T n-Tetracontane (C40)	21.119	2358254	21.888 ug/ml

(f)=RT Delta > 1/2 Window

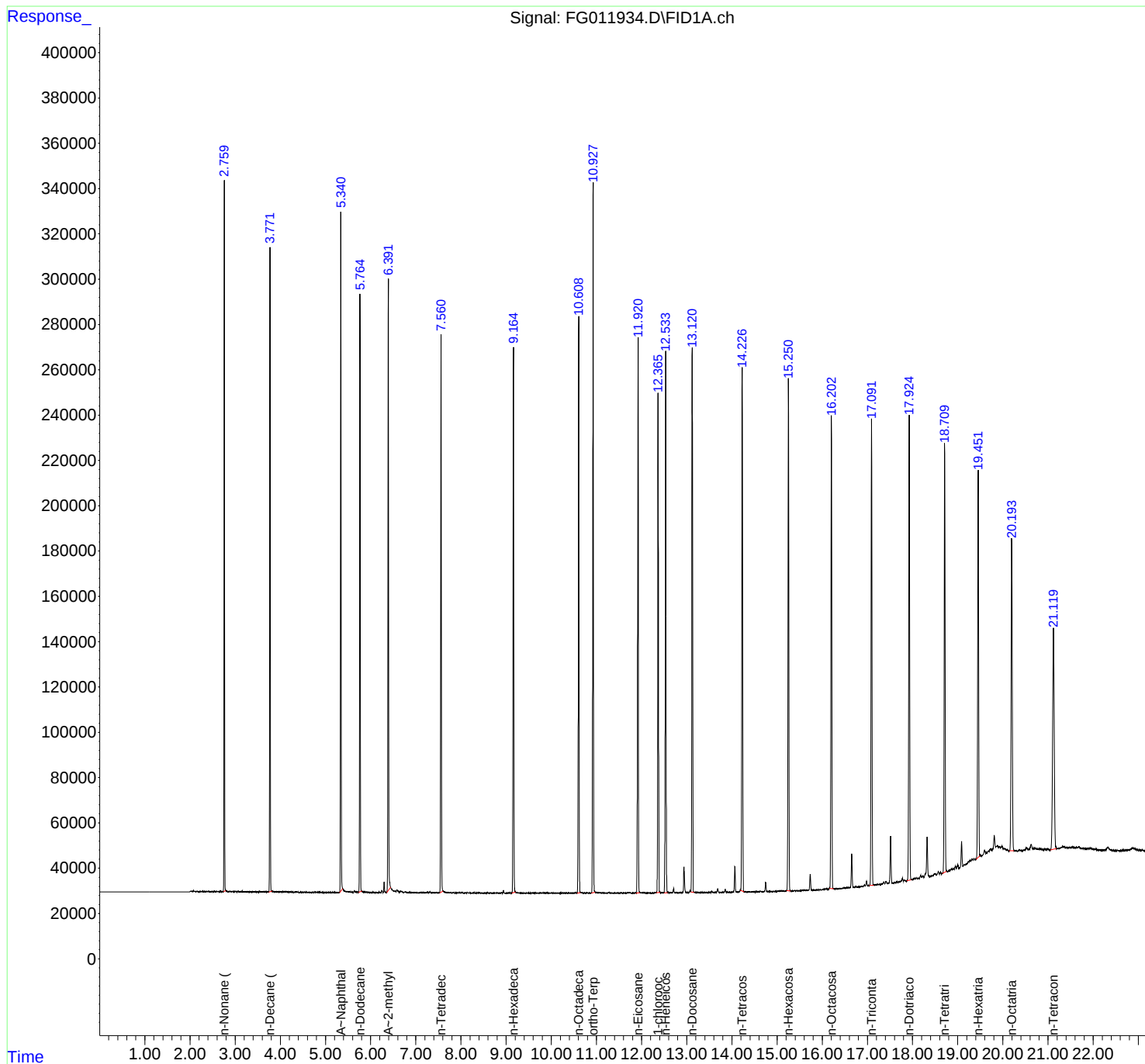
(m)=manual int.

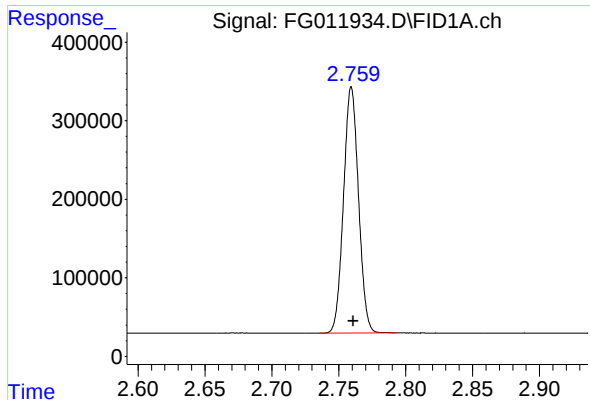
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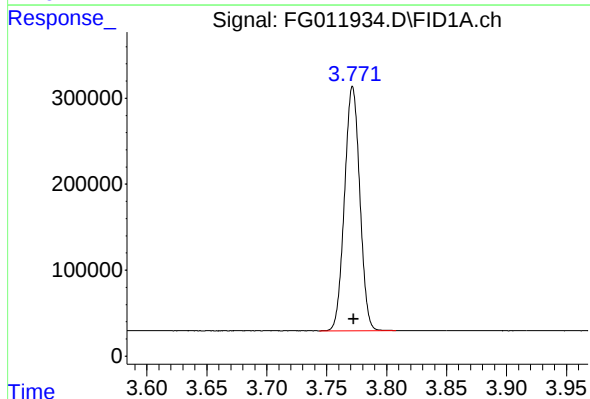




#1 n-Nonane (C9)

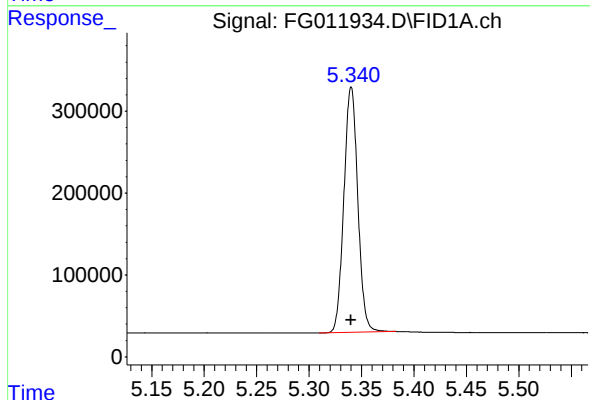
R.T.: 2.760 min
Delta R.T.: -0.002 min
Response: 2443539
Conc: 21.22 ug/ml

Instrument :
FID_G
ClientSampleId :



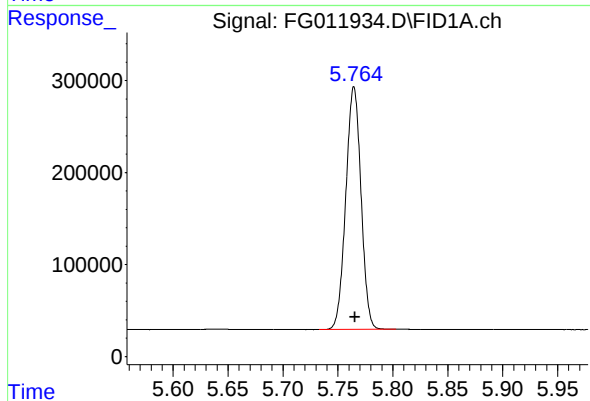
#2 n-Decane (C10)

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 2519842
Conc: 21.36 ug/ml



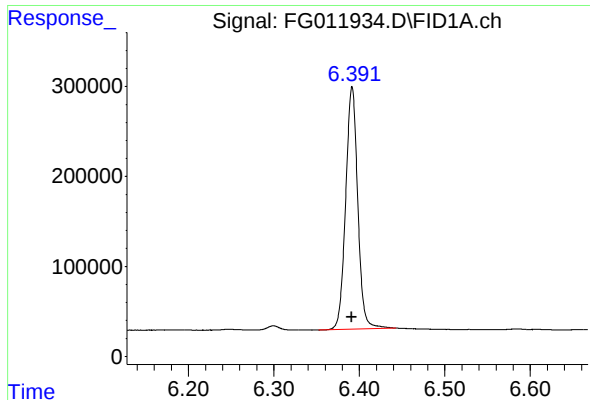
#3 A~Naphthalene (C11.7)

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 2766381
Conc: 21.11 ug/ml



#4 n-Dodecane (C12)

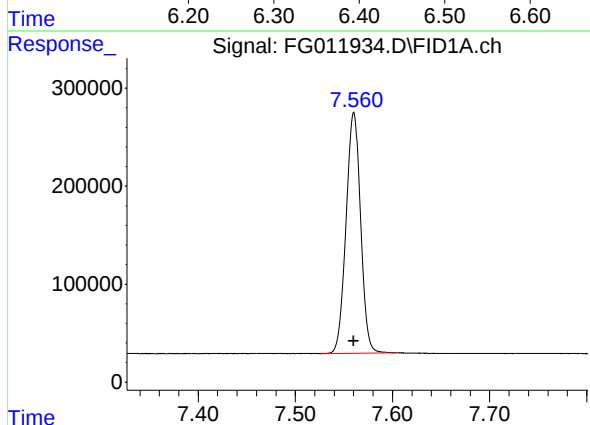
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 2539611
Conc: 21.17 ug/ml



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

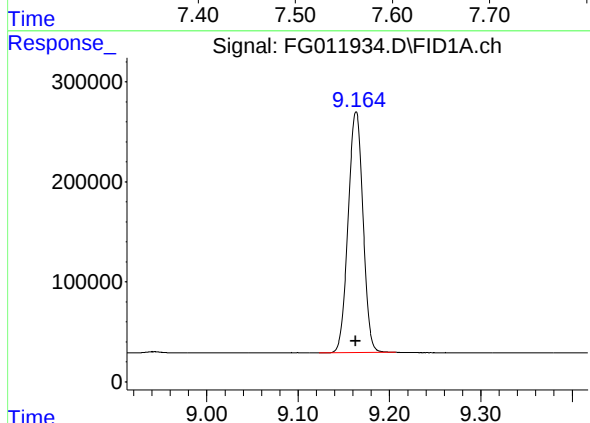
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2644224
Conc: 20.95 ug/ml

Instrument :
FID_G
ClientSampleId :



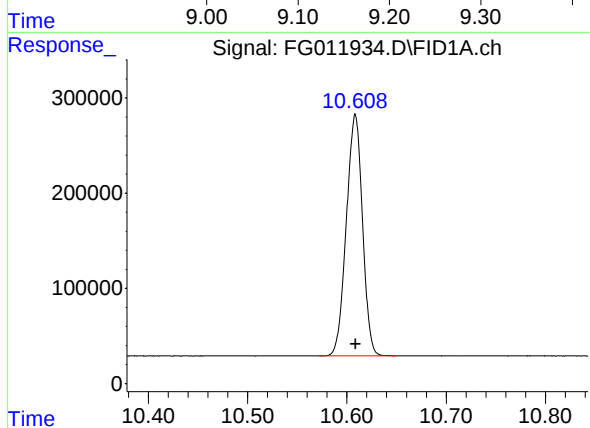
#6 n-Tetradecane (C14)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 2548257
Conc: 20.98 ug/ml



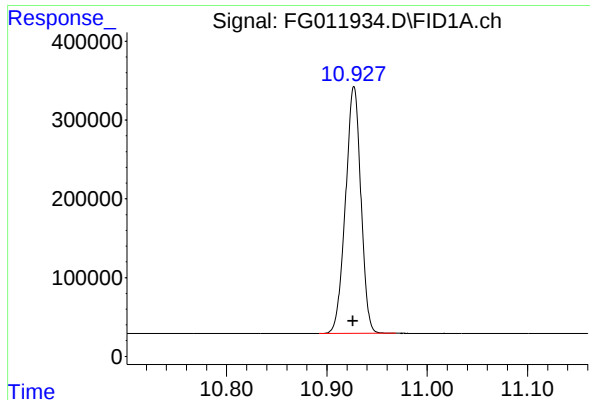
#7 n-Hexadecane (C16)

R.T.: 9.164 min
Delta R.T.: 0.000 min
Response: 2723148
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.609 min
Delta R.T.: 0.000 min
Response: 2871746
Conc: 21.10 ug/ml



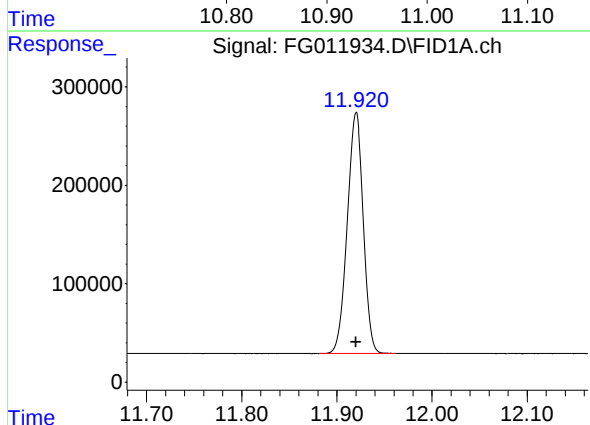
#9 ortho-Terphenyl (SURR)

R.T.: 10.927 min
Delta R.T.: 0.001 min
Response: 3345229
Conc: 21.37 ug/ml

Instrument :

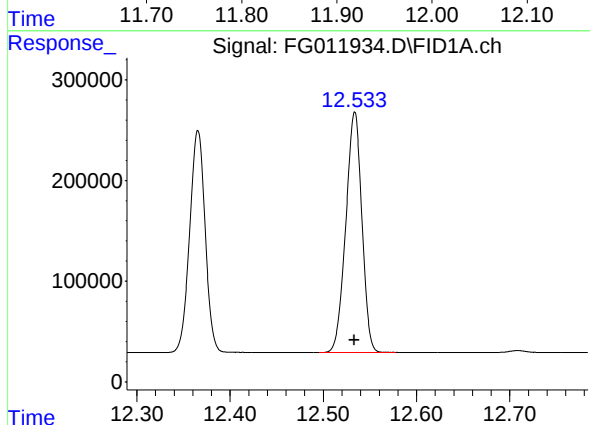
FID_G

ClientSampleId :



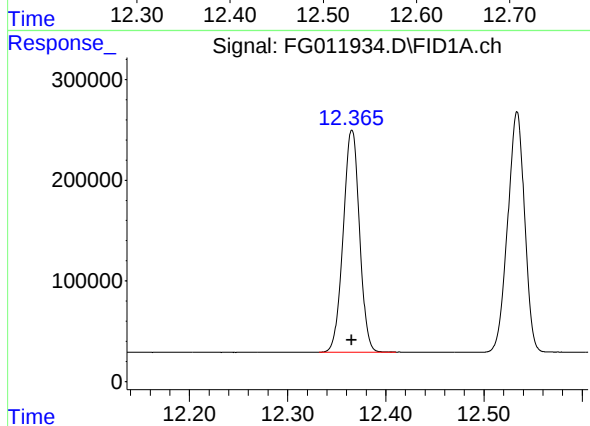
#10 n-Eicosane (C20)

R.T.: 11.920 min
Delta R.T.: 0.000 min
Response: 2869775
Conc: 21.27 ug/ml



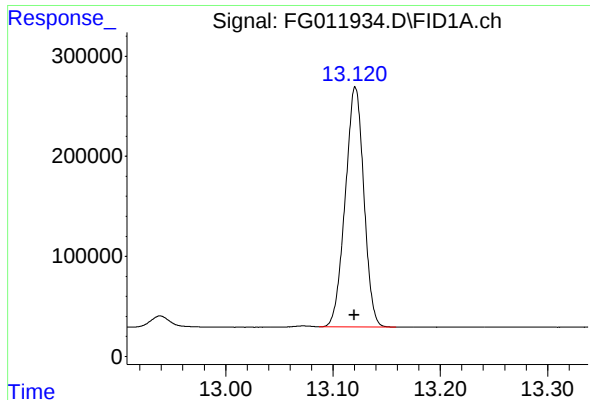
#11 n-Heneicosane (C21)

R.T.: 12.534 min
Delta R.T.: 0.000 min
Response: 2863053
Conc: 21.30 ug/ml



#12 1-chlorooctadecane (SURR)

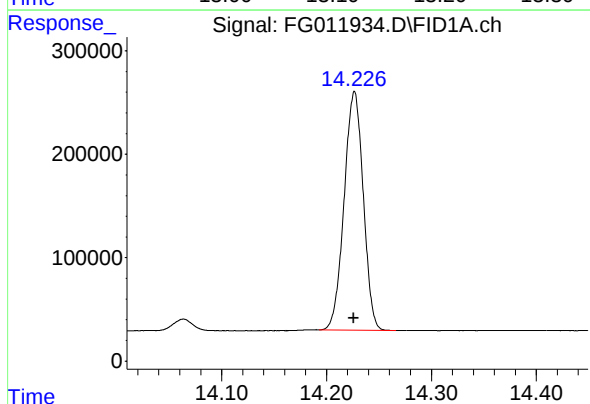
R.T.: 12.366 min
Delta R.T.: 0.000 min
Response: 2542861
Conc: 21.44 ug/ml



#13 n-Docosane (C22)

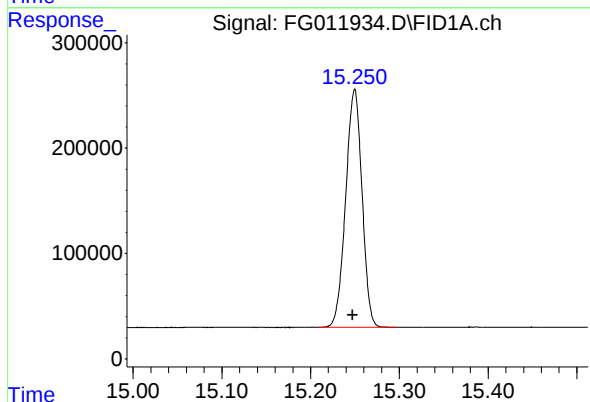
R.T.: 13.121 min
Delta R.T.: 0.000 min
Response: 2889829
Conc: 21.39 ug/ml

Instrument :
FID_G
ClientSampleId :



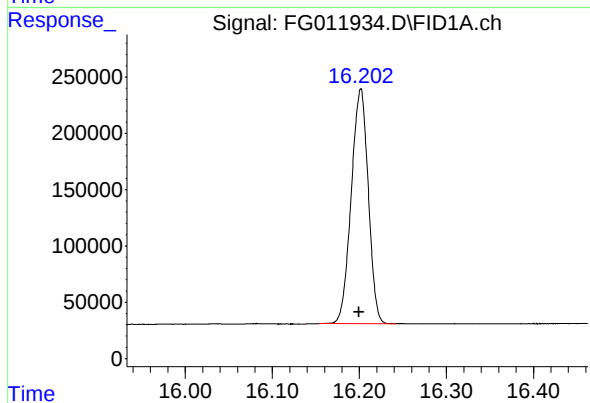
#14 n-Tetracosane (C24)

R.T.: 14.227 min
Delta R.T.: 0.000 min
Response: 2926810
Conc: 21.51 ug/ml



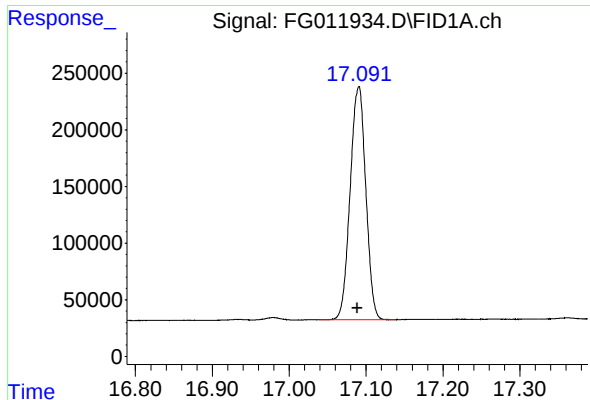
#15 n-Hexacosane (C26)

R.T.: 15.250 min
Delta R.T.: 0.002 min
Response: 2890321
Conc: 21.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.202 min
Delta R.T.: 0.002 min
Response: 2829511
Conc: 21.67 ug/ml



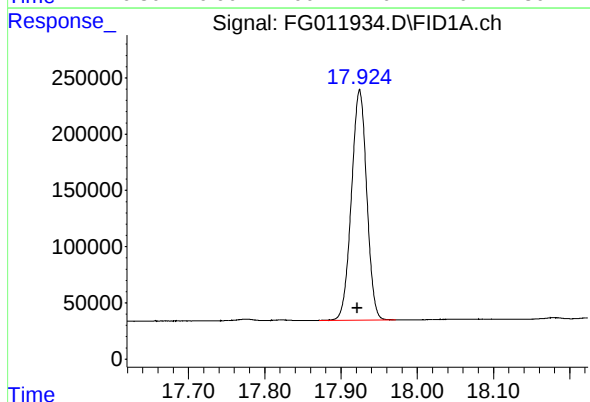
#17 n-Tricontane (C30)

R.T.: 17.091 min
Delta R.T.: 0.002 min
Response: 2907240
Conc: 22.04 ug/ml

Instrument :

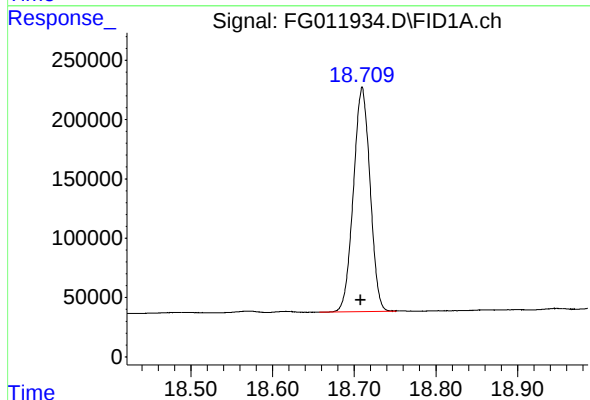
FID_G

ClientSampleId :



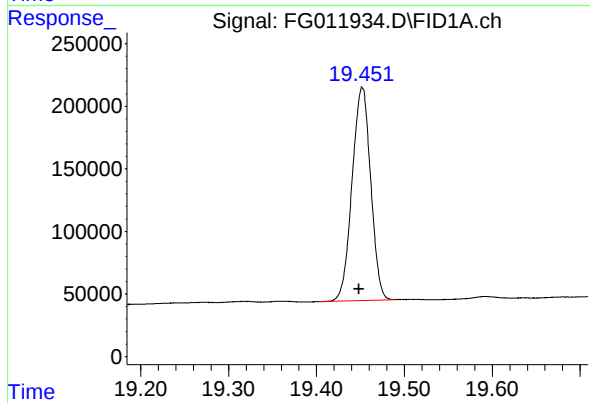
#18 n-Dotriacontane (C32)

R.T.: 17.924 min
Delta R.T.: 0.003 min
Response: 2851786
Conc: 22.20 ug/ml



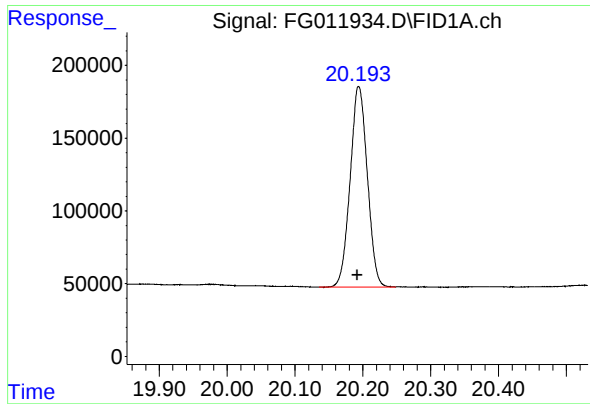
#19 n-Tetatriacontane (C34)

R.T.: 18.710 min
Delta R.T.: 0.002 min
Response: 2673836
Conc: 21.82 ug/ml



#20 n-Hexatriacontane (C36)

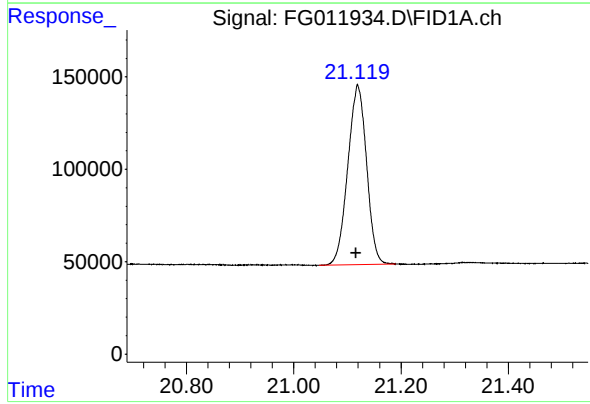
R.T.: 19.452 min
Delta R.T.: 0.004 min
Response: 2501252
Conc: 21.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.194 min
Delta R.T.: 0.002 min
Response: 2425416
Conc: 21.59 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.119 min
Delta R.T.: 0.003 min
Response: 2358254
Conc: 21.89 ug/ml