

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071423AL\
 Data File : FG012393.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2023 20:38
 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: Jul 15 01:18:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:17:55 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)	10.887	819755	5.246 ug/ml
Spiked Amount 50.000		Recovery =	10.49%
12) S 1-chlorooctadecane (S...	12.327	600978	5.185 ug/ml
Spiked Amount 50.000		Recovery =	10.37%
Target Compounds			
1) T n-Nonane (C9)	2.737	652734	5.247 ug/ml
2) T n-Decane (C10)	3.745	665504	5.234 ug/ml
3) T A~Naphthalene (C11.7)	5.312	699255	5.052 ug/ml
4) T n-Dodecane (C12)	5.734	674052	5.239 ug/ml
5) T A~2-methylnaphthalene...	6.362	637370	4.881 ug/ml
6) T n-Tetradecane (C14)	7.527	659065	5.161 ug/ml
7) T n-Hexadecane (C16)	9.128	674615	5.060 ug/ml
8) T n-Octadecane (C18)	10.570	723394	5.209 ug/ml
10) T n-Eicosane (C20)	11.881	707717	5.235 ug/ml
11) T n-Heneicosane (C21)	12.494	697126	5.255 ug/ml
13) T n-Docosane (C22)	13.081	692849	5.255 ug/ml
14) T n-Tetracosane (C24)	14.185	817720	5.822 ug/ml
15) T n-Hexacosane (C26)	15.206	661331	5.239 ug/ml
16) T n-Octacosane (C28)	16.158	686804	5.463 ug/ml
17) T n-Tricontane (C30)	17.046	772104	5.843 ug/ml
18) T n-Dotriacontane (C32)	17.881	802971	6.035 ug/ml
19) T n-Tetratriacontane (C34)	18.665	750296	5.856 ug/ml
20) T n-Hexatriacontane (C36)	19.406	702844	5.688 ug/ml
21) T n-Octatriacontane (C38)	20.140	644861	5.399 ug/ml
22) T n-Tetracontane (C40)	21.049	606763	5.236 ug/ml

(f)=RT Delta > 1/2 Window

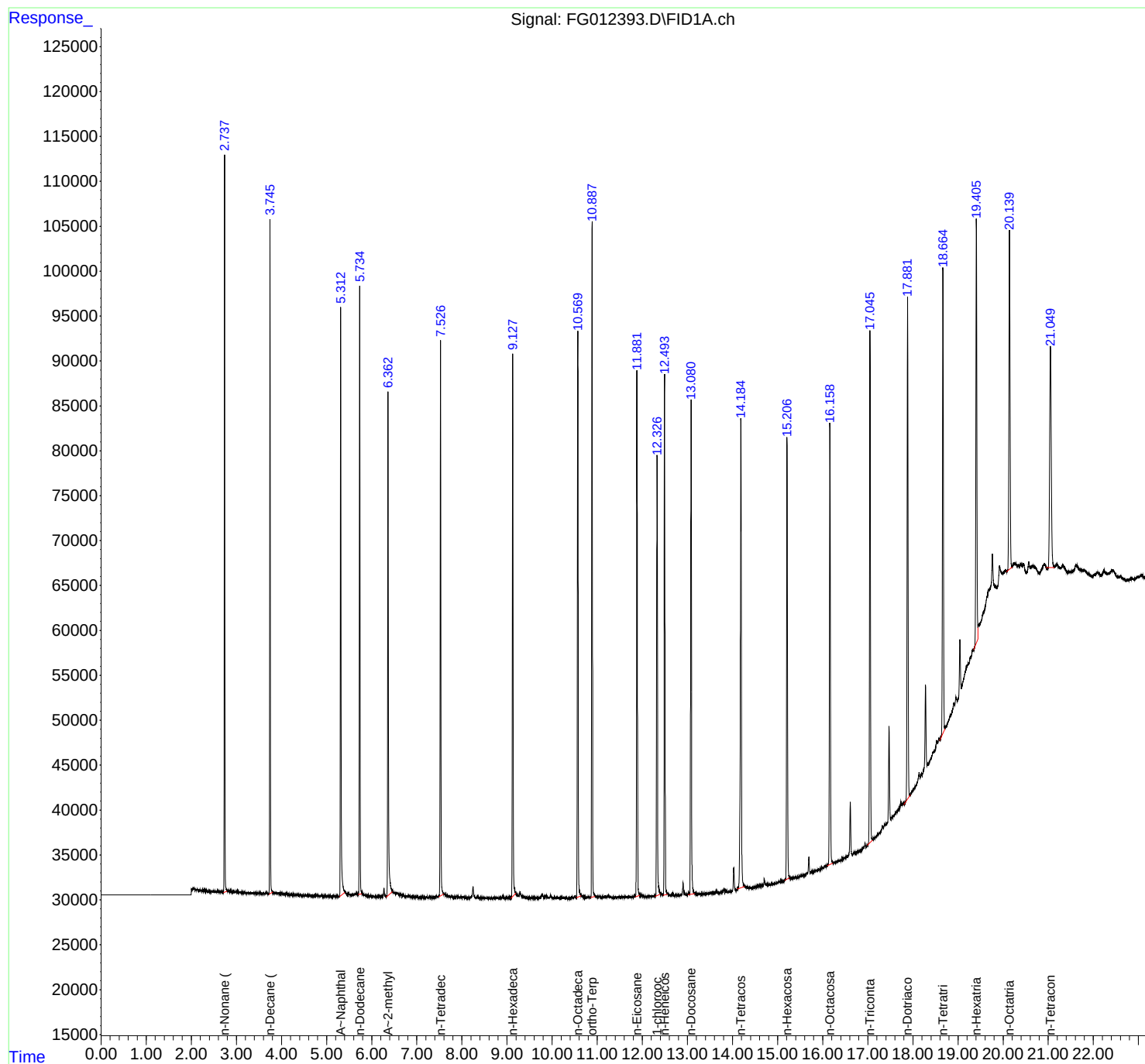
(m)=manual int.

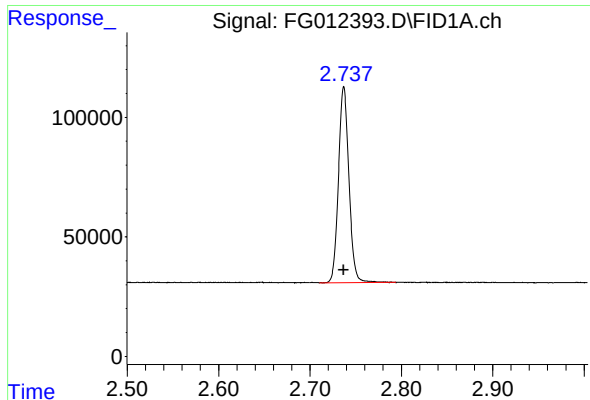
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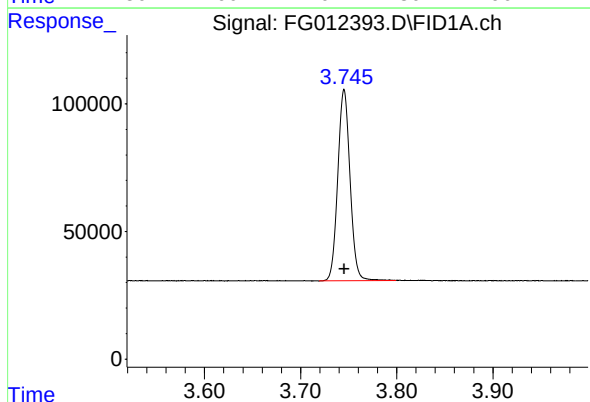




#1 n-Nonane (C9)

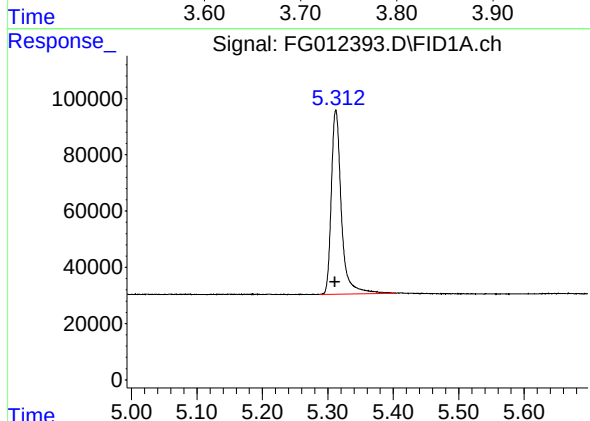
R.T.: 2.737 min
Delta R.T.: 0.000 min
Response: 652734
Conc: 5.25 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



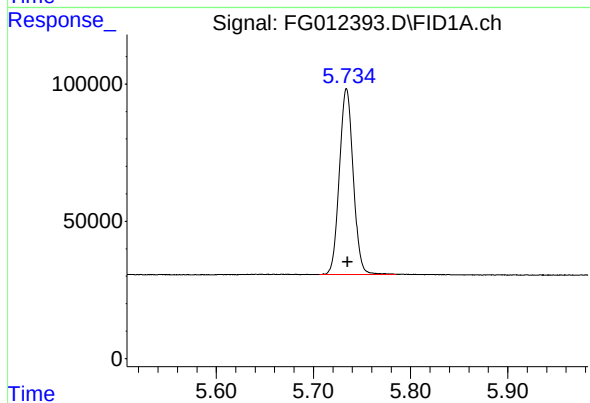
#2 n-Decane (C10)

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 665504
Conc: 5.23 ug/ml



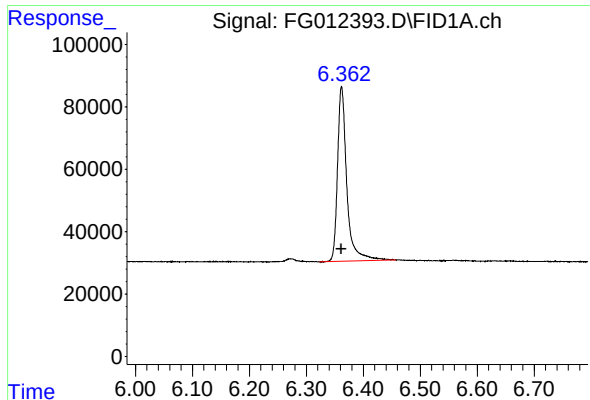
#3 A~Naphthalene (C11.7)

R.T.: 5.312 min
Delta R.T.: 0.001 min
Response: 699255
Conc: 5.05 ug/ml



#4 n-Dodecane (C12)

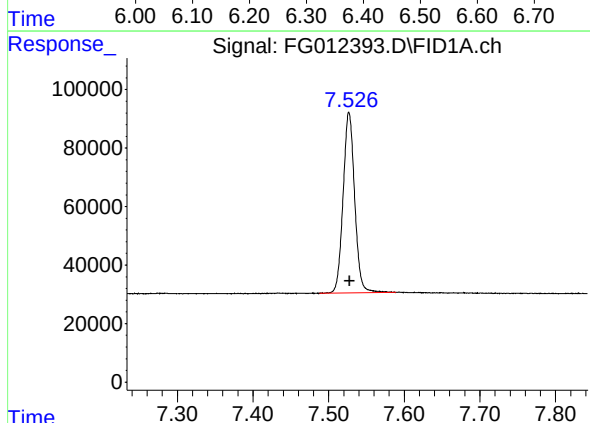
R.T.: 5.734 min
Delta R.T.: -0.001 min
Response: 674052
Conc: 5.24 ug/ml



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

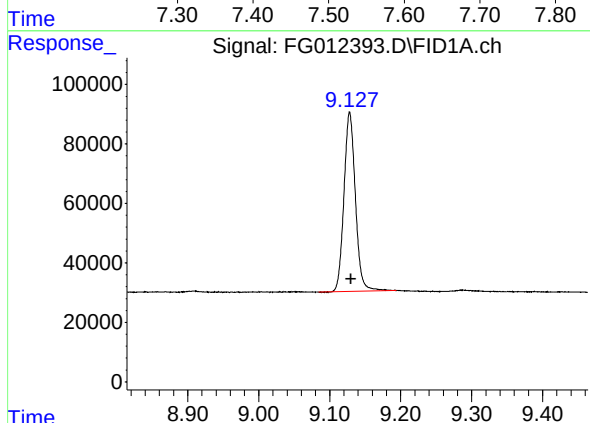
R.T.: 6.362 min
Delta R.T.: 0.001 min
Response: 637370
Conc: 4.88 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



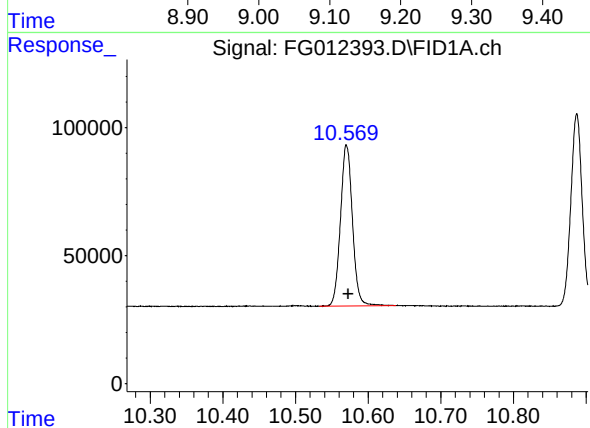
#6 n-Tetradecane (C14)

R.T.: 7.527 min
Delta R.T.: -0.001 min
Response: 659065
Conc: 5.16 ug/ml



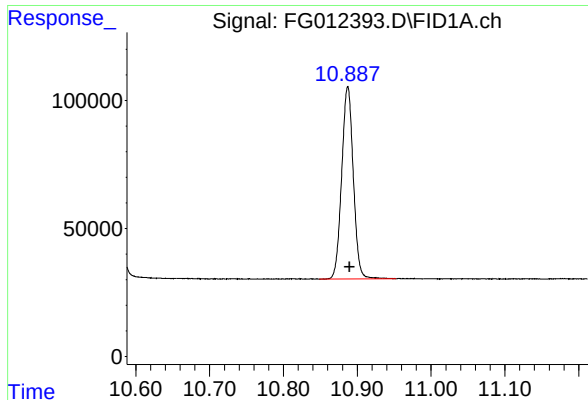
#7 n-Hexadecane (C16)

R.T.: 9.128 min
Delta R.T.: -0.002 min
Response: 674615
Conc: 5.06 ug/ml



#8 n-Octadecane (C18)

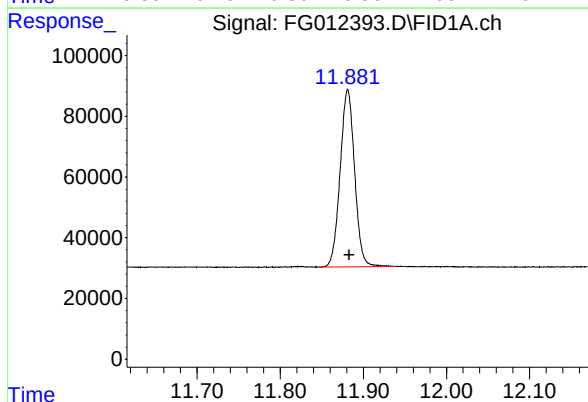
R.T.: 10.570 min
Delta R.T.: -0.002 min
Response: 723394
Conc: 5.21 ug/ml



#9 ortho-Terphenyl (SURR)

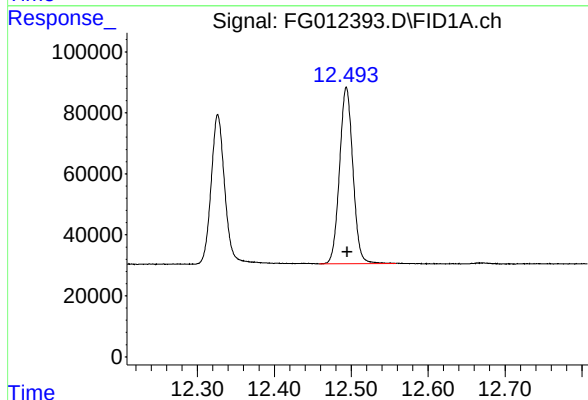
R.T.: 10.887 min
Delta R.T.: -0.002 min
Response: 819755
Conc: 5.25 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



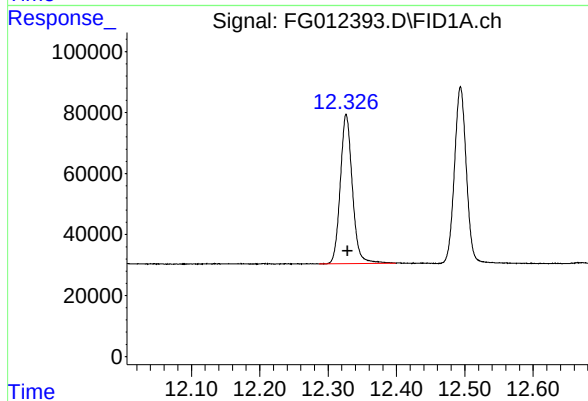
#10 n-Eicosane (C20)

R.T.: 11.881 min
Delta R.T.: -0.002 min
Response: 707717
Conc: 5.23 ug/ml



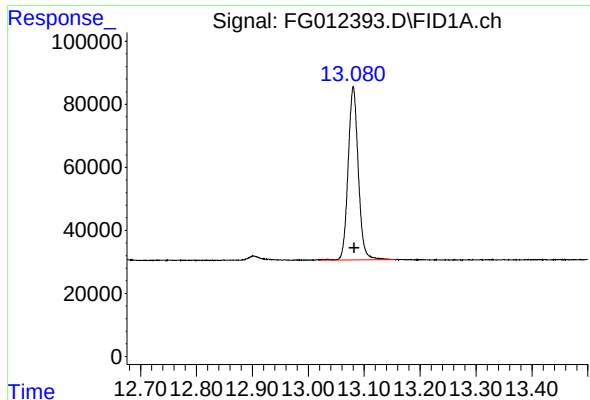
#11 n-Heneicosane (C21)

R.T.: 12.494 min
Delta R.T.: -0.001 min
Response: 697126
Conc: 5.25 ug/ml



#12 1-chlorooctadecane (SURR)

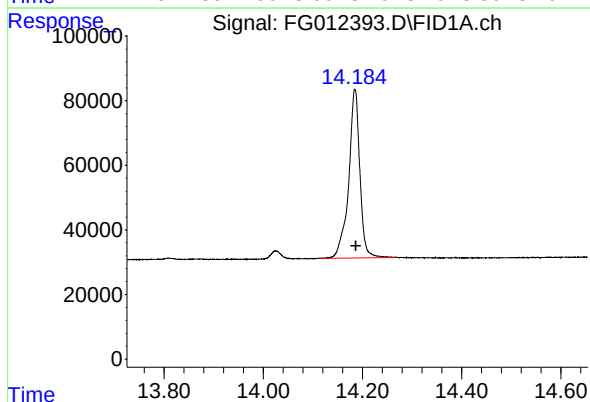
R.T.: 12.327 min
Delta R.T.: -0.002 min
Response: 600978
Conc: 5.19 ug/ml



#13 n-Docosane (C22)

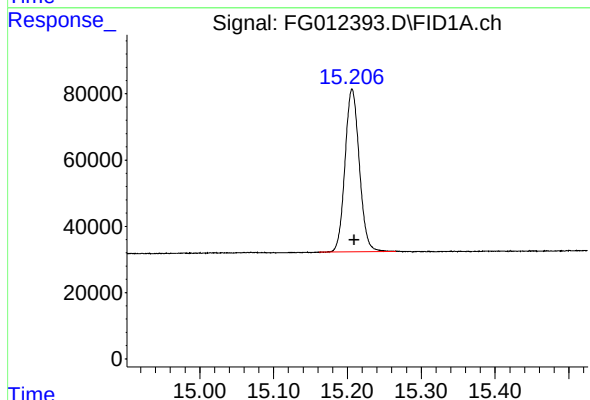
R.T.: 13.081 min
Delta R.T.: -0.001 min
Response: 692849
Conc: 5.26 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



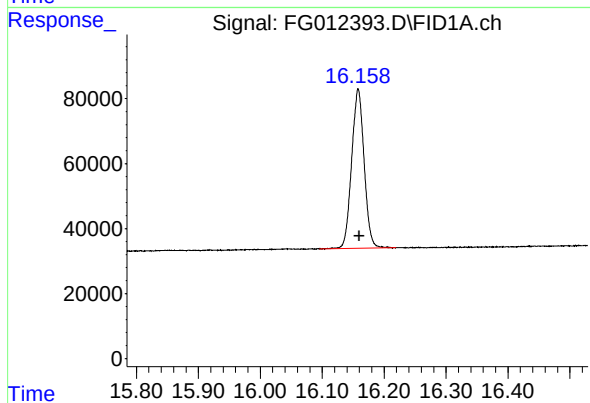
#14 n-Tetracosane (C24)

R.T.: 14.185 min
Delta R.T.: -0.002 min
Response: 817720
Conc: 5.82 ug/ml



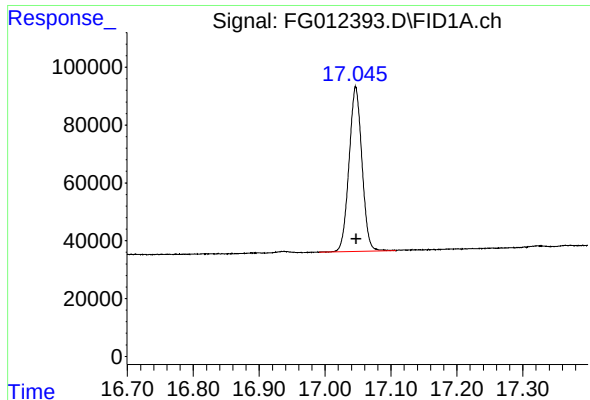
#15 n-Hexacosane (C26)

R.T.: 15.206 min
Delta R.T.: -0.003 min
Response: 661331
Conc: 5.24 ug/ml



#16 n-Octacosane (C28)

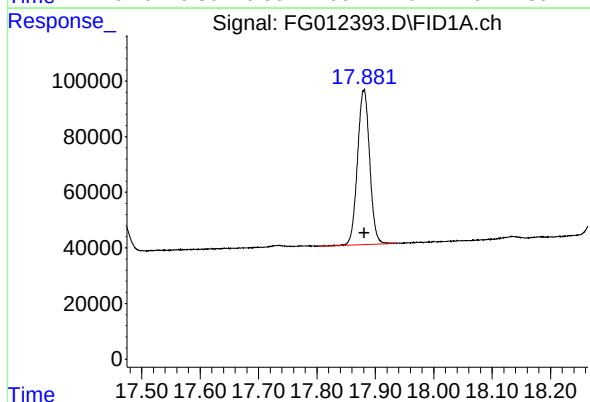
R.T.: 16.158 min
Delta R.T.: -0.002 min
Response: 686804
Conc: 5.46 ug/ml



#17 n-Tricontane (C30)

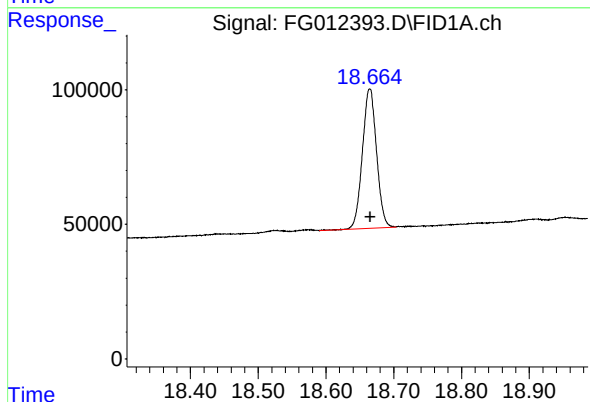
R.T.: 17.046 min
Delta R.T.: -0.001 min
Response: 772104
Conc: 5.84 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



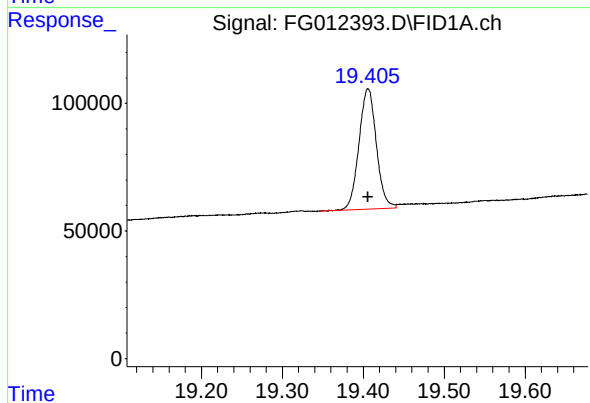
#18 n-Dotriacontane (C32)

R.T.: 17.881 min
Delta R.T.: 0.000 min
Response: 802971
Conc: 6.03 ug/ml



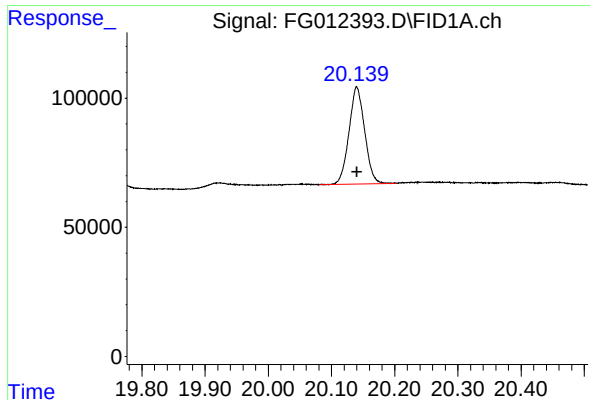
#19 n-Tetatriacontane (C34)

R.T.: 18.665 min
Delta R.T.: 0.000 min
Response: 750296
Conc: 5.86 ug/ml



#20 n-Hexatriacontane (C36)

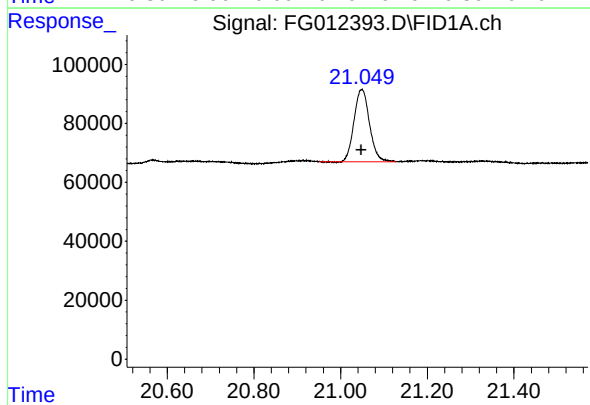
R.T.: 19.406 min
Delta R.T.: 0.000 min
Response: 702844
Conc: 5.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.140 min
Delta R.T.: 0.000 min
Response: 644861
Conc: 5.40 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.049 min
Delta R.T.: 0.001 min
Response: 606763
Conc: 5.24 ug/ml