

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091124AL\
 Data File : FG014209.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2024 21:57
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 11 07:11:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 07:11:30 2024
 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)	11.822	717805	5.330 ug/ml
Spiked Amount 50.000		Recovery =	10.66%
12) S 1-chlorooctadecane (S...	13.272	553610	5.306 ug/ml
Spiked Amount 50.000		Recovery =	10.61%
Target Compounds			
1) T n-Nonane (C9)	3.202	649424	5.369 ug/ml
2) T n-Decane (C10)	4.451	656801	5.349 ug/ml
3) T A~Naphthalene (C11.7)	6.153	596164	4.873 ug/ml
4) T n-Dodecane (C12)	6.622	629069	5.206 ug/ml
5) T A~2-methylnaphthalene...	7.253	443083	4.158 ug/ml
6) T n-Tetradecane (C14)	8.457	593416	5.027 ug/ml
7) T n-Hexadecane (C16)	10.068	657977	5.288 ug/ml
8) T n-Octadecane (C18)	11.513	675204	5.328 ug/ml
10) T n-Eicosane (C20)	12.826	657443	5.369 ug/ml
11) T n-Heneicosane (C21)	13.440	646645	5.371 ug/ml
13) T n-Docosane (C22)	14.028	643140	5.373 ug/ml
14) T n-Tetracosane (C24)	15.134	638526	5.369 ug/ml
15) T n-Hexacosane (C26)	16.157	625517	5.367 ug/ml
16) T n-Octacosane (C28)	17.108	613782	5.396 ug/ml
17) T n-Tricontane (C30)	17.998	639097	5.509 ug/ml
18) T n-Dotriacontane (C32)	18.832	626910	5.596 ug/ml
19) T n-Tetratriacontane (C34)	19.617	548079	5.569 ug/ml
20) T n-Hexatriacontane (C36)	20.361	493489	5.520 ug/ml
21) T n-Octatriacontane (C38)	21.090	445419	5.469 ug/ml
22) T n-Tetracontane (C40)	21.984	449062	5.452 ug/ml

(f)=RT Delta > 1/2 Window

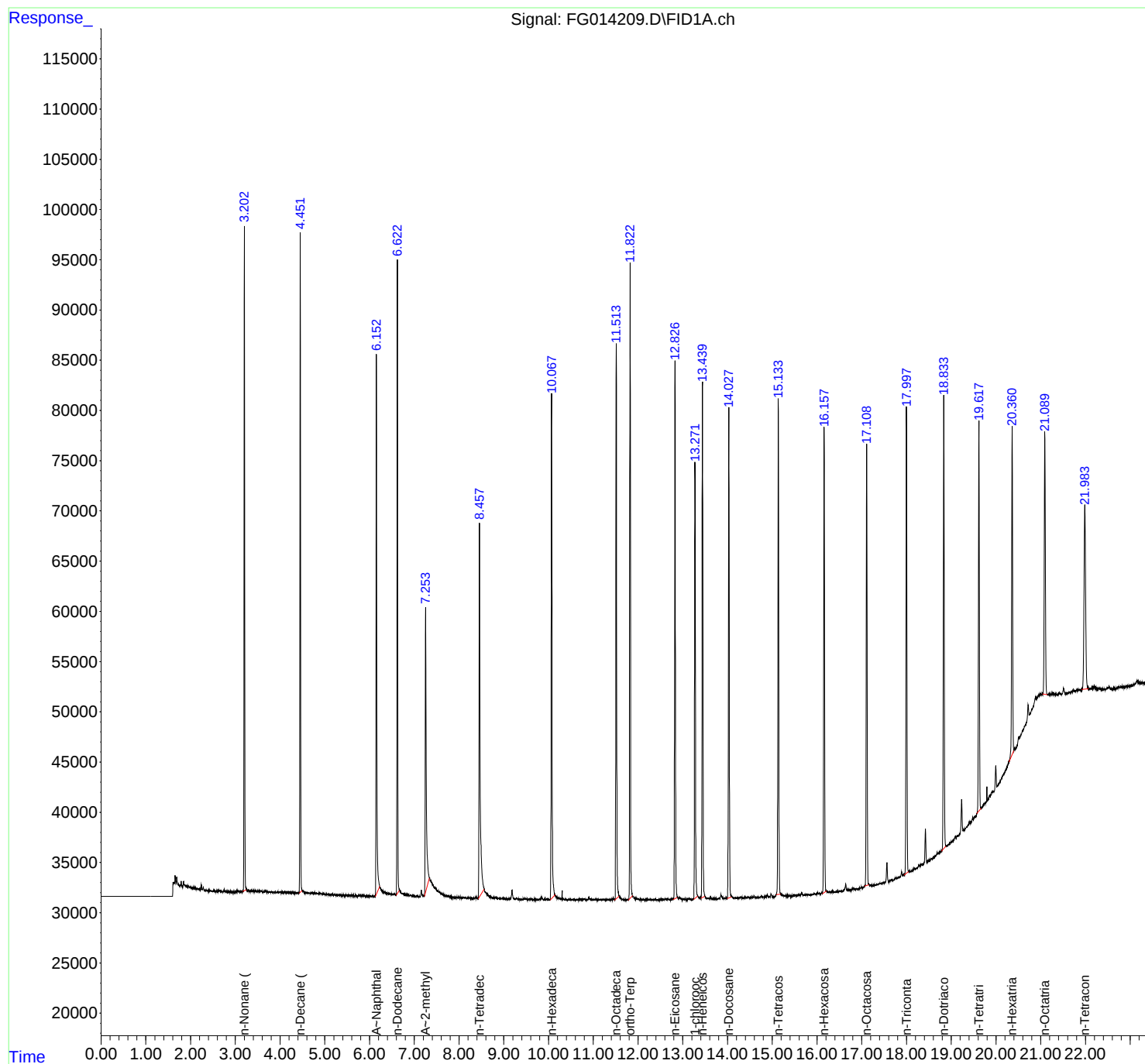
(m)=manual int.

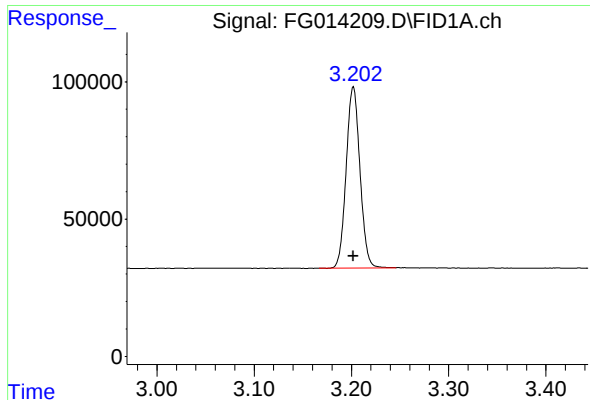
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091124AL\
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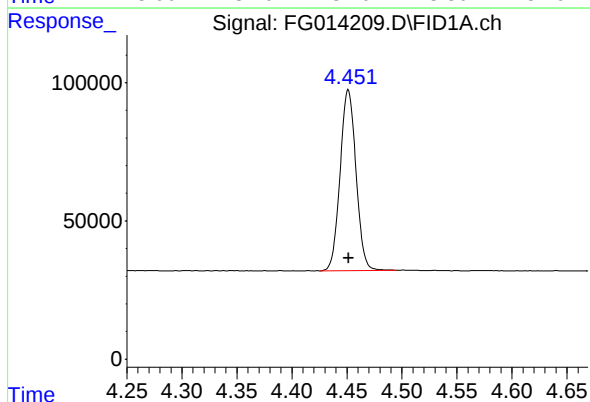




#1 n-Nonane (C9)

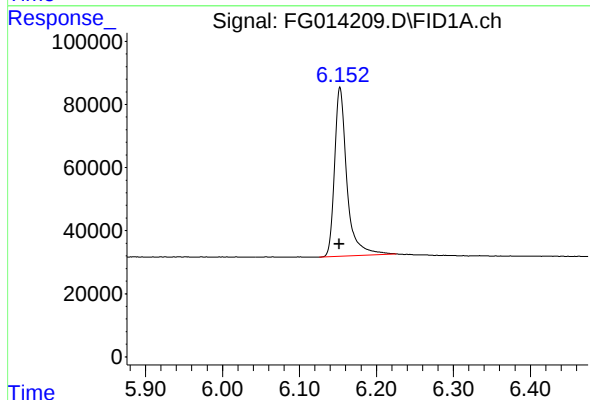
R.T.: 3.202 min
Delta R.T.: 0.000 min
Response: 649424
Conc: 5.37 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



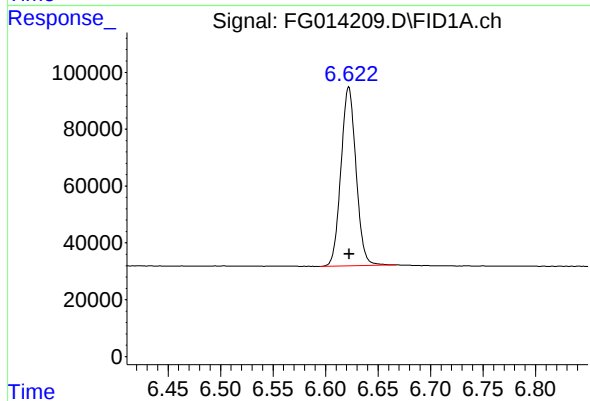
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 656801
Conc: 5.35 ug/ml



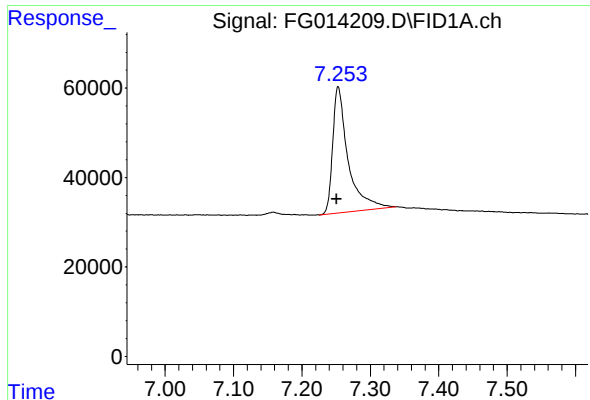
#3 A~Naphthalene (C11.7)

R.T.: 6.153 min
Delta R.T.: 0.001 min
Response: 596164
Conc: 4.87 ug/ml



#4 n-Dodecane (C12)

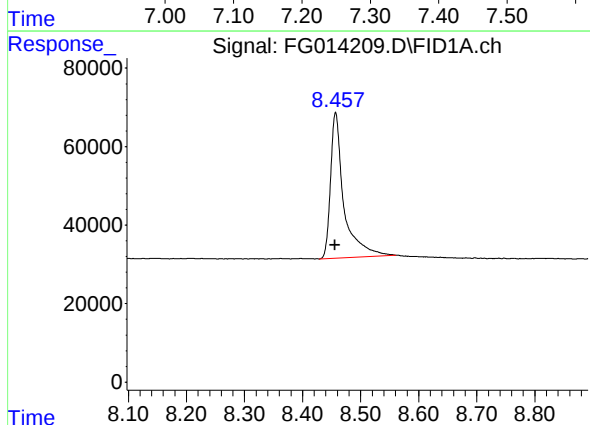
R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 629069
Conc: 5.21 ug/ml



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

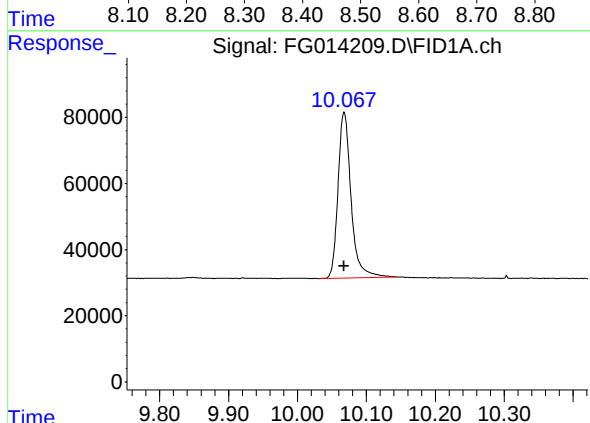
R.T.: 7.253 min
Delta R.T.: 0.002 min
Response: 443083
Conc: 4.16 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



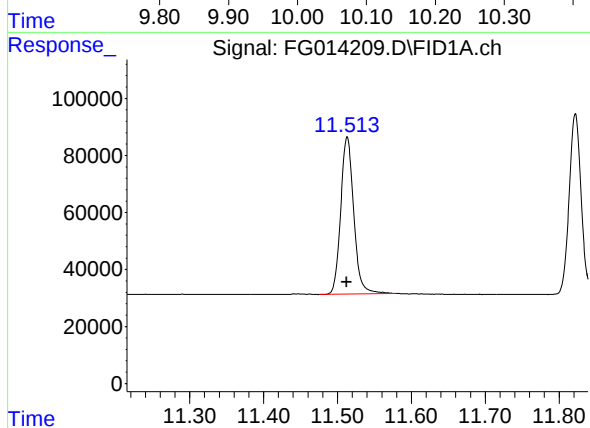
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: 0.001 min
Response: 593416
Conc: 5.03 ug/ml



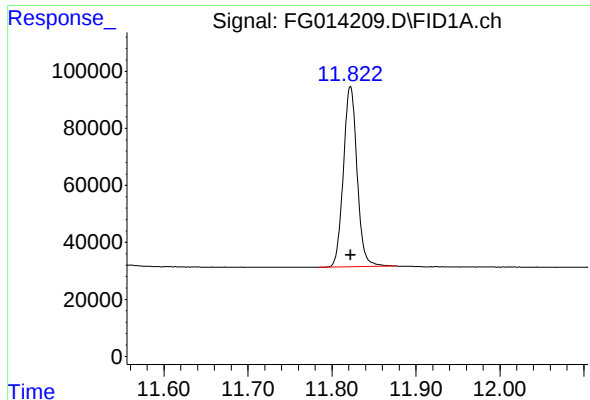
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: 0.000 min
Response: 657977
Conc: 5.29 ug/ml



#8 n-Octadecane (C18)

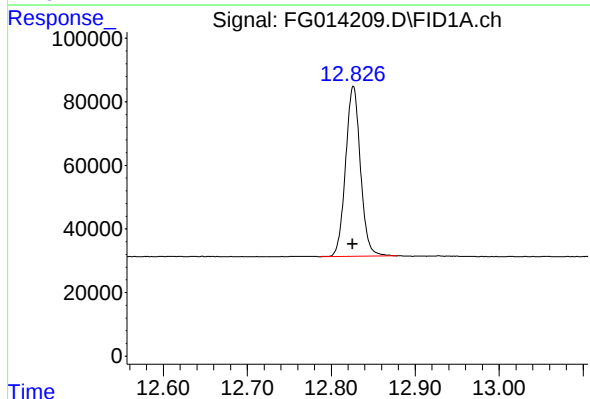
R.T.: 11.513 min
Delta R.T.: 0.000 min
Response: 675204
Conc: 5.33 ug/ml



#9 ortho-Terphenyl (SURR)

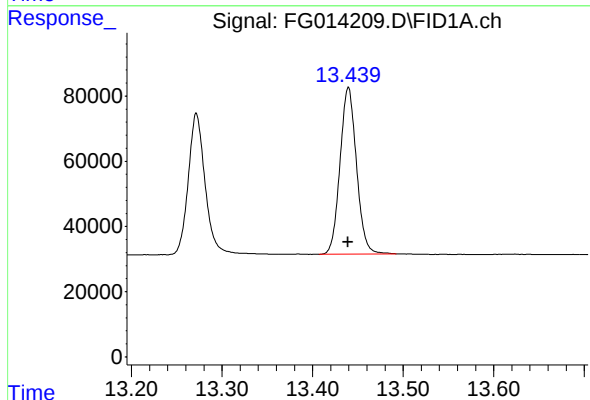
R.T.: 11.822 min
Delta R.T.: 0.000 min
Response: 717805
Conc: 5.33 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



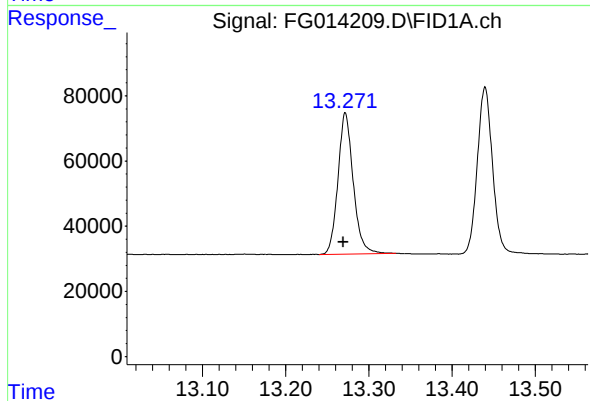
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: 0.000 min
Response: 657443
Conc: 5.37 ug/ml



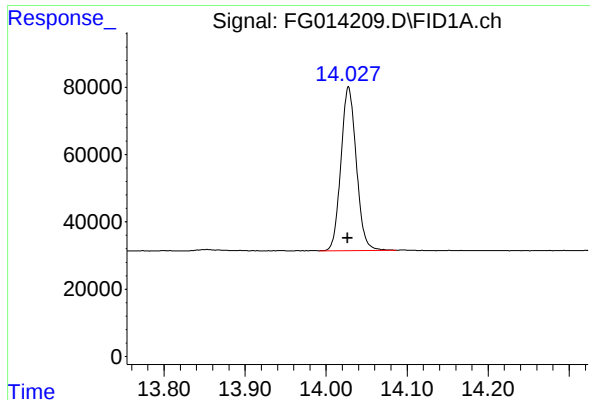
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: 0.000 min
Response: 646645
Conc: 5.37 ug/ml



#12 1-chlorooctadecane (SURR)

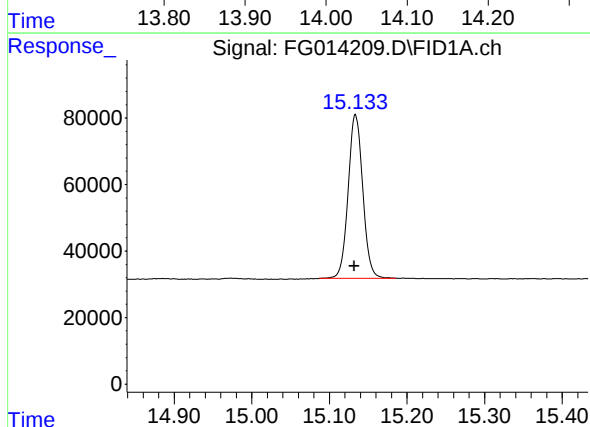
R.T.: 13.272 min
Delta R.T.: 0.002 min
Response: 553610
Conc: 5.31 ug/ml



#13 n-Docosane (C22)

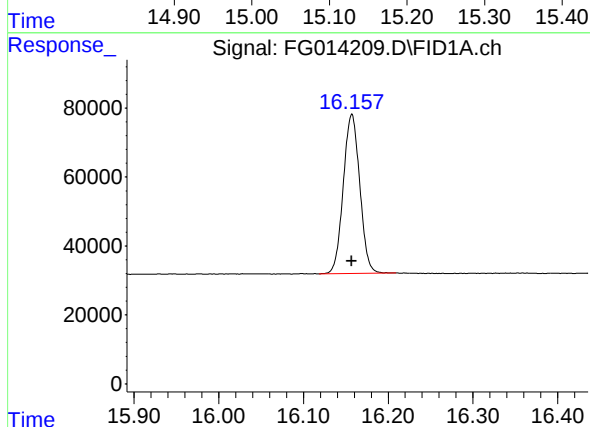
R.T.: 14.028 min
Delta R.T.: 0.001 min
Response: 643140
Conc: 5.37 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



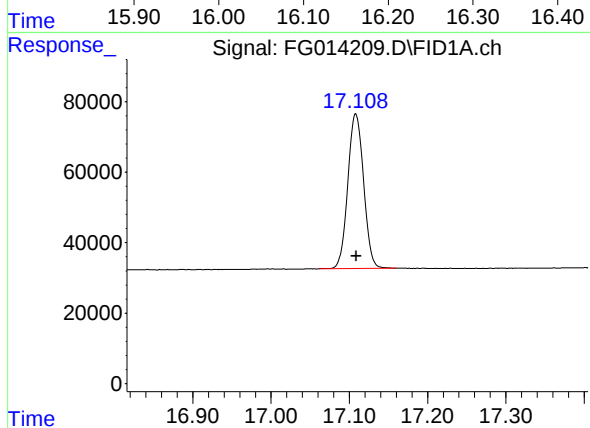
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: 0.002 min
Response: 638526
Conc: 5.37 ug/ml



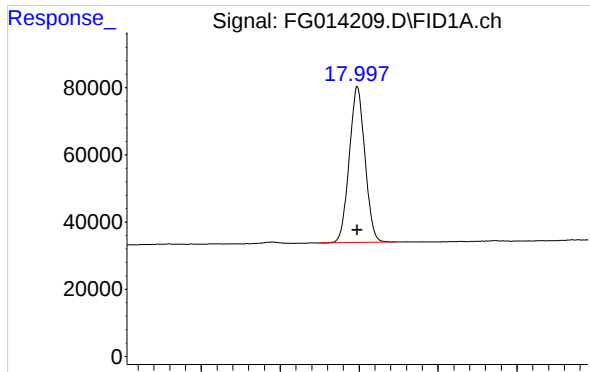
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: 0.000 min
Response: 625517
Conc: 5.37 ug/ml



#16 n-Octacosane (C28)

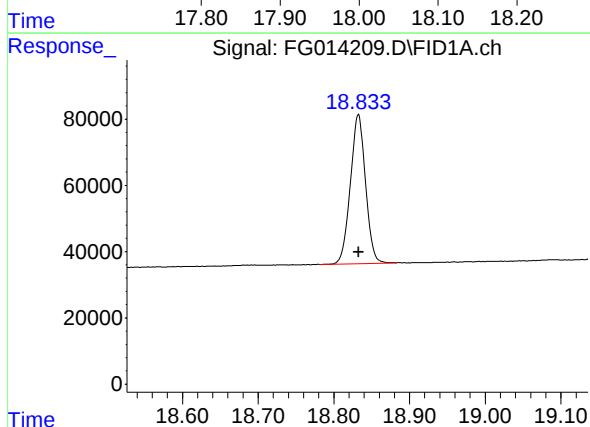
R.T.: 17.108 min
Delta R.T.: 0.000 min
Response: 613782
Conc: 5.40 ug/ml



#17 n-Tricontane (C30)

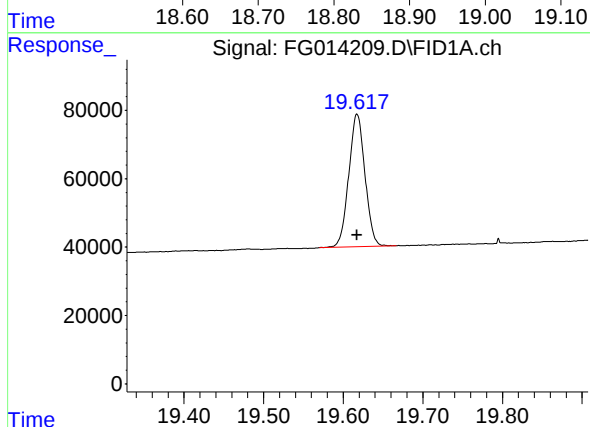
R.T.: 17.998 min
Delta R.T.: 0.000 min
Response: 639097
Conc: 5.51 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



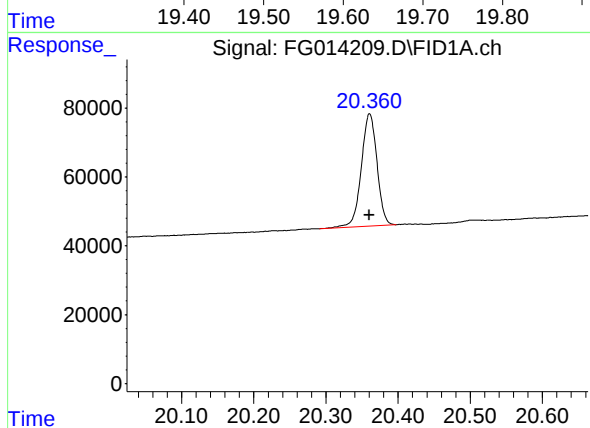
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: 0.000 min
Response: 626910
Conc: 5.60 ug/ml



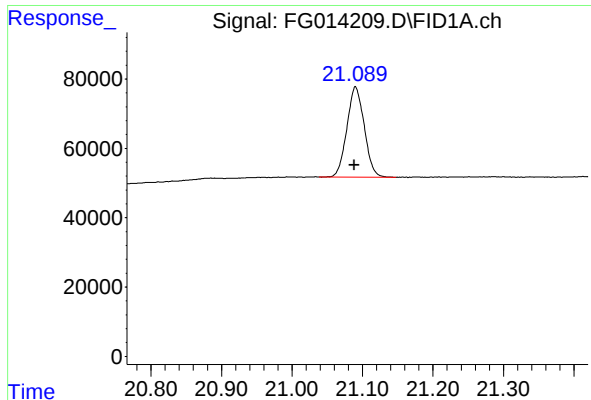
#19 n-Tetatriacontane (C34)

R.T.: 19.617 min
Delta R.T.: 0.000 min
Response: 548079
Conc: 5.57 ug/ml



#20 n-Hexatriacontane (C36)

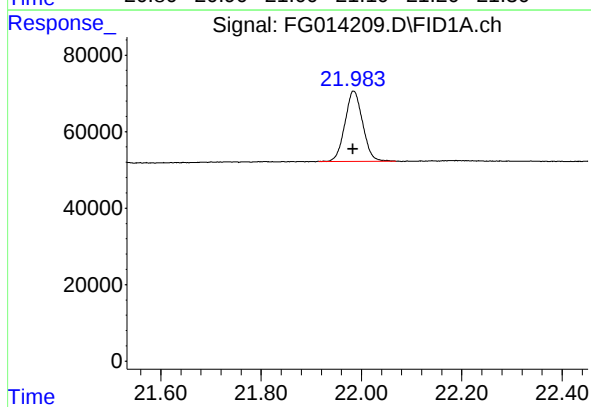
R.T.: 20.361 min
Delta R.T.: 0.000 min
Response: 493489
Conc: 5.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.090 min
Delta R.T.: 0.002 min
Response: 445419
Conc: 5.47 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: 0.001 min
Response: 449062
Conc: 5.45 ug/ml