

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015069.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 11:29
 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: Jan 14 11:44:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:44:36 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)	11.940	793826	5.077 ug/ml
Spiked Amount 50.000		Recovery =	10.15%
12) S 1-chlorooctadecane (S...	13.387	608003	4.993 ug/ml
Spiked Amount 50.000		Recovery =	9.99%
Target Compounds			
1) T n-Nonane (C9)	3.287	664889	5.121 ug/ml
2) T n-Decane (C10)	4.546	678916	5.109 ug/ml
3) T A~Naphthalene (C11.7)	6.256	741908	5.080 ug/ml
4) T n-Dodecane (C12)	6.724	692500	5.094 ug/ml
5) T A~2-methylnaphthalene...	7.356	724639	5.076 ug/ml
6) T n-Tetradecane (C14)	8.560	698008	5.076 ug/ml
7) T n-Hexadecane (C16)	10.175	735392	5.075 ug/ml
8) T n-Octadecane (C18)	11.625	753432	5.069 ug/ml
10) T n-Eicosane (C20)	12.940	726588	5.062 ug/ml
11) T n-Heneicosane (C21)	13.555	714831	5.056 ug/ml
13) T n-Docosane (C22)	14.143	709791	5.048 ug/ml
14) T n-Tetracosane (C24)	15.251	700082	5.030 ug/ml
15) T n-Hexacosane (C26)	16.276	681420	5.031 ug/ml
16) T n-Octacosane (C28)	17.229	671550	5.103 ug/ml
17) T n-Tricontane (C30)	18.120	699551	5.273 ug/ml
18) T n-Dotriacontane (C32)	18.955	678547	5.380 ug/ml
19) T n-Tetratriacontane (C34)	19.741	581837	5.344 ug/ml
20) T n-Hexatriacontane (C36)	20.482	494323	5.295 ug/ml
21) T n-Octatriacontane (C38)	21.233	459379	5.235 ug/ml
22) T n-Tetracontane (C40)	22.172	433737	5.117 ug/ml

(f)=RT Delta > 1/2 Window

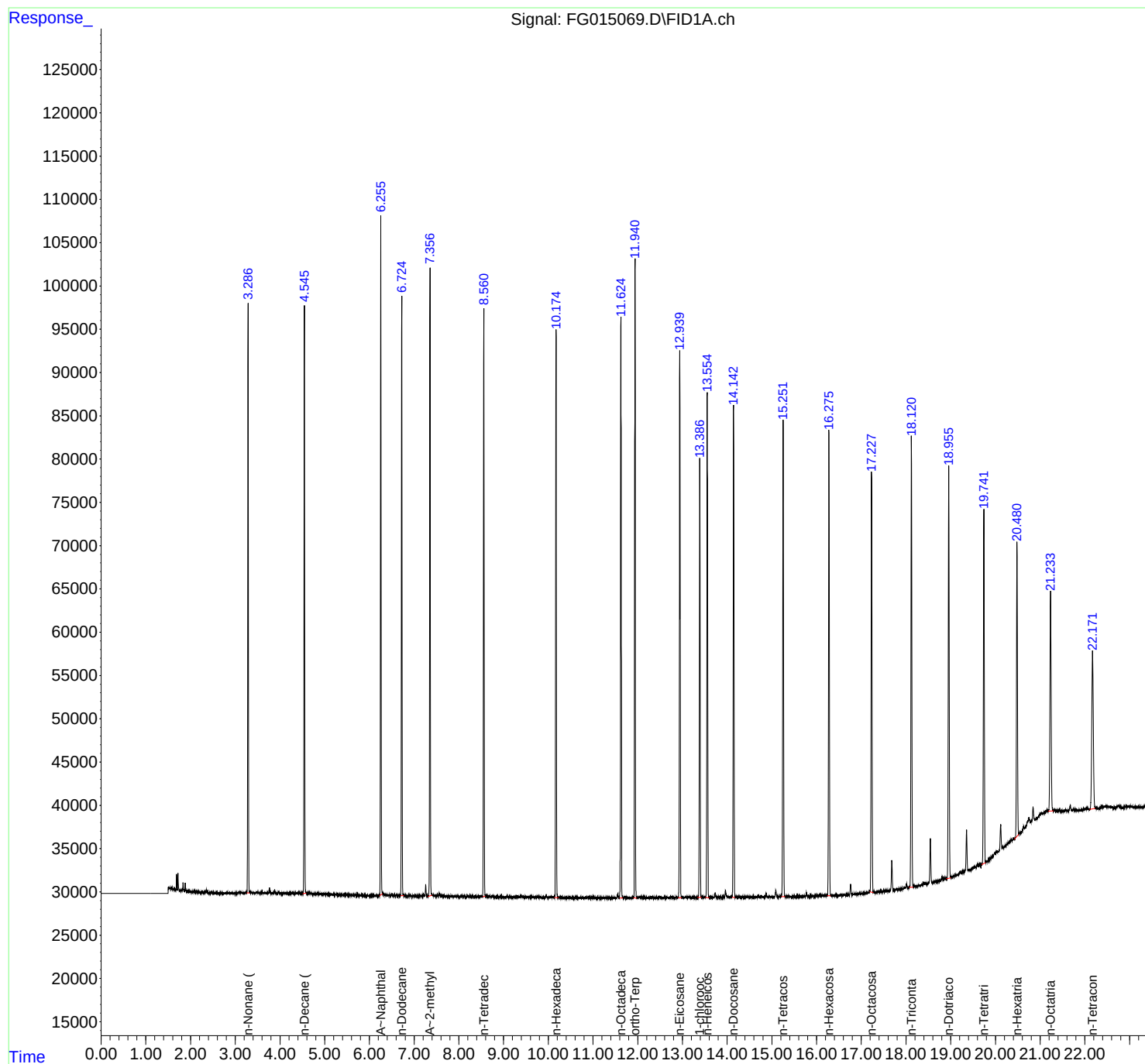
(m)=manual int.

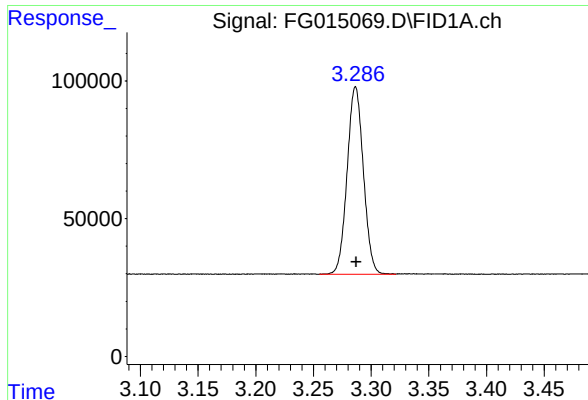
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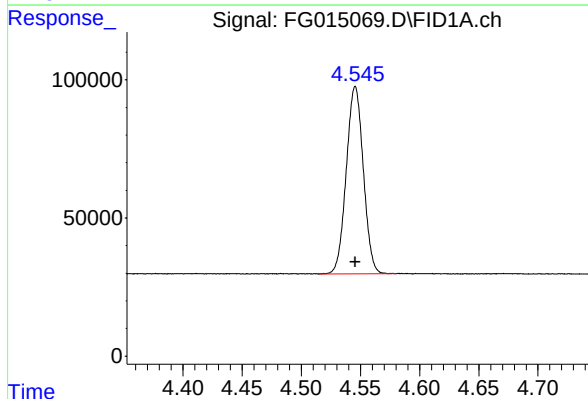




#1 n-Nonane (C9)

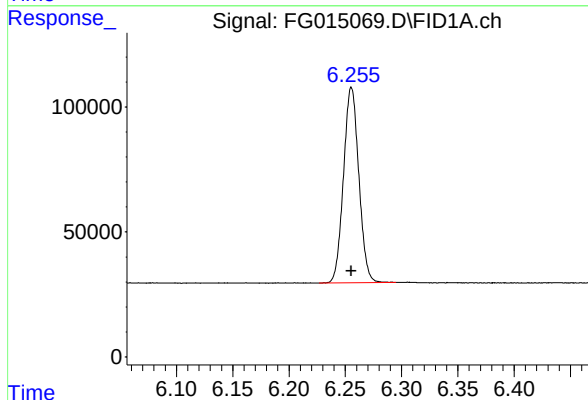
R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 664889
Conc: 5.12 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



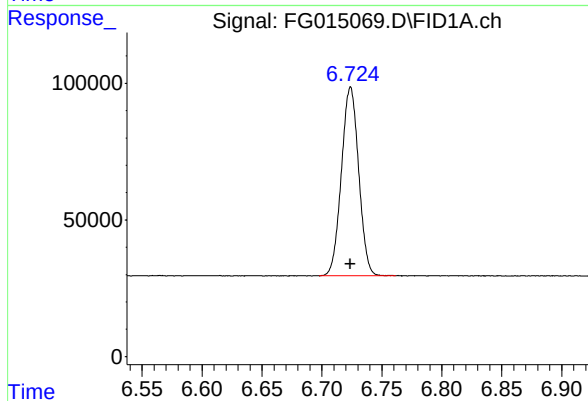
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 678916
Conc: 5.11 ug/ml



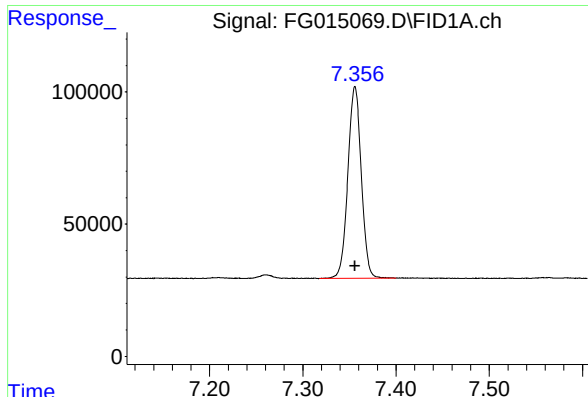
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 741908
Conc: 5.08 ug/ml



#4 n-Dodecane (C12)

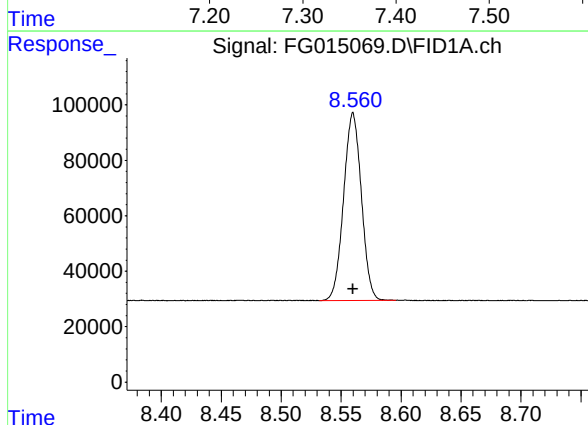
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 692500
Conc: 5.09 ug/ml



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

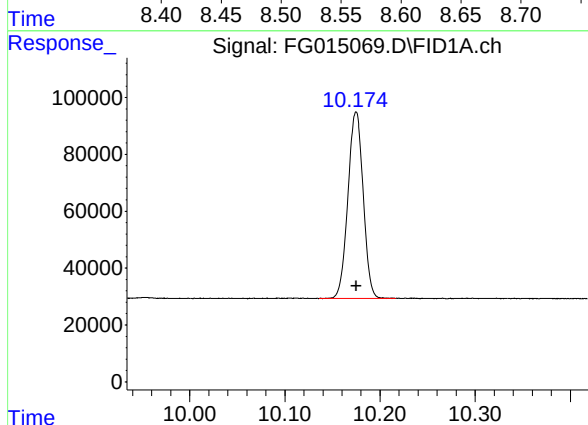
R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 724639
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



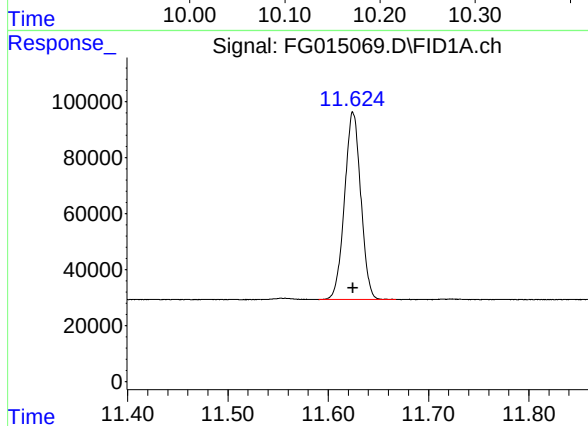
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 698008
Conc: 5.08 ug/ml



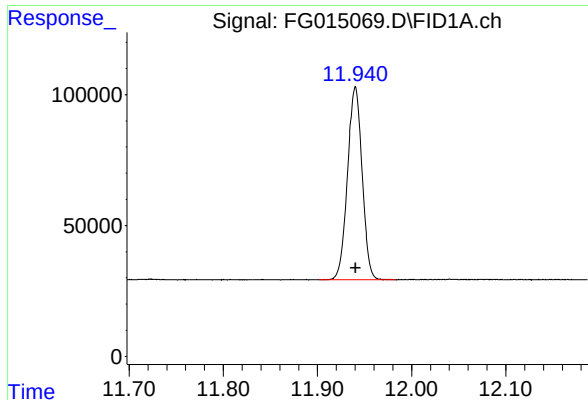
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.000 min
Response: 735392
Conc: 5.08 ug/ml



#8 n-Octadecane (C18)

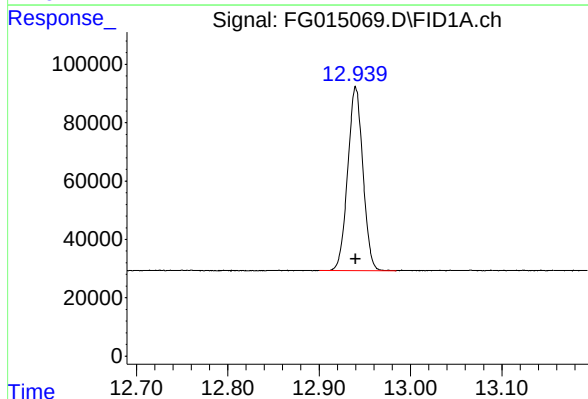
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 753432
Conc: 5.07 ug/ml



#9 ortho-Terphenyl (SURR)

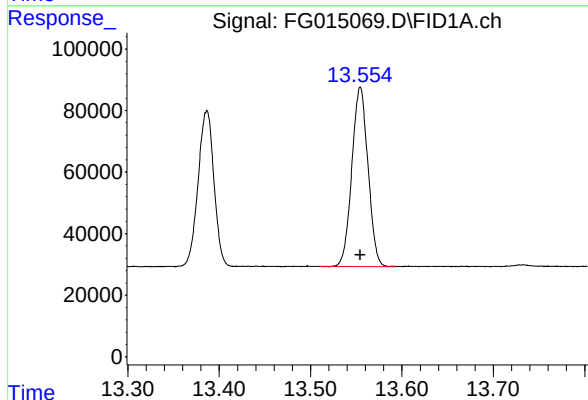
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 793826
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



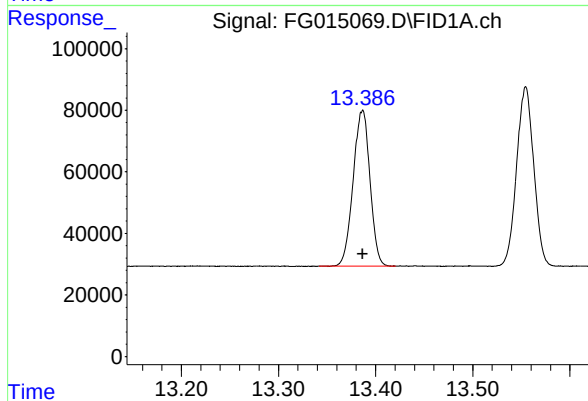
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 726588
Conc: 5.06 ug/ml



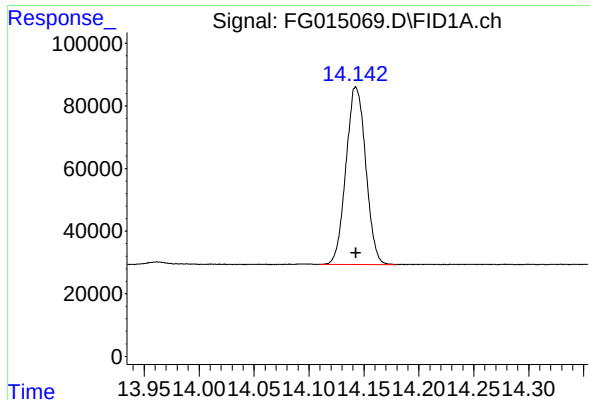
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 714831
Conc: 5.06 ug/ml



#12 1-chlorooctadecane (SURR)

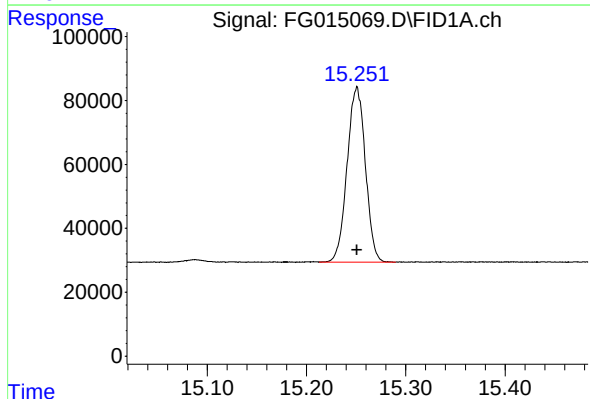
R.T.: 13.387 min
Delta R.T.: 0.000 min
Response: 608003
Conc: 4.99 ug/ml



#13 n-Docosane (C22)

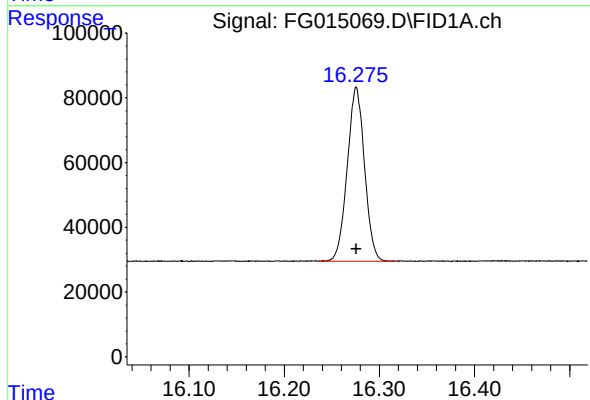
R.T.: 14.143 min
Delta R.T.: 0.000 min
Response: 709791
Conc: 5.05 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



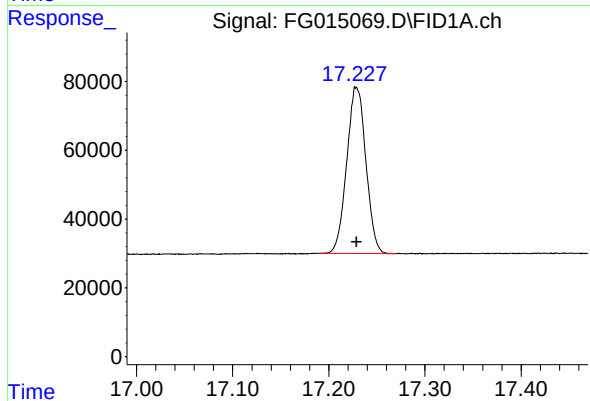
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 700082
Conc: 5.03 ug/ml



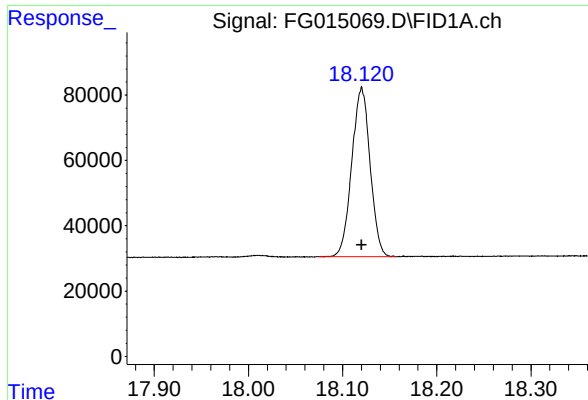
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 681420
Conc: 5.03 ug/ml



#16 n-Octacosane (C28)

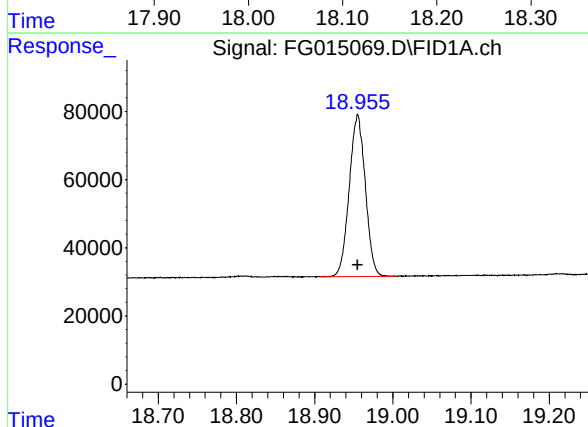
R.T.: 17.229 min
Delta R.T.: 0.000 min
Response: 671550
Conc: 5.10 ug/ml



#17 n-Tricontane (C30)

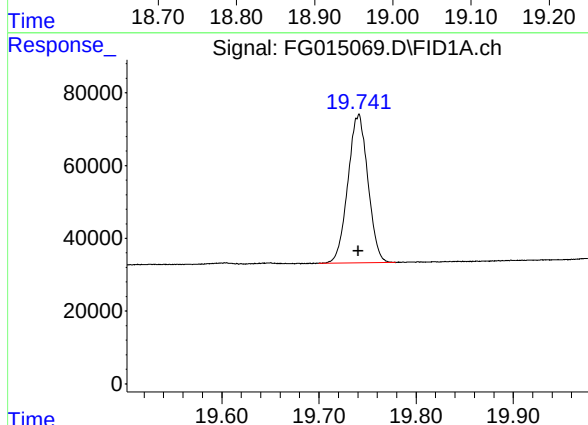
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 699551
Conc: 5.27 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



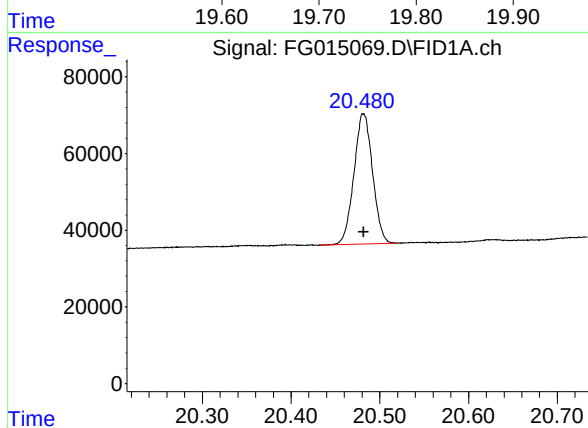
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.000 min
Response: 678547
Conc: 5.38 ug/ml



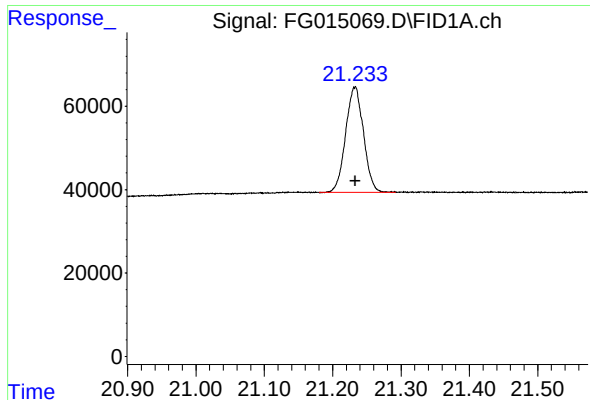
#19 n-Tetatriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.000 min
Response: 581837
Conc: 5.34 ug/ml



#20 n-Hexatriacontane (C36)

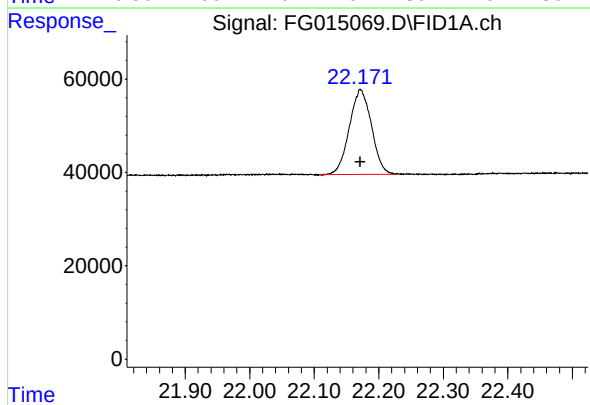
R.T.: 20.482 min
Delta R.T.: 0.000 min
Response: 494323
Conc: 5.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.000 min
Response: 459379
Conc: 5.23 ug/ml

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FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.172 min
Delta R.T.: 0.000 min
Response: 433737
Conc: 5.12 ug/ml