

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG093024AL\
 Data File : FG014357.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 18:47
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 01 09:19:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:18:37 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)	11.812	6501644	46.760 ug/ml
Spiked Amount 50.000		Recovery =	93.52%
12) S 1-chlorooctadecane (S...	13.258	4814883	48.201 ug/ml
Spiked Amount 50.000		Recovery =	96.40%
Target Compounds			
1) T n-Nonane (C9)	3.191	5913573	46.863 ug/ml
2) T n-Decane (C10)	4.441	6018805	46.966 ug/ml
3) T A~Naphthalene (C11.7)	6.140	6205159	50.105 ug/ml
4) T n-Dodecane (C12)	6.613	6005671	47.529 ug/ml
5) T A~2-methylnaphthalene...	7.239	5817542	55.227 ug/ml
6) T n-Tetradecane (C14)	8.444	5949048	50.017 ug/ml
7) T n-Hexadecane (C16)	10.056	6079228	47.872 ug/ml
8) T n-Octadecane (C18)	11.502	6154948	47.183 ug/ml
10) T n-Eicosane (C20)	12.815	5873521	46.822 ug/ml
11) T n-Heneicosane (C21)	13.428	5756620	46.797 ug/ml
13) T n-Docosane (C22)	14.017	5741290	47.136 ug/ml
14) T n-Tetracosane (C24)	15.121	5773044	47.339 ug/ml
15) T n-Hexacosane (C26)	16.146	5653902	47.407 ug/ml
16) T n-Octacosane (C28)	17.098	5554670	47.134 ug/ml
17) T n-Tricontane (C30)	17.988	5582938	45.913 ug/ml
18) T n-Dotriacontane (C32)	18.822	5335144	45.346 ug/ml
19) T n-Tetratriacontane (C34)	19.608	4651446	45.904 ug/ml
20) T n-Hexatriacontane (C36)	20.349	4293184	49.443 ug/ml
21) T n-Octatriacontane (C38)	21.078	3655241	48.031 ug/ml
22) T n-Tetracontane (C40)	21.966	3234442	49.216 ug/ml

(f)=RT Delta > 1/2 Window

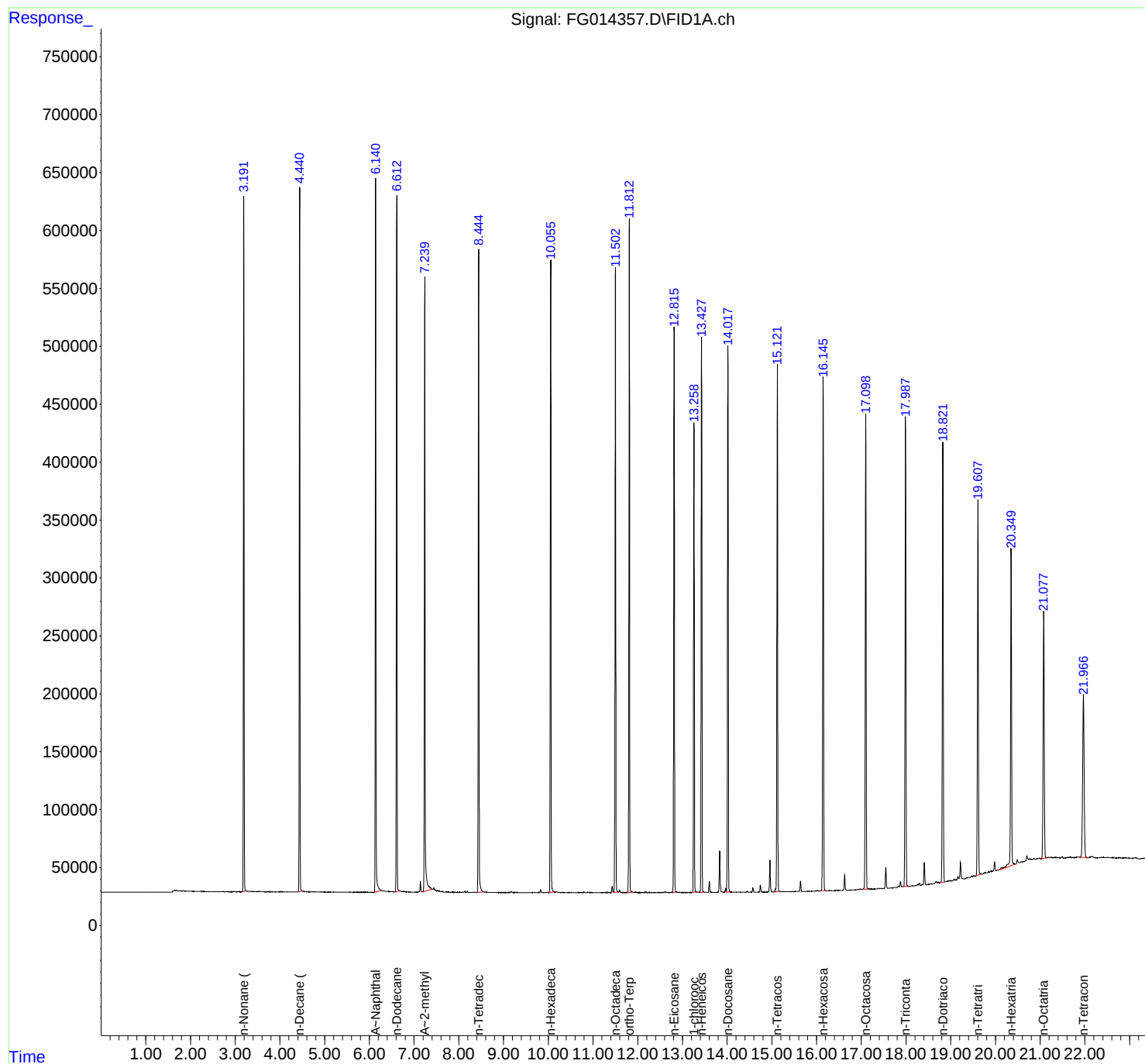
(m)=manual int.

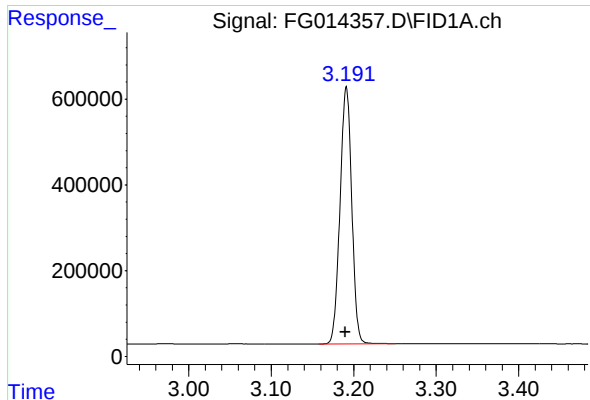
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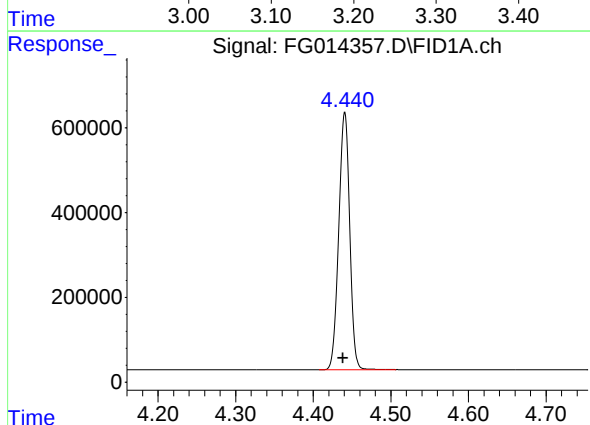




#1 n-Nonane (C9)

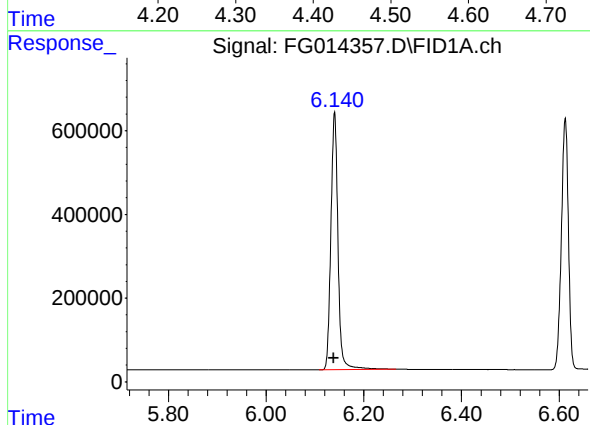
R.T.: 3.191 min
Delta R.T.: 0.001 min
Response: 5913573
Conc: 46.86 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



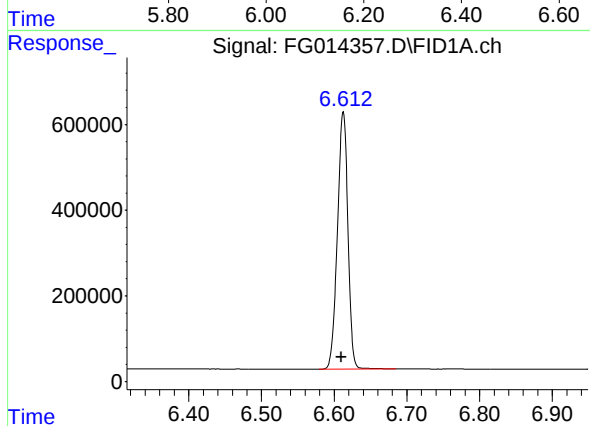
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: 0.002 min
Response: 6018805
Conc: 46.97 ug/ml



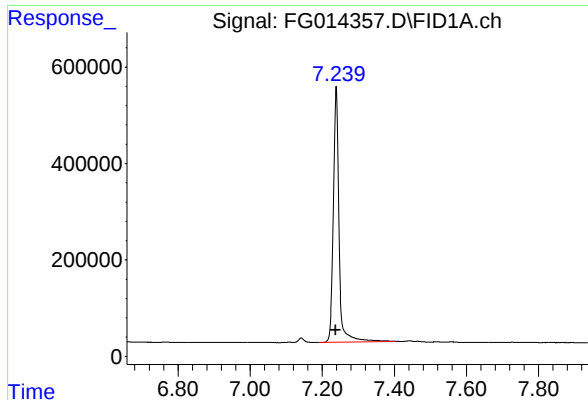
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 6205159
Conc: 50.10 ug/ml



#4 n-Dodecane (C12)

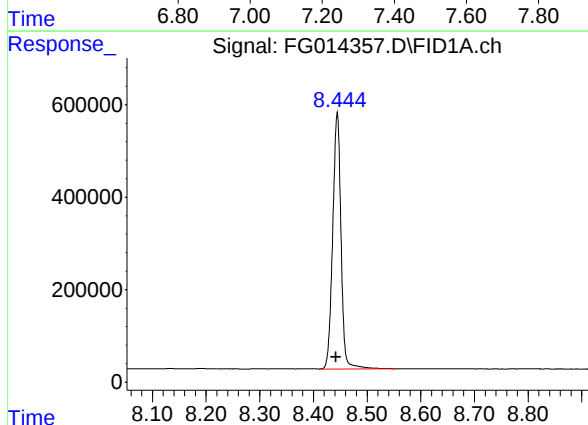
R.T.: 6.613 min
Delta R.T.: 0.002 min
Response: 6005671
Conc: 47.53 ug/ml



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

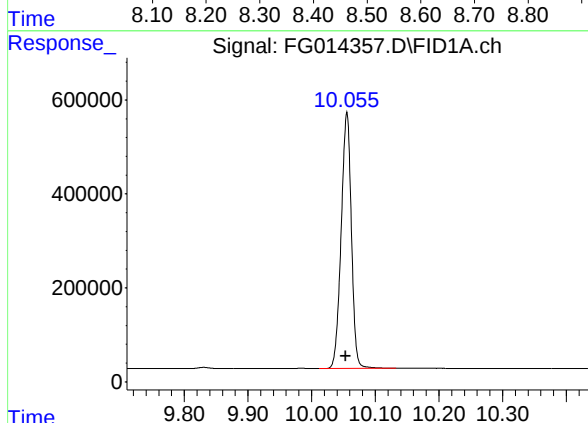
R.T.: 7.239 min
Delta R.T.: 0.002 min
Response: 5817542
Conc: 55.23 ug/ml

Instrument :
FID_G
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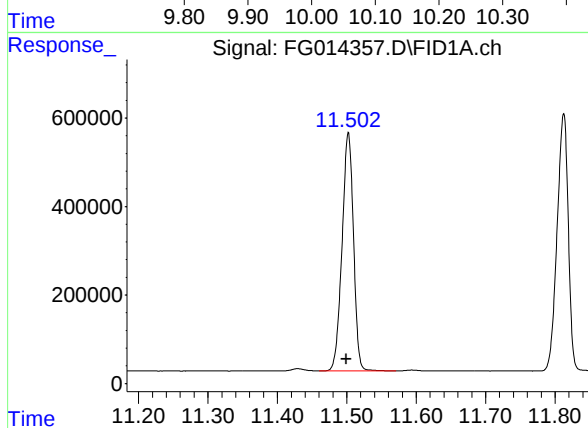
#6 n-Tetradecane (C14)

R.T.: 8.444 min
Delta R.T.: 0.002 min
Response: 5949048
Conc: 50.02 ug/ml



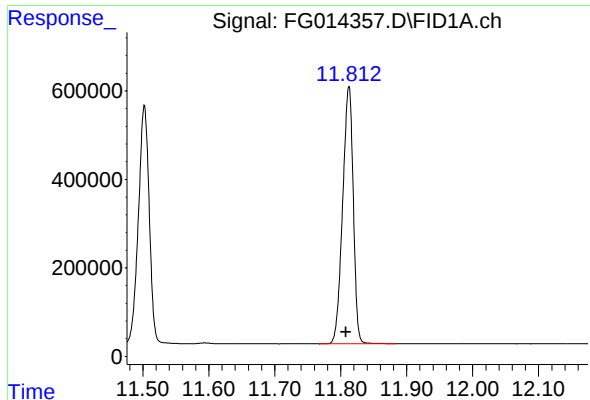
#7 n-Hexadecane (C16)

R.T.: 10.056 min
Delta R.T.: 0.002 min
Response: 6079228
Conc: 47.87 ug/ml



#8 n-Octadecane (C18)

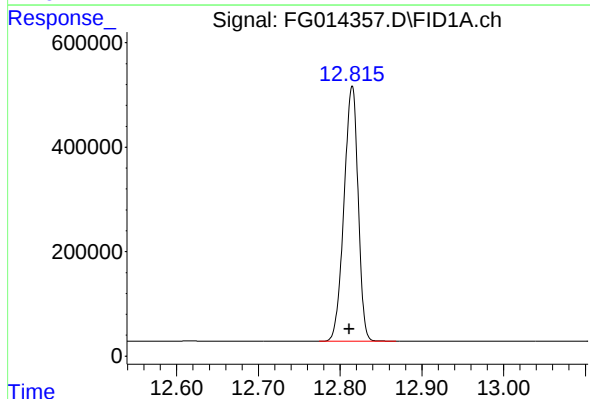
R.T.: 11.502 min
Delta R.T.: 0.003 min
Response: 6154948
Conc: 47.18 ug/ml



#9 ortho-Terphenyl (SURR)

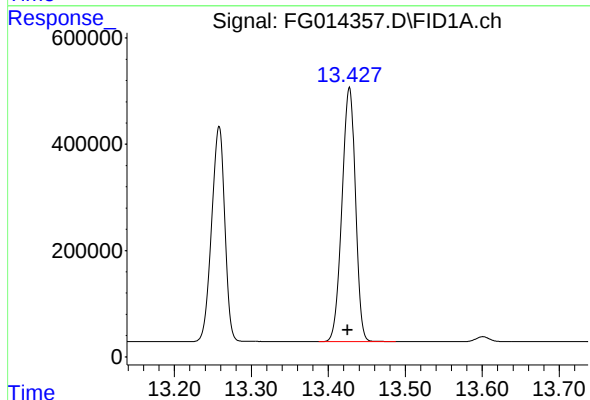
R.T.: 11.812 min
Delta R.T.: 0.004 min
Response: 6501644
Conc: 46.76 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



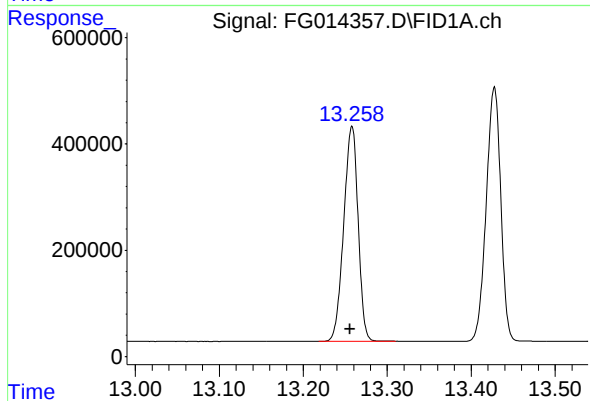
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: 0.004 min
Response: 5873521
Conc: 46.82 ug/ml



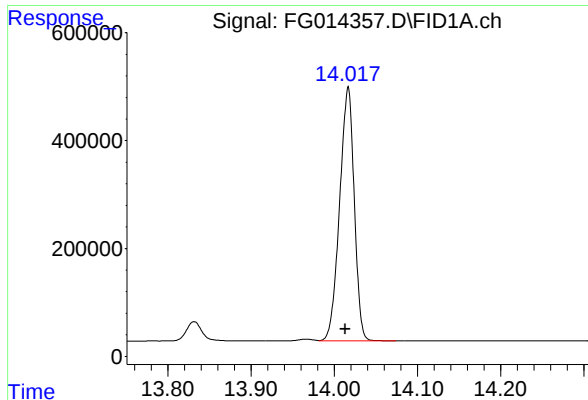
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: 0.002 min
Response: 5756620
Conc: 46.80 ug/ml



#12 1-chlorooctadecane (SURR)

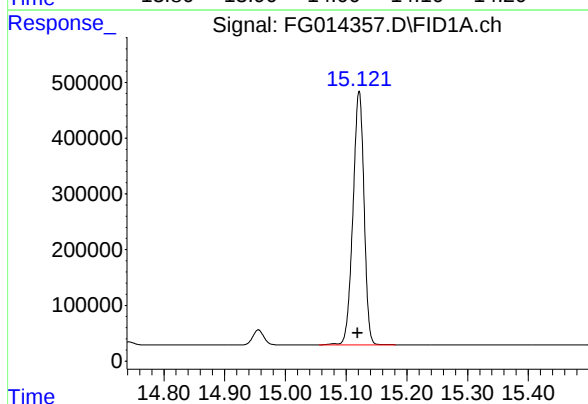
R.T.: 13.258 min
Delta R.T.: 0.002 min
Response: 4814883
Conc: 48.20 ug/ml



#13 n-Docosane (C22)

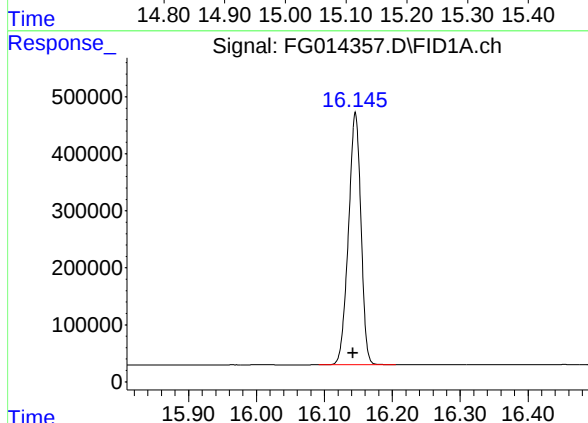
R.T.: 14.017 min
Delta R.T.: 0.003 min
Response: 5741290
Conc: 47.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



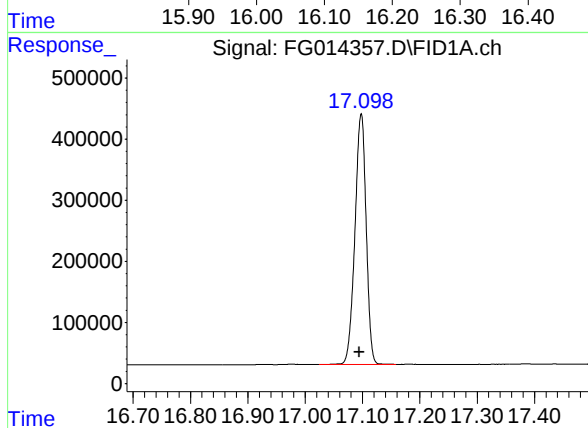
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: 0.003 min
Response: 5773044
Conc: 47.34 ug/ml



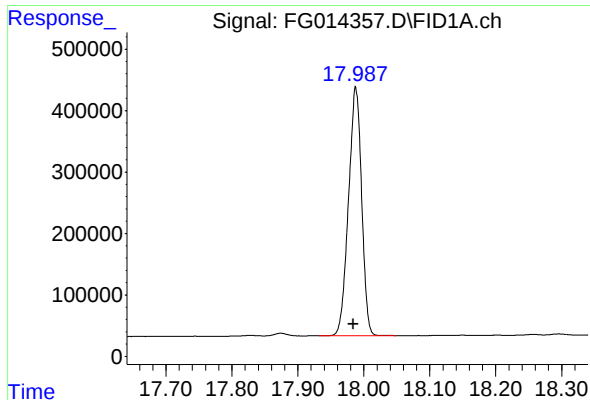
#15 n-Hexacosane (C26)

R.T.: 16.146 min
Delta R.T.: 0.003 min
Response: 5653902
Conc: 47.41 ug/ml



#16 n-Octacosane (C28)

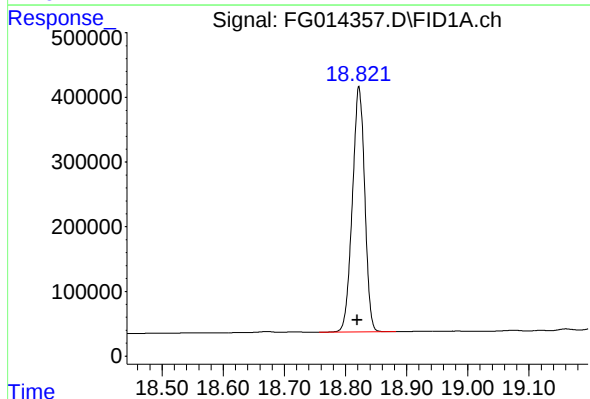
R.T.: 17.098 min
Delta R.T.: 0.003 min
Response: 5554670
Conc: 47.13 ug/ml



#17 n-Tricontane (C30)

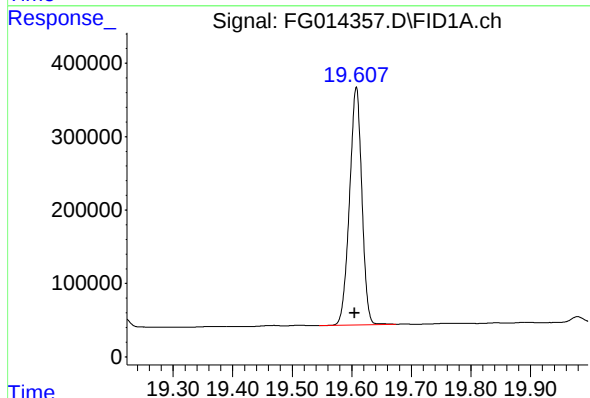
R.T.: 17.988 min
Delta R.T.: 0.003 min
Response: 5582938
Conc: 45.91 ug/ml

Instrument :
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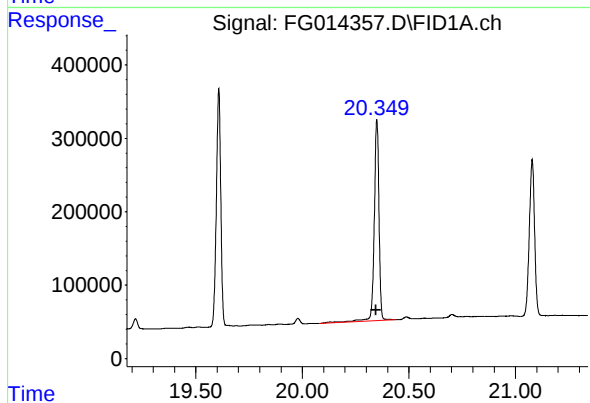
#18 n-Dotriacontane (C32)

R.T.: 18.822 min
Delta R.T.: 0.003 min
Response: 5335144
Conc: 45.35 ug/ml



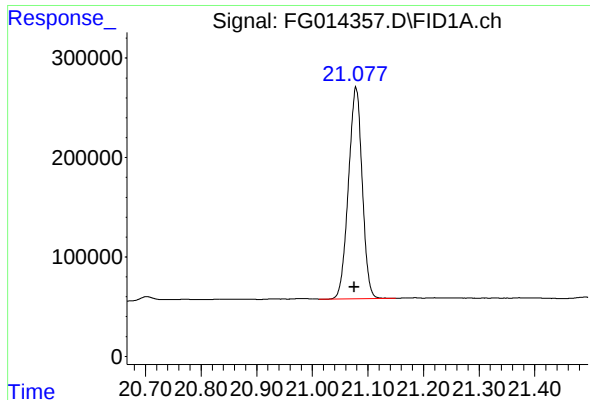
#19 n-Tetatriacontane (C34)

R.T.: 19.608 min
Delta R.T.: 0.003 min
Response: 4651446
Conc: 45.90 ug/ml



#20 n-Hexatriacontane (C36)

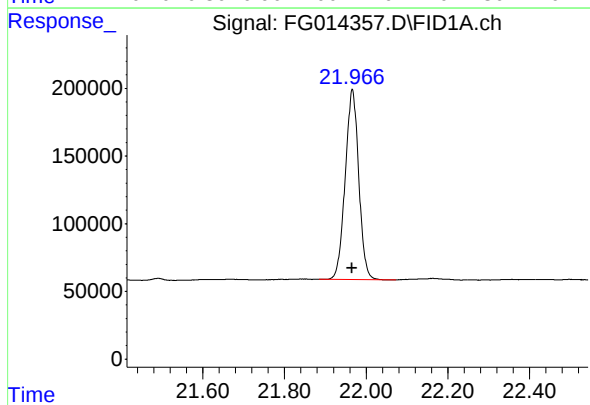
R.T.: 20.349 min
Delta R.T.: 0.003 min
Response: 4293184
Conc: 49.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: 0.003 min
Response: 3655241
Conc: 48.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.000 min
Response: 3234442
Conc: 49.22 ug/ml