

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AL\
 Data File : FG014782.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 14:44
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 14 16:29:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:25:39 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)	11.950	7214550	50.147 ug/ml
Spiked Amount 50.000		Recovery =	100.29%
12) S 1-chlorooctadecane (S...	13.389	5489508	50.287 ug/ml
Spiked Amount 50.000		Recovery =	100.57%
Target Compounds			
1) T n-Nonane (C9)	3.322	6570826	49.966 ug/ml
2) T n-Decane (C10)	4.573	6717685	49.967 ug/ml
3) T A~Naphthalene (C11.7)	6.276	7212186	50.048 ug/ml
4) T n-Dodecane (C12)	6.742	6799477	49.982 ug/ml
5) T A~2-methylnaphthalene...	7.374	6961926	50.066 ug/ml
6) T n-Tetradecane (C14)	8.574	6747097	50.046 ug/ml
7) T n-Hexadecane (C16)	10.185	6908104	50.109 ug/ml
8) T n-Octadecane (C18)	11.633	6878882	50.192 ug/ml
10) T n-Eicosane (C20)	12.944	6500189	50.206 ug/ml
11) T n-Heneicosane (C21)	13.557	6348980	50.217 ug/ml
13) T n-Docosane (C22)	14.144	6248068	50.182 ug/ml
14) T n-Tetracosane (C24)	15.248	6099239	50.099 ug/ml
15) T n-Hexacosane (C26)	16.270	5886485	49.923 ug/ml
16) T n-Octacosane (C28)	17.221	5709382	49.656 ug/ml
17) T n-Tricontane (C30)	18.108	5747616	48.937 ug/ml
18) T n-Dotriacontane (C32)	18.941	5537417	48.520 ug/ml
19) T n-Tetratriacontane (C34)	19.725	4863654	48.827 ug/ml
20) T n-Hexatriacontane (C36)	20.466	4255608	49.226 ug/ml
21) T n-Octatriacontane (C38)	21.214	4116484	49.646 ug/ml
22) T n-Tetracontane (C40)	22.149	4031134	49.861 ug/ml

(f)=RT Delta > 1/2 Window

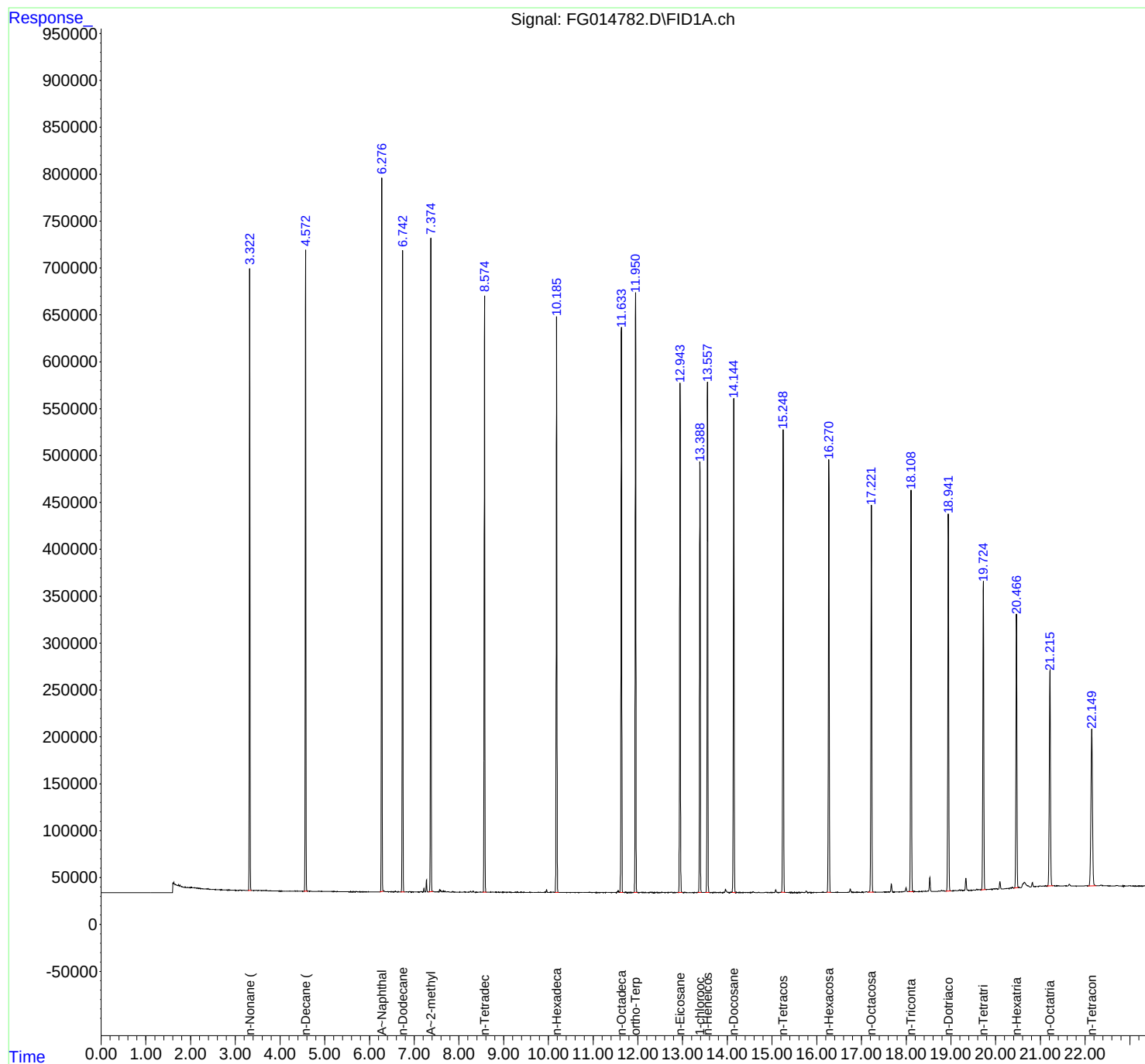
(m)=manual int.

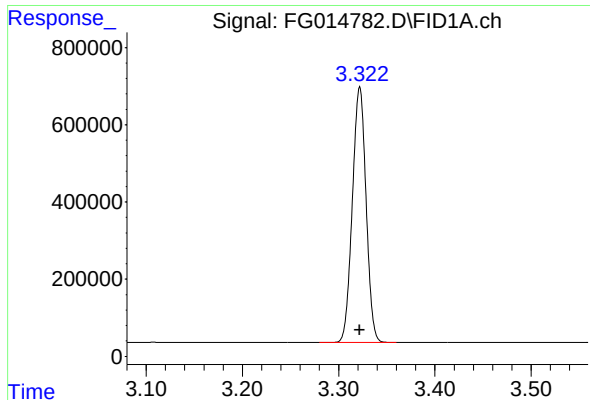
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG11424AL\
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Signal Info : 20M x 0.18mm x 0.18um

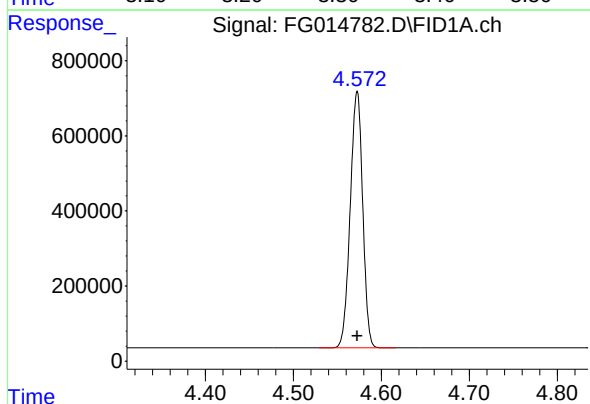




#1 n-Nonane (C9)

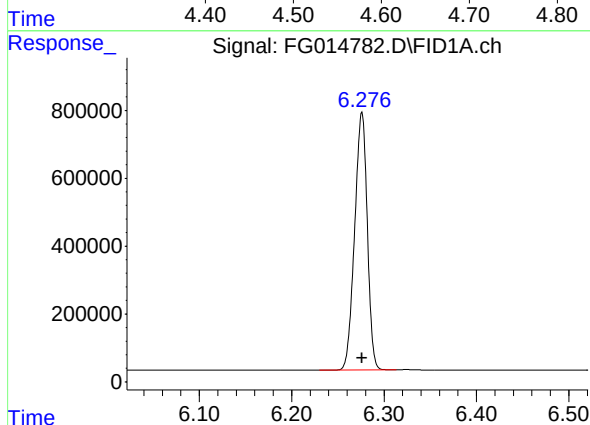
R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 6570826
Conc: 49.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



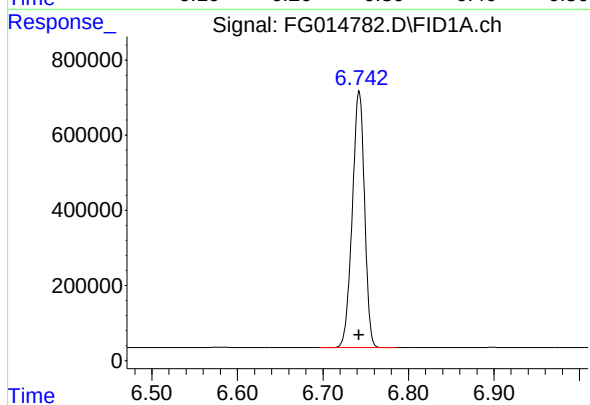
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 6717685
Conc: 49.97 ug/ml



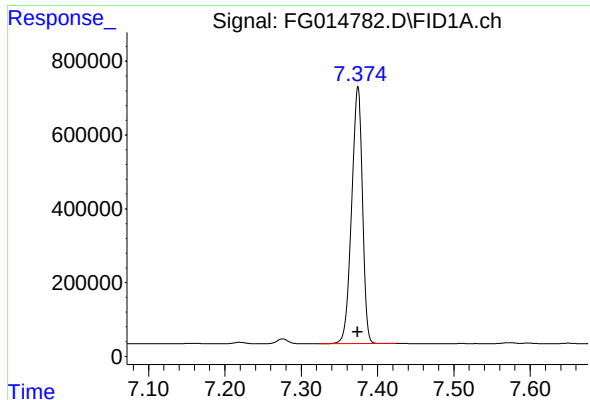
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 7212186
Conc: 50.05 ug/ml



#4 n-Dodecane (C12)

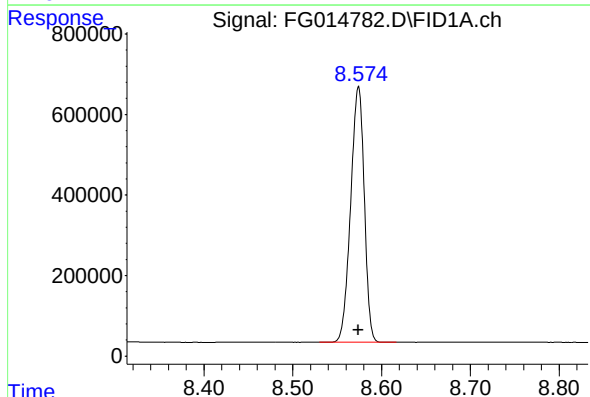
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 6799477
Conc: 49.98 ug/ml



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

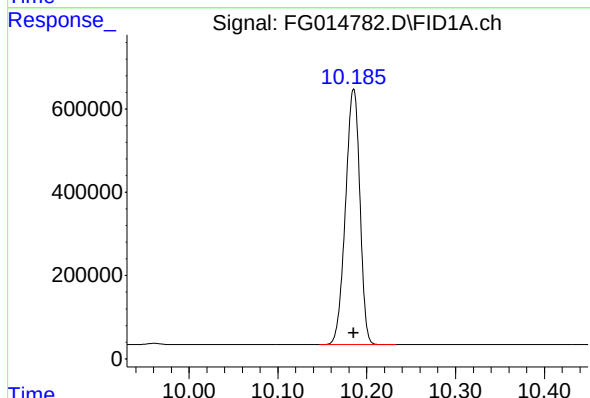
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 6961926
Conc: 50.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



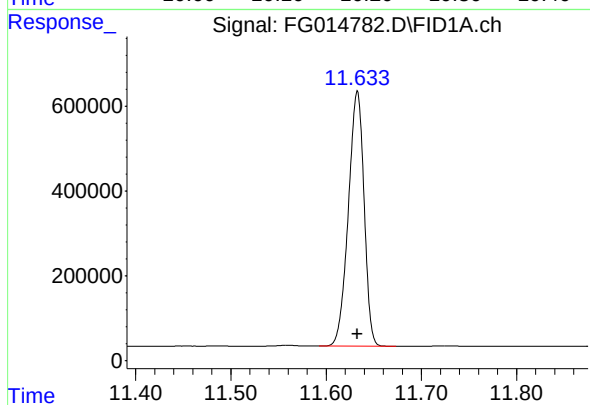
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: 0.000 min
Response: 6747097
Conc: 50.05 ug/ml



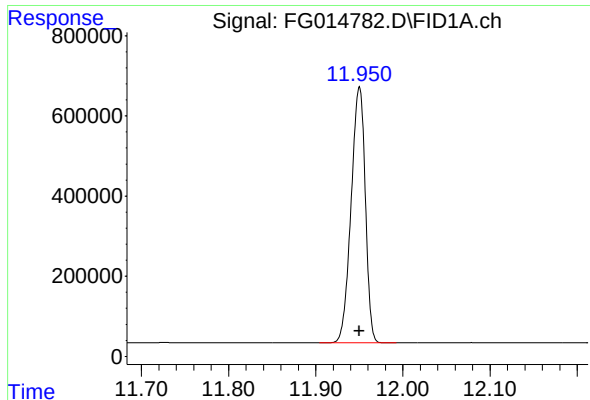
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: 0.000 min
Response: 6908104
Conc: 50.11 ug/ml



#8 n-Octadecane (C18)

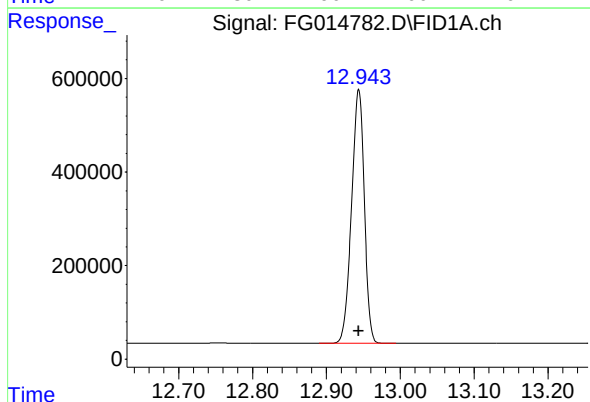
R.T.: 11.633 min
Delta R.T.: 0.000 min
Response: 6878882
Conc: 50.19 ug/ml



#9 ortho-Terphenyl (SURR)

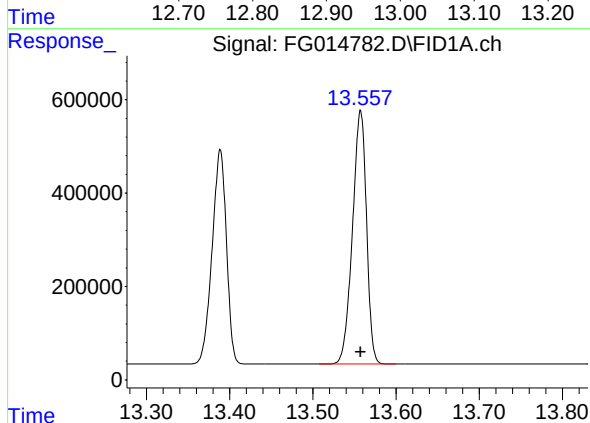
R.T.: 11.950 min
Delta R.T.: 0.000 min
Response: 7214550
Conc: 50.15 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



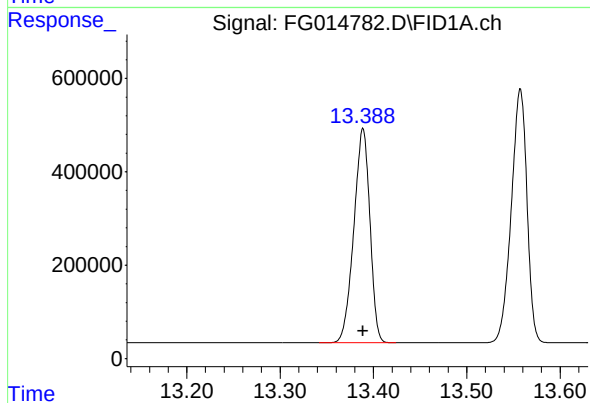
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 6500189
Conc: 50.21 ug/ml



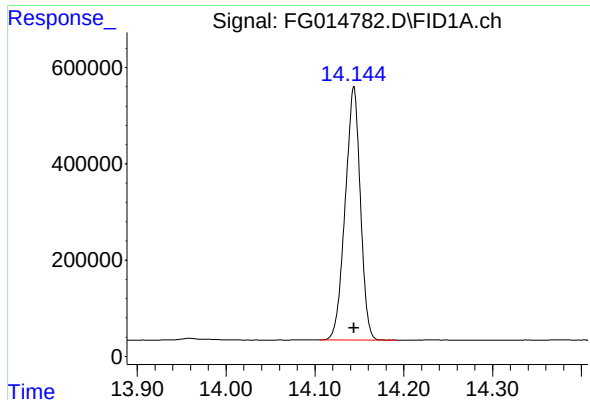
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.000 min
Response: 6348980
Conc: 50.22 ug/ml



#12 1-chlorooctadecane (SURR)

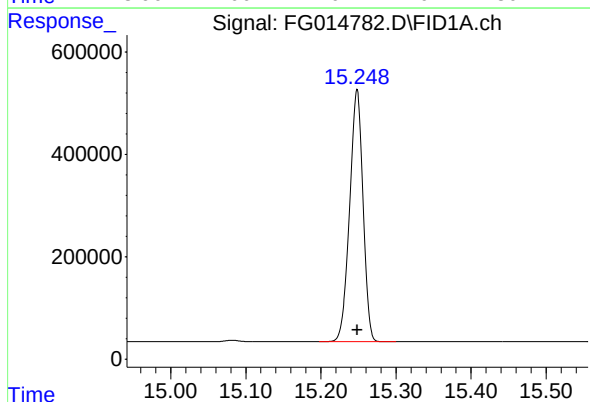
R.T.: 13.389 min
Delta R.T.: 0.000 min
Response: 5489508
Conc: 50.29 ug/ml



#13 n-Docosane (C22)

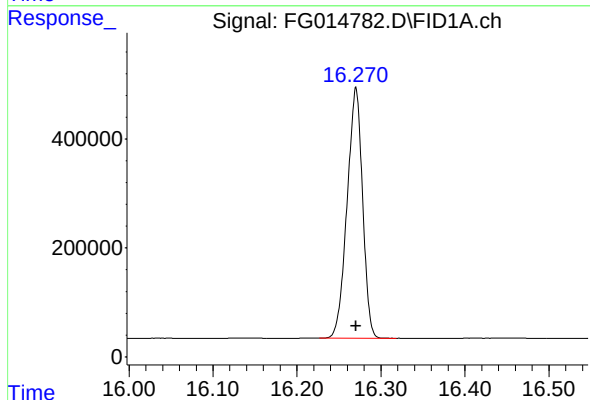
R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 6248068
Conc: 50.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



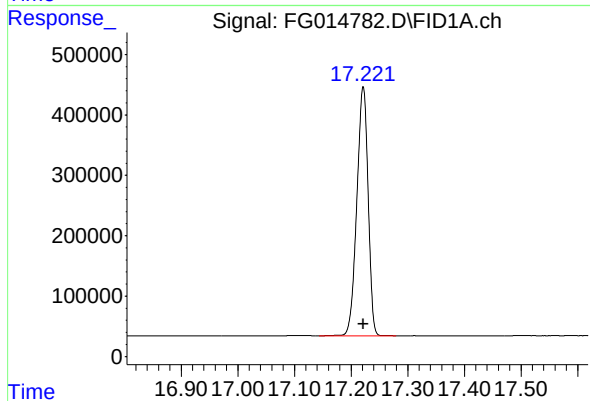
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: 0.000 min
Response: 6099239
Conc: 50.10 ug/ml



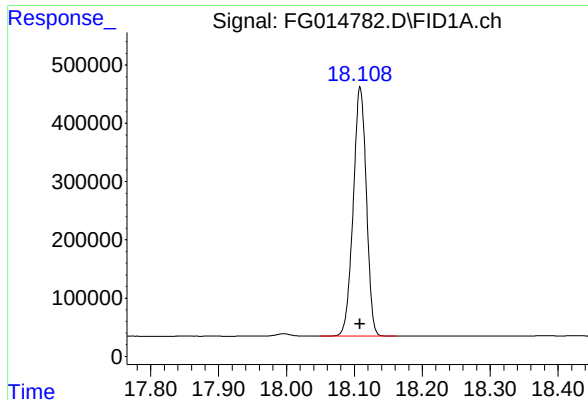
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: 0.000 min
Response: 5886485
Conc: 49.92 ug/ml



#16 n-Octacosane (C28)

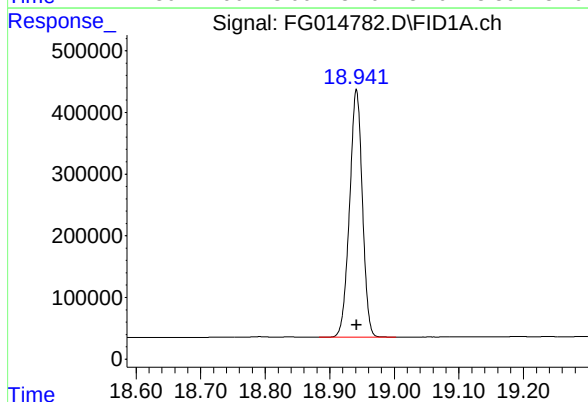
R.T.: 17.221 min
Delta R.T.: 0.000 min
Response: 5709382
Conc: 49.66 ug/ml



#17 n-Tricontane (C30)

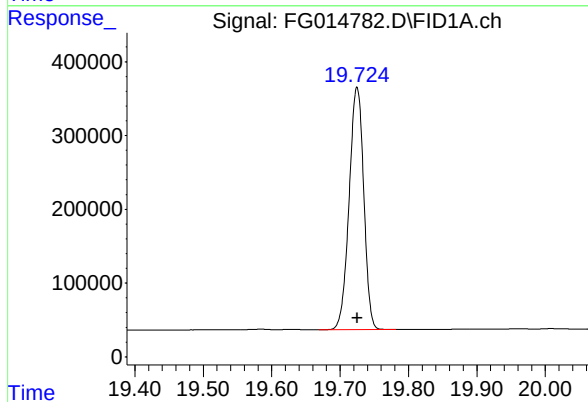
R.T.: 18.108 min
Delta R.T.: 0.000 min
Response: 5747616
Conc: 48.94 ug/ml

Instrument :
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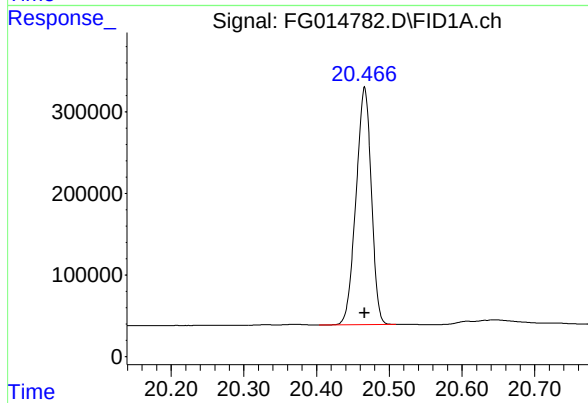
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: 0.000 min
Response: 5537417
Conc: 48.52 ug/ml



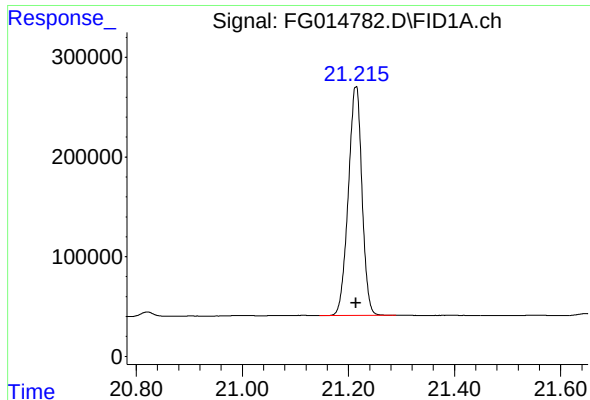
#19 n-Tetatriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.000 min
Response: 4863654
Conc: 48.83 ug/ml



#20 n-Hexatriacontane (C36)

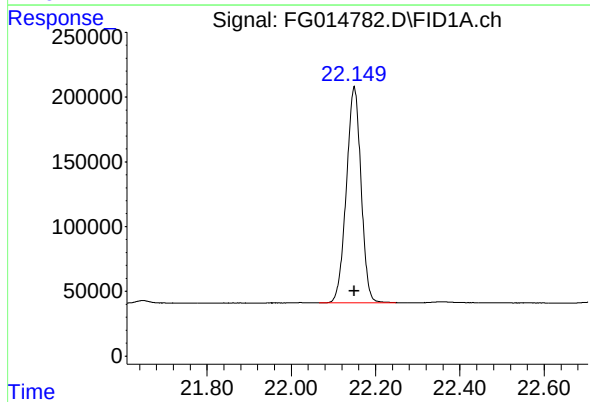
R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 4255608
Conc: 49.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.000 min
Response: 4116484
Conc: 49.65 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.000 min
Response: 4031134
Conc: 49.86 ug/ml