

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AL\
 Data File : FG014944.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 10:28
 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: Dec 10 11:24:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 11:20:07 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)	11.949	8536034	56.147 ug/ml
Spiked Amount 50.000		Recovery =	112.29%
12) S 1-chlorooctadecane (S...	13.387	6243560	56.180 ug/ml
Spiked Amount 50.000		Recovery =	112.36%
Target Compounds			
1) T n-Nonane (C9)	3.323	7530035	55.561 ug/ml
2) T n-Decane (C10)	4.572	7688926	55.572 ug/ml
3) T A~Naphthalene (C11.7)	6.274	8215057	55.840 ug/ml
4) T n-Dodecane (C12)	6.740	7767593	55.608 ug/ml
5) T A~2-methylnaphthalene...	7.373	7863444	55.979 ug/ml
6) T n-Tetradecane (C14)	8.572	7703495	55.708 ug/ml
7) T n-Hexadecane (C16)	10.184	7915409	55.836 ug/ml
8) T n-Octadecane (C18)	11.631	7964164	55.999 ug/ml
10) T n-Eicosane (C20)	12.942	7564238	56.077 ug/ml
11) T n-Heneicosane (C21)	13.556	7410908	56.121 ug/ml
13) T n-Docosane (C22)	14.144	7330435	56.180 ug/ml
14) T n-Tetracosane (C24)	15.248	7200502	56.255 ug/ml
15) T n-Hexacosane (C26)	16.270	6961492	56.280 ug/ml
16) T n-Octacosane (C28)	17.222	6713472	56.233 ug/ml
17) T n-Tricontane (C30)	18.110	6664579	56.080 ug/ml
18) T n-Dotriacontane (C32)	18.943	6303934	55.955 ug/ml
19) T n-Tetratriacontane (C34)	19.725	5514455	56.034 ug/ml
20) T n-Hexatriacontane (C36)	20.465	4752829	56.068 ug/ml
21) T n-Octatriacontane (C38)	21.212	4397249	55.868 ug/ml
22) T n-Tetracontane (C40)	22.148	4030021	55.518 ug/ml

(f)=RT Delta > 1/2 Window

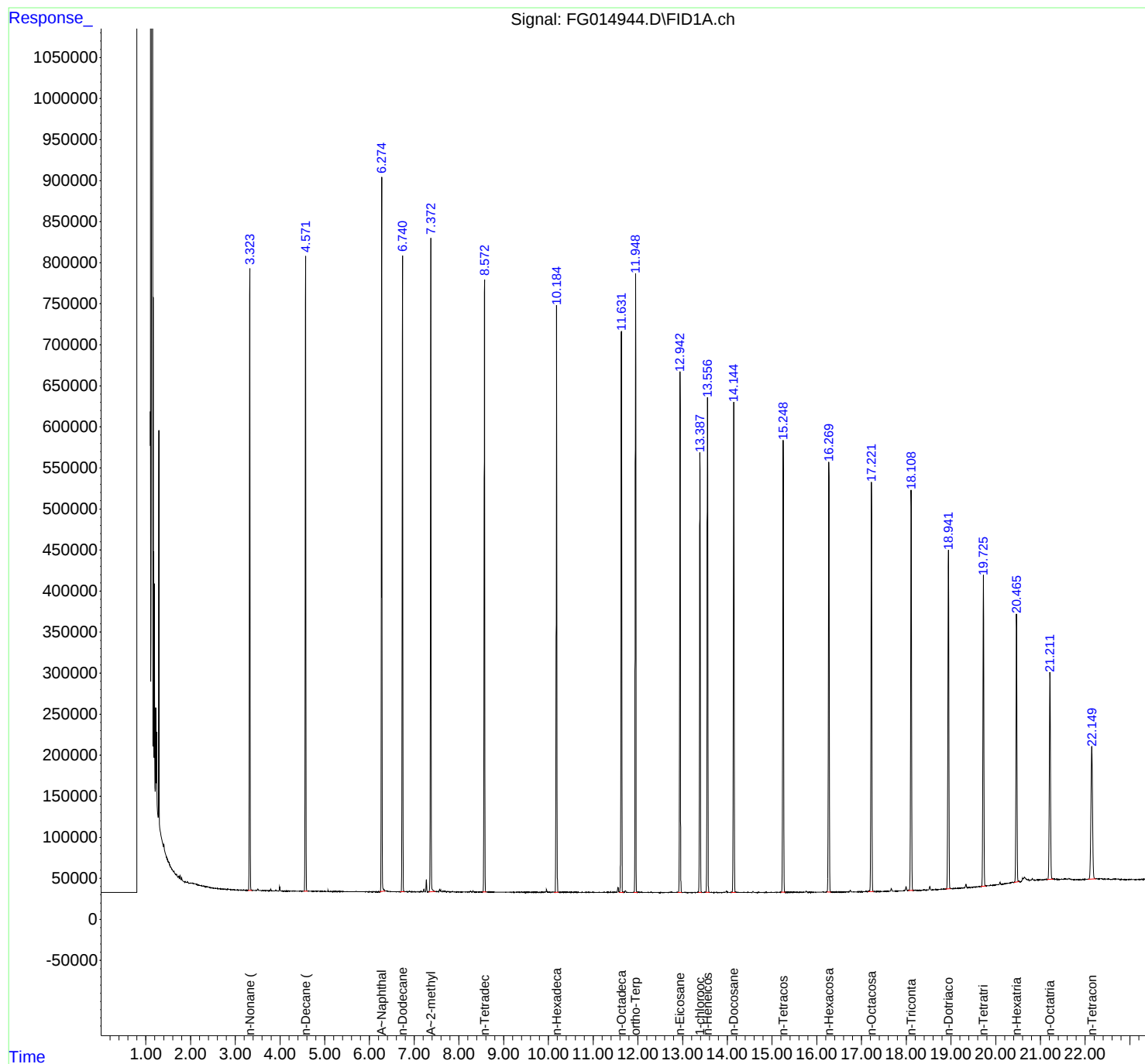
(m)=manual int.

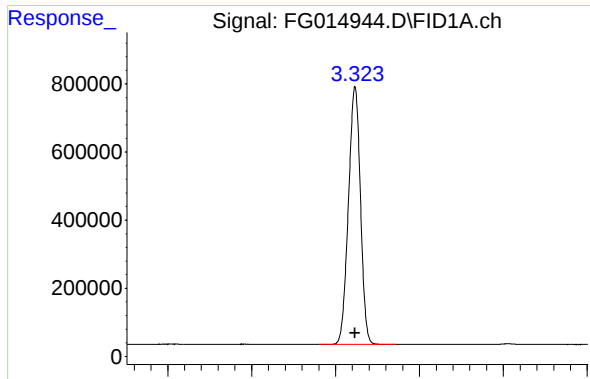
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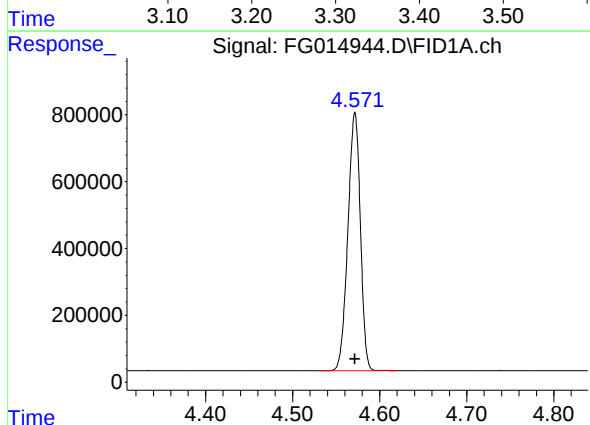




#1 n-Nonane (C9)

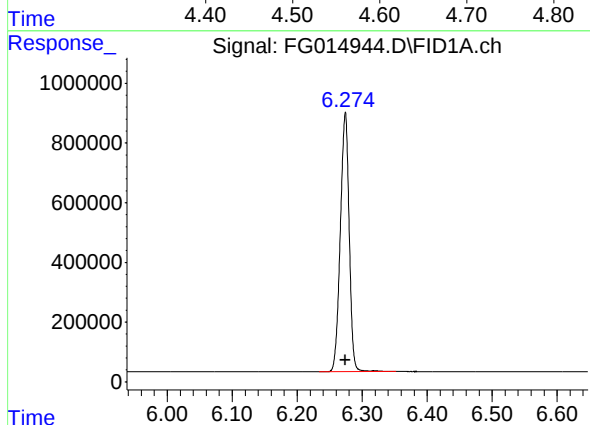
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 7530035
Conc: 55.56 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



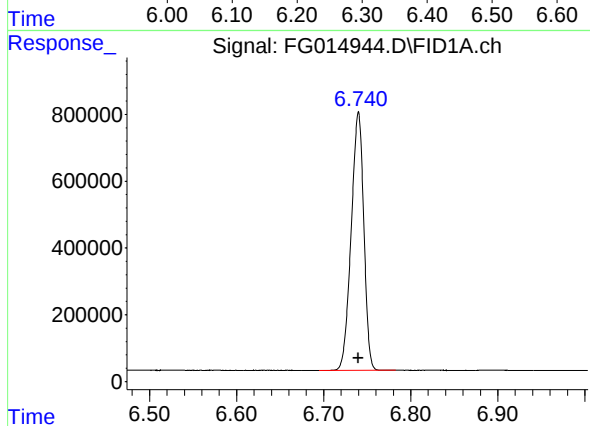
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 7688926
Conc: 55.57 ug/ml



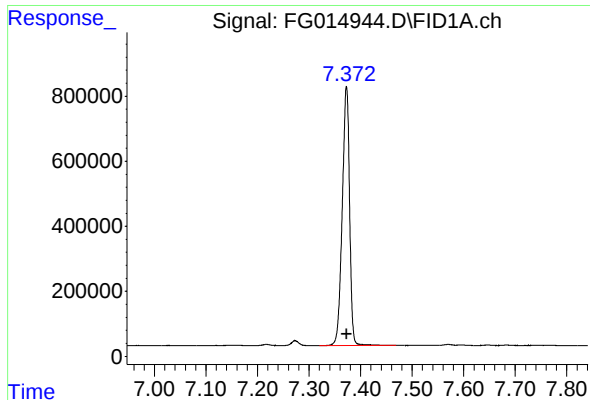
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 8215057
Conc: 55.84 ug/ml



#4 n-Dodecane (C12)

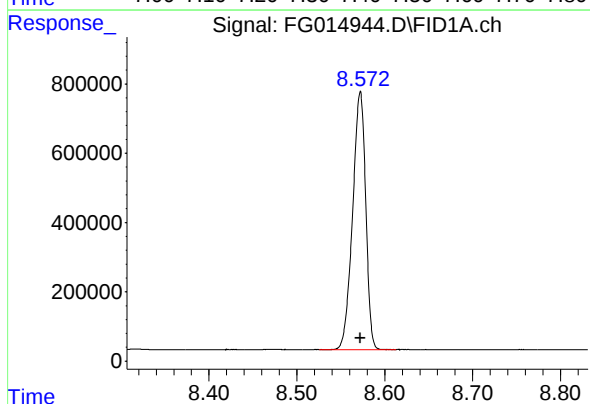
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 7767593
Conc: 55.61 ug/ml



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

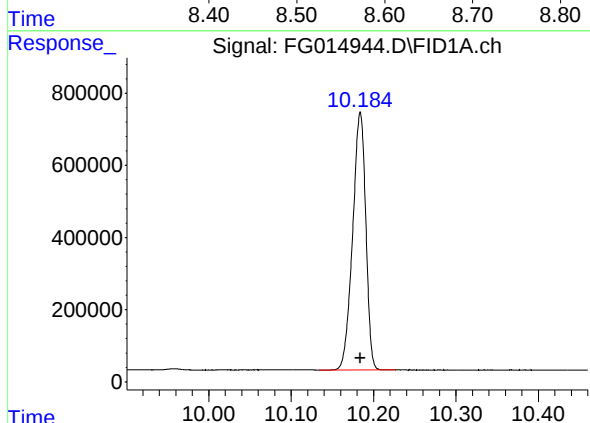
R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 7863444
Conc: 55.98 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



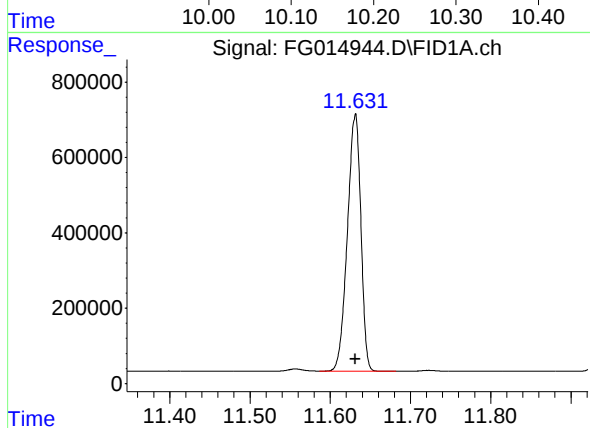
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 7703495
Conc: 55.71 ug/ml



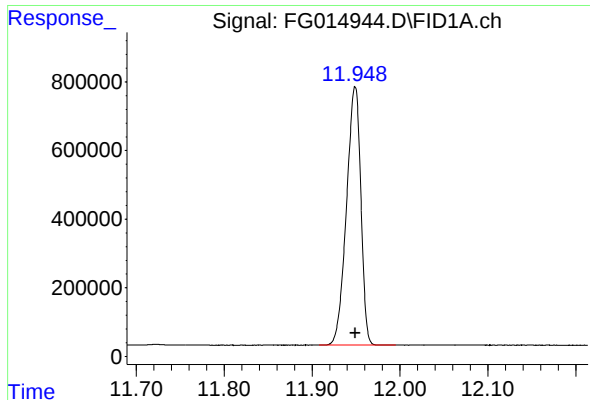
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: 0.000 min
Response: 7915409
Conc: 55.84 ug/ml



#8 n-Octadecane (C18)

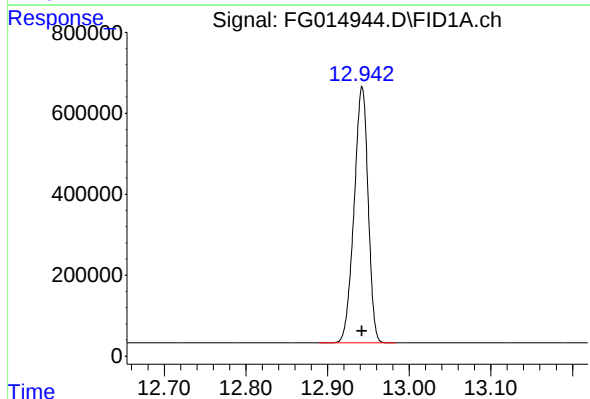
R.T.: 11.631 min
Delta R.T.: 0.000 min
Response: 7964164
Conc: 56.00 ug/ml



#9 ortho-Terphenyl (SURR)

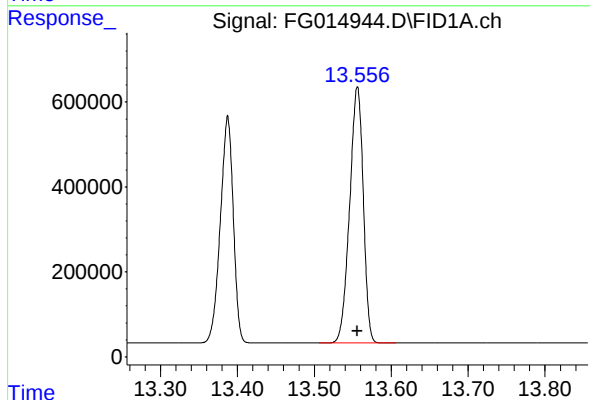
R.T.: 11.949 min
Delta R.T.: 0.000 min
Response: 8536034
Conc: 56.15 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



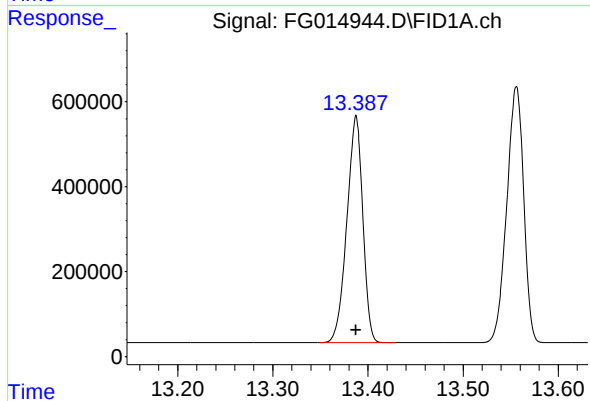
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 7564238
Conc: 56.08 ug/ml



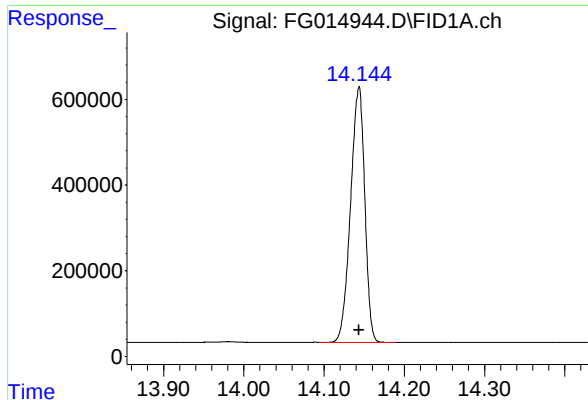
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.000 min
Response: 7410908
Conc: 56.12 ug/ml



#12 1-chlorooctadecane (SURR)

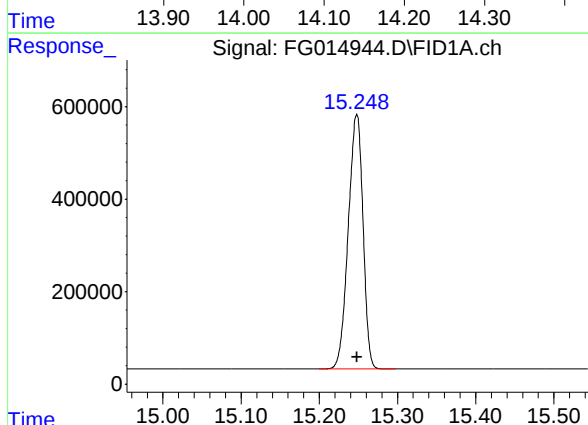
R.T.: 13.387 min
Delta R.T.: 0.000 min
Response: 6243560
Conc: 56.18 ug/ml



#13 n-Docosane (C22)

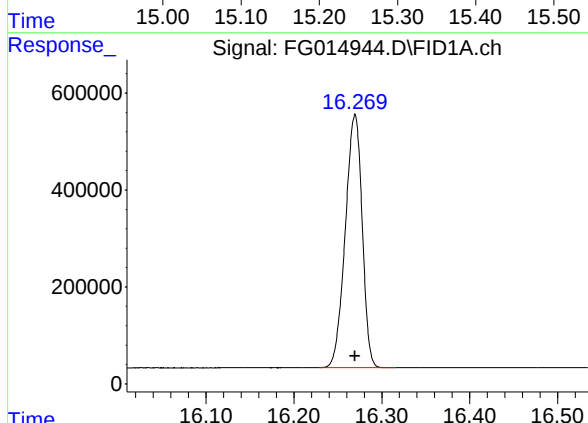
R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 7330435
Conc: 56.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



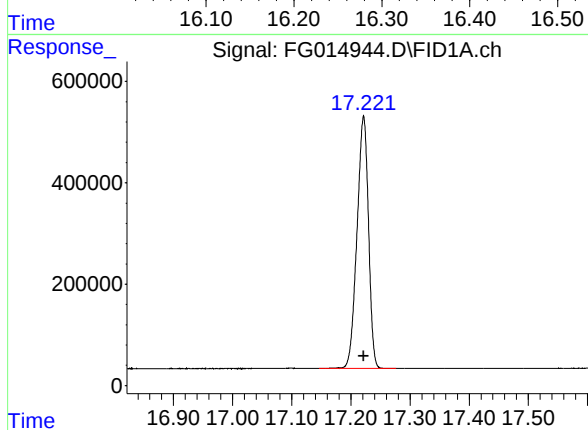
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: 0.000 min
Response: 7200502
Conc: 56.26 ug/ml



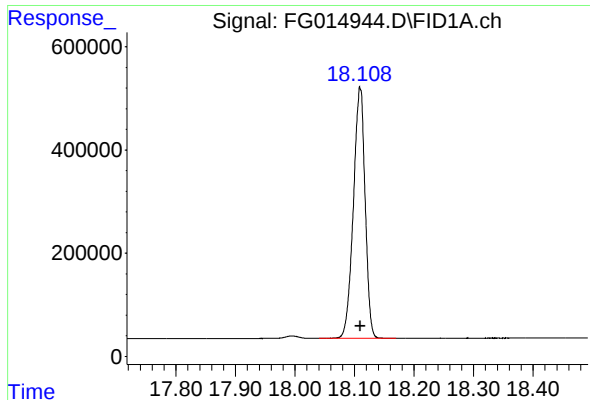
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: 0.000 min
Response: 6961492
Conc: 56.28 ug/ml



#16 n-Octacosane (C28)

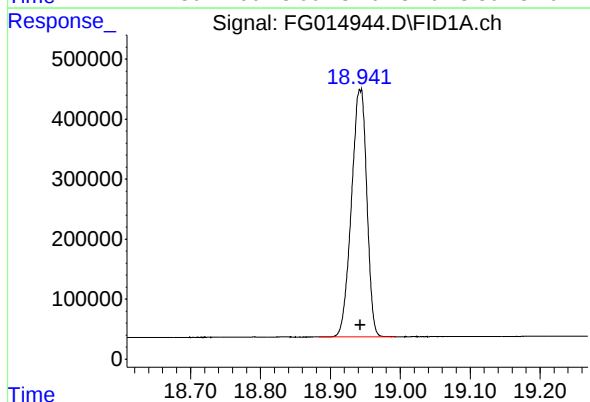
R.T.: 17.222 min
Delta R.T.: 0.000 min
Response: 6713472
Conc: 56.23 ug/ml



#17 n-Tricontane (C30)

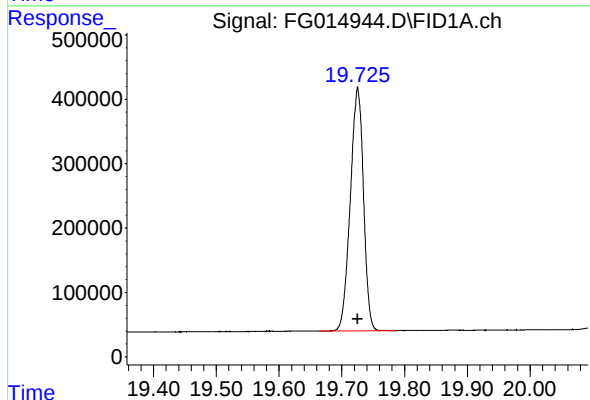
R.T.: 18.110 min
Delta R.T.: 0.000 min
Response: 6664579
Conc: 56.08 ug/ml

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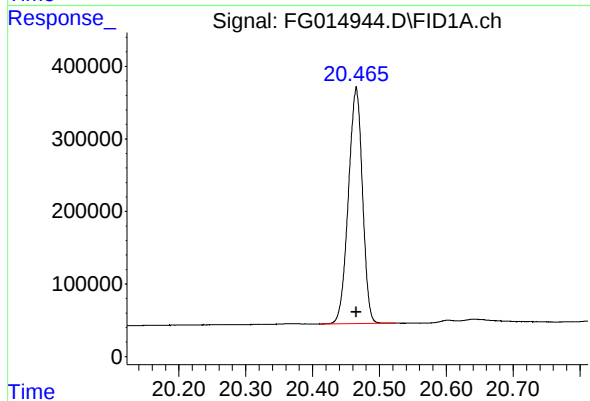
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: 0.000 min
Response: 6303934
Conc: 55.95 ug/ml



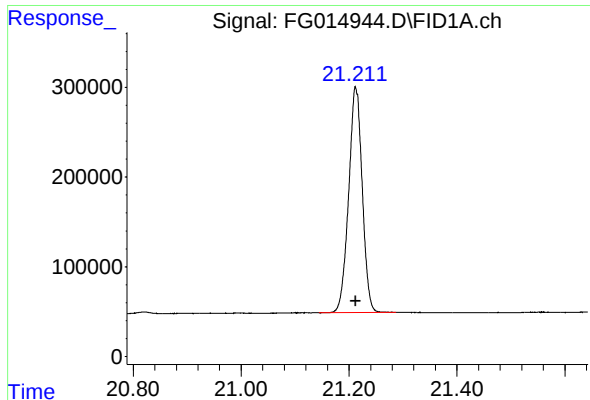
#19 n-Tetatriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.000 min
Response: 5514455
Conc: 56.03 ug/ml



#20 n-Hexatriacontane (C36)

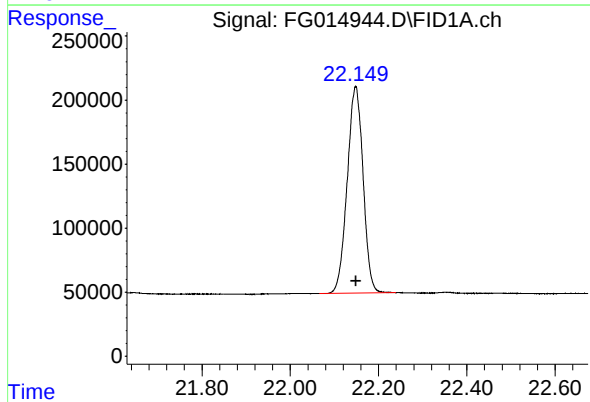
R.T.: 20.465 min
Delta R.T.: 0.000 min
Response: 4752829
Conc: 56.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: 0.000 min
Response: 4397249
Conc: 55.87 ug/ml

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FID_G
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.000 min
Response: 4030021
Conc: 55.52 ug/ml