

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014444.D
 Signal(s) : FID1A.ch
 Acq On : 15 Oct 2024 03:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 15 08:18:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:55:30 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)	11.801	3051499	22.219 ug/ml
Spiked Amount 50.000		Recovery =	44.44%
12) S 1-chlorooctadecane (S...	13.250	2410426	24.326 ug/ml
Spiked Amount 50.000		Recovery =	48.65%
Target Compounds			
1) T n-Nonane (C9)	3.178	2571601	20.620 ug/ml
2) T n-Decane (C10)	4.427	2611312	20.604 ug/ml
3) T A~Naphthalene (C11.7)	6.127	2713555	21.992 ug/ml
4) T n-Dodecane (C12)	6.600	2624282	20.982 ug/ml
5) T A~2-methylnaphthalene...	7.226	2389471	21.349 ug/ml
6) T n-Tetradecane (C14)	8.434	2605875	21.888 ug/ml
7) T n-Hexadecane (C16)	10.046	2742803	21.786 ug/ml
8) T n-Octadecane (C18)	11.493	2870248	22.213 ug/ml
10) T n-Eicosane (C20)	12.806	2813918	22.702 ug/ml
11) T n-Heneicosane (C21)	13.419	2788300	22.954 ug/ml
13) T n-Docosane (C22)	14.006	2777771	23.072 ug/ml
14) T n-Tetracosane (C24)	15.113	2804671	23.289 ug/ml
15) T n-Hexacosane (C26)	16.137	2726649	23.129 ug/ml
16) T n-Octacosane (C28)	17.089	2651247	22.800 ug/ml
17) T n-Tricontane (C30)	17.978	2593720	21.710 ug/ml
18) T n-Dotriacontane (C32)	18.812	2481289	21.494 ug/ml
19) T n-Tetratriacontane (C34)	19.598	2118155	21.195 ug/ml
20) T n-Hexatriacontane (C36)	20.340	1794632	20.656 ug/ml
21) T n-Octatriacontane (C38)	21.068	1698029	22.348 ug/ml
22) T n-Tetracontane (C40)	21.957	1676078	25.318 ug/ml

(f)=RT Delta > 1/2 Window

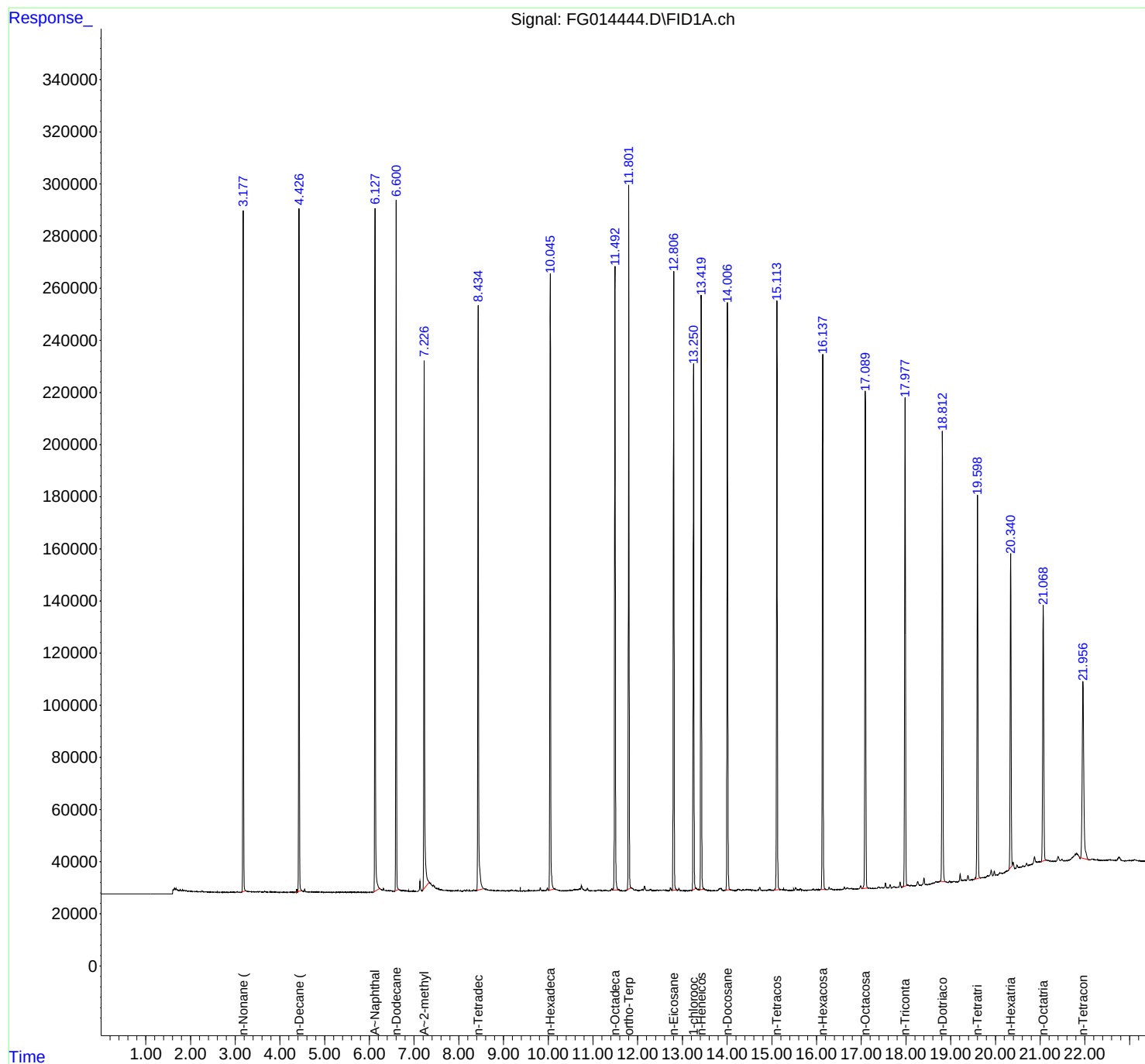
(m)=manual int.

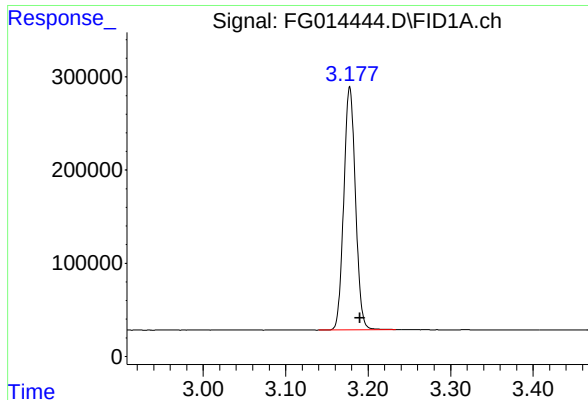
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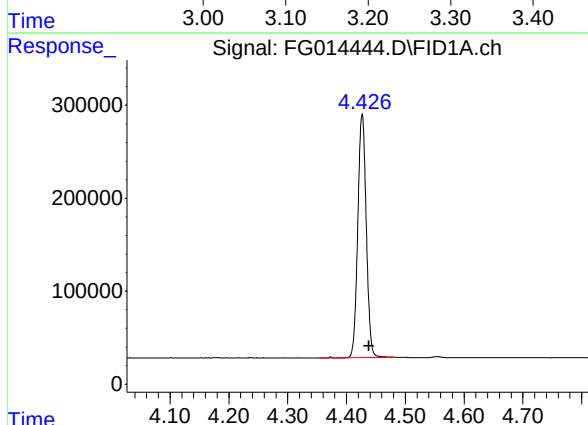




#1 n-Nonane (C9)

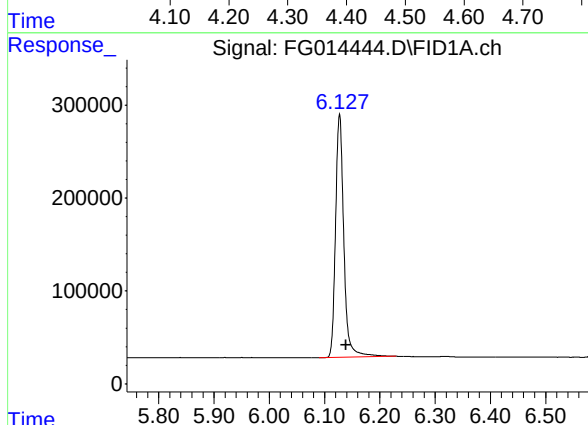
R.T.: 3.178 min
Delta R.T.: -0.012 min
Response: 2571601
Conc: 20.62 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



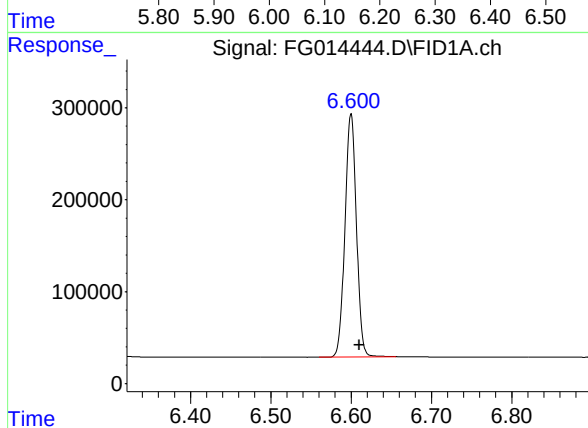
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: -0.012 min
Response: 2611312
Conc: 20.60 ug/ml



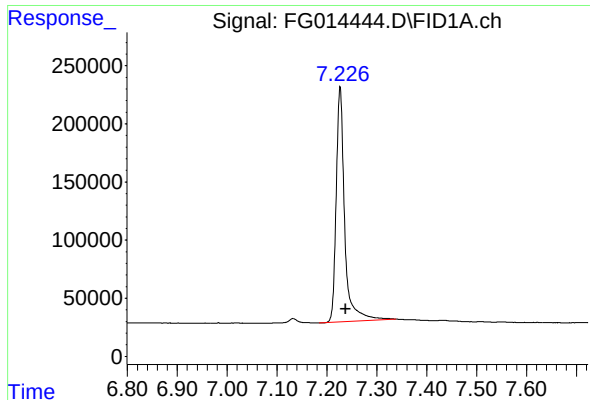
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min
Delta R.T.: -0.011 min
Response: 2713555
Conc: 21.99 ug/ml



#4 n-Dodecane (C12)

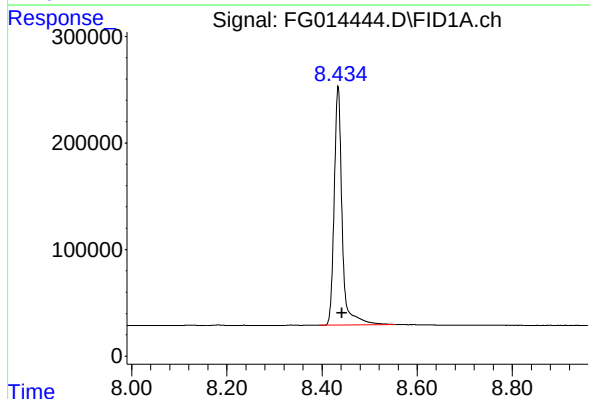
R.T.: 6.600 min
Delta R.T.: -0.010 min
Response: 2624282
Conc: 20.98 ug/ml



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

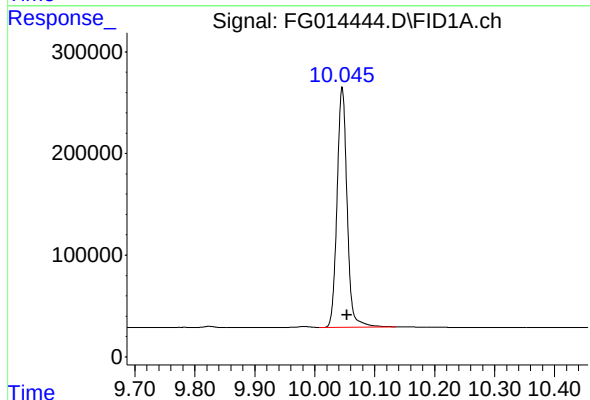
R.T.: 7.226 min
Delta R.T.: -0.011 min
Response: 2389471
Conc: 21.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



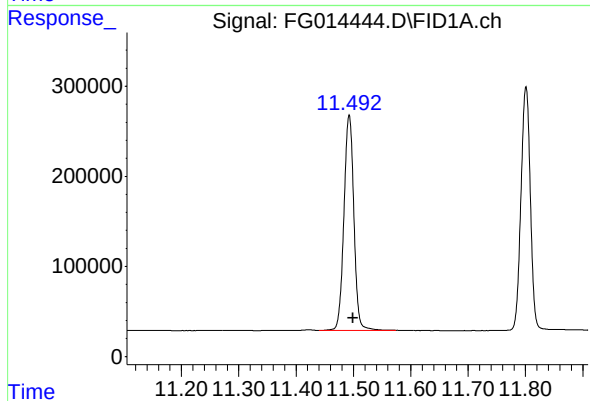
#6 n-Tetradecane (C14)

R.T.: 8.434 min
Delta R.T.: -0.008 min
Response: 2605875
Conc: 21.89 ug/ml



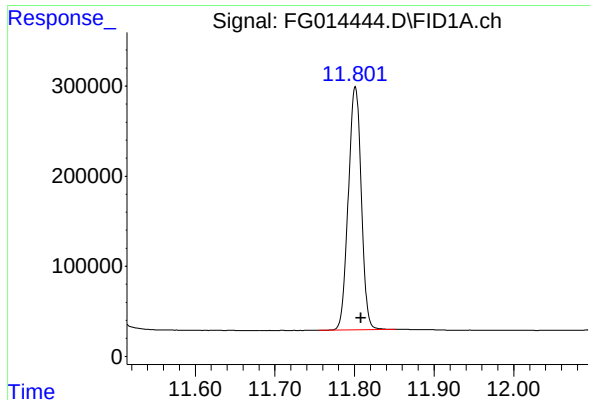
#7 n-Hexadecane (C16)

R.T.: 10.046 min
Delta R.T.: -0.008 min
Response: 2742803
Conc: 21.79 ug/ml



#8 n-Octadecane (C18)

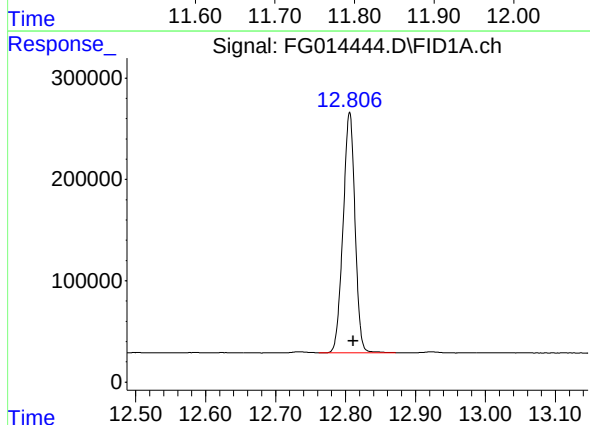
R.T.: 11.493 min
Delta R.T.: -0.006 min
Response: 2870248
Conc: 22.21 ug/ml



#9 ortho-Terphenyl (SURR)

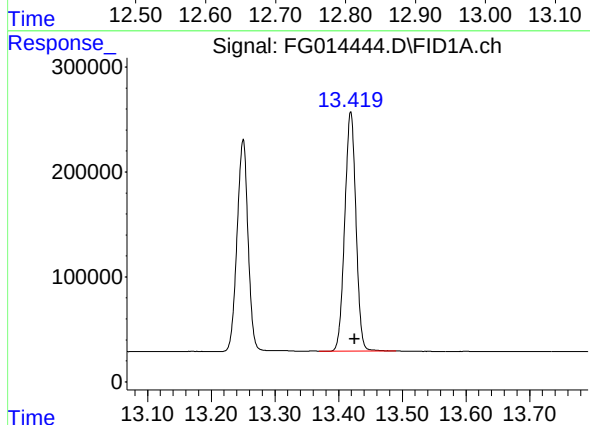
R.T.: 11.801 min
Delta R.T.: -0.007 min
Response: 3051499
Conc: 22.22 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



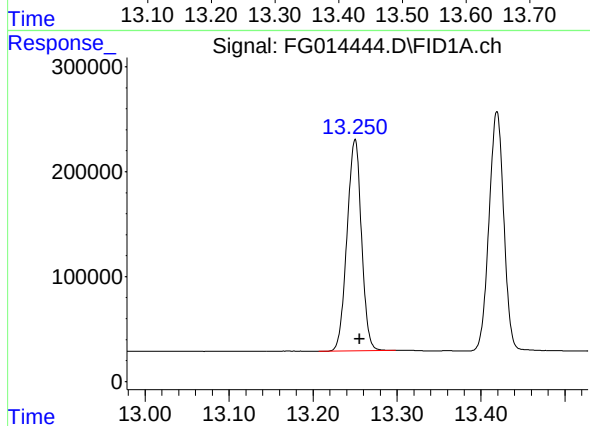
#10 n-Eicosane (C20)

R.T.: 12.806 min
Delta R.T.: -0.005 min
Response: 2813918
Conc: 22.70 ug/ml



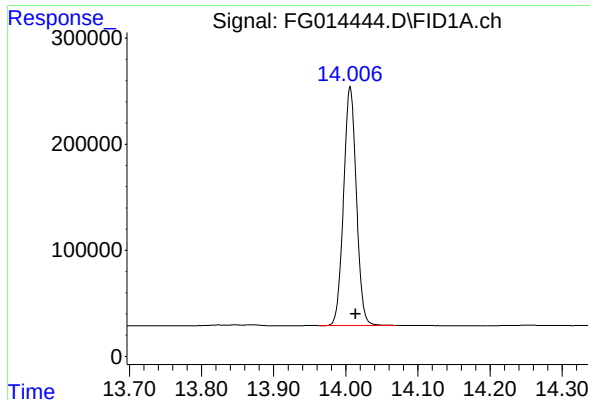
#11 n-Heneicosane (C21)

R.T.: 13.419 min
Delta R.T.: -0.006 min
Response: 2788300
Conc: 22.95 ug/ml



#12 1-chlorooctadecane (SURR)

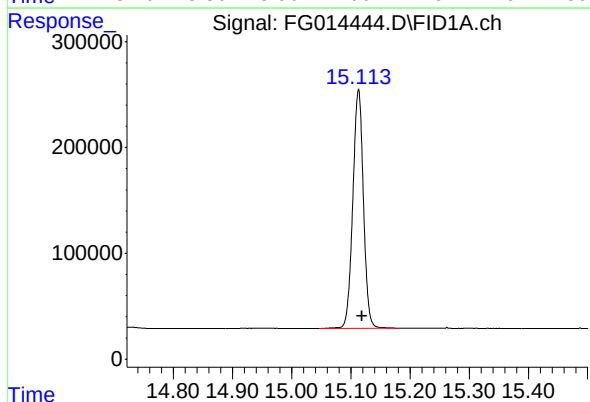
R.T.: 13.250 min
Delta R.T.: -0.006 min
Response: 2410426
Conc: 24.33 ug/ml



#13 n-Docosane (C22)

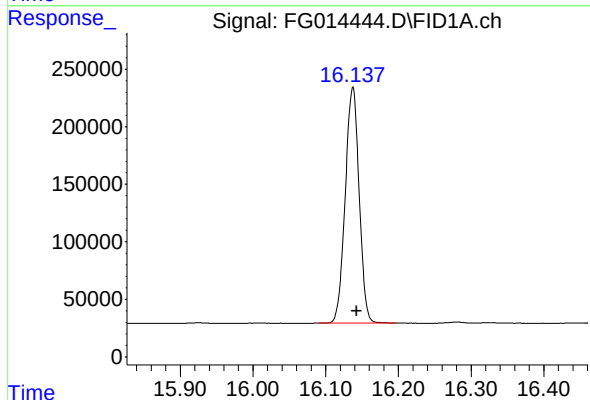
R.T.: 14.006 min
Delta R.T.: -0.007 min
Response: 2777771
Conc: 23.07 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



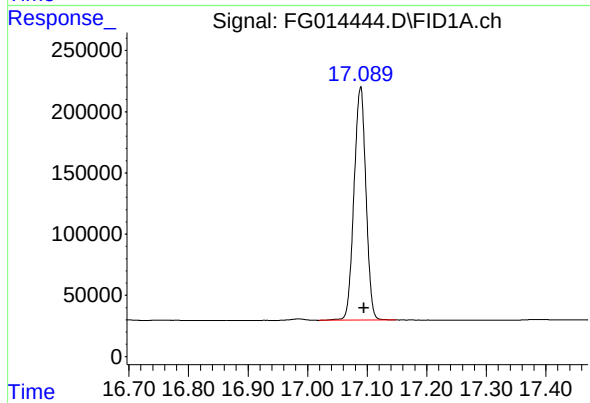
#14 n-Tetracosane (C24)

R.T.: 15.113 min
Delta R.T.: -0.006 min
Response: 2804671
Conc: 23.29 ug/ml



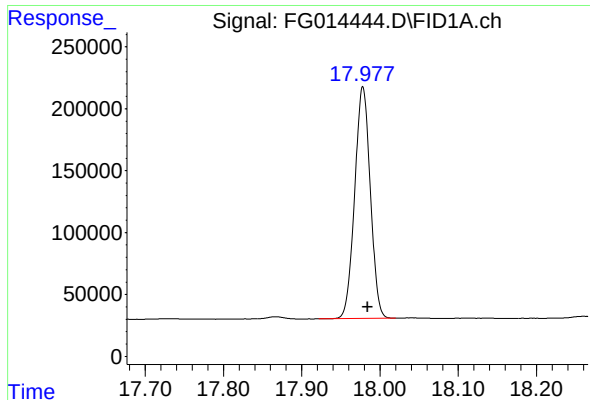
#15 n-Hexacosane (C26)

R.T.: 16.137 min
Delta R.T.: -0.005 min
Response: 2726649
Conc: 23.13 ug/ml



#16 n-Octacosane (C28)

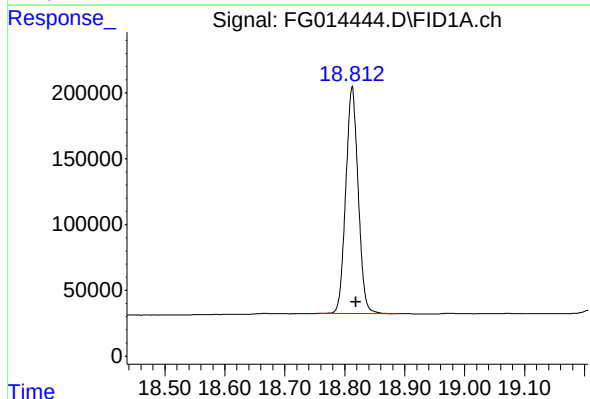
R.T.: 17.089 min
Delta R.T.: -0.005 min
Response: 2651247
Conc: 22.80 ug/ml



#17 n-Tricontane (C30)

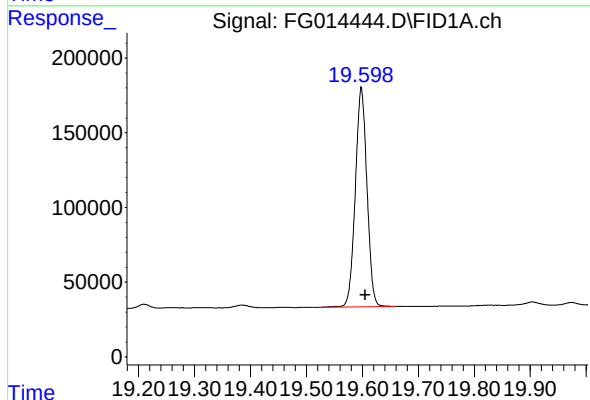
R.T.: 17.978 min
Delta R.T.: -0.006 min
Response: 2593720
Conc: 21.71 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



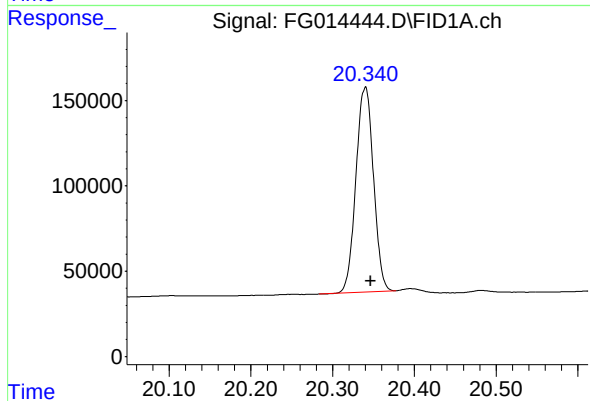
#18 n-Dotriacontane (C32)

R.T.: 18.812 min
Delta R.T.: -0.006 min
Response: 2481289
Conc: 21.49 ug/ml



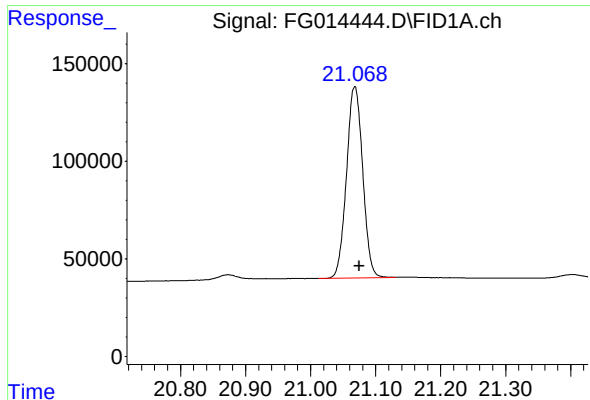
#19 n-Tetatriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.007 min
Response: 2118155
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

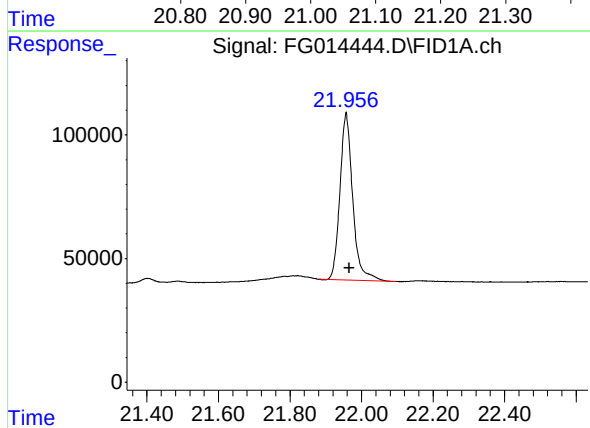
R.T.: 20.340 min
Delta R.T.: -0.006 min
Response: 1794632
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.068 min
Delta R.T.: -0.007 min
Response: 1698029
Conc: 22.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.957 min
Delta R.T.: -0.008 min
Response: 1676078
Conc: 25.32 ug/ml