

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG013025AL\
 Data File : FG015237.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jan 2025 03:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 30 04:33:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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)	11.934	2901803	18.560 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
12) S 1-chlorooctadecane (S...	13.381	2242960	18.421 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
Target Compounds			
1) T n-Nonane (C9)	3.278	2392192	18.425 ug/ml
2) T n-Decane (C10)	4.538	2454961	18.474 ug/ml
3) T A~Naphthalene (C11.7)	6.248	2687126	18.400 ug/ml
4) T n-Dodecane (C12)	6.718	2513433	18.489 ug/ml
5) T A~2-methylnaphthalene...	7.350	2635559	18.462 ug/ml
6) T n-Tetradecane (C14)	8.555	2536928	18.447 ug/ml
7) T n-Hexadecane (C16)	10.170	2671367	18.436 ug/ml
8) T n-Octadecane (C18)	11.619	2733887	18.394 ug/ml
10) T n-Eicosane (C20)	12.934	2642391	18.409 ug/ml
11) T n-Heneicosane (C21)	13.549	2601630	18.400 ug/ml
13) T n-Docosane (C22)	14.137	2597576	18.475 ug/ml
14) T n-Tetracosane (C24)	15.246	2569220	18.459 ug/ml
15) T n-Hexacosane (C26)	16.269	2524699	18.639 ug/ml
16) T n-Octacosane (C28)	17.223	2513324	19.099 ug/ml
17) T n-Tricontane (C30)	18.113	2643117	19.924 ug/ml
18) T n-Dotriacontane (C32)	18.947	2565402	20.340 ug/ml
19) T n-Tetratriacontane (C34)	19.730	2211661	20.312 ug/ml
20) T n-Hexatriacontane (C36)	20.474	1877287	20.108 ug/ml
21) T n-Octatriacontane (C38)	21.221	1728527	19.697 ug/ml
22) T n-Tetracontane (C40)	22.158	1597407	18.846 ug/ml

(f)=RT Delta > 1/2 Window

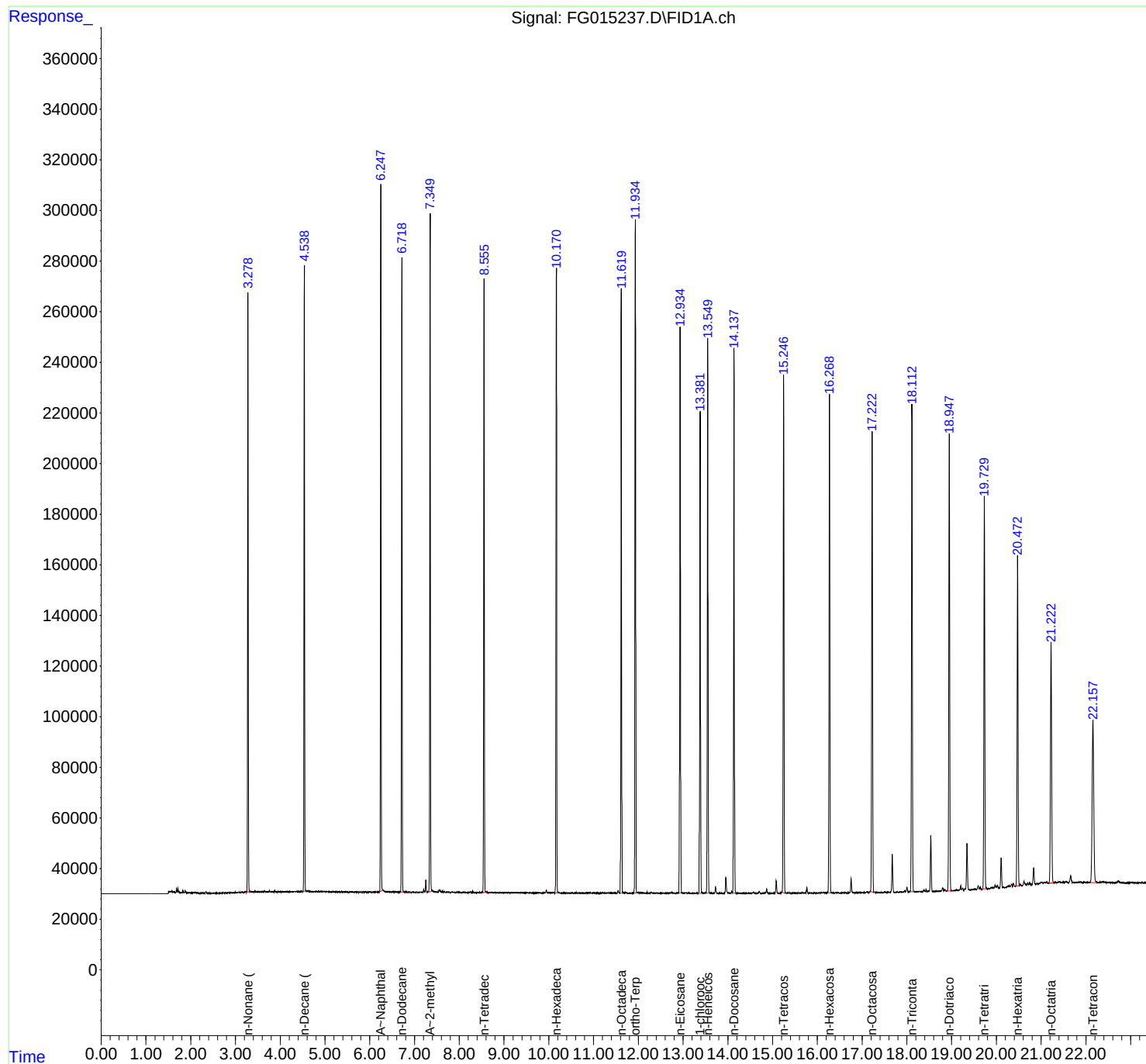
(m)=manual int.

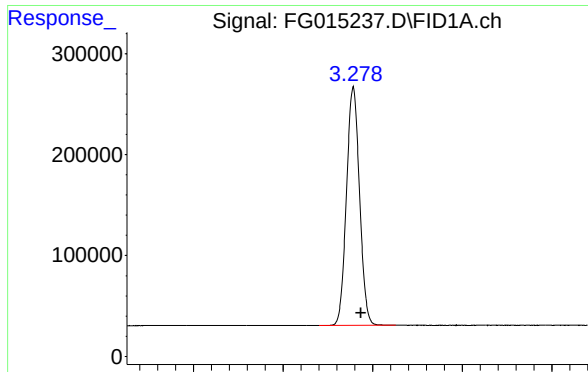
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG013025AL\
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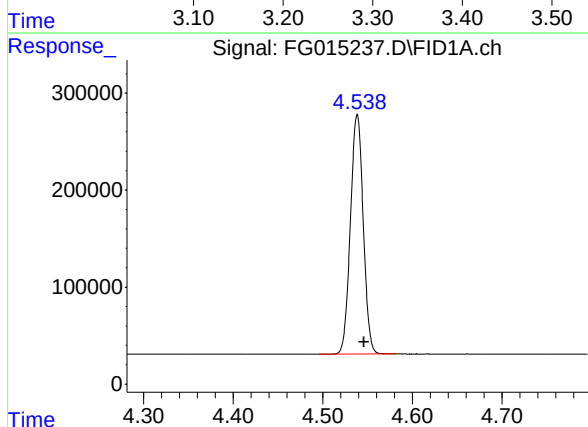




#1 n-Nonane (C9)

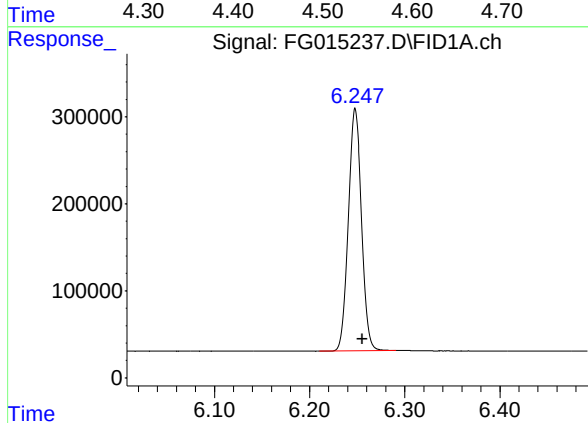
R.T.: 3.278 min
Delta R.T.: -0.009 min
Response: 2392192
Conc: 18.42 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



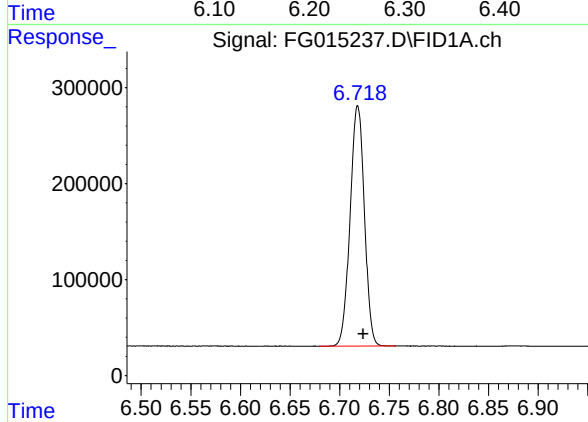
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.007 min
Response: 2454961
Conc: 18.47 ug/ml



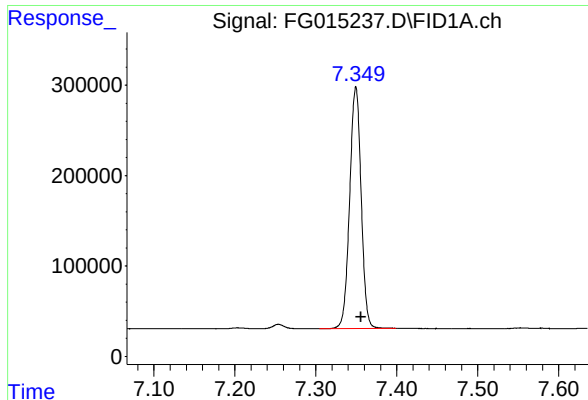
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 2687126
Conc: 18.40 ug/ml



#4 n-Dodecane (C12)

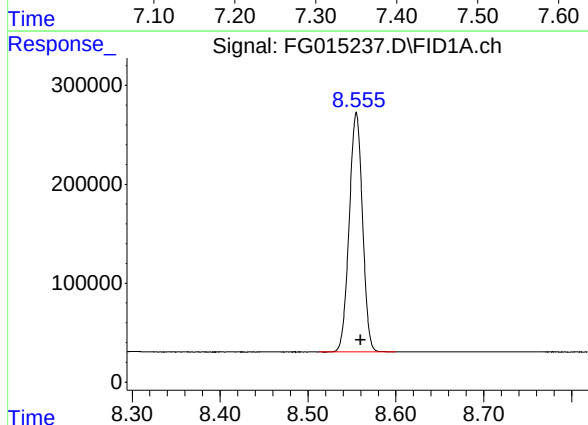
R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 2513433
Conc: 18.49 ug/ml



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

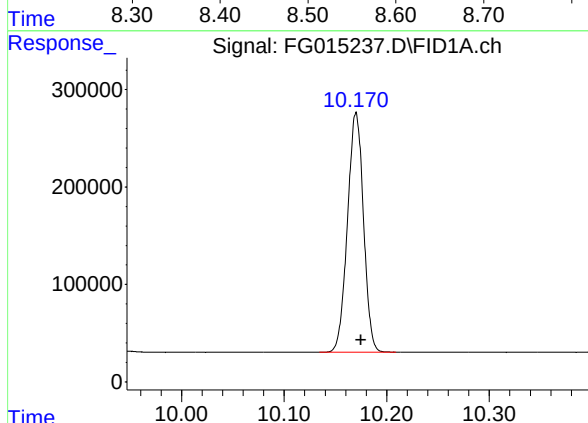
R.T.: 7.350 min
Delta R.T.: -0.006 min
Response: 2635559
Conc: 18.46 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



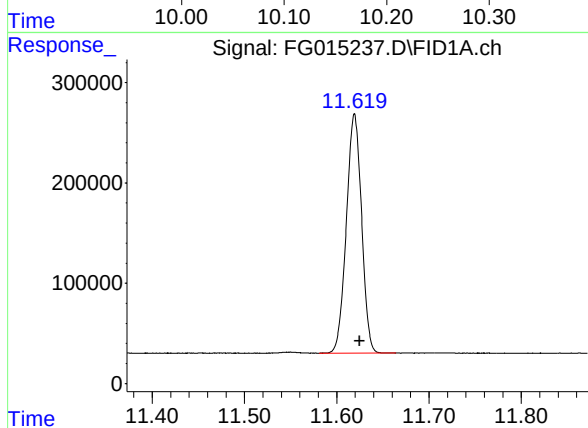
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: -0.005 min
Response: 2536928
Conc: 18.45 ug/ml



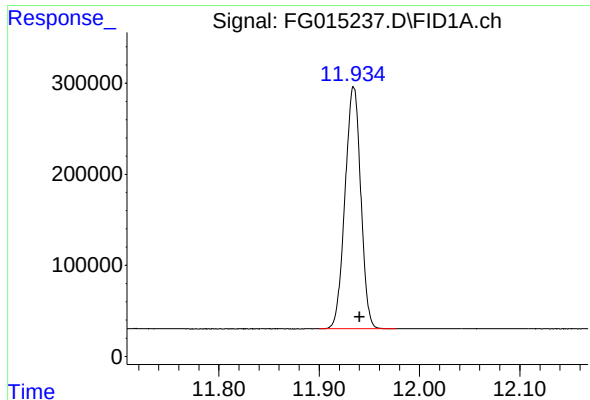
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.005 min
Response: 2671367
Conc: 18.44 ug/ml



#8 n-Octadecane (C18)

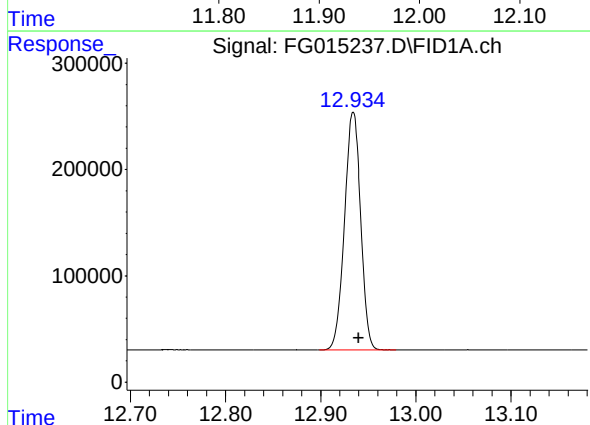
R.T.: 11.619 min
Delta R.T.: -0.006 min
Response: 2733887
Conc: 18.39 ug/ml



#9 ortho-Terphenyl (SURR)

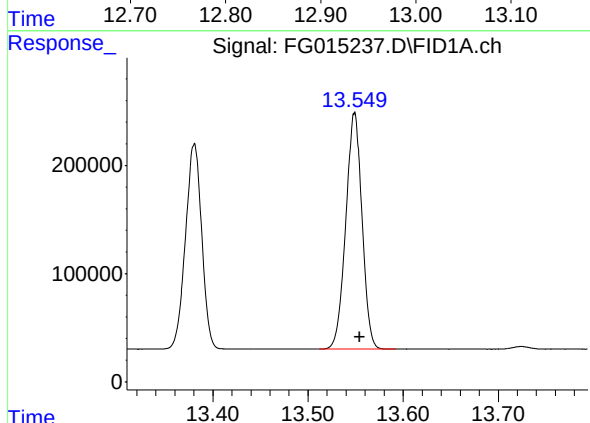
R.T.: 11.934 min
Delta R.T.: -0.006 min
Response: 2901803
Conc: 18.56 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



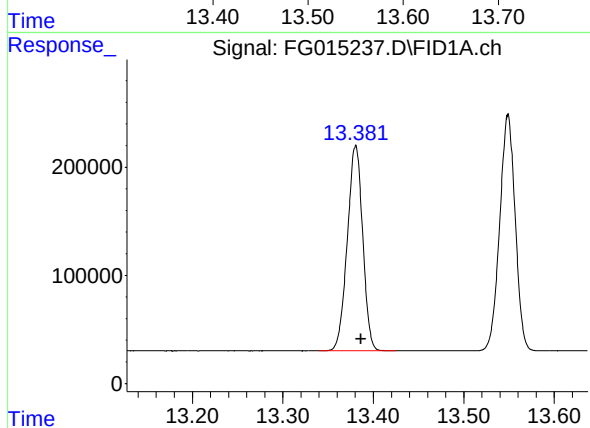
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.006 min
Response: 2642391
Conc: 18.41 ug/ml



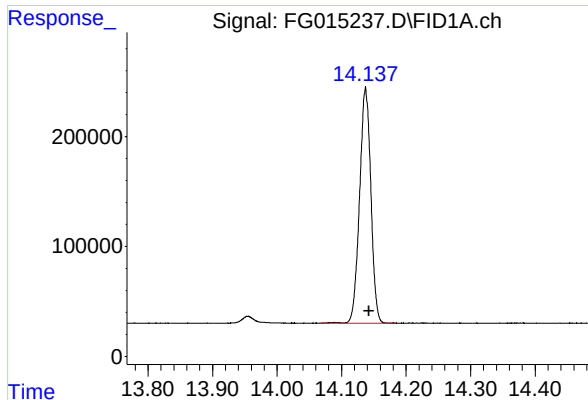
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.006 min
Response: 2601630
Conc: 18.40 ug/ml



#12 1-chlorooctadecane (SURR)

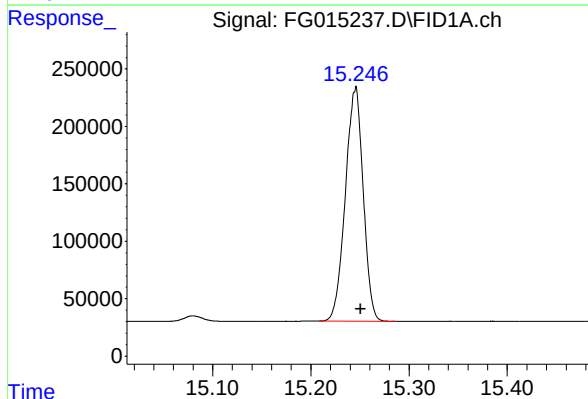
R.T.: 13.381 min
Delta R.T.: -0.006 min
Response: 2242960
Conc: 18.42 ug/ml



#13 n-Docosane (C22)

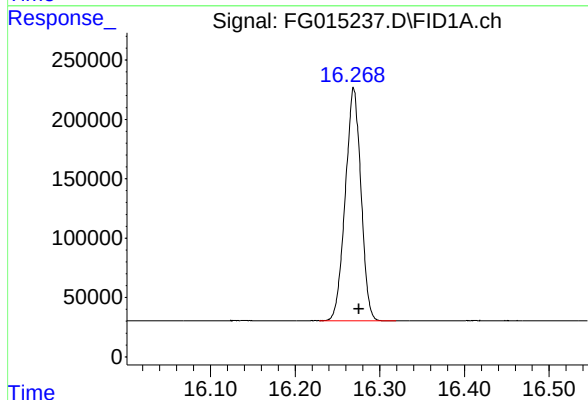
R.T.: 14.137 min
Delta R.T.: -0.006 min
Response: 2597576
Conc: 18.47 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



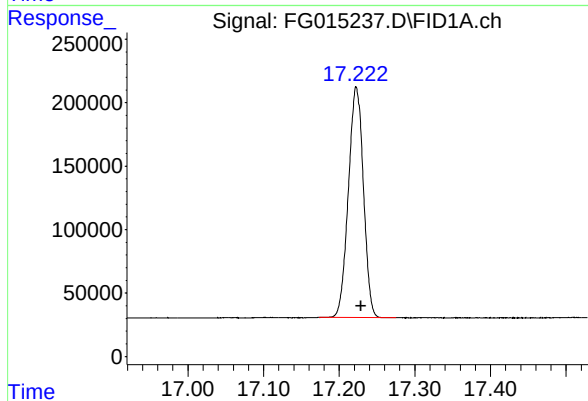
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.005 min
Response: 2569220
Conc: 18.46 ug/ml



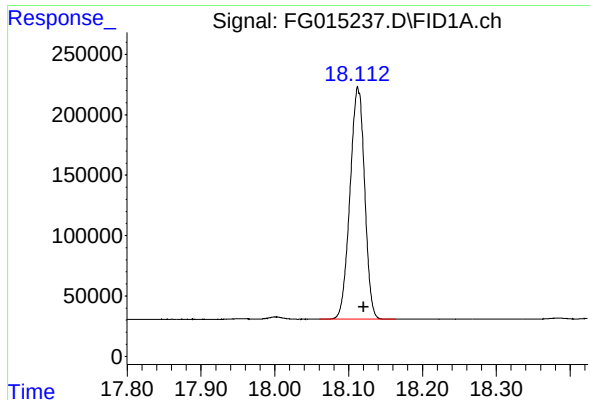
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.006 min
Response: 2524699
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

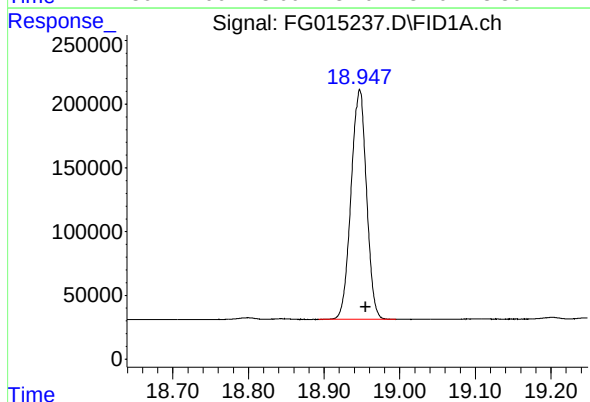
R.T.: 17.223 min
Delta R.T.: -0.006 min
Response: 2513324
Conc: 19.10 ug/ml



#17 n-Tricontane (C30)

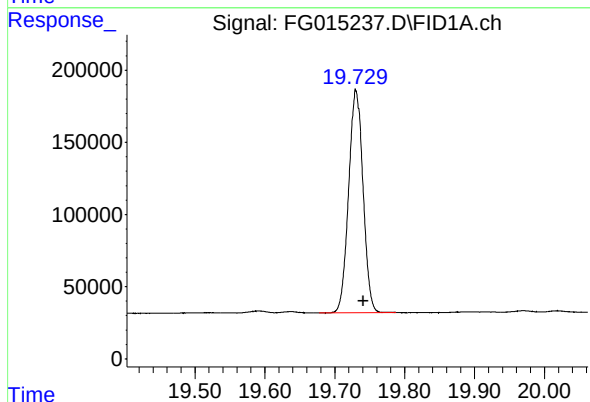
R.T.: 18.113 min
Delta R.T.: -0.008 min
Response: 2643117
Conc: 19.92 ug/ml

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FID_G
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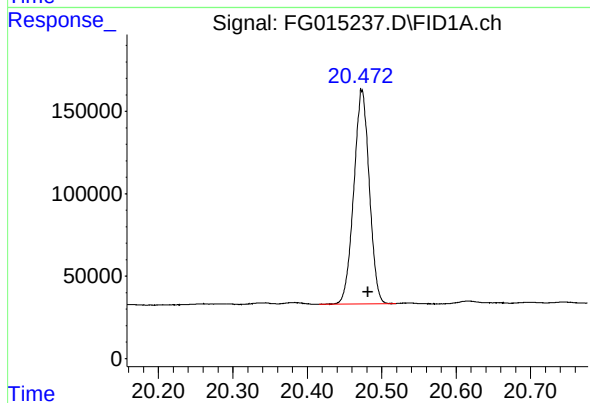
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.008 min
Response: 2565402
Conc: 20.34 ug/ml



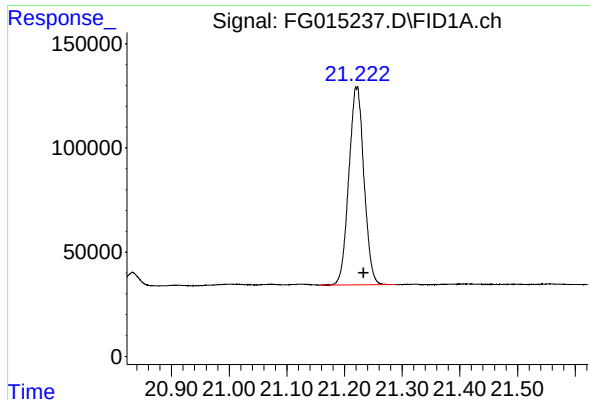
#19 n-Tetatriacontane (C34)

R.T.: 19.730 min
Delta R.T.: -0.010 min
Response: 2211661
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

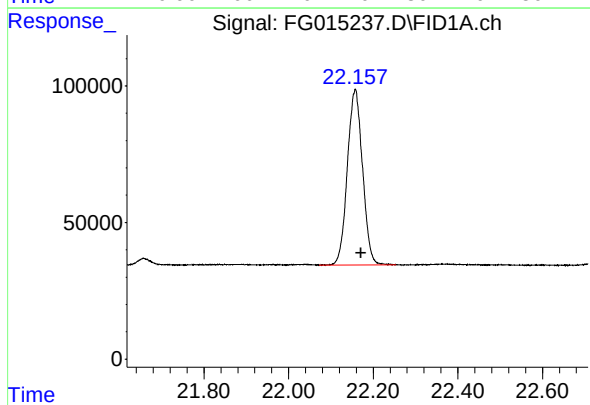
R.T.: 20.474 min
Delta R.T.: -0.008 min
Response: 1877287
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: -0.012 min
Response: 1728527
Conc: 19.70 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: -0.014 min
Response: 1597407
Conc: 18.85 ug/ml