

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112621AL\
 Data File : FC057098.D
 Signal(s) : FID1A.CH
 Acq On : 26 Nov 2021 13:30
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/29/2021
 Supervised By :mohammad ahmed 11/29/2021

Integration File: autoint1.e
 Quant Time: Nov 26 13:54:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.597	2575986	22.198 ug/ml
Spiked Amount 50.000		Recovery =	44.40%
12) S 1-chlorooctadecane (S...	13.030	2002532	21.997 ug/ml
Spiked Amount 50.000		Recovery =	43.99%
Target Compounds			
1) T n-Nonane (C9)	3.359	2329289	22.987 ug/ml
2) T n-Decane (C10)	4.425	2384750	23.814 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2660430	23.826 ug/ml
4) T n-Dodecane (C12)	6.442	2421823	23.886 ug/ml
5) T A~2-methylnaphthalene...	7.071	2650113	24.035 ug/ml
6) T n-Tetradecane (C14)	8.236	2423340	23.918 ug/ml
7) T n-Hexadecane (C16)	9.837	2415545	23.539 ug/ml
8) T n-Octadecane (C18)	11.277	2473310	23.085 ug/ml
10) T n-Eicosane (C20)	12.585	2408513	22.519 ug/ml
11) T n-Heneicosane (C21)	13.195	2403067	22.190 ug/ml
13) T n-Docosane (C22)	13.782	2370557	22.127 ug/ml
14) T n-Tetracosane (C24)	14.882	2296112	21.210 ug/ml
15) T n-Hexacosane (C26)	15.899	2213532	20.781 ug/ml
16) T n-Octacosane (C28)	16.847	2172069	20.363 ug/ml
17) T n-Tricontane (C30)	17.730	2178811	20.442 ug/ml
18) T n-Dotriacontane (C32)	18.560	2145138	20.337 ug/mlm
19) T n-Tetratriacontane (C34)	19.341	2125227	20.457 ug/mlm
20) T n-Hexatriacontane (C36)	20.077	2054615	20.341 ug/mlm
21) T n-Octatriacontane (C38)	20.811	2040514	22.229 ug/ml
22) T n-Tetracontane (C40)	21.719	2048477	22.740 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

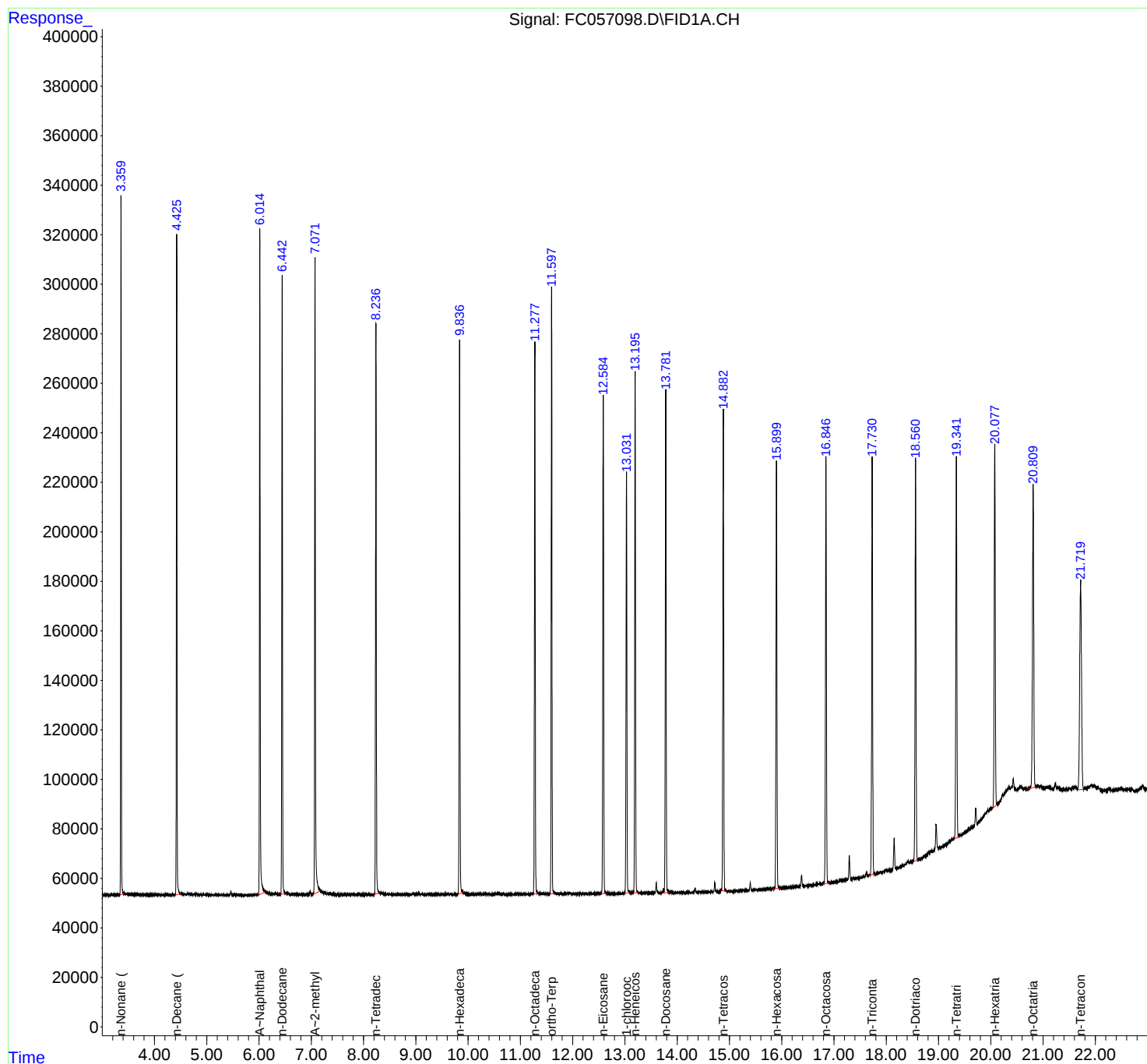
Instrument :
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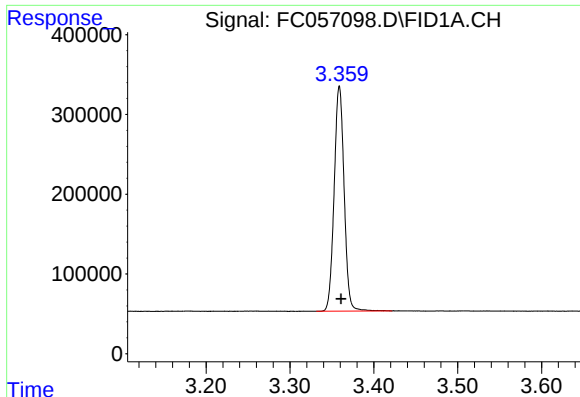
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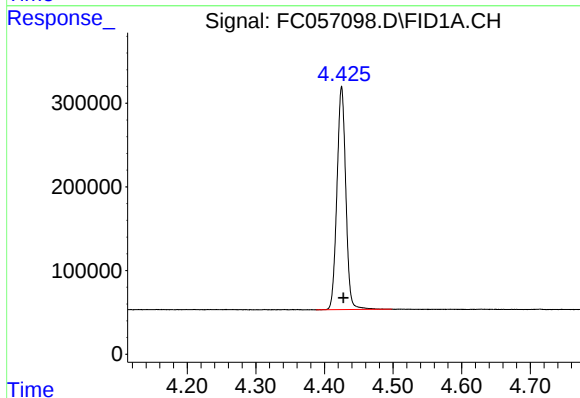
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 2329289
Conc: 22.99 ug/ml

Instrument :
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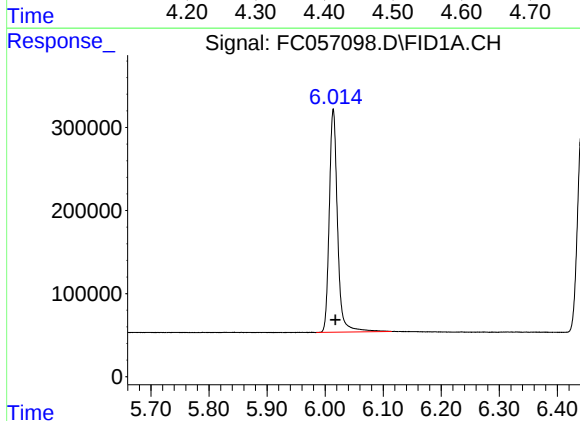
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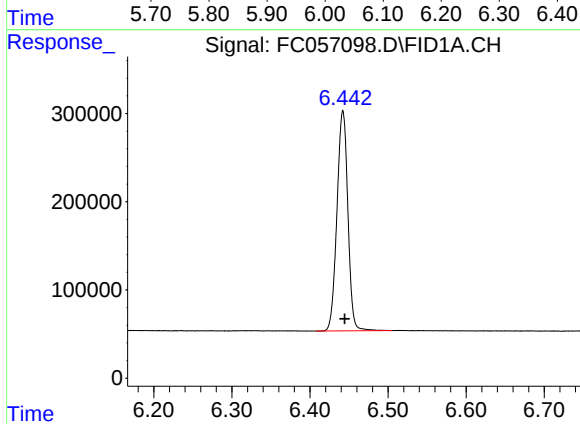
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.003 min
Response: 2384750
Conc: 23.81 ug/ml



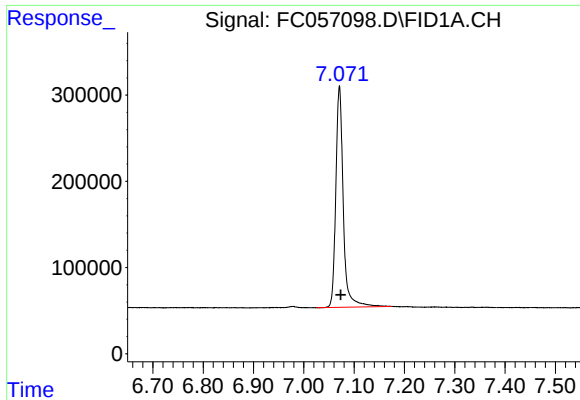
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 2660430
Conc: 23.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 2421823
Conc: 23.89 ug/ml



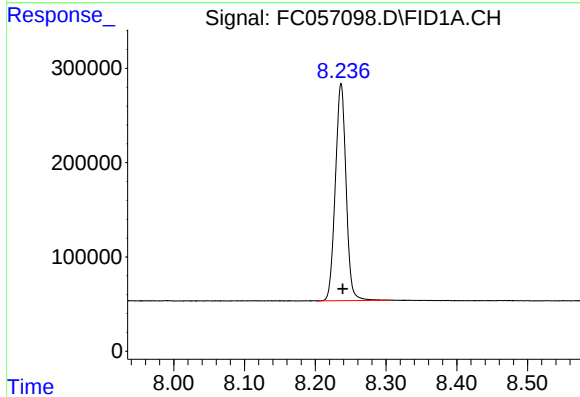
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 2650113
Conc: 24.03 ug/ml

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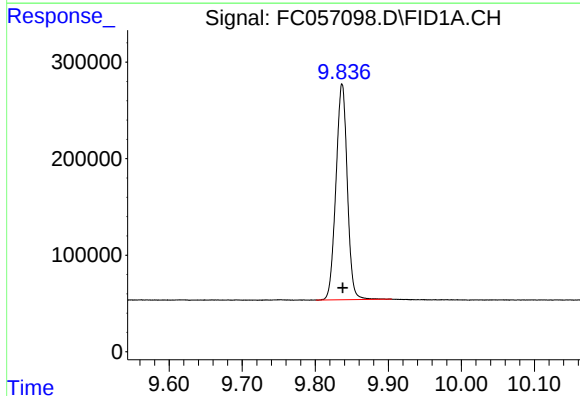
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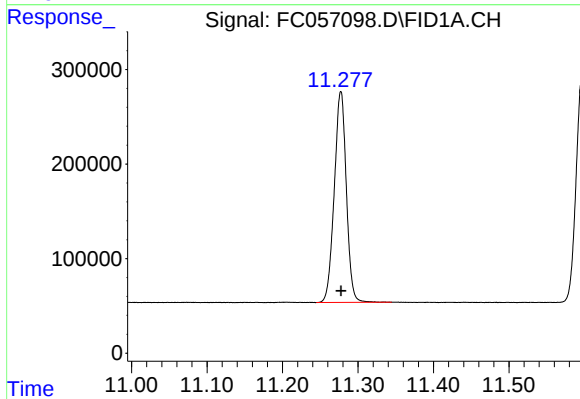
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 2423340
Conc: 23.92 ug/ml



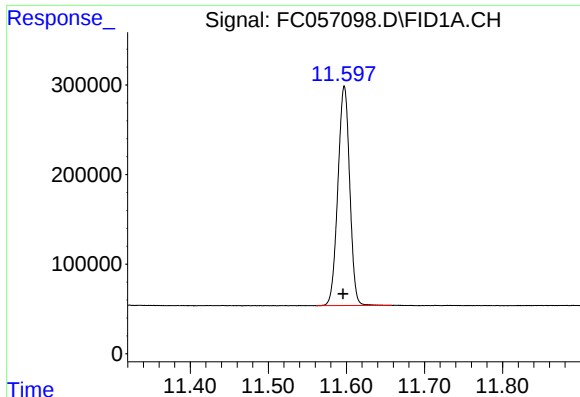
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: 0.000 min
Response: 2415545
Conc: 23.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.277 min
Delta R.T.: 0.000 min
Response: 2473310
Conc: 23.09 ug/ml



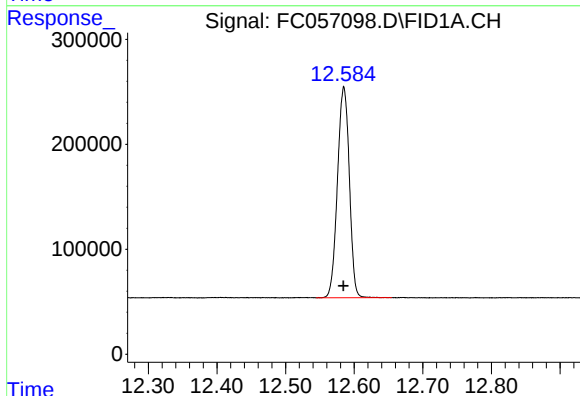
#9 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: 0.001 min
Response: 2575986
Conc: 22.20 ug/ml

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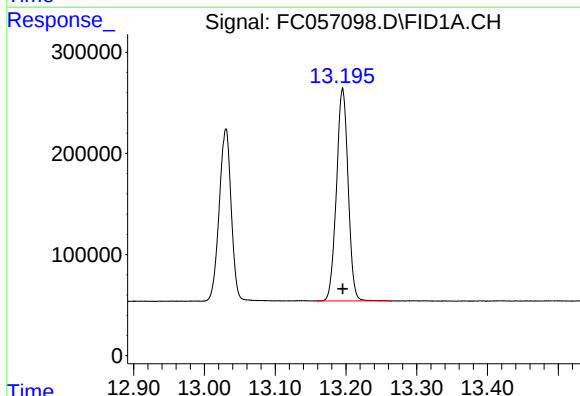
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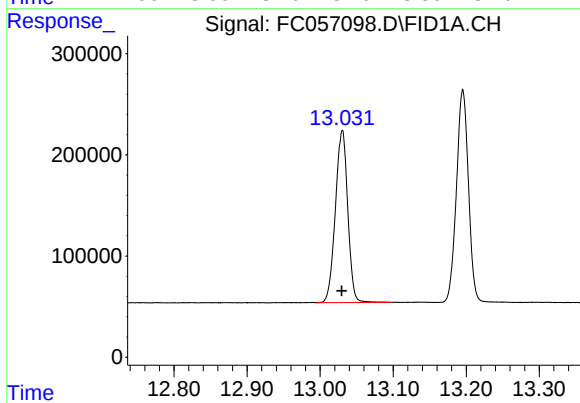
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: 0.000 min
Response: 2408513
Conc: 22.52 ug/ml



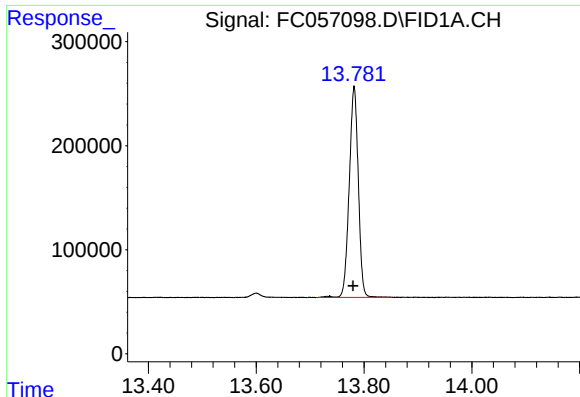
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 2403067
Conc: 22.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.030 min
Delta R.T.: 0.000 min
Response: 2002532
Conc: 22.00 ug/ml



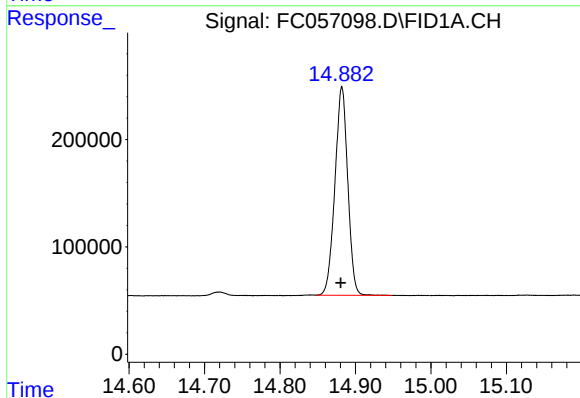
#13 n-Docosane (C22)

R.T.: 13.782 min
Delta R.T.: 0.002 min
Response: 2370557
Conc: 22.13 ug/ml

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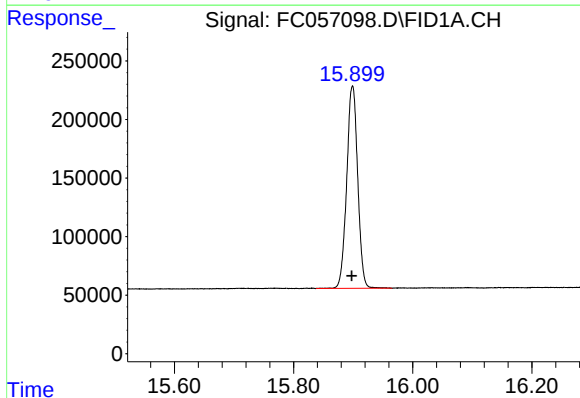
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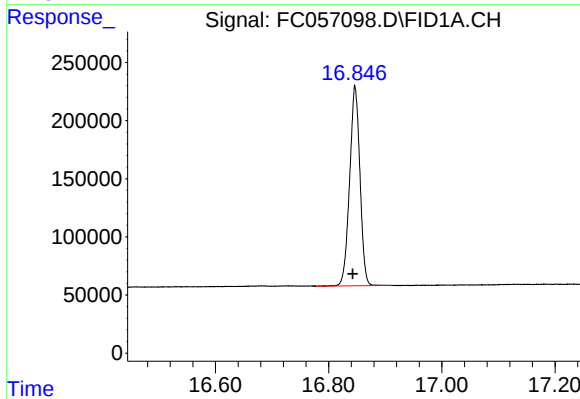
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: 0.001 min
Response: 2296112
Conc: 21.21 ug/ml



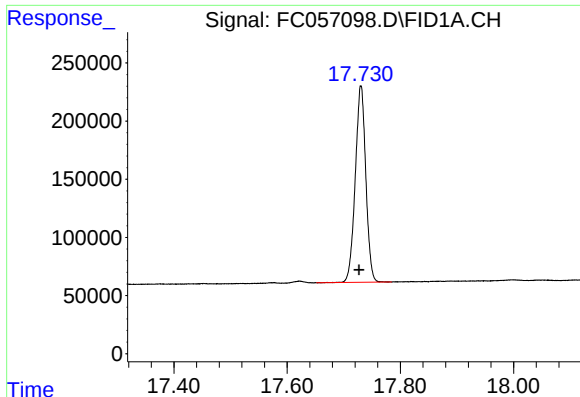
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.000 min
Response: 2213532
Conc: 20.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.847 min
Delta R.T.: 0.005 min
Response: 2172069
Conc: 20.36 ug/ml



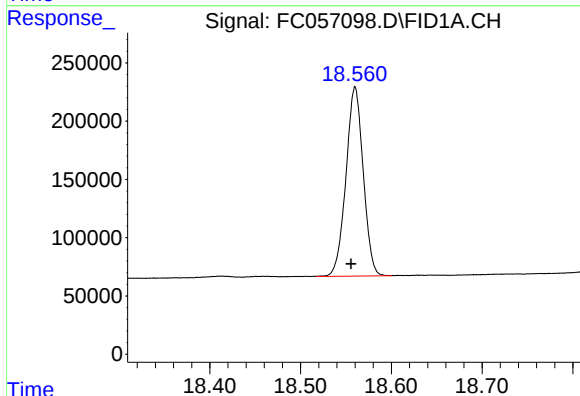
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.003 min
Response: 2178811
Conc: 20.44 ug/ml

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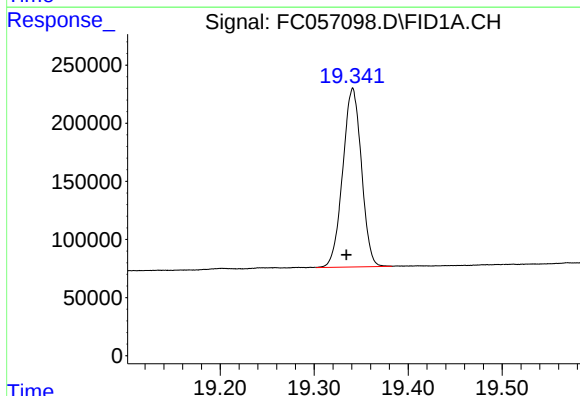
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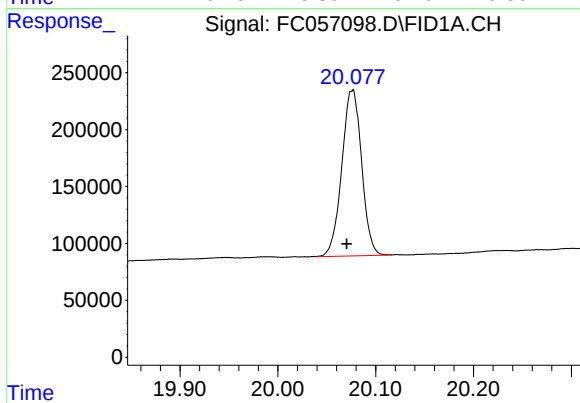
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: 0.004 min
Response: 2145138
Conc: 20.34 ug/ml m



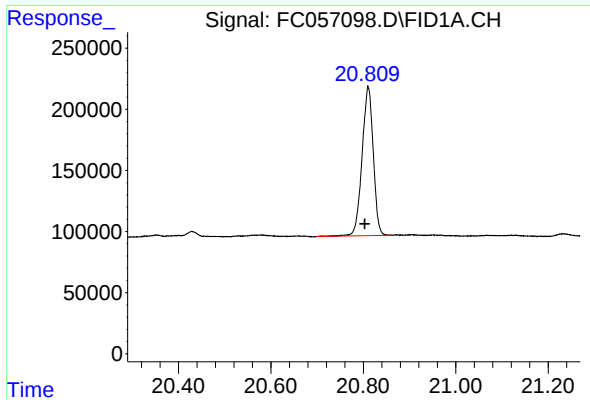
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min
Delta R.T.: 0.006 min
Response: 2125227
Conc: 20.46 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: 0.007 min
Response: 2054615
Conc: 20.34 ug/ml m



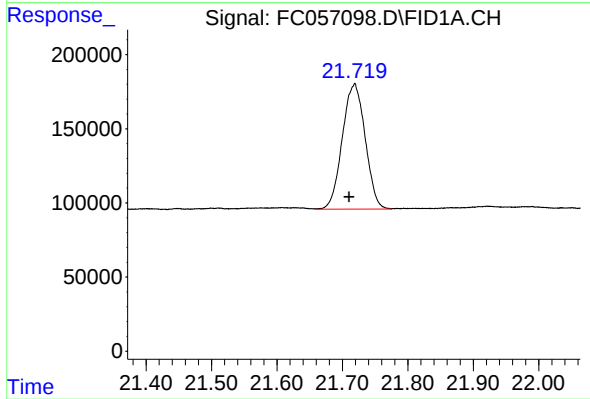
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: 0.008 min
Response: 2040514
Conc: 22.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: 0.009 min
Response: 2048477
Conc: 22.74 ug/ml m