

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
 Data File : FC059397.D
 Signal(s) : FID1A.CH
 Acq On : 25 Apr 2022 9:47
 Operator : UA/NP
 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 :Yogesh Patel 04/26/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
 Quant Time: Apr 25 13:40:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 2022
 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)	11.094	3270489	20.353 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
12) S 1-chlorooctadecane (S...	12.541	2613825	20.017 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	2.960	2516884	20.082 ug/ml
2) T n-Decane (C10)	4.000	2531818	20.265 ug/ml
3) T A~Naphthalene (C11.7)	5.549	2593911	21.146 ug/ml
4) T n-Dodecane (C12)	5.996	2703242	20.500 ug/ml
5) T A~2-methylnaphthalene...	6.596	2707979	21.457 ug/ml
6) T n-Tetradecane (C14)	7.778	2792196	20.643 ug/ml
7) T n-Hexadecane (C16)	9.369	2896991	20.627 ug/ml
8) T n-Octadecane (C18)	10.802	2981754	20.412 ug/ml
10) T n-Eicosane (C20)	12.105	3022161	20.152 ug/ml
11) T n-Heneicosane (C21)	12.713	3049671	20.049 ug/ml
13) T n-Docosane (C22)	13.296	3036700	19.819 ug/ml
14) T n-Tetracosane (C24)	14.393	3025498	19.539 ug/ml
15) T n-Hexacosane (C26)	15.409	2919303	18.942 ug/ml
16) T n-Octacosane (C28)	16.355	2831140	18.289 ug/ml
17) T n-Tricontane (C30)	17.239	2675300	17.614 ug/ml
18) T n-Dotriacontane (C32)	18.068	2461980	17.473 ug/ml
19) T n-Tetratriacontane (C34)	18.849	2170862	17.176 ug/ml
20) T n-Hexatriacontane (C36)	19.586	1902845	17.397 ug/ml
21) T n-Octatriacontane (C38)	20.281	1724671	18.519 ug/mlm
22) T n-Tetracontane (C40)	21.023	1613008	19.311 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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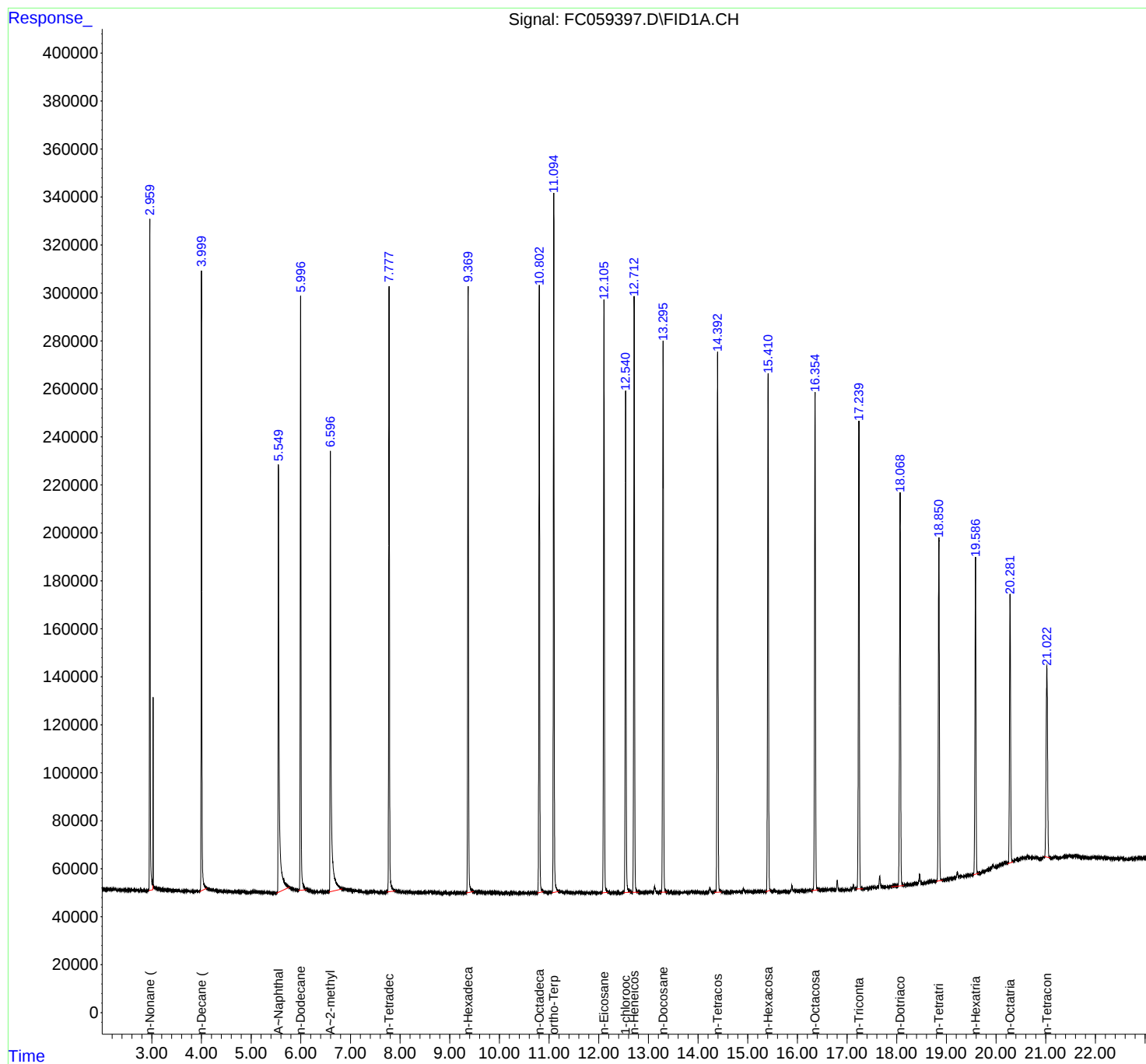
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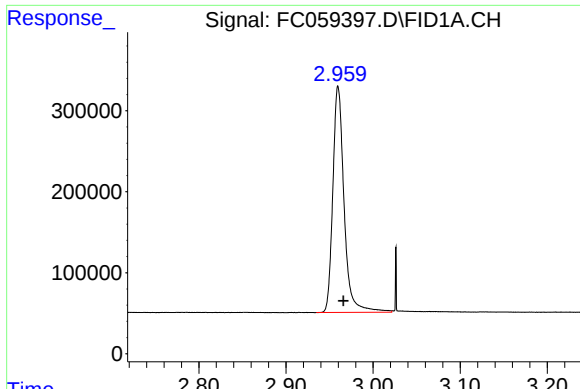
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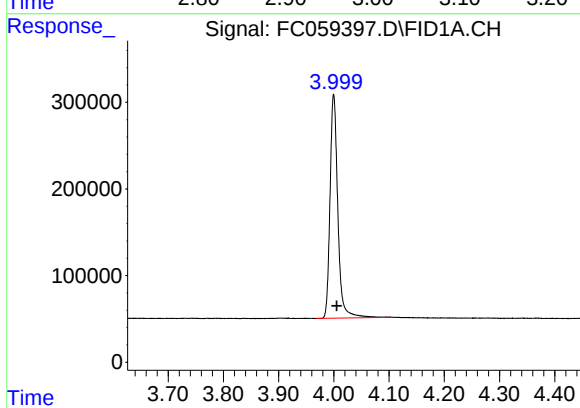
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.006 min
Response: 2516884
Conc: 20.08 ug/ml

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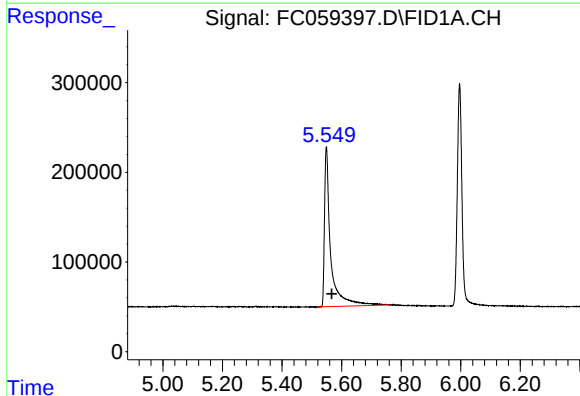
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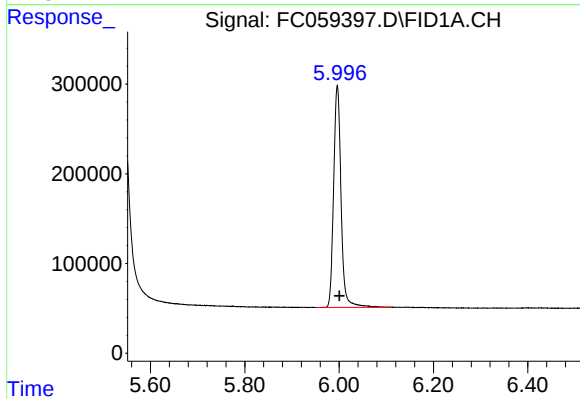
#2 n-Decane (C10)

R.T.: 4.000 min
Delta R.T.: -0.005 min
Response: 2531818
Conc: 20.27 ug/ml



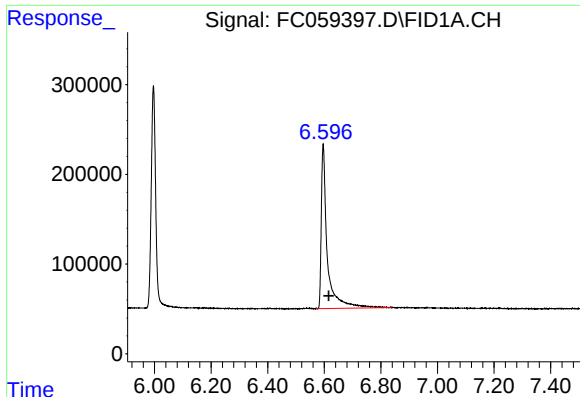
#3 A~Naphthalene (C11.7)

R.T.: 5.549 min
Delta R.T.: -0.018 min
Response: 2593911
Conc: 21.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 2703242
Conc: 20.50 ug/ml



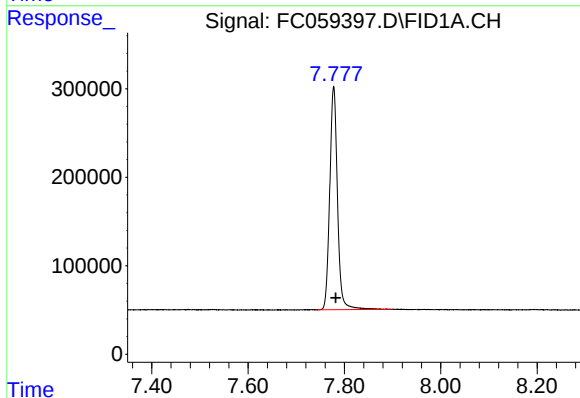
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.596 min
Delta R.T.: -0.019 min
Response: 2707979
Conc: 21.46 ug/ml

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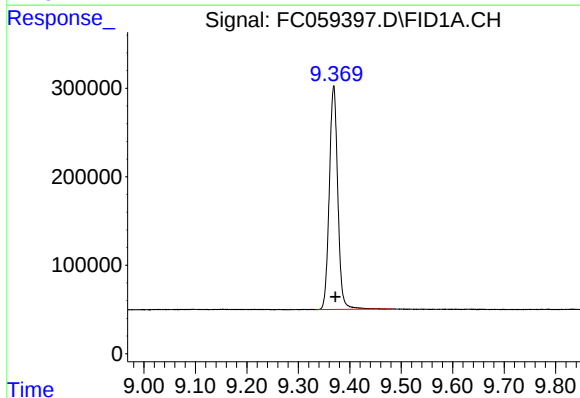
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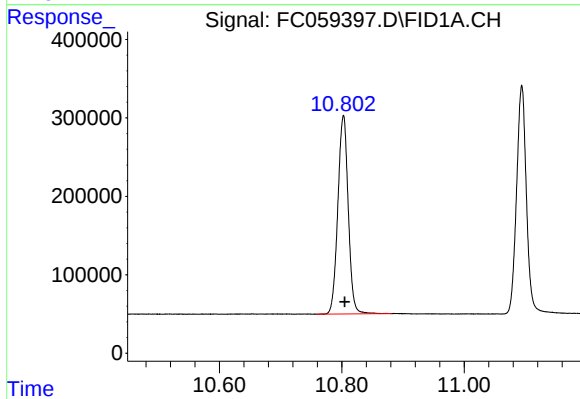
#6 n-Tetradecane (C14)

R.T.: 7.778 min
Delta R.T.: -0.004 min
Response: 2792196
Conc: 20.64 ug/ml



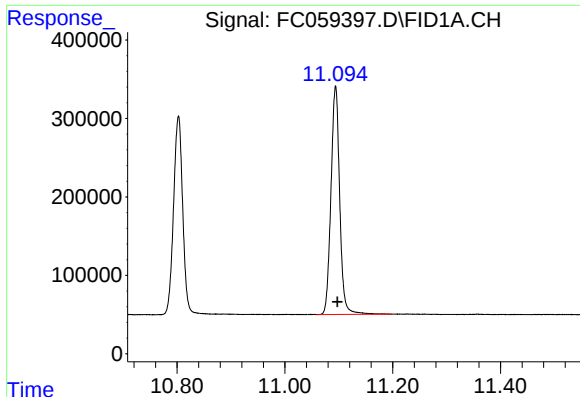
#7 n-Hexadecane (C16)

R.T.: 9.369 min
Delta R.T.: -0.003 min
Response: 2896991
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.802 min
Delta R.T.: -0.002 min
Response: 2981754
Conc: 20.41 ug/ml



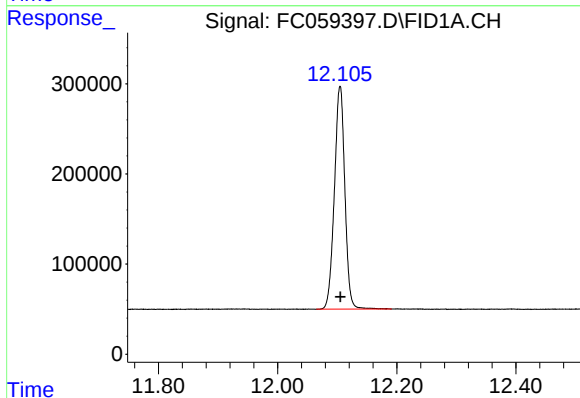
#9 ortho-Terphenyl (SURR)

R.T.: 11.094 min
Delta R.T.: -0.003 min
Response: 3270489
Conc: 20.35 ug/ml

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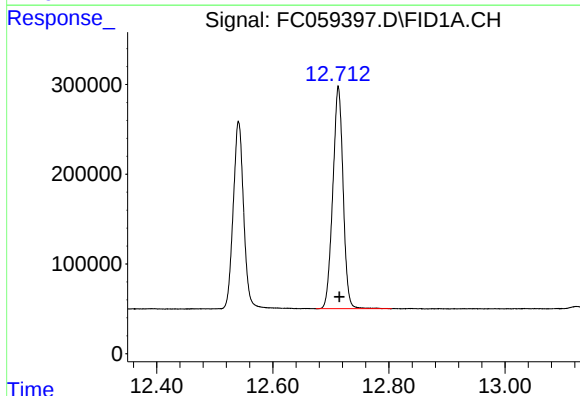
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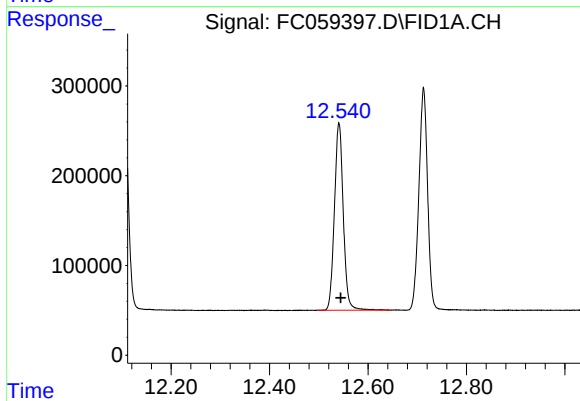
#10 n-Eicosane (C20)

R.T.: 12.105 min
Delta R.T.: 0.000 min
Response: 3022161
Conc: 20.15 ug/ml



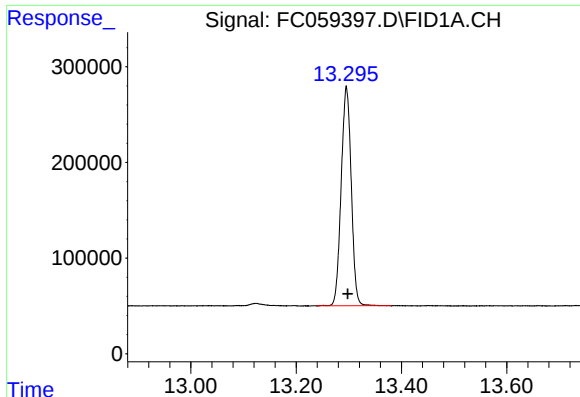
#11 n-Heneicosane (C21)

R.T.: 12.713 min
Delta R.T.: -0.002 min
Response: 3049671
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.541 min
Delta R.T.: -0.003 min
Response: 2613825
Conc: 20.02 ug/ml



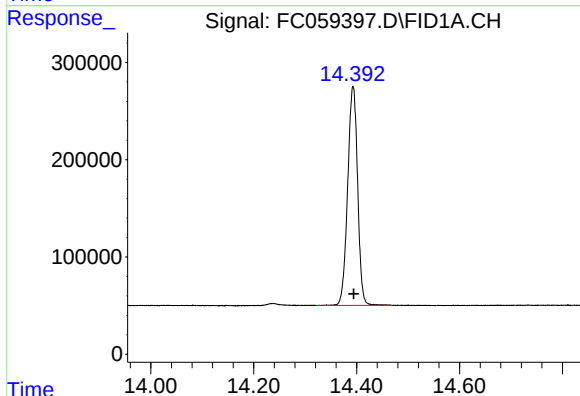
#13 n-Docosane (C22)

R.T.: 13.296 min
Delta R.T.: -0.003 min
Response: 3036700
Conc: 19.82 ug/ml

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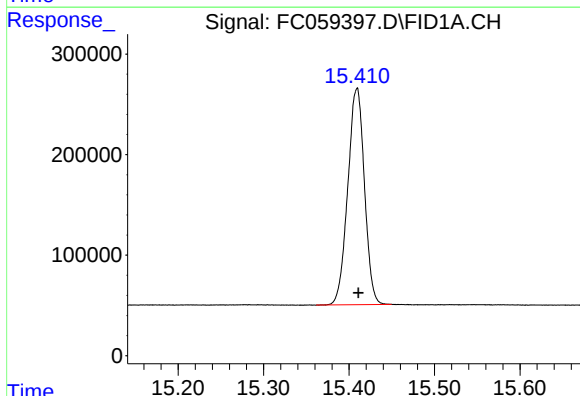
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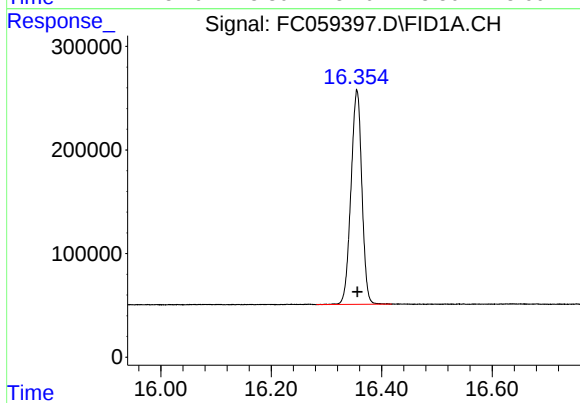
#14 n-Tetracosane (C24)

R.T.: 14.393 min
Delta R.T.: -0.001 min
Response: 3025498
Conc: 19.54 ug/ml



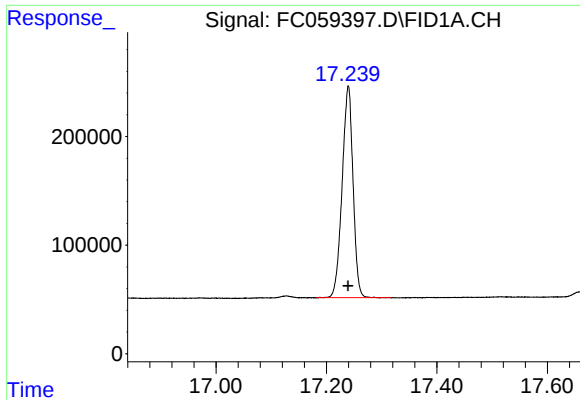
#15 n-Hexacosane (C26)

R.T.: 15.409 min
Delta R.T.: -0.002 min
Response: 2919303
Conc: 18.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.355 min
Delta R.T.: -0.001 min
Response: 2831140
Conc: 18.29 ug/ml



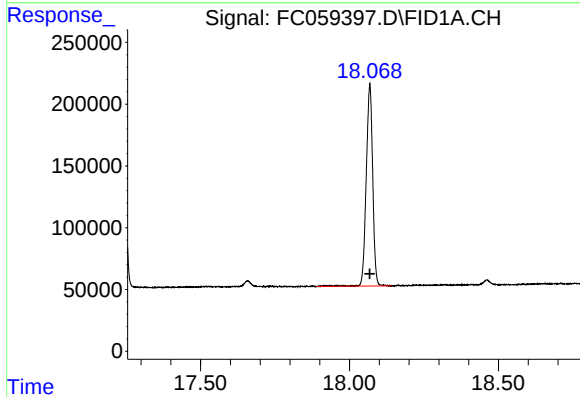
#17 n-Tricontane (C30)

R.T.: 17.239 min
Delta R.T.: 0.000 min
Response: 2675300
Conc: 17.61 ug/ml

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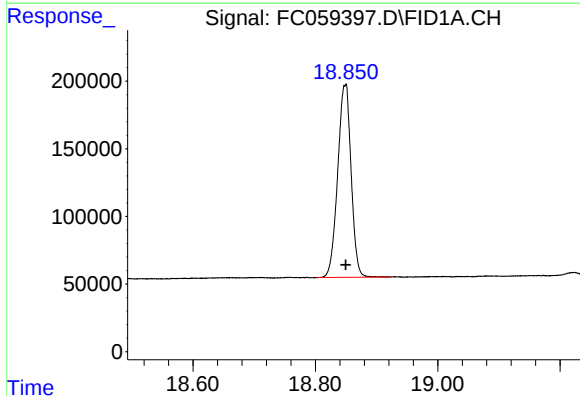
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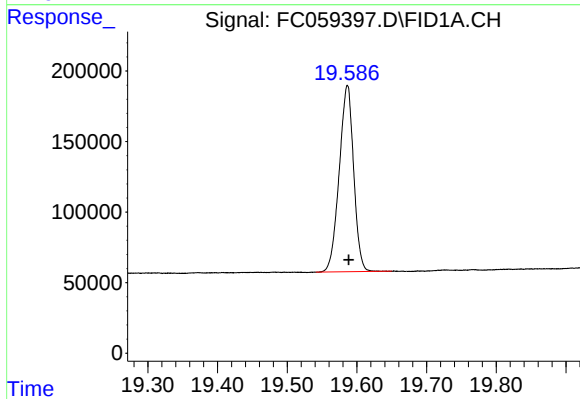
#18 n-Dotriacontane (C32)

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 2461980
Conc: 17.47 ug/ml



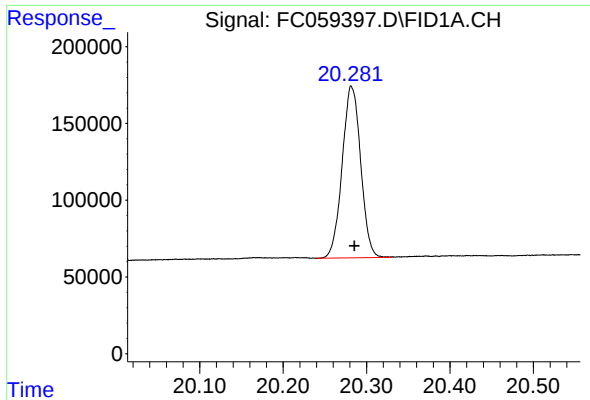
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: -0.001 min
Response: 2170862
Conc: 17.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.586 min
Delta R.T.: -0.002 min
Response: 1902845
Conc: 17.40 ug/ml



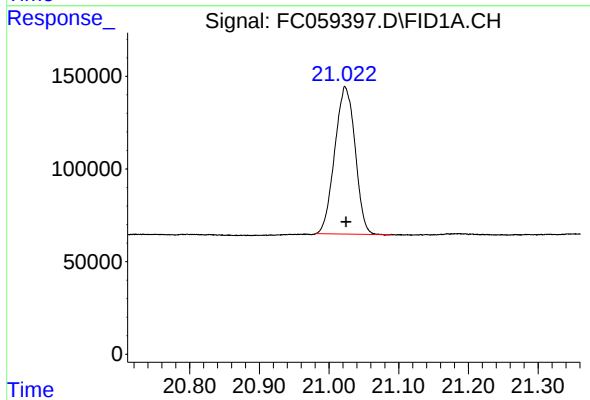
#21 n-Octatriacontane (C38)

R.T.: 20.281 min
Delta R.T.: -0.004 min
Response: 1724671
Conc: 18.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.023 min
Delta R.T.: -0.001 min
Response: 1613008
Conc: 19.31 ug/ml