

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042622AL\
 Data File : FC059466.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2022 7:50
 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 04/27/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
 Quant Time: Apr 27 08:11:47 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	3283026	20.431 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
12) S 1-chlorooctadecane (S...	12.541	2589879	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	2.960	2716598	21.676 ug/ml
2) T n-Decane (C10)	4.000	2731113	21.861 ug/ml
3) T A~Naphthalene (C11.7)	5.550	2849579	23.230 ug/ml
4) T n-Dodecane (C12)	5.997	2900905	21.999 ug/ml
5) T A~2-methylnaphthalene...	6.597	2882152	22.837 ug/ml
6) T n-Tetradecane (C14)	7.779	2957290	21.863 ug/ml
7) T n-Hexadecane (C16)	9.369	3031626	21.586 ug/ml
8) T n-Octadecane (C18)	10.802	3078337	21.073 ug/ml
10) T n-Eicosane (C20)	12.103	3045810	20.309 ug/ml
11) T n-Heneicosane (C21)	12.712	3022269	19.869 ug/ml
13) T n-Docosane (C22)	13.296	2991847	19.526 ug/ml
14) T n-Tetracosane (C24)	14.394	2887063	18.645 ug/ml
15) T n-Hexacosane (C26)	15.410	2719038	17.642 ug/ml
16) T n-Octacosane (C28)	16.355	2636638	17.032 ug/ml
17) T n-Tricontane (C30)	17.238	2530812	16.662 ug/ml
18) T n-Dotriacontane (C32)	18.068	2351915	16.692 ug/mlm
19) T n-Tetratriacontane (C34)	18.848	2170838	17.176 ug/ml
20) T n-Hexatriacontane (C36)	19.585	1957045	17.893 ug/ml
21) T n-Octatriacontane (C38)	20.281	1817646	19.517 ug/mlm
22) T n-Tetracontane (C40)	21.023	1745031	20.892 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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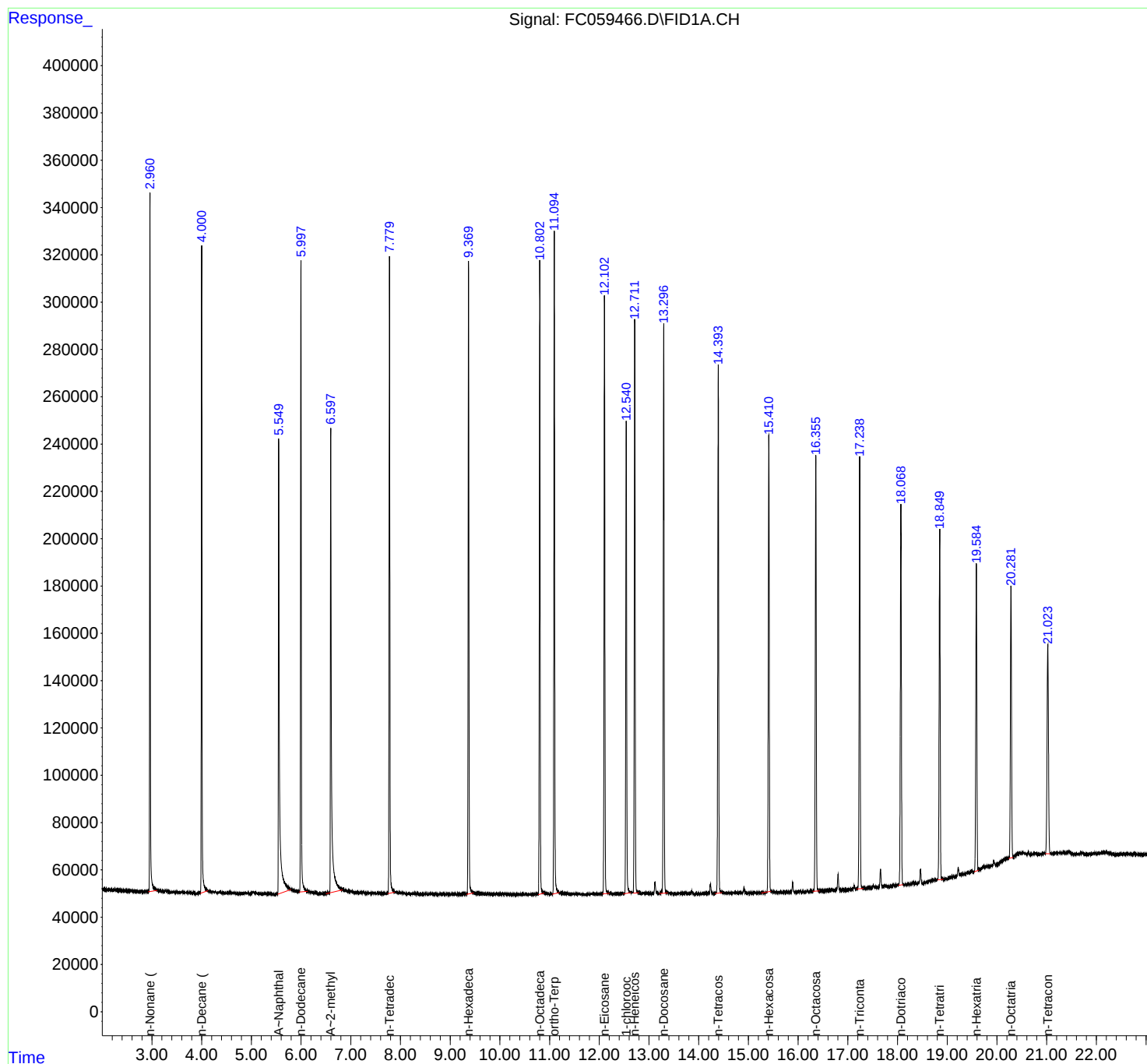
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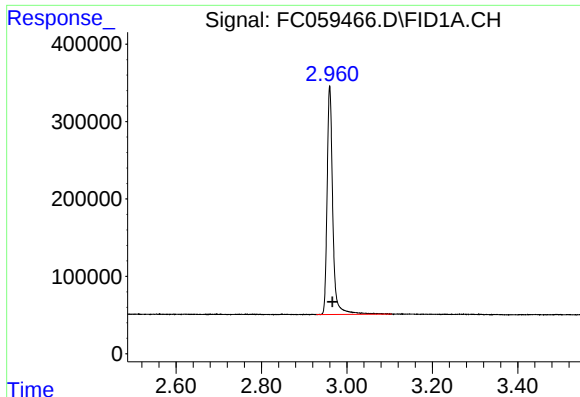
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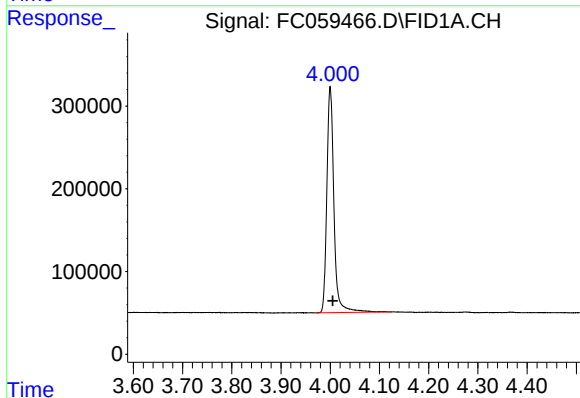
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.006 min
Response: 2716598
Conc: 21.68 ug/ml

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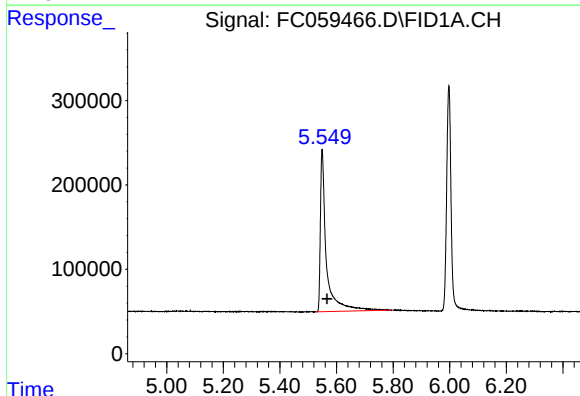
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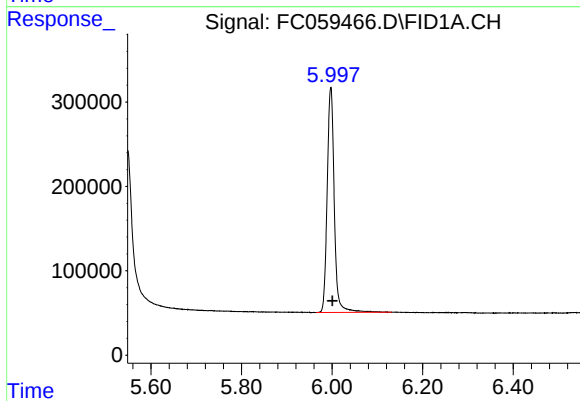
#2 n-Decane (C10)

R.T.: 4.000 min
Delta R.T.: -0.005 min
Response: 2731113
Conc: 21.86 ug/ml



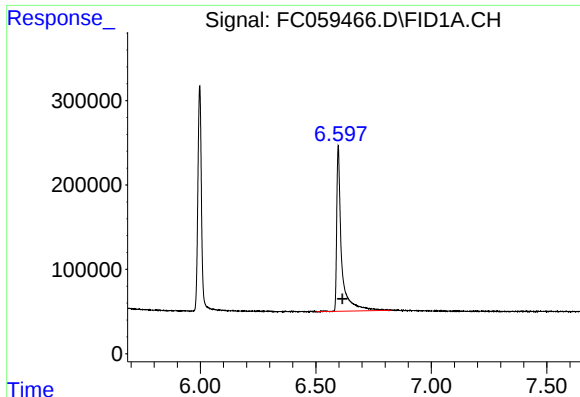
#3 A~Naphthalene (C11.7)

R.T.: 5.550 min
Delta R.T.: -0.017 min
Response: 2849579
Conc: 23.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 2900905
Conc: 22.00 ug/ml



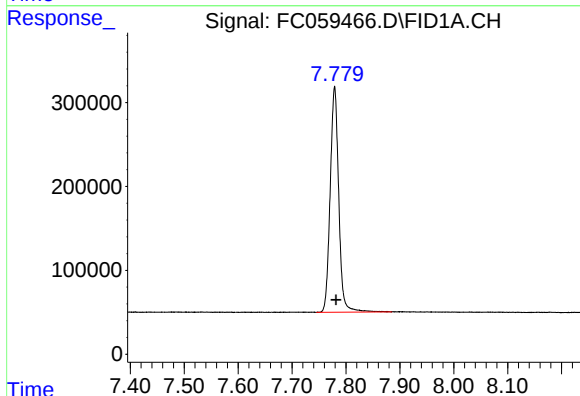
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.597 min
Delta R.T.: -0.018 min
Response: 2882152
Conc: 22.84 ug/ml

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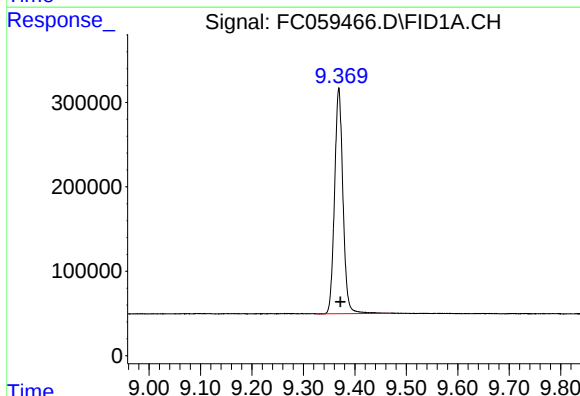
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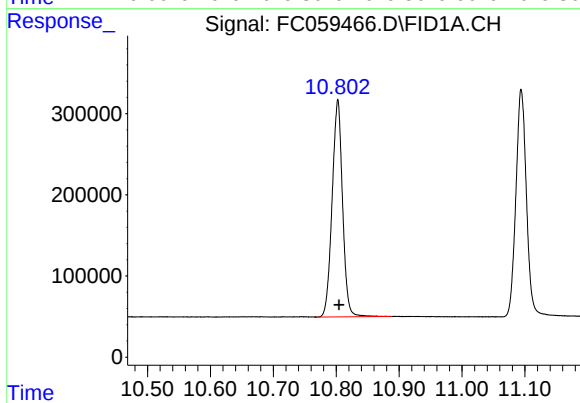
#6 n-Tetradecane (C14)

R.T.: 7.779 min
Delta R.T.: -0.003 min
Response: 2957290
Conc: 21.86 ug/ml



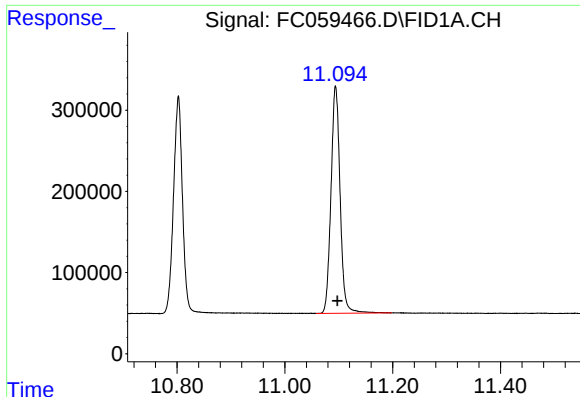
#7 n-Hexadecane (C16)

R.T.: 9.369 min
Delta R.T.: -0.003 min
Response: 3031626
Conc: 21.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.802 min
Delta R.T.: -0.002 min
Response: 3078337
Conc: 21.07 ug/ml



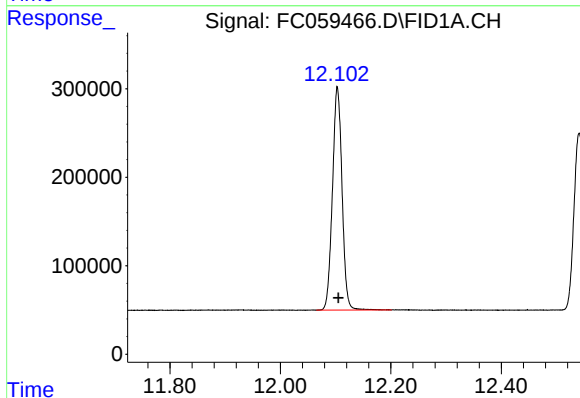
#9 ortho-Terphenyl (SURR)

R.T.: 11.094 min
Delta R.T.: -0.003 min
Response: 3283026
Conc: 20.43 ug/ml

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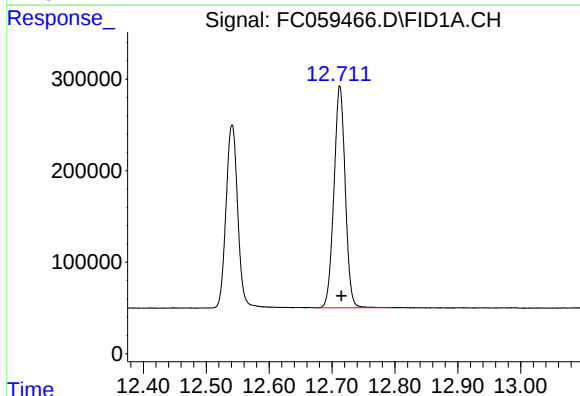
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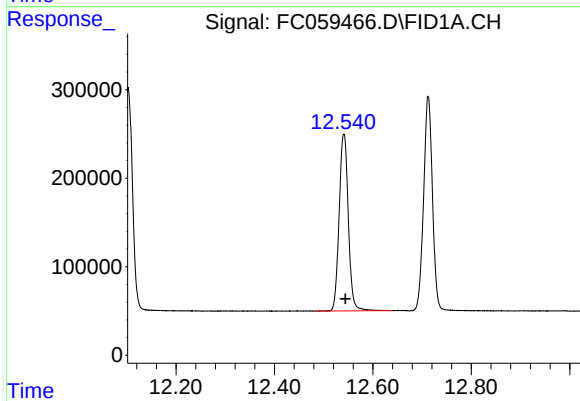
#10 n-Eicosane (C20)

R.T.: 12.103 min
Delta R.T.: -0.002 min
Response: 3045810
Conc: 20.31 ug/ml



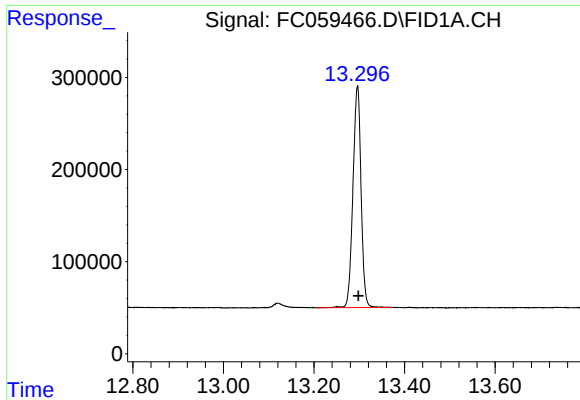
#11 n-Heneicosane (C21)

R.T.: 12.712 min
Delta R.T.: -0.002 min
Response: 3022269
Conc: 19.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.541 min
Delta R.T.: -0.003 min
Response: 2589879
Conc: 19.83 ug/ml



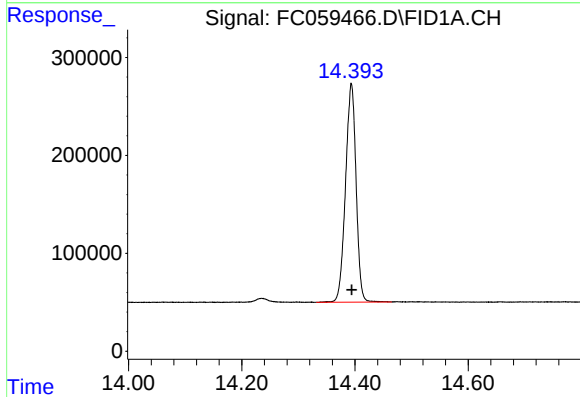
#13 n-Docosane (C22)

R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 2991847
Conc: 19.53 ug/ml

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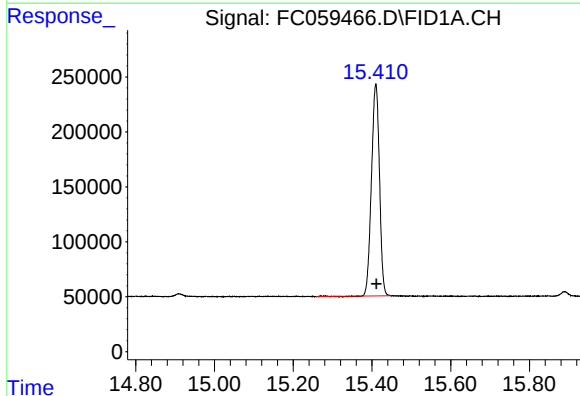
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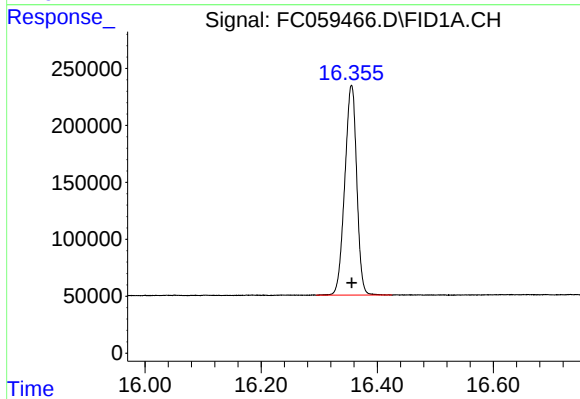
#14 n-Tetracosane (C24)

R.T.: 14.394 min
Delta R.T.: 0.000 min
Response: 2887063
Conc: 18.65 ug/ml



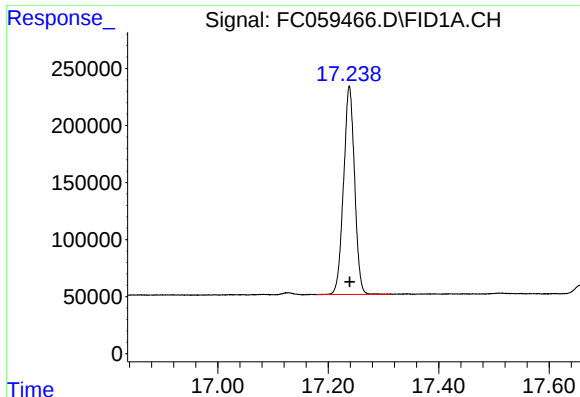
#15 n-Hexacosane (C26)

R.T.: 15.410 min
Delta R.T.: -0.001 min
Response: 2719038
Conc: 17.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.355 min
Delta R.T.: 0.000 min
Response: 2636638
Conc: 17.03 ug/ml



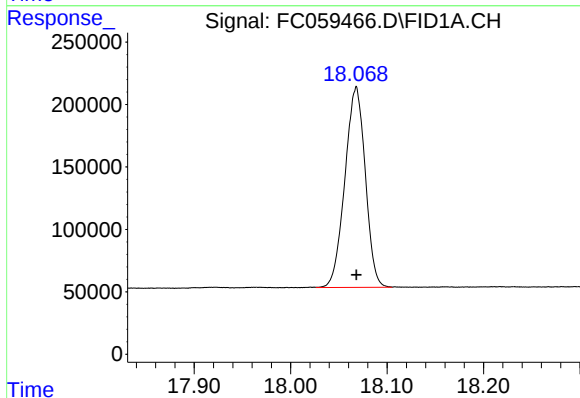
#17 n-Tricontane (C30)

R.T.: 17.238 min
Delta R.T.: 0.000 min
Response: 2530812
Conc: 16.66 ug/ml

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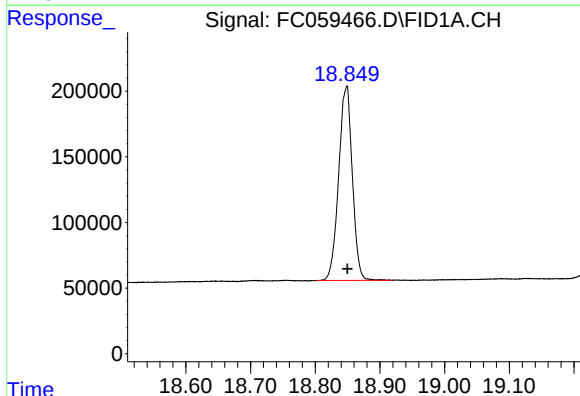
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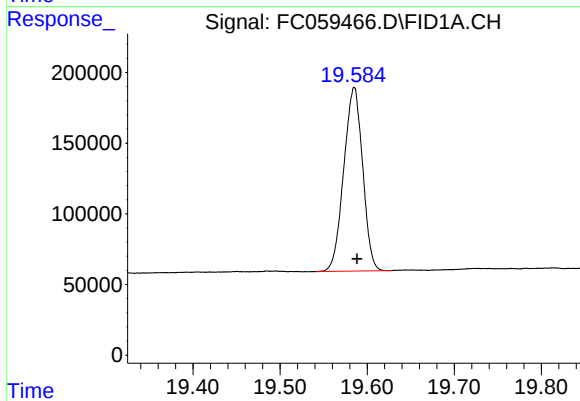
#18 n-Dotriacontane (C32)

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 2351915
Conc: 16.69 ug/ml m



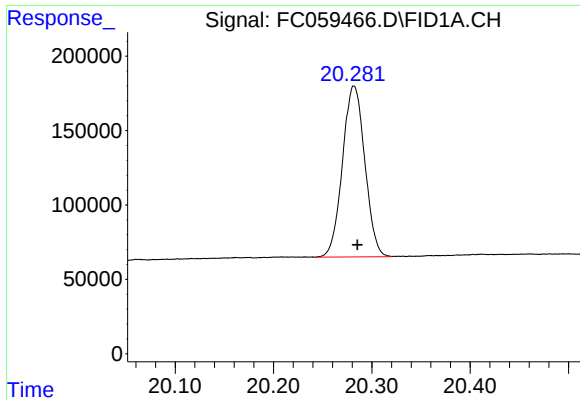
#19 n-Tetratriacontane (C34)

R.T.: 18.848 min
Delta R.T.: -0.002 min
Response: 2170838
Conc: 17.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.004 min
Response: 1957045
Conc: 17.89 ug/ml



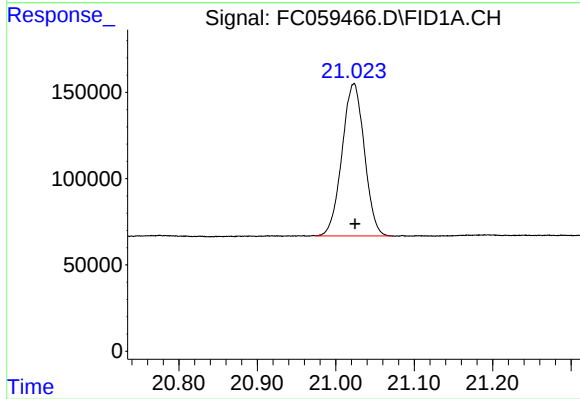
#21 n-Octatriacontane (C38)

R.T.: 20.281 min
Delta R.T.: -0.005 min
Response: 1817646
Conc: 19.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.023 min
Delta R.T.: -0.001 min
Response: 1745031
Conc: 20.89 ug/ml m