

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052122AL\
 Data File : FC059847.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2022 15:50
 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 05/21/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File: sample.E
 Quant Time: May 20 23:04:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.645	2696699	18.364 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
12) S 1-chlorooctadecane (S...	12.016	2125595	18.471 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
Target Compounds			
1) T n-Nonane (C9)	2.627	2341104	18.332 ug/ml
2) T n-Decane (C10)	3.625	2463775	19.454 ug/ml
3) T A~Naphthalene (C11.7)	5.160	2768349	18.801 ug/ml
4) T n-Dodecane (C12)	5.577	2565233	19.506 ug/ml
5) T A~2-methylnaphthalene...	6.183	2827188	18.808 ug/ml
6) T n-Tetradecane (C14)	7.328	2580535	19.178 ug/ml
7) T n-Hexadecane (C16)	8.892	2609343	19.017 ug/ml
8) T n-Octadecane (C18)	10.301	2592185	18.810 ug/ml
10) T n-Eicosane (C20)	11.581	2505749	18.631 ug/ml
11) T n-Heneicosane (C21)	12.179	2460285	18.442 ug/ml
13) T n-Docosane (C22)	12.752	2468462	18.809 ug/ml
14) T n-Tetracosane (C24)	13.830	2449618	19.469 ug/ml
15) T n-Hexacosane (C26)	14.828	2334873	19.550 ug/ml
16) T n-Octacosane (C28)	15.756	2397884	21.063 ug/ml
17) T n-Tricontane (C30)	16.623	2566718	23.350 ug/ml
18) T n-Dotriacontane (C32)	17.434	2523751	24.412 ug/mlm
19) T n-Tetratriacontane (C34)	18.201	2321972	23.783 ug/mlm
20) T n-Hexatriacontane (C36)	18.921	2037674	21.950 ug/mlm
21) T n-Octatriacontane (C38)	19.606	2049315	21.528 ug/mlm
22) T n-Tetracontane (C40)	20.255	1920329	20.286 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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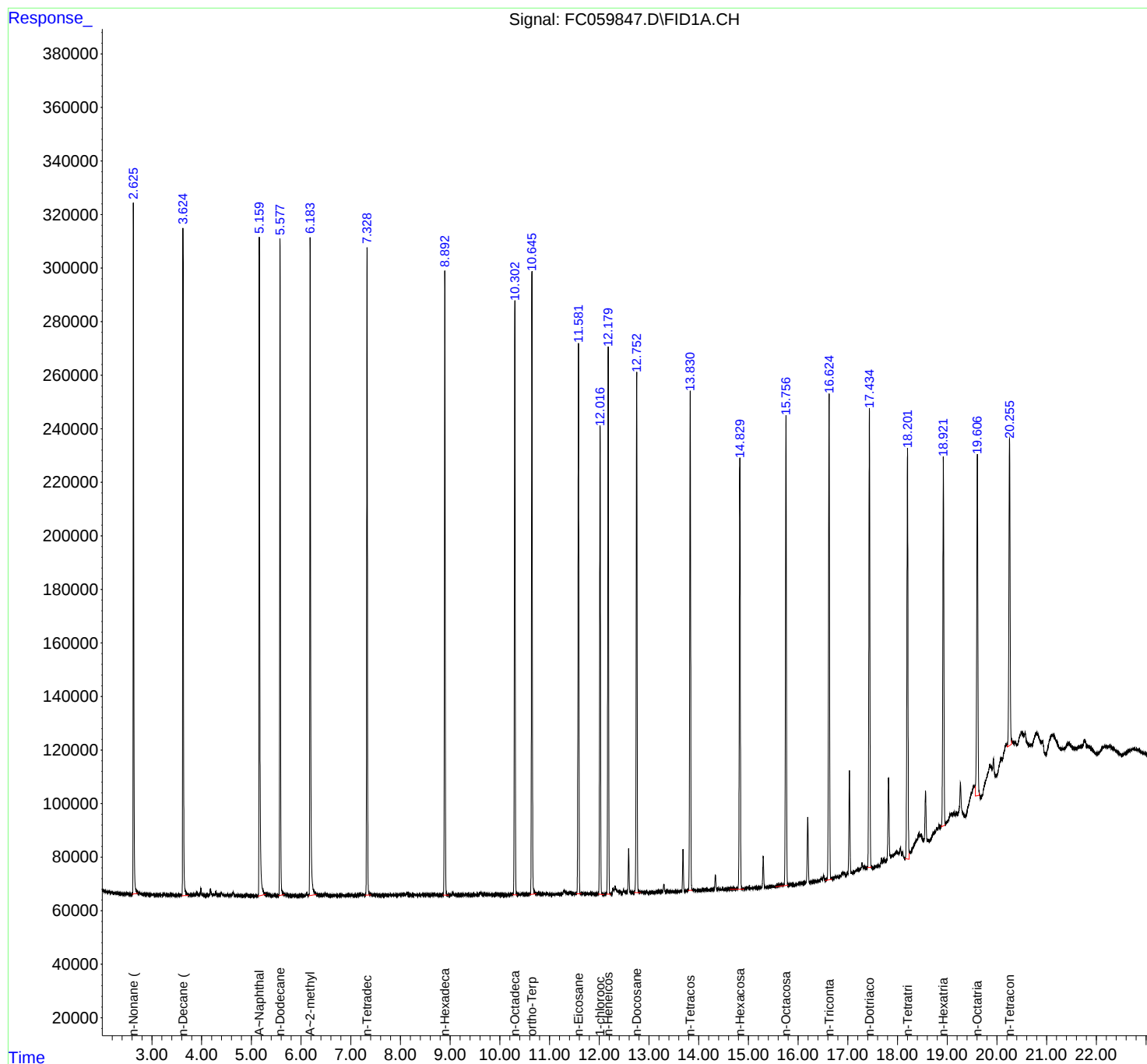
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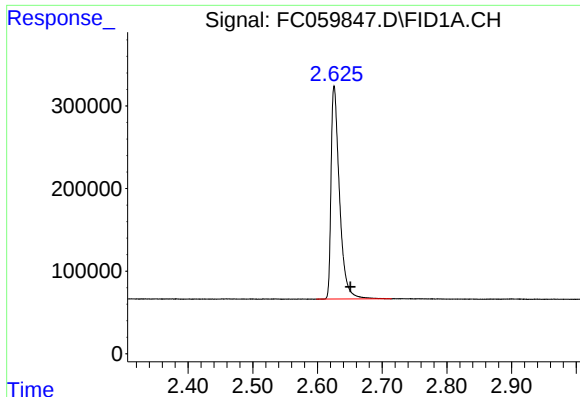
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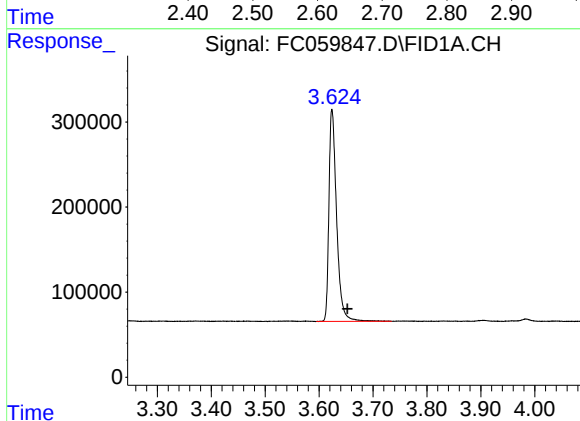
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.024 min
Response: 2341104
Conc: 18.33 ug/ml

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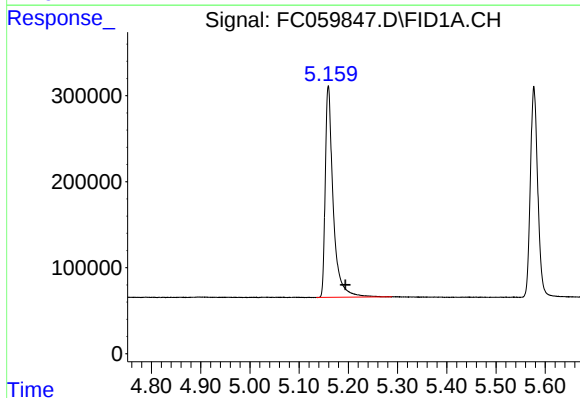
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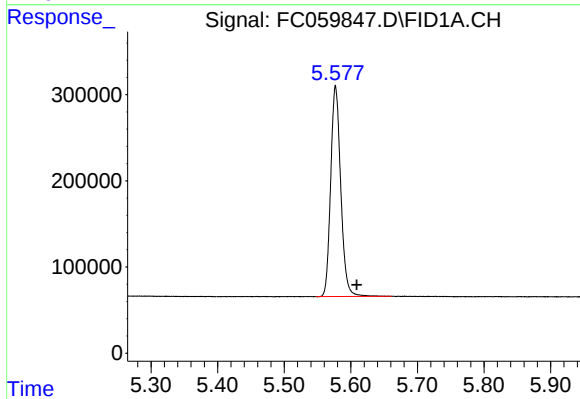
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.028 min
Response: 2463775
Conc: 19.45 ug/ml



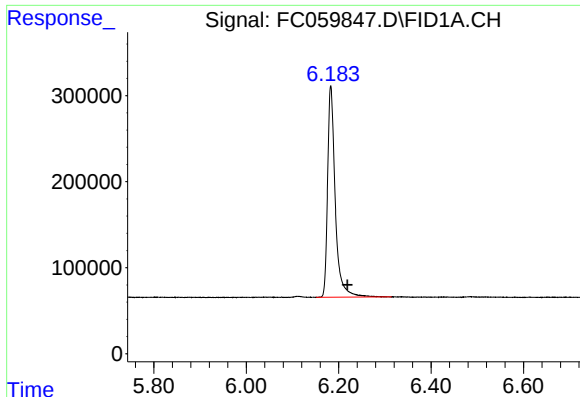
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.035 min
Response: 2768349
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.031 min
Response: 2565233
Conc: 19.51 ug/ml



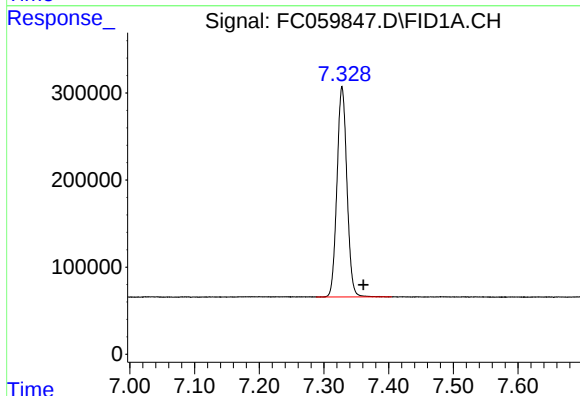
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min
Delta R.T.: -0.036 min
Response: 2827188
Conc: 18.81 ug/ml

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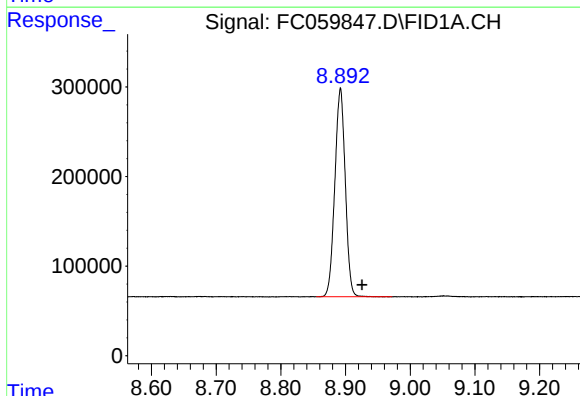
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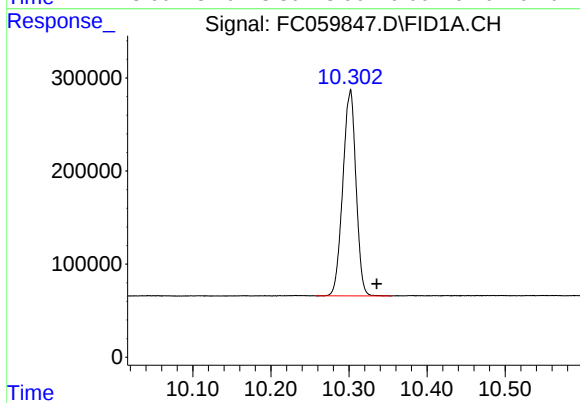
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.033 min
Response: 2580535
Conc: 19.18 ug/ml



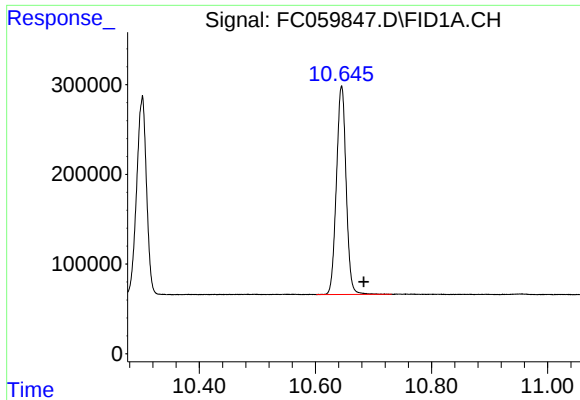
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.033 min
Response: 2609343
Conc: 19.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.034 min
Response: 2592185
Conc: 18.81 ug/ml



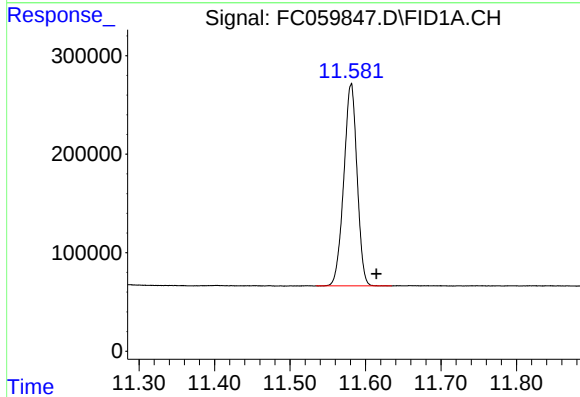
#9 ortho-Terphenyl (SURR)

R.T.: 10.645 min
Delta R.T.: -0.038 min
Response: 2696699
Conc: 18.36 ug/ml

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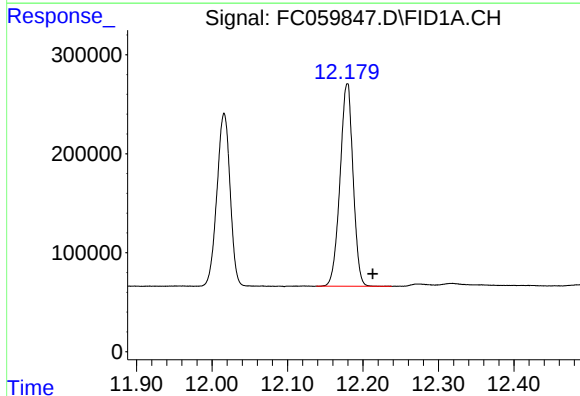
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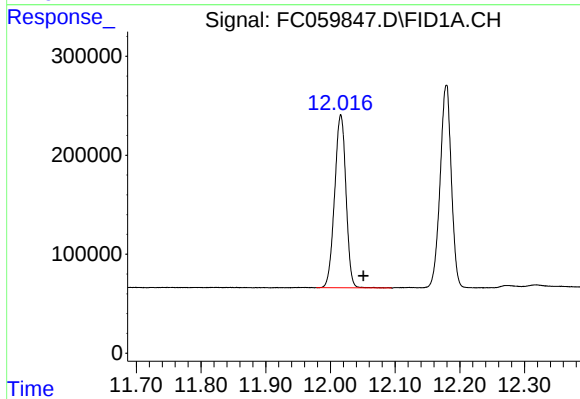
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.034 min
Response: 2505749
Conc: 18.63 ug/ml



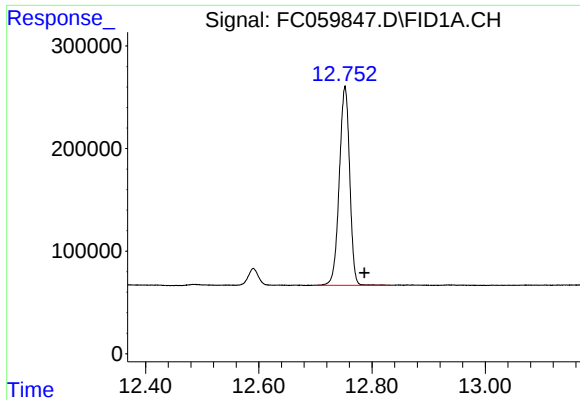
#11 n-Heneicosane (C21)

R.T.: 12.179 min
Delta R.T.: -0.034 min
Response: 2460285
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.035 min
Response: 2125595
Conc: 18.47 ug/ml



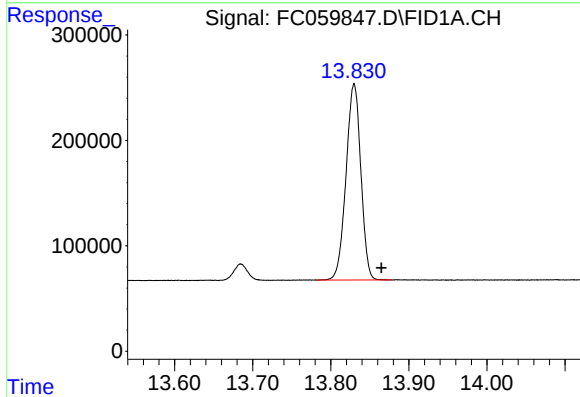
#13 n-Docosane (C22)

R.T.: 12.752 min
Delta R.T.: -0.034 min
Response: 2468462
Conc: 18.81 ug/ml

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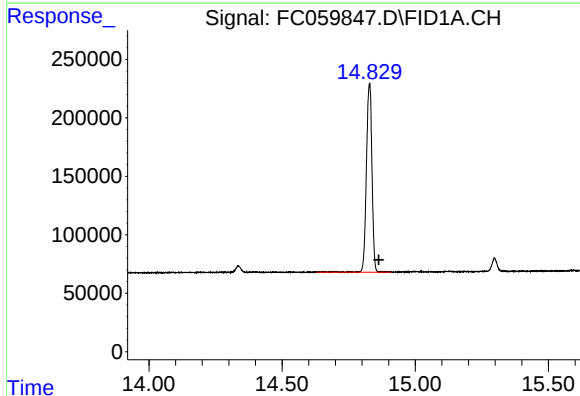
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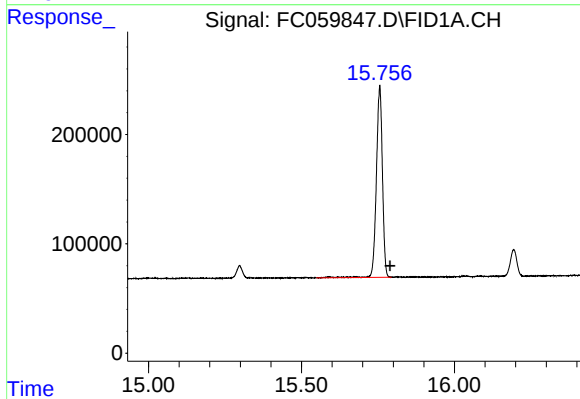
#14 n-Tetracosane (C24)

R.T.: 13.830 min
Delta R.T.: -0.035 min
Response: 2449618
Conc: 19.47 ug/ml



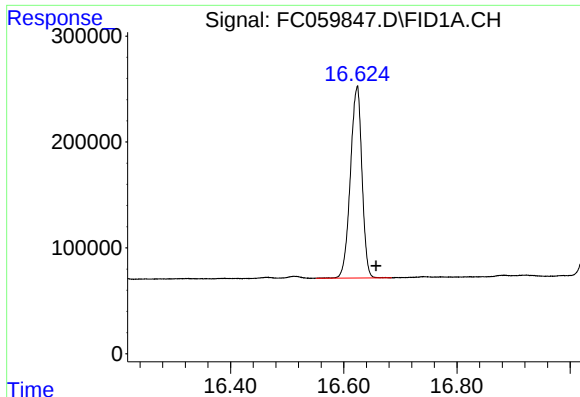
#15 n-Hexacosane (C26)

R.T.: 14.828 min
Delta R.T.: -0.035 min
Response: 2334873
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.756 min
Delta R.T.: -0.035 min
Response: 2397884
Conc: 21.06 ug/ml



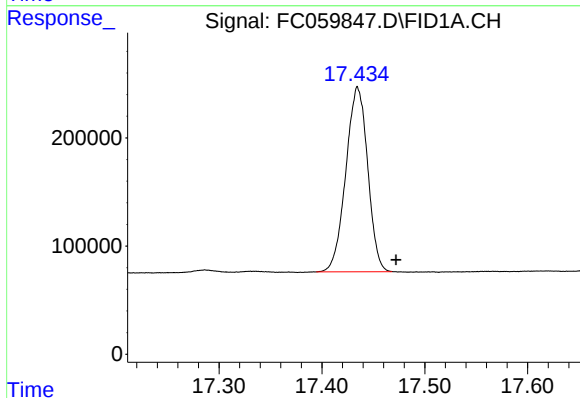
#17 n-Tricontane (C30)

R.T.: 16.623 min
Delta R.T.: -0.034 min
Response: 2566718
Conc: 23.35 ug/ml

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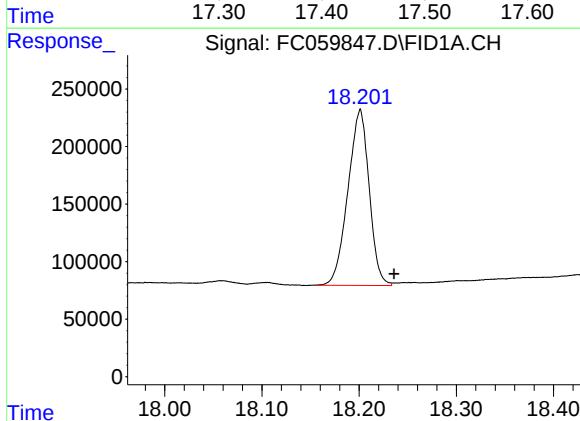
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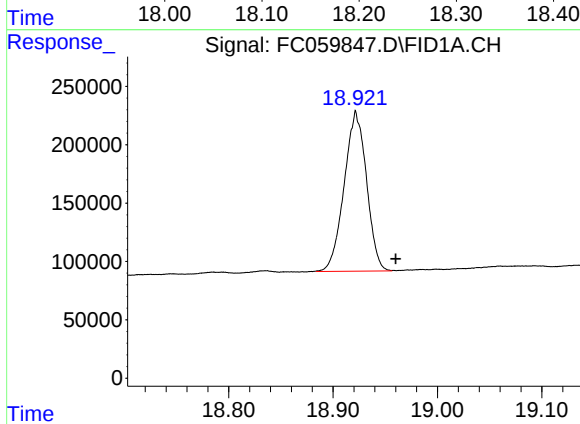
#18 n-Dotriacontane (C32)

R.T.: 17.434 min
Delta R.T.: -0.038 min
Response: 2523751
Conc: 24.41 ug/ml m



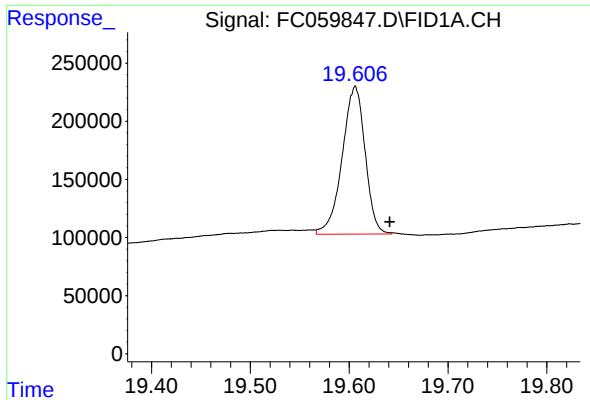
#19 n-Tetratriacontane (C34)

R.T.: 18.201 min
Delta R.T.: -0.035 min
Response: 2321972
Conc: 23.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.921 min
Delta R.T.: -0.039 min
Response: 2037674
Conc: 21.95 ug/ml m



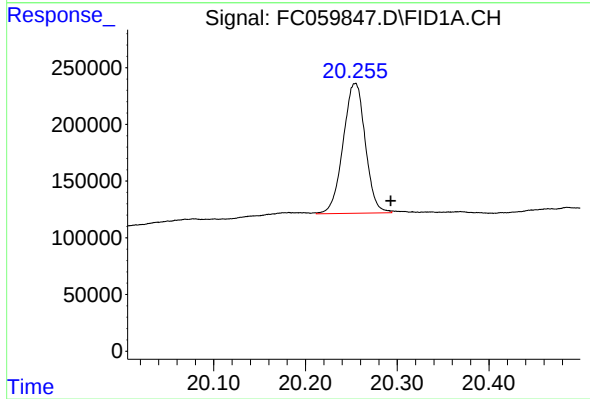
#21 n-Octatriacontane (C38)

R.T.: 19.606 min
Delta R.T.: -0.035 min
Response: 2049315
Conc: 21.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.255 min
Delta R.T.: -0.038 min
Response: 1920329
Conc: 20.29 ug/ml m