

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052522AL\
 Data File : FC059912.D
 Signal(s) : FID1A.CH
 Acq On : 25 May 2022 14:08
 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 05/26/2022
 Supervised By :Ankita Jodhani 05/26/2022

Integration File: sample.E
 Quant Time: May 26 00:43:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:57:57 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)	10.638	3216303	20.446 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
12) S 1-chlorooctadecane (S...	12.007	2580655	20.455 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
1) T n-Nonane (C9)	2.622	2659429	20.286 ug/ml
2) T n-Decane (C10)	3.620	2665937	20.552 ug/ml
3) T A~Naphthalene (C11.7)	5.157	3000496	20.535 ug/ml
4) T n-Dodecane (C12)	5.574	2760747	20.577 ug/ml
5) T A~2-methylnaphthalene...	6.181	3070799	20.458 ug/ml
6) T n-Tetradecane (C14)	7.323	2814056	20.613 ug/ml
7) T n-Hexadecane (C16)	8.886	2891738	20.551 ug/ml
8) T n-Octadecane (C18)	10.293	2951243	20.505 ug/ml
10) T n-Eicosane (C20)	11.572	2954360	20.450 ug/ml
11) T n-Heneicosane (C21)	12.170	2974345	20.509 ug/ml
13) T n-Docosane (C22)	12.742	2991888	20.507 ug/ml
14) T n-Tetracosane (C24)	13.819	2969050	20.334 ug/ml
15) T n-Hexacosane (C26)	14.815	2918410	20.309 ug/ml
16) T n-Octacosane (C28)	15.742	2835944	20.231 ug/ml
17) T n-Tricontane (C30)	16.609	2662602	19.931 ug/ml
18) T n-Dotriacontane (C32)	17.421	2480226	20.350 ug/ml
19) T n-Tetratriacontane (C34)	18.186	2131512	20.047 ug/ml
20) T n-Hexatriacontane (C36)	18.904	1968473	20.486 ug/mlm
21) T n-Octatriacontane (C38)	19.590	1873834	20.325 ug/ml
22) T n-Tetracontane (C40)	20.239	2030794	21.207 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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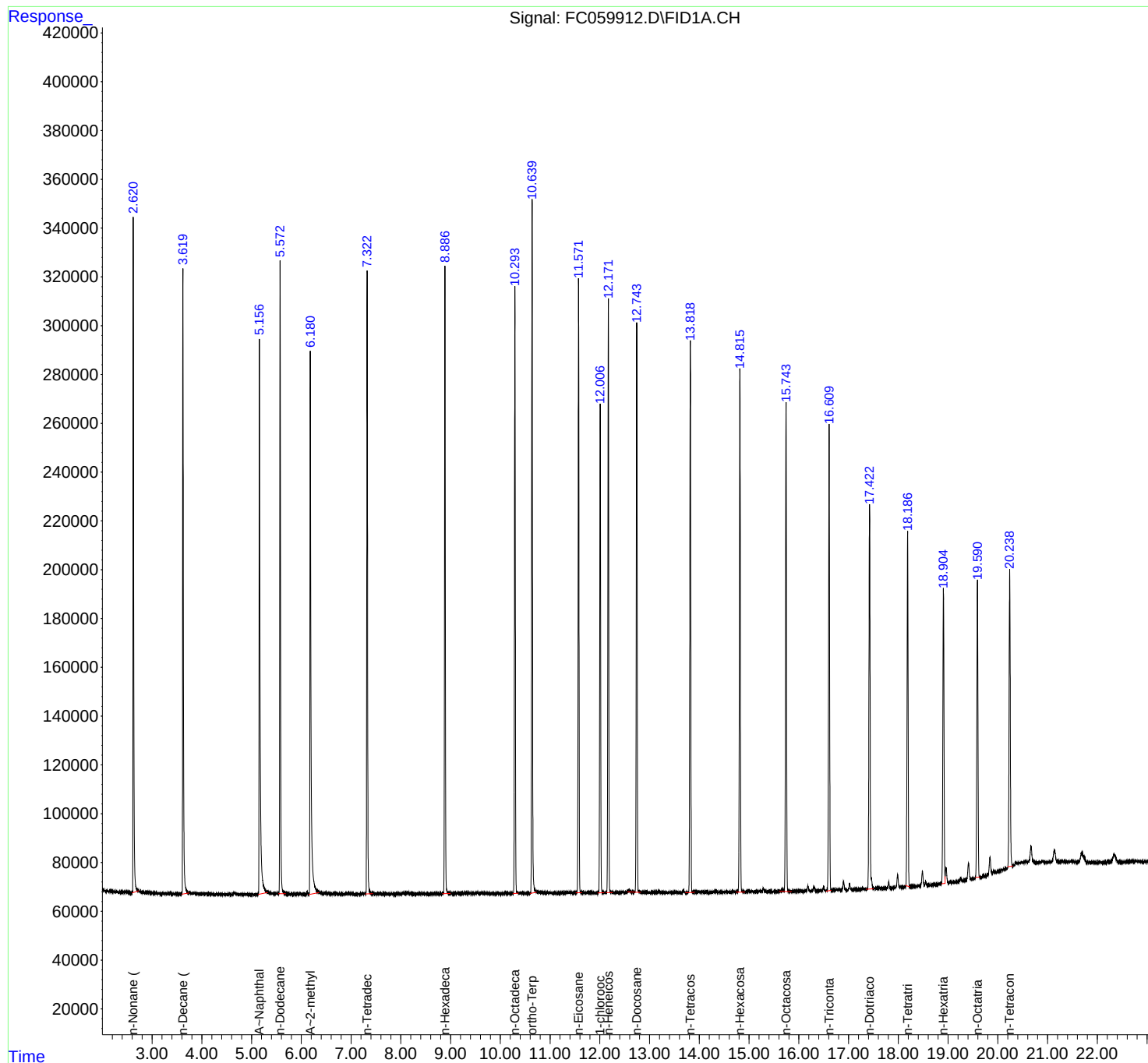
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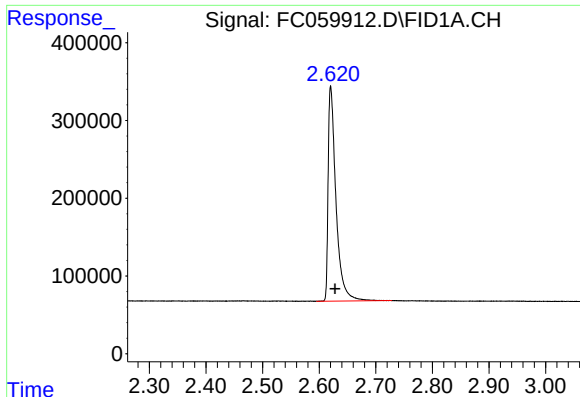
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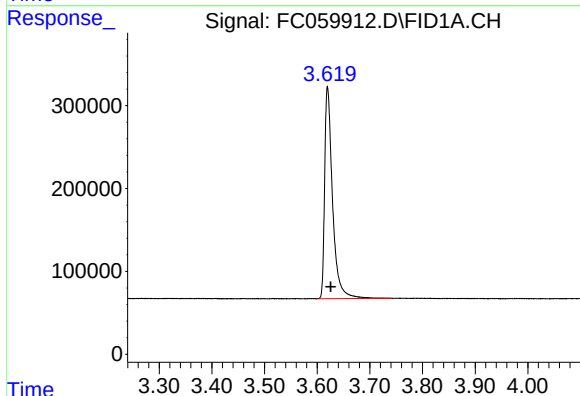
#1 n-Nonane (C9)

R.T.: 2.622 min
Delta R.T.: -0.006 min
Response: 2659429
Conc: 20.29 ug/ml

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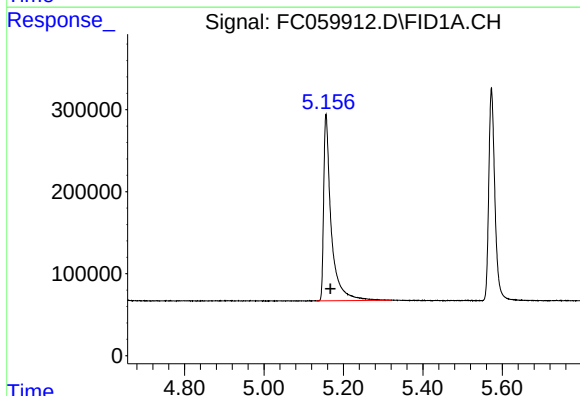
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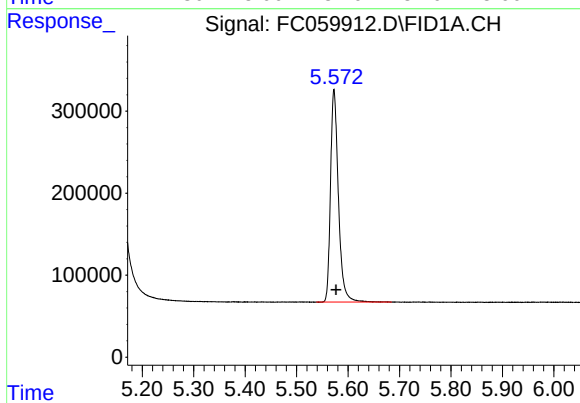
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.005 min
Response: 2665937
Conc: 20.55 ug/ml



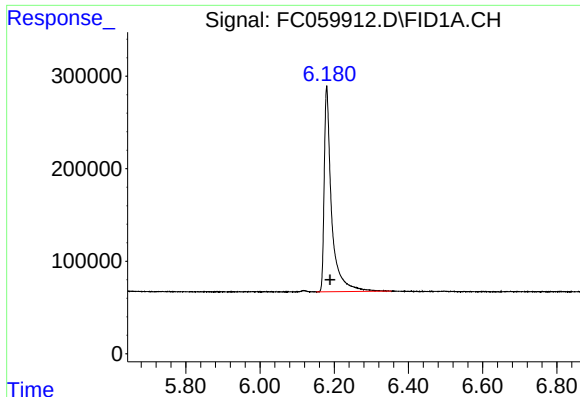
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 3000496
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.574 min
Delta R.T.: -0.003 min
Response: 2760747
Conc: 20.58 ug/ml



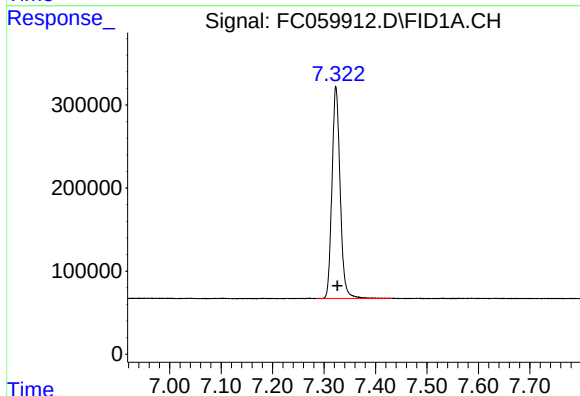
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.181 min
Delta R.T.: -0.008 min
Response: 3070799
Conc: 20.46 ug/ml

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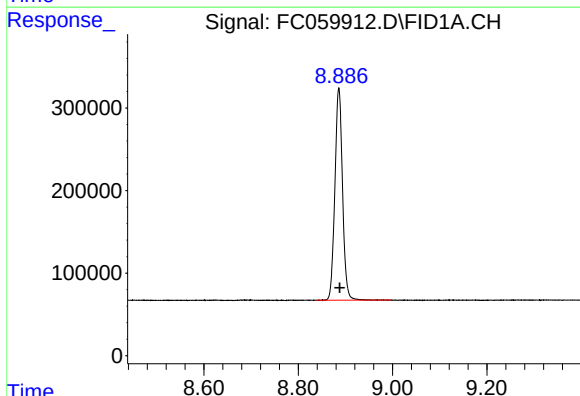
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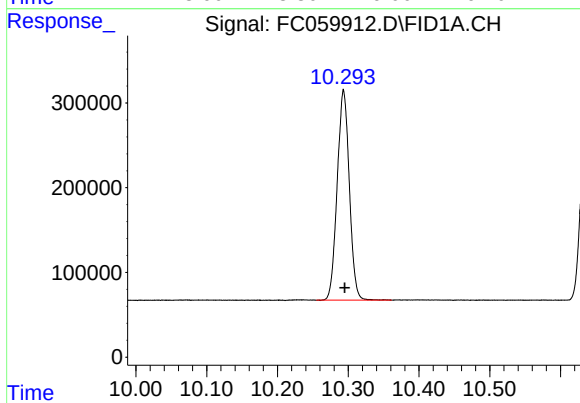
#6 n-Tetradecane (C14)

R.T.: 7.323 min
Delta R.T.: -0.003 min
Response: 2814056
Conc: 20.61 ug/ml



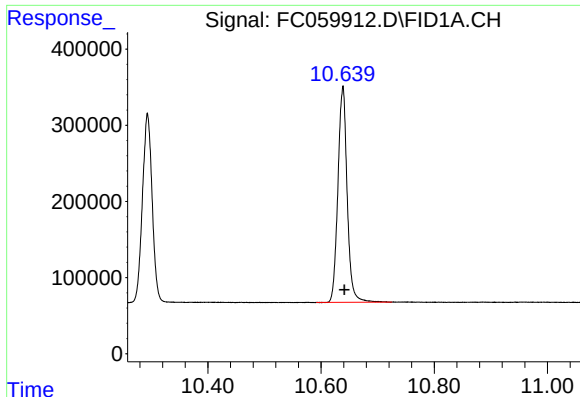
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 2891738
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.293 min
Delta R.T.: -0.002 min
Response: 2951243
Conc: 20.50 ug/ml



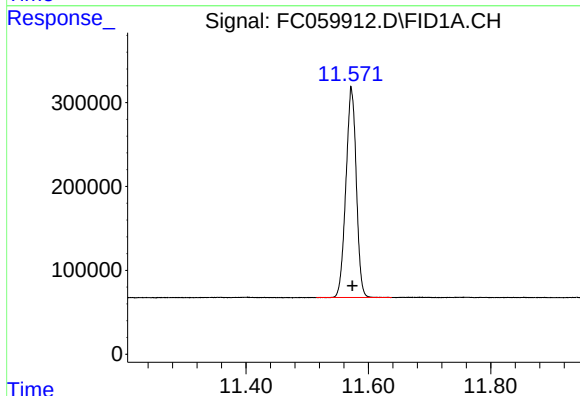
#9 ortho-Terphenyl (SURR)

R.T.: 10.638 min
Delta R.T.: -0.003 min
Response: 3216303
Conc: 20.45 ug/ml

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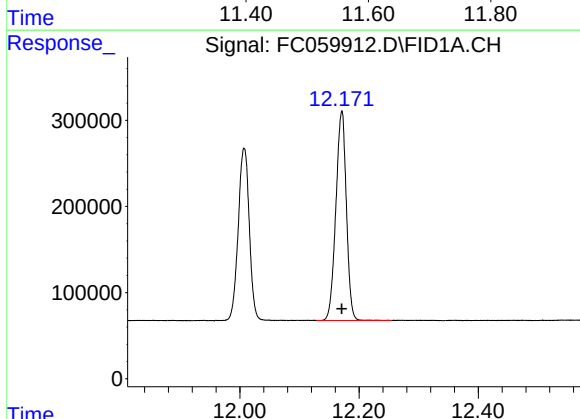
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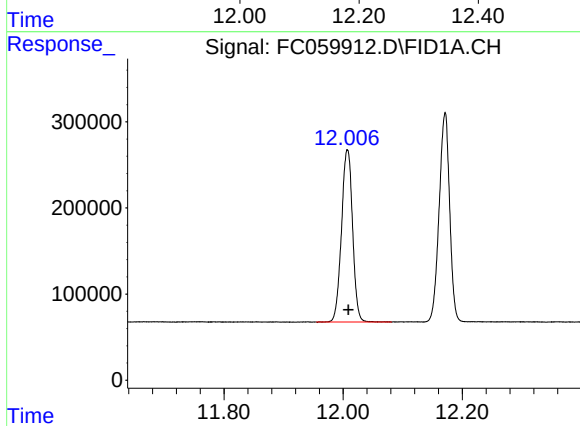
#10 n-Eicosane (C20)

R.T.: 11.572 min
Delta R.T.: -0.001 min
Response: 2954360
Conc: 20.45 ug/ml



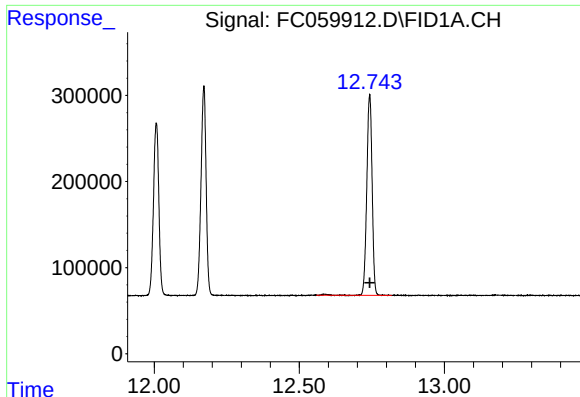
#11 n-Heneicosane (C21)

R.T.: 12.170 min
Delta R.T.: 0.000 min
Response: 2974345
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.007 min
Delta R.T.: -0.002 min
Response: 2580655
Conc: 20.45 ug/ml



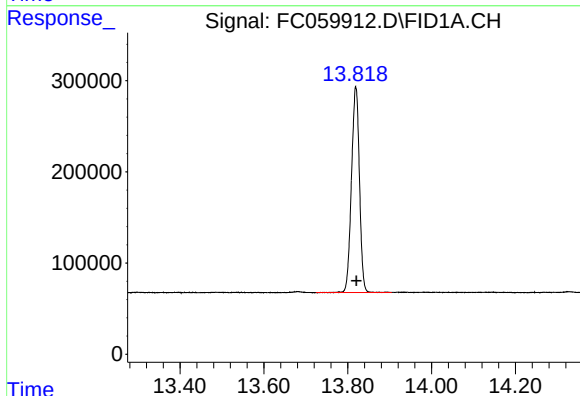
#13 n-Docosane (C22)

R.T.: 12.742 min
Delta R.T.: -0.001 min
Response: 2991888
Conc: 20.51 ug/ml

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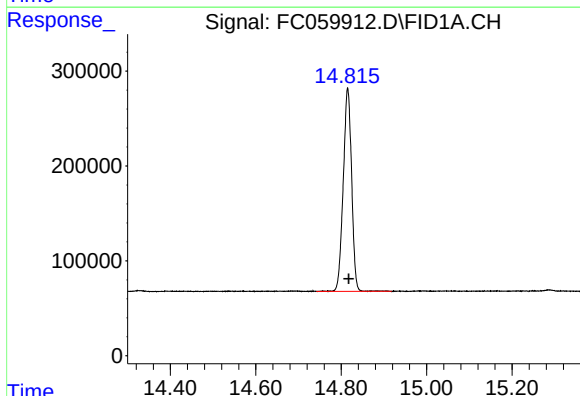
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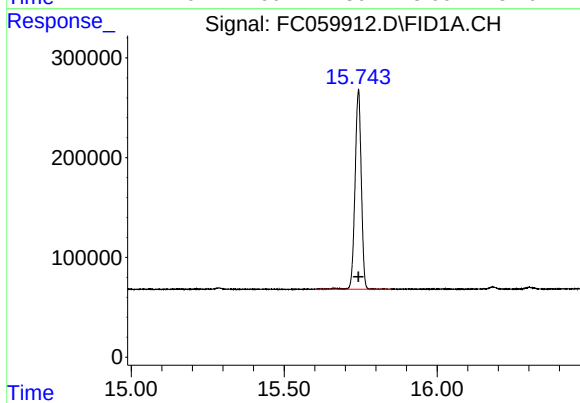
#14 n-Tetracosane (C24)

R.T.: 13.819 min
Delta R.T.: -0.001 min
Response: 2969050
Conc: 20.33 ug/ml



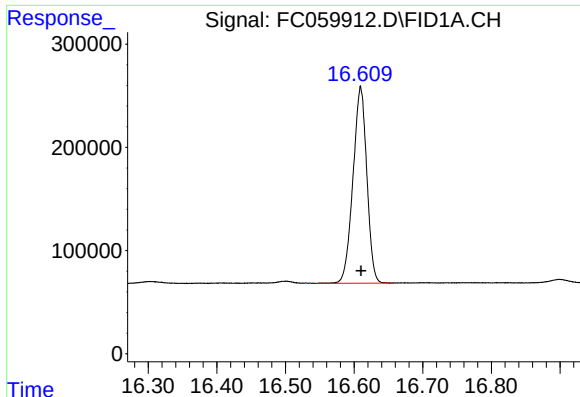
#15 n-Hexacosane (C26)

R.T.: 14.815 min
Delta R.T.: -0.002 min
Response: 2918410
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.742 min
Delta R.T.: 0.000 min
Response: 2835944
Conc: 20.23 ug/ml



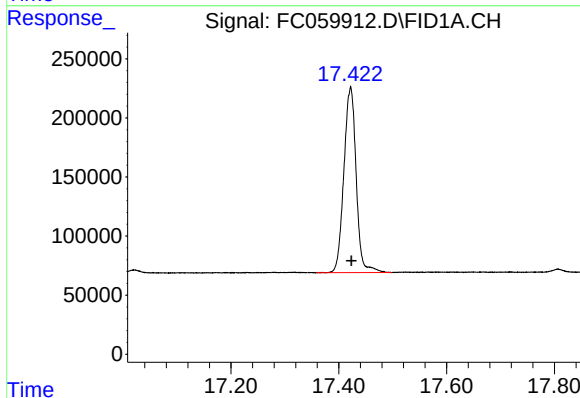
#17 n-Tricontane (C30)

R.T.: 16.609 min
Delta R.T.: -0.001 min
Response: 2662602
Conc: 19.93 ug/ml

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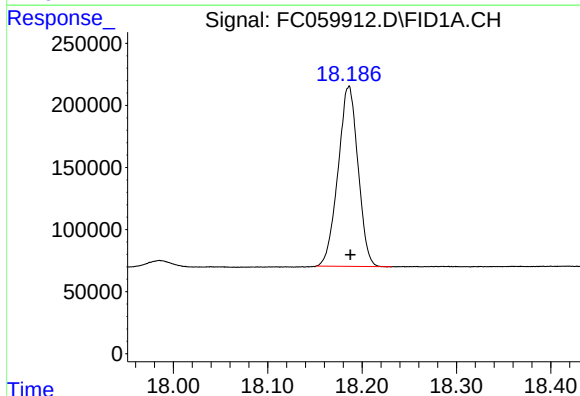
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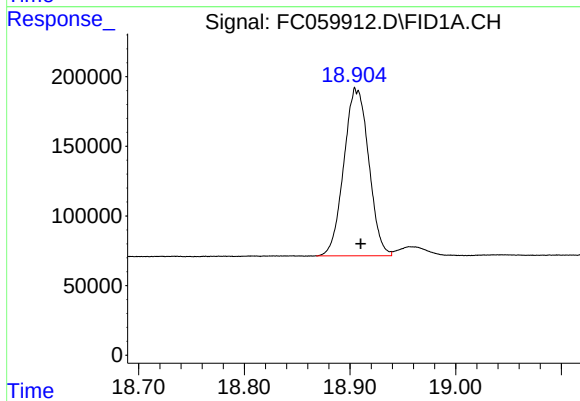
#18 n-Dotriacontane (C32)

R.T.: 17.421 min
Delta R.T.: -0.002 min
Response: 2480226
Conc: 20.35 ug/ml



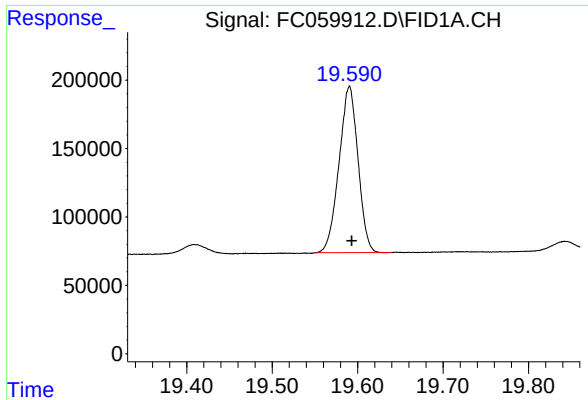
#19 n-Tetratriacontane (C34)

R.T.: 18.186 min
Delta R.T.: -0.002 min
Response: 2131512
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.904 min
Delta R.T.: -0.006 min
Response: 1968473
Conc: 20.49 ug/ml m



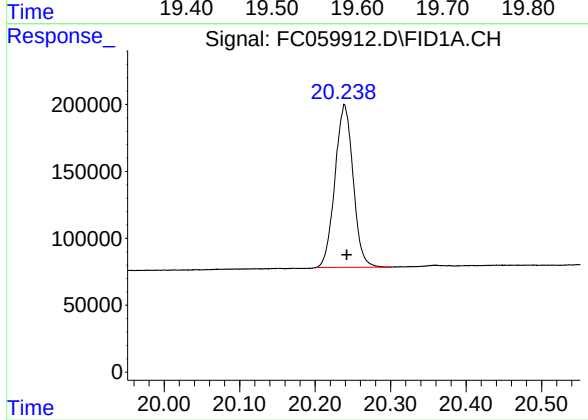
#21 n-Octatriacontane (C38)

R.T.: 19.590 min
Delta R.T.: -0.003 min
Response: 1873834
Conc: 20.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.239 min
Delta R.T.: -0.003 min
Response: 2030794
Conc: 21.21 ug/ml