

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052122AL\
 Data File : FC059867.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2022 6:32
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 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 21 06:56:55 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)	10.646	2540670	17.302 ug/ml
Spiked Amount 50.000		Recovery =	34.60%
12) S 1-chlorooctadecane (S...	12.016	1985943	17.257 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T n-Nonane (C9)	2.623	2376018	18.606 ug/ml
2) T n-Decane (C10)	3.622	2383967	18.824 ug/ml
3) T A~Naphthalene (C11.7)	5.160	2700663	18.341 ug/ml
4) T n-Dodecane (C12)	5.577	2457487	18.687 ug/ml
5) T A~2-methylnaphthalene...	6.184	2729352	18.157 ug/ml
6) T n-Tetradecane (C14)	7.329	2466475	18.330 ug/ml
7) T n-Hexadecane (C16)	8.893	2474764	18.036 ug/ml
8) T n-Octadecane (C18)	10.302	2466487	17.898 ug/ml
10) T n-Eicosane (C20)	11.582	2384378	17.728 ug/ml
11) T n-Heneicosane (C21)	12.180	2325163	17.430 ug/ml
13) T n-Docosane (C22)	12.753	2520420	19.205 ug/ml
14) T n-Tetracosane (C24)	13.831	2599898	20.663 ug/ml
15) T n-Hexacosane (C26)	14.830	2498906	20.924 ug/ml
16) T n-Octacosane (C28)	15.758	2581866	22.679 ug/ml
17) T n-Tricontane (C30)	16.625	2632978	23.953 ug/ml
18) T n-Dotriacontane (C32)	17.437	2467736	23.870 ug/mlm
19) T n-Tetratriacontane (C34)	18.203	2205456	22.590 ug/mlm
20) T n-Hexatriacontane (C36)	18.925	1961261	21.127 ug/mlm
21) T n-Octatriacontane (C38)	19.609	2161751	22.709 ug/mlm
22) T n-Tetracontane (C40)	20.256	1733431	18.311 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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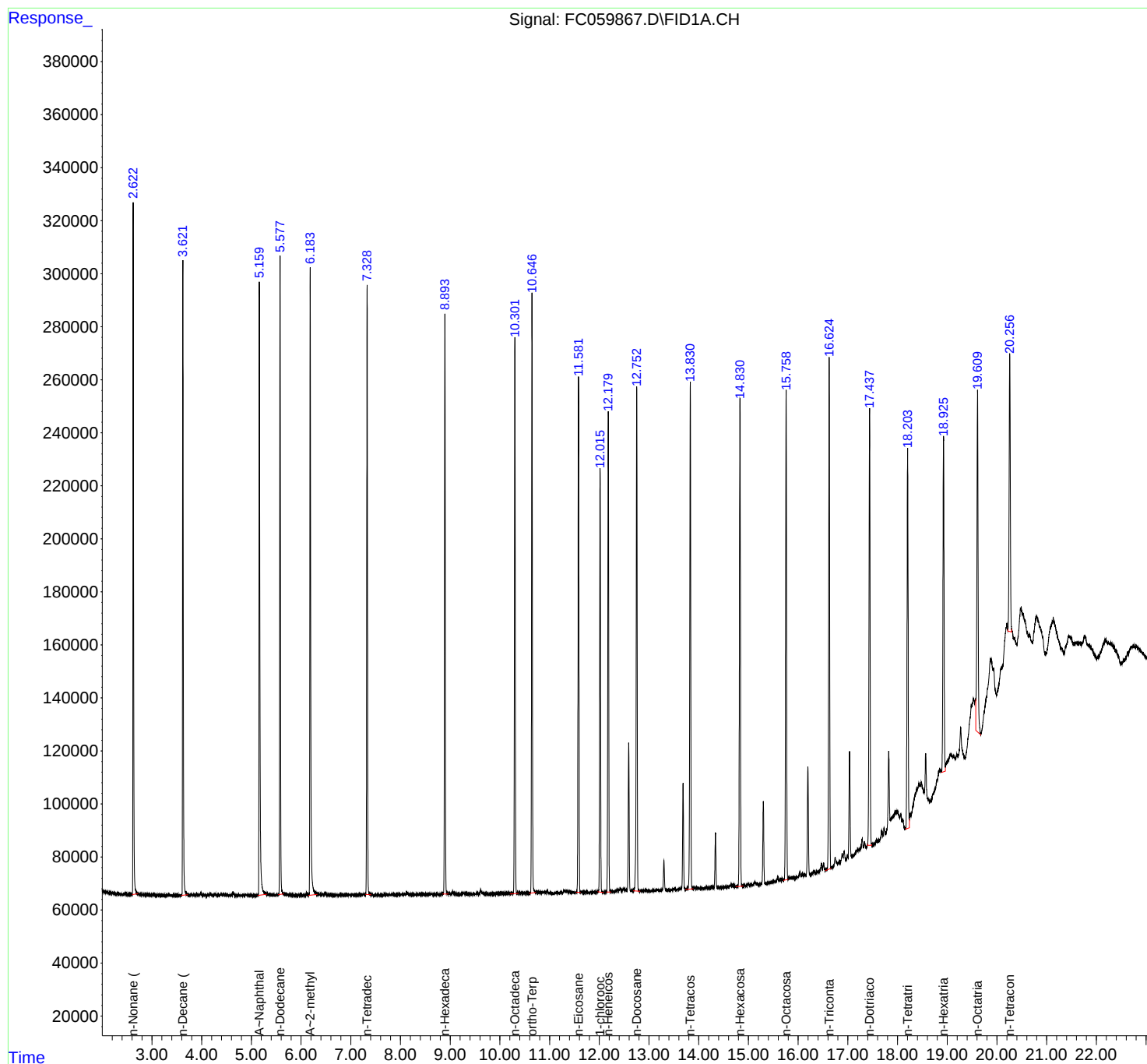
Instrument :
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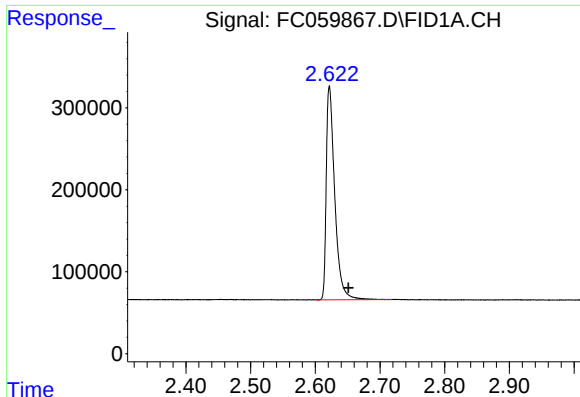
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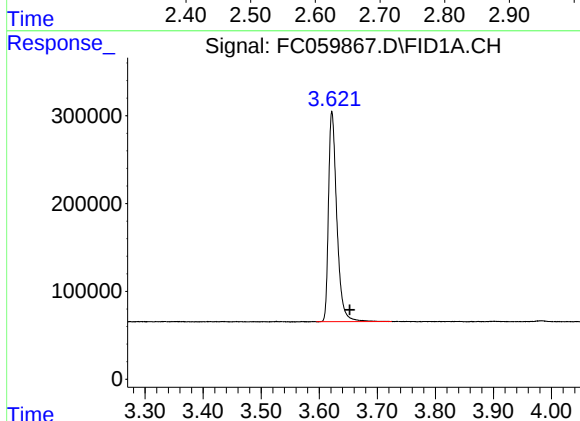
#1 n-Nonane (C9)

R.T.: 2.623 min
Delta R.T.: -0.028 min
Response: 2376018
Conc: 18.61 ug/ml

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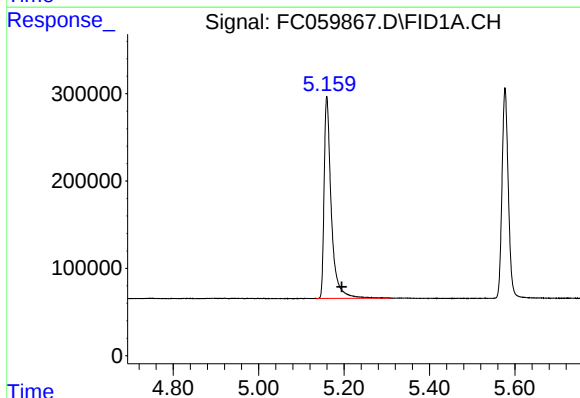
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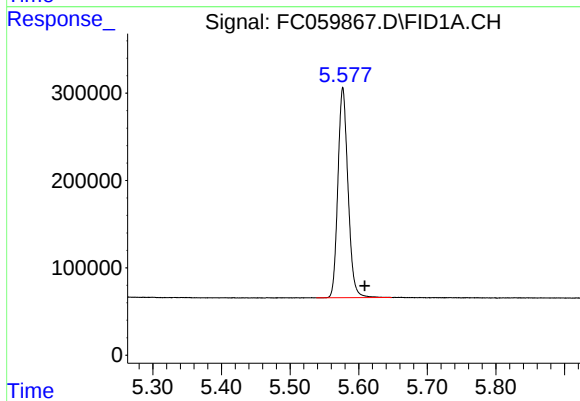
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: -0.030 min
Response: 2383967
Conc: 18.82 ug/ml



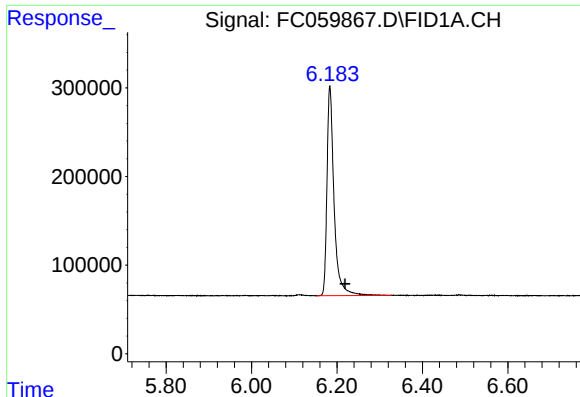
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.034 min
Response: 2700663
Conc: 18.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.032 min
Response: 2457487
Conc: 18.69 ug/ml



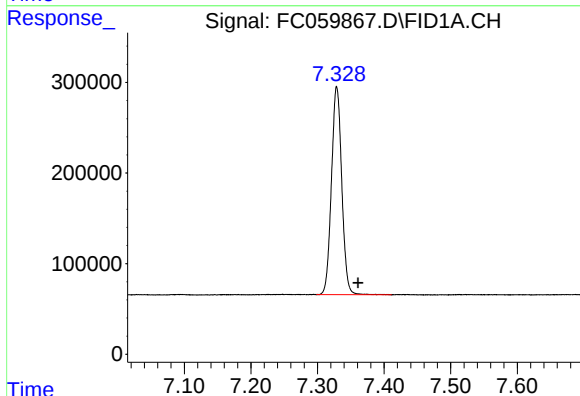
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.035 min
Response: 2729352
Conc: 18.16 ug/ml

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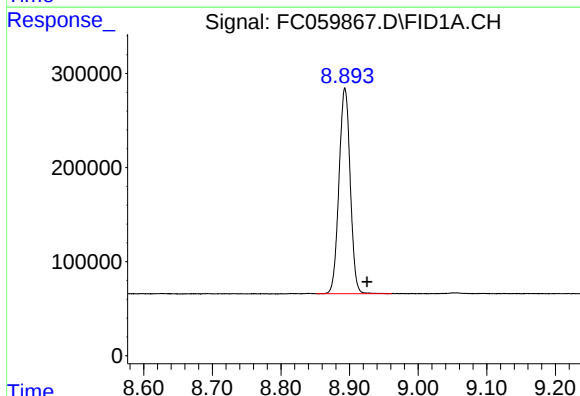
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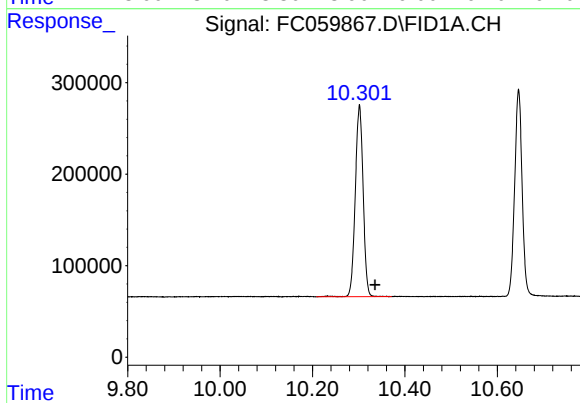
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.032 min
Response: 2466475
Conc: 18.33 ug/ml



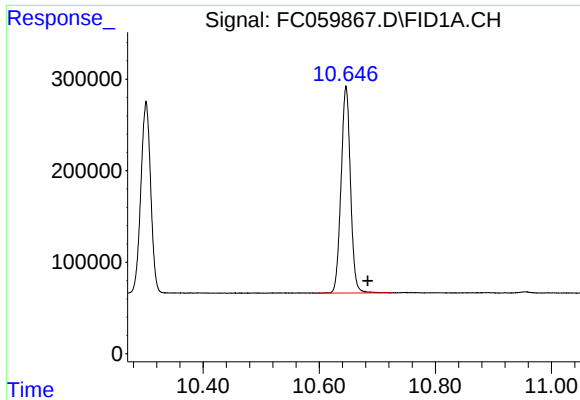
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.032 min
Response: 2474764
Conc: 18.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.302 min
Delta R.T.: -0.034 min
Response: 2466487
Conc: 17.90 ug/ml



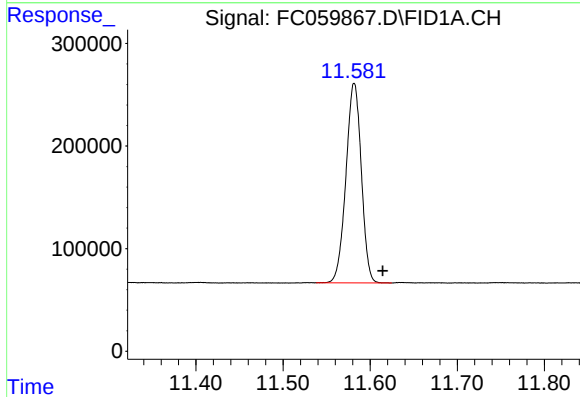
#9 ortho-Terphenyl (SURR)

R.T.: 10.646 min
Delta R.T.: -0.037 min
Response: 2540670
Conc: 17.30 ug/ml

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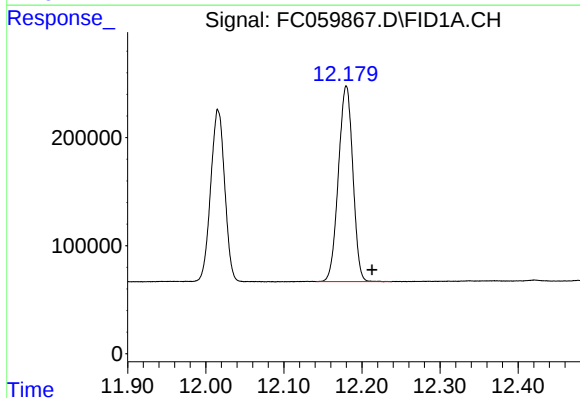
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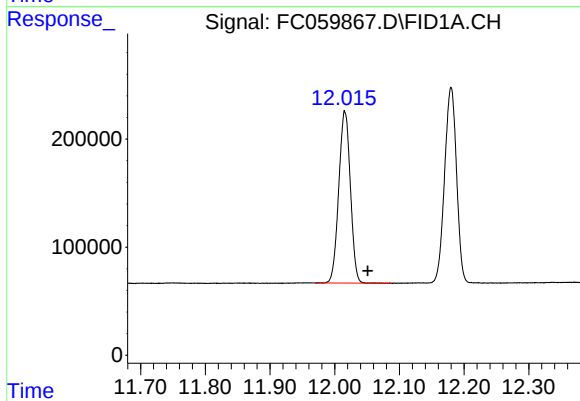
#10 n-Eicosane (C20)

R.T.: 11.582 min
Delta R.T.: -0.033 min
Response: 2384378
Conc: 17.73 ug/ml



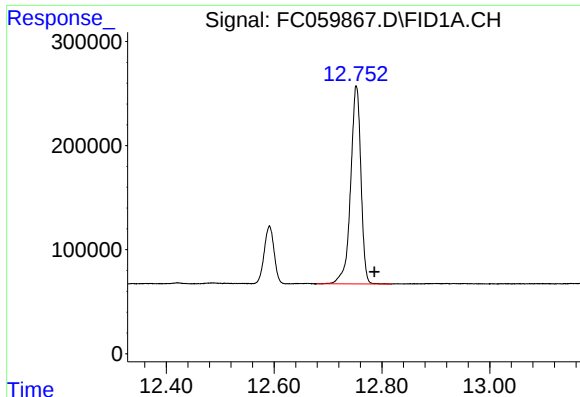
#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.033 min
Response: 2325163
Conc: 17.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.035 min
Response: 1985943
Conc: 17.26 ug/ml



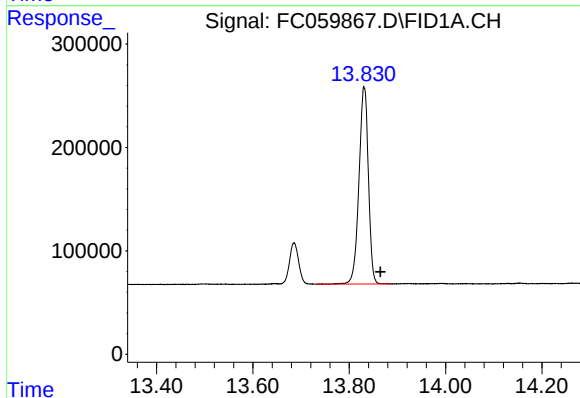
#13 n-Docosane (C22)

R.T.: 12.753 min
Delta R.T.: -0.034 min
Response: 2520420
Conc: 19.20 ug/ml

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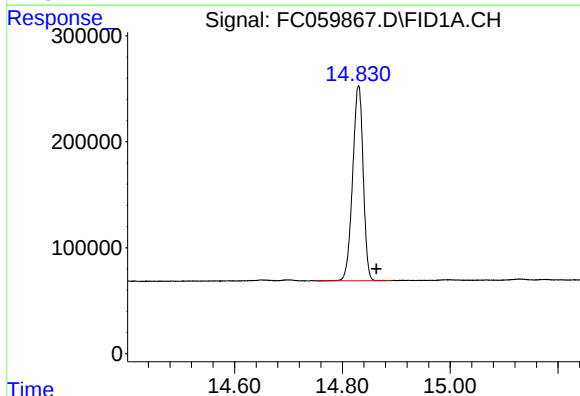
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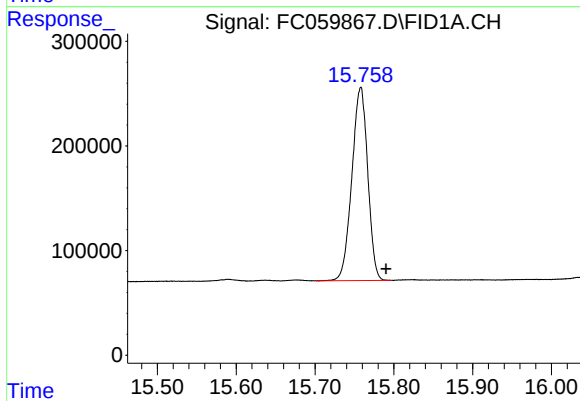
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.034 min
Response: 2599898
Conc: 20.66 ug/ml



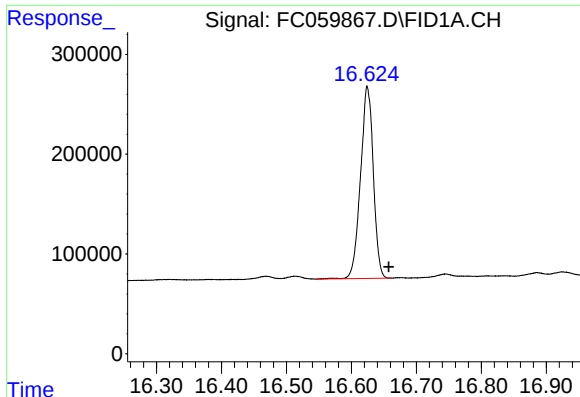
#15 n-Hexacosane (C26)

R.T.: 14.830 min
Delta R.T.: -0.033 min
Response: 2498906
Conc: 20.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.758 min
Delta R.T.: -0.033 min
Response: 2581866
Conc: 22.68 ug/ml



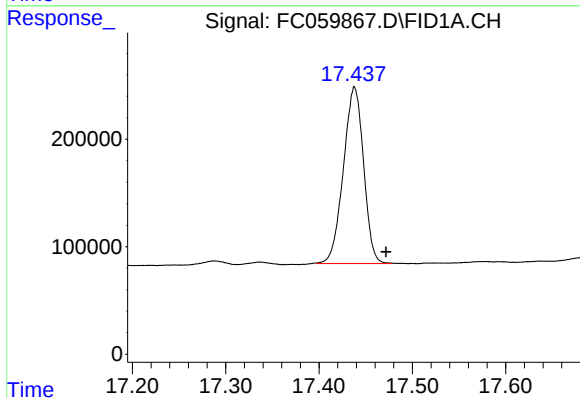
#17 n-Tricontane (C30)

R.T.: 16.625 min
Delta R.T.: -0.032 min
Response: 2632978
Conc: 23.95 ug/ml

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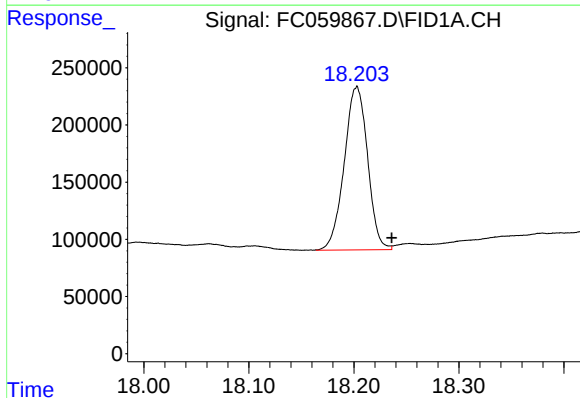
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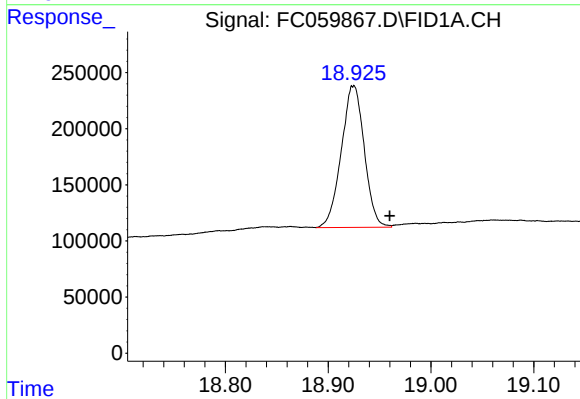
#18 n-Dotriacontane (C32)

R.T.: 17.437 min
Delta R.T.: -0.035 min
Response: 2467736
Conc: 23.87 ug/ml m



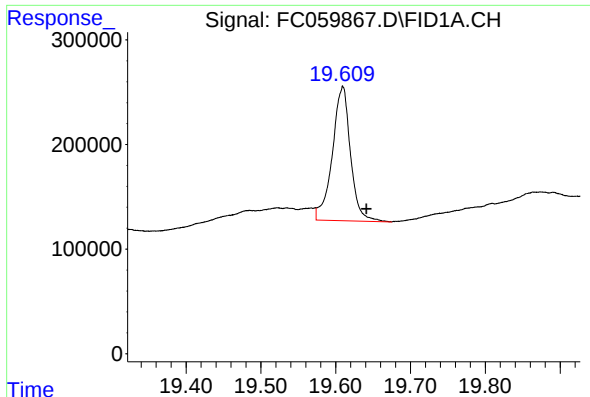
#19 n-Tetratriacontane (C34)

R.T.: 18.203 min
Delta R.T.: -0.033 min
Response: 2205456
Conc: 22.59 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.925 min
Delta R.T.: -0.035 min
Response: 1961261
Conc: 21.13 ug/ml m



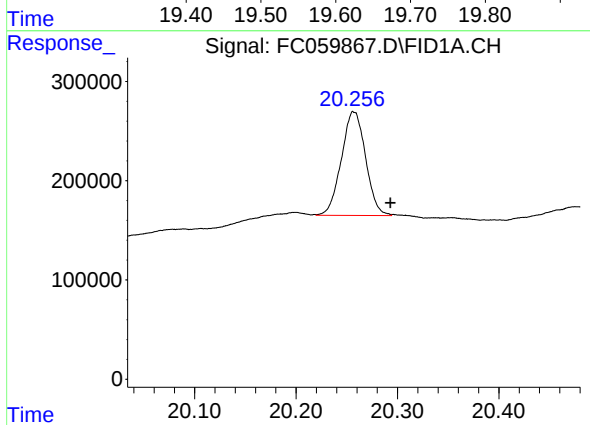
#21 n-Octatriacontane (C38)

R.T.: 19.609 min
Delta R.T.: -0.032 min
Response: 2161751
Conc: 22.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.256 min
Delta R.T.: -0.037 min
Response: 1733431
Conc: 18.31 ug/ml m