

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060225AL\
 Data File : FC069058.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jun 2025 16:57
 Operator : YP/AJ
 Sample : Q2159-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP05-MHO-WCMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File: autoint1.e
 Quant Time: Jun 03 07:37:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.679	5223799	42.351 ug/ml
Spiked Amount 50.000		Recovery =	84.70%
12) S 1-chlorooctadecane (S...	13.115	4108068	45.791 ug/ml
Spiked Amount 50.000		Recovery =	91.58%
Target Compounds			
1) T n-Nonane (C9)	3.401	2848981	26.846 ug/ml
2) T n-Decane (C10)	4.477	3179735	30.024 ug/mlm
3) T A~Naphthalene (C11.7)	6.073	3781285	32.700 ug/ml
4) T n-Dodecane (C12)	6.504	3283866	31.239 ug/ml
5) T A~2-methylnaphthalene...	7.133	3521772	31.064 ug/ml
6) T n-Tetradecane (C14)	8.306	3302000	32.214 ug/ml
7) T n-Hexadecane (C16)	9.910	3528345	34.773 ug/ml
8) T n-Octadecane (C18)	11.355	3664077	36.661 ug/mlm
10) T n-Eicosane (C20)	12.669	3771799	38.726 ug/ml
11) T n-Heneicosane (C21)	13.281	3615505	37.563 ug/ml
13) T n-Docosane (C22)	13.869	3583489	37.614 ug/ml
14) T n-Tetracosane (C24)	14.963	7645001	81.198 ug/ml
15) T n-Hexacosane (C26)	15.998	3537969	38.108 ug/ml
16) T n-Octacosane (C28)	16.949	3540186	38.086 ug/ml
17) T n-Tricontane (C30)	17.839	3520398	36.384 ug/ml
18) T n-Dotriacontane (C32)	18.673	3562219	35.946 ug/ml
19) T n-Tetratriacontane (C34)	19.459	3675270	38.133 ug/ml
20) T n-Hexatriacontane (C36)	20.200	3598292	37.905 ug/ml
21) T n-Octatriacontane (C38)	20.971	3604329	39.506 ug/ml
22) T n-Tetracontane (C40)	21.939	3423106	38.795 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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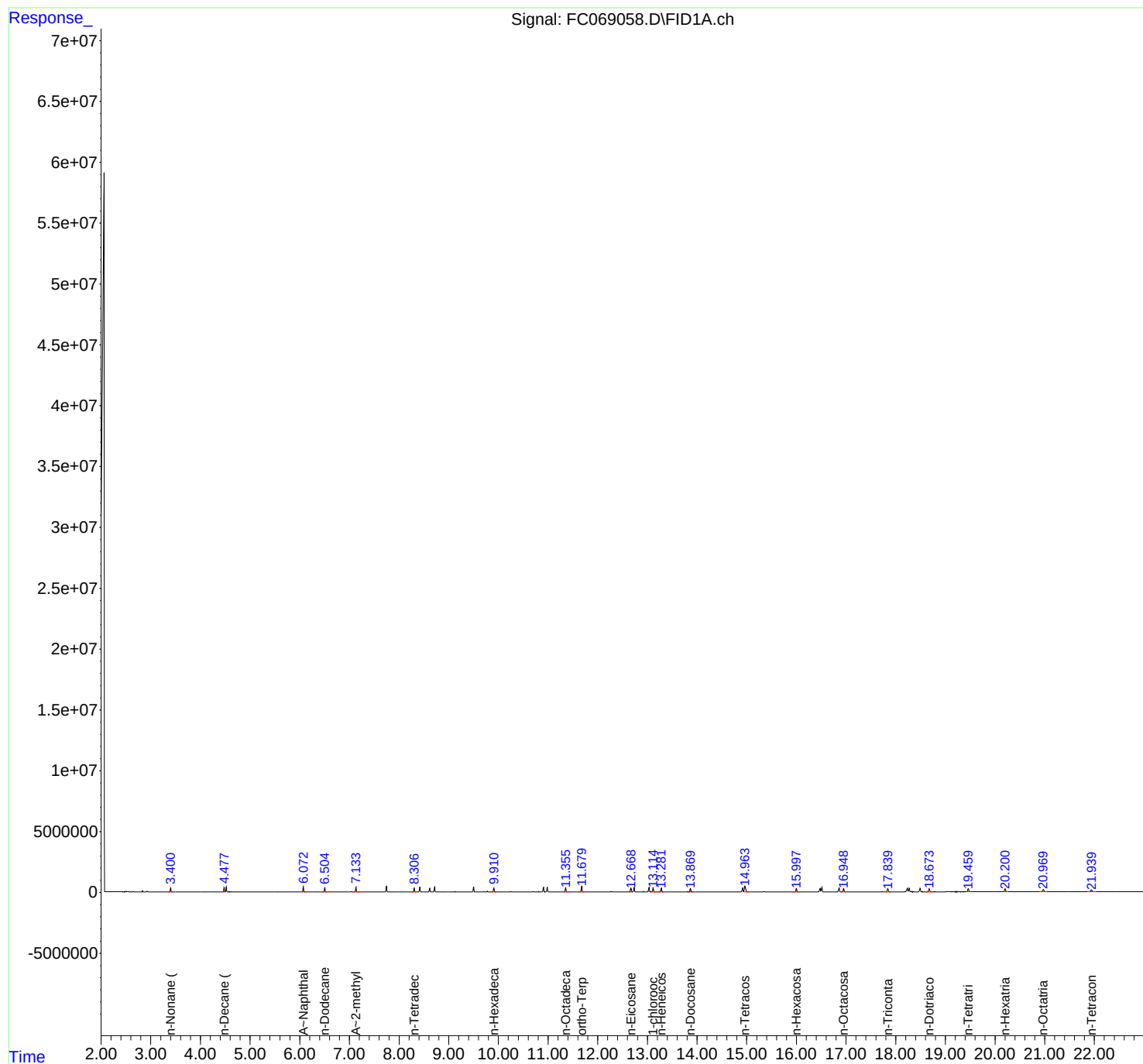
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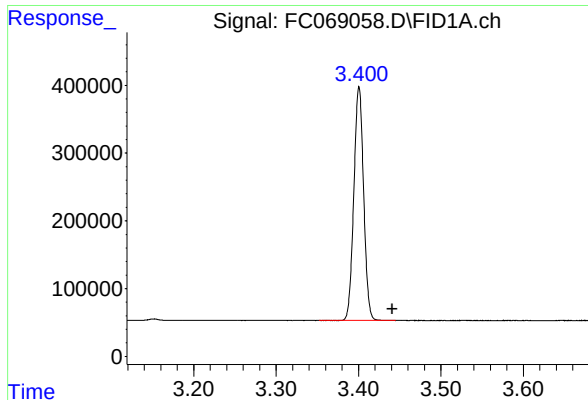
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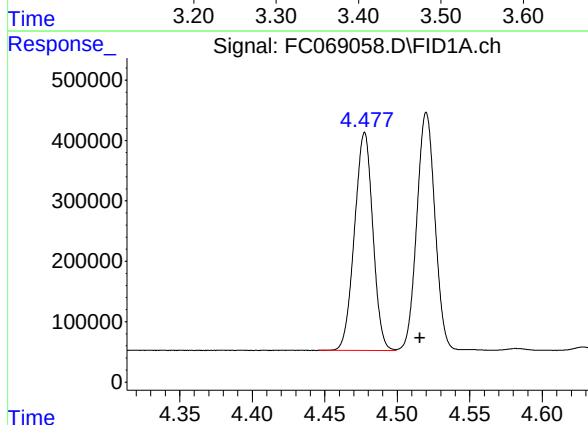
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.040 min
Response: 2848981
Conc: 26.85 ug/ml

Instrument :
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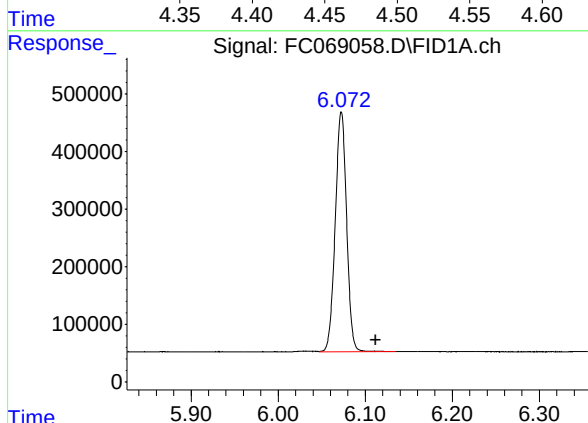
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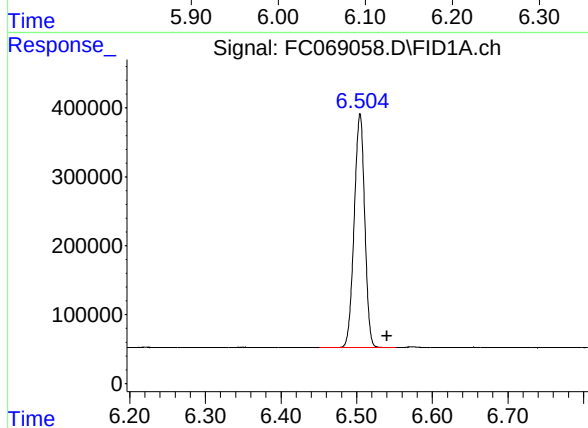
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.038 min
Response: 3179735
Conc: 30.02 ug/ml m



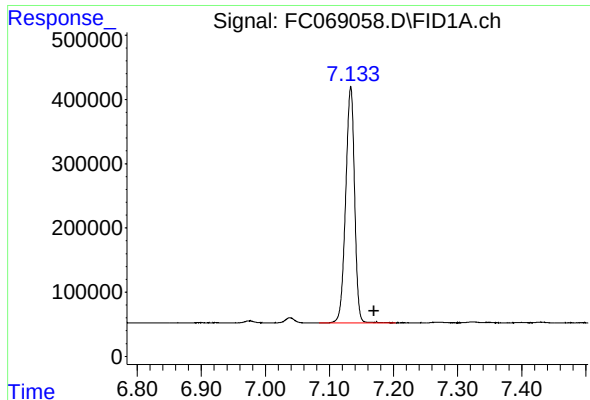
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.039 min
Response: 3781285
Conc: 32.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: -0.035 min
Response: 3283866
Conc: 31.24 ug/ml



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

R.T.: 7.133 min
Delta R.T.: -0.037 min
Response: 3521772
Conc: 31.06 ug/ml

Instrument :

FID_C

ClientSampleId :

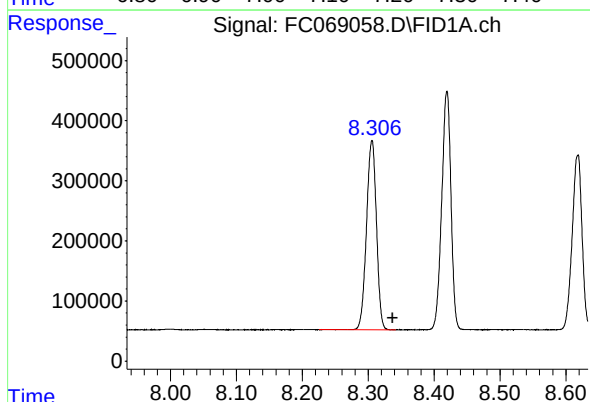
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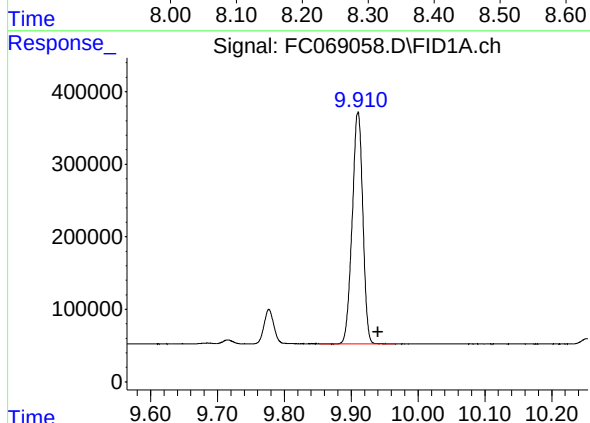
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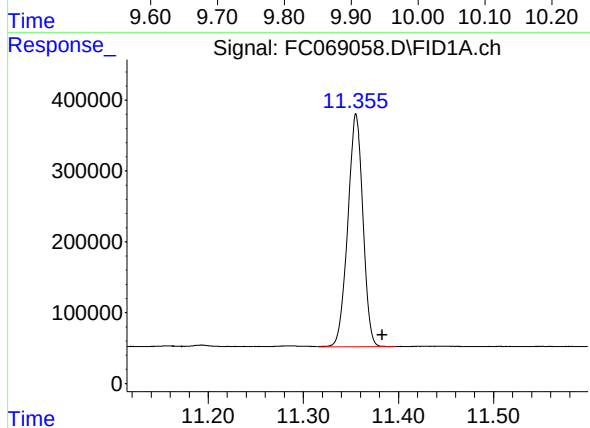
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.032 min
Response: 3302000
Conc: 32.21 ug/ml



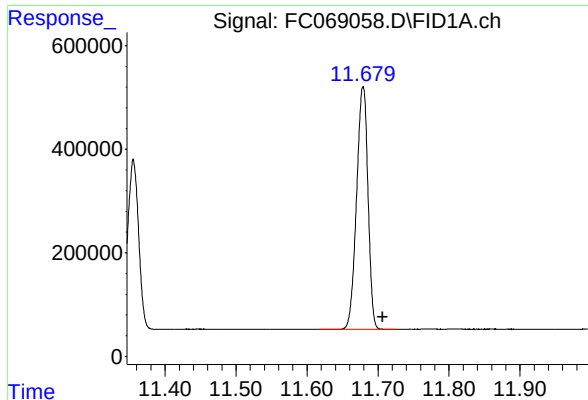
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.030 min
Response: 3528345
Conc: 34.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.028 min
Response: 3664077
Conc: 36.66 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: -0.028 min
Response: 5223799
Conc: 42.35 ug/ml

Instrument :

FID_C

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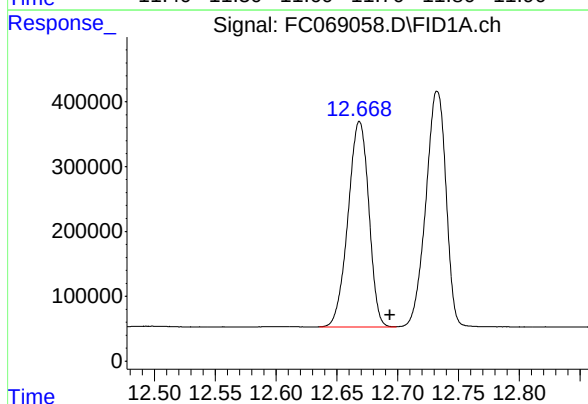
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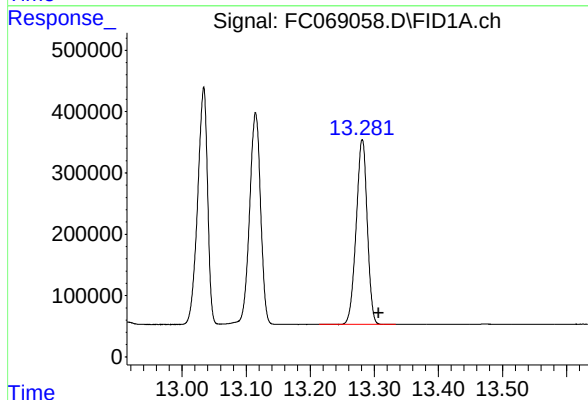
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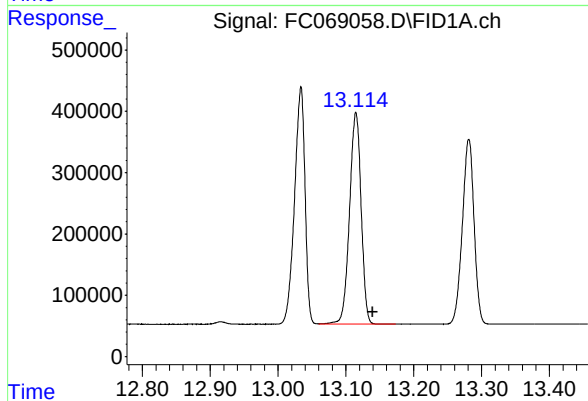
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.025 min
Response: 3771799
Conc: 38.73 ug/ml



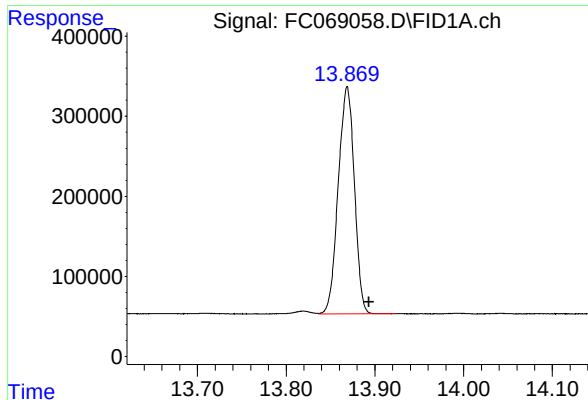
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.026 min
Response: 3615505
Conc: 37.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.025 min
Response: 4108068
Conc: 45.79 ug/ml



#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.025 min
Response: 3583489
Conc: 37.61 ug/ml

Instrument :

FID_C

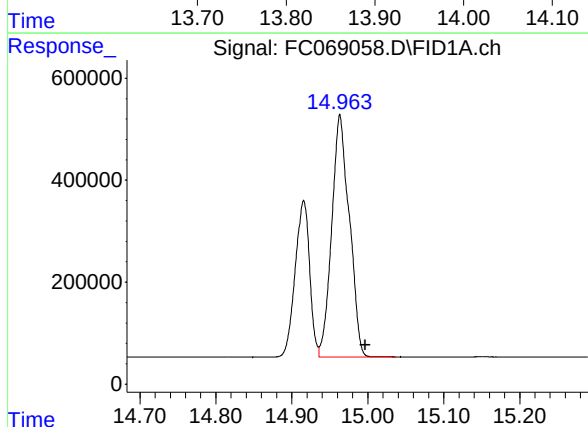
ClientSampleId :

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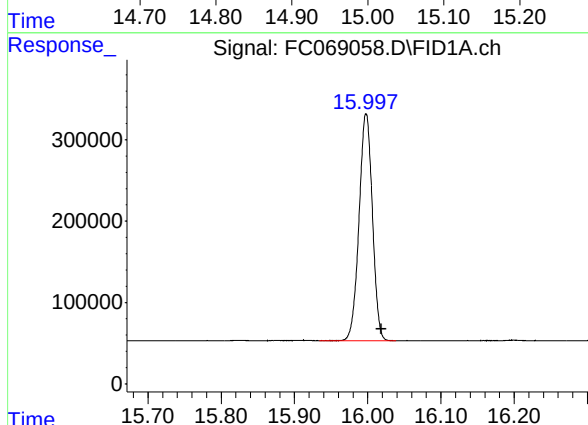
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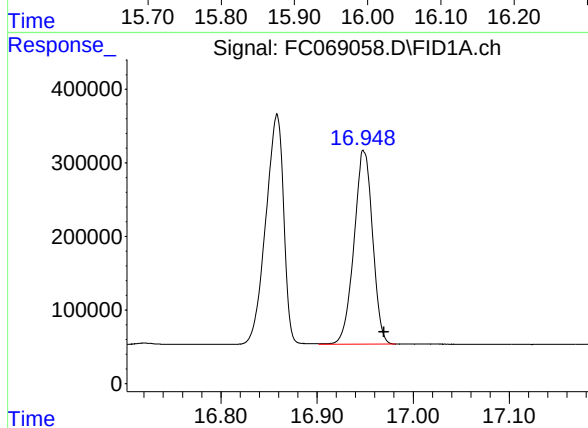
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: -0.034 min
Response: 7645001
Conc: 81.20 ug/ml



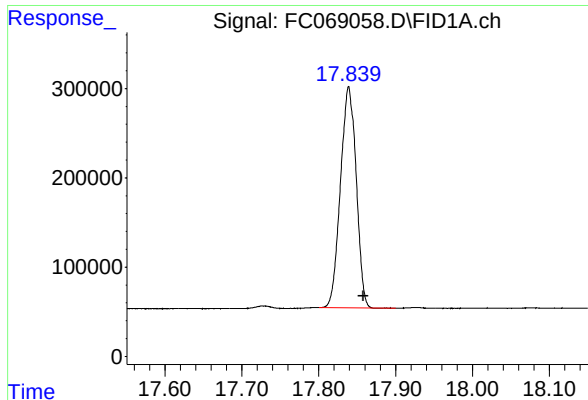
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.021 min
Response: 3537969
Conc: 38.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.021 min
Response: 3540186
Conc: 38.09 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: -0.019 min
Response: 3520398
Conc: 36.38 ug/ml

Instrument :

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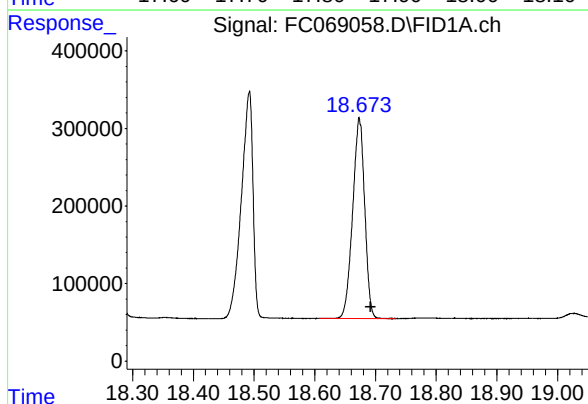
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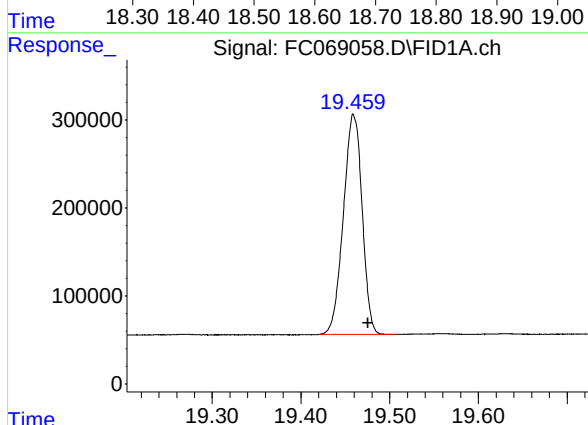
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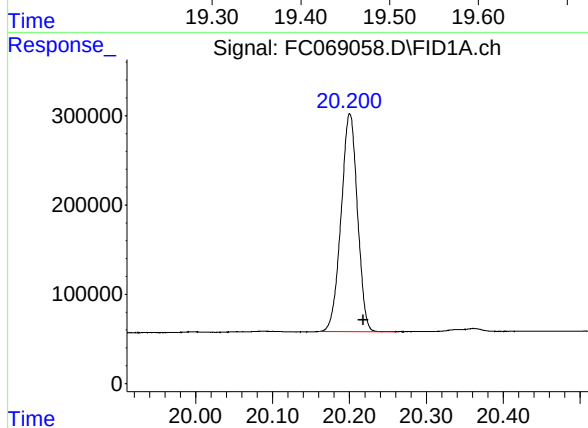
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: -0.019 min
Response: 3562219
Conc: 35.95 ug/ml



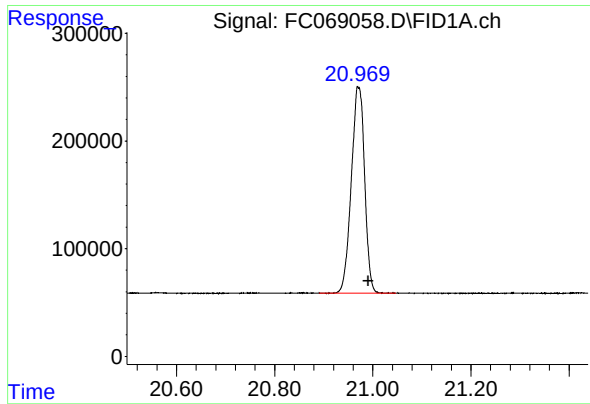
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: -0.016 min
Response: 3675270
Conc: 38.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.200 min
Delta R.T.: -0.018 min
Response: 3598292
Conc: 37.90 ug/ml



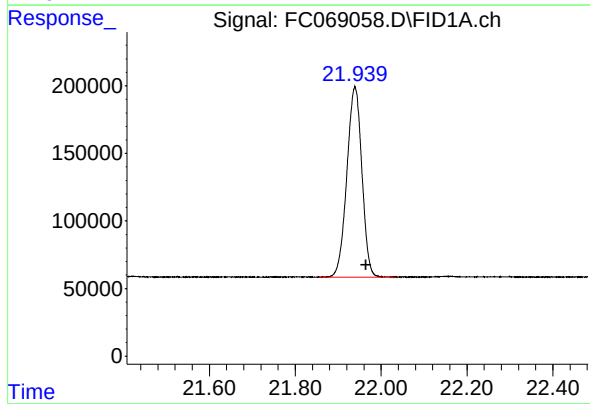
#21 n-Octatriacontane (C38)

R.T.: 20.971 min
Delta R.T.: -0.020 min
Response: 3604329
Conc: 39.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: -0.026 min
Response: 3423106
Conc: 38.80 ug/ml m