

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060425AL\
 Data File : FC069073.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jun 2025 19:14
 Operator : YP/AJ
 Sample : Q2185-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP02-MHB-WCMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File: autoint1.e
 Quant Time: Jun 05 08:04:12 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	4725806	38.314 ug/ml
Spiked Amount 50.000		Recovery =	76.63%
12) S 1-chlorooctadecane (S...	13.115	3795882	42.311 ug/ml
Spiked Amount 50.000		Recovery =	84.62%
Target Compounds			
1) T n-Nonane (C9)	3.403	3204744	30.198 ug/ml
2) T n-Decane (C10)	4.479	3628808	34.264 ug/mlm
3) T A~Naphthalene (C11.7)	6.074	4365072	37.749 ug/ml
4) T n-Dodecane (C12)	6.505	3830446	36.438 ug/ml
5) T A~2-methylnaphthalene...	7.134	4109192	36.246 ug/ml
6) T n-Tetradecane (C14)	8.307	3970022	38.731 ug/ml
7) T n-Hexadecane (C16)	9.911	4344126	42.813 ug/ml
8) T n-Octadecane (C18)	11.356	4435962	44.384 ug/mlm
10) T n-Eicosane (C20)	12.668	4539229	46.605 ug/ml
11) T n-Heneicosane (C21)	13.281	4347634	45.169 ug/ml
13) T n-Docosane (C22)	13.869	4294082	45.073 ug/ml
14) T n-Tetracosane (C24)	14.964	8988034	95.462 ug/ml
15) T n-Hexacosane (C26)	15.999	4190591	45.137 ug/ml
16) T n-Octacosane (C28)	16.948	4150461	44.651 ug/ml
17) T n-Tricontane (C30)	17.839	4129760	42.682 ug/ml
18) T n-Dotriacontane (C32)	18.673	4159570	41.974 ug/ml
19) T n-Tetratriacontane (C34)	19.458	4291905	44.531 ug/ml
20) T n-Hexatriacontane (C36)	20.203	4224985	44.506 ug/ml
21) T n-Octatriacontane (C38)	20.972	4270406	46.807 ug/ml
22) T n-Tetracontane (C40)	21.936	4096522	46.427 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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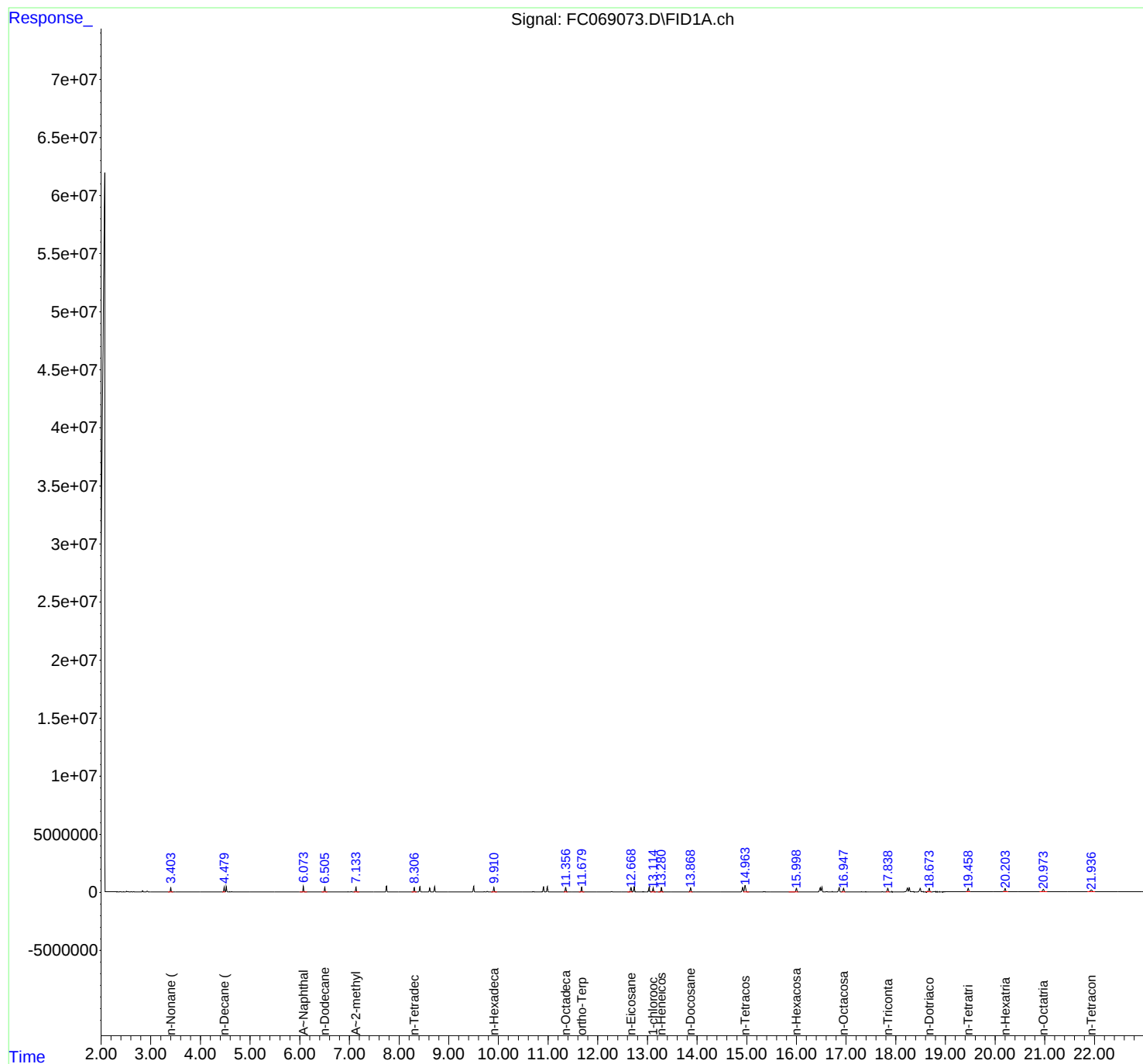
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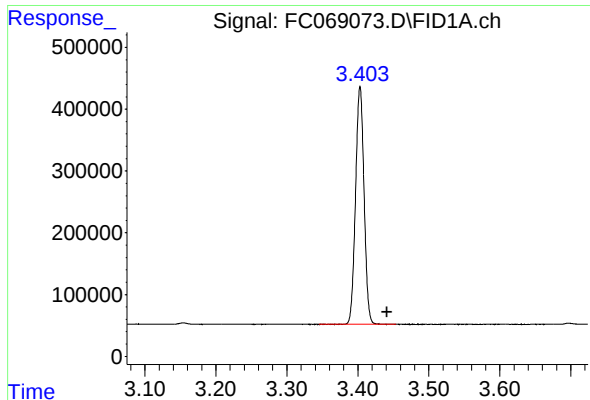
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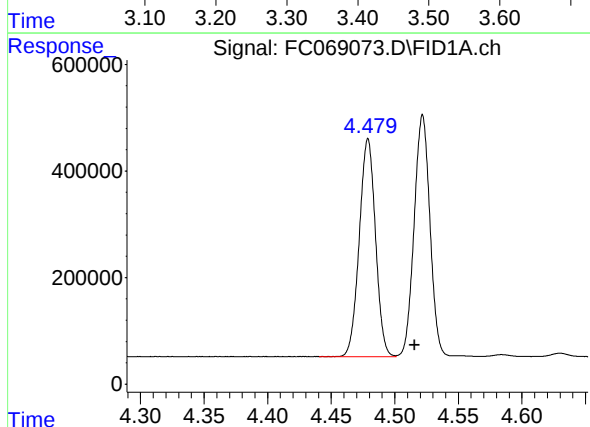
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.038 min
Response: 3204744
Conc: 30.20 ug/ml

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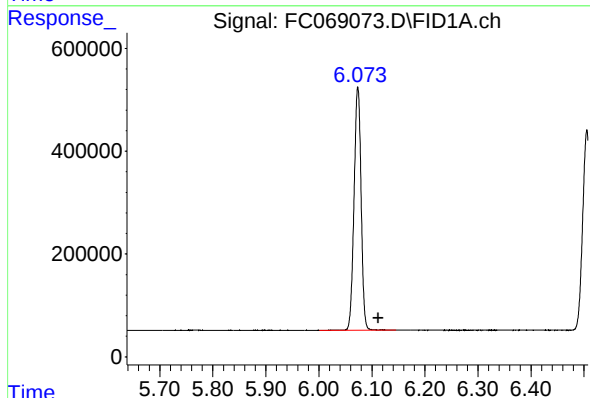
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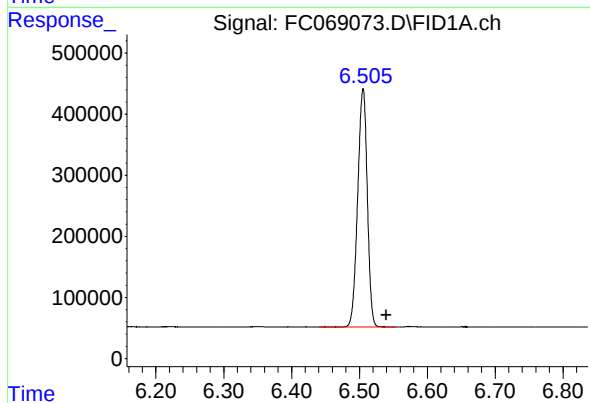
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.037 min
Response: 3628808
Conc: 34.26 ug/ml



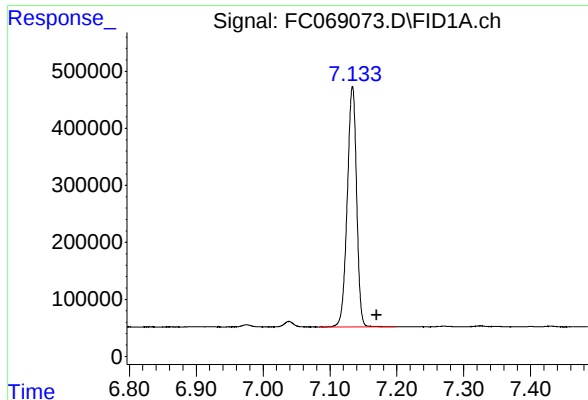
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.038 min
Response: 4365072
Conc: 37.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.035 min
Response: 3830446
Conc: 36.44 ug/ml



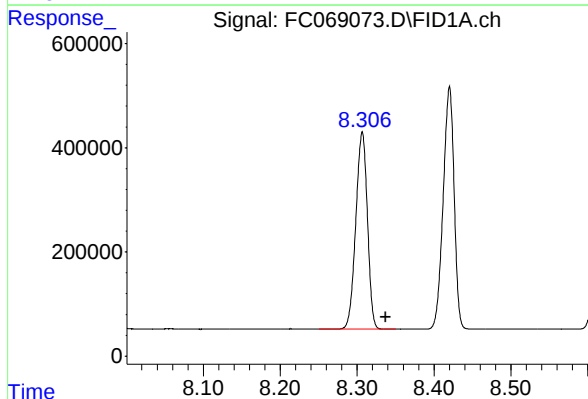
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.036 min
Response: 4109192
Conc: 36.25 ug/ml

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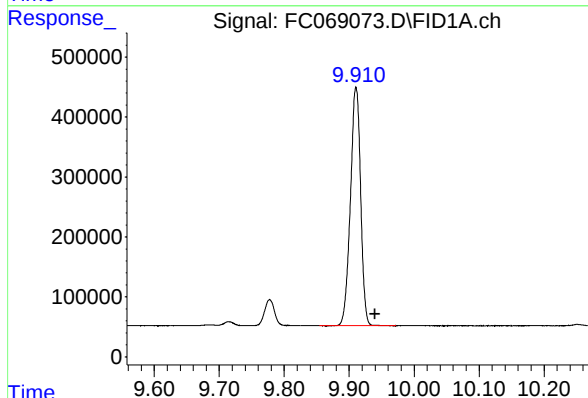
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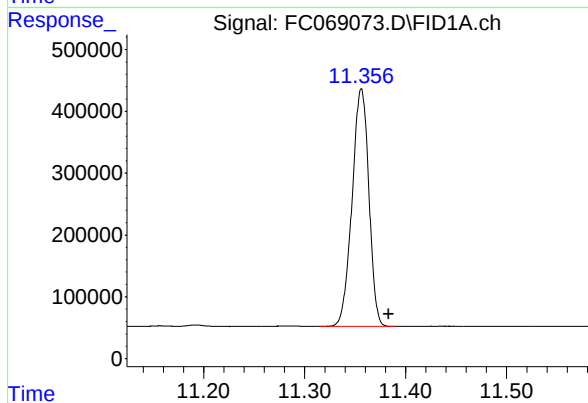
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.031 min
Response: 3970022
Conc: 38.73 ug/ml



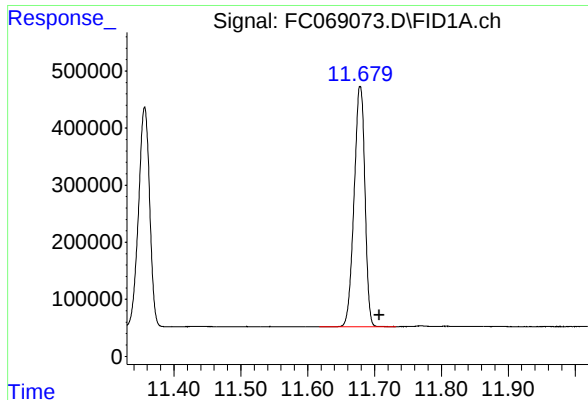
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.029 min
Response: 4344126
Conc: 42.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.027 min
Response: 4435962
Conc: 44.38 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: -0.028 min
Response: 4725806
Conc: 38.31 ug/ml

Instrument :

FID_C

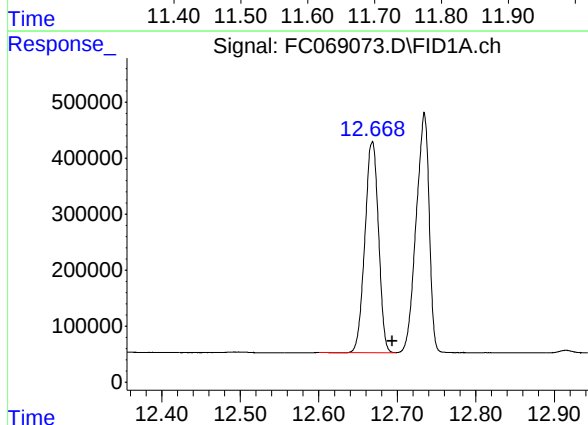
ClientSampleId :

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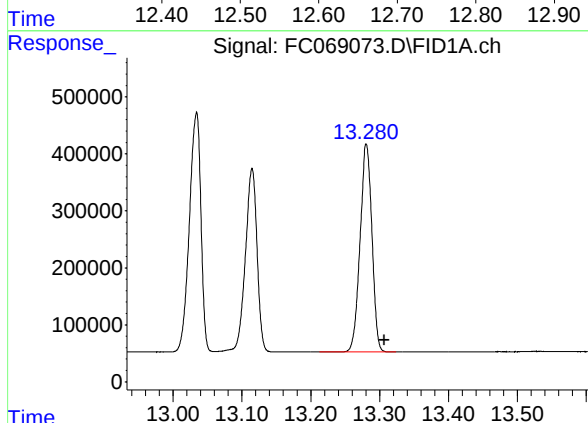
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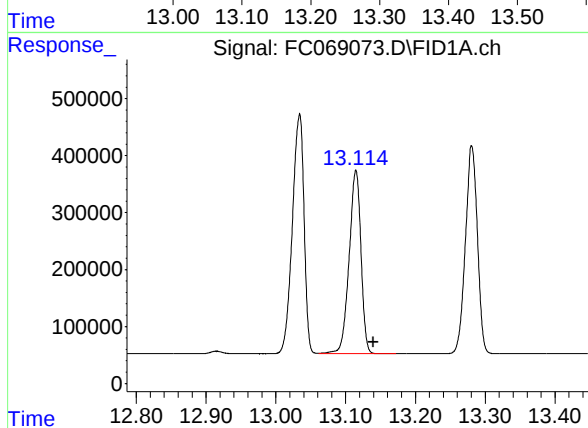
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.026 min
Response: 4539229
Conc: 46.60 ug/ml



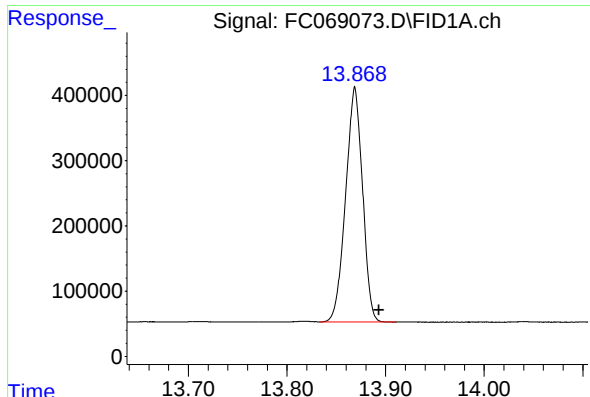
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.026 min
Response: 4347634
Conc: 45.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.025 min
Response: 3795882
Conc: 42.31 ug/ml



#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.025 min
Response: 4294082
Conc: 45.07 ug/ml

Instrument :

FID_C

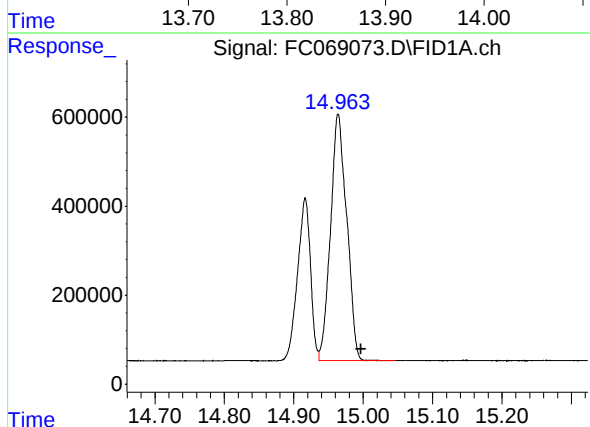
ClientSampleId :

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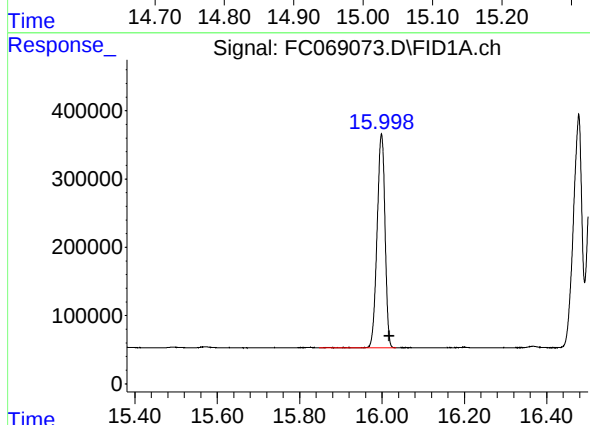
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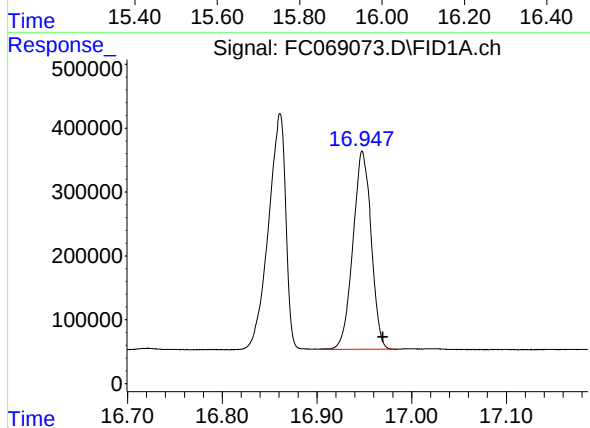
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.033 min
Response: 8988034
Conc: 95.46 ug/ml



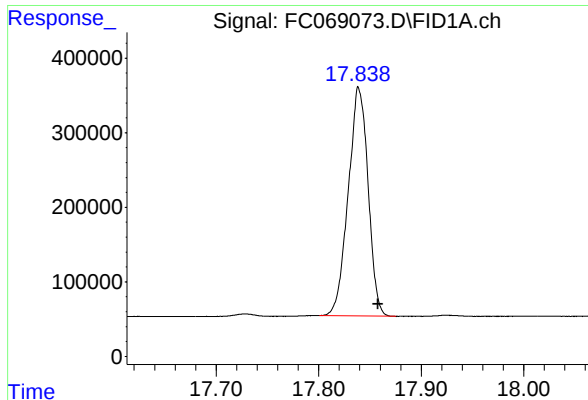
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.020 min
Response: 4190591
Conc: 45.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: -0.021 min
Response: 4150461
Conc: 44.65 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: -0.018 min
Response: 4129760
Conc: 42.68 ug/ml

Instrument :

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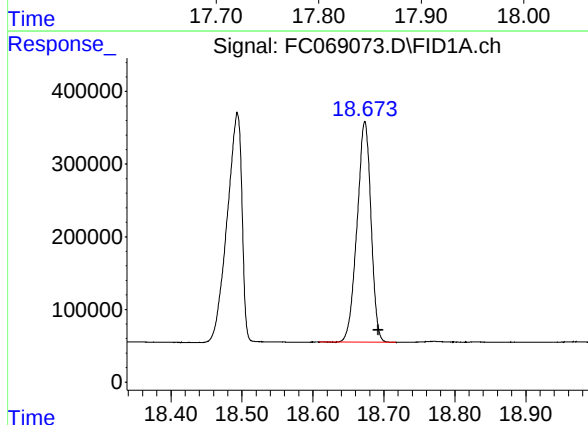
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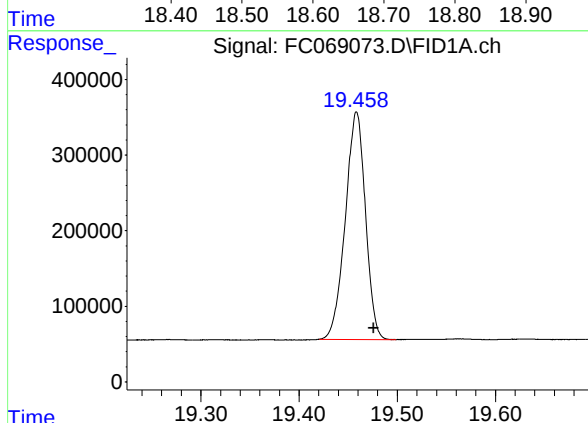
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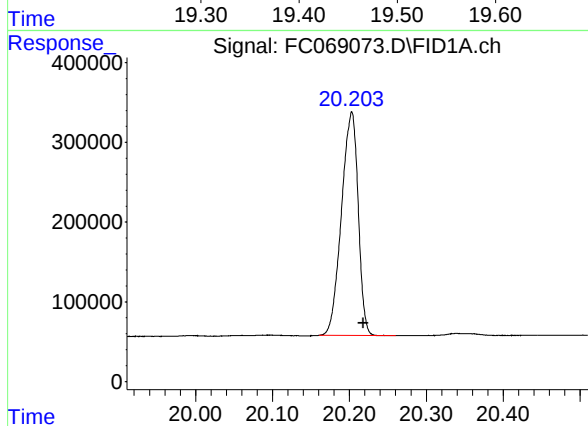
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: -0.019 min
Response: 4159570
Conc: 41.97 ug/ml



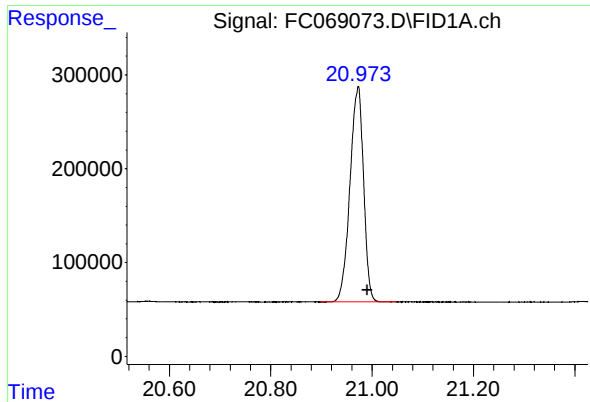
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: -0.017 min
Response: 4291905
Conc: 44.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.203 min
Delta R.T.: -0.015 min
Response: 4224985
Conc: 44.51 ug/ml



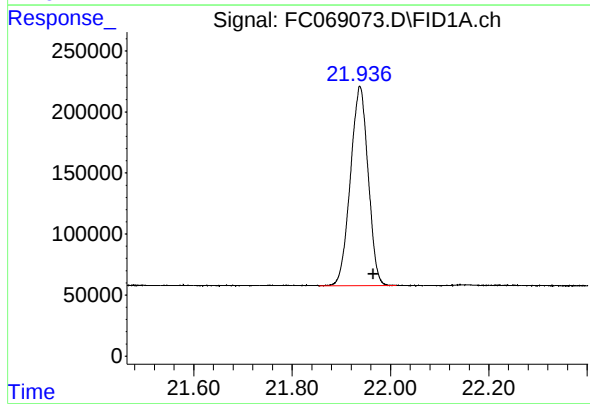
#21 n-Octatriacontane (C38)

R.T.: 20.972 min
Delta R.T.: -0.019 min
Response: 4270406
Conc: 46.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.029 min
Response: 4096522
Conc: 46.43 ug/ml m