

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
 Data File : FC069250.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2025 18:49
 Operator : YP/AJ
 Sample : Q2386-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-1-062025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File: autoint1.e
 Quant Time: Jun 24 01:26:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.696	4673367	27.051 ug/ml
Spiked Amount 50.000		Recovery =	54.10%
12) S 1-chlorooctadecane (S...	13.126	11630155	89.023 ug/ml
Spiked Amount 50.000		Recovery =	178.05%
Target Compounds			
1) T n-Nonane (C9)	3.408	3505161	24.646 ug/ml
2) T n-Decane (C10)	4.483	3981050	27.194 ug/ml
3) T A~Naphthalene (C11.7)	6.077	5196376	32.297 ug/ml
4) T n-Dodecane (C12)	6.508	4492444	29.668 ug/ml
5) T A~2-methylnaphthalene...	7.138	5541699	35.019 ug/ml
6) T n-Tetradecane (C14)	8.313	5107439	32.950 ug/ml
7) T n-Hexadecane (C16)	9.916	6463820	39.554 ug/ml
8) T n-Octadecane (C18)	11.365	5666368	34.705 ug/mlm
10) T n-Eicosane (C20)	12.691	6784203	44.446 ug/ml
11) T n-Heneicosane (C21)	13.292	5145218	34.908 ug/ml
13) T n-Docosane (C22)	13.876	7345535	51.052 ug/ml
14) T n-Tetracosane (C24)	15.004	23982770	173.875 ug/mlm
15) T n-Hexacosane (C26)	16.006	4753029	36.359 ug/ml
16) T n-Octacosane (C28)	16.954	4375031	35.475 ug/mlm
17) T n-Tricontane (C30)	17.846	4157469	34.971 ug/ml
18) T n-Dotriacontane (C32)	18.676	3923425	35.884 ug/ml
19) T n-Tetratriacontane (C34)	19.461	3974462	41.158 ug/ml
20) T n-Hexatriacontane (C36)	20.201	3822207	46.379 ug/mlm
21) T n-Octatriacontane (C38)	20.974	4118640	55.113 ug/ml
22) T n-Tetracontane (C40)	21.944	3945376	55.713 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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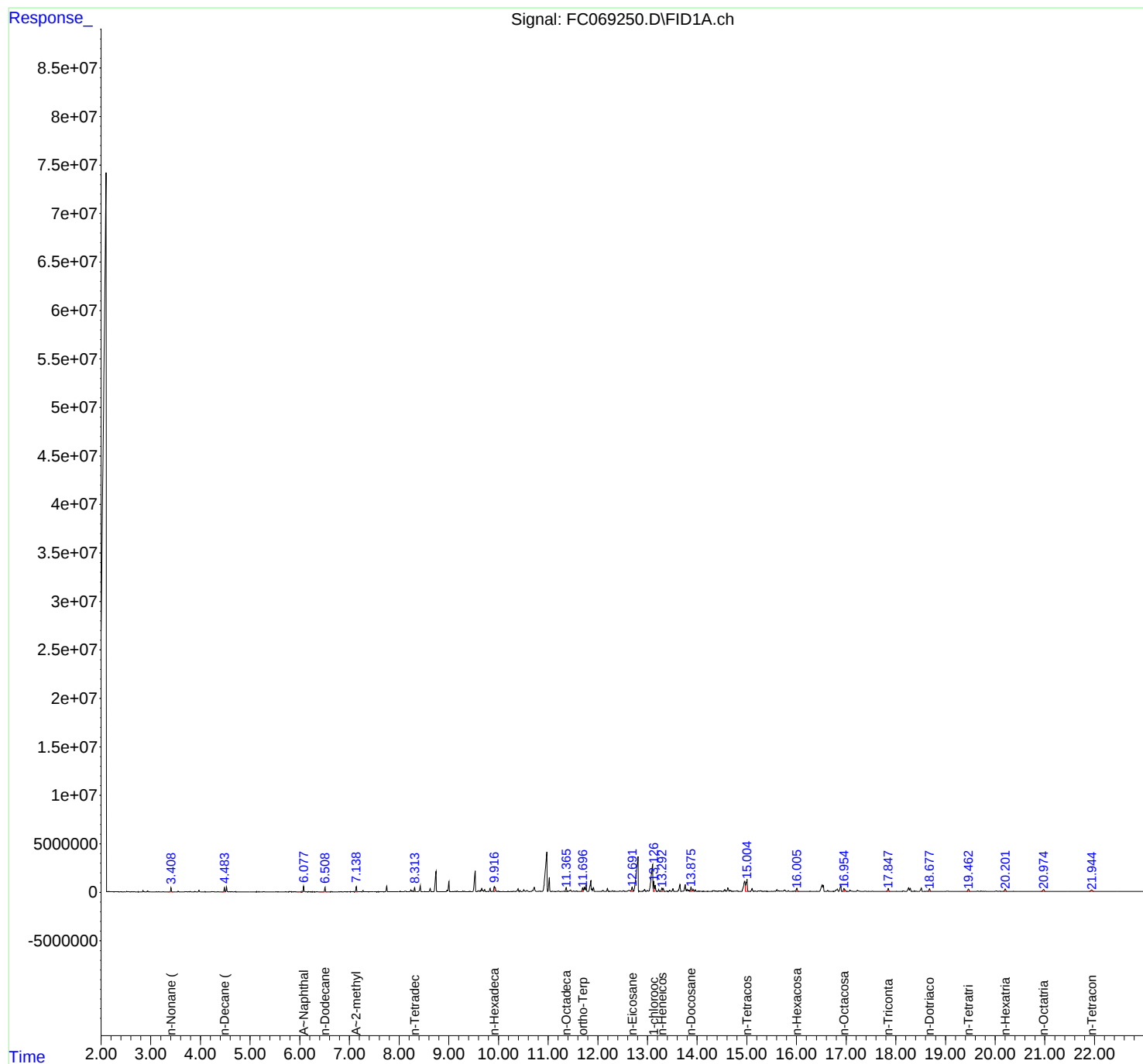
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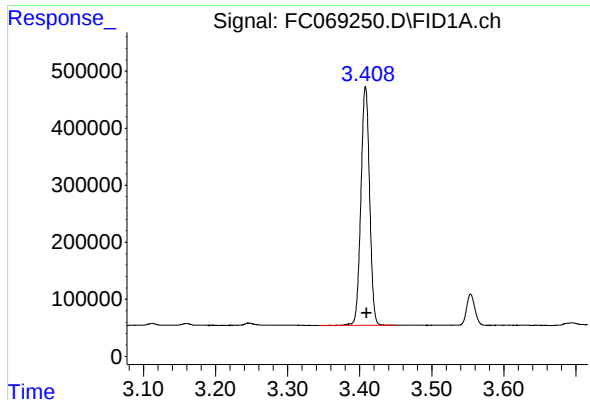
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#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: -0.002 min
Response: 3505161
Conc: 24.65 ug/ml

Instrument :

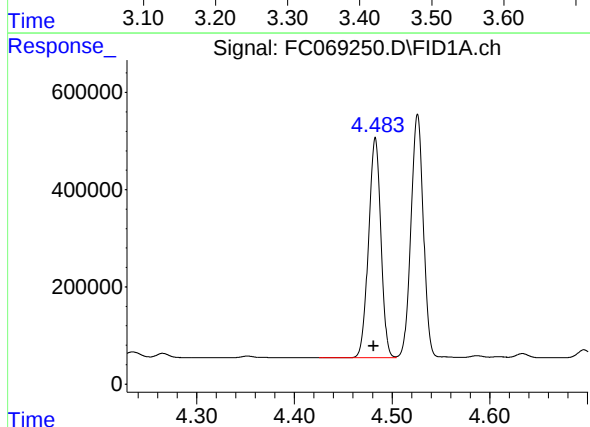
FID_C

ClientSampleId :

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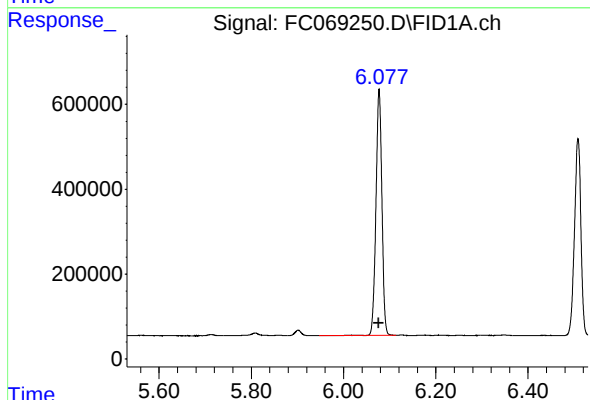
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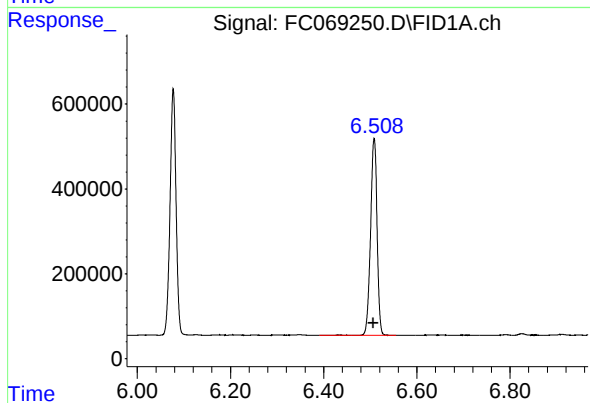
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 3981050
Conc: 27.19 ug/ml



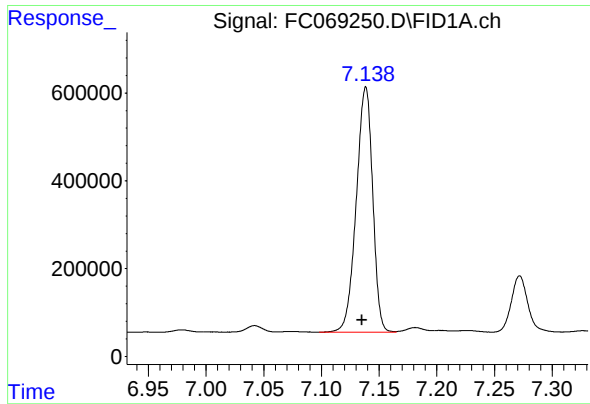
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 5196376
Conc: 32.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: 0.002 min
Response: 4492444
Conc: 29.67 ug/ml



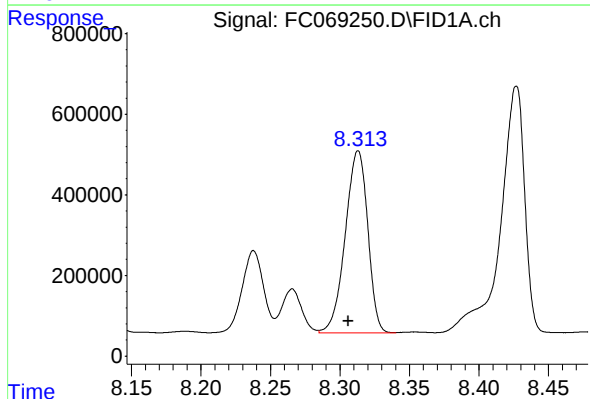
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 5541699
Conc: 35.02 ug/ml

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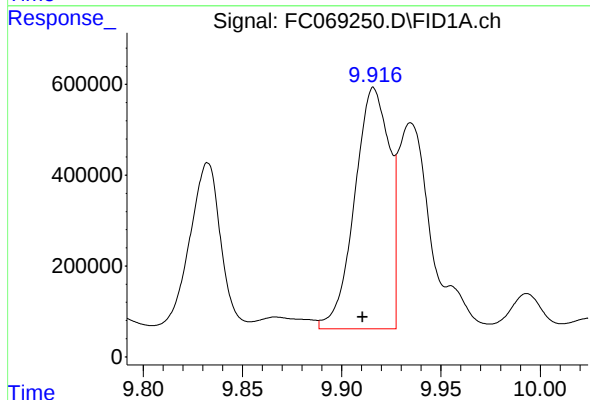
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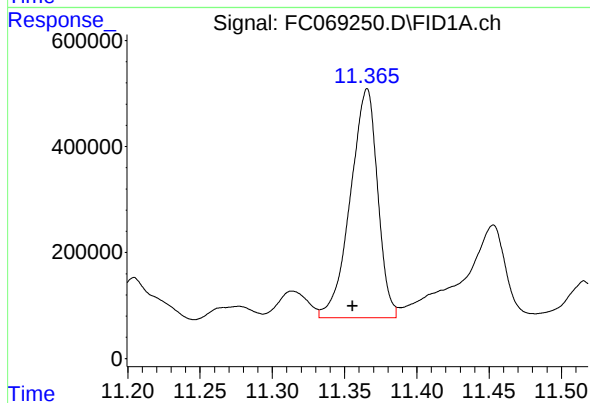
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: 0.007 min
Response: 5107439
Conc: 32.95 ug/ml



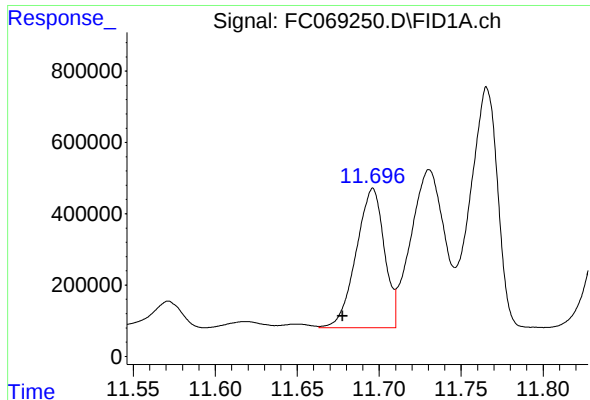
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: 0.006 min
Response: 6463820
Conc: 39.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.365 min
Delta R.T.: 0.010 min
Response: 5666368
Conc: 34.71 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.696 min
Delta R.T.: 0.018 min
Response: 4673367
Conc: 27.05 ug/ml

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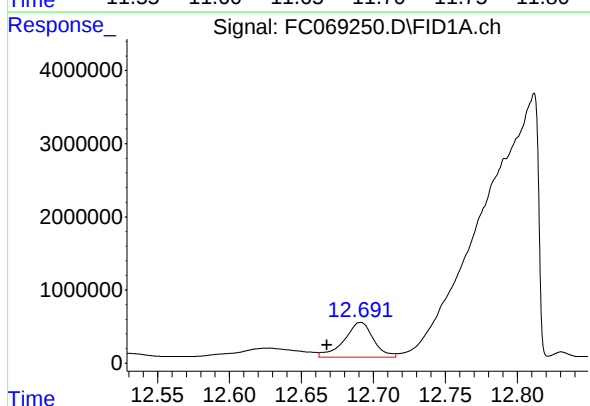
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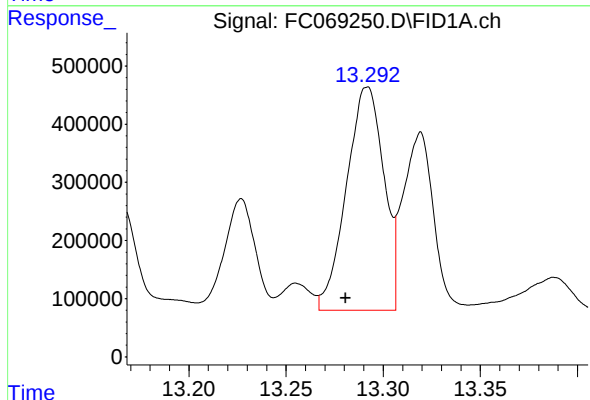
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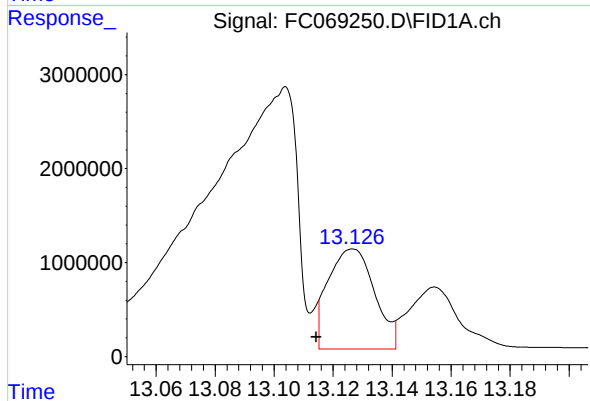
#10 n-Eicosane (C20)

R.T.: 12.691 min
Delta R.T.: 0.023 min
Response: 6784203
Conc: 44.45 ug/ml



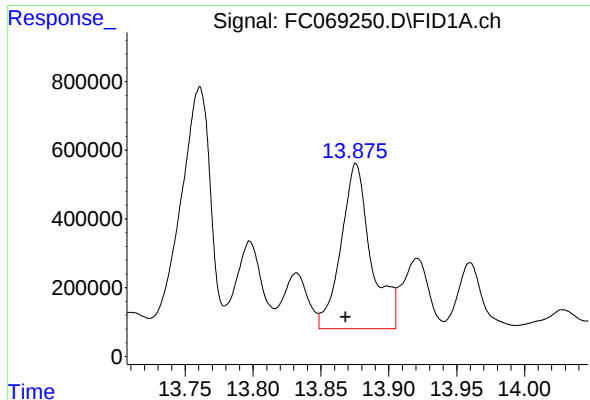
#11 n-Heneicosane (C21)

R.T.: 13.292 min
Delta R.T.: 0.011 min
Response: 5145218
Conc: 34.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.126 min
Delta R.T.: 0.012 min
Response: 11630155
Conc: 89.02 ug/ml



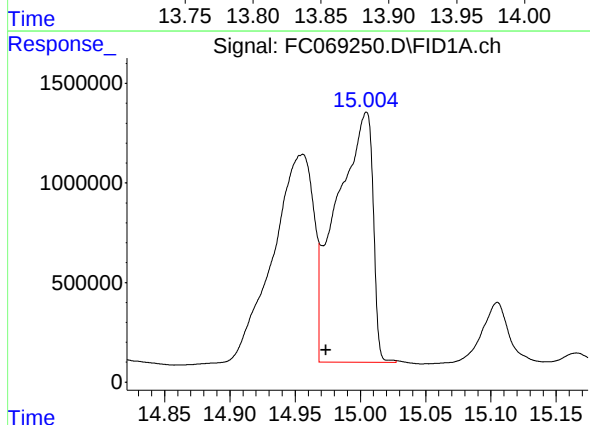
#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: 0.008 min
Response: 7345535
Conc: 51.05 ug/ml

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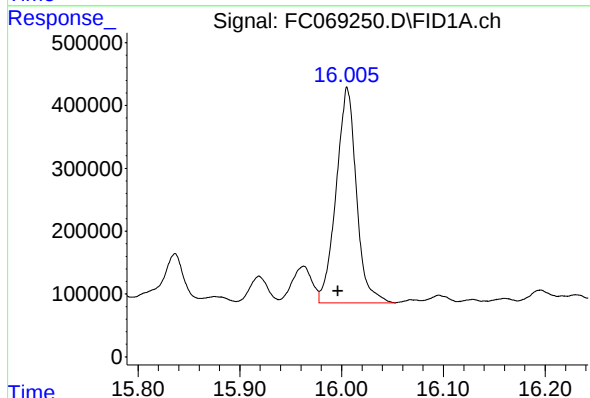
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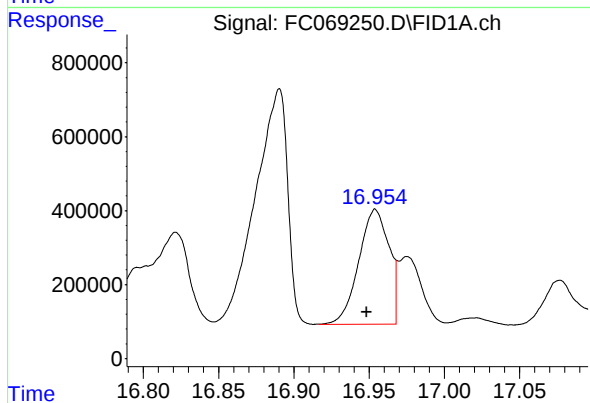
#14 n-Tetracosane (C24)

R.T.: 15.004 min
Delta R.T.: 0.031 min
Response: 23982770
Conc: 173.88 ug/ml m



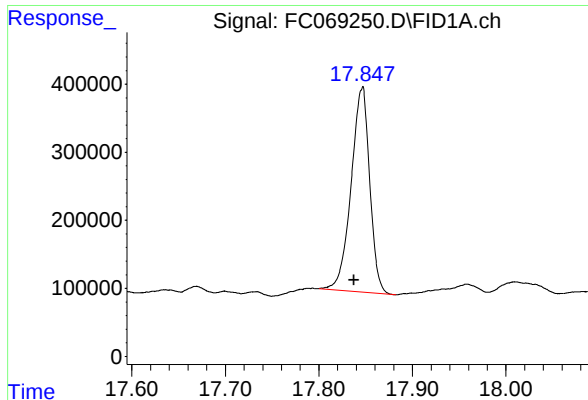
#15 n-Hexacosane (C26)

R.T.: 16.006 min
Delta R.T.: 0.009 min
Response: 4753029
Conc: 36.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.954 min
Delta R.T.: 0.005 min
Response: 4375031
Conc: 35.47 ug/ml m



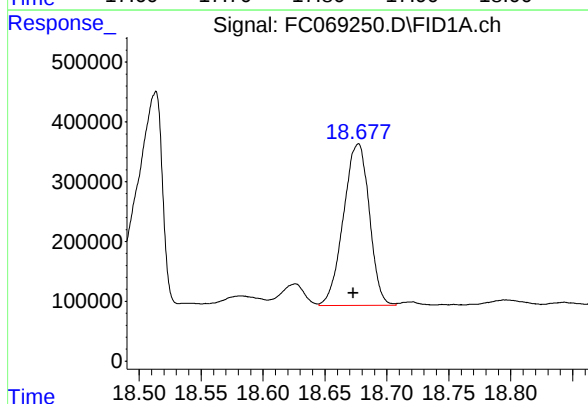
#17 n-Tricontane (C30)

R.T.: 17.846 min
Delta R.T.: 0.008 min
Response: 4157469
Conc: 34.97 ug/ml

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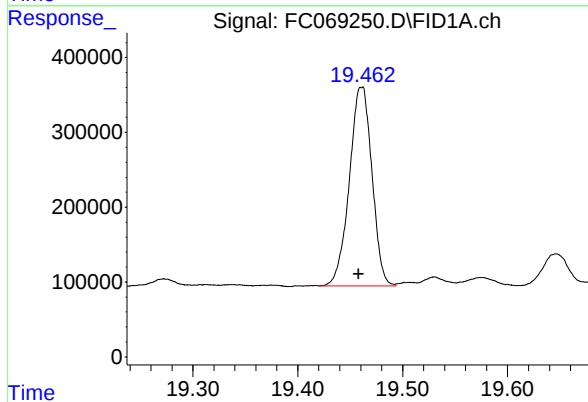
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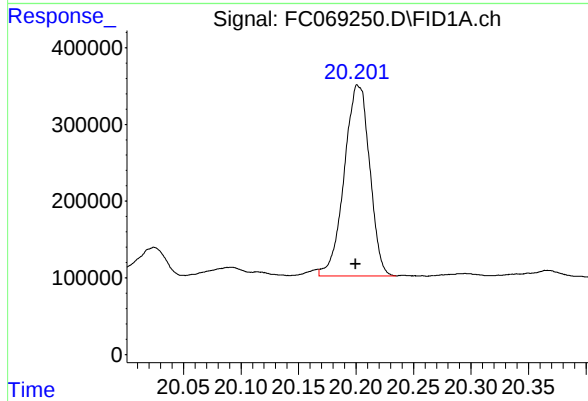
#18 n-Dotriacontane (C32)

R.T.: 18.676 min
Delta R.T.: 0.003 min
Response: 3923425
Conc: 35.88 ug/ml



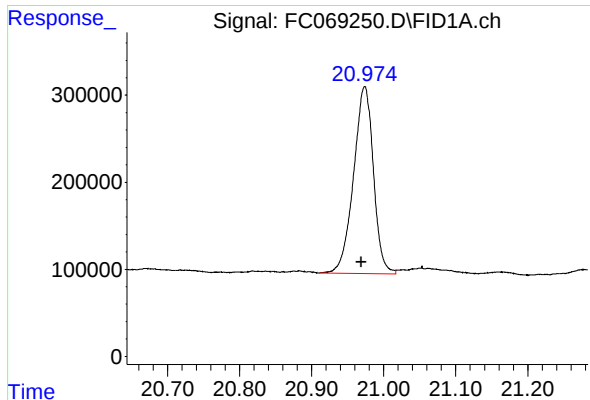
#19 n-Tetratriacontane (C34)

R.T.: 19.461 min
Delta R.T.: 0.002 min
Response: 3974462
Conc: 41.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.201 min
Delta R.T.: 0.000 min
Response: 3822207
Conc: 46.38 ug/ml m



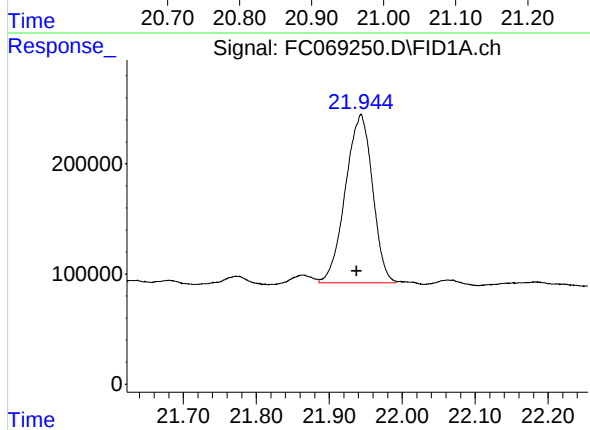
#21 n-Octatriacontane (C38)

R.T.: 20.974 min
Delta R.T.: 0.005 min
Response: 4118640
Conc: 55.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: 0.006 min
Response: 3945376
Conc: 55.71 ug/ml m