

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060425AL\
 Data File : FC069074.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jun 2025 19:54
 Operator : YP/AJ
 Sample : Q2185-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP02-MHB-WCMSD

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 08:04:35 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)	11.678	4780680	38.759 ug/ml
Spiked Amount 50.000		Recovery =	77.52%
12) S 1-chlorooctadecane (S...	13.115	3840219	42.805 ug/ml
Spiked Amount 50.000		Recovery =	85.61%
Target Compounds			
1) T n-Nonane (C9)	3.403	3260345	30.722 ug/ml
2) T n-Decane (C10)	4.479	3687173	34.815 ug/mlm
3) T A~Naphthalene (C11.7)	6.073	4426982	38.284 ug/ml
4) T n-Dodecane (C12)	6.505	3876089	36.872 ug/ml
5) T A~2-methylnaphthalene...	7.134	4164671	36.735 ug/ml
6) T n-Tetradecane (C14)	8.307	4002383	39.046 ug/ml
7) T n-Hexadecane (C16)	9.910	4366702	43.035 ug/ml
8) T n-Octadecane (C18)	11.357	4468195	44.707 ug/mlm
10) T n-Eicosane (C20)	12.669	4589524	47.121 ug/ml
11) T n-Heneicosane (C21)	13.282	4389971	45.609 ug/ml
13) T n-Docosane (C22)	13.869	4343788	45.595 ug/ml
14) T n-Tetracosane (C24)	14.964	9210837	97.829 ug/ml
15) T n-Hexacosane (C26)	15.999	4265649	45.945 ug/ml
16) T n-Octacosane (C28)	16.948	4240141	45.616 ug/ml
17) T n-Tricontane (C30)	17.840	4224725	43.663 ug/ml
18) T n-Dotriacontane (C32)	18.674	4290592	43.296 ug/ml
19) T n-Tetratriacontane (C34)	19.460	4445081	46.121 ug/ml
20) T n-Hexatriacontane (C36)	20.200	4382482	46.166 ug/ml
21) T n-Octatriacontane (C38)	20.971	4457537	48.858 ug/ml
22) T n-Tetracontane (C40)	21.937	4300233	48.736 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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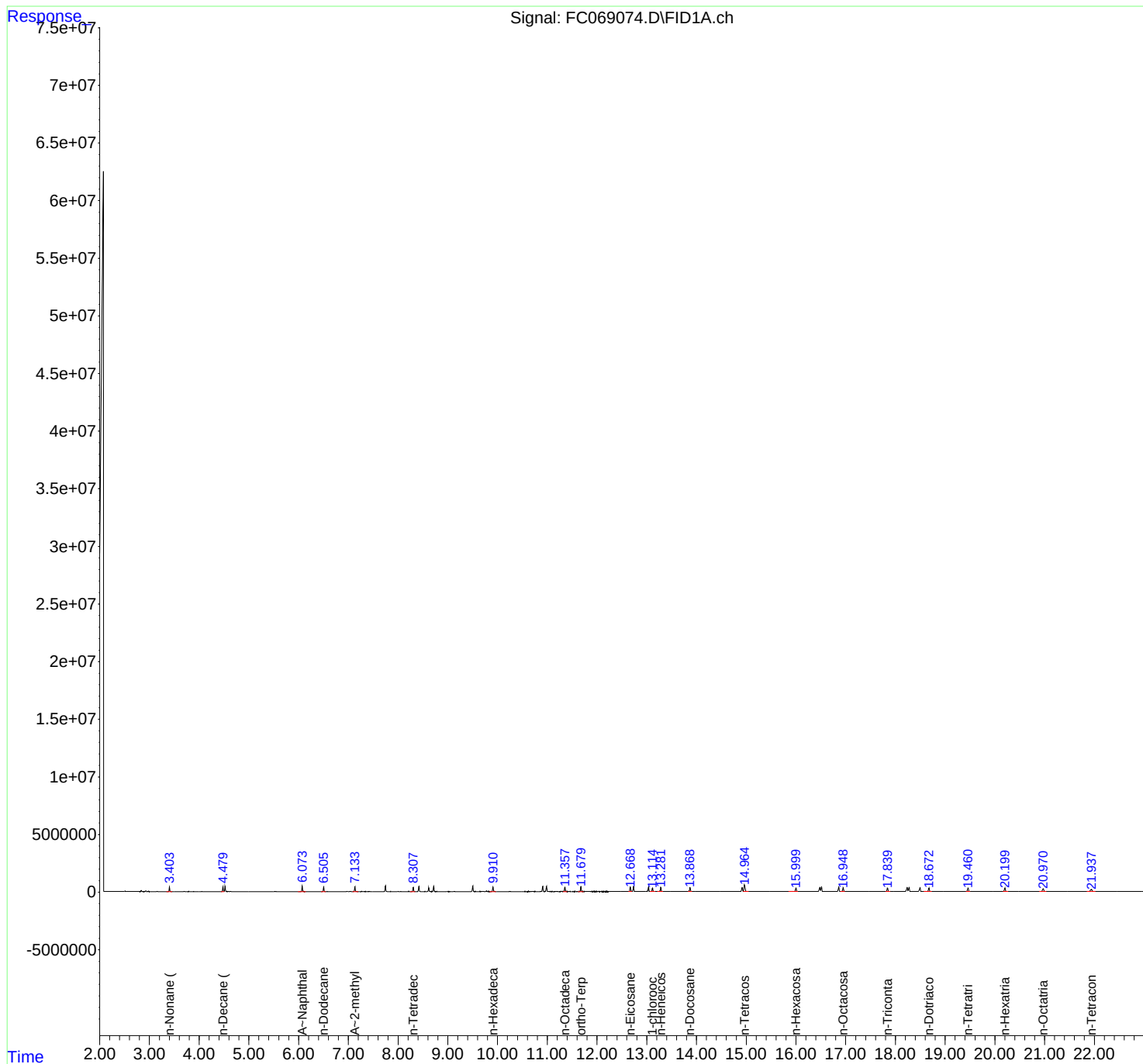
Response via : Initial Calibration

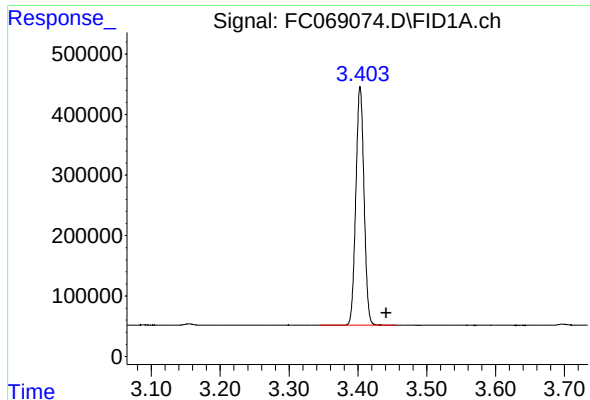
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





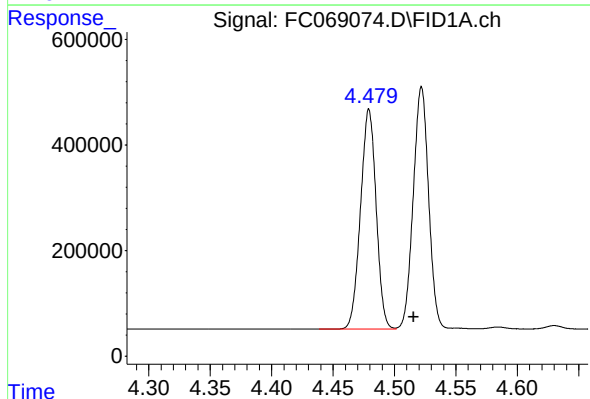
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.038 min
Response: 3260345
Conc: 30.72 ug/ml

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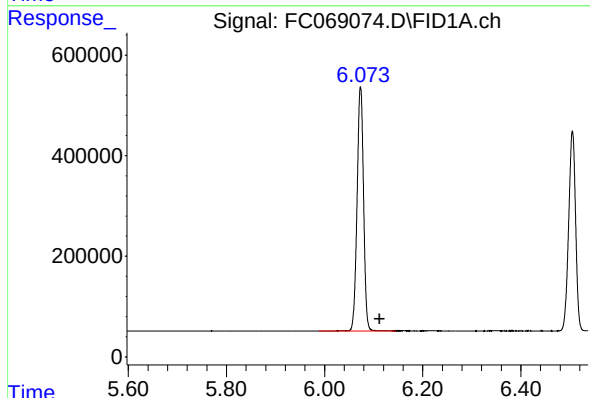
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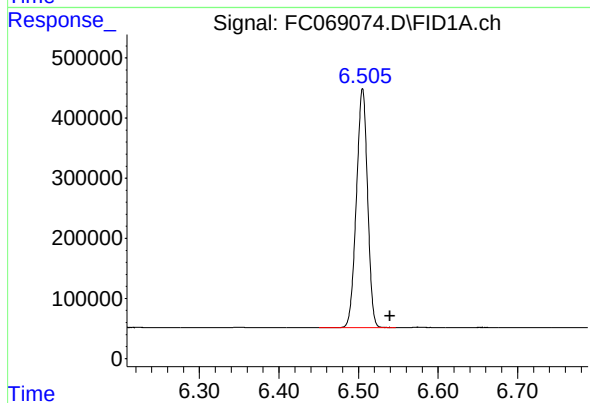
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.037 min
Response: 3687173
Conc: 34.82 ug/ml



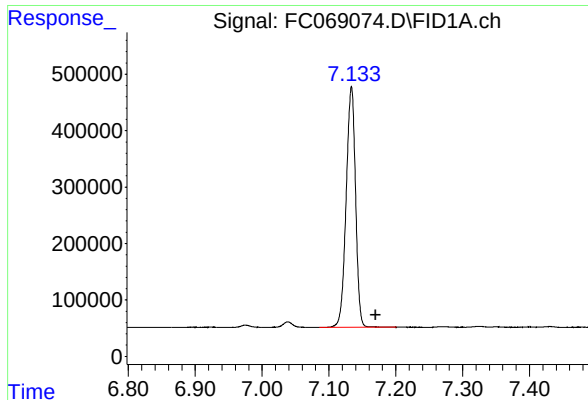
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.039 min
Response: 4426982
Conc: 38.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.035 min
Response: 3876089
Conc: 36.87 ug/ml



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

R.T.: 7.134 min
Delta R.T.: -0.036 min
Response: 4164671
Conc: 36.74 ug/ml

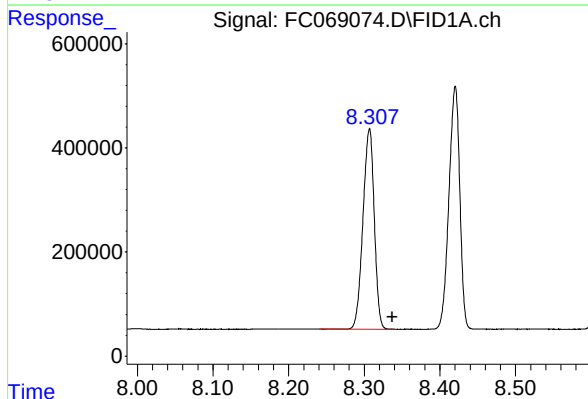
Instrument :

FID_C

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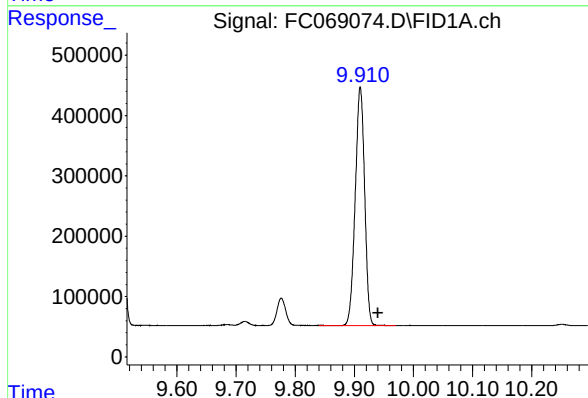
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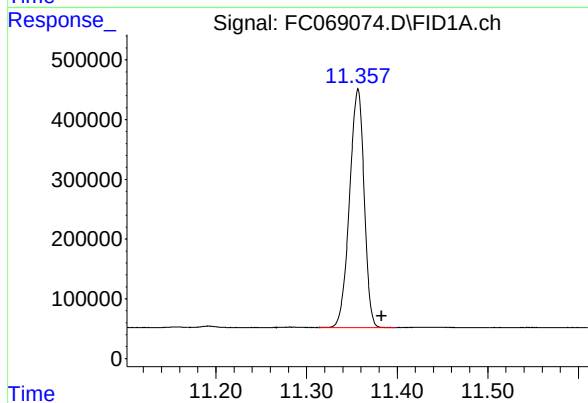
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.031 min
Response: 4002383
Conc: 39.05 ug/ml



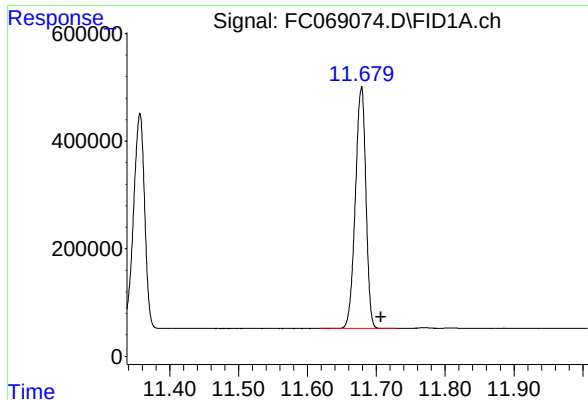
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.030 min
Response: 4366702
Conc: 43.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.027 min
Response: 4468195
Conc: 44.71 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.029 min
Response: 4780680
Conc: 38.76 ug/ml

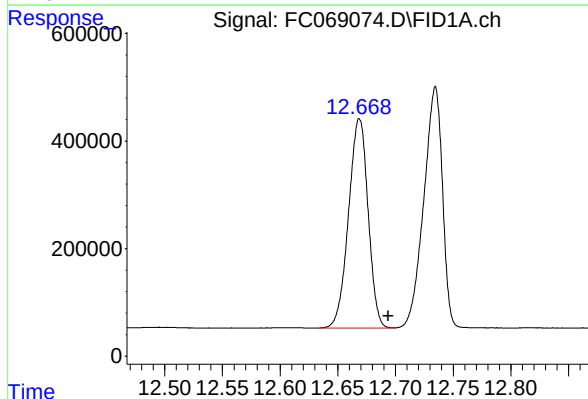
Instrument :

FID_C

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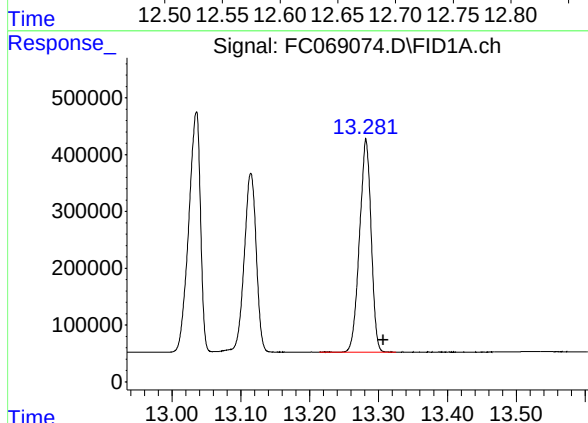
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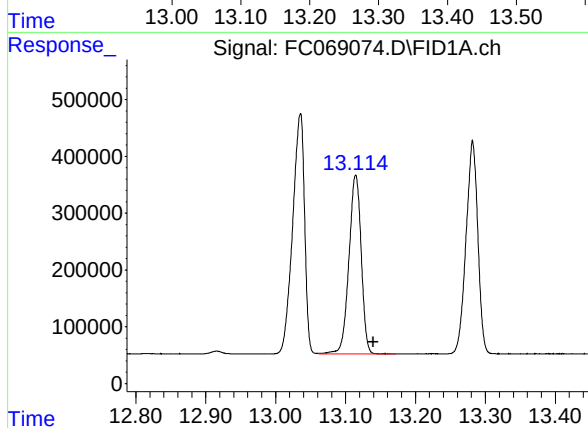
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.025 min
Response: 4589524
Conc: 47.12 ug/ml



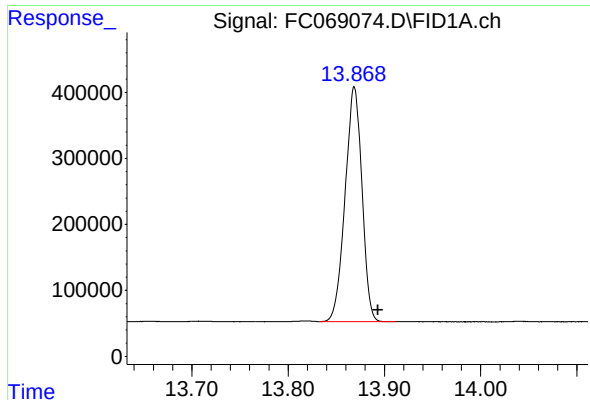
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: -0.025 min
Response: 4389971
Conc: 45.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.025 min
Response: 3840219
Conc: 42.81 ug/ml



#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.025 min
Response: 4343788
Conc: 45.60 ug/ml

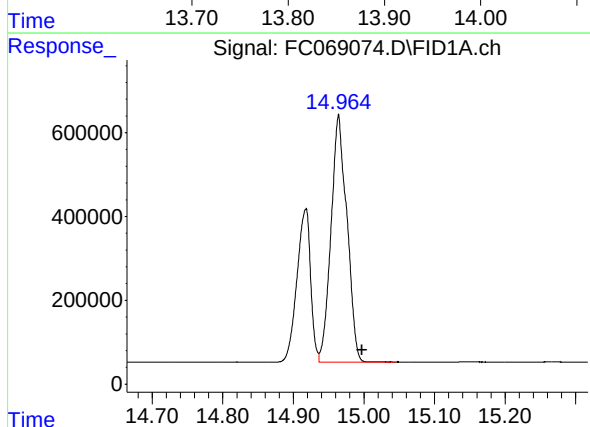
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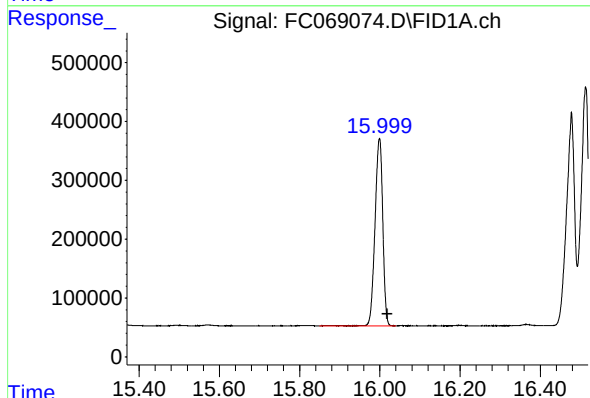
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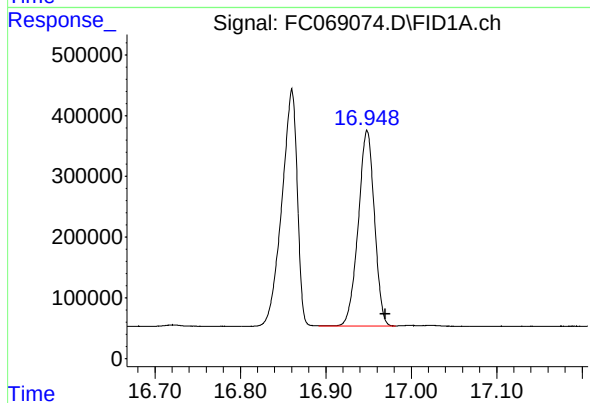
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.033 min
Response: 9210837
Conc: 97.83 ug/ml



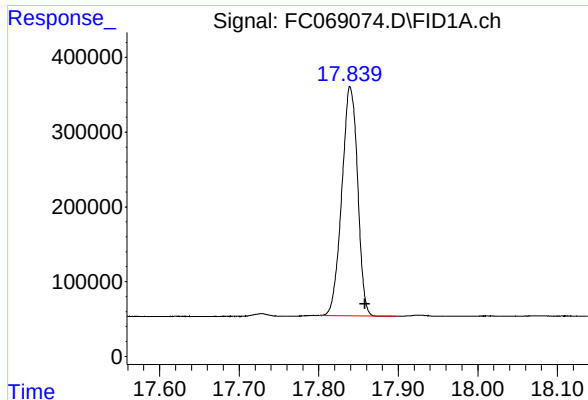
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.020 min
Response: 4265649
Conc: 45.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: -0.021 min
Response: 4240141
Conc: 45.62 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.840 min
Delta R.T.: -0.018 min
Response: 4224725
Conc: 43.66 ug/ml

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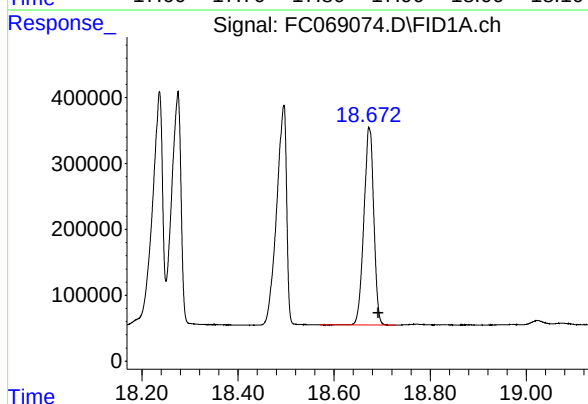
ClientSampleId :

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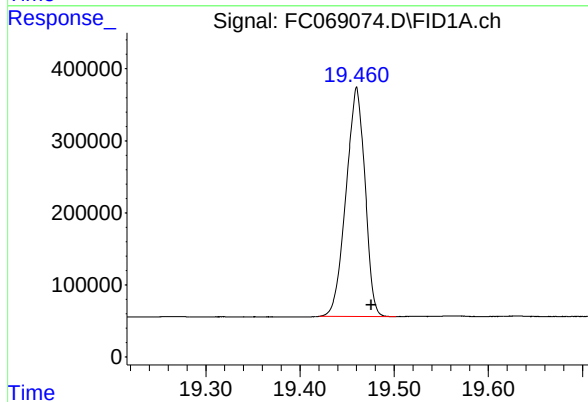
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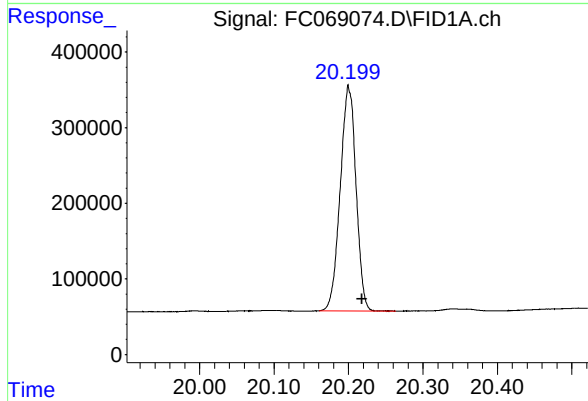
#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: -0.019 min
Response: 4290592
Conc: 43.30 ug/ml



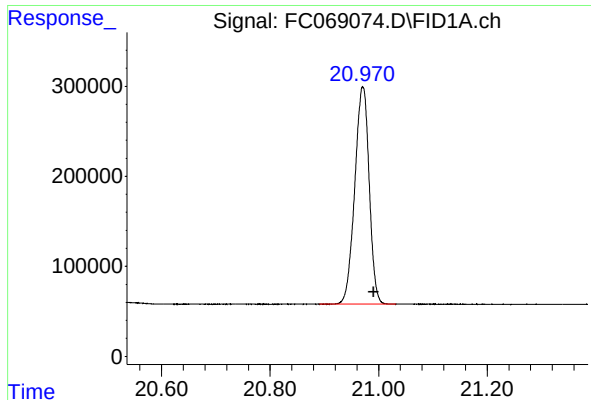
#19 n-Tetratriacontane (C34)

R.T.: 19.460 min
Delta R.T.: -0.016 min
Response: 4445081
Conc: 46.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.200 min
Delta R.T.: -0.018 min
Response: 4382482
Conc: 46.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.971 min
Delta R.T.: -0.020 min
Response: 4457537
Conc: 48.86 ug/ml

Instrument :

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ClientSampleId :

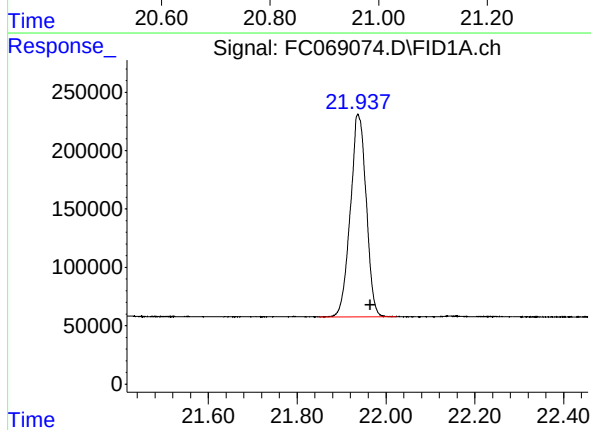
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#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.028 min
Response: 4300233
Conc: 48.74 ug/ml m