

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060425AL\
 Data File : FC069069.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jun 2025 16:32
 Operator : YP/AJ
 Sample : PB168287BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB168287BS

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 08:03:05 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	4089842	33.158 ug/ml
Spiked Amount 50.000		Recovery =	66.32%
12) S 1-chlorooctadecane (S...	13.113	3151948	35.133 ug/ml
Spiked Amount 50.000		Recovery =	70.27%
Target Compounds			
1) T n-Nonane (C9)	3.408	3788554	35.700 ug/ml
2) T n-Decane (C10)	4.481	3941560	37.217 ug/mlm
3) T A~Naphthalene (C11.7)	6.074	4552086	39.366 ug/ml
4) T n-Dodecane (C12)	6.505	3943495	37.513 ug/ml
5) T A~2-methylnaphthalene...	7.133	4125446	36.389 ug/ml
6) T n-Tetradecane (C14)	8.306	3797139	37.044 ug/ml
7) T n-Hexadecane (C16)	9.909	3748212	36.940 ug/ml
8) T n-Octadecane (C18)	11.355	3647898	36.499 ug/mlm
10) T n-Eicosane (C20)	12.668	3666118	37.641 ug/ml
11) T n-Heneicosane (C21)	13.281	3504175	36.406 ug/ml
13) T n-Docosane (C22)	13.868	3458081	36.298 ug/ml
14) T n-Tetracosane (C24)	14.961	7208355	76.560 ug/ml
15) T n-Hexacosane (C26)	15.998	3364418	36.238 ug/ml
16) T n-Octacosane (C28)	16.948	3337602	35.907 ug/ml
17) T n-Tricontane (C30)	17.838	3338231	34.501 ug/ml
18) T n-Dotriacontane (C32)	18.671	3364793	33.954 ug/ml
19) T n-Tetratriacontane (C34)	19.457	3497003	36.284 ug/ml
20) T n-Hexatriacontane (C36)	20.199	3482948	36.690 ug/ml
21) T n-Octatriacontane (C38)	20.968	3590298	39.352 ug/ml
22) T n-Tetracontane (C40)	21.939	3472787	39.358 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

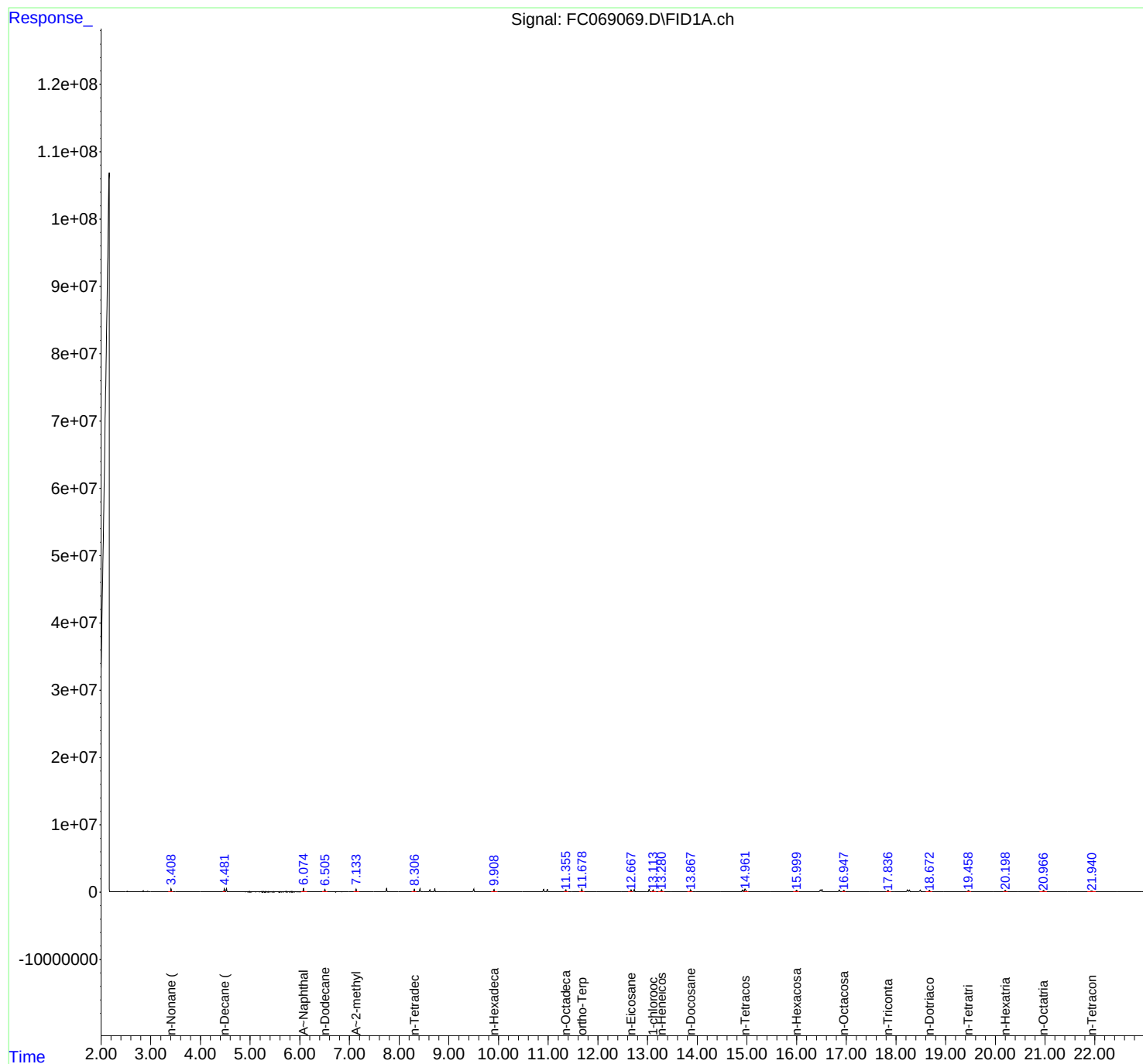
Instrument :
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ClientSampleId :
PB168287BS

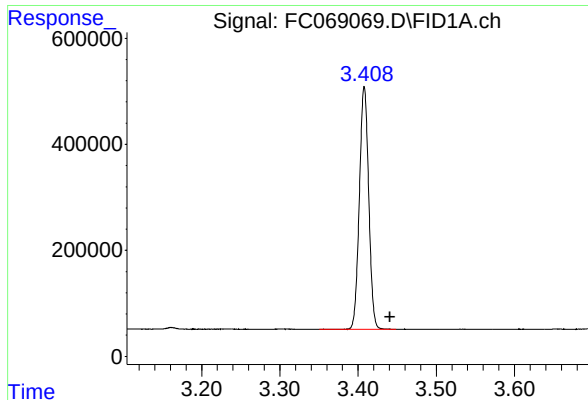
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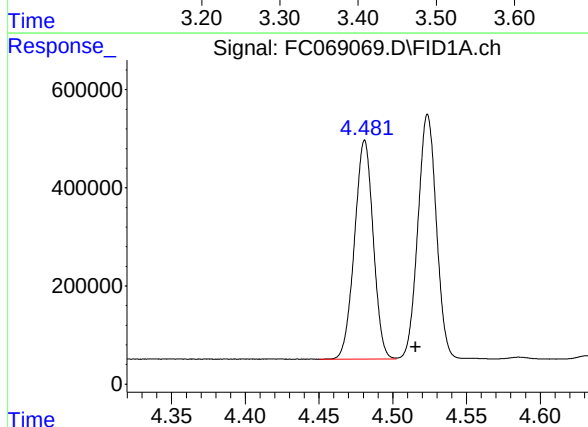
#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: -0.033 min
Response: 3788554
Conc: 35.70 ug/ml

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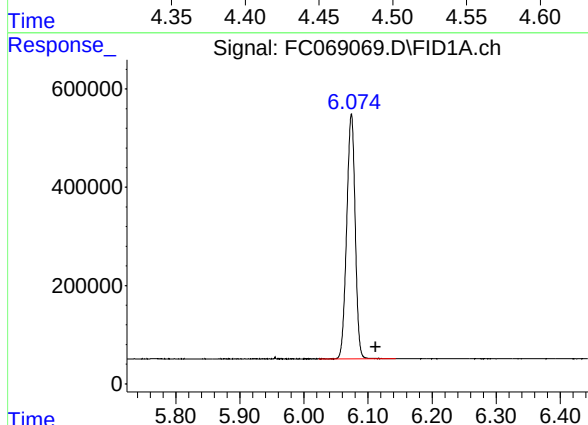
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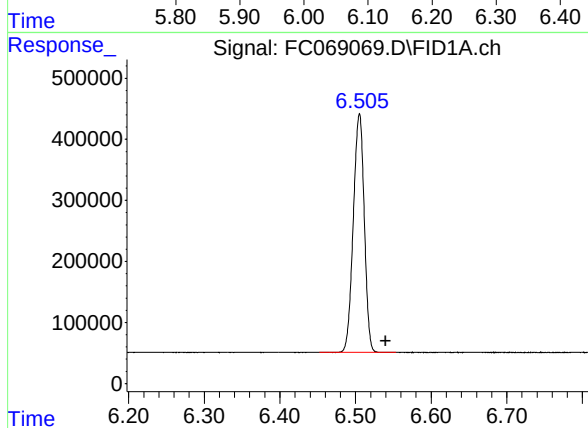
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.035 min
Response: 3941560
Conc: 37.22 ug/ml



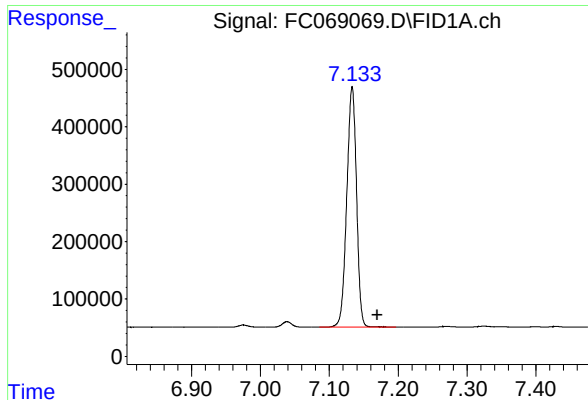
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.038 min
Response: 4552086
Conc: 39.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.035 min
Response: 3943495
Conc: 37.51 ug/ml



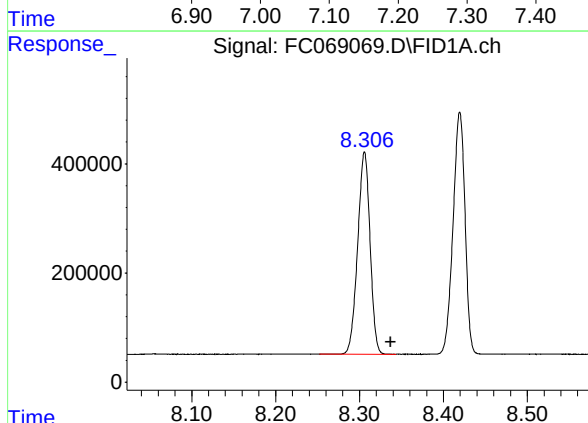
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: -0.037 min
Response: 4125446
Conc: 36.39 ug/ml

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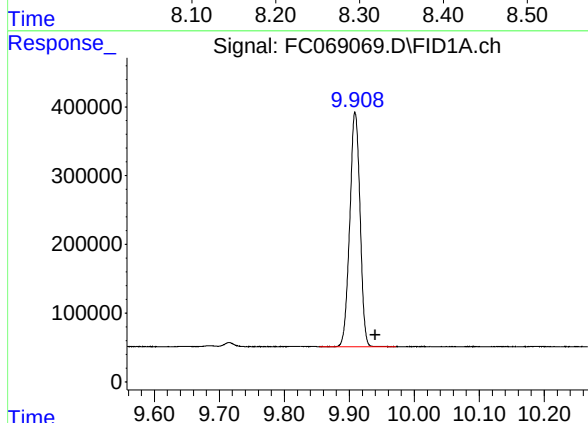
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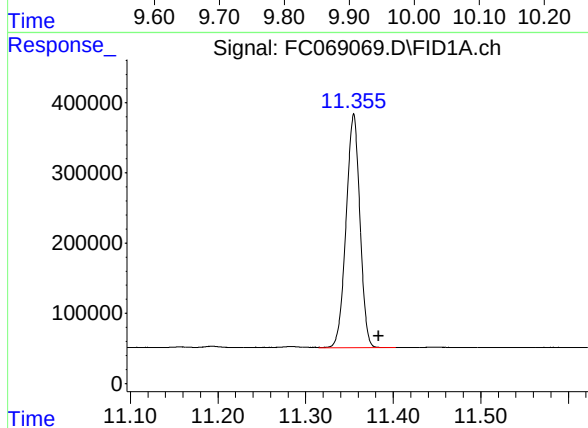
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.031 min
Response: 3797139
Conc: 37.04 ug/ml



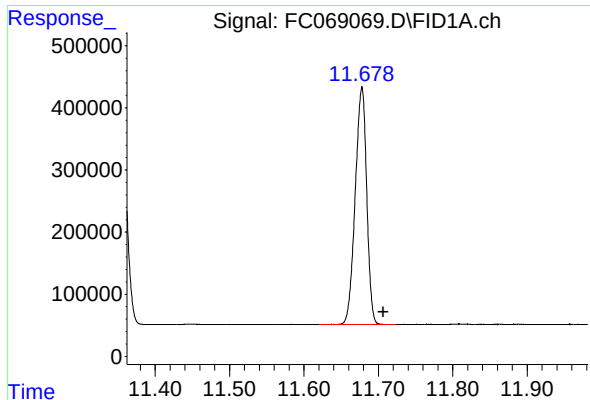
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.031 min
Response: 3748212
Conc: 36.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.028 min
Response: 3647898
Conc: 36.50 ug/ml m



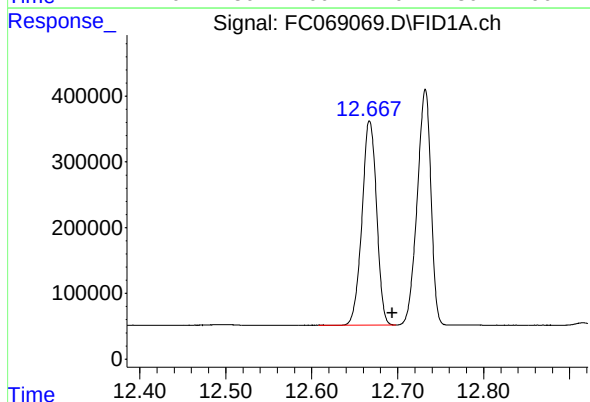
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.029 min
Response: 4089842
Conc: 33.16 ug/ml

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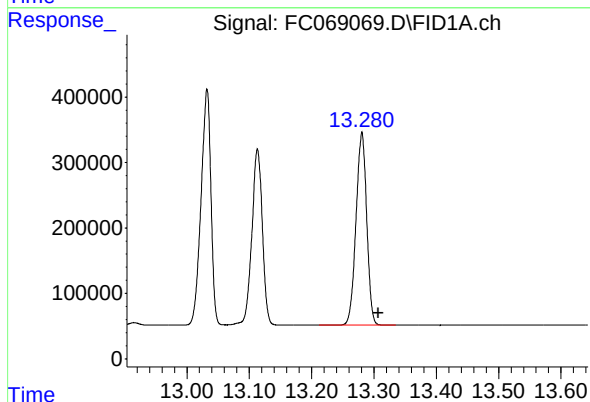
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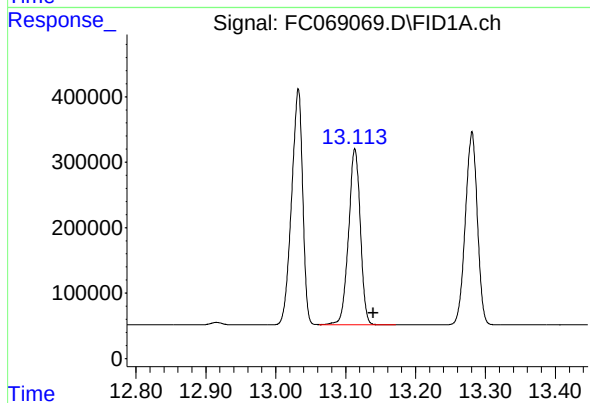
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.026 min
Response: 3666118
Conc: 37.64 ug/ml



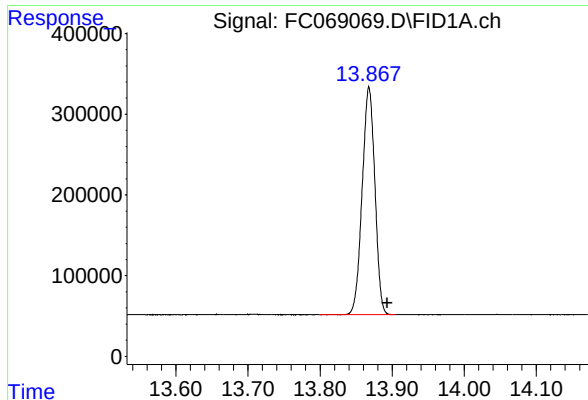
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.026 min
Response: 3504175
Conc: 36.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.026 min
Response: 3151948
Conc: 35.13 ug/ml



#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: -0.025 min
Response: 3458081
Conc: 36.30 ug/ml

Instrument :

FID_C

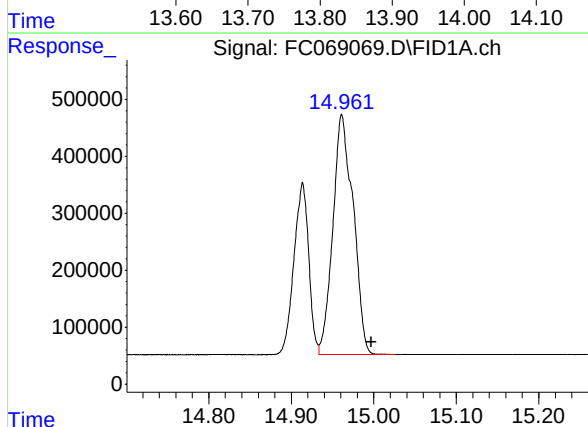
ClientSampleId :

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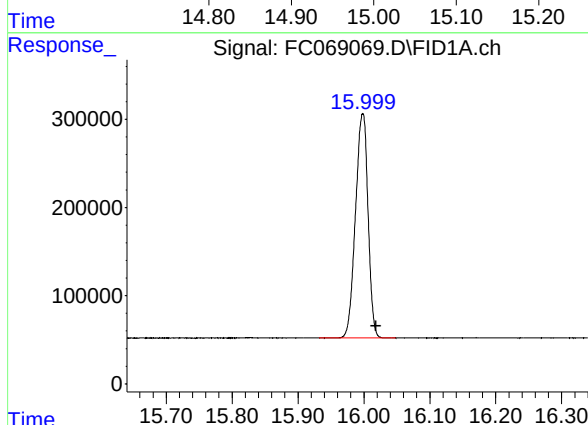
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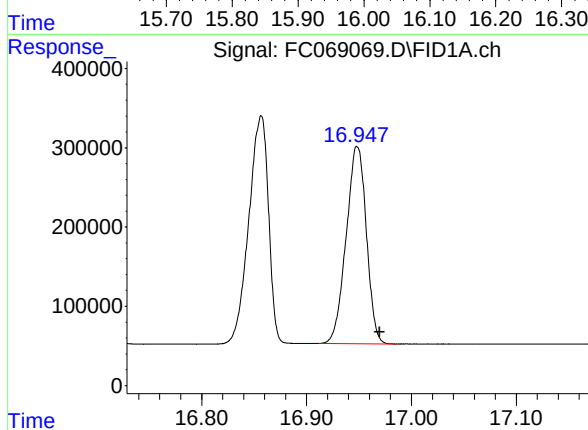
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.036 min
Response: 7208355
Conc: 76.56 ug/ml



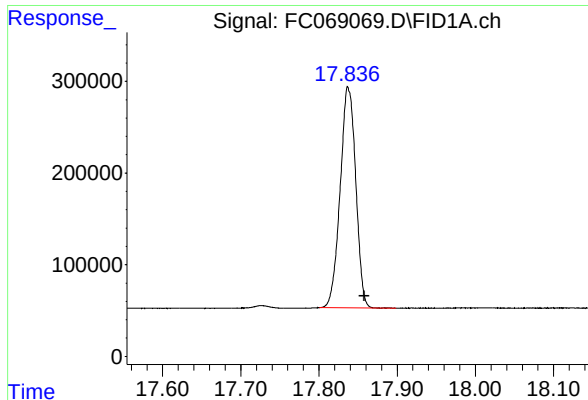
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.021 min
Response: 3364418
Conc: 36.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: -0.021 min
Response: 3337602
Conc: 35.91 ug/ml



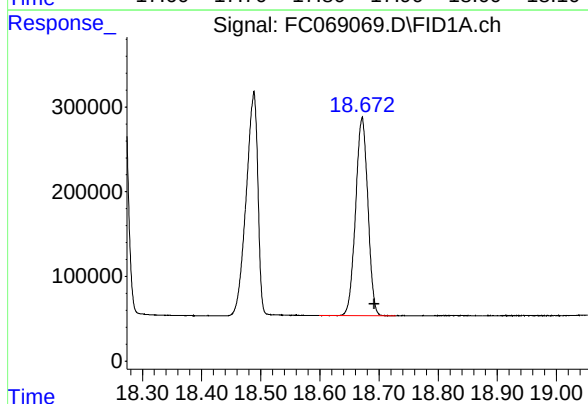
#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: -0.020 min
Response: 3338231
Conc: 34.50 ug/ml

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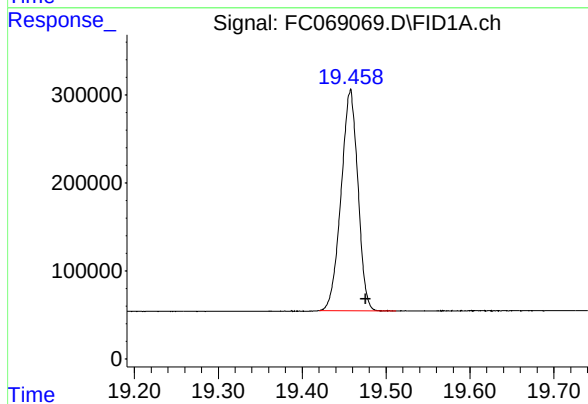
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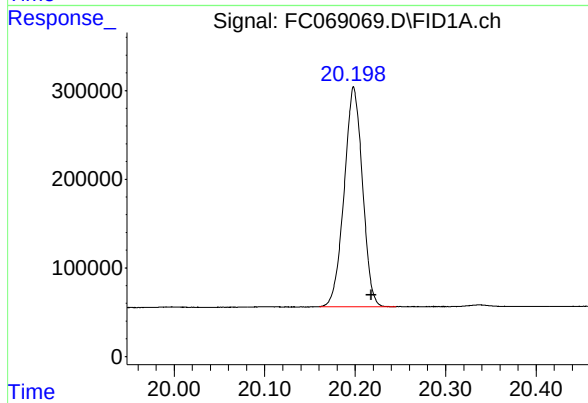
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.021 min
Response: 3364793
Conc: 33.95 ug/ml



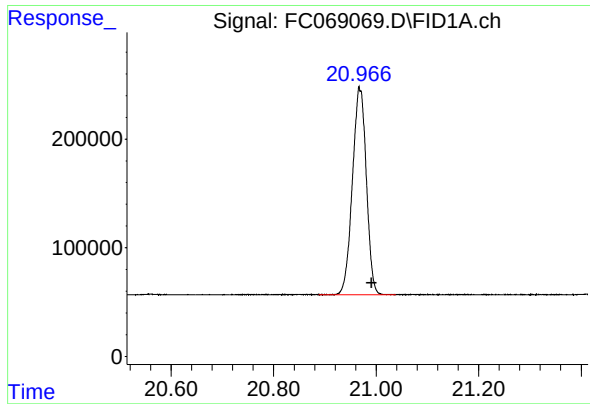
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.018 min
Response: 3497003
Conc: 36.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.199 min
Delta R.T.: -0.019 min
Response: 3482948
Conc: 36.69 ug/ml



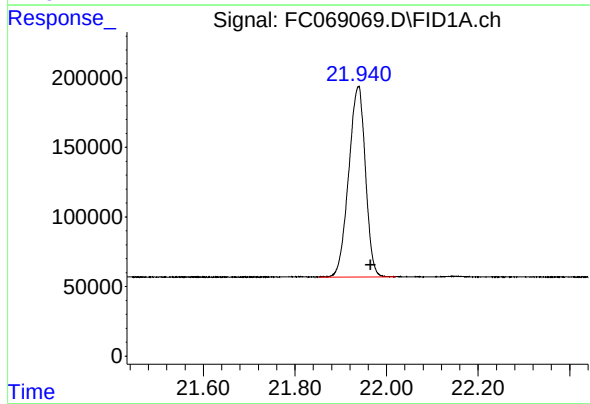
#21 n-Octatriacontane (C38)

R.T.: 20.968 min
Delta R.T.: -0.023 min
Response: 3590298
Conc: 39.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: -0.026 min
Response: 3472787
Conc: 39.36 ug/ml m