

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071425AL\
 Data File : FC069439.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2025 19:26
 Operator : YP/AJ
 Sample : Q2586-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-16MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File: autoint1.e
 Quant Time: Jul 15 01:50:35 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)	11.669	3985994	23.073 ug/ml
Spiked Amount 50.000		Recovery =	46.15%
12) S 1-chlorooctadecane (S...	13.105	3307205	25.315 ug/ml
Spiked Amount 50.000		Recovery =	50.63%
Target Compounds			
1) T n-Nonane (C9)	3.405	4847820	34.087 ug/ml
2) T n-Decane (C10)	4.478	5718128	39.060 ug/ml
3) T A~Naphthalene (C11.7)	6.071	7304891	45.402 ug/ml
4) T n-Dodecane (C12)	6.502	6442564	42.546 ug/ml
5) T A~2-methylnaphthalene...	7.131	7155545	45.217 ug/ml
6) T n-Tetradecane (C14)	8.302	7055772	45.520 ug/ml
7) T n-Hexadecane (C16)	9.905	7801491	47.740 ug/ml
8) T n-Octadecane (C18)	11.350	7971962	48.827 ug/ml
10) T n-Eicosane (C20)	12.663	8033202	52.629 ug/ml
11) T n-Heneicosane (C21)	13.275	7580524	51.431 ug/ml
13) T n-Docosane (C22)	13.862	7396008	51.403 ug/ml
14) T n-Tetracosane (C24)	14.961	14255020	103.349 ug/ml
15) T n-Hexacosane (C26)	15.990	6730918	51.490 ug/ml
16) T n-Octacosane (C28)	16.940	6452245	52.317 ug/ml
17) T n-Tricontane (C30)	17.831	6277248	52.802 ug/ml
18) T n-Dotriacontane (C32)	18.663	6154641	56.290 ug/ml
19) T n-Tetratriacontane (C34)	19.448	6347232	65.729 ug/ml
20) T n-Hexatriacontane (C36)	20.187	6077303	73.743 ug/ml
21) T n-Octatriacontane (C38)	20.955	6142352	82.193 ug/ml
22) T n-Tetracontane (C40)	21.917	6018442	84.987 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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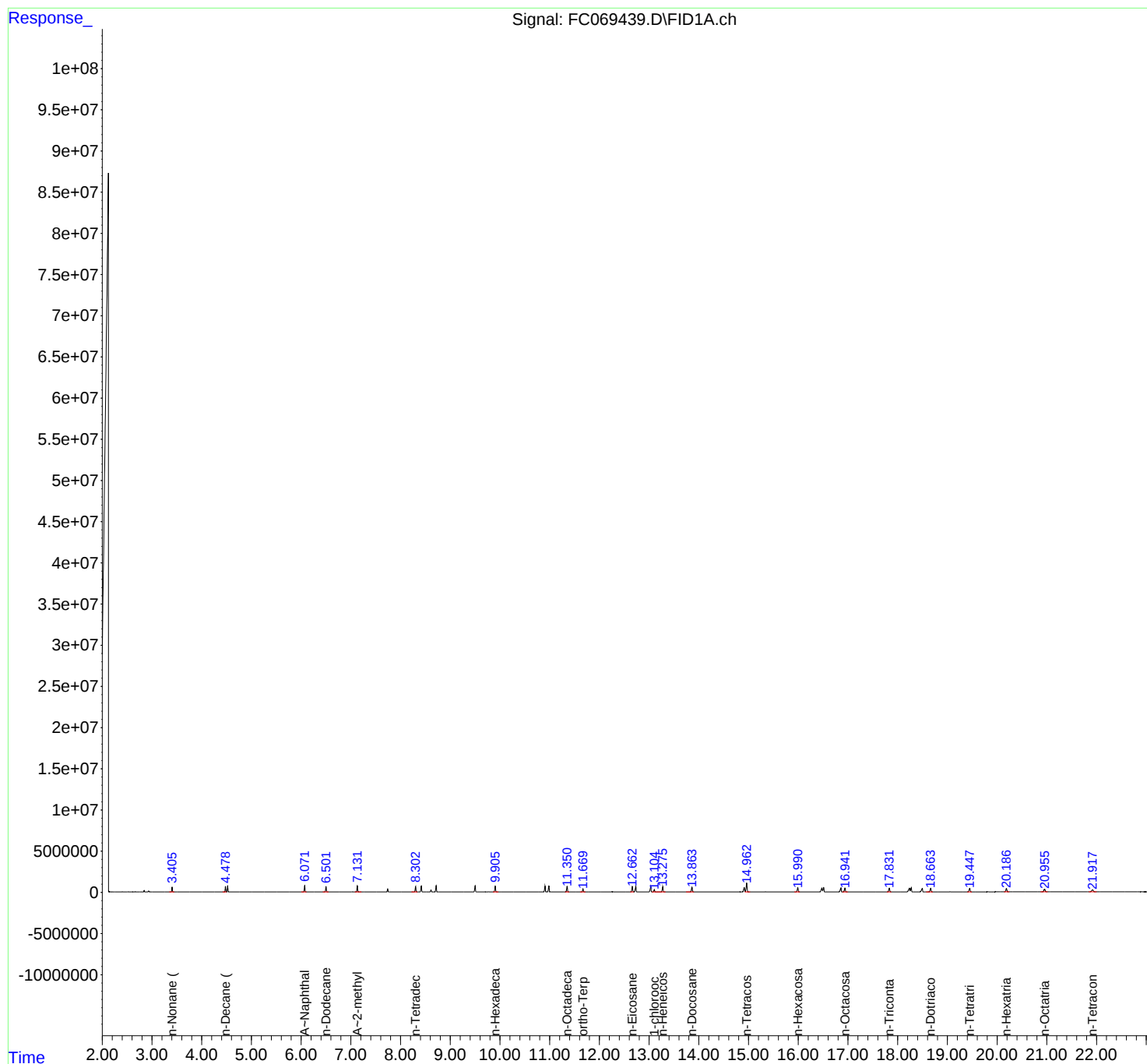
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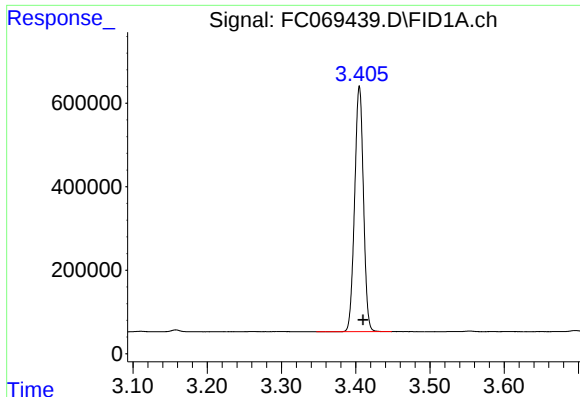
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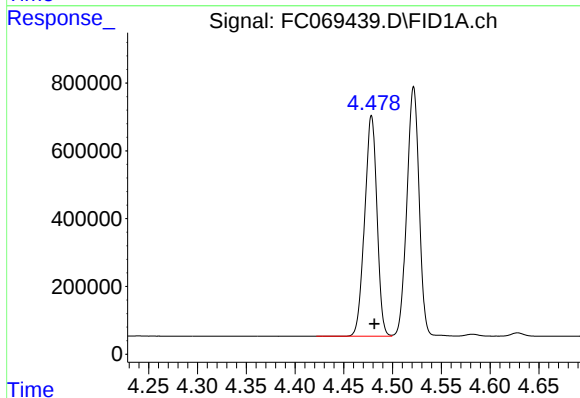
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: -0.005 min
Response: 4847820
Conc: 34.09 ug/ml

Instrument :
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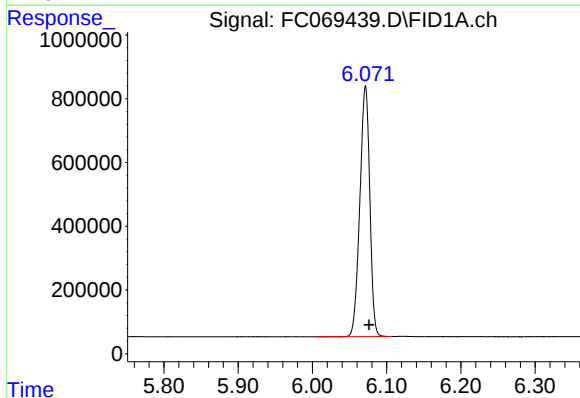
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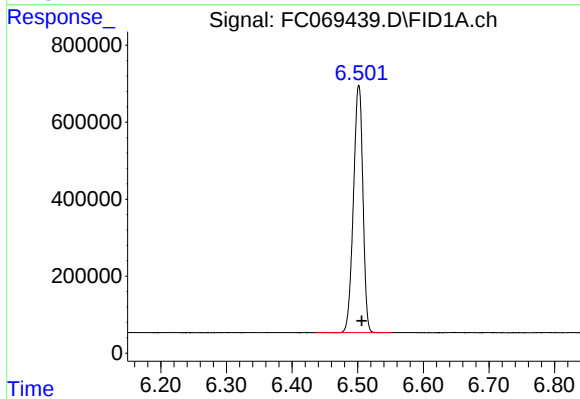
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.003 min
Response: 5718128
Conc: 39.06 ug/ml



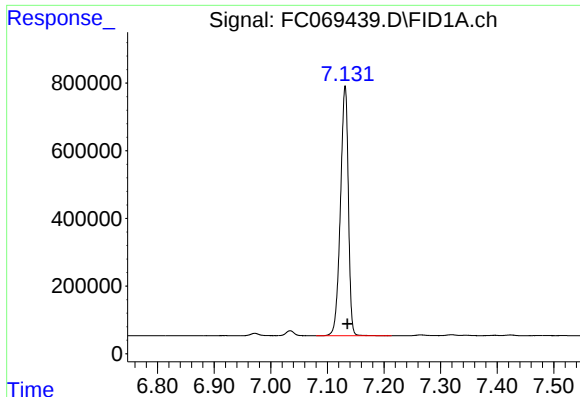
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 7304891
Conc: 45.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 6442564
Conc: 42.55 ug/ml



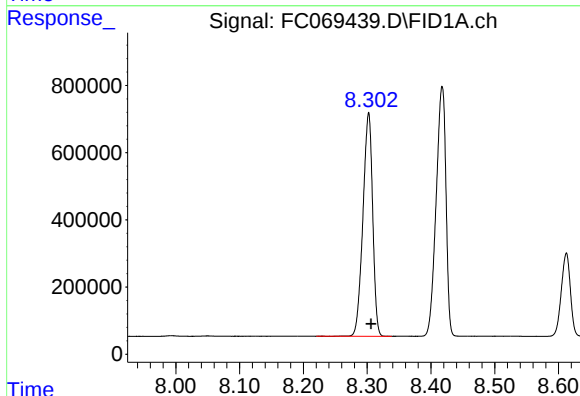
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 7155545
Conc: 45.22 ug/ml

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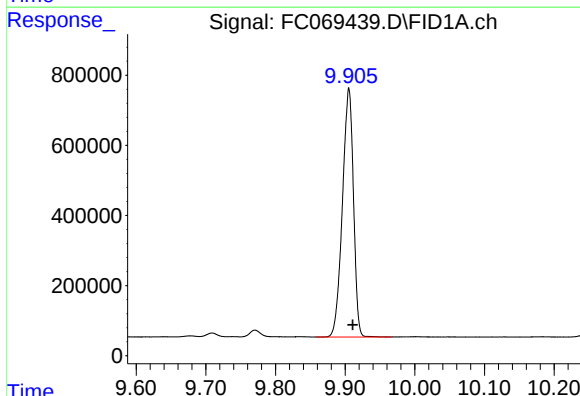
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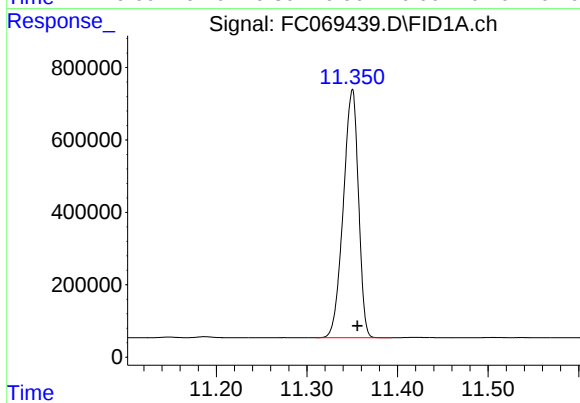
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: -0.004 min
Response: 7055772
Conc: 45.52 ug/ml



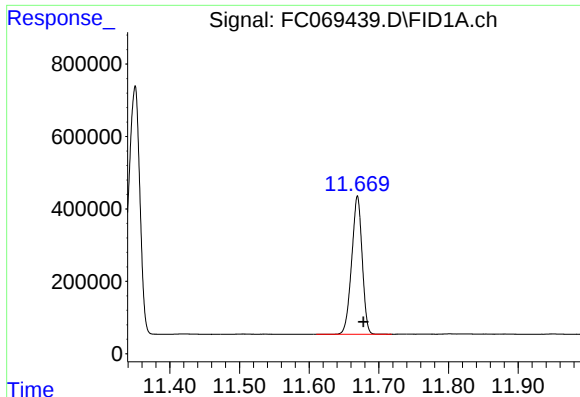
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: -0.005 min
Response: 7801491
Conc: 47.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.350 min
Delta R.T.: -0.006 min
Response: 7971962
Conc: 48.83 ug/ml



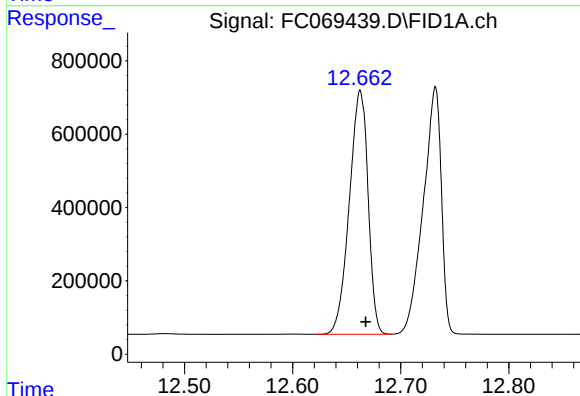
#9 ortho-Terphenyl (SURR)

R.T.: 11.669 min
Delta R.T.: -0.008 min
Response: 3985994
Conc: 23.07 ug/ml

Instrument :
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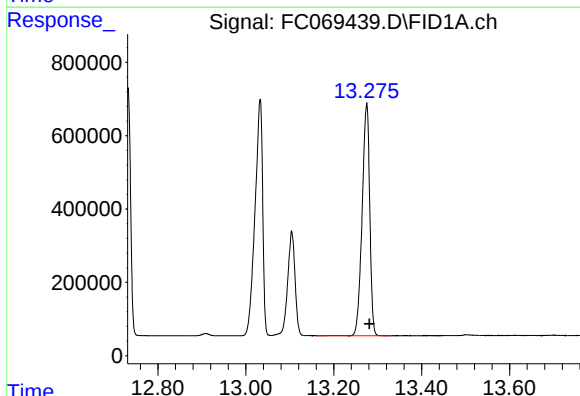
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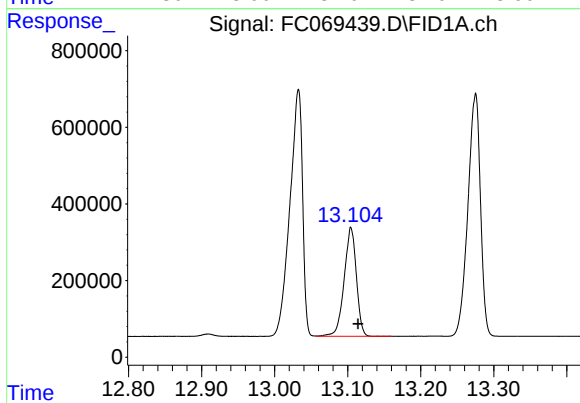
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.005 min
Response: 8033202
Conc: 52.63 ug/ml



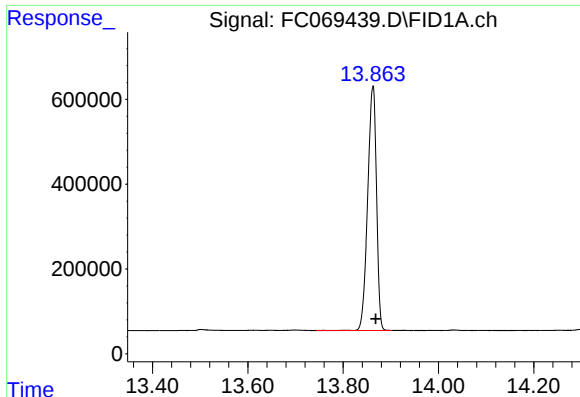
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: -0.006 min
Response: 7580524
Conc: 51.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min
Delta R.T.: -0.010 min
Response: 3307205
Conc: 25.32 ug/ml



#13 n-Docosane (C22)

R.T.: 13.862 min
Delta R.T.: -0.006 min
Response: 7396008
Conc: 51.40 ug/ml

Instrument :

FID_C

ClientSampleId :

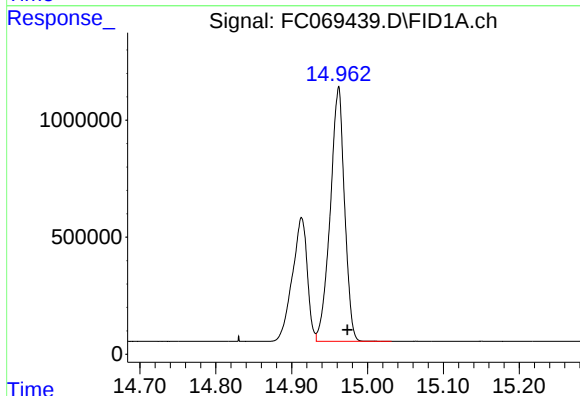
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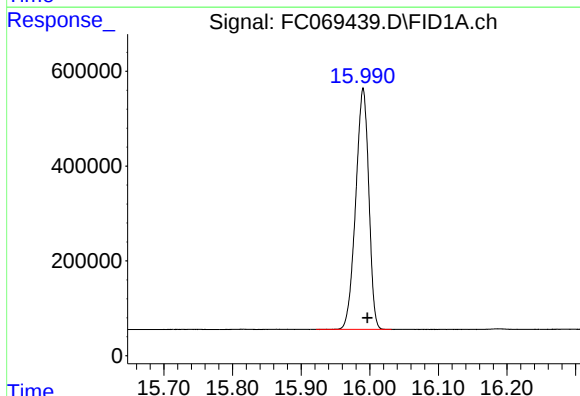
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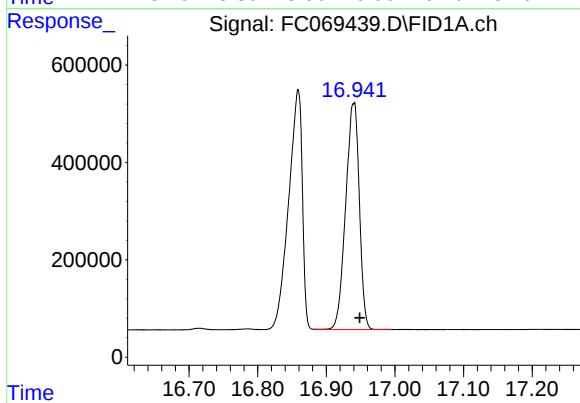
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.012 min
Response: 14255020
Conc: 103.35 ug/ml



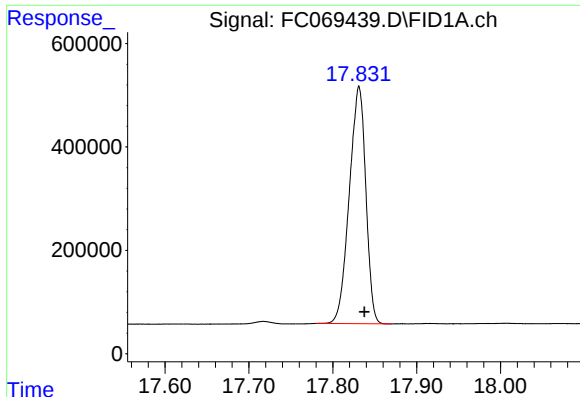
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: -0.006 min
Response: 6730918
Conc: 51.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.940 min
Delta R.T.: -0.009 min
Response: 6452245
Conc: 52.32 ug/ml



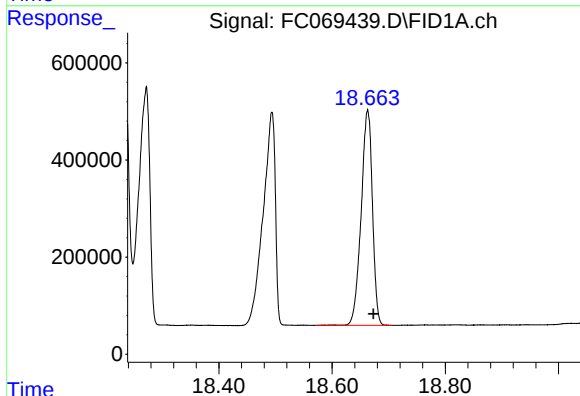
#17 n-Tricontane (C30)

R.T.: 17.831 min
Delta R.T.: -0.006 min
Response: 6277248
Conc: 52.80 ug/ml

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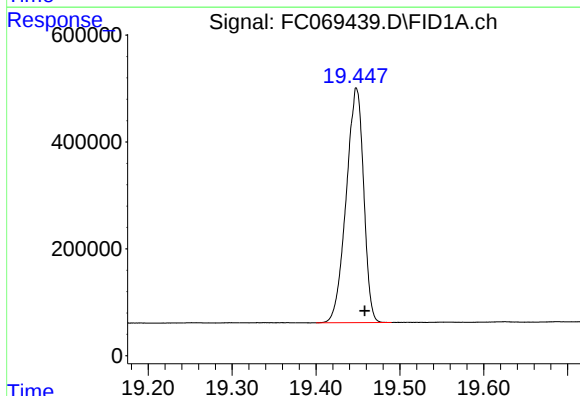
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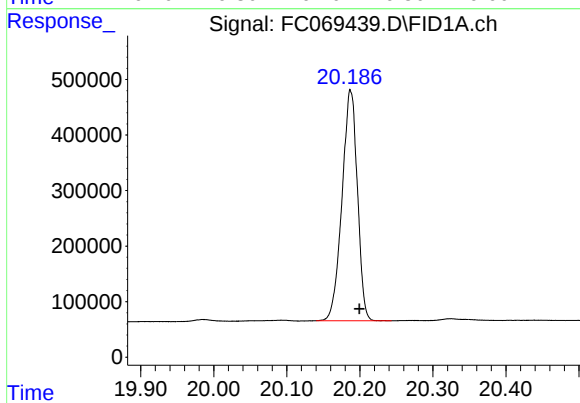
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.010 min
Response: 6154641
Conc: 56.29 ug/ml



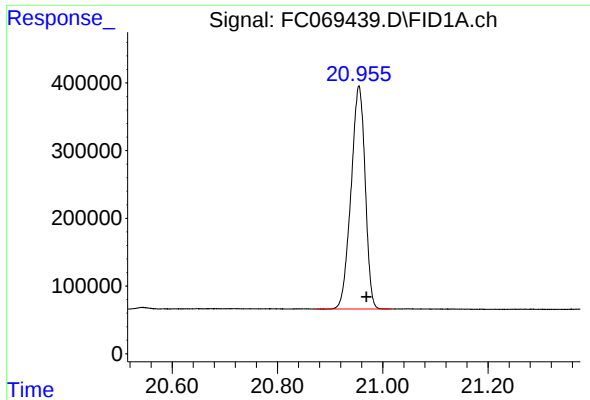
#19 n-Tetratriacontane (C34)

R.T.: 19.448 min
Delta R.T.: -0.010 min
Response: 6347232
Conc: 65.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.187 min
Delta R.T.: -0.012 min
Response: 6077303
Conc: 73.74 ug/ml



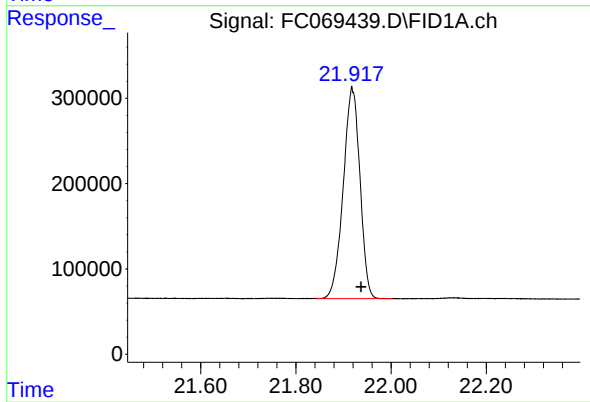
#21 n-Octatriacontane (C38)

R.T.: 20.955 min
Delta R.T.: -0.014 min
Response: 6142352
Conc: 82.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: -0.020 min
Response: 6018442
Conc: 84.99 ug/ml m