

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070925AL\
 Data File : FC069406.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 19:04
 Operator : YP/AJ
 Sample : Q2517-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-14MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
 Quant Time: Jul 10 03:40:59 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)	11.676	5382329	31.155 ug/ml
Spiked Amount 50.000		Recovery =	62.31%
12) S 1-chlorooctadecane (S...	13.111	4457240	34.118 ug/ml
Spiked Amount 50.000		Recovery =	68.24%
Target Compounds			
1) T n-Nonane (C9)	3.405	5423798	38.137 ug/ml
2) T n-Decane (C10)	4.480	6242858	42.644 ug/ml
3) T A~Naphthalene (C11.7)	6.074	8181433	50.850 ug/ml
4) T n-Dodecane (C12)	6.505	7194925	47.515 ug/ml
5) T A~2-methylnaphthalene...	7.135	8145184	51.471 ug/ml
6) T n-Tetradecane (C14)	8.307	7988896	51.540 ug/ml
7) T n-Hexadecane (C16)	9.910	8625430	52.782 ug/ml
8) T n-Octadecane (C18)	11.356	8637558	52.903 ug/ml
10) T n-Eicosane (C20)	12.668	8677625	56.850 ug/ml
11) T n-Heneicosane (C21)	13.280	8181433	55.508 ug/ml
13) T n-Docosane (C22)	13.867	7983239	55.484 ug/ml
14) T n-Tetracosane (C24)	14.968	15541691	112.677 ug/ml
15) T n-Hexacosane (C26)	15.996	7243946	55.414 ug/ml
16) T n-Octacosane (C28)	16.946	6911625	56.042 ug/ml
17) T n-Tricontane (C30)	17.837	6719470	56.521 ug/ml
18) T n-Dotriacontane (C32)	18.668	6573799	60.124 ug/ml
19) T n-Tetratriacontane (C34)	19.453	6814219	70.565 ug/ml
20) T n-Hexatriacontane (C36)	20.193	6549289	79.470 ug/ml
21) T n-Octatriacontane (C38)	20.962	6640572	88.860 ug/ml
22) T n-Tetracontane (C40)	21.927	6541120	92.368 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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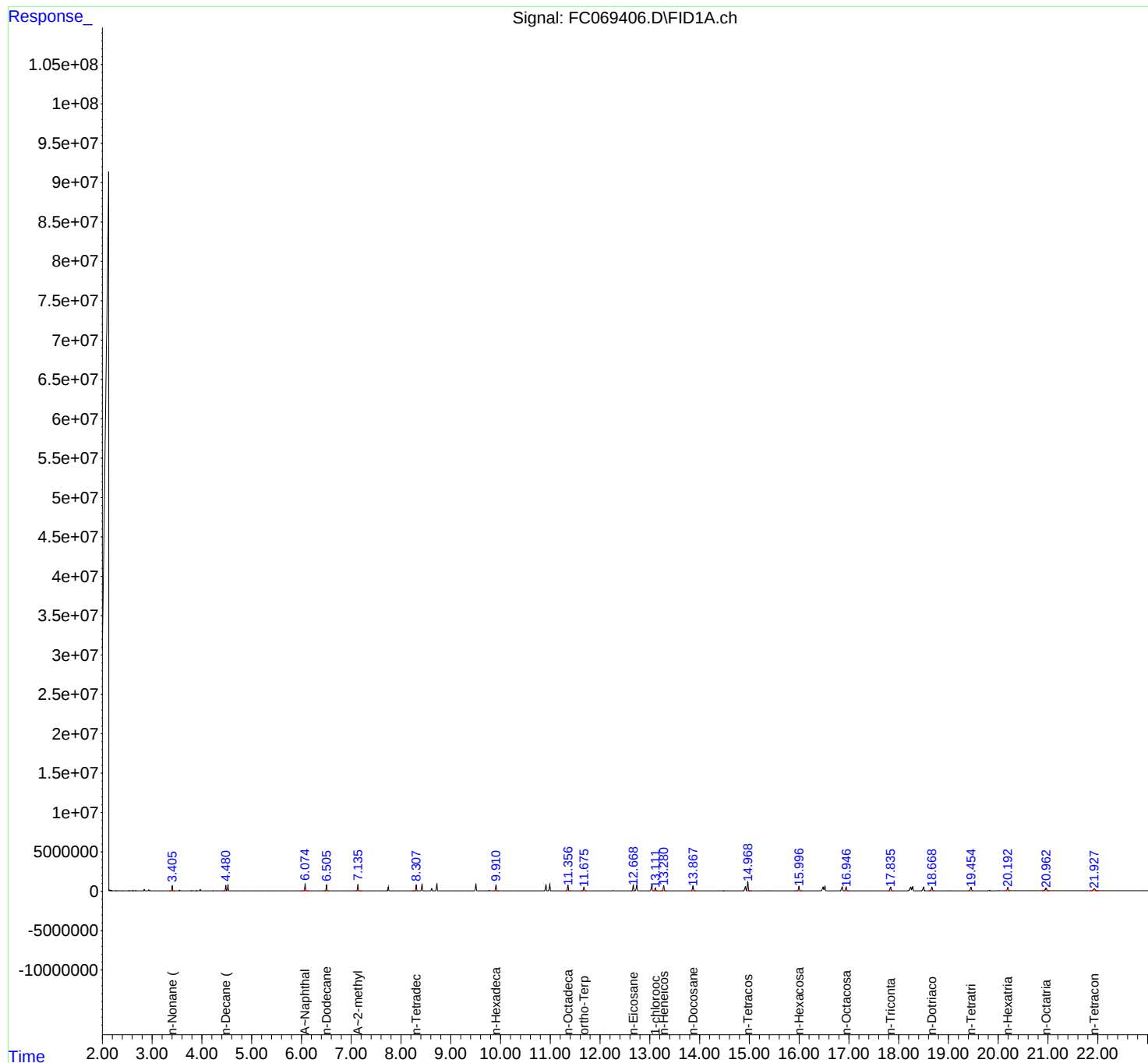
Instrument :
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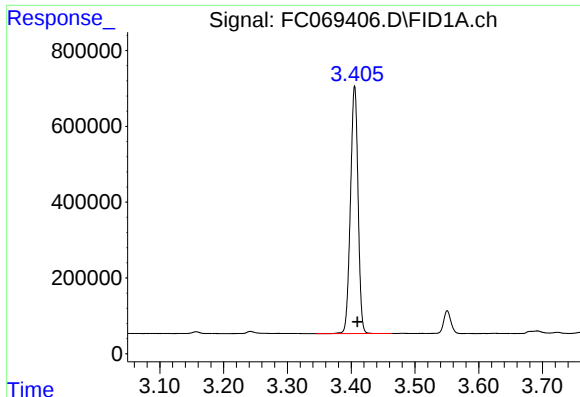
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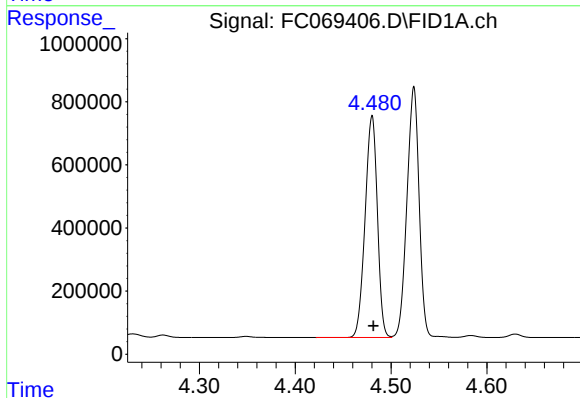
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: -0.005 min
Response: 5423798
Conc: 38.14 ug/ml

Instrument :
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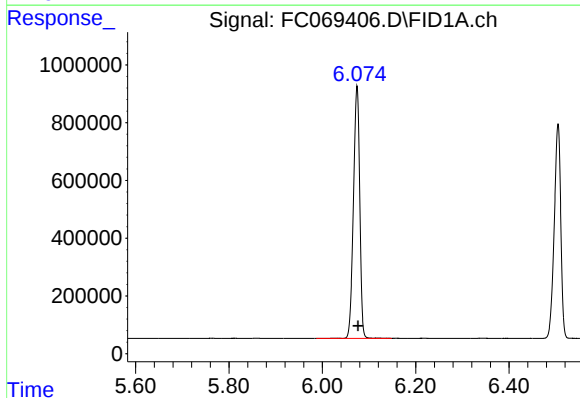
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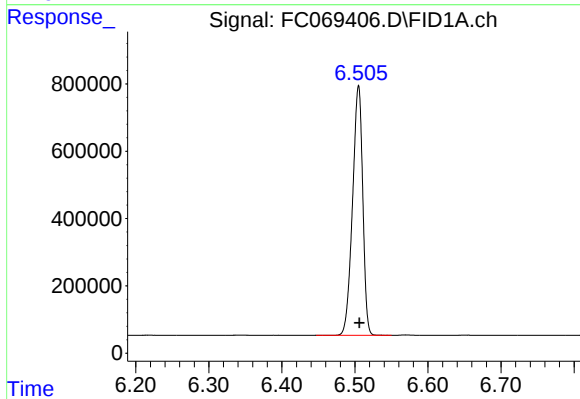
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.001 min
Response: 6242858
Conc: 42.64 ug/ml



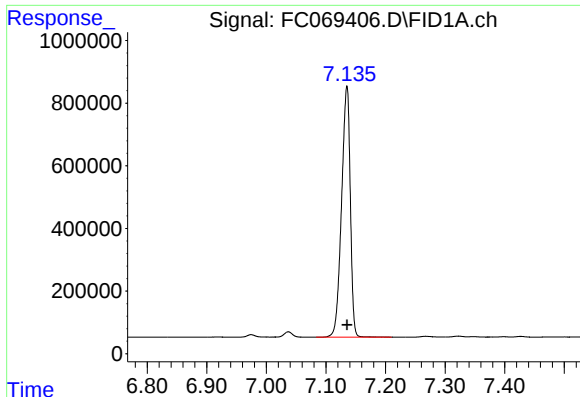
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 8181433
Conc: 50.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 7194925
Conc: 47.51 ug/ml



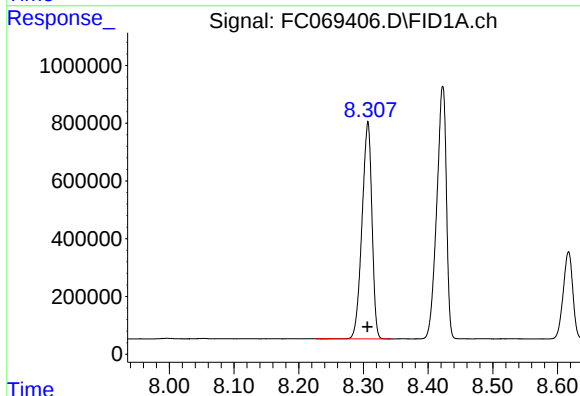
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 8145184
Conc: 51.47 ug/ml

Instrument :
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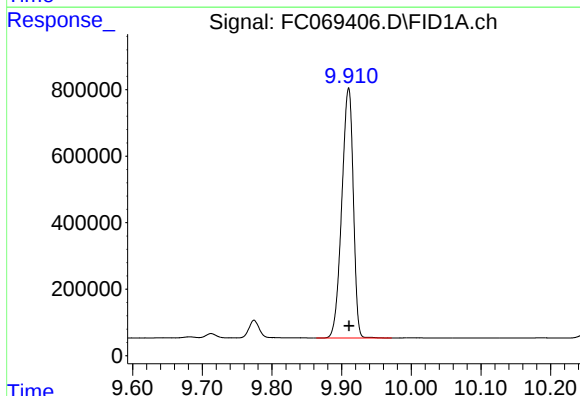
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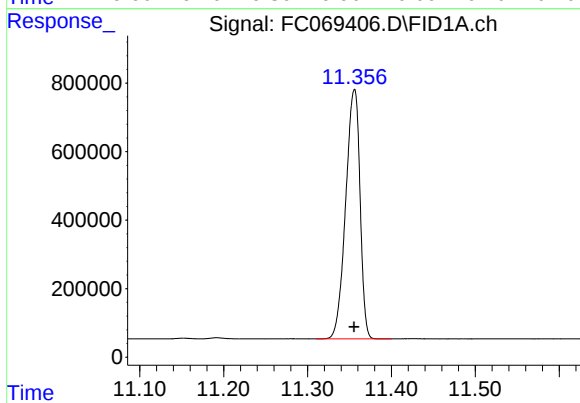
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 7988896
Conc: 51.54 ug/ml



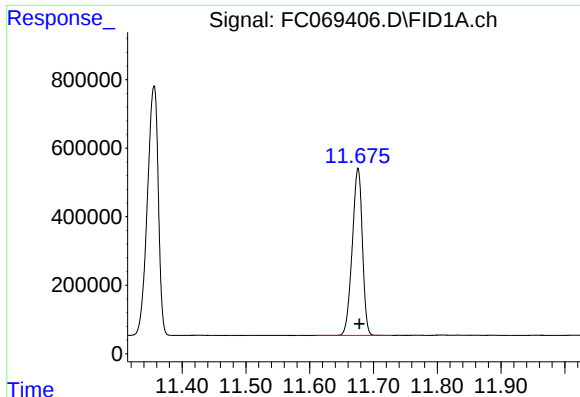
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: 0.000 min
Response: 8625430
Conc: 52.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 8637558
Conc: 52.90 ug/ml



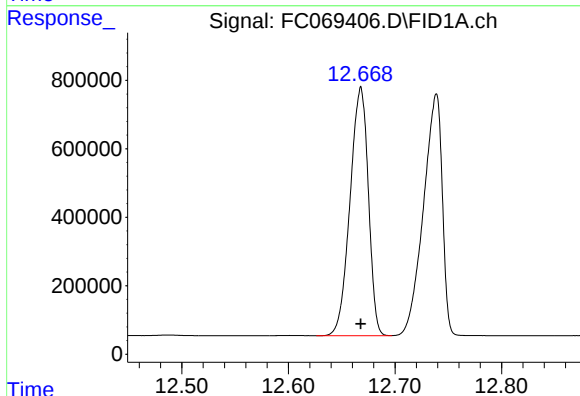
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.002 min
Response: 5382329
Conc: 31.16 ug/ml

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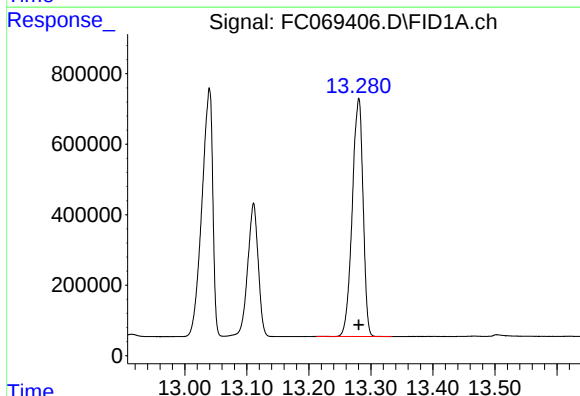
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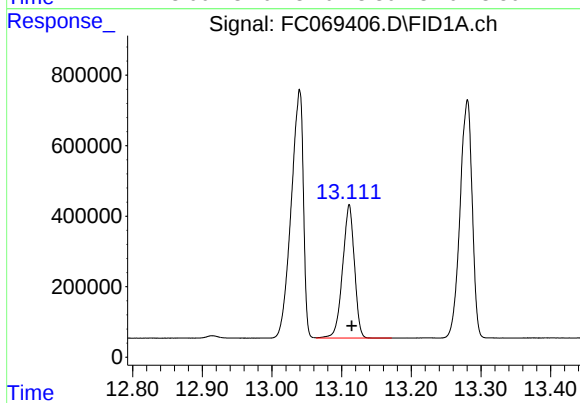
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 8677625
Conc: 56.85 ug/ml



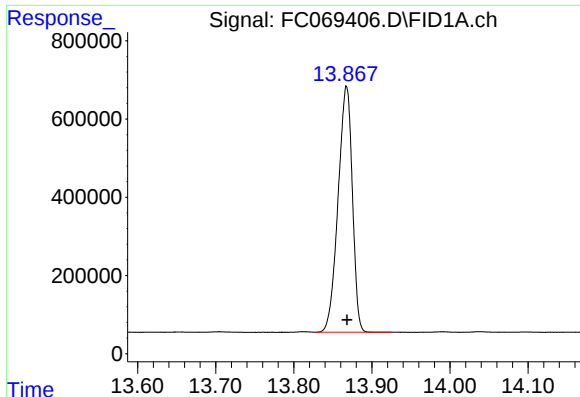
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: 0.000 min
Response: 8181433
Conc: 55.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.004 min
Response: 4457240
Conc: 34.12 ug/ml



#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: 0.000 min
Response: 7983239
Conc: 55.48 ug/ml

Instrument :

FID_C

ClientSampleId :

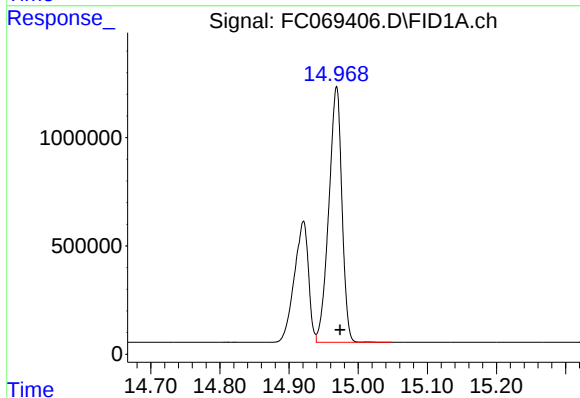
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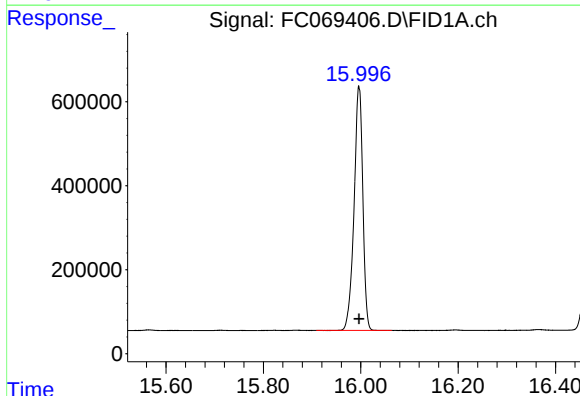
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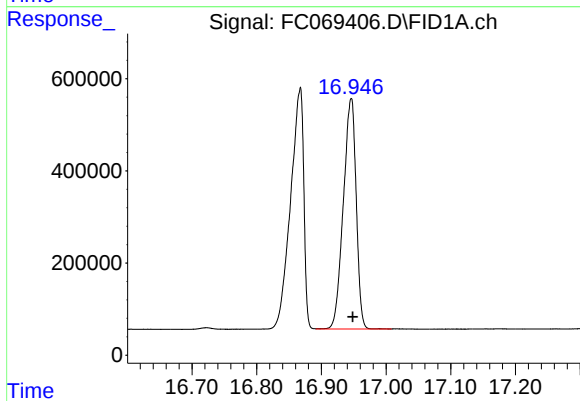
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.005 min
Response: 15541691
Conc: 112.68 ug/ml



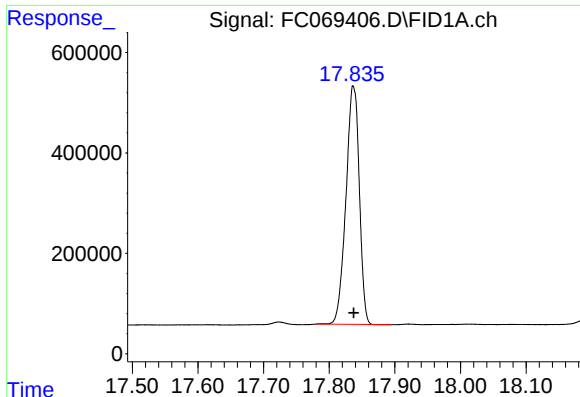
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.000 min
Response: 7243946
Conc: 55.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: -0.003 min
Response: 6911625
Conc: 56.04 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.000 min
Response: 6719470
Conc: 56.52 ug/ml

Instrument :

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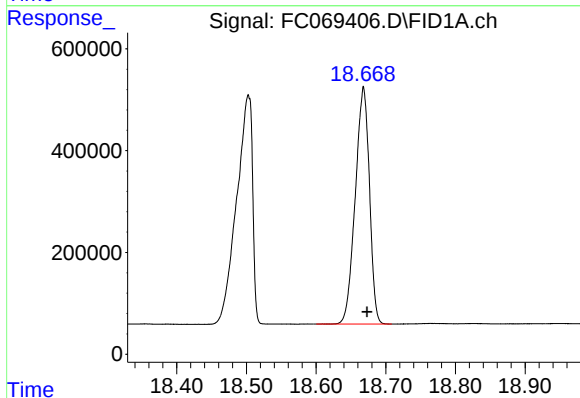
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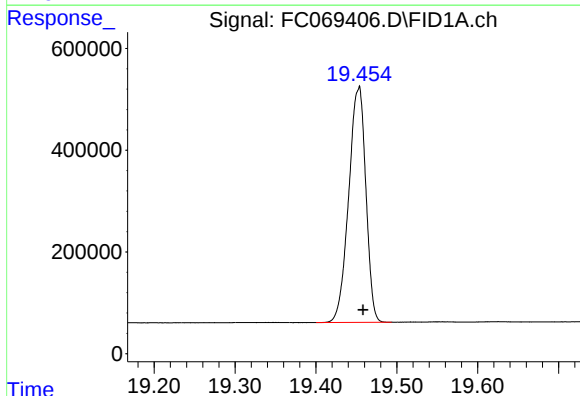
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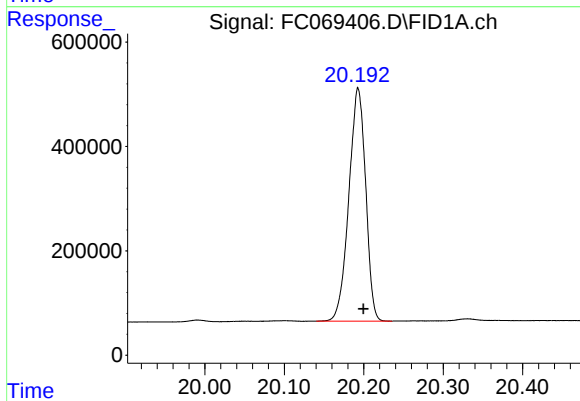
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: -0.005 min
Response: 6573799
Conc: 60.12 ug/ml



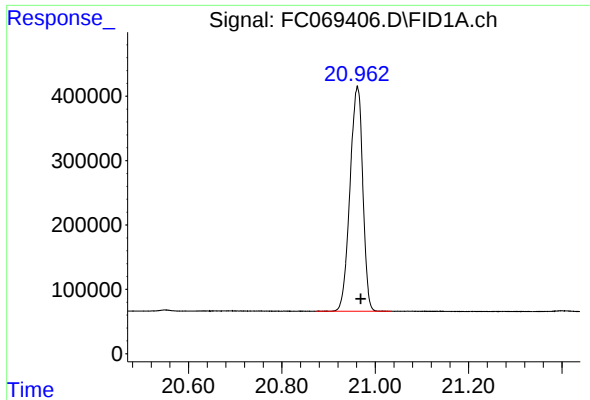
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: -0.006 min
Response: 6814219
Conc: 70.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.193 min
Delta R.T.: -0.007 min
Response: 6549289
Conc: 79.47 ug/ml



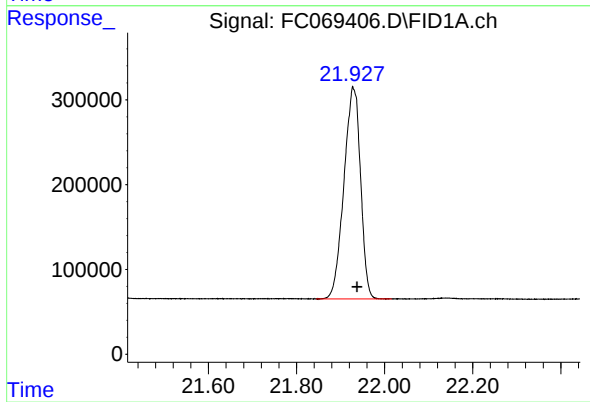
#21 n-Octatriacontane (C38)

R.T.: 20.962 min
Delta R.T.: -0.007 min
Response: 6640572
Conc: 88.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: -0.010 min
Response: 6541120
Conc: 92.37 ug/ml m