

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100225AL\
 Data File : FC069905.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2025 20:50
 Operator : YP/AJ
 Sample : Q3253-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ARS20-0009MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 04:32:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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)	11.652	7172746	38.296 ug/mlm
Spiked Amount 50.000		Recovery =	76.59%
12) S 1-chlorooctadecane (S...	13.088	5173610	32.761 ug/mlm
Spiked Amount 50.000		Recovery =	65.52%
Target Compounds			
1) T n-Nonane (C9)	3.386	3810085	29.722 ug/ml
2) T n-Decane (C10)	4.458	4583070	34.490 ug/ml
3) T A~Naphthalene (C11.7)	6.050	5737681	38.651 ug/ml
4) T n-Dodecane (C12)	6.481	5683002	40.739 ug/ml
5) T A~2-methylnaphthalene...	7.108	6082693	41.199 ug/ml
6) T n-Tetradecane (C14)	8.281	6998593	47.186 ug/ml
7) T n-Hexadecane (C16)	9.884	7609616	46.111 ug/mlm
8) T n-Octadecane (C18)	11.333	10763017	60.392 ug/mlm
10) T n-Eicosane (C20)	12.645	7903697	43.882 ug/mlm
11) T n-Heneicosane (C21)	13.255	7142651	39.612 ug/mlm
13) T n-Docosane (C22)	13.840	6999769	38.529 ug/mlm
14) T n-Tetracosane (C24)	14.937	12804360	69.588 ug/mlm
15) T n-Hexacosane (C26)	15.962	6339146	34.915 ug/ml
16) T n-Octacosane (C28)	16.910	5991771	33.942 ug/mlm
17) T n-Tricontane (C30)	17.801	5724194	32.704 ug/ml
18) T n-Dotriacontane (C32)	18.633	5362344	33.145 ug/mlm
19) T n-Tetratriacontane (C34)	19.416	5135454	36.747 ug/ml
20) T n-Hexatriacontane (C36)	20.156	4360773	38.625 ug/ml
21) T n-Octatriacontane (C38)	20.913	3916061	40.595 ug/mlm
22) T n-Tetracontane (C40)	21.866	3618951	42.019 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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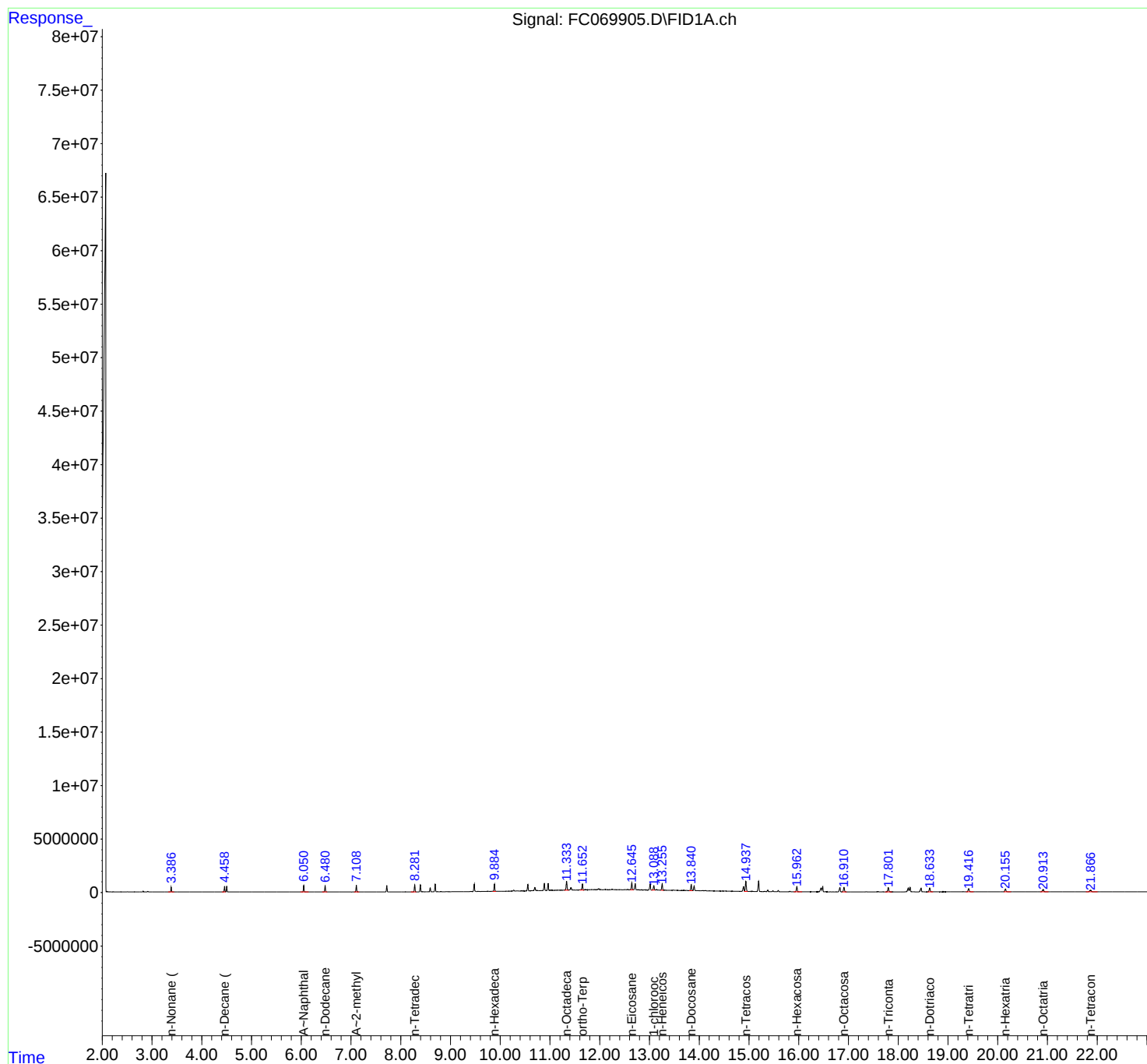
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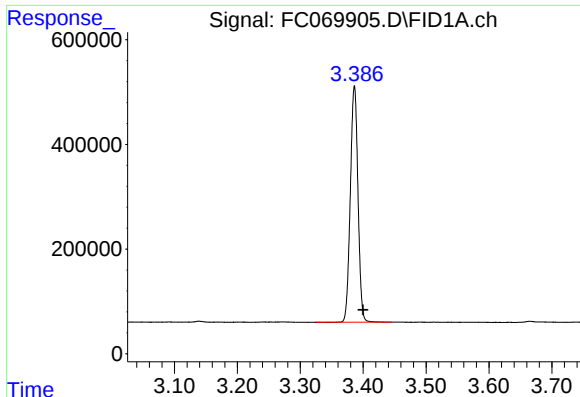
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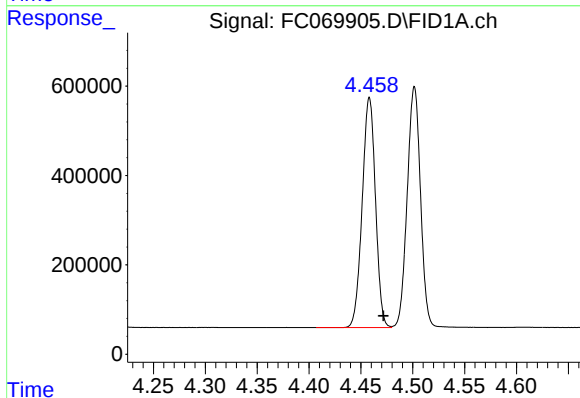
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: -0.014 min
Response: 3810085
Conc: 29.72 ug/ml

Instrument :
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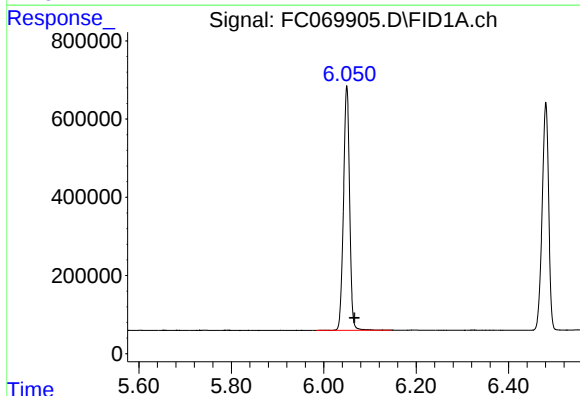
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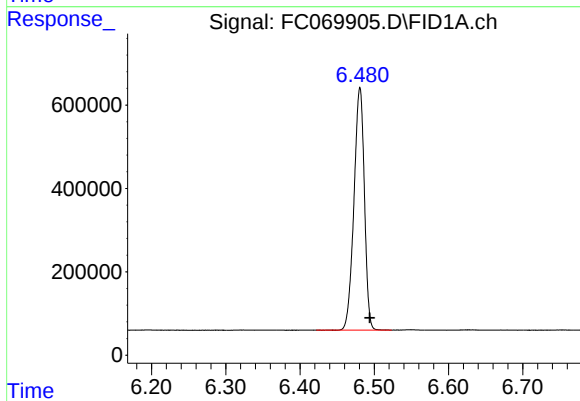
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.014 min
Response: 4583070
Conc: 34.49 ug/ml



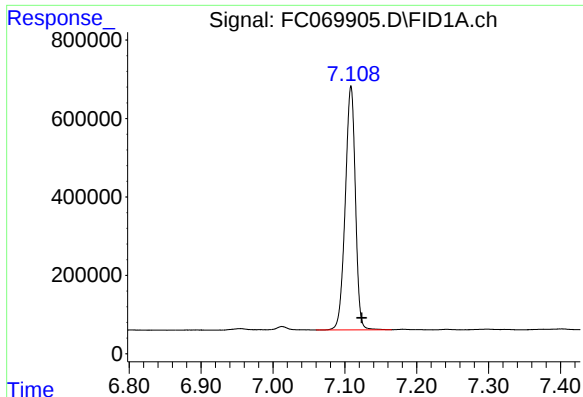
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.017 min
Response: 5737681
Conc: 38.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.481 min
Delta R.T.: -0.013 min
Response: 5683002
Conc: 40.74 ug/ml



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

R.T.: 7.108 min
Delta R.T.: -0.015 min
Response: 6082693
Conc: 41.20 ug/ml

Instrument :

FID_C

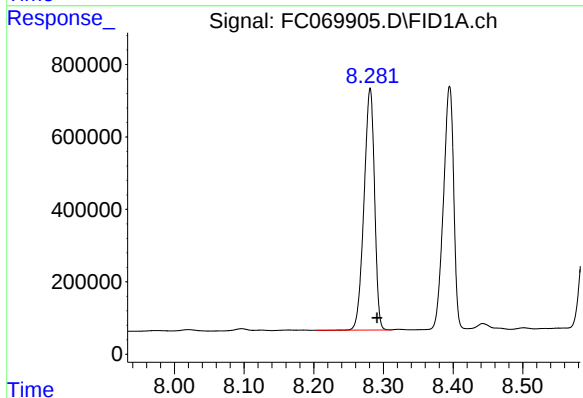
ClientSampleId :

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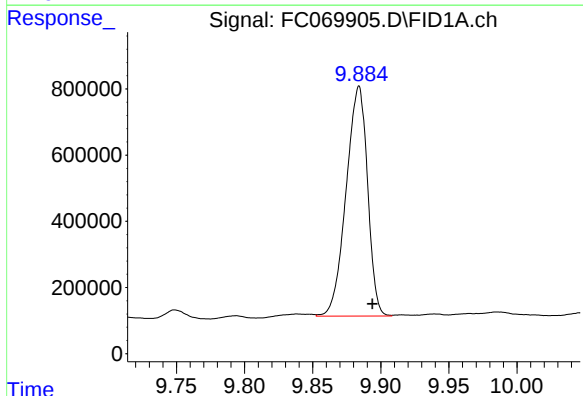
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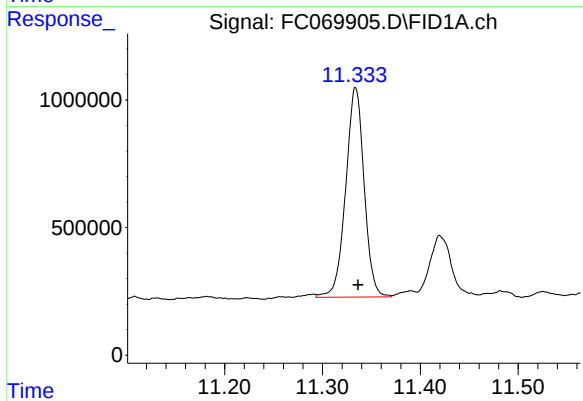
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.010 min
Response: 6998593
Conc: 47.19 ug/ml



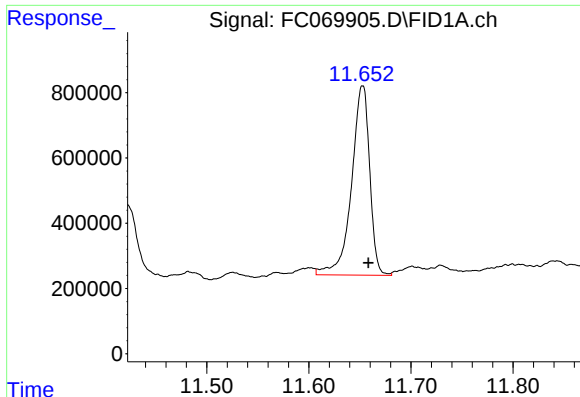
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.010 min
Response: 7609616
Conc: 46.11 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.333 min
Delta R.T.: -0.004 min
Response: 10763017
Conc: 60.39 ug/ml m



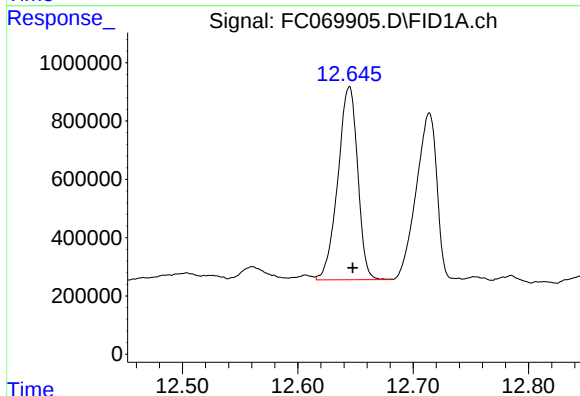
#9 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: -0.007 min
Response: 7172746
Conc: 38.30 ug/ml

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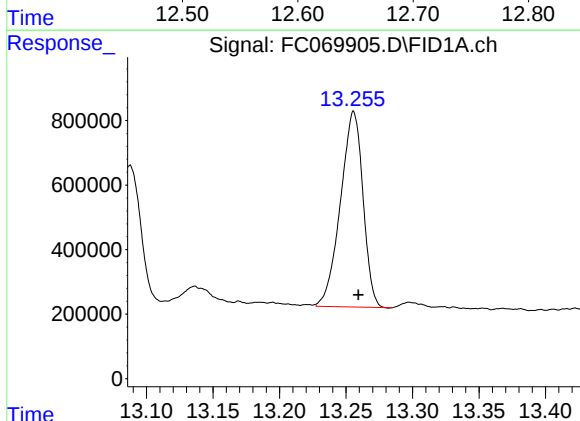
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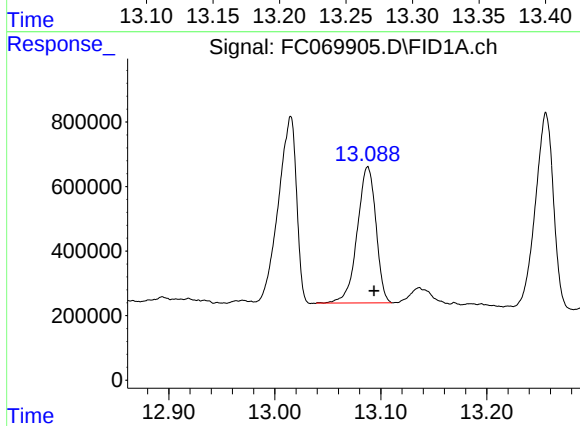
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: -0.003 min
Response: 7903697
Conc: 43.88 ug/ml m



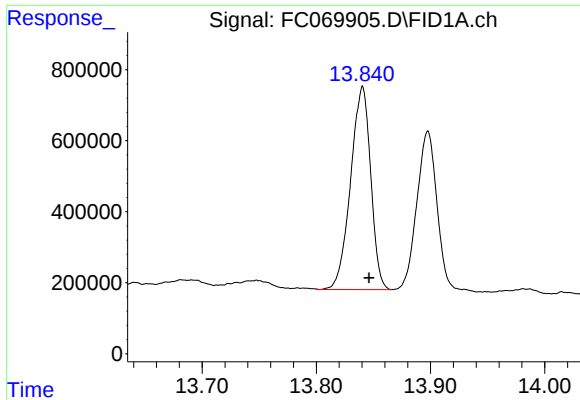
#11 n-Heneicosane (C21)

R.T.: 13.255 min
Delta R.T.: -0.004 min
Response: 7142651
Conc: 39.61 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: -0.006 min
Response: 5173610
Conc: 32.76 ug/ml m



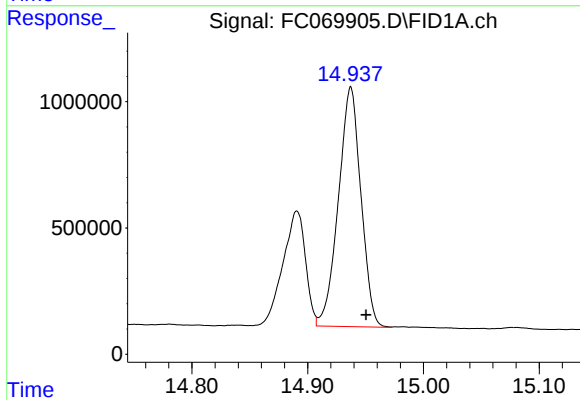
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.006 min
Response: 6999769
Conc: 38.53 ug/ml

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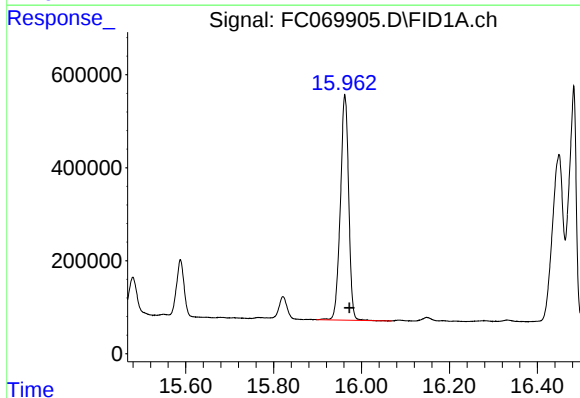
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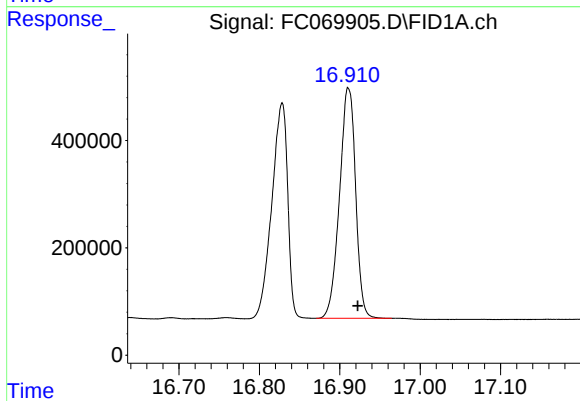
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.013 min
Response: 12804360
Conc: 69.59 ug/ml m



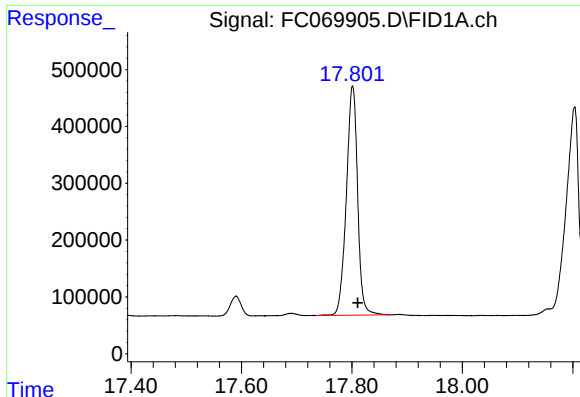
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: -0.010 min
Response: 6339146
Conc: 34.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.013 min
Response: 5991771
Conc: 33.94 ug/ml m



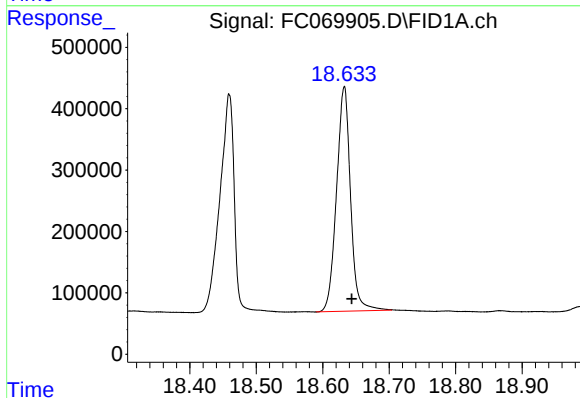
#17 n-Tricontane (C30)

R.T.: 17.801 min
Delta R.T.: -0.010 min
Response: 5724194
Conc: 32.70 ug/ml

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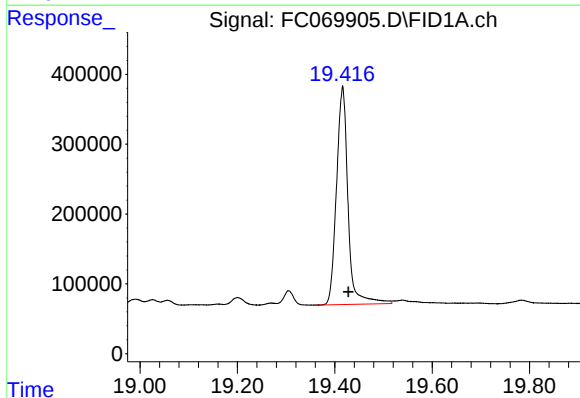
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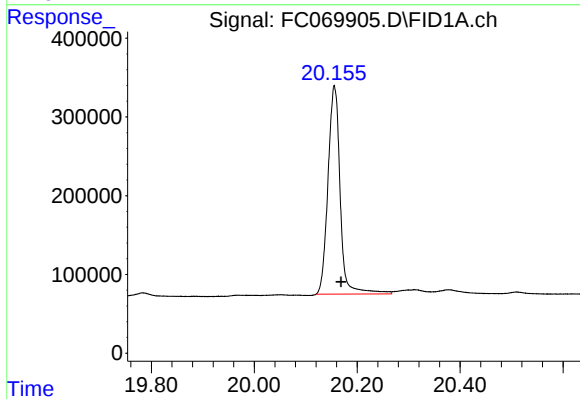
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: -0.011 min
Response: 5362344
Conc: 33.14 ug/ml m



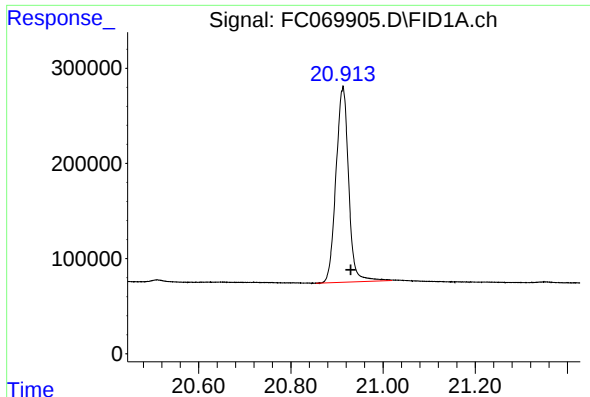
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.012 min
Response: 5135454
Conc: 36.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.156 min
Delta R.T.: -0.012 min
Response: 4360773
Conc: 38.63 ug/ml



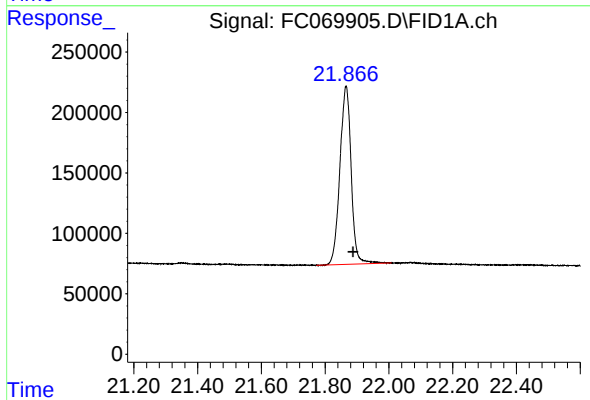
#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.017 min
Response: 3916061
Conc: 40.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: -0.022 min
Response: 3618951
Conc: 42.02 ug/ml