

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080725AL\
 Data File : FC069605.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2025 18:10
 Operator : YP/AJ
 Sample : Q2779-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File: autoint1.e
 Quant Time: Aug 08 02:27:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.670	4340113	29.092 ug/mlm
Spiked Amount 50.000		Recovery =	58.18%
12) S 1-chlorooctadecane (S...	13.106	3743311	34.335 ug/ml
Spiked Amount 50.000		Recovery =	68.67%
Target Compounds			
1) T n-Nonane (C9)	3.401	3223299	22.624 ug/ml
2) T n-Decane (C10)	4.474	3622813	24.919 ug/ml
3) T A~Naphthalene (C11.7)	6.069	4522954	29.150 ug/mlm
4) T n-Dodecane (C12)	6.498	4064476	27.804 ug/ml
5) T A~2-methylnaphthalene...	7.129	4251463	28.868 ug/ml
6) T n-Tetradecane (C14)	8.298	4175864	29.261 ug/ml
7) T n-Hexadecane (C16)	9.901	4617332	32.029 ug/mlm
8) T n-Octadecane (C18)	11.347	4505902	31.864 ug/ml
10) T n-Eicosane (C20)	12.661	4780811	36.293 ug/ml
11) T n-Heneicosane (C21)	13.273	4680803	36.700 ug/ml
13) T n-Docosane (C22)	13.861	4297936	34.405 ug/ml
14) T n-Tetracosane (C24)	14.961	9027223	74.808 ug/ml
15) T n-Hexacosane (C26)	15.989	4001839	34.633 ug/mlm
16) T n-Octacosane (C28)	16.940	4056094	36.186 ug/ml
17) T n-Tricontane (C30)	17.830	3718061	32.473 ug/ml
18) T n-Dotriacontane (C32)	18.661	3650879	32.867 ug/mlm
19) T n-Tetratriacontane (C34)	19.446	3637528	35.724 ug/mlm
20) T n-Hexatriacontane (C36)	20.189	3354059	37.616 ug/ml
21) T n-Octatriacontane (C38)	20.954	3375878	41.966 ug/ml
22) T n-Tetracontane (C40)	21.918	3460606	46.214 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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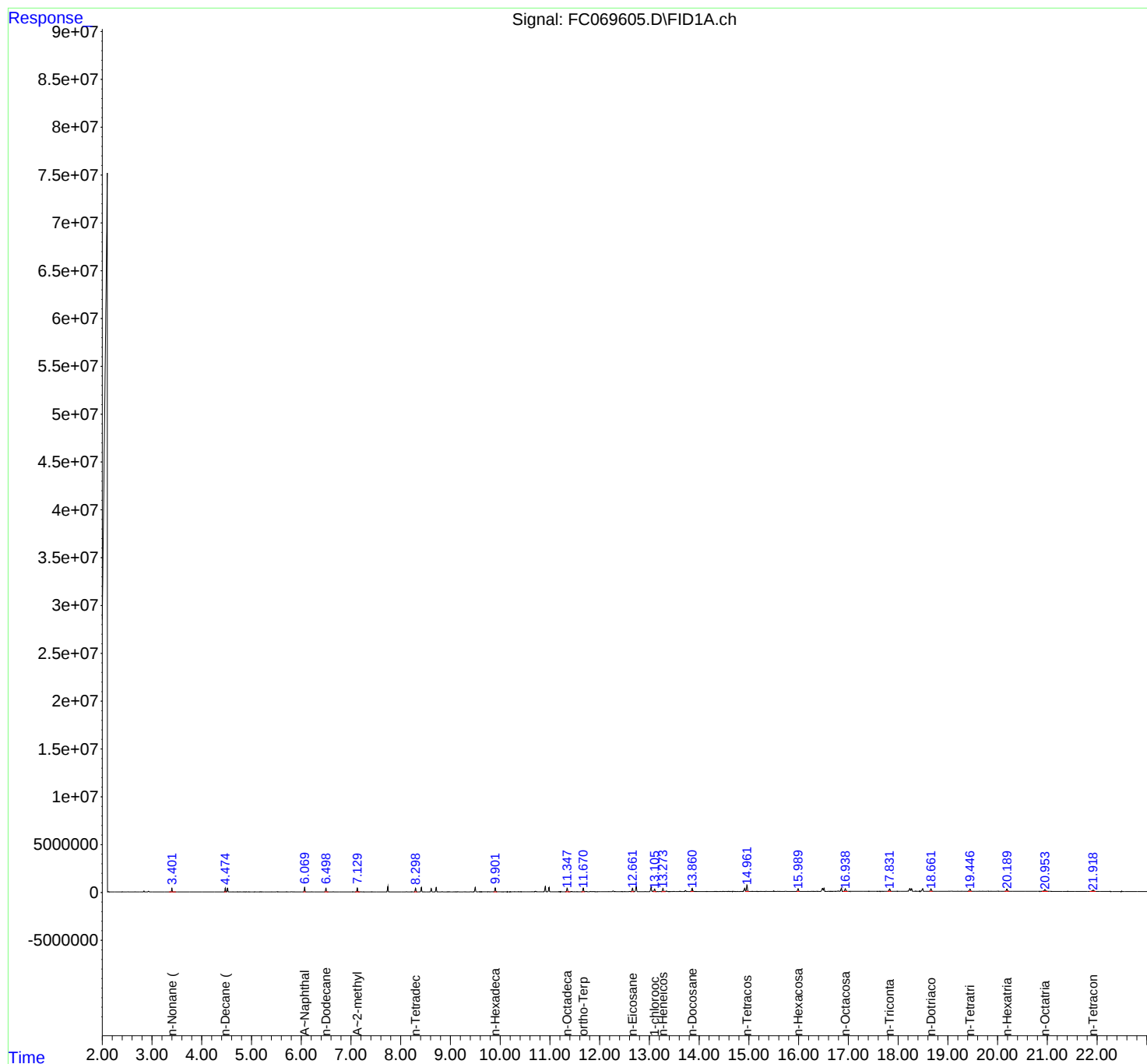
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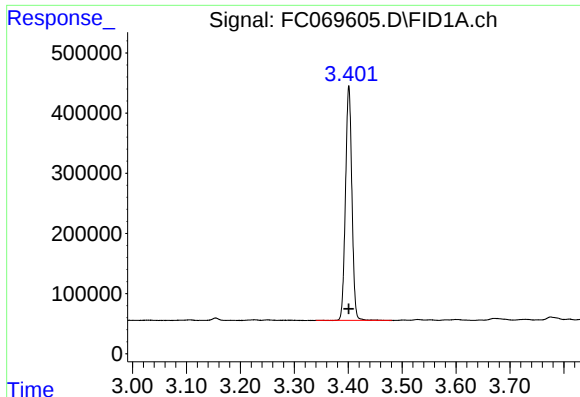
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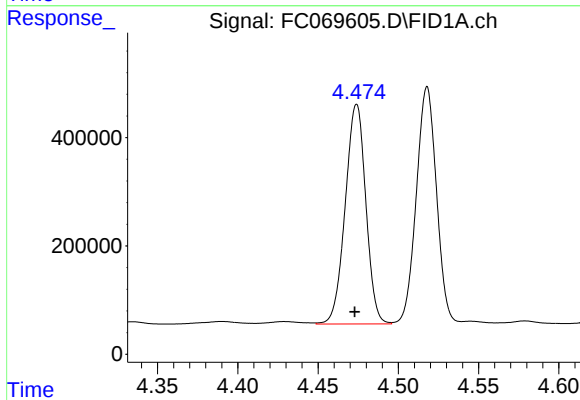
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 3223299
Conc: 22.62 ug/ml

Instrument :
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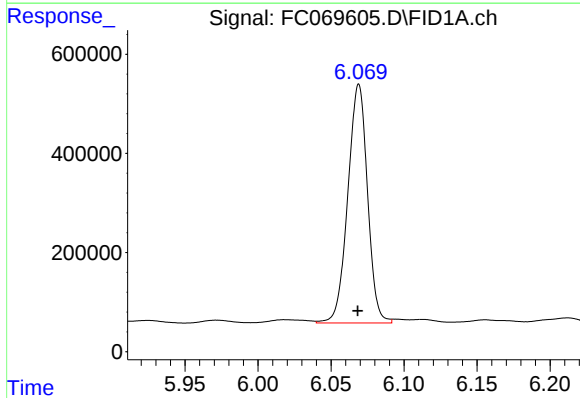
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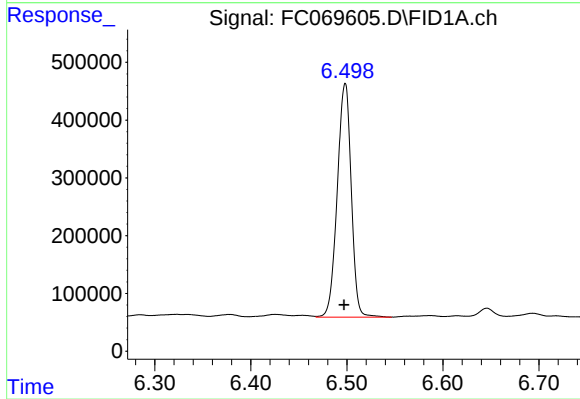
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 3622813
Conc: 24.92 ug/ml



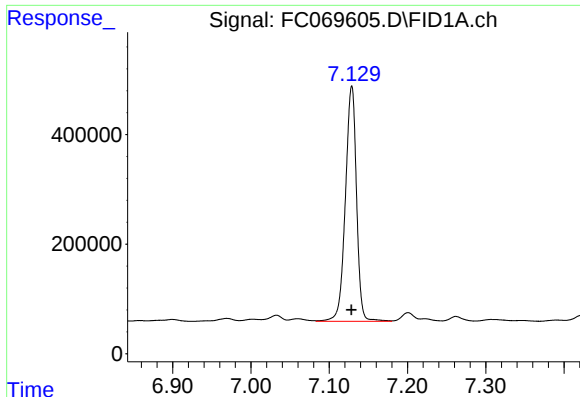
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 4522954
Conc: 29.15 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 4064476
Conc: 27.80 ug/ml



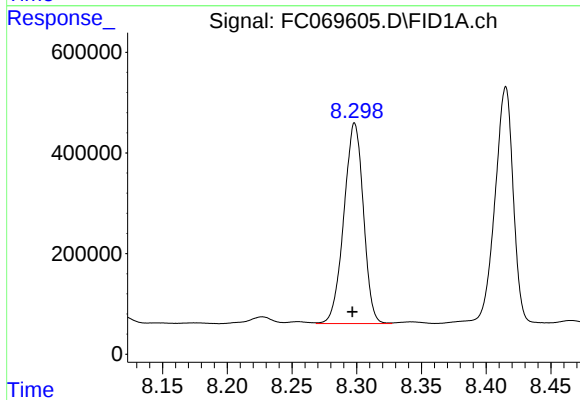
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 4251463
Conc: 28.87 ug/ml

Instrument :
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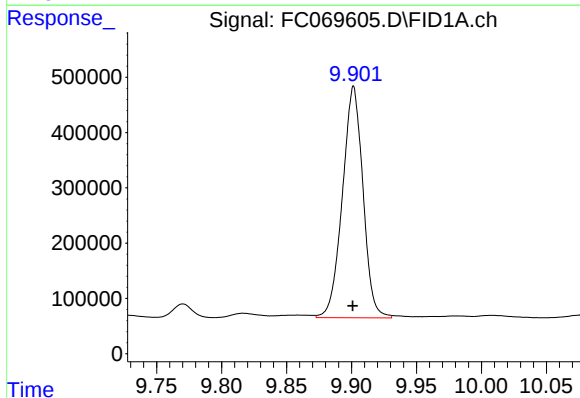
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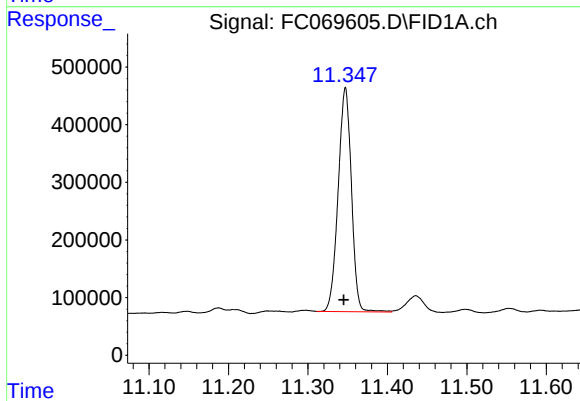
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.002 min
Response: 4175864
Conc: 29.26 ug/ml



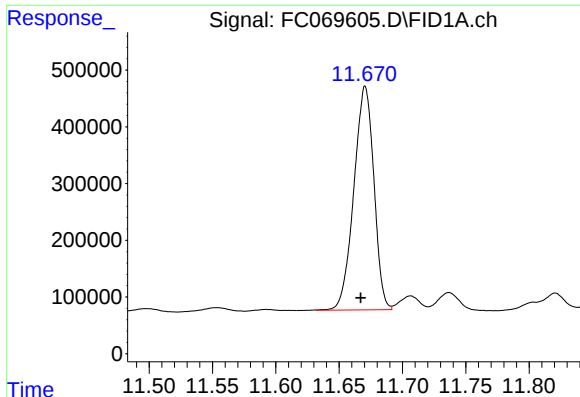
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: 0.000 min
Response: 4617332
Conc: 32.03 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.347 min
Delta R.T.: 0.002 min
Response: 4505902
Conc: 31.86 ug/ml



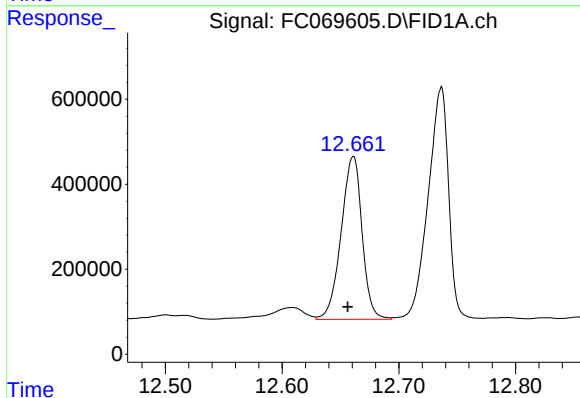
#9 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: 0.003 min
Response: 4340113
Conc: 29.09 ug/ml

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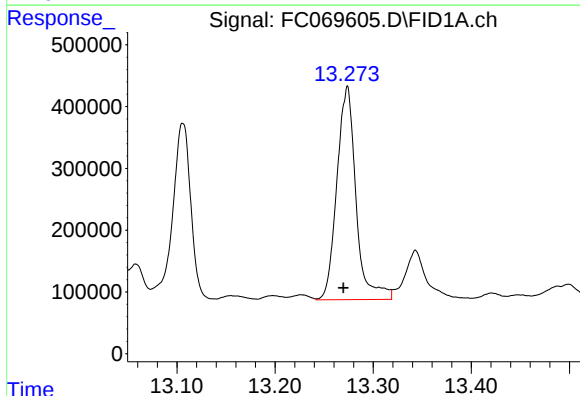
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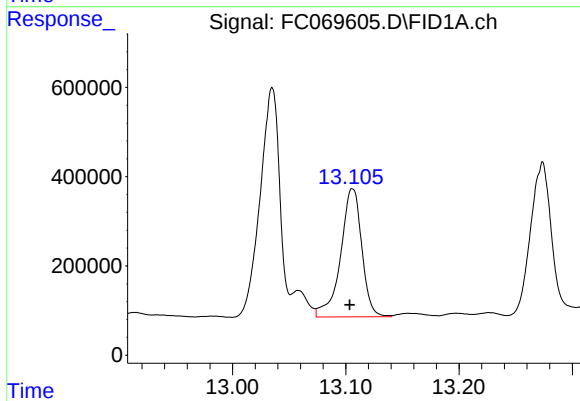
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.004 min
Response: 4780811
Conc: 36.29 ug/ml



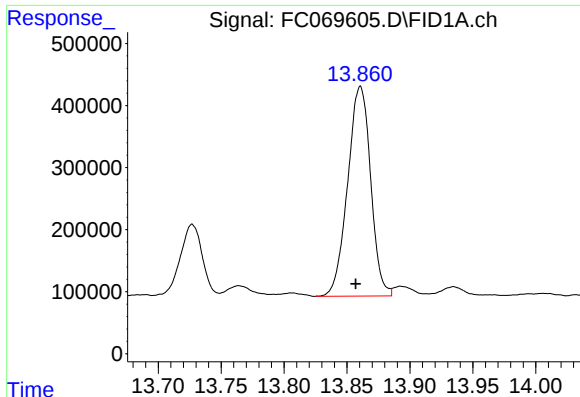
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.004 min
Response: 4680803
Conc: 36.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: 0.002 min
Response: 3743311
Conc: 34.33 ug/ml



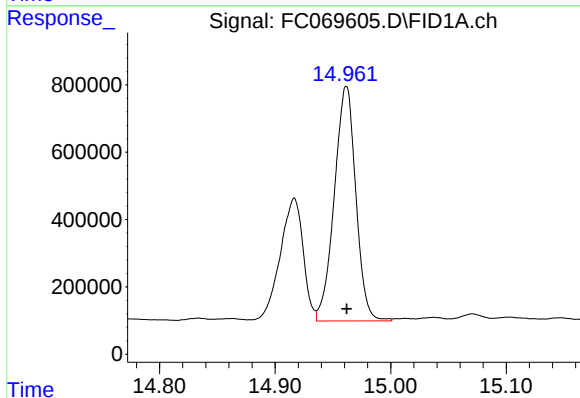
#13 n-Docosane (C22)

R.T.: 13.861 min
Delta R.T.: 0.004 min
Response: 4297936
Conc: 34.41 ug/ml

Instrument :
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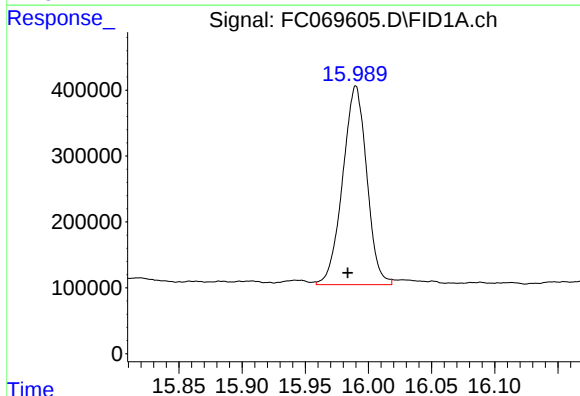
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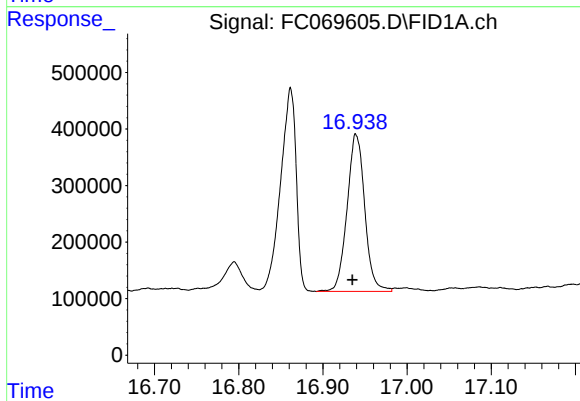
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: 0.000 min
Response: 9027223
Conc: 74.81 ug/ml



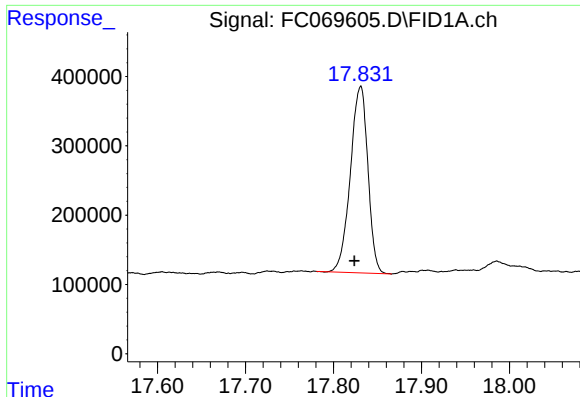
#15 n-Hexacosane (C26)

R.T.: 15.989 min
Delta R.T.: 0.006 min
Response: 4001839
Conc: 34.63 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.940 min
Delta R.T.: 0.005 min
Response: 4056094
Conc: 36.19 ug/ml



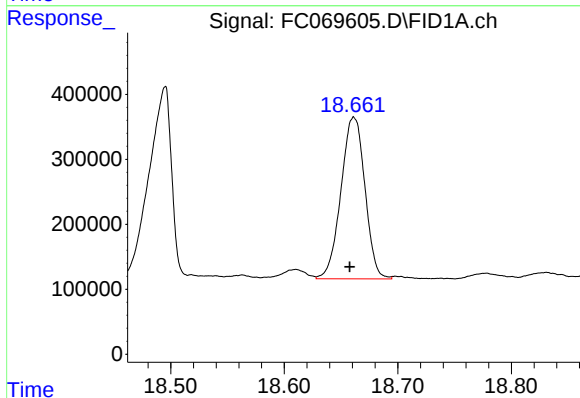
#17 n-Tricontane (C30)

R.T.: 17.830 min
Delta R.T.: 0.007 min
Response: 3718061
Conc: 32.47 ug/ml

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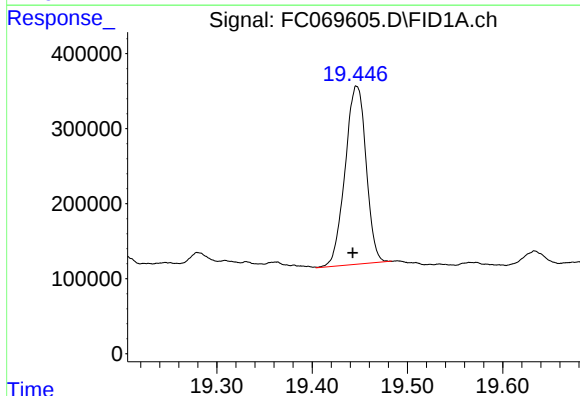
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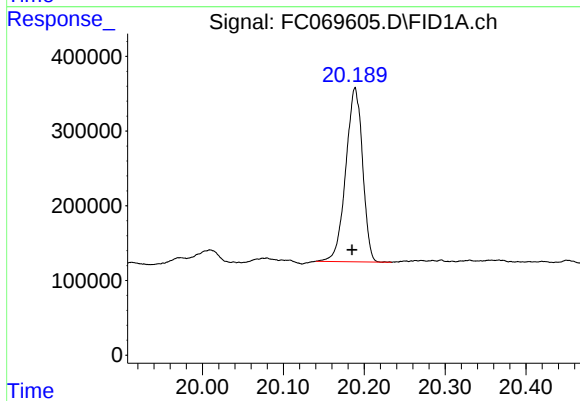
#18 n-Dotriacontane (C32)

R.T.: 18.661 min
Delta R.T.: 0.003 min
Response: 3650879
Conc: 32.87 ug/ml m



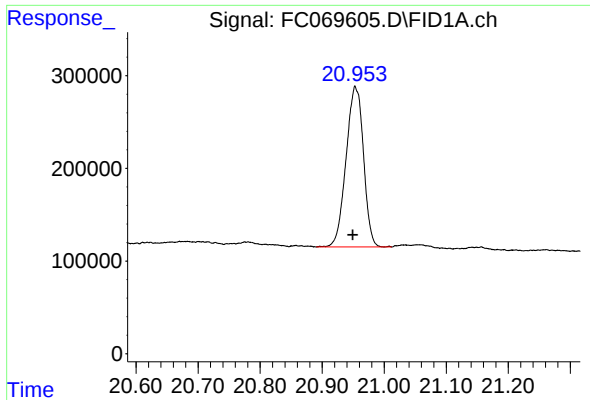
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min
Delta R.T.: 0.003 min
Response: 3637528
Conc: 35.72 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: 0.004 min
Response: 3354059
Conc: 37.62 ug/ml



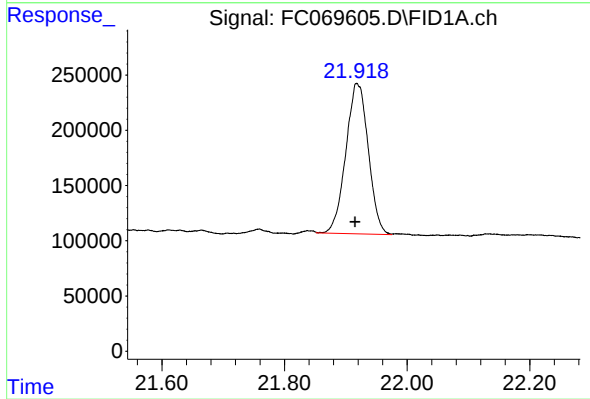
#21 n-Octatriacontane (C38)

R.T.: 20.954 min
Delta R.T.: 0.005 min
Response: 3375878
Conc: 41.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.918 min
Delta R.T.: 0.002 min
Response: 3460606
Conc: 46.21 ug/ml m