

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082525AL\
 Data File : FC069732.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 21:31
 Operator : YP/AJ
 Sample : Q2932-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ARS20-0002-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File: sample.E
 Quant Time: Aug 26 02:14:24 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			
Target Compounds			
1) T n-Nonane (C9)	3.399	3407894	23.920 ug/ml
2) T n-Decane (C10)	4.472	4433089	30.493 ug/ml
3) T A~Naphthalene (C11.7)	6.066	6060343	39.058 ug/mlm
4) T n-Dodecane (C12)	6.497	5713173	39.082 ug/ml
5) T A~2-methylnaphthalene...	7.127	5761188	39.119 ug/ml
6) T n-Tetradecane (C14)	8.306	6660931	46.674 ug/ml
7) T n-Hexadecane (C16)	9.899	43818	0.304 ug/mlm
8) T n-Octadecane (C18)	11.310	202107	1.429 ug/mlm
10) T n-Eicosane (C20)	12.655	718982	5.458 ug/mlm
11) T n-Heneicosane (C21)	13.260	877306	6.879 ug/mlm
13) T n-Docosane (C22)	13.852	483699	3.872 ug/mlm
14) T n-Tetracosane (C24)	14.956	5668570	46.975 ug/ml
15) T n-Hexacosane (C26)	15.998	5328474	46.114 ug/ml
16) T n-Octacosane (C28)	16.942	4918758	43.883 ug/ml
17) T n-Tricontane (C30)	17.830	4708394	41.123 ug/ml
18) T n-Dotriacontane (C32)	18.661	4929620	44.378 ug/ml
19) T n-Tetratriacontane (C34)	19.447	4827538	47.411 ug/ml
20) T n-Hexatriacontane (C36)	20.189	4402943	49.380 ug/ml
21) T n-Octatriacontane (C38)	20.954	4524445	56.244 ug/ml
22) T n-Tetracontane (C40)	21.915	4385428	58.565 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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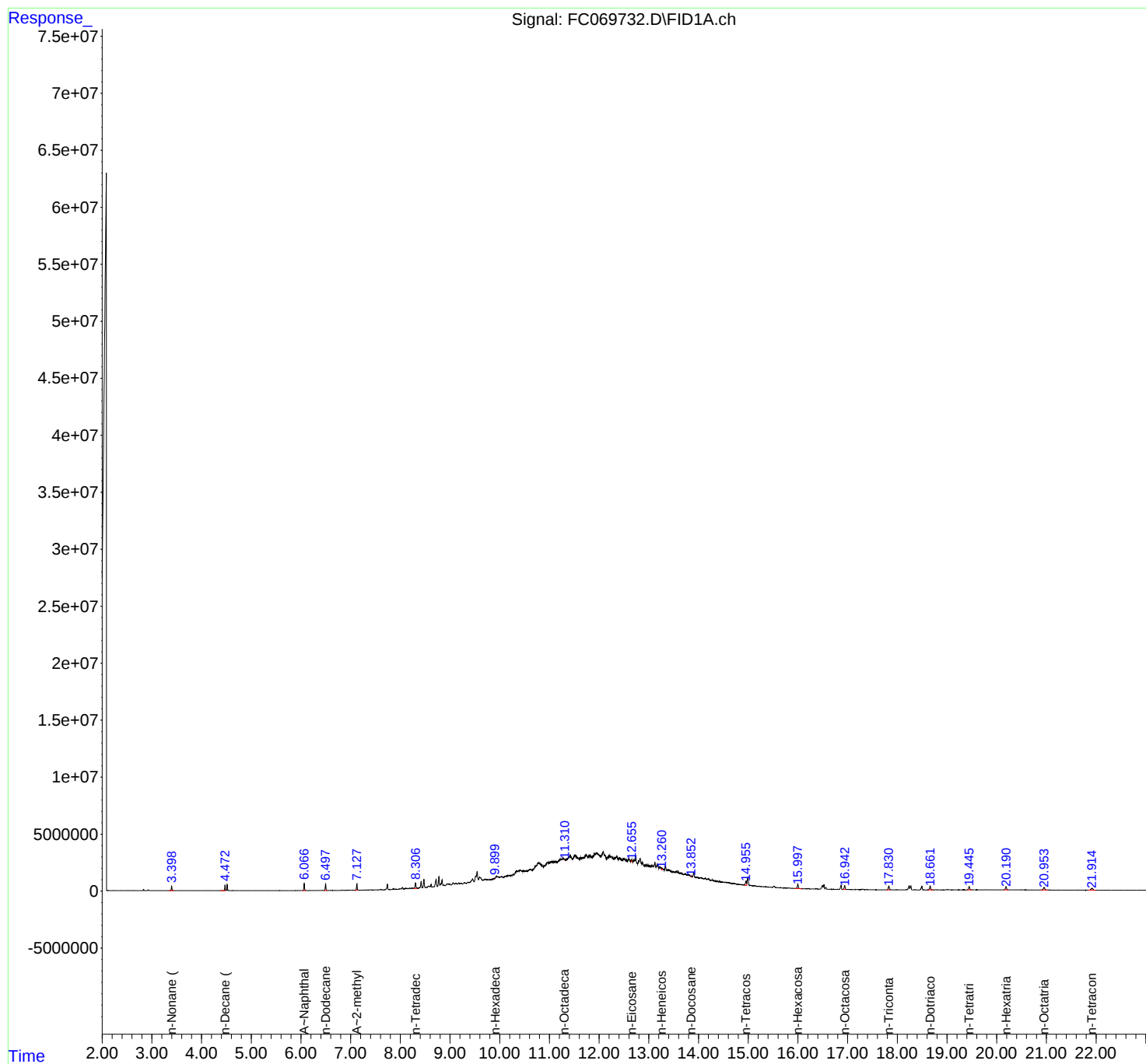
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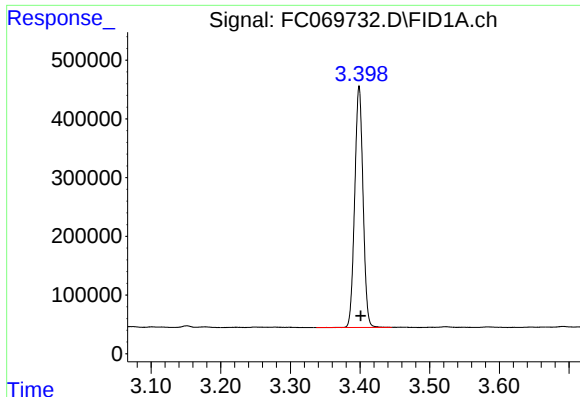
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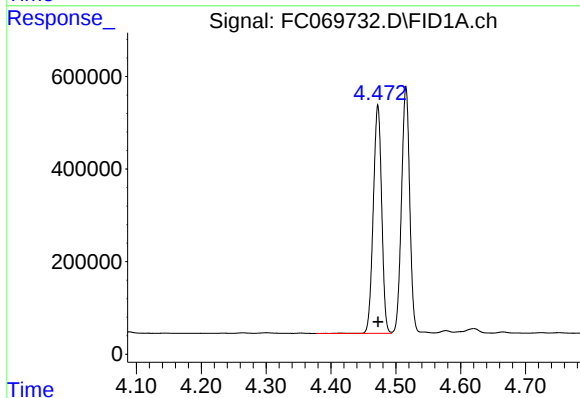
#1 n-Nonane (C9)

R.T.: 3.399 min
Delta R.T.: -0.002 min
Response: 3407894
Conc: 23.92 ug/ml

Instrument :
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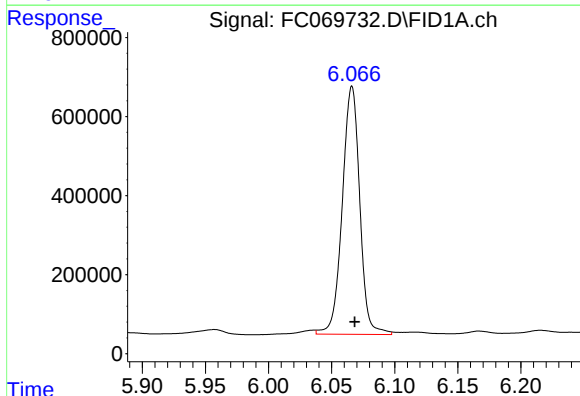
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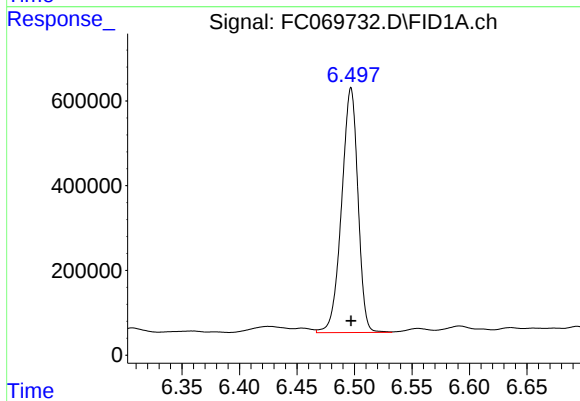
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 4433089
Conc: 30.49 ug/ml



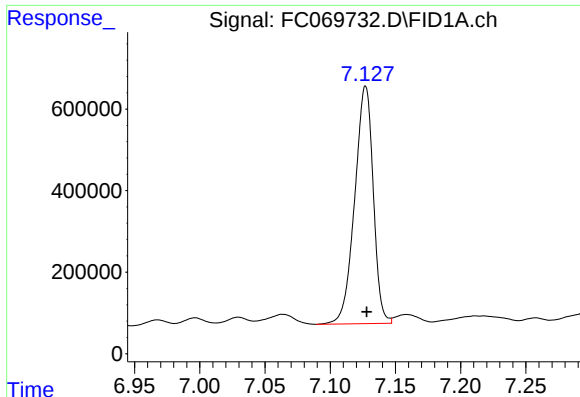
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 6060343
Conc: 39.06 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 5713173
Conc: 39.08 ug/ml



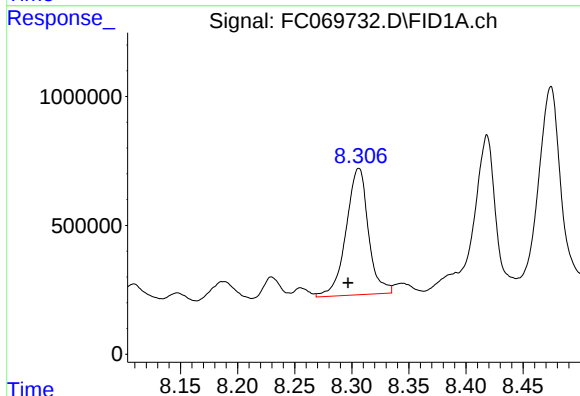
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.001 min
Response: 5761188
Conc: 39.12 ug/ml

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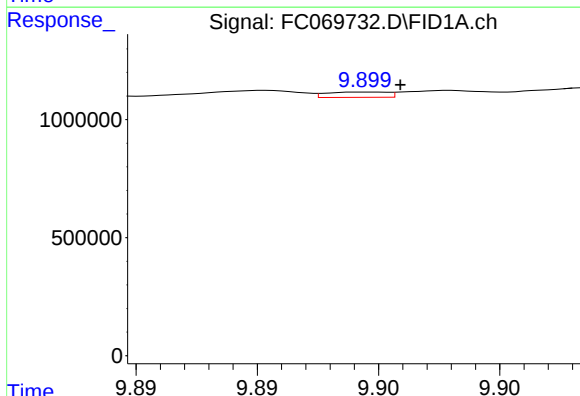
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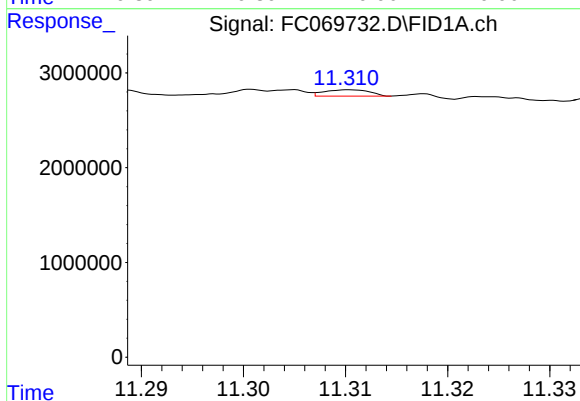
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: 0.009 min
Response: 6660931
Conc: 46.67 ug/ml



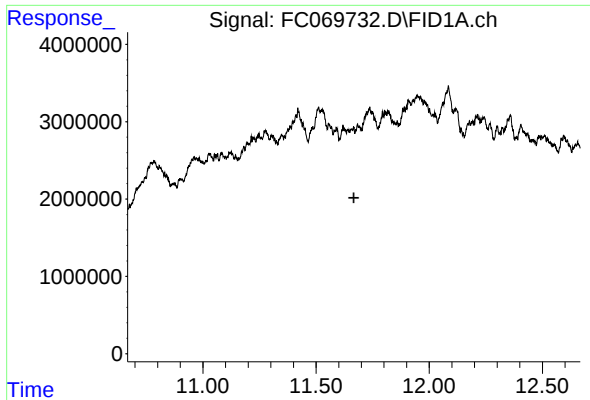
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.002 min
Response: 43818
Conc: 0.30 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.310 min
Delta R.T.: -0.035 min
Response: 202107
Conc: 1.43 ug/ml m



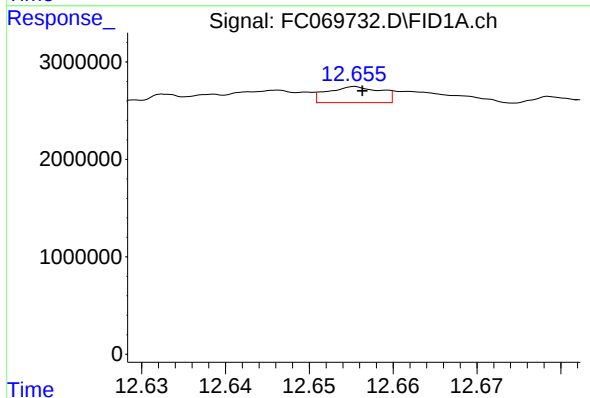
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.667 min
Response: 0
Conc: N.D.

Instrument :
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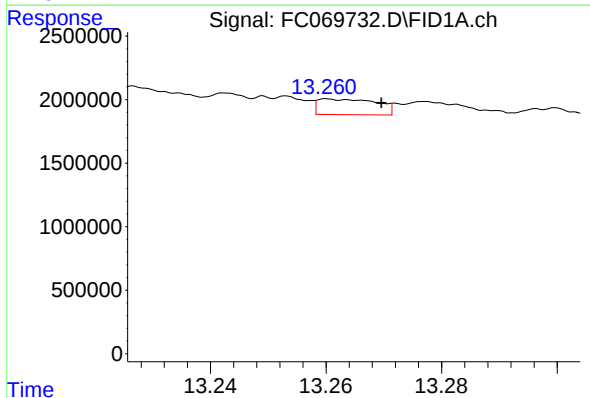
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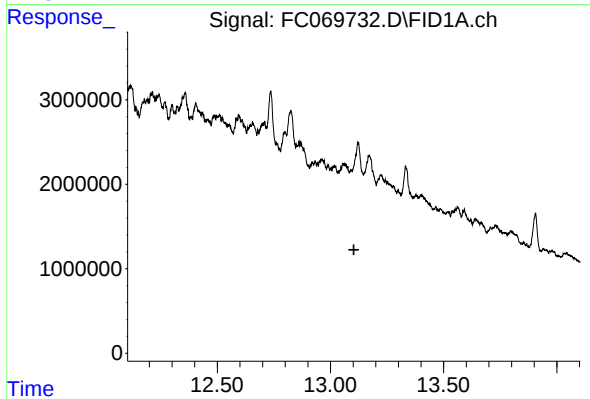
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: 0.000 min
Response: 718982
Conc: 5.46 ug/ml m



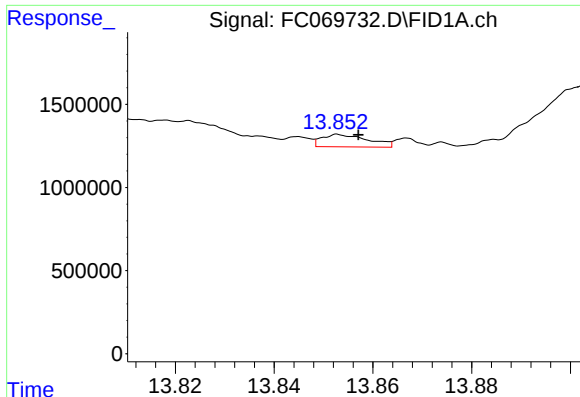
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: -0.010 min
Response: 877306
Conc: 6.88 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 13.104 min
Response: 0
Conc: N.D.



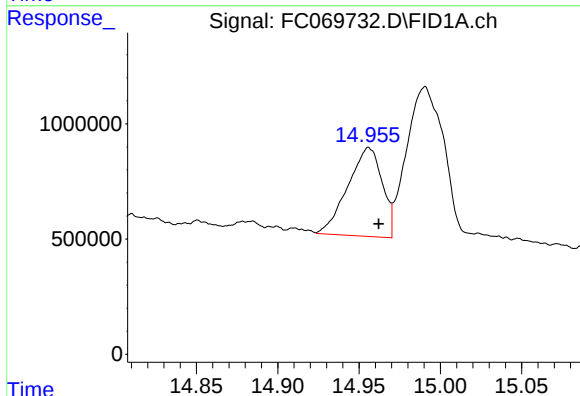
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: -0.005 min
Response: 483699
Conc: 3.87 ug/ml

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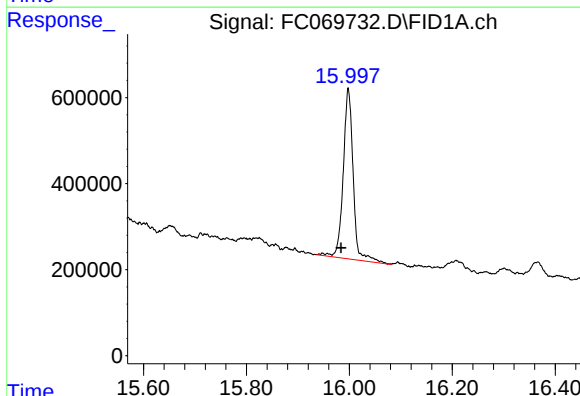
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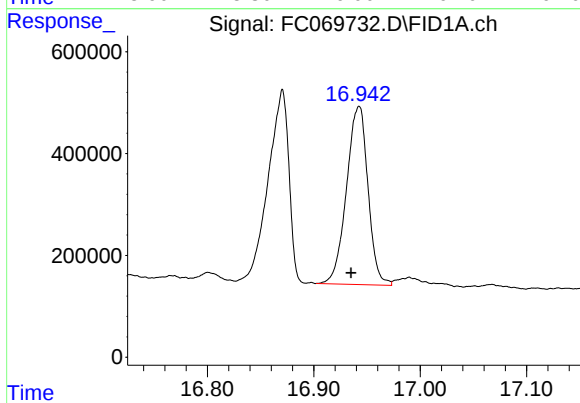
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.006 min
Response: 5668570
Conc: 46.98 ug/ml



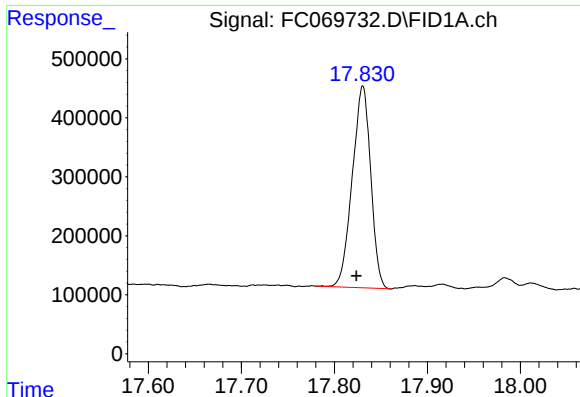
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.015 min
Response: 5328474
Conc: 46.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.942 min
Delta R.T.: 0.007 min
Response: 4918758
Conc: 43.88 ug/ml



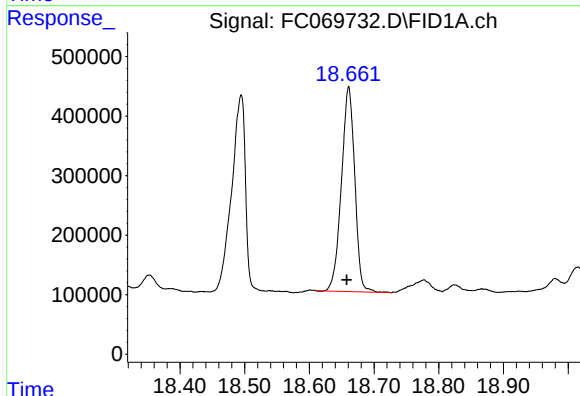
#17 n-Tricontane (C30)

R.T.: 17.830 min
Delta R.T.: 0.007 min
Response: 4708394
Conc: 41.12 ug/ml

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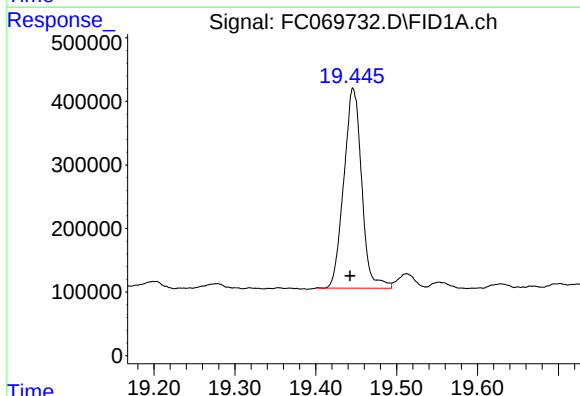
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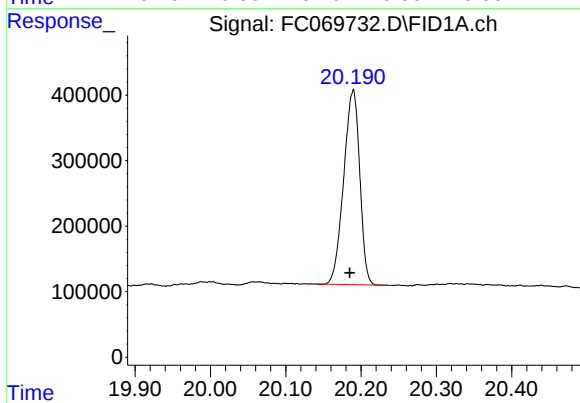
#18 n-Dotriacontane (C32)

R.T.: 18.661 min
Delta R.T.: 0.003 min
Response: 4929620
Conc: 44.38 ug/ml



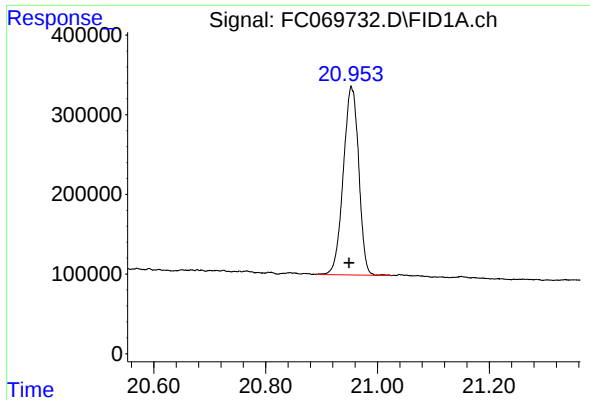
#19 n-Tetratriacontane (C34)

R.T.: 19.447 min
Delta R.T.: 0.004 min
Response: 4827538
Conc: 47.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: 0.004 min
Response: 4402943
Conc: 49.38 ug/ml



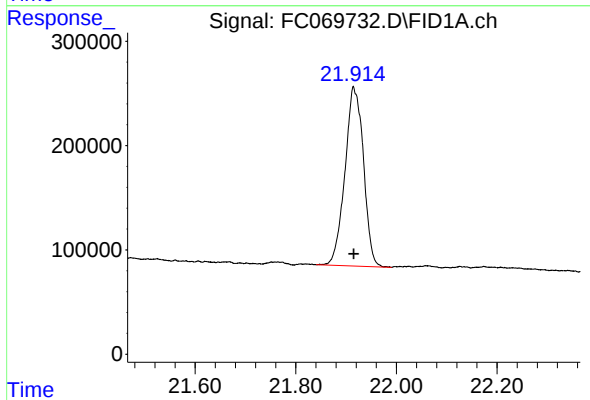
#21 n-Octatriacontane (C38)

R.T.: 20.954 min
Delta R.T.: 0.005 min
Response: 4524445
Conc: 56.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: 0.000 min
Response: 4385428
Conc: 58.56 ug/ml