

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101625AL\
 Data File : FC069983.D
 Signal(s) : FID1A.ch
 Acq On : 16 Oct 2025 14:47
 Operator : YP/AJ
 Sample : PB170121BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170121BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2025
 Supervised By :Sohil Jodhani 10/17/2025

Integration File: autoint1.e
 Quant Time: Oct 17 02:57:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.646	5582435	31.790 ug/ml
Spiked Amount 50.000		Recovery =	63.58%
12) S 1-chlorooctadecane (S...	13.080	4381978	32.282 ug/ml
Spiked Amount 50.000		Recovery =	64.56%
Target Compounds			
1) T n-Nonane (C9)	3.393	5084739	37.029 ug/ml
2) T n-Decane (C10)	4.460	5672935	39.461 ug/ml
3) T A~Naphthalene (C11.7)	6.050	6811545	42.146 ug/ml
4) T n-Dodecane (C12)	6.478	6353311	41.450 ug/ml
5) T A~2-methylnaphthalene...	7.108	6544818	41.020 ug/ml
6) T n-Tetradecane (C14)	8.278	6528404	41.048 ug/ml
7) T n-Hexadecane (C16)	9.880	6753480	40.075 ug/ml
8) T n-Octadecane (C18)	11.324	6750227	39.677 ug/ml
10) T n-Eicosane (C20)	12.636	6796908	42.366 ug/ml
11) T n-Heneicosane (C21)	13.248	6472628	41.685 ug/ml
13) T n-Docosane (C22)	13.835	6319341	41.063 ug/ml
14) T n-Tetracosane (C24)	14.933	11736452	77.402 ug/ml
15) T n-Hexacosane (C26)	15.964	5756428	39.771 ug/ml
16) T n-Octacosane (C28)	16.912	5478177	39.610 ug/mlm
17) T n-Tricontane (C30)	17.802	5599053	41.009 ug/ml
18) T n-Dotriacontane (C32)	18.634	5578299	43.265 ug/ml
19) T n-Tetratriacontane (C34)	19.418	5457625	47.832 ug/ml
20) T n-Hexatriacontane (C36)	20.158	4924526	50.920 ug/ml
21) T n-Octatriacontane (C38)	20.918	4541722	52.109 ug/ml
22) T n-Tetracontane (C40)	21.872	3900563	47.474 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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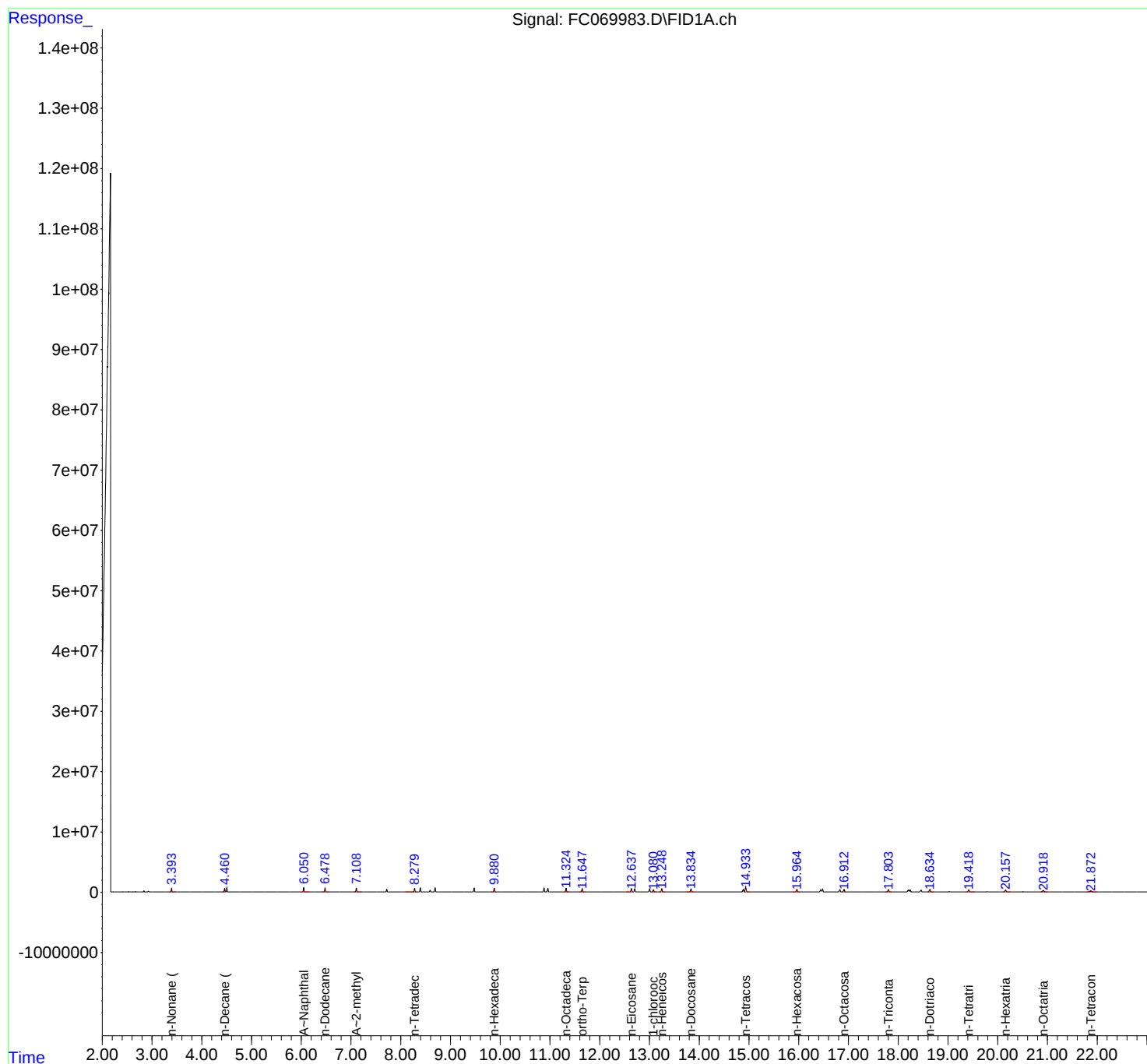
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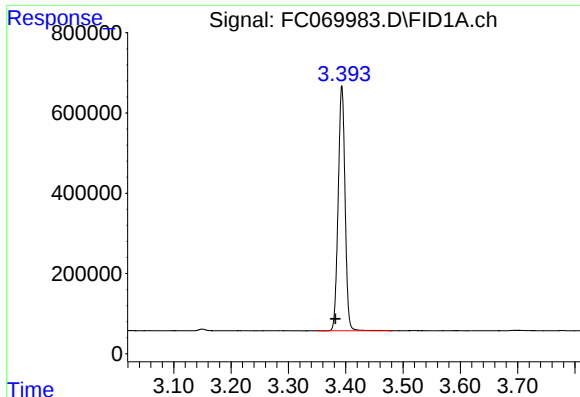
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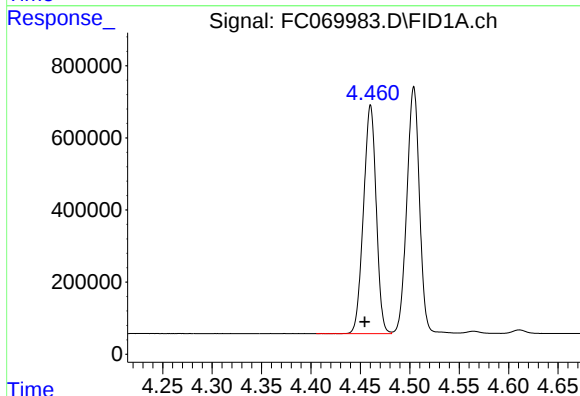
#1 n-Nonane (C9)

R.T.: 3.393 min
Delta R.T.: 0.011 min
Response: 5084739
Conc: 37.03 ug/ml

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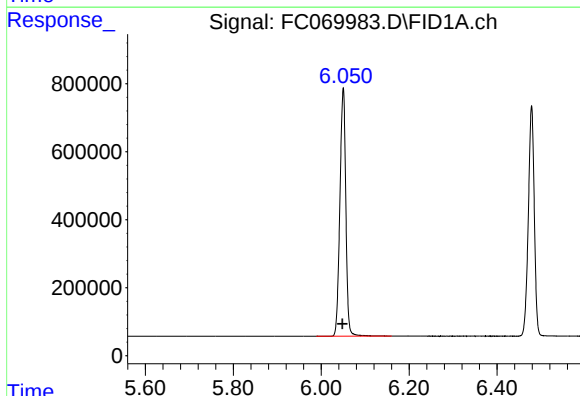
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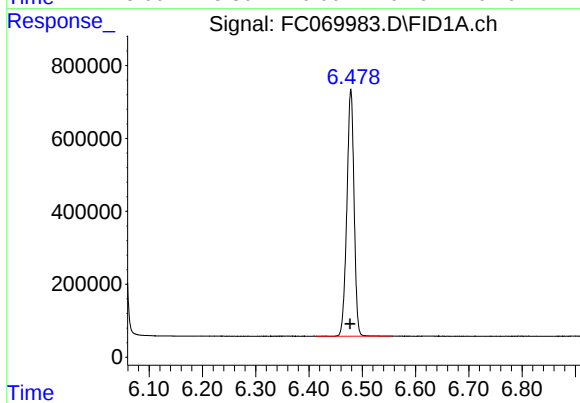
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: 0.006 min
Response: 5672935
Conc: 39.46 ug/ml



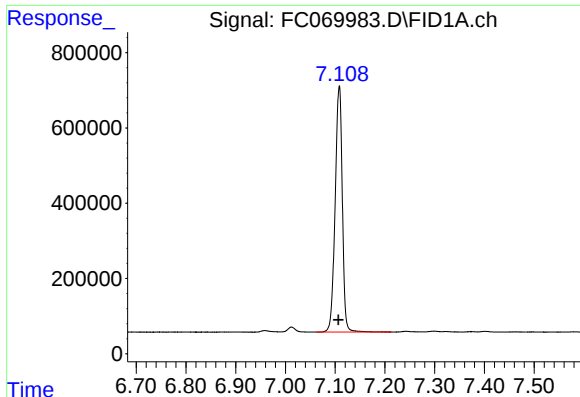
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: 0.002 min
Response: 6811545
Conc: 42.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.478 min
Delta R.T.: 0.001 min
Response: 6353311
Conc: 41.45 ug/ml



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

R.T.: 7.108 min
Delta R.T.: 0.002 min
Response: 6544818
Conc: 41.02 ug/ml

Instrument :

FID_C

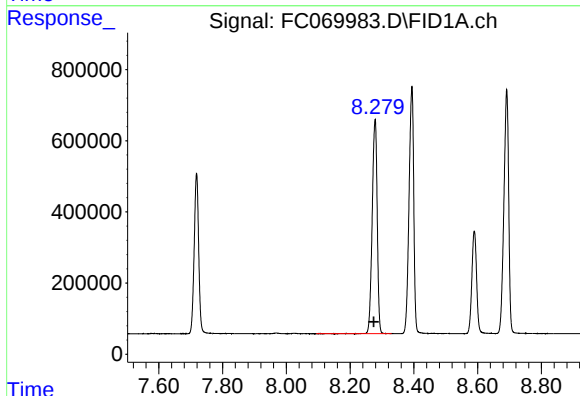
ClientSampleId :

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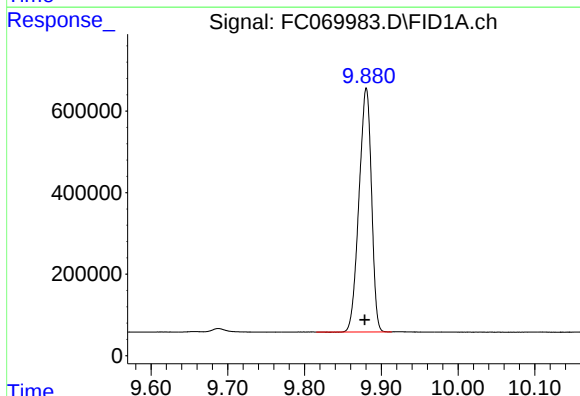
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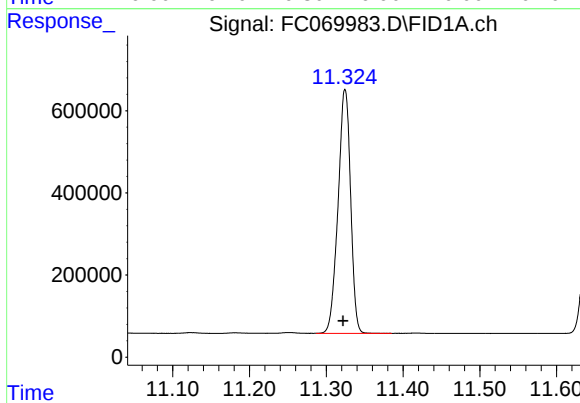
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: 0.003 min
Response: 6528404
Conc: 41.05 ug/ml



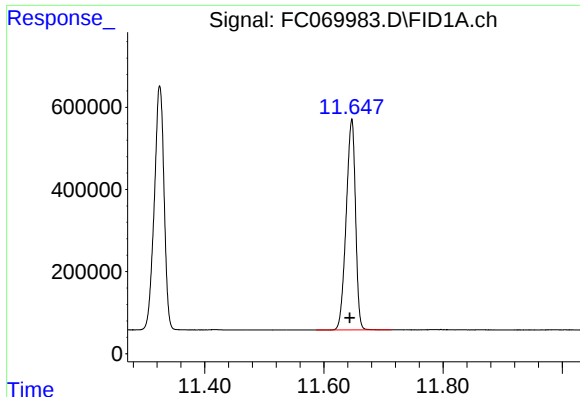
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: 0.002 min
Response: 6753480
Conc: 40.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: 0.003 min
Response: 6750227
Conc: 39.68 ug/ml



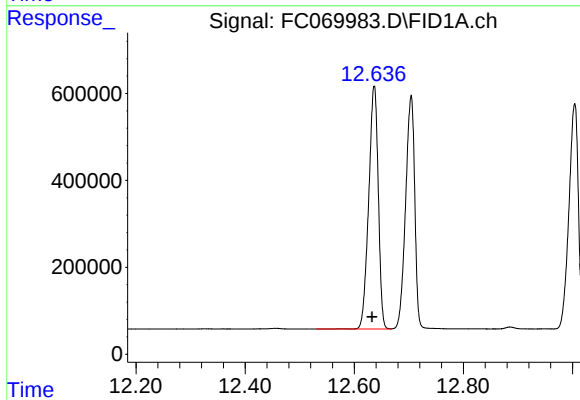
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.003 min
Response: 5582435
Conc: 31.79 ug/ml

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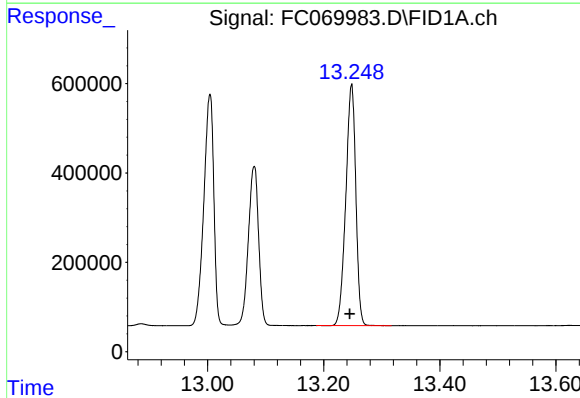
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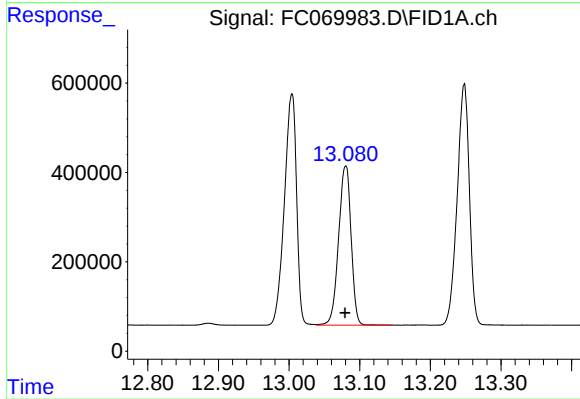
#10 n-Eicosane (C20)

R.T.: 12.636 min
Delta R.T.: 0.004 min
Response: 6796908
Conc: 42.37 ug/ml



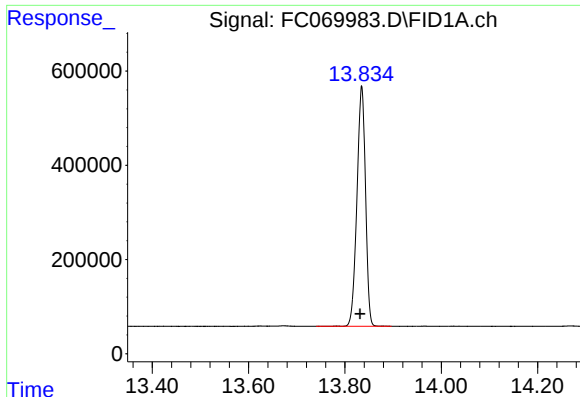
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: 0.003 min
Response: 6472628
Conc: 41.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: 0.000 min
Response: 4381978
Conc: 32.28 ug/ml



#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: 0.004 min
Response: 6319341
Conc: 41.06 ug/ml

Instrument :

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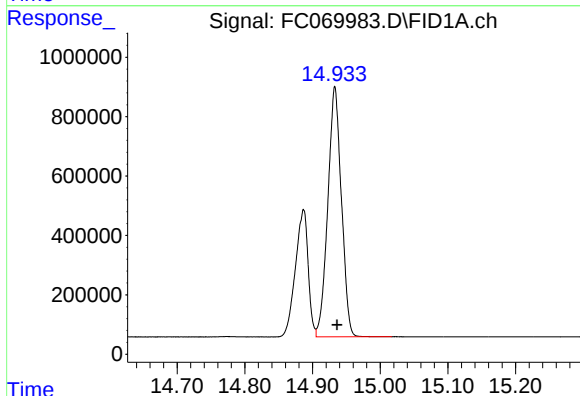
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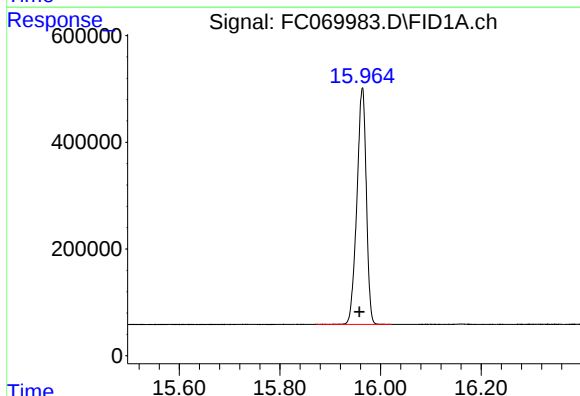
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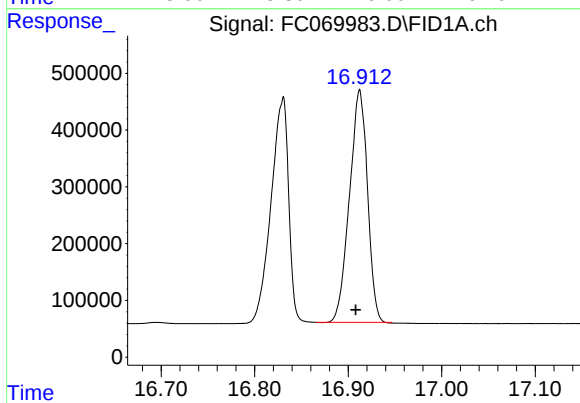
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: -0.003 min
Response: 11736452
Conc: 77.40 ug/ml



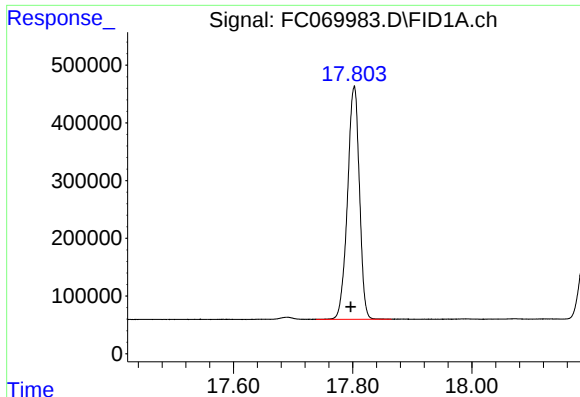
#15 n-Hexacosane (C26)

R.T.: 15.964 min
Delta R.T.: 0.006 min
Response: 5756428
Conc: 39.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.912 min
Delta R.T.: 0.004 min
Response: 5478177
Conc: 39.61 ug/ml m



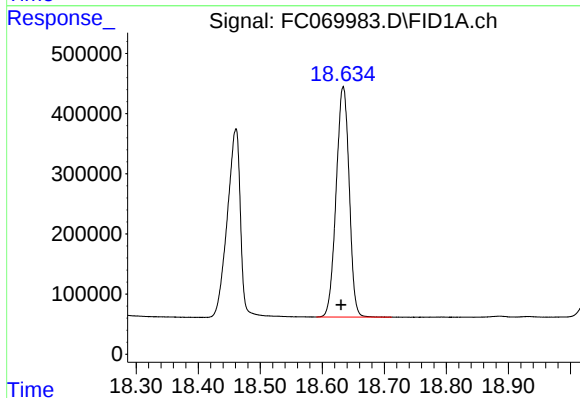
#17 n-Tricontane (C30)

R.T.: 17.802 min
Delta R.T.: 0.005 min
Response: 5599053
Conc: 41.01 ug/ml

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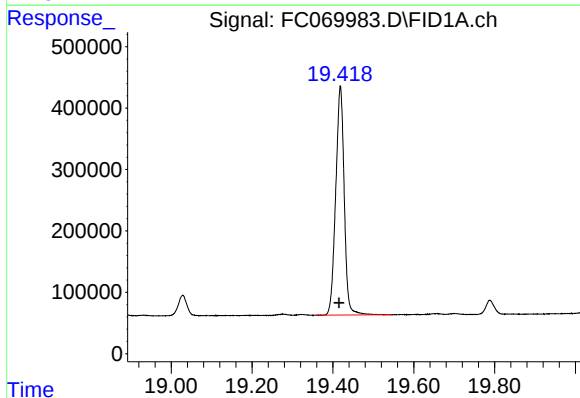
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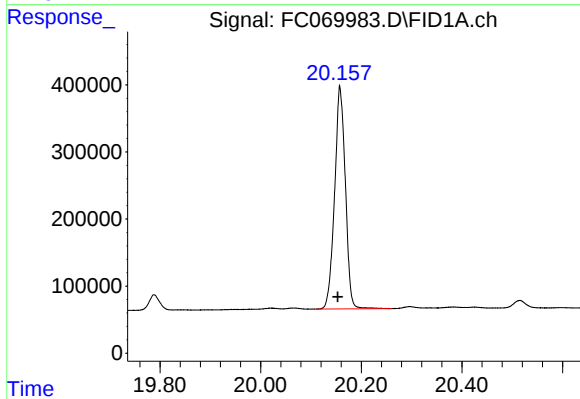
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: 0.004 min
Response: 5578299
Conc: 43.27 ug/ml



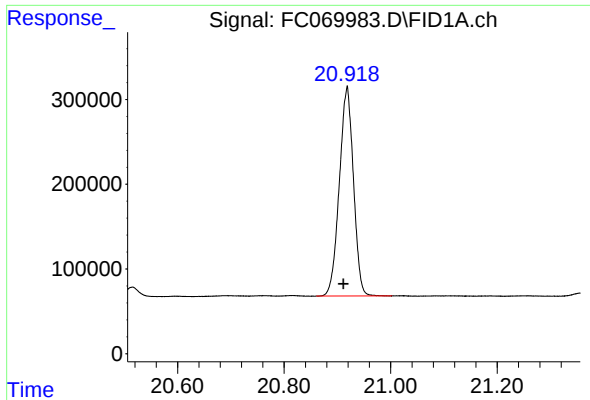
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min
Delta R.T.: 0.003 min
Response: 5457625
Conc: 47.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.158 min
Delta R.T.: 0.005 min
Response: 4924526
Conc: 50.92 ug/ml



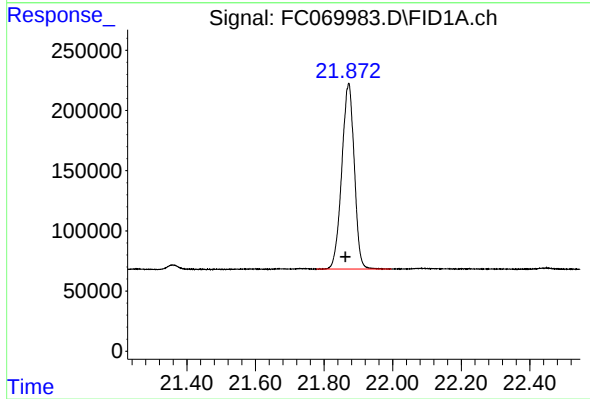
#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: 0.006 min
Response: 4541722
Conc: 52.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: 0.010 min
Response: 3900563
Conc: 47.47 ug/ml