

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110724AL\
 Data File : FC067659.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2024 17:15
 Operator : YP/AJ
 Sample : PB164751BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164751BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :Ankita Jodhani 11/08/2024

Integration File: autoint1.e
 Quant Time: Nov 08 01:06:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 2024
 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)	11.494	5066893	34.532 ug/ml
Spiked Amount 50.000		Recovery =	69.06%
12) S 1-chlorooctadecane (S...	12.931	3816449	35.341 ug/ml
Spiked Amount 50.000		Recovery =	70.68%
Target Compounds			
1) T n-Nonane (C9)	3.278	4113557	30.534 ug/ml
2) T n-Decane (C10)	4.340	4378073	32.134 ug/ml
3) T A~Naphthalene (C11.7)	5.915	5008336	33.797 ug/ml
4) T n-Dodecane (C12)	6.352	4668453	34.468 ug/ml
5) T A~2-methylnaphthalene...	6.970	4730723	33.499 ug/ml
6) T n-Tetradecane (C14)	8.146	4848605	36.939 ug/ml
7) T n-Hexadecane (C16)	9.742	4861024	36.797 ug/ml
8) T n-Octadecane (C18)	11.182	4867643	36.844 ug/ml
10) T n-Eicosane (C20)	12.490	4883238	38.701 ug/ml
11) T n-Heneicosane (C21)	13.100	4682507	37.941 ug/ml
13) T n-Docosane (C22)	13.685	4639948	37.893 ug/ml
14) T n-Tetracosane (C24)	14.756	9263132	76.422 ug/mlm
15) T n-Hexacosane (C26)	15.806	4486168	37.681 ug/ml
16) T n-Octacosane (C28)	16.754	4482776	38.104 ug/ml
17) T n-Tricontane (C30)	17.642	4475292	37.025 ug/ml
18) T n-Dotriacontane (C32)	18.471	4430187	37.442 ug/ml
19) T n-Tetratriacontane (C34)	19.252	4459895	42.586 ug/ml
20) T n-Hexatriacontane (C36)	19.991	4314896	47.402 ug/ml
21) T n-Octatriacontane (C38)	20.713	4346017	50.184 ug/ml
22) T n-Tetracontane (C40)	21.598	4320743	50.826 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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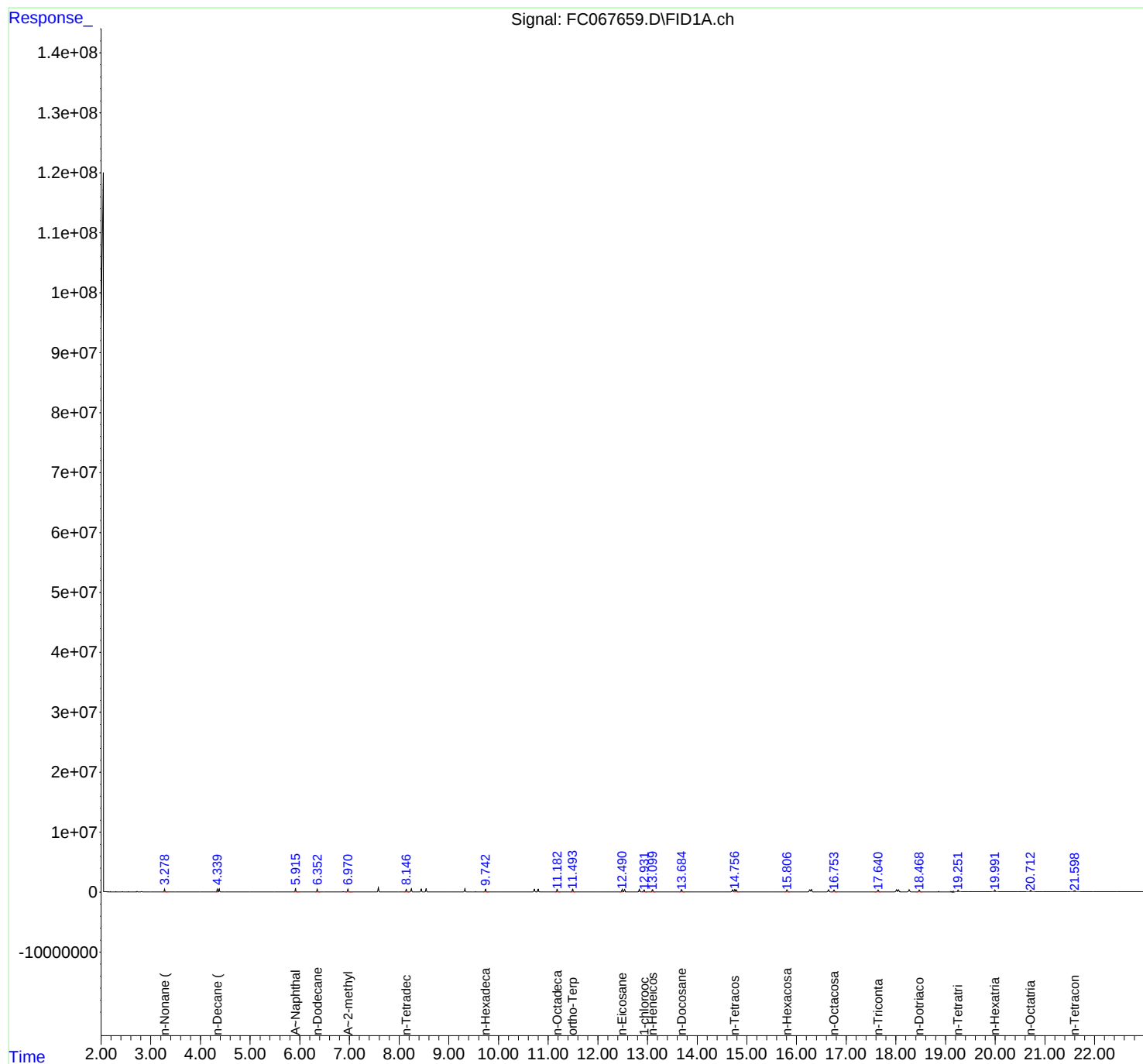
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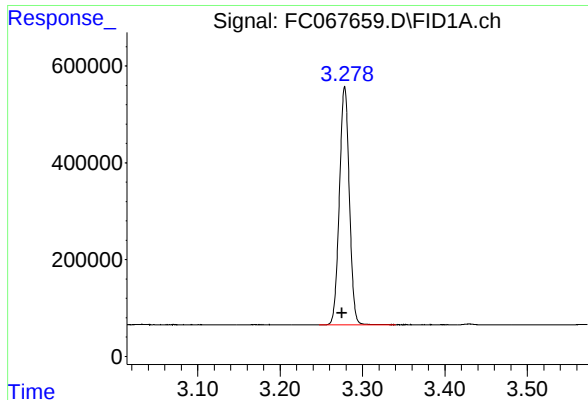
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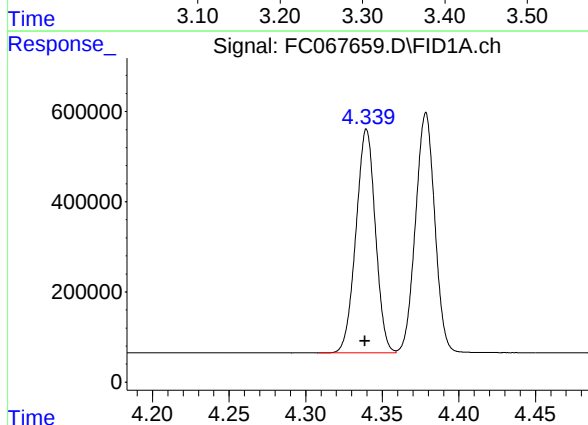
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.003 min
Response: 4113557
Conc: 30.53 ug/ml

Instrument :
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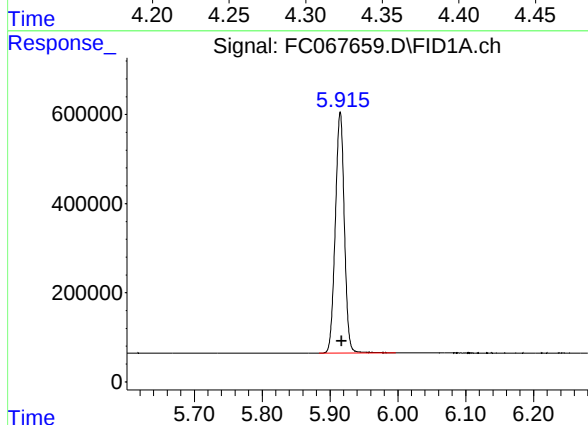
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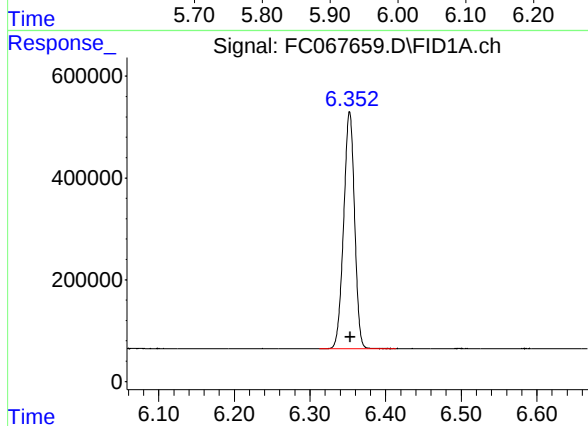
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.001 min
Response: 4378073
Conc: 32.13 ug/ml



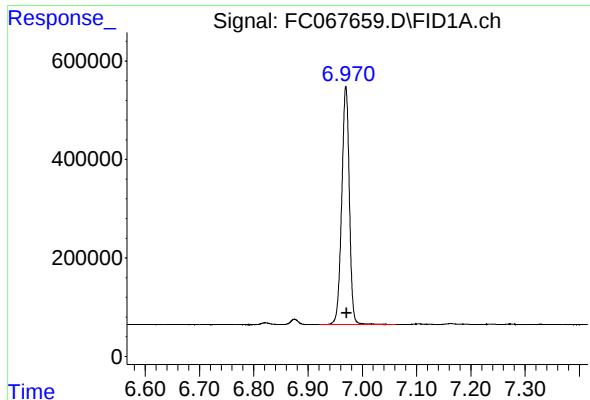
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 5008336
Conc: 33.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 4668453
Conc: 34.47 ug/ml



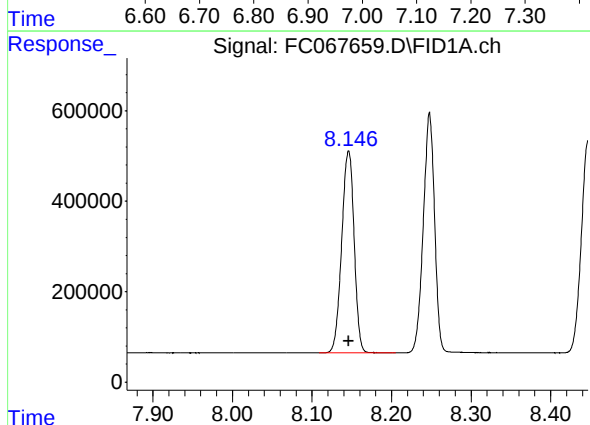
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 4730723
Conc: 33.50 ug/ml

Instrument :
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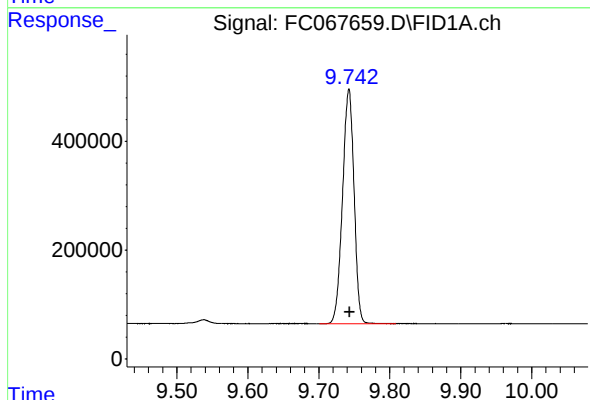
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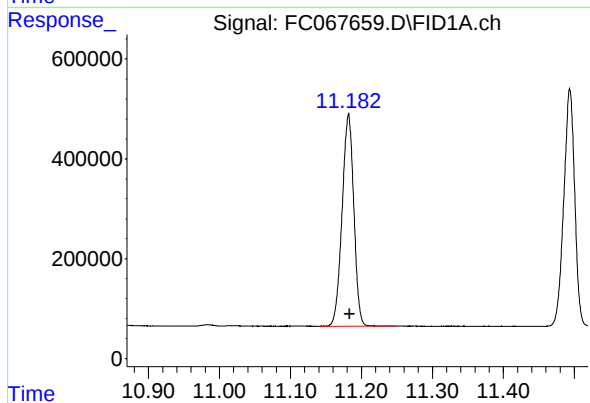
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 4848605
Conc: 36.94 ug/ml



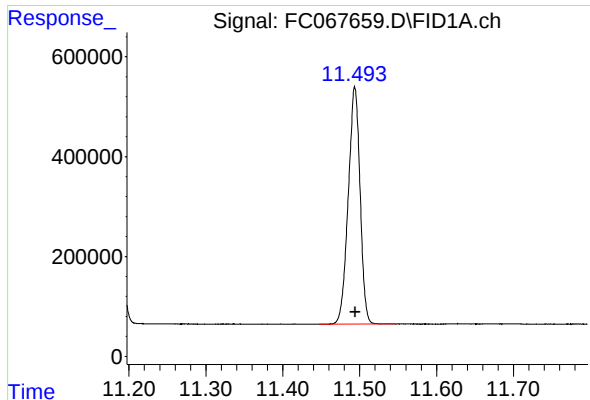
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.001 min
Response: 4861024
Conc: 36.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: -0.002 min
Response: 4867643
Conc: 36.84 ug/ml



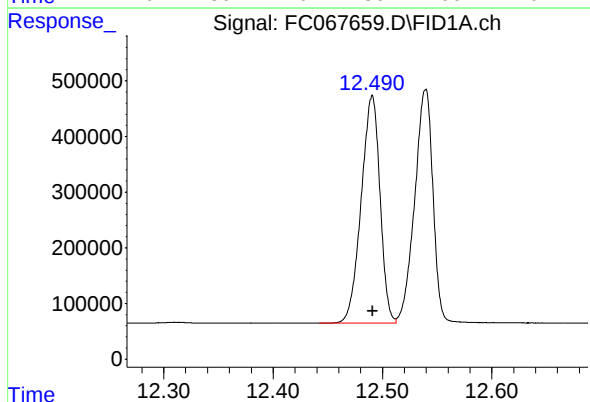
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 5066893
Conc: 34.53 ug/ml

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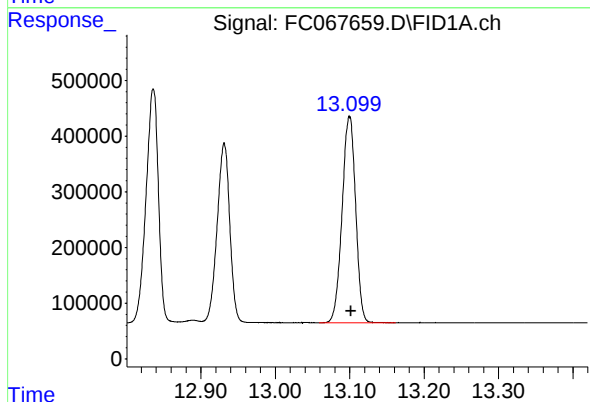
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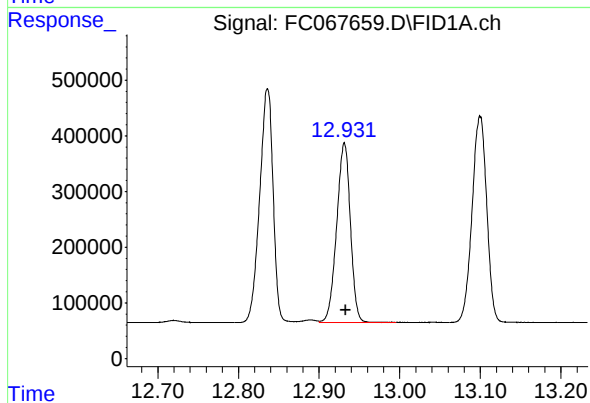
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: 0.000 min
Response: 4883238
Conc: 38.70 ug/ml



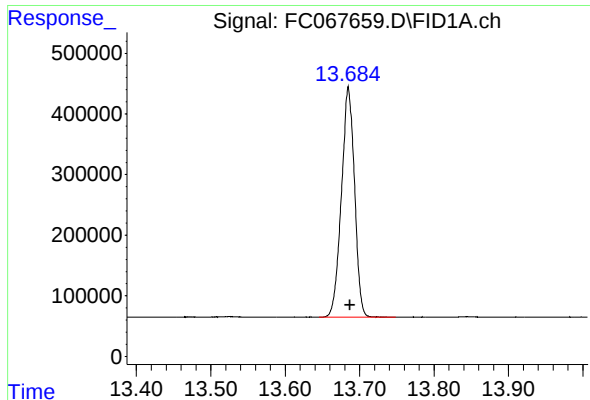
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: -0.002 min
Response: 4682507
Conc: 37.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: -0.002 min
Response: 3816449
Conc: 35.34 ug/ml



#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 4639948
Conc: 37.89 ug/ml

Instrument :

FID_C

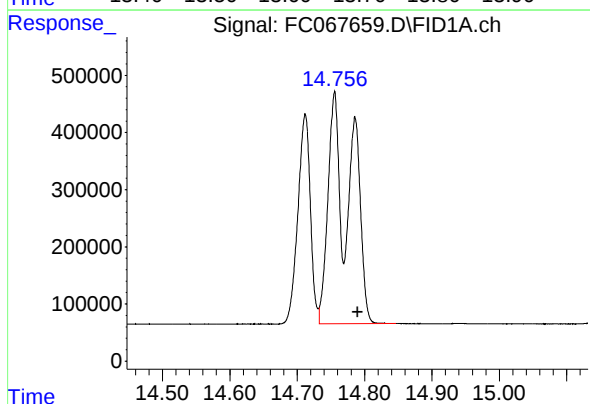
ClientSampleId :

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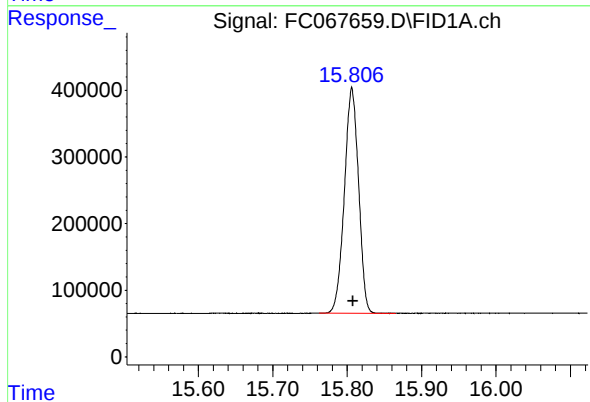
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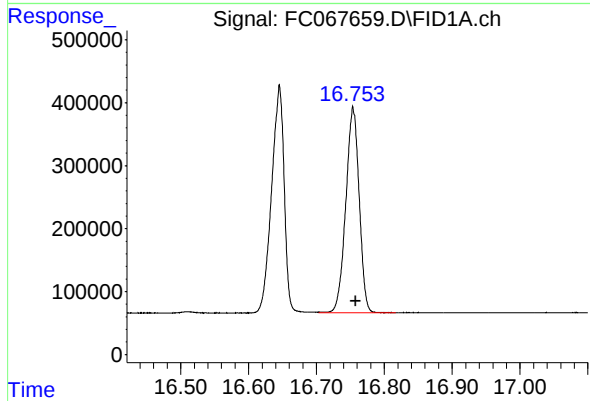
#14 n-Tetracosane (C24)

R.T.: 14.756 min
Delta R.T.: -0.034 min
Response: 9263132
Conc: 76.42 ug/ml m



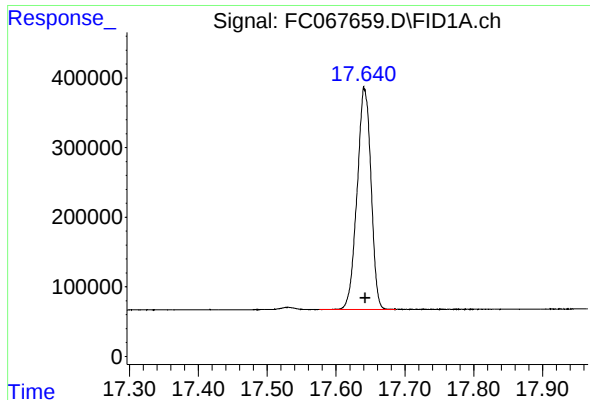
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.001 min
Response: 4486168
Conc: 37.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 4482776
Conc: 38.10 ug/ml



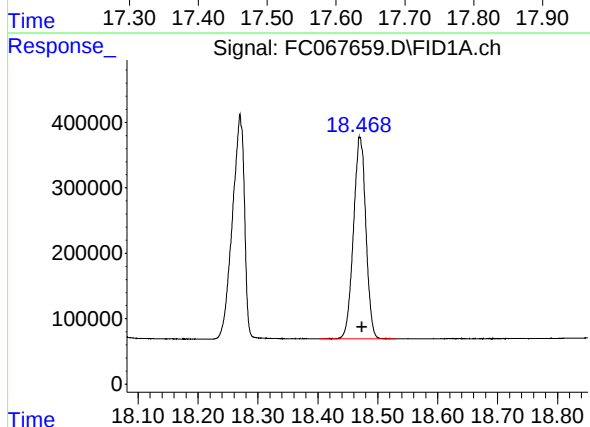
#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: -0.001 min
Response: 4475292
Conc: 37.03 ug/ml

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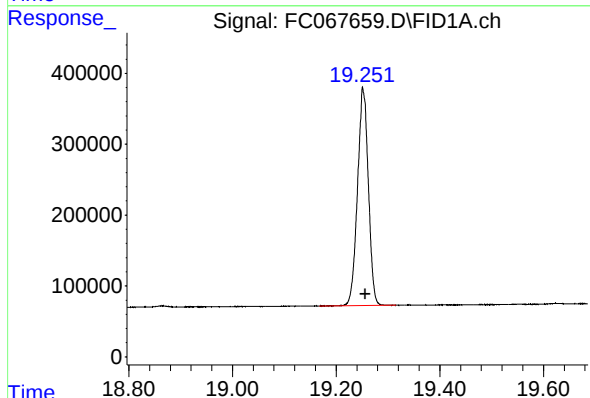
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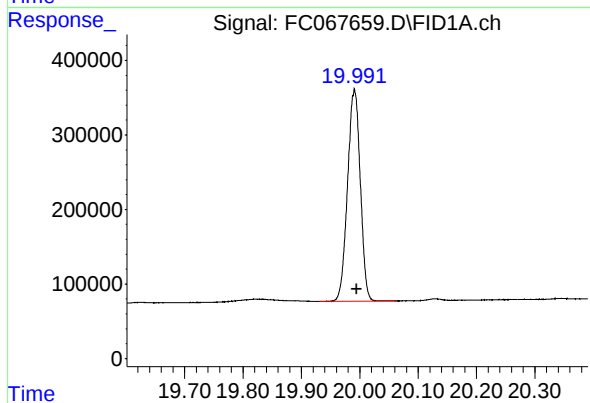
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.003 min
Response: 4430187
Conc: 37.44 ug/ml



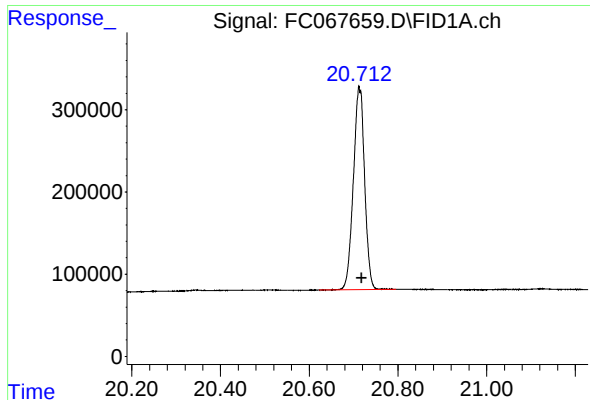
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.004 min
Response: 4459895
Conc: 42.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.991 min
Delta R.T.: -0.004 min
Response: 4314896
Conc: 47.40 ug/ml



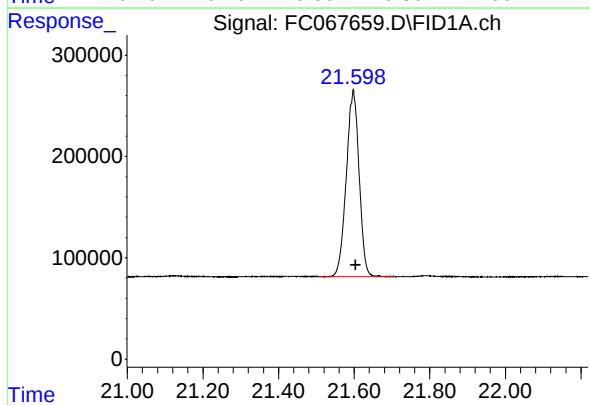
#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.005 min
Response: 4346017
Conc: 50.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: -0.006 min
Response: 4320743
Conc: 50.83 ug/ml