

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091124AL\
 Data File : FC067106.D
 Signal(s) : FID1A.ch
 Acq On : 11 Sep 2024 00:25
 Operator : YP/AJ
 Sample : P3907-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PL-701-166MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File: sample.E
 Quant Time: Sep 11 04:20:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.509	4350671	31.245 ug/ml
Spiked Amount 50.000		Recovery =	62.49%
12) S 1-chlorooctadecane (S...	12.947	3492318	35.750 ug/ml
Spiked Amount 50.000		Recovery =	71.50%
Target Compounds			
1) T n-Nonane (C9)	3.283	3730239	28.122 ug/ml
2) T n-Decane (C10)	4.348	4236465	31.543 ug/ml
3) T A~Naphthalene (C11.7)	5.926	4886890	34.385 ug/ml
4) T n-Dodecane (C12)	6.363	4739184	35.405 ug/ml
5) T A~2-methylnaphthalene...	6.981	4796437	35.919 ug/ml
6) T n-Tetradecane (C14)	8.159	5499317	42.671 ug/ml
7) T n-Hexadecane (C16)	9.757	5910016	45.840 ug/ml
8) T n-Octadecane (C18)	11.198	5999965	46.896 ug/ml
10) T n-Eicosane (C20)	12.506	6119027	50.944 ug/ml
11) T n-Heneicosane (C21)	13.117	5820545	49.836 ug/ml
13) T n-Docosane (C22)	13.703	5872720	50.864 ug/ml
14) T n-Tetracosane (C24)	14.804	5102255	44.929 ug/ml
15) T n-Hexacosane (C26)	15.826	5334757	48.135 ug/ml
16) T n-Octacosane (C28)	16.772	5365755	49.674 ug/ml
17) T n-Tricontane (C30)	17.661	5147479	47.323 ug/ml
18) T n-Dotriacontane (C32)	18.492	5110729	48.998 ug/ml
19) T n-Tetratriacontane (C34)	19.274	4998303	54.177 ug/ml
20) T n-Hexatriacontane (C36)	20.011	4621885	58.322 ug/mlm
21) T n-Octatriacontane (C38)	20.739	4508595	60.022 ug/mlm
22) T n-Tetracontane (C40)	21.629	4264275	61.036 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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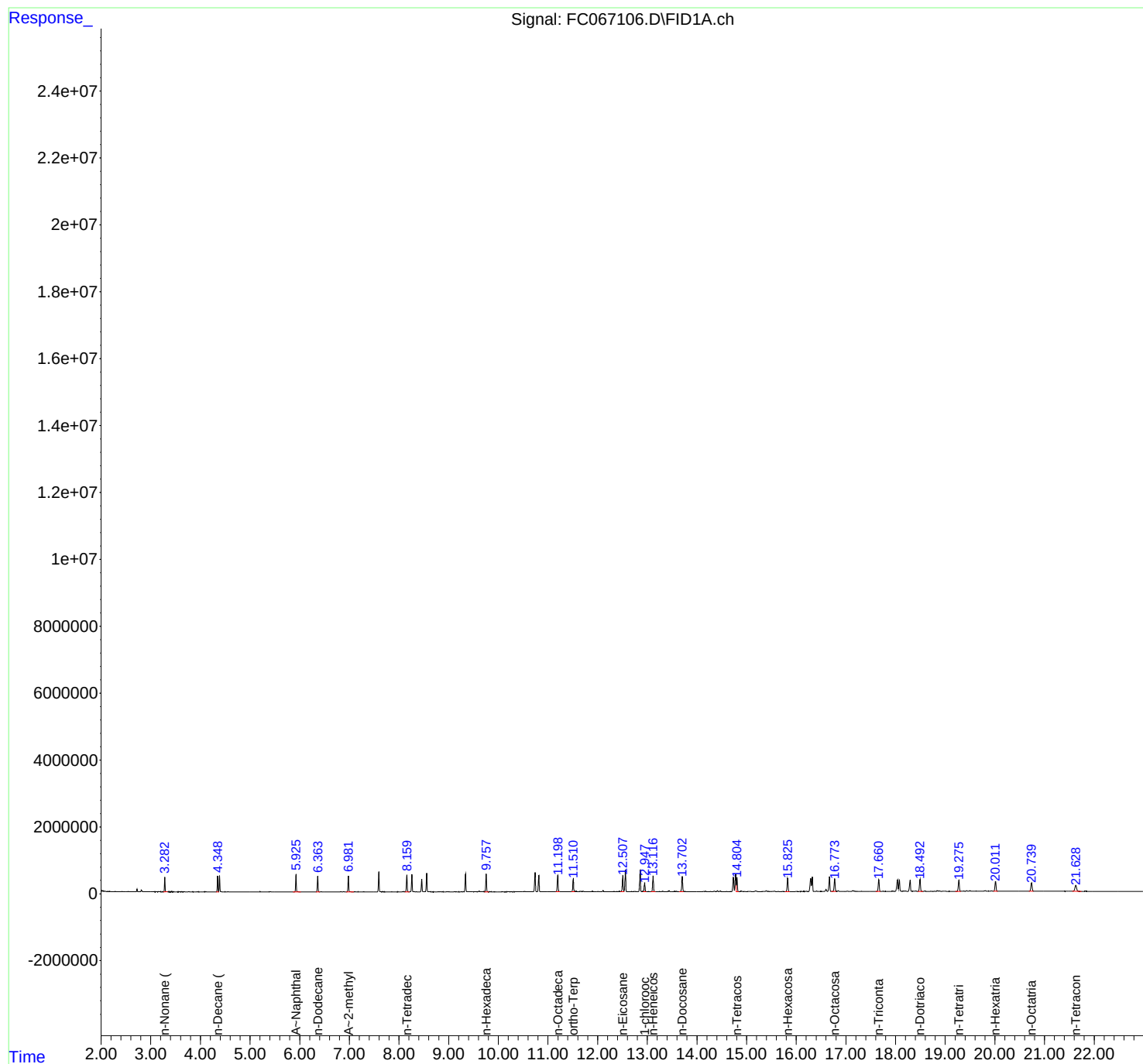
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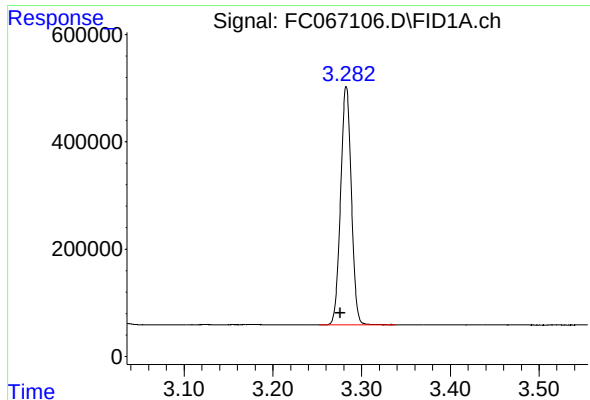
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#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: 0.007 min
Response: 3730239
Conc: 28.12 ug/ml

Instrument :

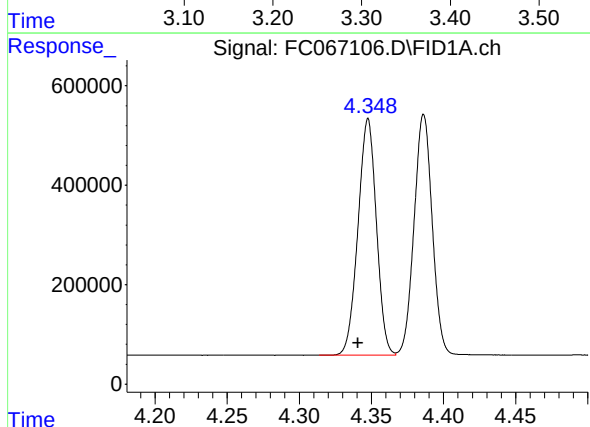
FID_C

ClientSampleId :

PL-701-166MS

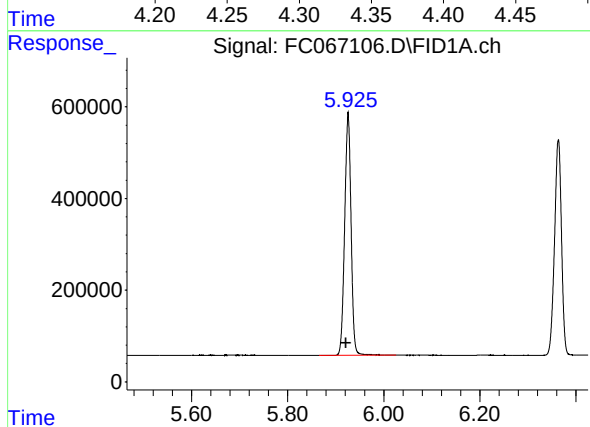
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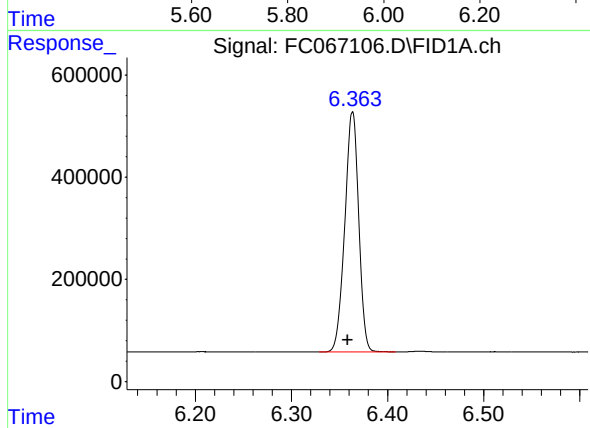
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.007 min
Response: 4236465
Conc: 31.54 ug/ml



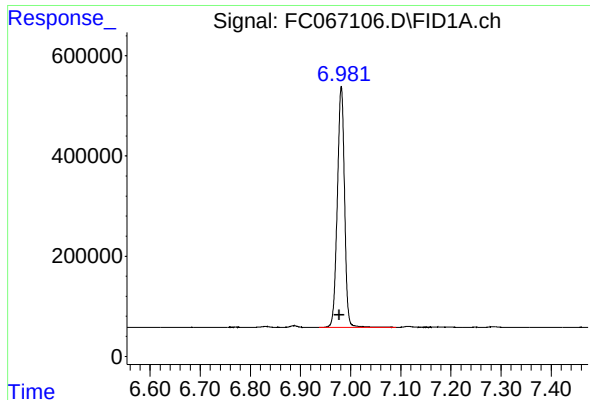
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: 0.004 min
Response: 4886890
Conc: 34.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.005 min
Response: 4739184
Conc: 35.41 ug/ml



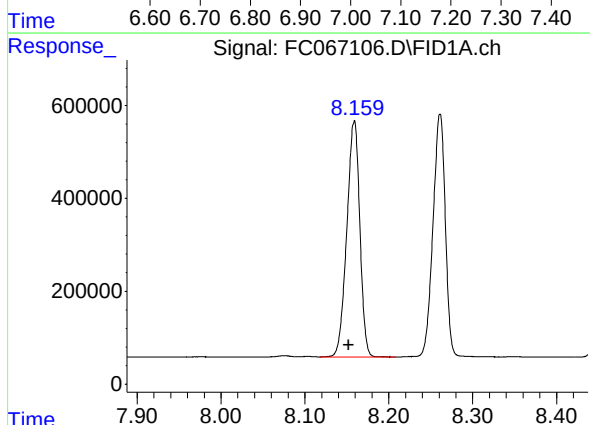
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: 0.004 min
Response: 4796437
Conc: 35.92 ug/ml

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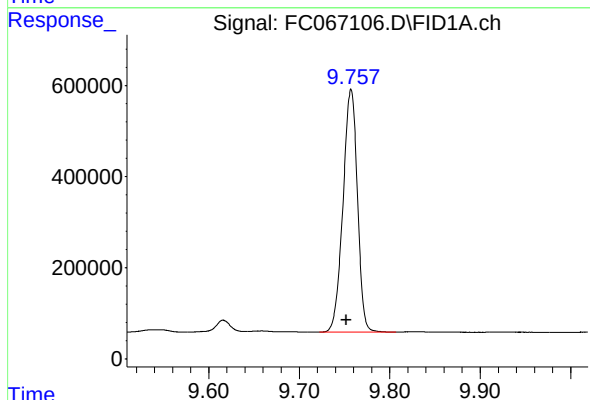
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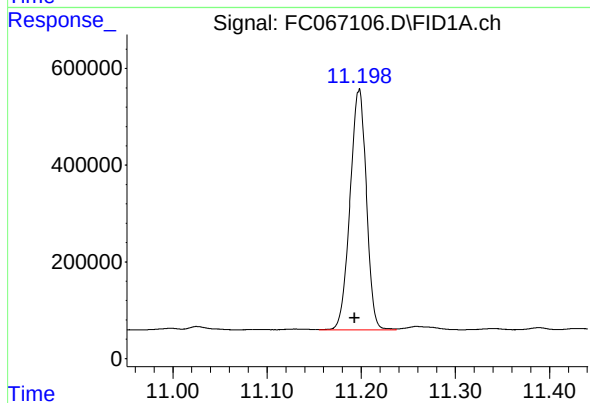
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: 0.007 min
Response: 5499317
Conc: 42.67 ug/ml



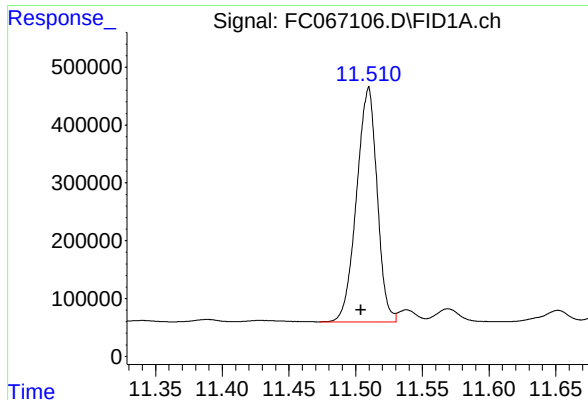
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: 0.005 min
Response: 5910016
Conc: 45.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: 0.005 min
Response: 5999965
Conc: 46.90 ug/ml



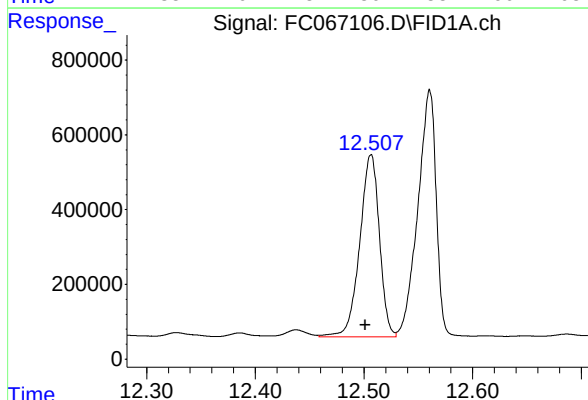
#9 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: 0.005 min
Response: 4350671
Conc: 31.24 ug/ml

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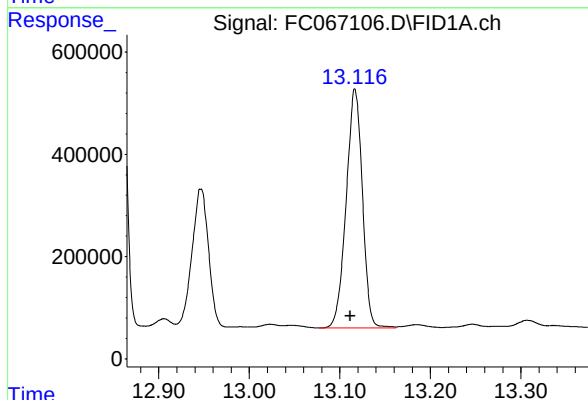
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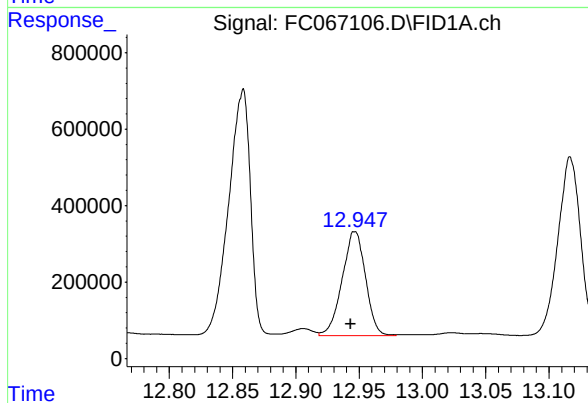
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.005 min
Response: 6119027
Conc: 50.94 ug/ml



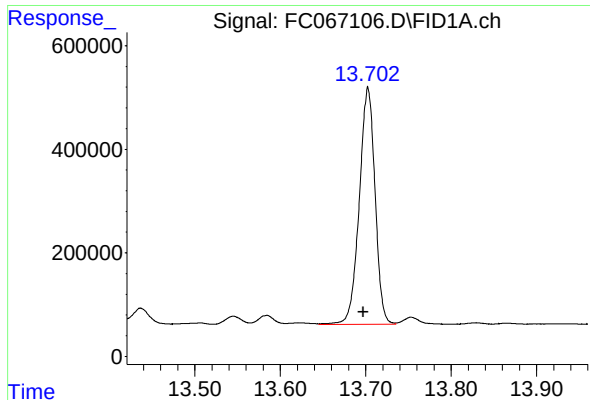
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.005 min
Response: 5820545
Conc: 49.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.947 min
Delta R.T.: 0.003 min
Response: 3492318
Conc: 35.75 ug/ml



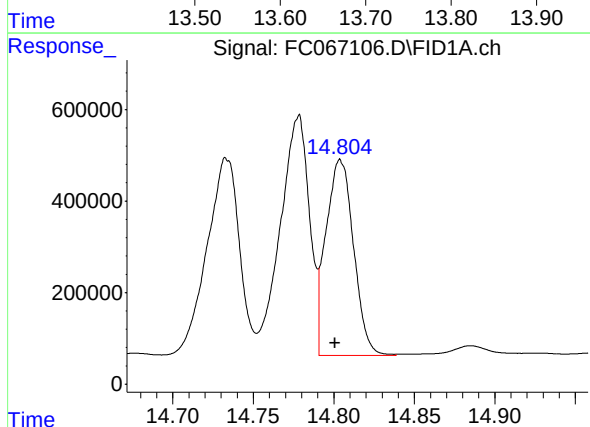
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.005 min
Response: 5872720
Conc: 50.86 ug/ml

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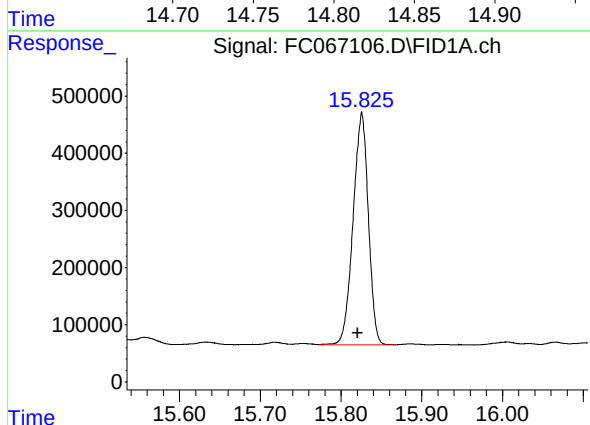
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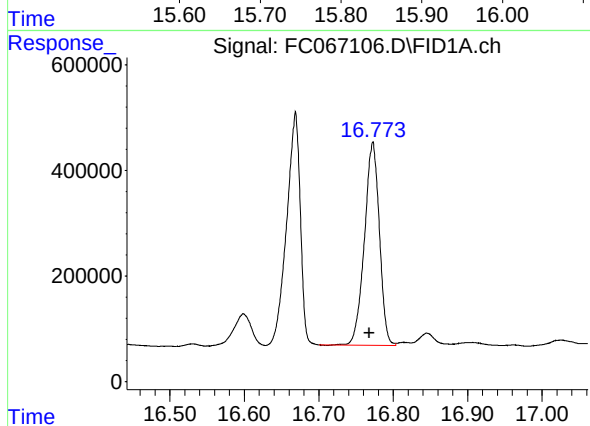
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: 0.003 min
Response: 5102255
Conc: 44.93 ug/ml



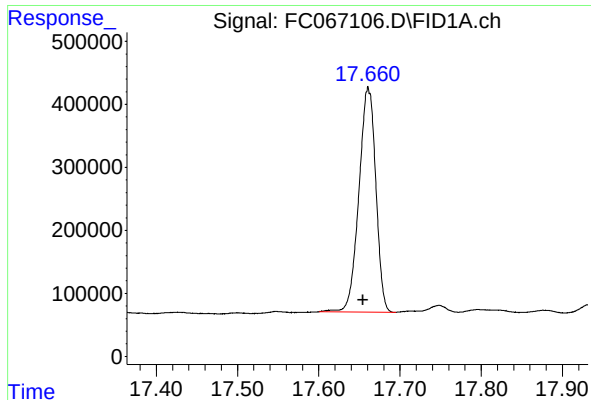
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: 0.005 min
Response: 5334757
Conc: 48.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: 0.004 min
Response: 5365755
Conc: 49.67 ug/ml



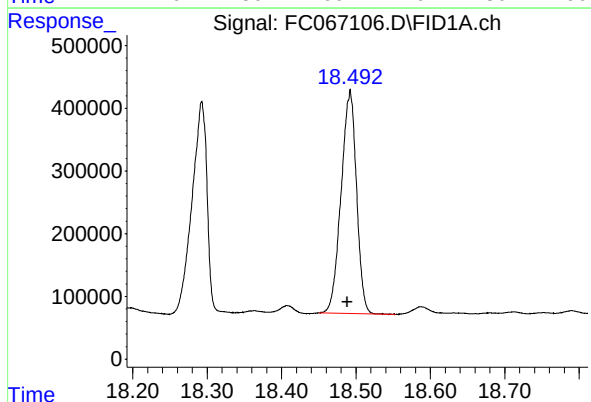
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: 0.007 min
Response: 5147479
Conc: 47.32 ug/ml

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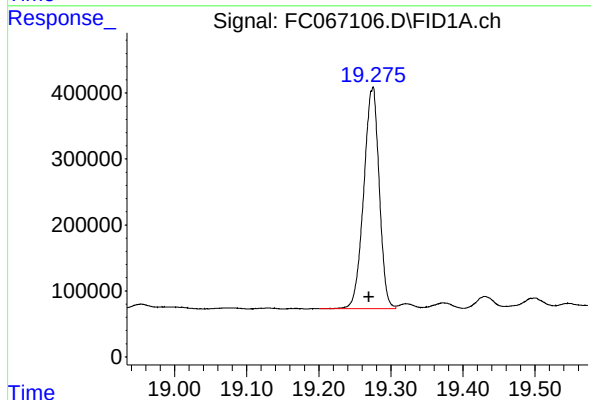
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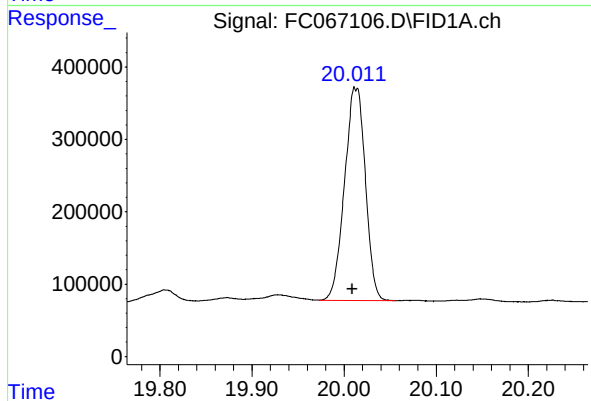
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: 0.003 min
Response: 5110729
Conc: 49.00 ug/ml



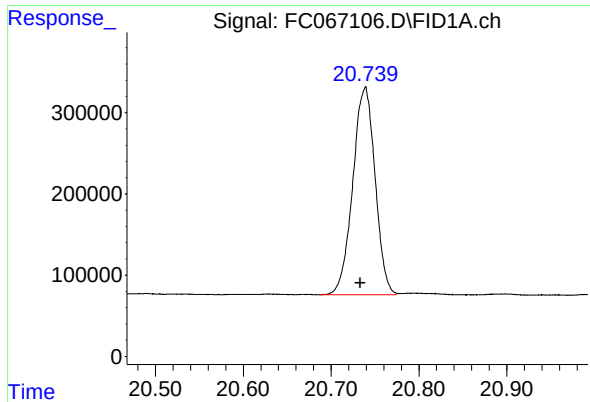
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.005 min
Response: 4998303
Conc: 54.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: 0.002 min
Response: 4621885
Conc: 58.32 ug/ml m



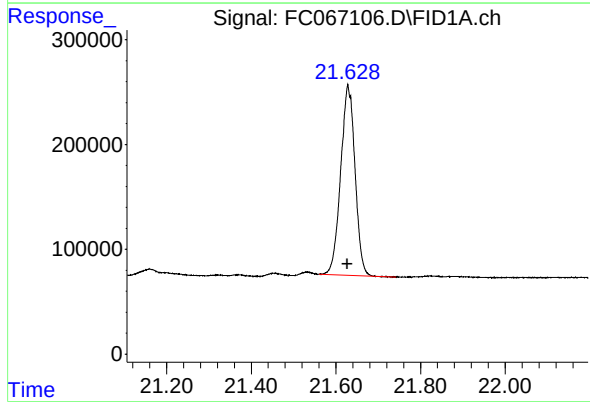
#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: 0.006 min
Response: 4508595
Conc: 60.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: 0.002 min
Response: 4264275
Conc: 61.04 ug/ml