

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100824AL\
 Data File : FC067393.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2024 18:22
 Operator : YP/AJ
 Sample : P4340-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1B-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :Ankita Jodhani 10/09/2024

Integration File: autoint1.e
 Quant Time: Oct 09 02:11:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.504	4498795	29.566 ug/ml
Spiked Amount 50.000		Recovery =	59.13%
12) S 1-chlorooctadecane (S...	12.943	3561660	31.465 ug/ml
Spiked Amount 50.000		Recovery =	62.93%
Target Compounds			
1) T n-Nonane (C9)	3.279	3657851	28.857 ug/ml
2) T n-Decane (C10)	4.344	4098185	31.882 ug/ml
3) T A~Naphthalene (C11.7)	5.922	4815302	33.945 ug/ml
4) T n-Dodecane (C12)	6.360	4349490	33.519 ug/ml
5) T A~2-methylnaphthalene...	6.978	4650895	33.901 ug/ml
6) T n-Tetradecane (C14)	8.155	4616791	35.845 ug/ml
7) T n-Hexadecane (C16)	9.753	4951749	37.198 ug/ml
8) T n-Octadecane (C18)	11.193	5102706	37.630 ug/ml
10) T n-Eicosane (C20)	12.500	5163993	39.550 ug/ml
11) T n-Heneicosane (C21)	13.111	4946943	38.571 ug/ml
13) T n-Docosane (C22)	13.698	4927626	38.591 ug/ml
14) T n-Tetracosane (C24)	14.800	4673749	36.544 ug/ml
15) T n-Hexacosane (C26)	15.820	4790866	37.997 ug/ml
16) T n-Octacosane (C28)	16.768	4773609	37.998 ug/ml
17) T n-Tricontane (C30)	17.656	4815039	37.377 ug/ml
18) T n-Dotriacontane (C32)	18.486	4779465	38.258 ug/ml
19) T n-Tetratriacontane (C34)	19.269	4776825	43.713 ug/mlm
20) T n-Hexatriacontane (C36)	20.007	4622426	48.905 ug/ml
21) T n-Octatriacontane (C38)	20.733	4693675	53.520 ug/ml
22) T n-Tetracontane (C40)	21.623	4838992	56.236 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P4340-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

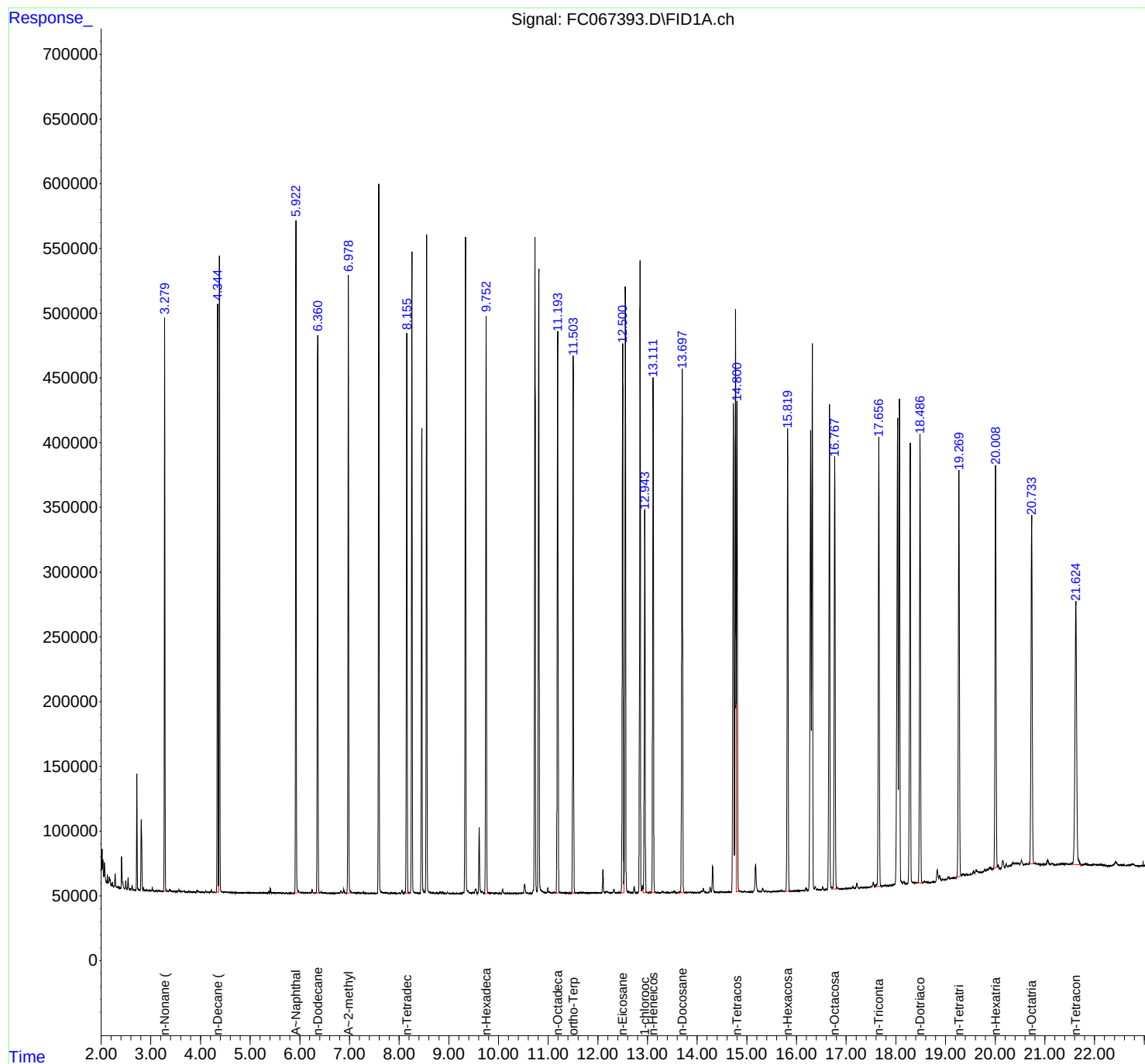
Instrument :
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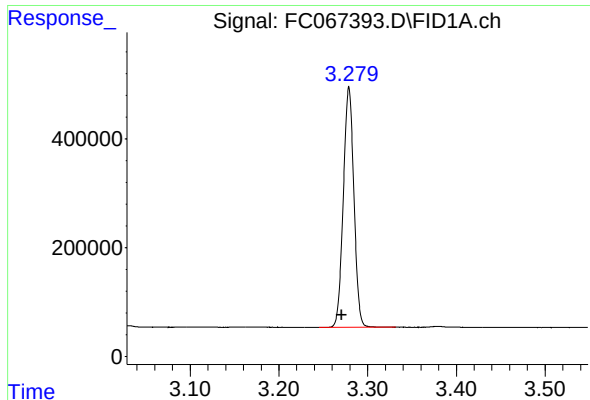
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#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.008 min
Response: 3657851
Conc: 28.86 ug/ml

Instrument :

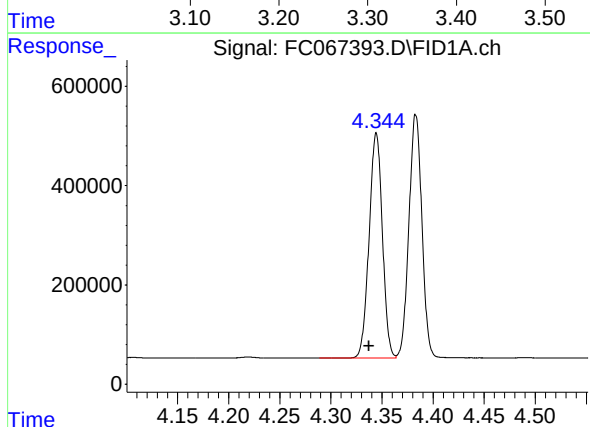
FID_C

ClientSampleId :

1B-3MS

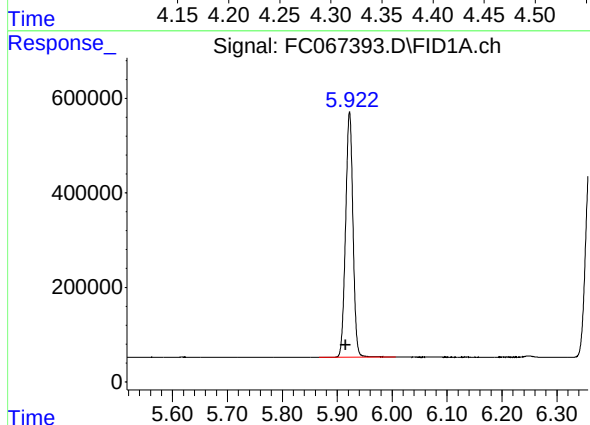
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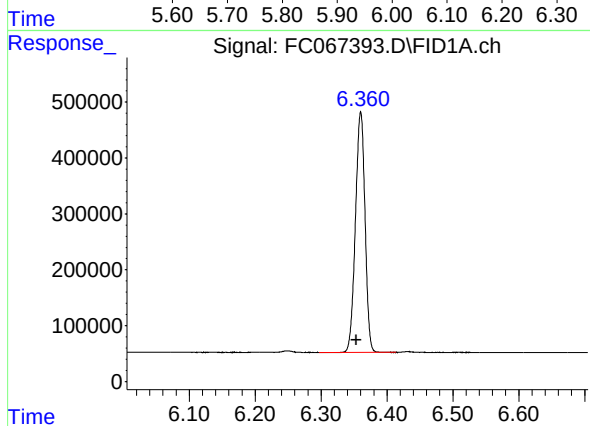
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: 0.007 min
Response: 4098185
Conc: 31.88 ug/ml



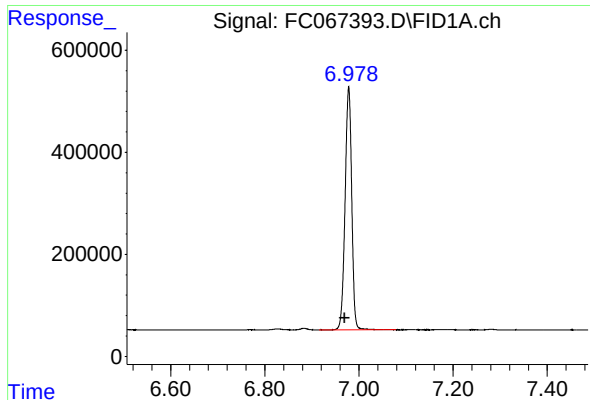
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.007 min
Response: 4815302
Conc: 33.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.007 min
Response: 4349490
Conc: 33.52 ug/ml



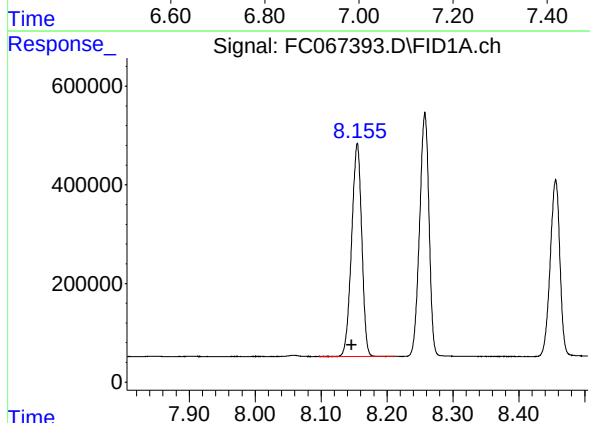
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: 0.008 min
Response: 4650895
Conc: 33.90 ug/ml

Instrument :
FID_C
ClientSampleId :
1B-3MS

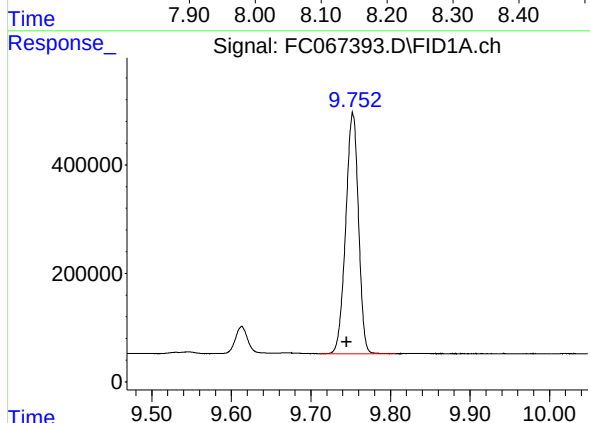
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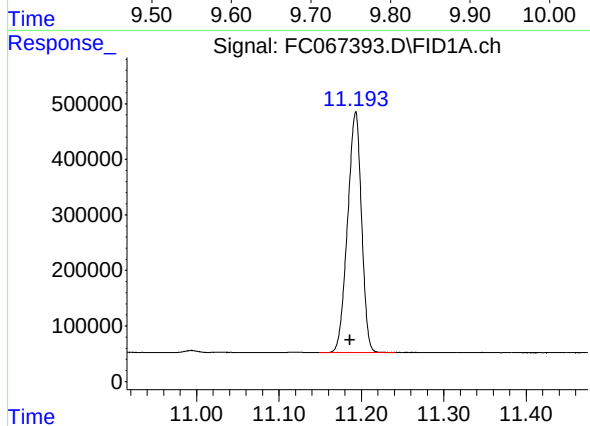
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.008 min
Response: 4616791
Conc: 35.85 ug/ml



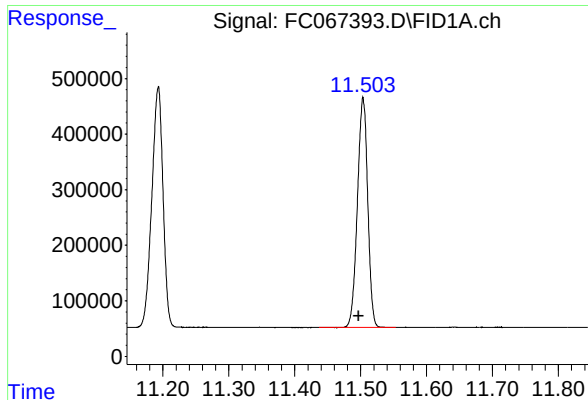
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.008 min
Response: 4951749
Conc: 37.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.007 min
Response: 5102706
Conc: 37.63 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.007 min
Response: 4498795
Conc: 29.57 ug/ml

Instrument :

FID_C

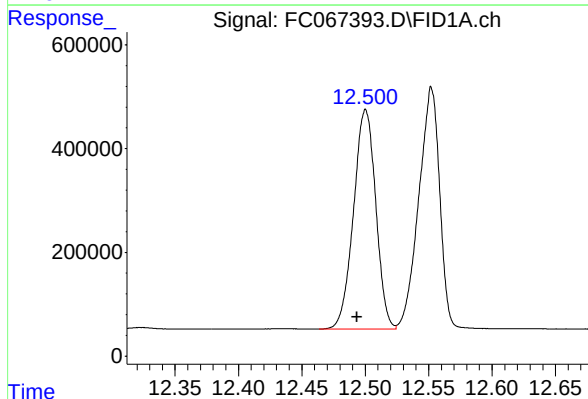
ClientSampleId :

1B-3MS

Manual Integrations

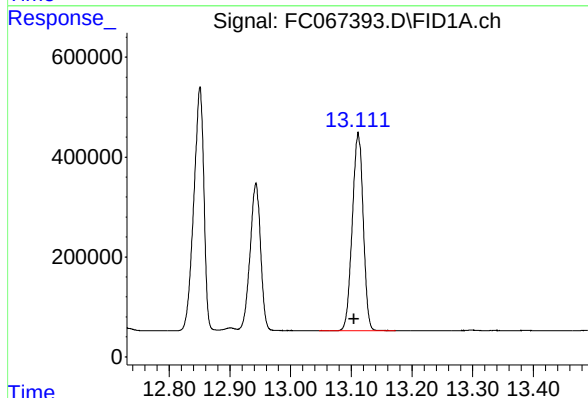
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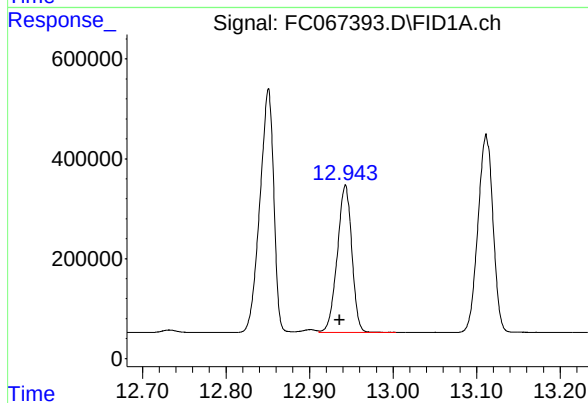
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.007 min
Response: 5163993
Conc: 39.55 ug/ml



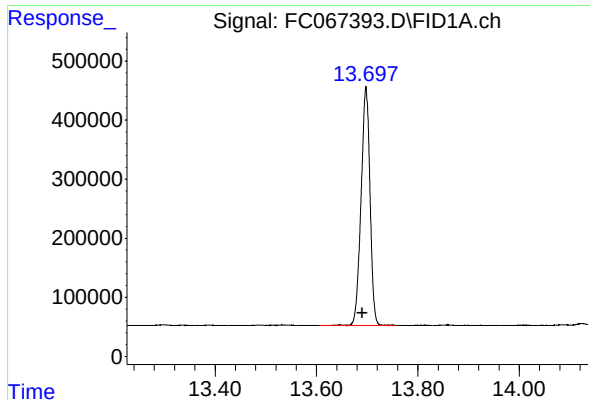
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.007 min
Response: 4946943
Conc: 38.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: 0.007 min
Response: 3561660
Conc: 31.47 ug/ml



#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: 0.007 min
Response: 4927626
Conc: 38.59 ug/ml

Instrument :

FID_C

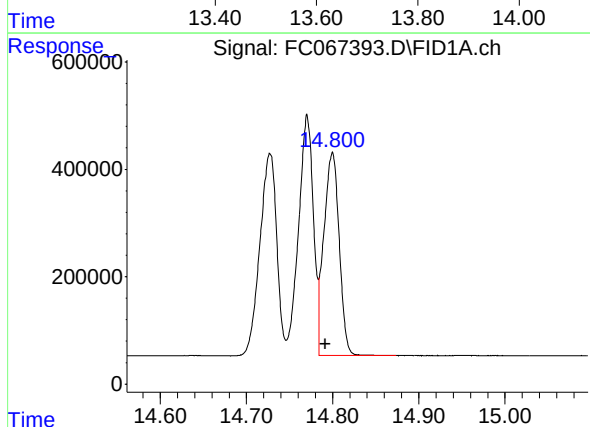
ClientSampleId :

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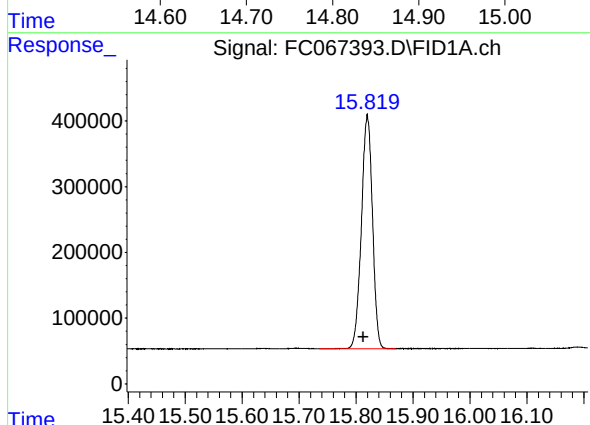
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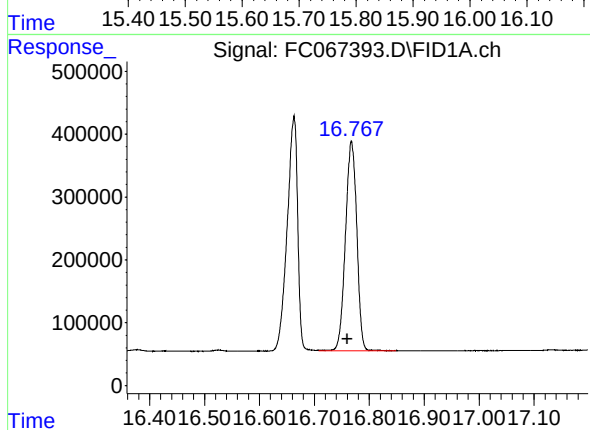
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.008 min
Response: 4673749
Conc: 36.54 ug/ml



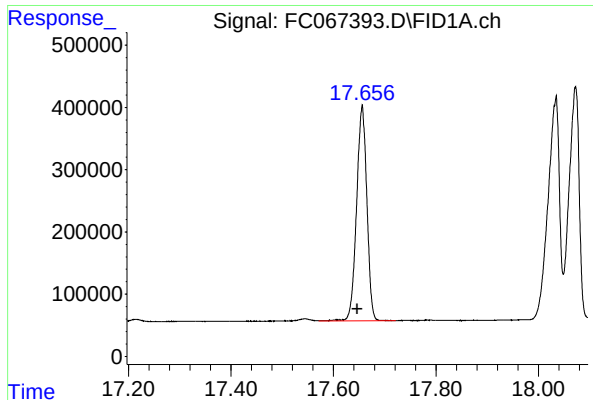
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.007 min
Response: 4790866
Conc: 38.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.768 min
Delta R.T.: 0.008 min
Response: 4773609
Conc: 38.00 ug/ml



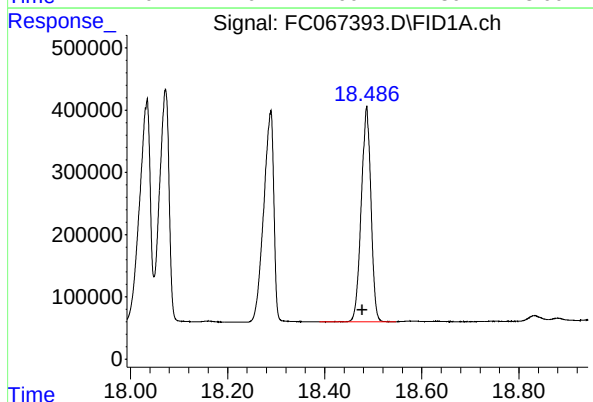
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.010 min
Response: 4815039
Conc: 37.38 ug/ml

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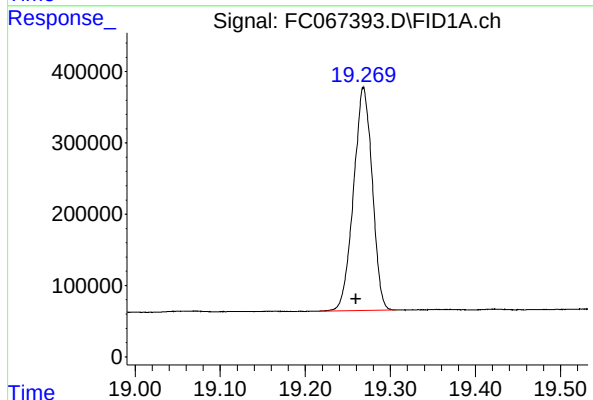
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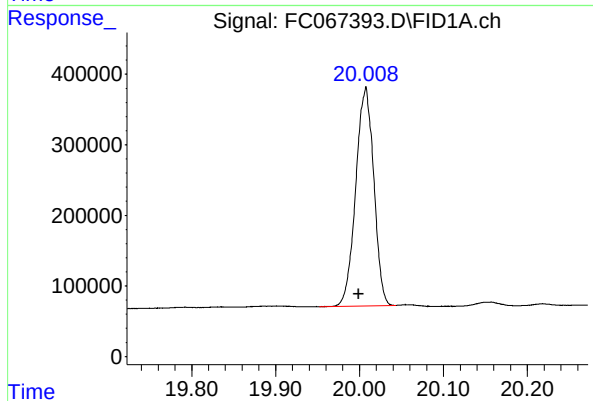
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.009 min
Response: 4779465
Conc: 38.26 ug/ml



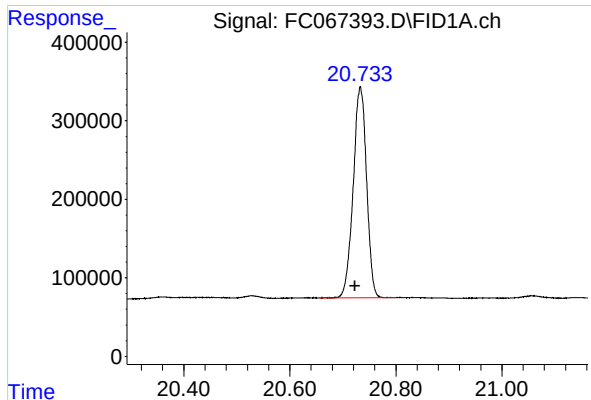
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min
Delta R.T.: 0.009 min
Response: 4776825
Conc: 43.71 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: 0.008 min
Response: 4622426
Conc: 48.91 ug/ml



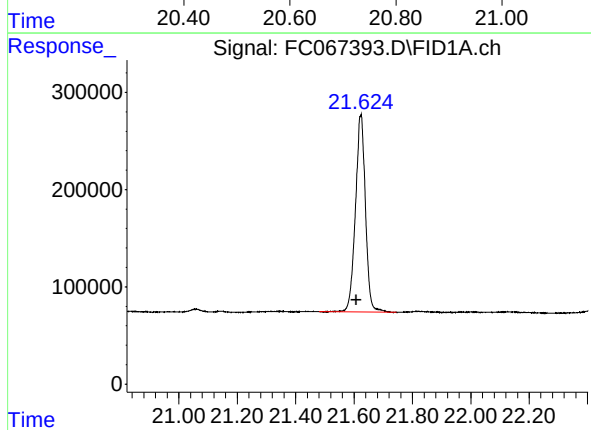
#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.010 min
Response: 4693675
Conc: 53.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: 0.015 min
Response: 4838992
Conc: 56.24 ug/ml