

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100824AL\
 Data File : FC067394.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2024 18:59
 Operator : YP/AJ
 Sample : P4340-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1B-3MSD

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 02:11:43 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	4464024	29.337 ug/ml
Spiked Amount 50.000		Recovery =	58.67%
12) S 1-chlorooctadecane (S...	12.942	3552317	31.383 ug/ml
Spiked Amount 50.000		Recovery =	62.77%
Target Compounds			
1) T n-Nonane (C9)	3.280	3736633	29.478 ug/ml
2) T n-Decane (C10)	4.345	4179102	32.512 ug/ml
3) T A~Naphthalene (C11.7)	5.923	4852855	34.210 ug/ml
4) T n-Dodecane (C12)	6.360	4420670	34.068 ug/ml
5) T A~2-methylnaphthalene...	6.978	4695053	34.223 ug/ml
6) T n-Tetradecane (C14)	8.155	4693433	36.440 ug/ml
7) T n-Hexadecane (C16)	9.753	5039333	37.856 ug/ml
8) T n-Octadecane (C18)	11.193	5202926	38.369 ug/ml
10) T n-Eicosane (C20)	12.501	5269475	40.358 ug/ml
11) T n-Heneicosane (C21)	13.111	5060115	39.453 ug/ml
13) T n-Docosane (C22)	13.698	5036510	39.444 ug/ml
14) T n-Tetracosane (C24)	14.800	4733363	37.011 ug/ml
15) T n-Hexacosane (C26)	15.821	4895103	38.824 ug/ml
16) T n-Octacosane (C28)	16.768	4868552	38.753 ug/ml
17) T n-Tricontane (C30)	17.656	4896277	38.007 ug/ml
18) T n-Dotriacontane (C32)	18.487	4874849	39.021 ug/ml
19) T n-Tetratriacontane (C34)	19.269	4850557	44.388 ug/mlm
20) T n-Hexatriacontane (C36)	20.008	4780125	50.574 ug/ml
21) T n-Octatriacontane (C38)	20.733	4793301	54.656 ug/ml
22) T n-Tetracontane (C40)	21.626	4834506	56.184 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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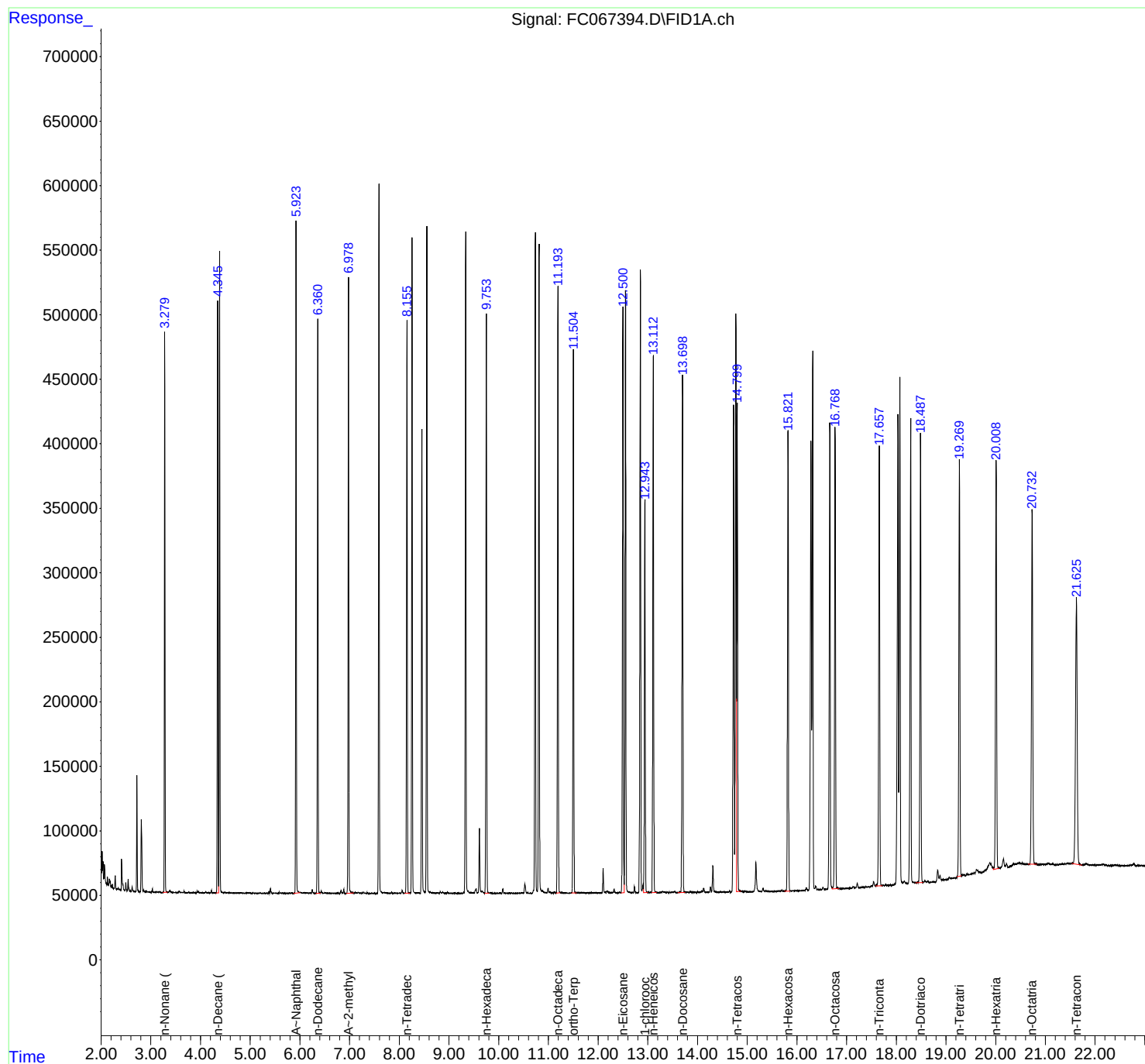
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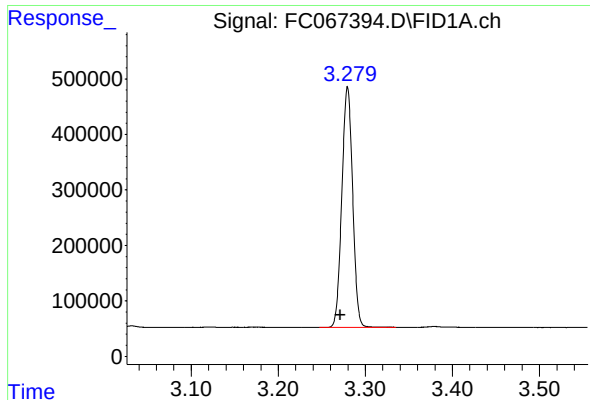
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#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.009 min
Response: 3736633
Conc: 29.48 ug/ml

Instrument :

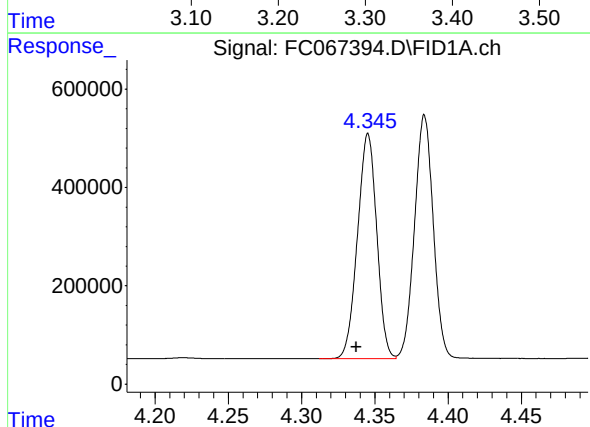
FID_C

ClientSampleId :

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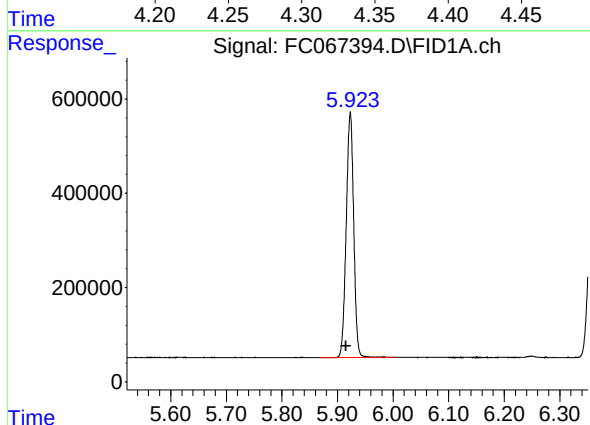
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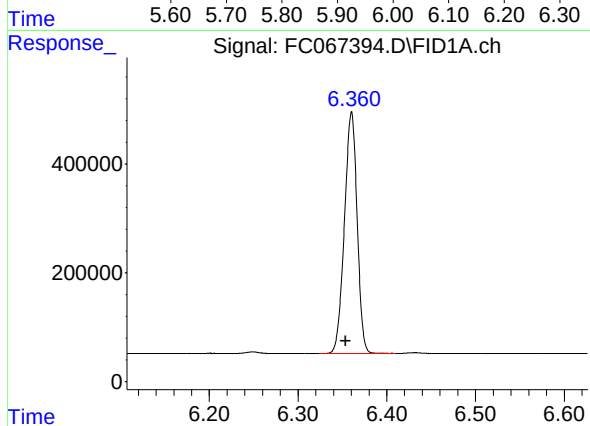
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.008 min
Response: 4179102
Conc: 32.51 ug/ml



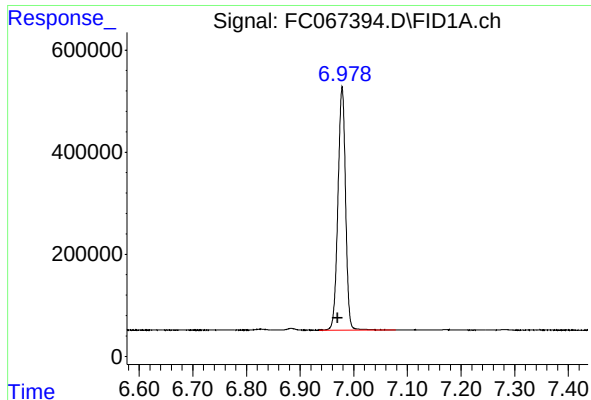
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.008 min
Response: 4852855
Conc: 34.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.007 min
Response: 4420670
Conc: 34.07 ug/ml



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

R.T.: 6.978 min
Delta R.T.: 0.008 min
Response: 4695053
Conc: 34.22 ug/ml

Instrument :

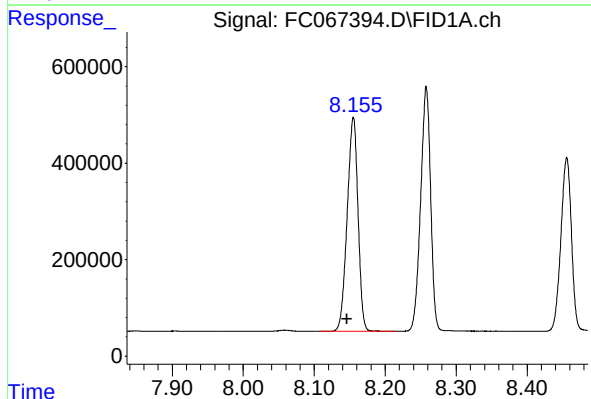
FID_C

ClientSampleId :

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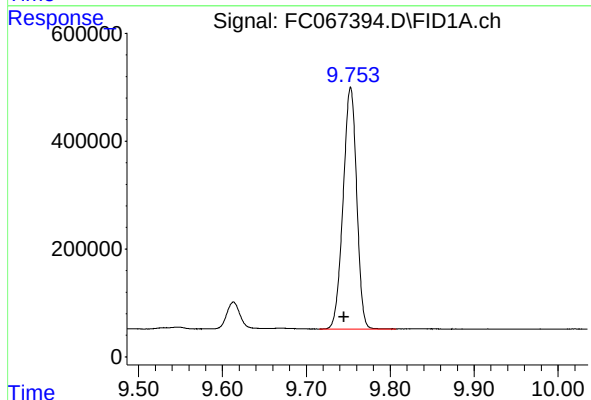
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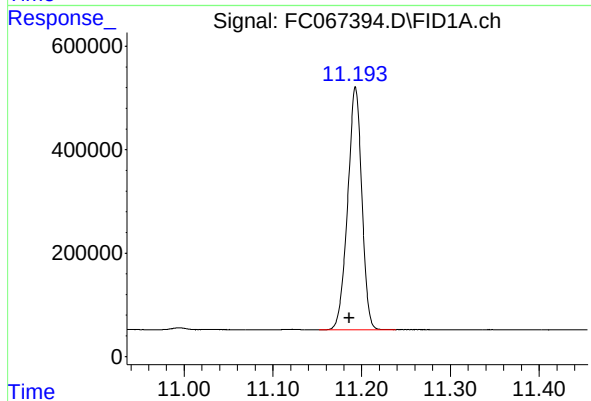
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.009 min
Response: 4693433
Conc: 36.44 ug/ml



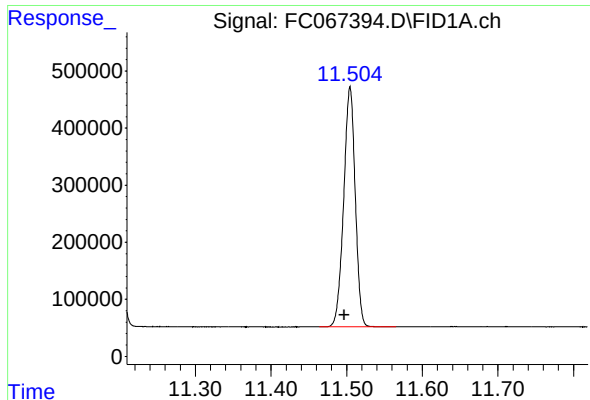
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.008 min
Response: 5039333
Conc: 37.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.007 min
Response: 5202926
Conc: 38.37 ug/ml



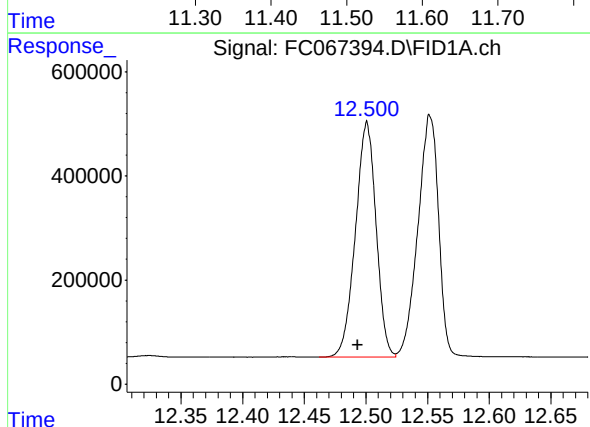
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.007 min
Response: 4464024
Conc: 29.34 ug/ml

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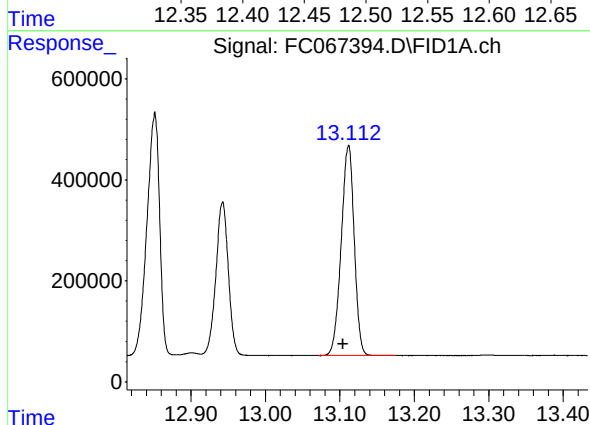
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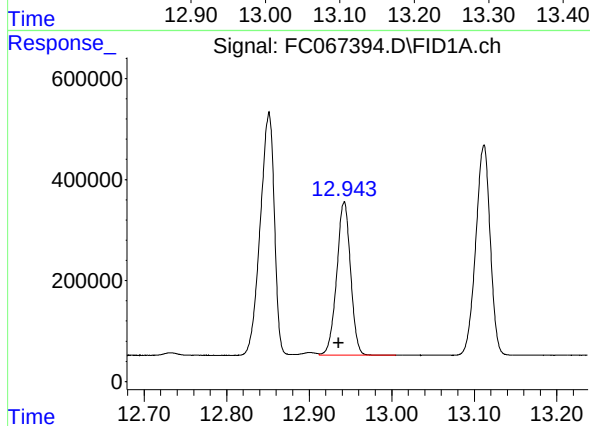
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.007 min
Response: 5269475
Conc: 40.36 ug/ml



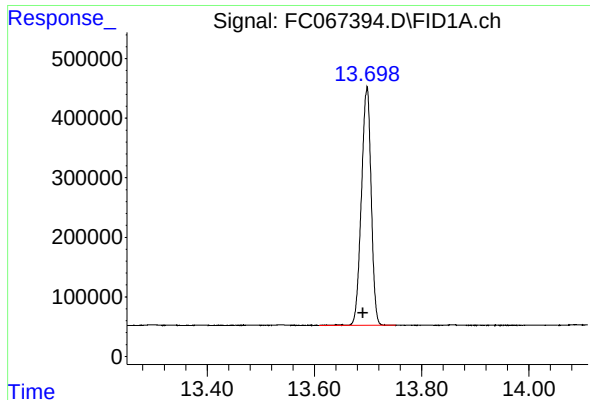
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.007 min
Response: 5060115
Conc: 39.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: 0.007 min
Response: 3552317
Conc: 31.38 ug/ml



#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: 0.007 min
Response: 5036510
Conc: 39.44 ug/ml

Instrument :

FID_C

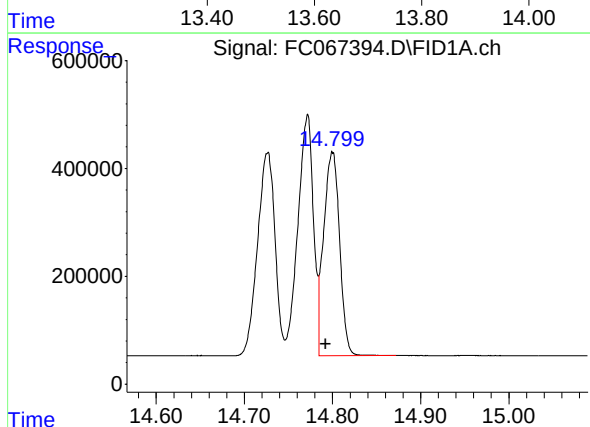
ClientSampleId :

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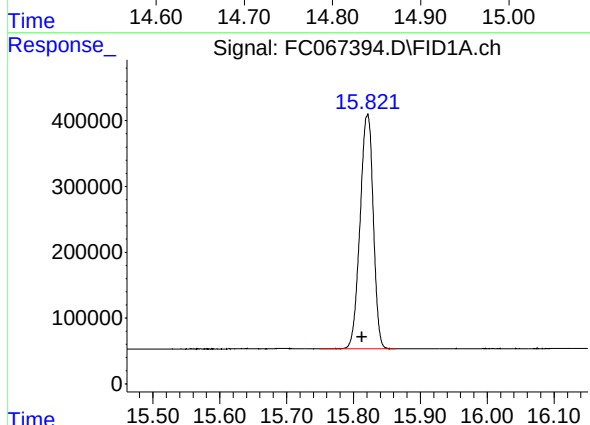
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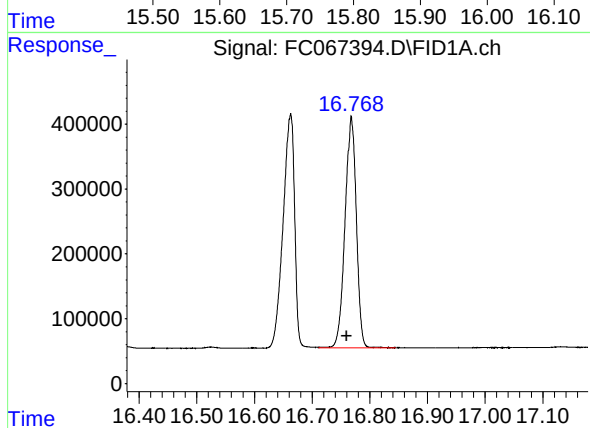
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.008 min
Response: 4733363
Conc: 37.01 ug/ml



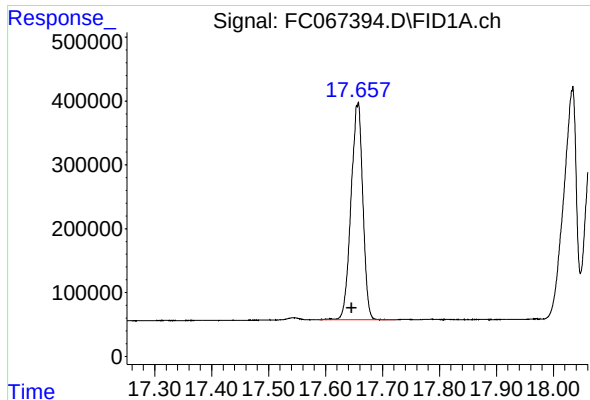
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.008 min
Response: 4895103
Conc: 38.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.768 min
Delta R.T.: 0.008 min
Response: 4868552
Conc: 38.75 ug/ml



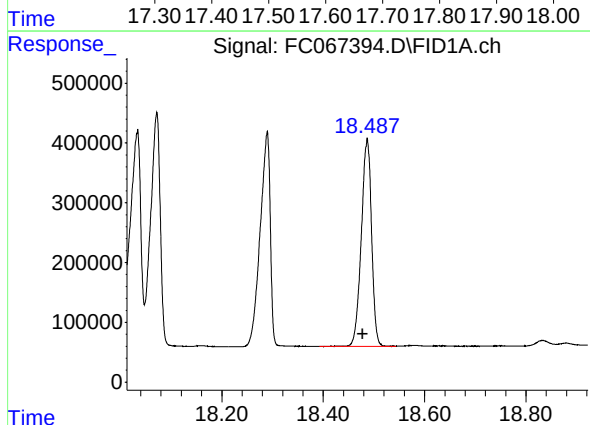
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.010 min
Response: 4896277
Conc: 38.01 ug/ml

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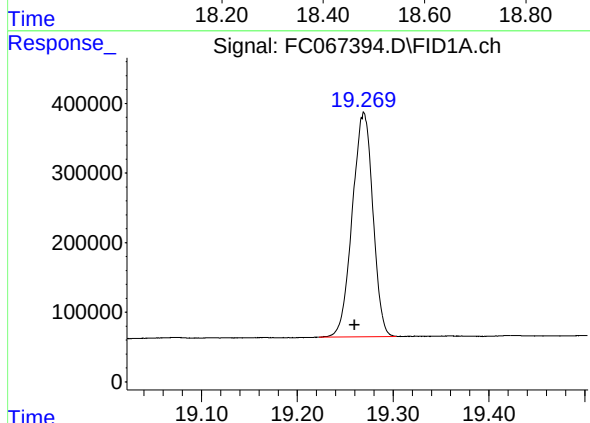
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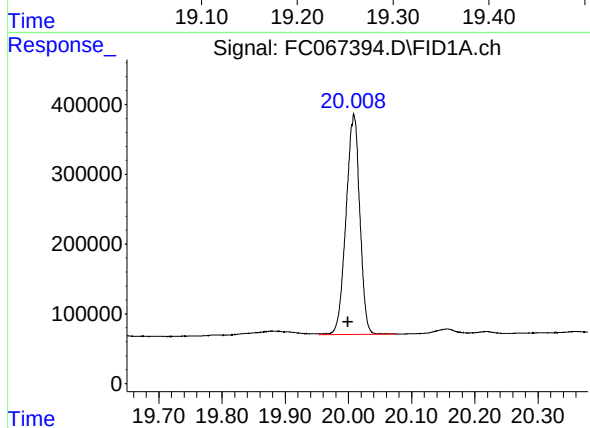
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: 0.009 min
Response: 4874849
Conc: 39.02 ug/ml



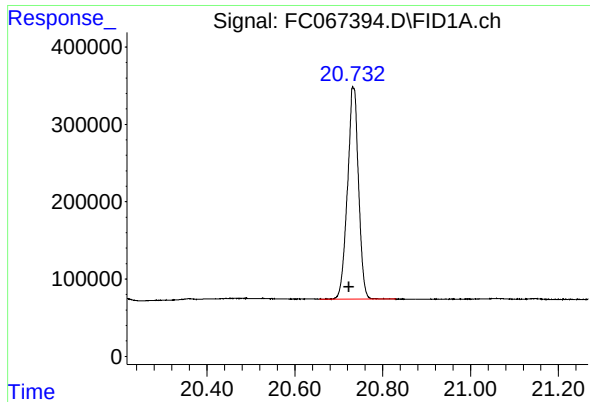
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min
Delta R.T.: 0.009 min
Response: 4850557
Conc: 44.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: 0.009 min
Response: 4780125
Conc: 50.57 ug/ml



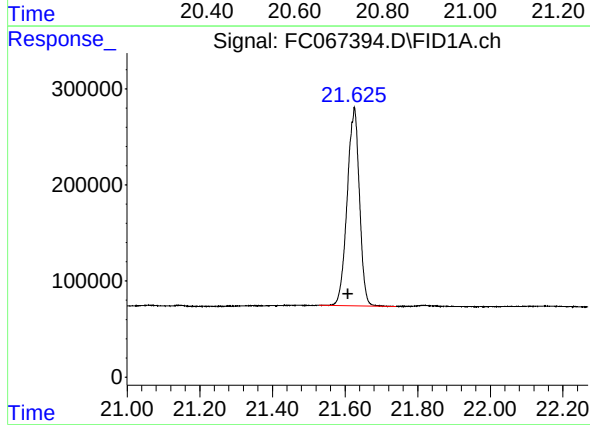
#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.010 min
Response: 4793301
Conc: 54.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: 0.018 min
Response: 4834506
Conc: 56.18 ug/ml