

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111224AL\
 Data File : FC067716.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2024 19:50
 Operator : YP/AJ
 Sample : PB164913BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164913BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :Ankita Jodhani 11/13/2024

Integration File: autoint1.e
 Quant Time: Nov 12 23:55:57 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)	11.491	6247790	42.580 ug/ml
Spiked Amount 50.000		Recovery =	85.16%
12) S 1-chlorooctadecane (S...	12.928	4672307	43.267 ug/ml
Spiked Amount 50.000		Recovery =	86.53%
Target Compounds			
1) T n-Nonane (C9)	3.287	6032746	44.780 ug/ml
2) T n-Decane (C10)	4.343	6425042	47.158 ug/ml
3) T A~Naphthalene (C11.7)	5.915	7206548	48.631 ug/ml
4) T n-Dodecane (C12)	6.352	6602904	48.751 ug/ml
5) T A~2-methylnaphthalene...	6.968	6565127	46.488 ug/ml
6) T n-Tetradecane (C14)	8.144	6570225	50.055 ug/ml
7) T n-Hexadecane (C16)	9.739	6492990	49.151 ug/ml
8) T n-Octadecane (C18)	11.180	6482263	49.066 ug/ml
10) T n-Eicosane (C20)	12.487	6495509	51.479 ug/ml
11) T n-Heneicosane (C21)	13.098	6193527	50.185 ug/ml
13) T n-Docosane (C22)	13.683	6133250	50.088 ug/ml
14) T n-Tetracosane (C24)	14.755	12492008	103.061 ug/mlm
15) T n-Hexacosane (C26)	15.803	5989932	50.312 ug/ml
16) T n-Octacosane (C28)	16.750	6023883	51.203 ug/ml
17) T n-Tricontane (C30)	17.638	6099270	50.461 ug/ml
18) T n-Dotriacontane (C32)	18.467	6023783	50.911 ug/ml
19) T n-Tetratriacontane (C34)	19.249	5893099	56.271 ug/ml
20) T n-Hexatriacontane (C36)	19.986	5383100	59.137 ug/ml
21) T n-Octatriacontane (C38)	20.708	4990874	57.630 ug/ml
22) T n-Tetracontane (C40)	21.590	5035890	59.238 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
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ALS Vial : 12 Sample Multiplier: 1

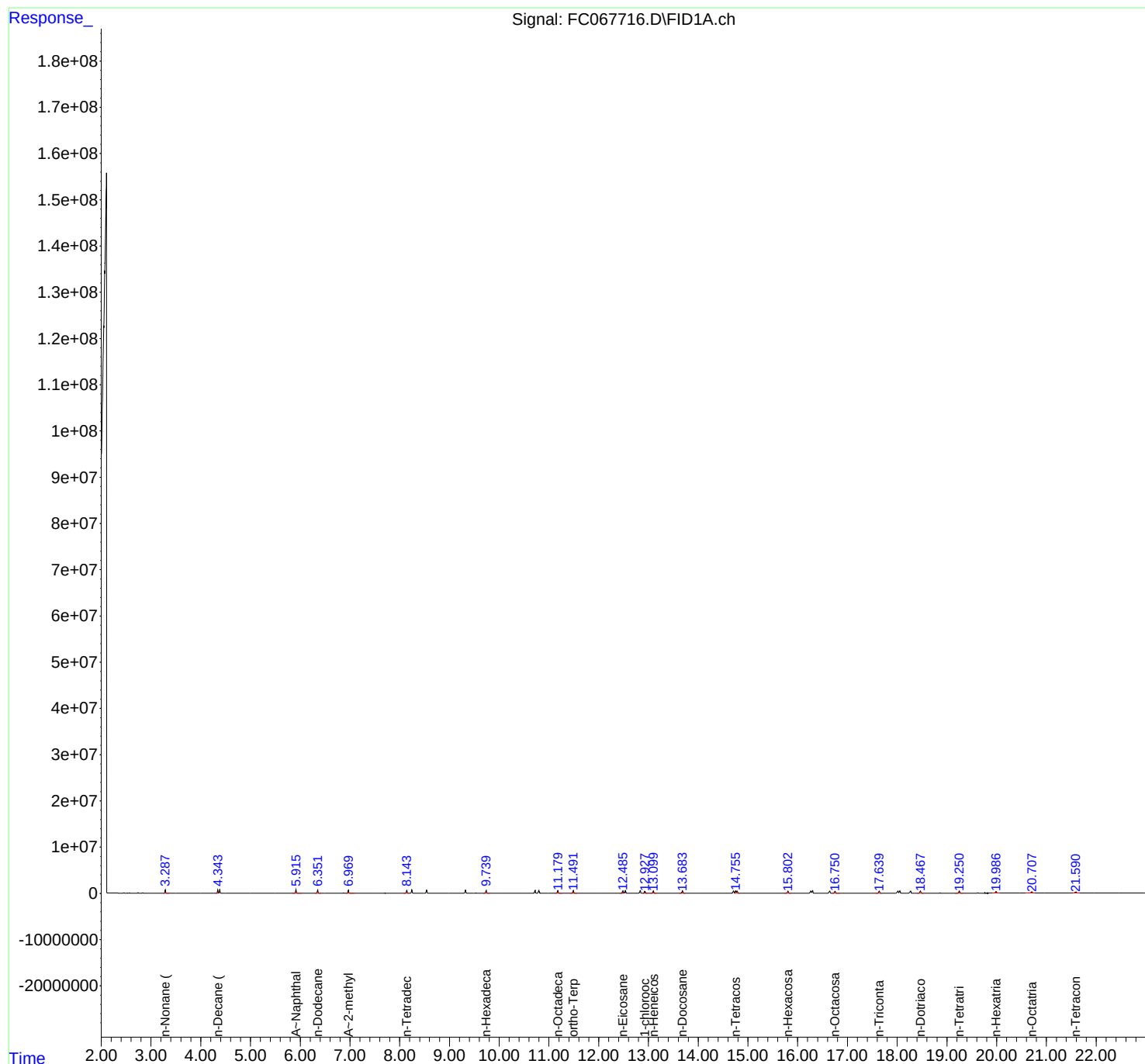
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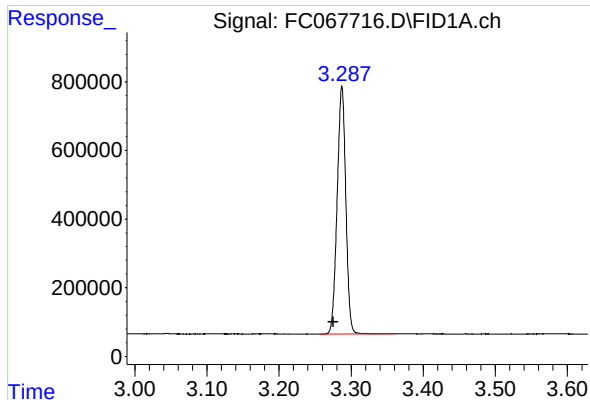
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#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.012 min
Response: 6032746
Conc: 44.78 ug/ml

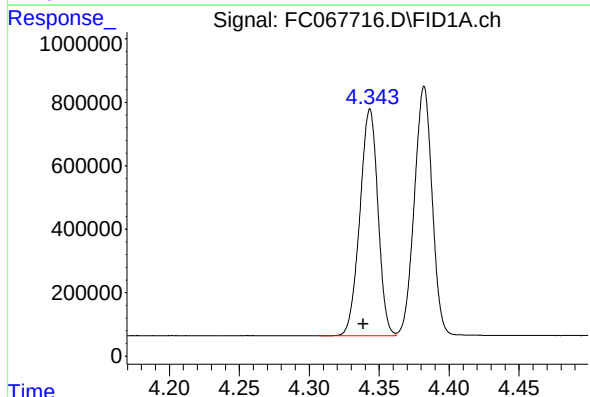
Instrument :

FID_C

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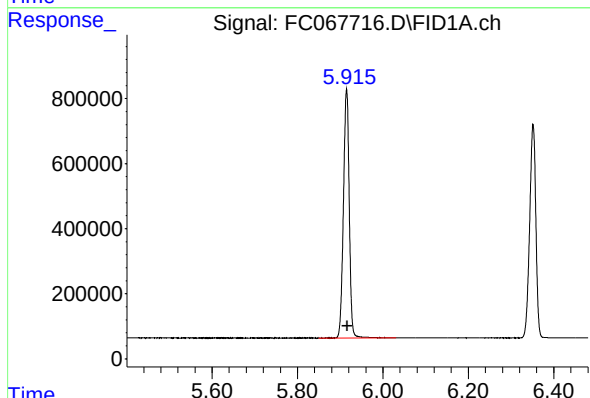
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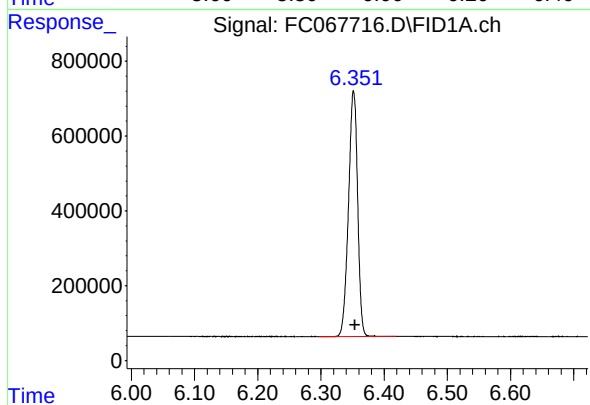
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.005 min
Response: 6425042
Conc: 47.16 ug/ml



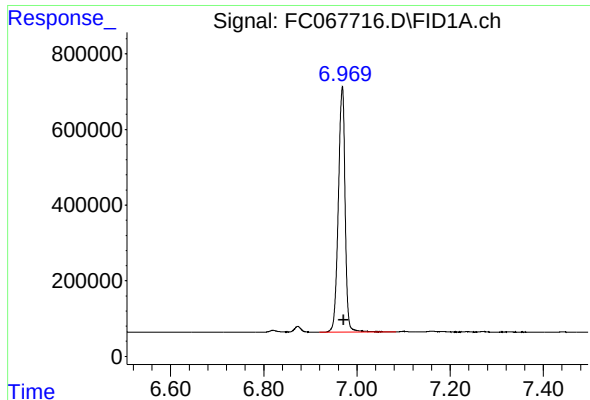
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 7206548
Conc: 48.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 6602904
Conc: 48.75 ug/ml



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

R.T.: 6.968 min
Delta R.T.: -0.003 min
Response: 6565127
Conc: 46.49 ug/ml

Instrument :

FID_C

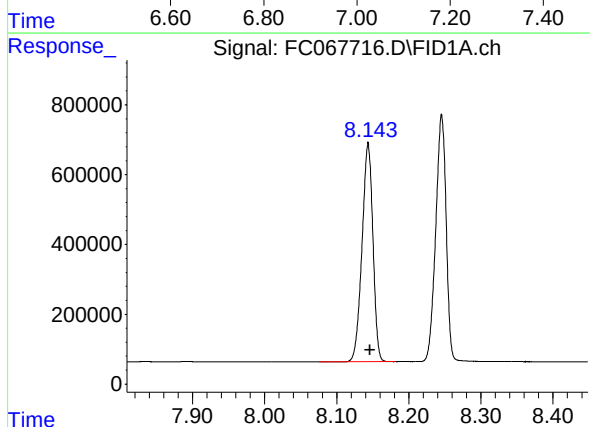
ClientSampleId :

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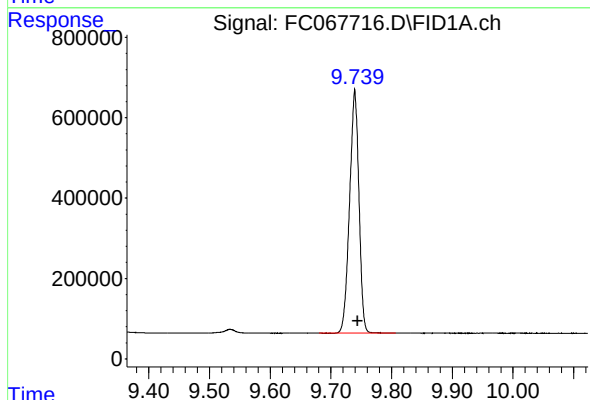
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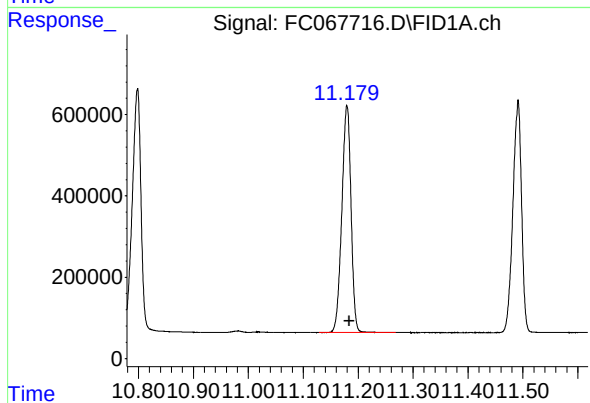
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.002 min
Response: 6570225
Conc: 50.05 ug/ml



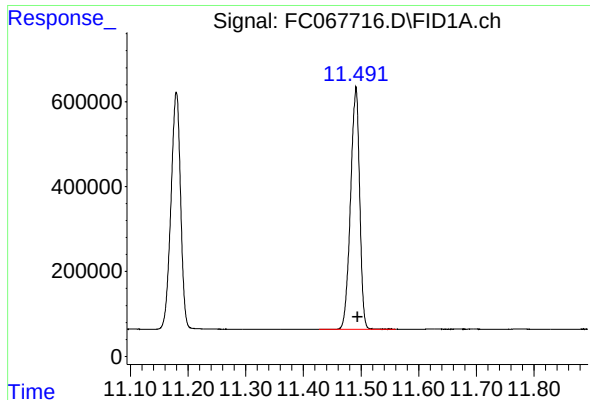
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.004 min
Response: 6492990
Conc: 49.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: -0.004 min
Response: 6482263
Conc: 49.07 ug/ml



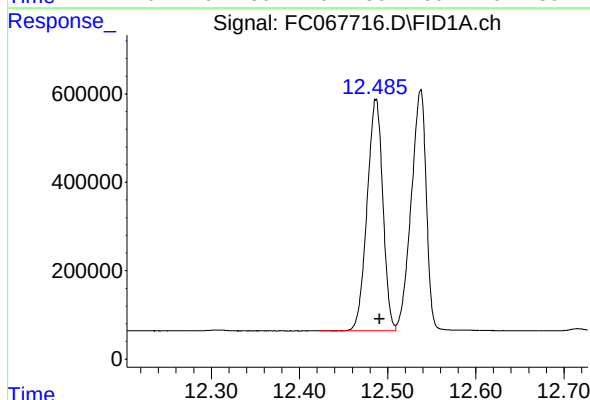
#9 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: -0.003 min
Response: 6247790
Conc: 42.58 ug/ml

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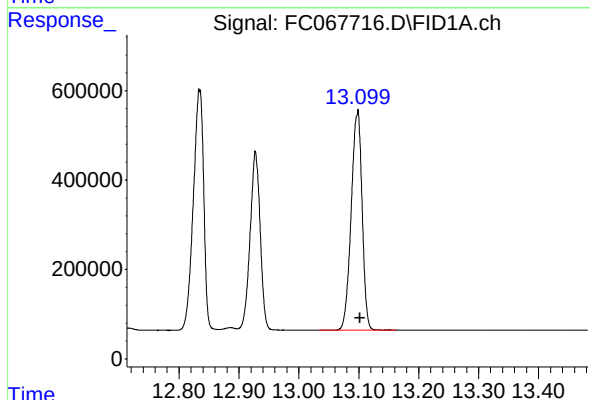
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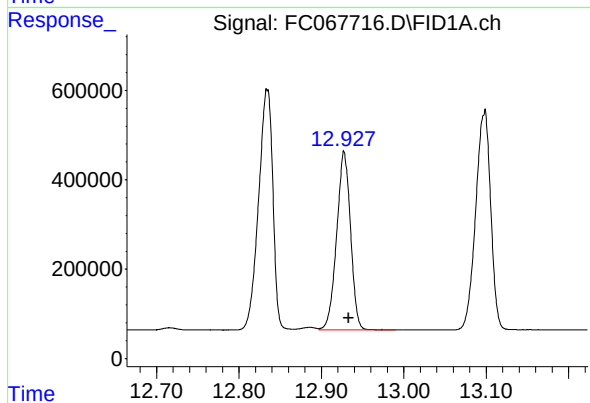
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.004 min
Response: 6495509
Conc: 51.48 ug/ml



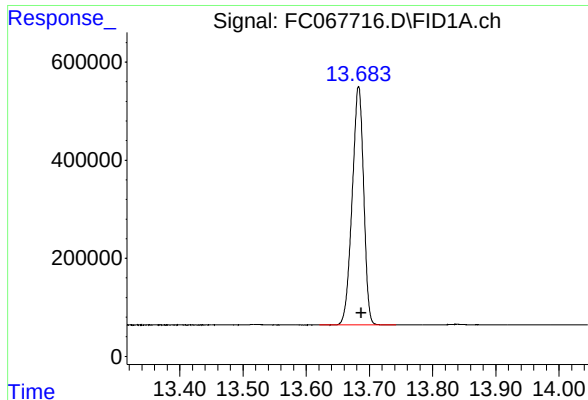
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.004 min
Response: 6193527
Conc: 50.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: -0.005 min
Response: 4672307
Conc: 43.27 ug/ml



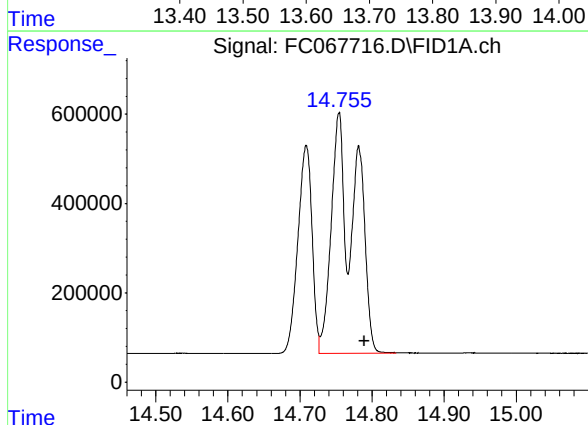
#13 n-Docosane (C22)

R.T.: 13.683 min
Delta R.T.: -0.004 min
Response: 6133250
Conc: 50.09 ug/ml

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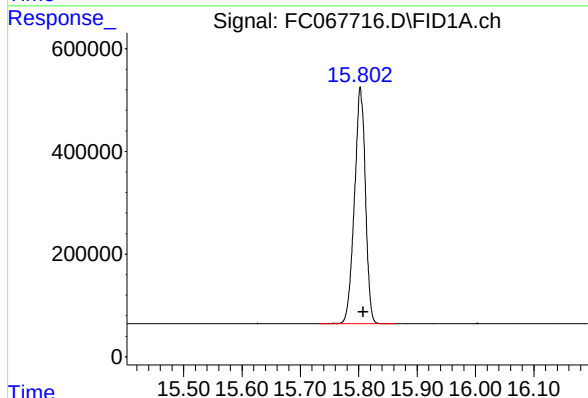
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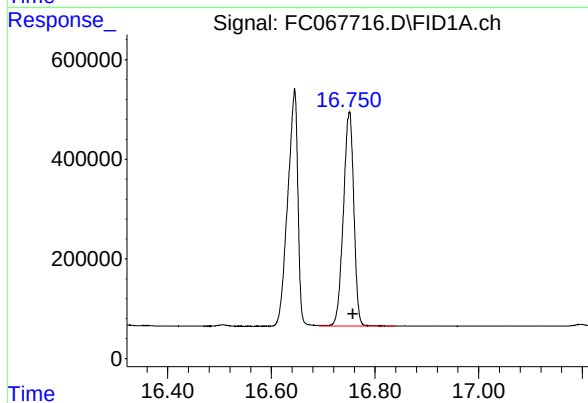
#14 n-Tetracosane (C24)

R.T.: 14.755 min
Delta R.T.: -0.035 min
Response: 12492008
Conc: 103.06 ug/ml m



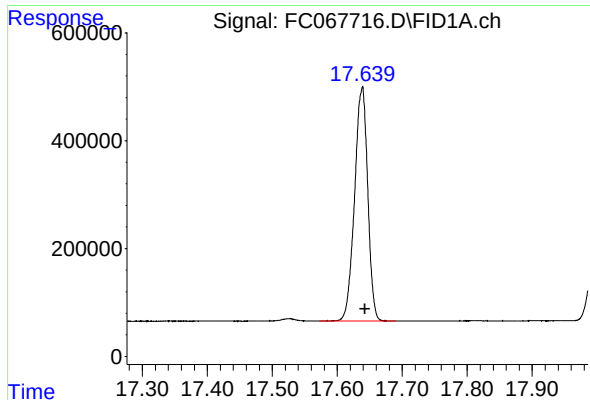
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.005 min
Response: 5989932
Conc: 50.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.750 min
Delta R.T.: -0.008 min
Response: 6023883
Conc: 51.20 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.638 min
Delta R.T.: -0.005 min
Response: 6099270
Conc: 50.46 ug/ml

Instrument :

FID_C

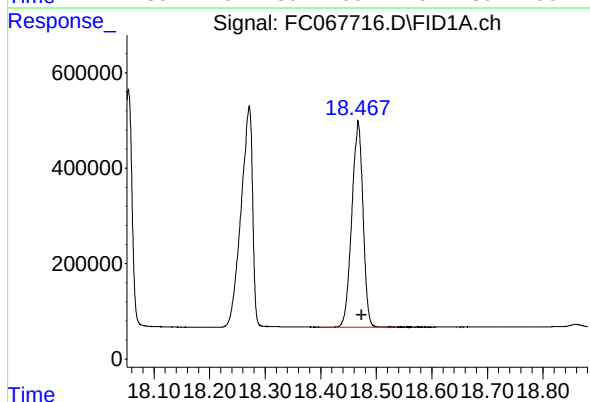
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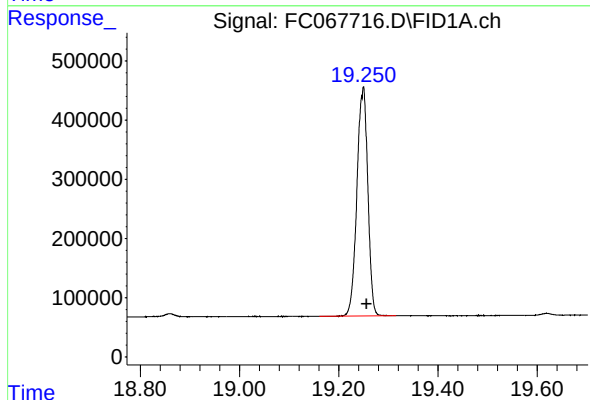
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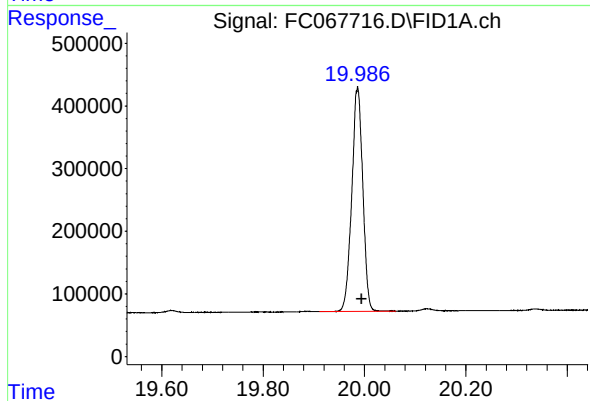
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: -0.007 min
Response: 6023783
Conc: 50.91 ug/ml



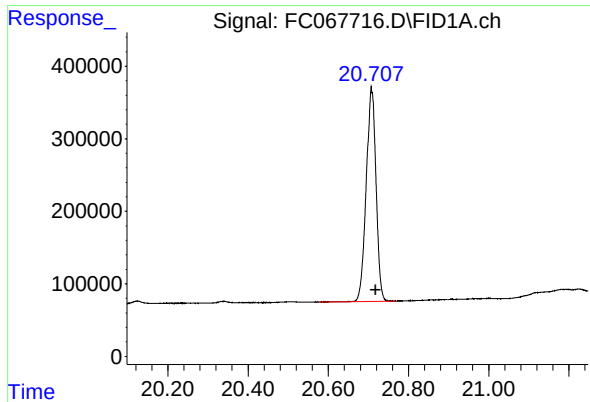
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min
Delta R.T.: -0.007 min
Response: 5893099
Conc: 56.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.986 min
Delta R.T.: -0.008 min
Response: 5383100
Conc: 59.14 ug/ml



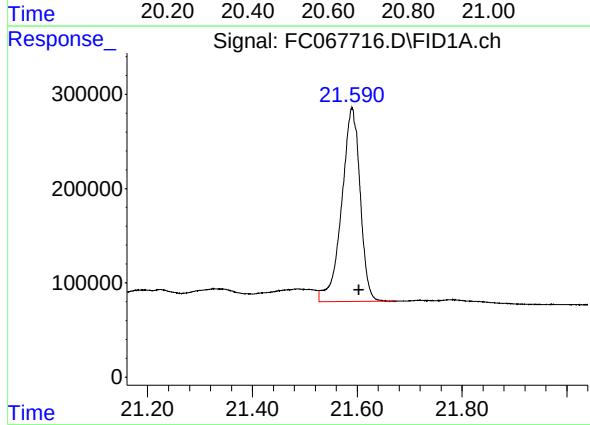
#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: -0.010 min
Response: 4990874
Conc: 57.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.014 min
Response: 5035890
Conc: 59.24 ug/ml