

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100724AL\
 Data File : FC067378.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2024 17:06
 Operator : YP/AJ
 Sample : P4321-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

IB-6MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/08/2024

Supervised By :Ankita Jodhani 10/08/2024

Integration File: autoint1.e

Quant Time: Oct 08 02:48:09 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	3408361	22.399 ug/ml
Spiked Amount 50.000		Recovery =	44.80%
12) S 1-chlorooctadecane (S...	12.943	2701527	23.866 ug/ml
Spiked Amount 50.000		Recovery =	47.73%
Target Compounds			
1) T n-Nonane (C9)	3.279	3400615	26.827 ug/ml
2) T n-Decane (C10)	4.344	3785075	29.446 ug/ml
3) T A~Naphthalene (C11.7)	5.923	4603565	32.452 ug/ml
4) T n-Dodecane (C12)	6.360	4095167	31.559 ug/ml
5) T A~2-methylnaphthalene...	6.979	4536400	33.067 ug/ml
6) T n-Tetradecane (C14)	8.155	4579502	35.556 ug/ml
7) T n-Hexadecane (C16)	9.752	4822468	36.227 ug/ml
8) T n-Octadecane (C18)	11.193	4865504	35.881 ug/ml
10) T n-Eicosane (C20)	12.502	4984571	38.176 ug/ml
11) T n-Heneicosane (C21)	13.112	4802616	37.445 ug/ml
13) T n-Docosane (C22)	13.698	4812264	37.688 ug/ml
14) T n-Tetracosane (C24)	14.771	10096362	78.944 ug/mlm
15) T n-Hexacosane (C26)	15.822	4626848	36.696 ug/ml
16) T n-Octacosane (C28)	16.770	4871396	38.776 ug/ml
17) T n-Tricontane (C30)	17.659	5076618	39.407 ug/ml
18) T n-Dotriacontane (C32)	18.490	4569963	36.581 ug/mlm
19) T n-Tetratriacontane (C34)	19.273	4784539	43.783 ug/mlm
20) T n-Hexatriacontane (C36)	20.010	4493854	47.545 ug/mlm
21) T n-Octatriacontane (C38)	20.739	4769011	54.379 ug/mlm
22) T n-Tetracontane (C40)	21.631	4668756	54.258 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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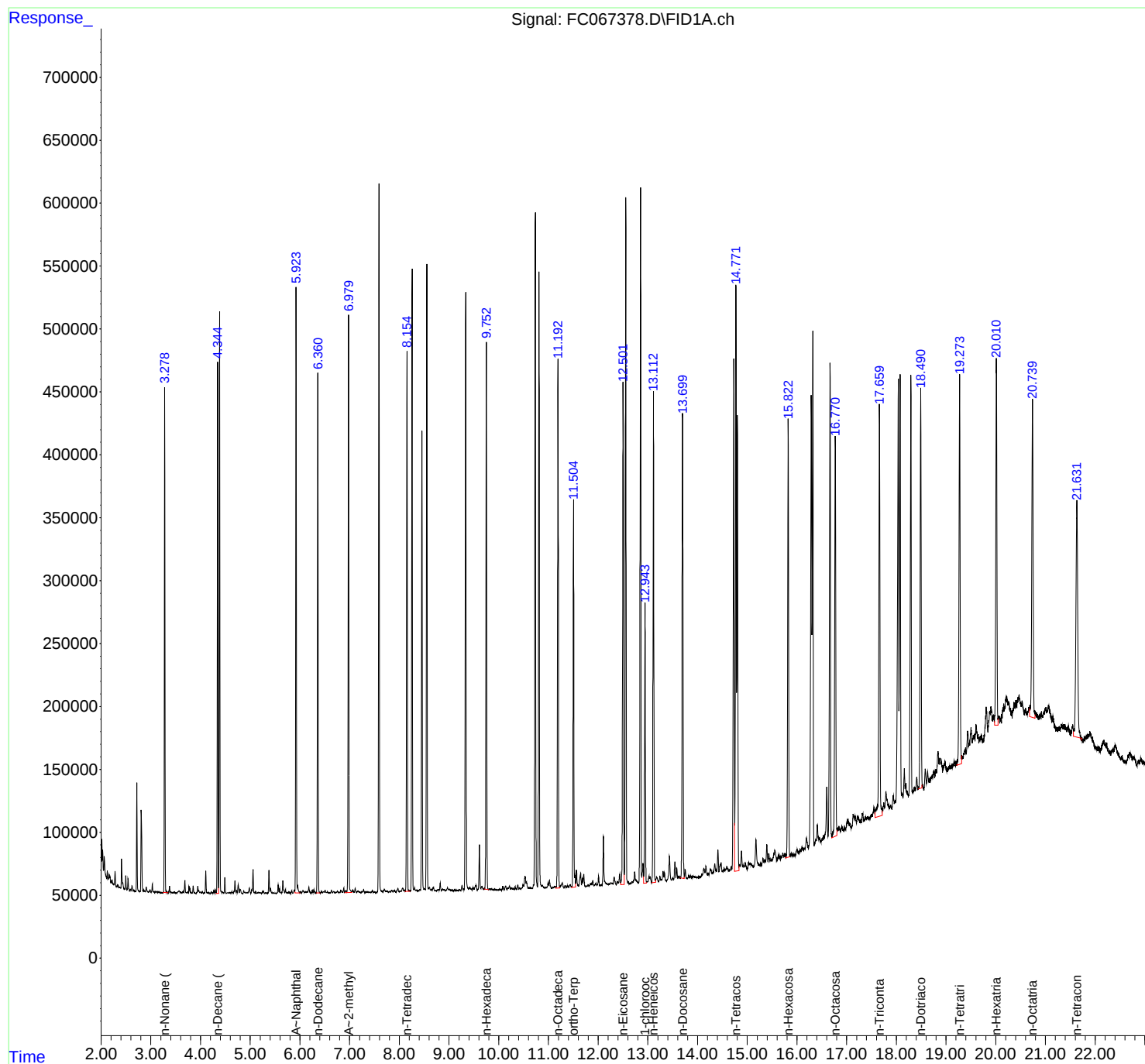
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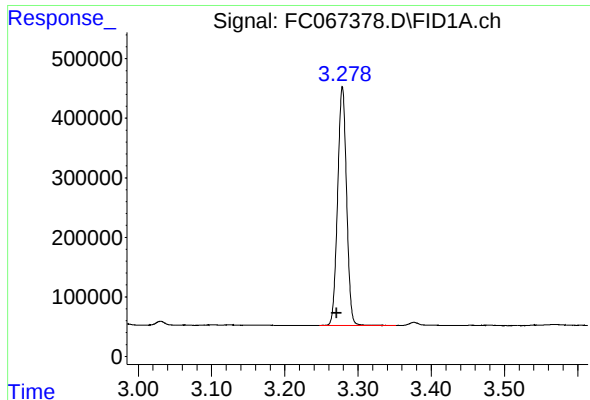
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.008 min
Response: 3400615
Conc: 26.83 ug/ml

Instrument :

FID_C

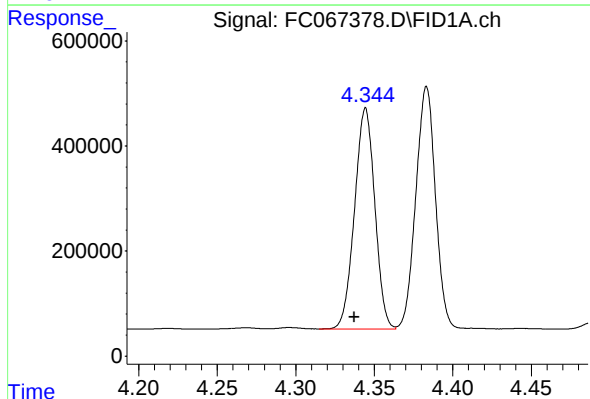
ClientSampleId :

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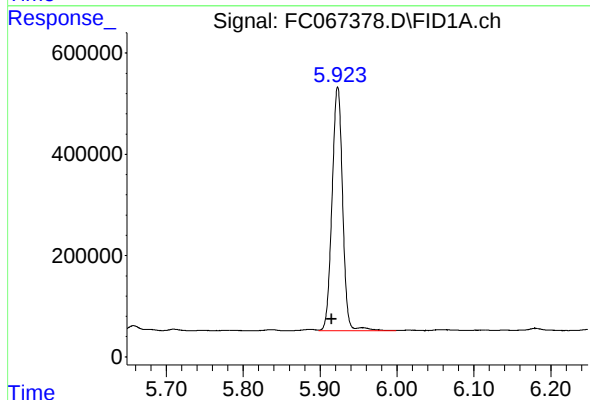
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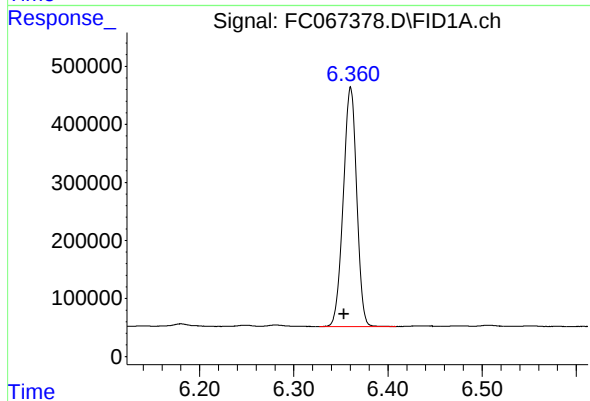
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: 0.007 min
Response: 3785075
Conc: 29.45 ug/ml



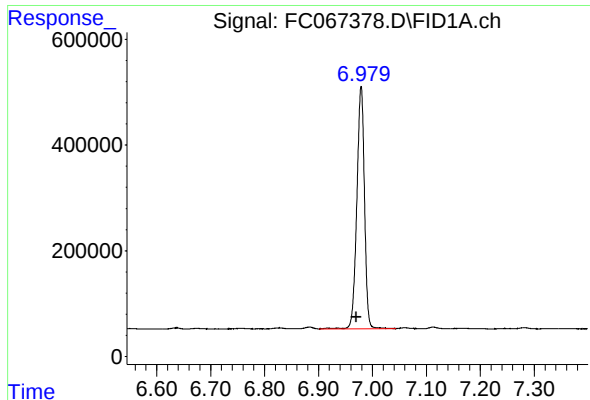
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.008 min
Response: 4603565
Conc: 32.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.007 min
Response: 4095167
Conc: 31.56 ug/ml



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

R.T.: 6.979 min
Delta R.T.: 0.009 min
Response: 4536400
Conc: 33.07 ug/ml

Instrument :

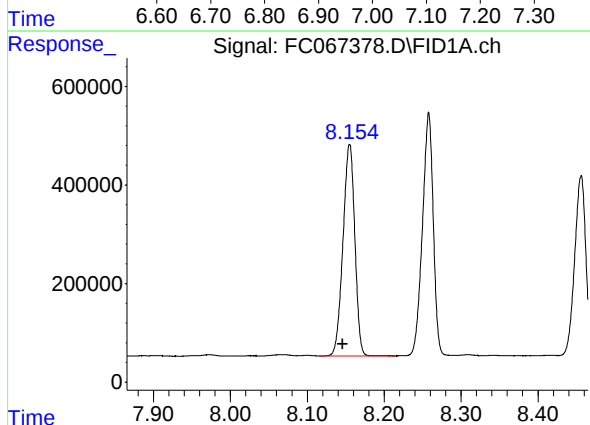
FID_C

ClientSampleId :

IB-6MSD

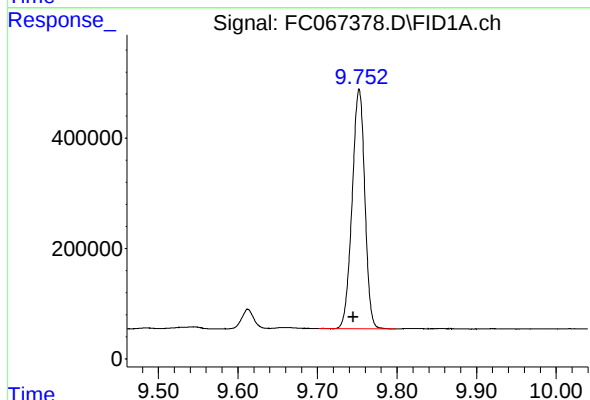
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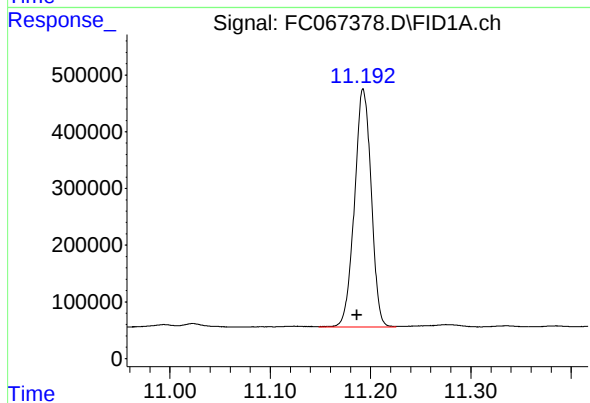
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.009 min
Response: 4579502
Conc: 35.56 ug/ml



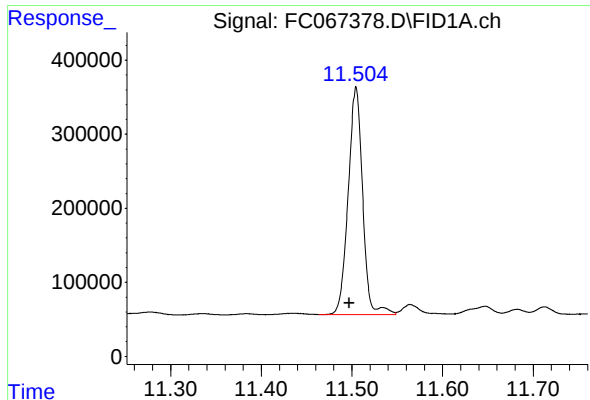
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.007 min
Response: 4822468
Conc: 36.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.007 min
Response: 4865504
Conc: 35.88 ug/ml



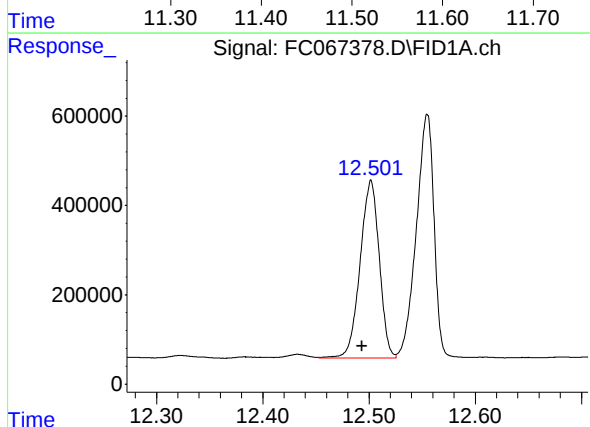
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.007 min
Response: 3408361
Conc: 22.40 ug/ml

Instrument :
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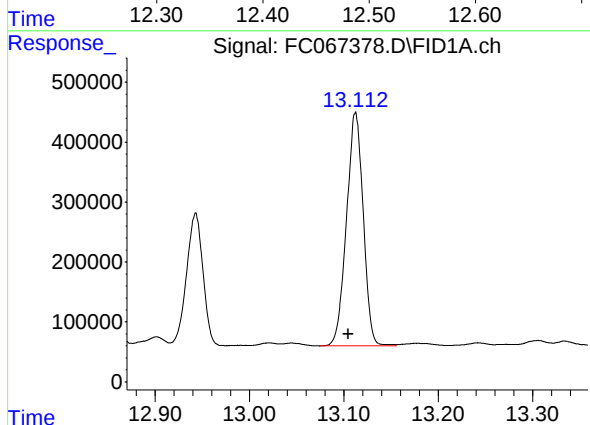
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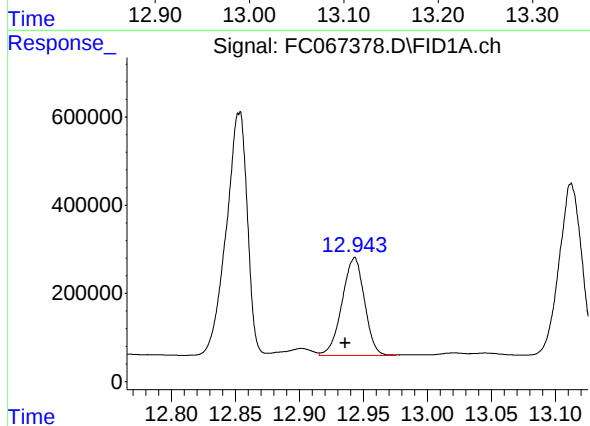
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.008 min
Response: 4984571
Conc: 38.18 ug/ml



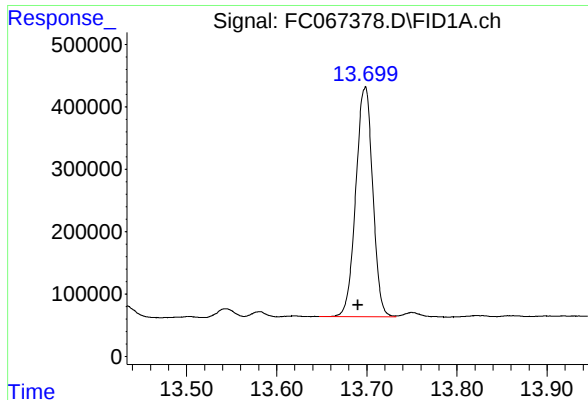
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.008 min
Response: 4802616
Conc: 37.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: 0.007 min
Response: 2701527
Conc: 23.87 ug/ml



#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: 0.007 min
Response: 4812264
Conc: 37.69 ug/ml

Instrument :

FID_C

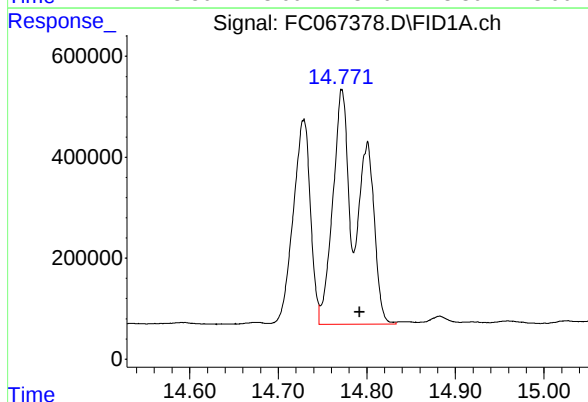
ClientSampleId :

IB-6MSD

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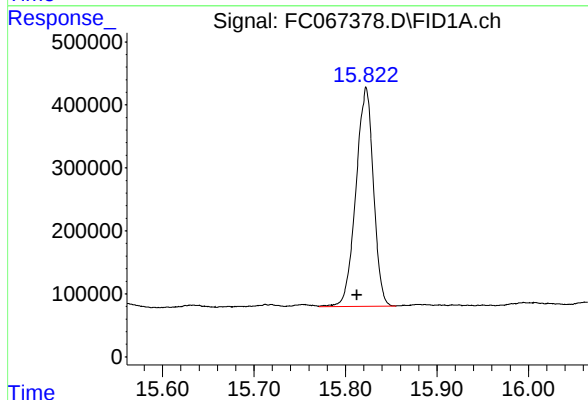
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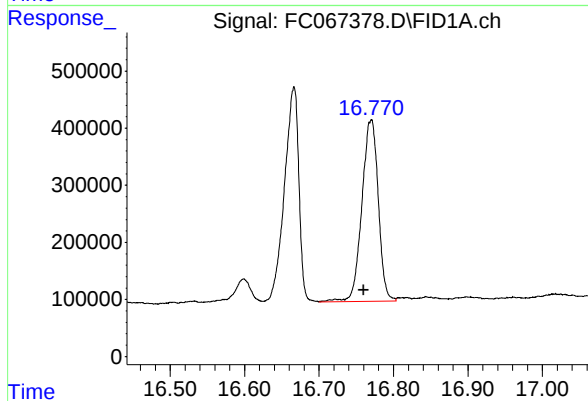
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: -0.021 min
Response: 10096362
Conc: 78.94 ug/ml m



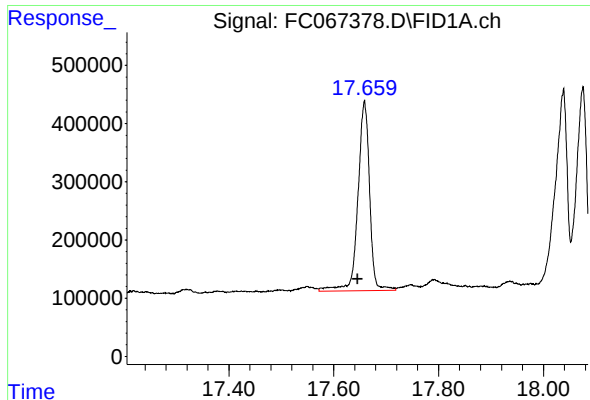
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.010 min
Response: 4626848
Conc: 36.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.770 min
Delta R.T.: 0.010 min
Response: 4871396
Conc: 38.78 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: 0.012 min
Response: 5076618
Conc: 39.41 ug/ml

Instrument :

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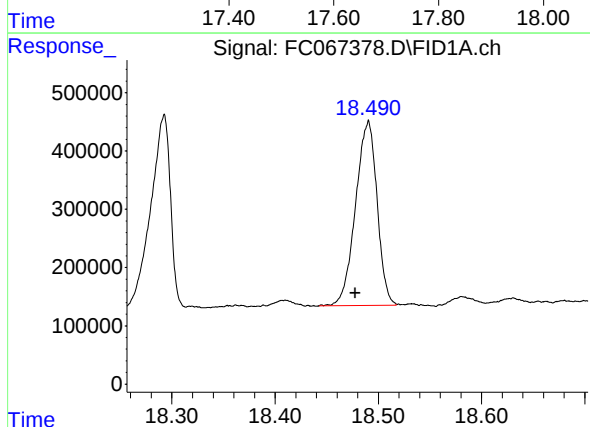
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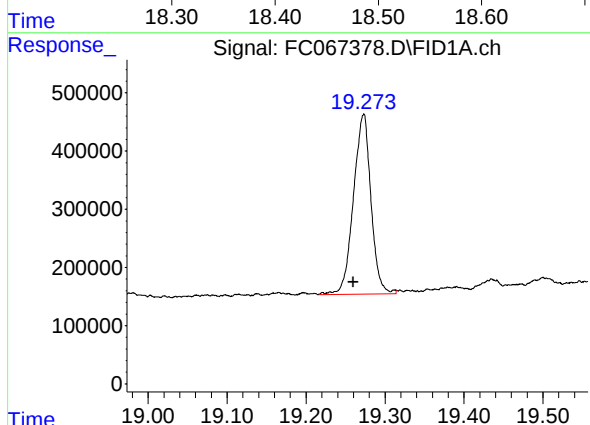
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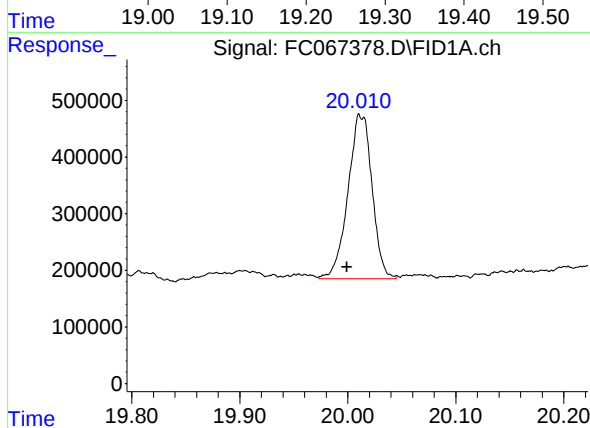
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: 0.013 min
Response: 4569963
Conc: 36.58 ug/ml m



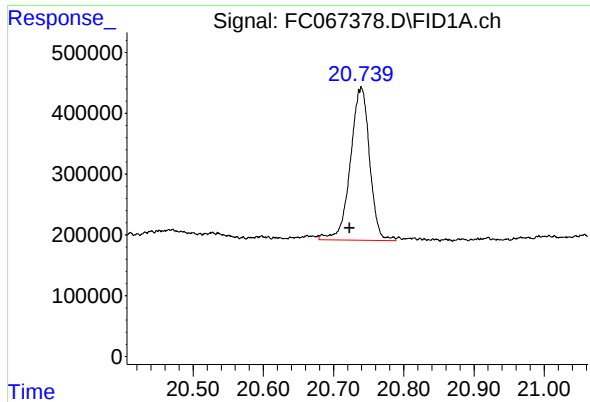
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: 0.013 min
Response: 4784539
Conc: 43.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: 0.011 min
Response: 4493854
Conc: 47.55 ug/ml m



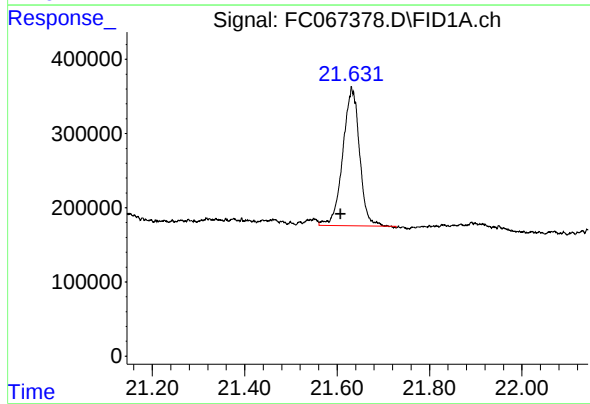
#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: 0.016 min
Response: 4769011
Conc: 54.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.631 min
Delta R.T.: 0.023 min
Response: 4668756
Conc: 54.26 ug/ml m