

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100724AL\
 Data File : FC067377.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2024 16:28
 Operator : YP/AJ
 Sample : P4321-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

IB-6MS

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 02:48:00 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)	11.503	3488498	22.926 ug/ml
Spiked Amount 50.000		Recovery =	45.85%
12) S 1-chlorooctadecane (S...	12.941	2757777	24.363 ug/ml
Spiked Amount 50.000		Recovery =	48.73%
Target Compounds			
1) T n-Nonane (C9)	3.278	3380187	26.666 ug/ml
2) T n-Decane (C10)	4.344	3756018	29.220 ug/ml
3) T A~Naphthalene (C11.7)	5.922	4617992	32.554 ug/ml
4) T n-Dodecane (C12)	6.360	4082970	31.465 ug/ml
5) T A~2-methylnaphthalene...	6.978	4488665	32.719 ug/ml
6) T n-Tetradecane (C14)	8.154	4578957	35.552 ug/ml
7) T n-Hexadecane (C16)	9.752	4839532	36.355 ug/ml
8) T n-Octadecane (C18)	11.193	4884933	36.024 ug/ml
10) T n-Eicosane (C20)	12.500	4987920	38.201 ug/ml
11) T n-Heneicosane (C21)	13.111	4805039	37.464 ug/ml
13) T n-Docosane (C22)	13.697	4876346	38.190 ug/ml
14) T n-Tetracosane (C24)	14.771	10063981	78.691 ug/mlm
15) T n-Hexacosane (C26)	15.820	4623533	36.670 ug/ml
16) T n-Octacosane (C28)	16.768	5080609	40.441 ug/ml
17) T n-Tricontane (C30)	17.656	4610137	35.786 ug/mlm
18) T n-Dotriacontane (C32)	18.487	4681930	37.477 ug/mlm
19) T n-Tetratriacontane (C34)	19.273	4784631	43.784 ug/mlm
20) T n-Hexatriacontane (C36)	20.010	4592285	48.587 ug/mlm
21) T n-Octatriacontane (C38)	20.736	4704372	53.642 ug/mlm
22) T n-Tetracontane (C40)	21.627	4671213	54.286 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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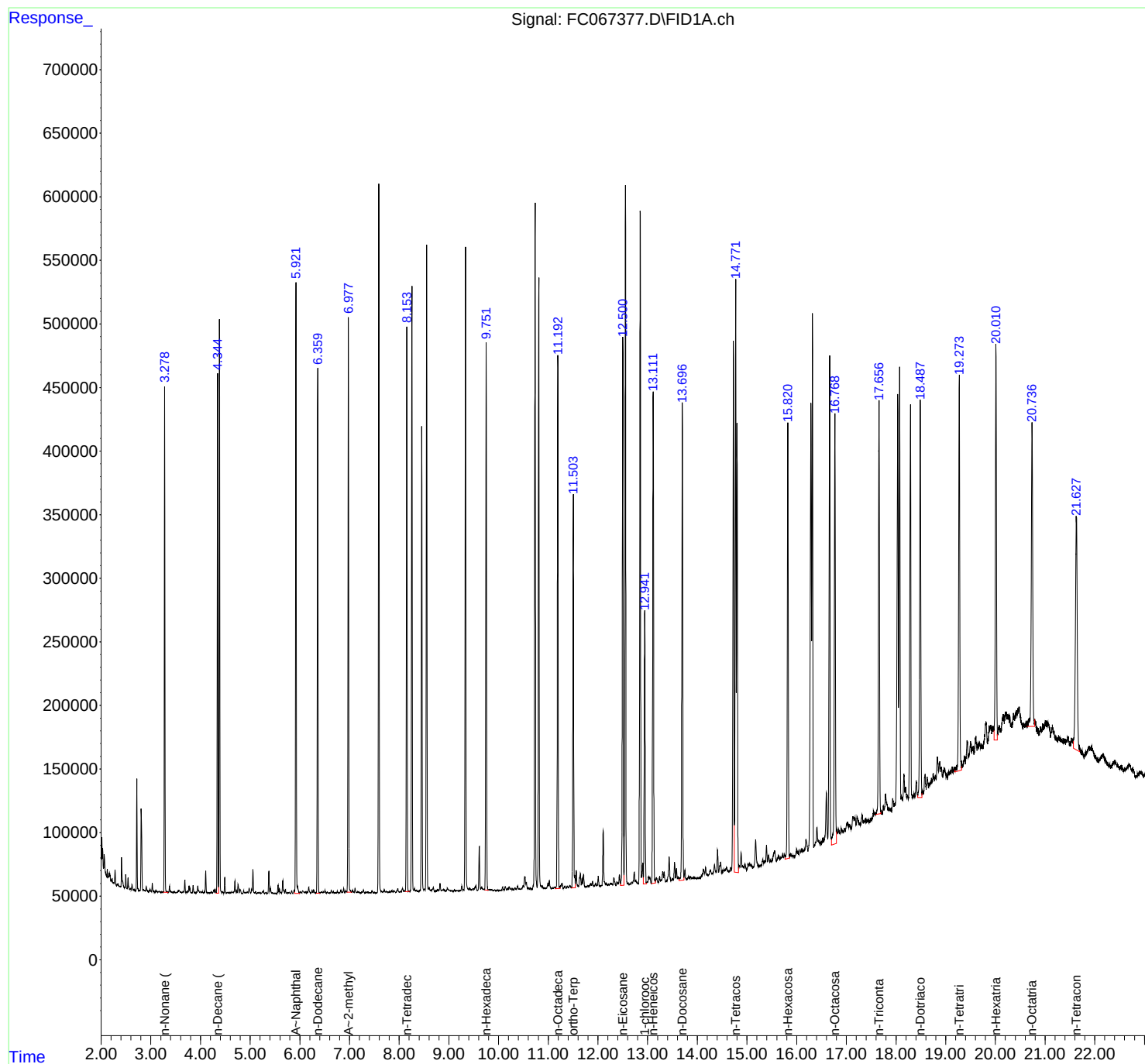
Instrument :
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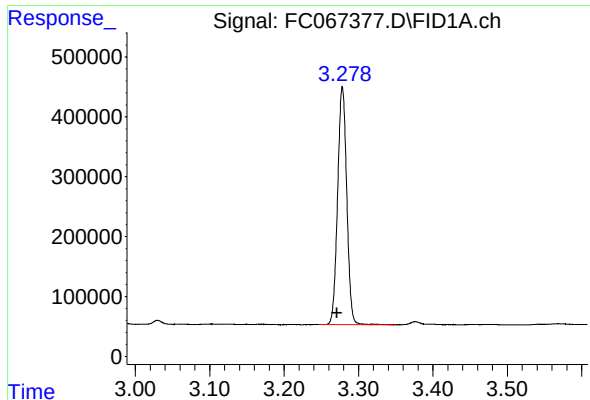
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.007 min
Response: 3380187
Conc: 26.67 ug/ml

Instrument :

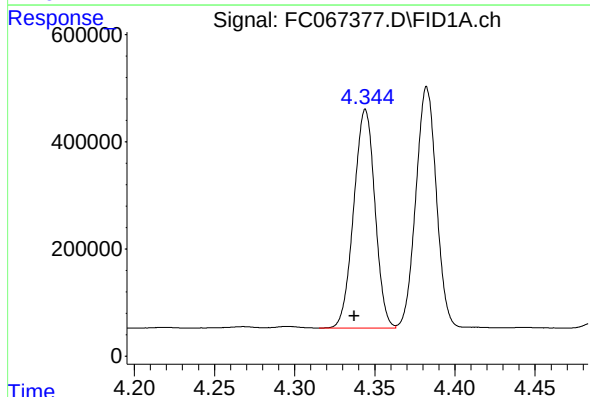
FID_C

ClientSampleId :

IB-6MS

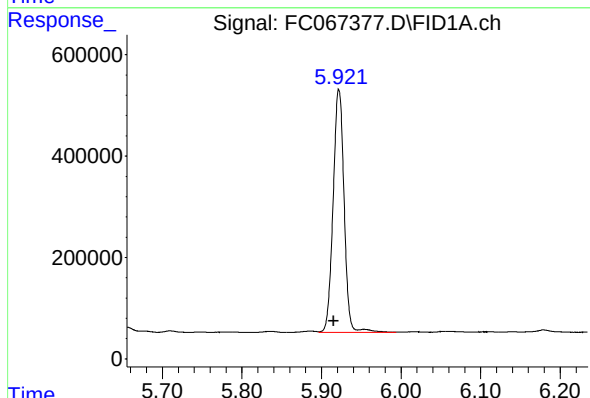
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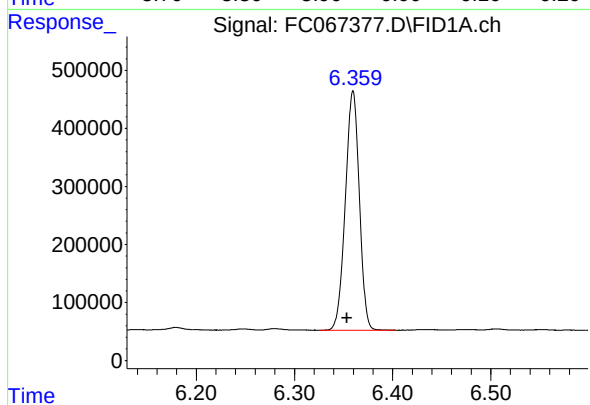
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: 0.007 min
Response: 3756018
Conc: 29.22 ug/ml



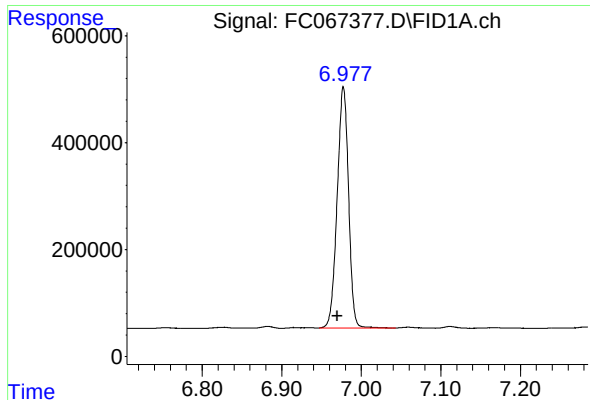
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.007 min
Response: 4617992
Conc: 32.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.006 min
Response: 4082970
Conc: 31.47 ug/ml



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

R.T.: 6.978 min
Delta R.T.: 0.008 min
Response: 4488665
Conc: 32.72 ug/ml

Instrument :

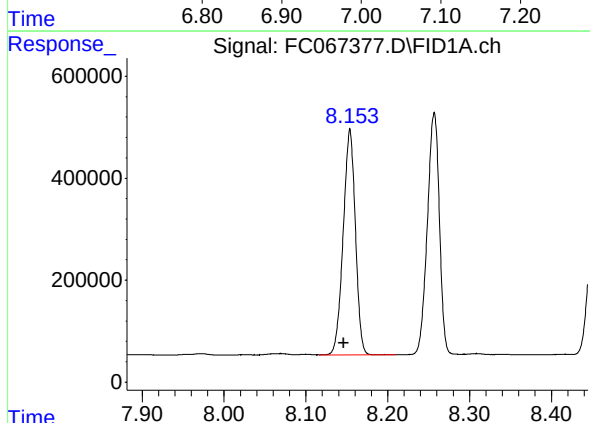
FID_C

ClientSampleId :

IB-6MS

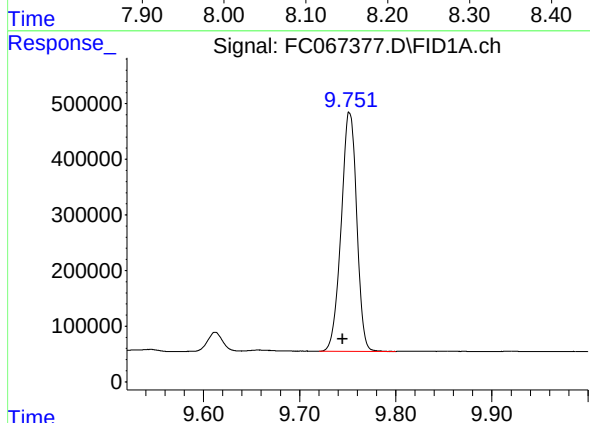
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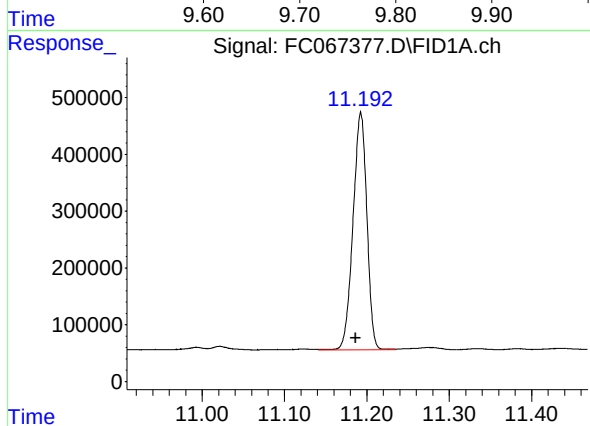
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.007 min
Response: 4578957
Conc: 35.55 ug/ml



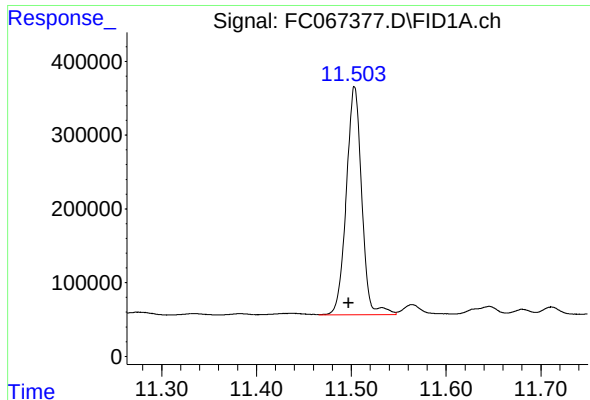
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.007 min
Response: 4839532
Conc: 36.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.006 min
Response: 4884933
Conc: 36.02 ug/ml



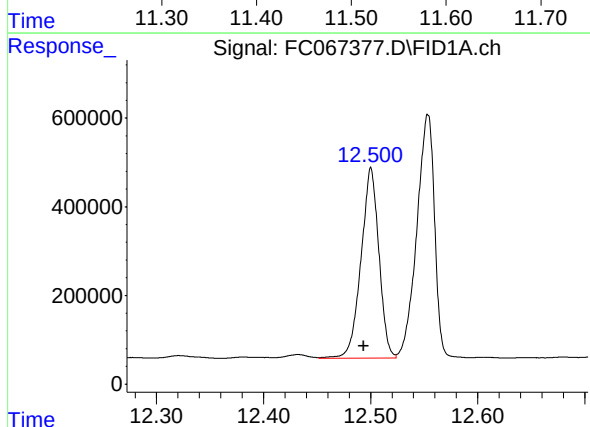
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: 0.006 min
Response: 3488498
Conc: 22.93 ug/ml

Instrument :
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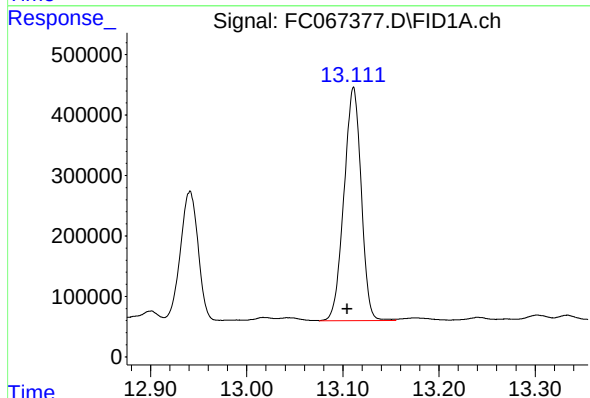
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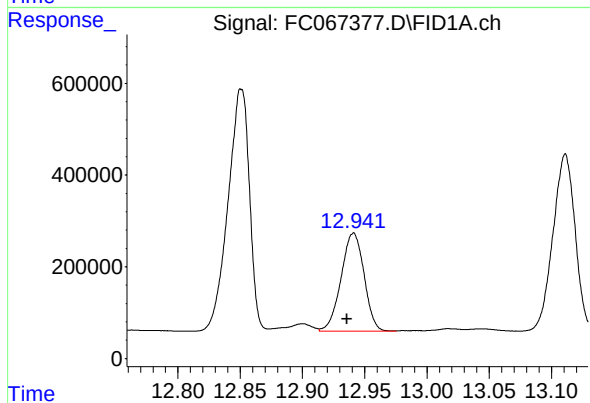
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.007 min
Response: 4987920
Conc: 38.20 ug/ml



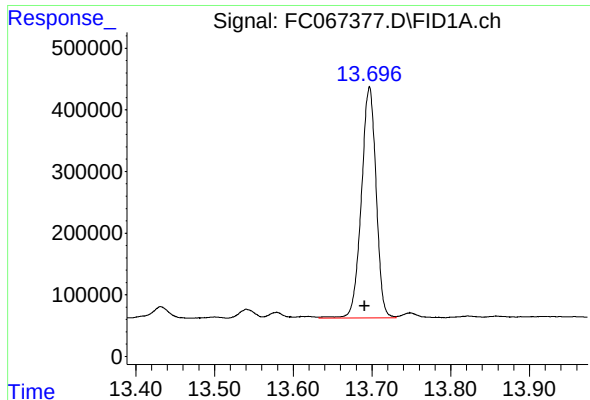
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.006 min
Response: 4805039
Conc: 37.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.005 min
Response: 2757777
Conc: 24.36 ug/ml



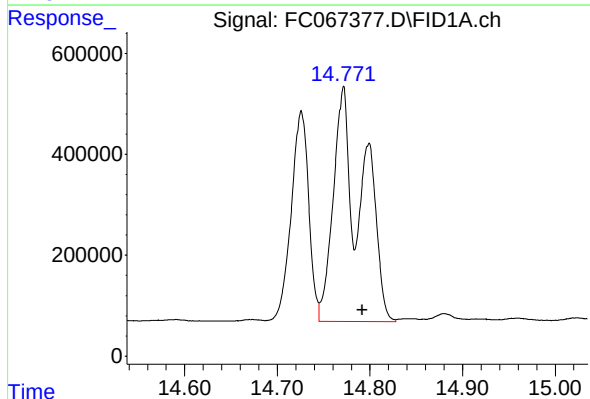
#13 n-Docosane (C22)

R.T.: 13.697 min
Delta R.T.: 0.006 min
Response: 4876346
Conc: 38.19 ug/ml

Instrument :
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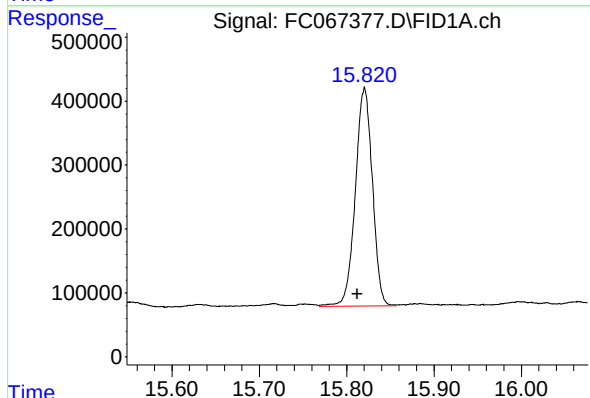
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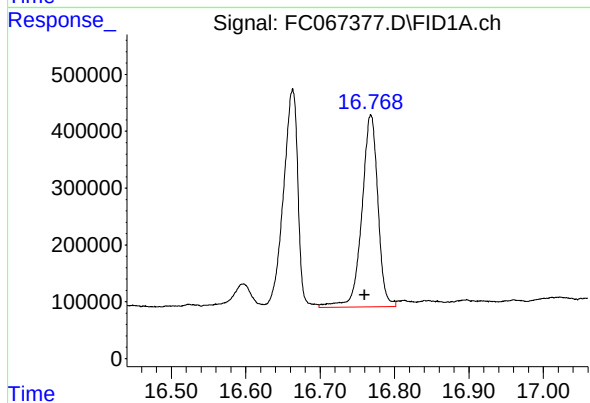
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: -0.021 min
Response: 10063981
Conc: 78.69 ug/ml m



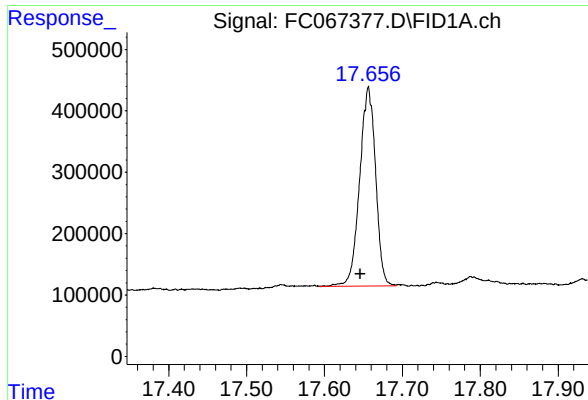
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.008 min
Response: 4623533
Conc: 36.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.768 min
Delta R.T.: 0.008 min
Response: 5080609
Conc: 40.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.010 min
Response: 4610137
Conc: 35.79 ug/ml

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FID_C

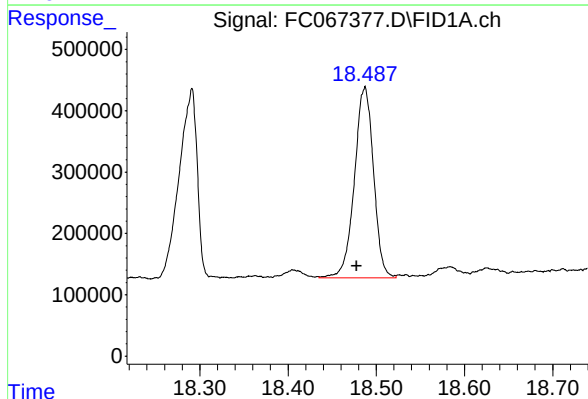
ClientSampleId :

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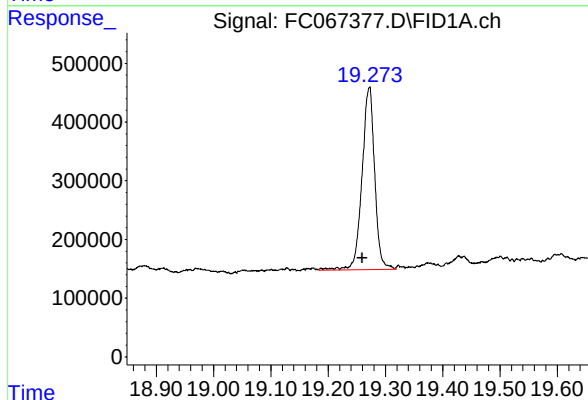
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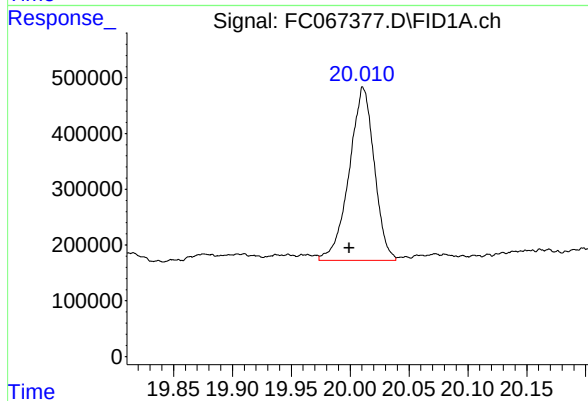
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: 0.009 min
Response: 4681930
Conc: 37.48 ug/ml m



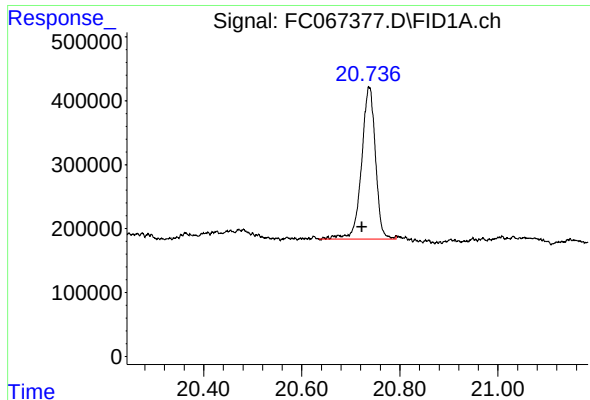
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: 0.013 min
Response: 4784631
Conc: 43.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: 0.011 min
Response: 4592285
Conc: 48.59 ug/ml m



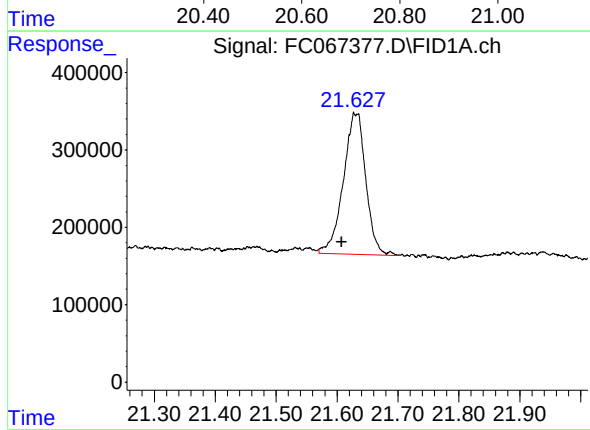
#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: 0.013 min
Response: 4704372
Conc: 53.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: 0.019 min
Response: 4671213
Conc: 54.29 ug/ml m