

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F103124AL\
 Data File : FC067593.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 12:40
 Operator : YP/AJ
 Sample : PB164554BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164554BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Nov 01 01:50:32 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)	11.495	5324356	36.286 ug/ml
Spiked Amount 50.000		Recovery =	72.57%
12) S 1-chlorooctadecane (S...	12.932	4158273	38.507 ug/ml
Spiked Amount 50.000		Recovery =	77.01%
Target Compounds			
1) T n-Nonane (C9)	3.282	4734852	35.146 ug/ml
2) T n-Decane (C10)	4.343	4933779	36.212 ug/ml
3) T A~Naphthalene (C11.7)	5.917	5392155	36.387 ug/ml
4) T n-Dodecane (C12)	6.354	5006968	36.967 ug/ml
5) T A~2-methylnaphthalene...	6.971	4937651	34.964 ug/ml
6) T n-Tetradecane (C14)	8.147	4930345	37.562 ug/ml
7) T n-Hexadecane (C16)	9.744	4863339	36.815 ug/ml
8) T n-Octadecane (C18)	11.183	4863273	36.811 ug/ml
10) T n-Eicosane (C20)	12.491	4896727	38.808 ug/ml
11) T n-Heneicosane (C21)	13.101	4698272	38.069 ug/ml
13) T n-Docosane (C22)	13.687	4657030	38.032 ug/ml
14) T n-Tetracosane (C24)	14.753	9350757	77.145 ug/mlm
15) T n-Hexacosane (C26)	15.808	4534393	38.086 ug/ml
16) T n-Octacosane (C28)	16.755	4525749	38.469 ug/ml
17) T n-Tricontane (C30)	17.642	4512829	37.336 ug/ml
18) T n-Dotriacontane (C32)	18.471	4455367	37.655 ug/ml
19) T n-Tetratriacontane (C34)	19.253	4474309	42.723 ug/ml
20) T n-Hexatriacontane (C36)	19.992	4331088	47.580 ug/ml
21) T n-Octatriacontane (C38)	20.714	4339915	50.113 ug/ml
22) T n-Tetracontane (C40)	21.598	4327302	50.903 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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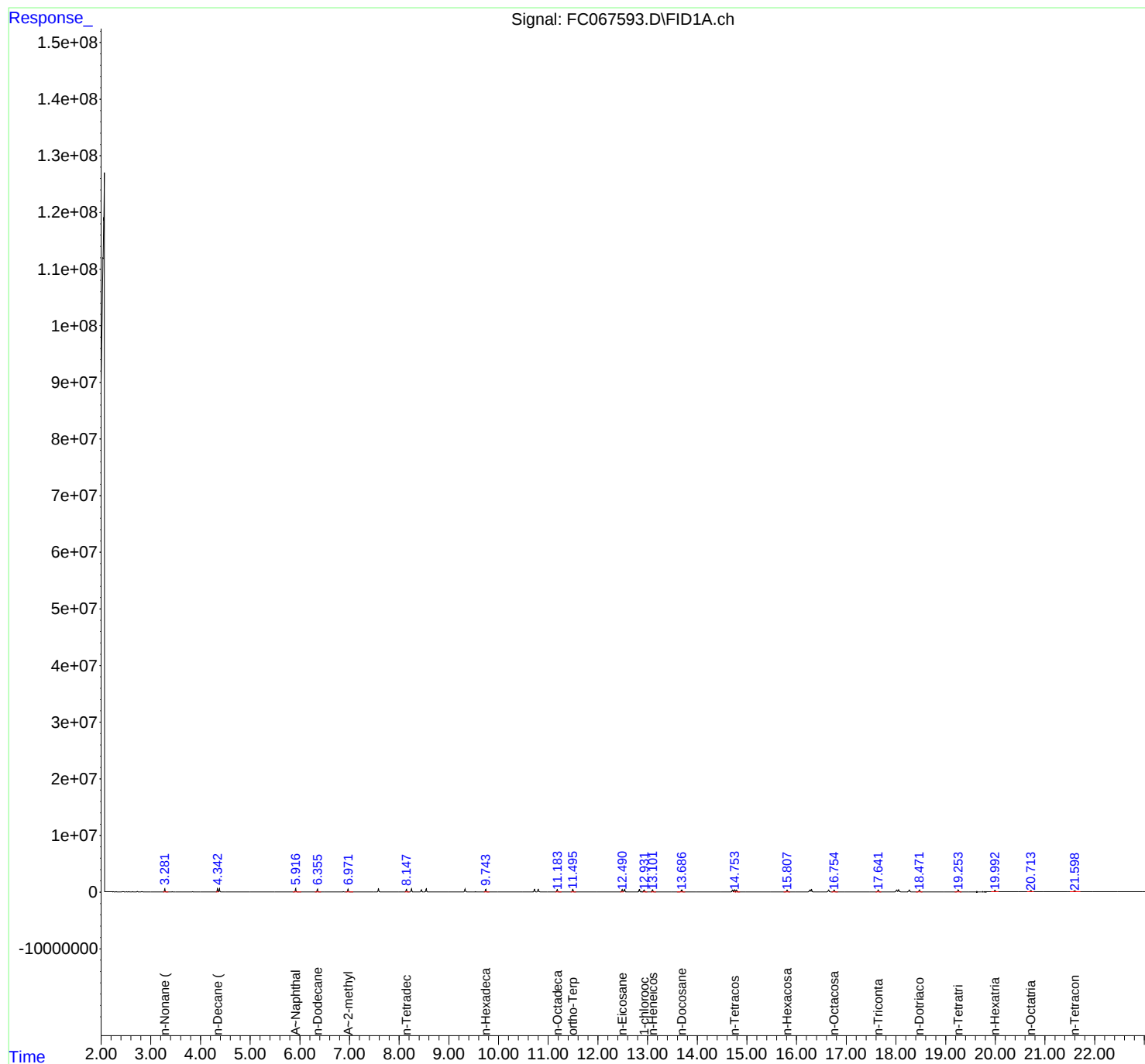
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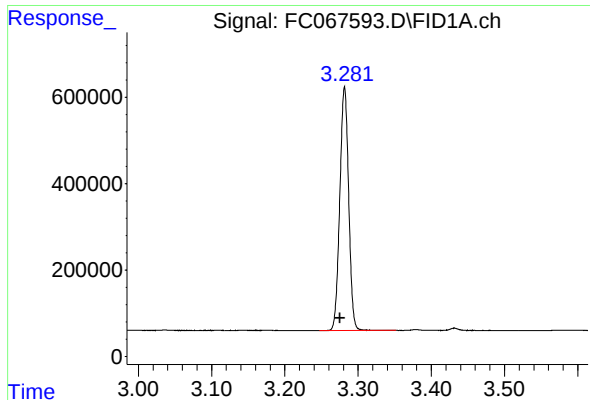
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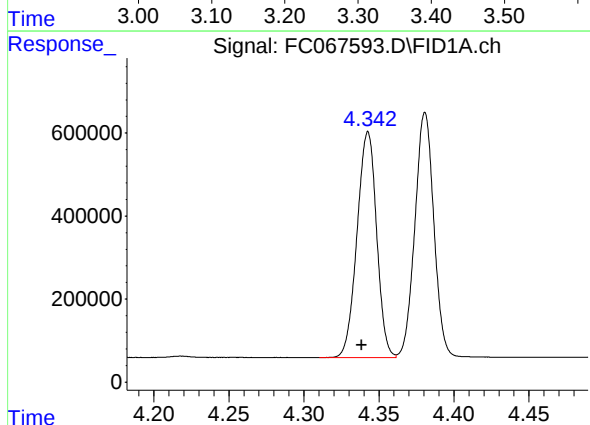
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: 0.007 min
Response: 4734852
Conc: 35.15 ug/ml

Instrument :
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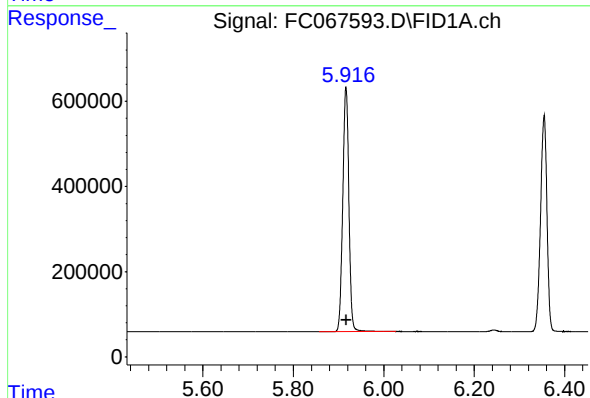
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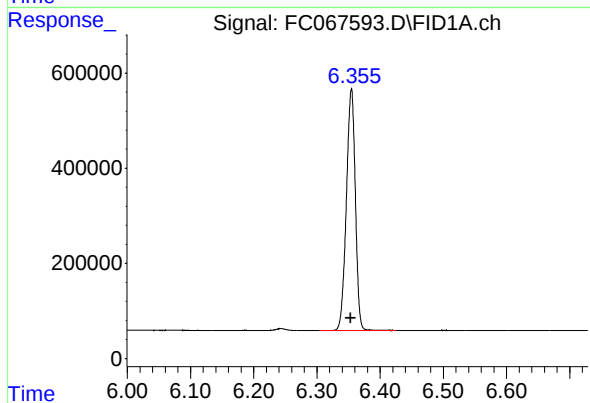
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.004 min
Response: 4933779
Conc: 36.21 ug/ml



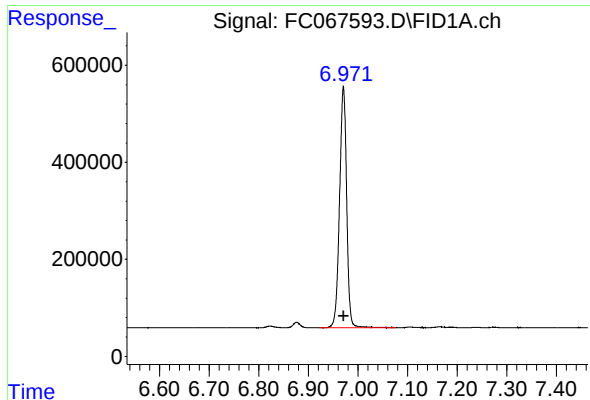
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 5392155
Conc: 36.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 5006968
Conc: 36.97 ug/ml



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

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 4937651
Conc: 34.96 ug/ml

Instrument :

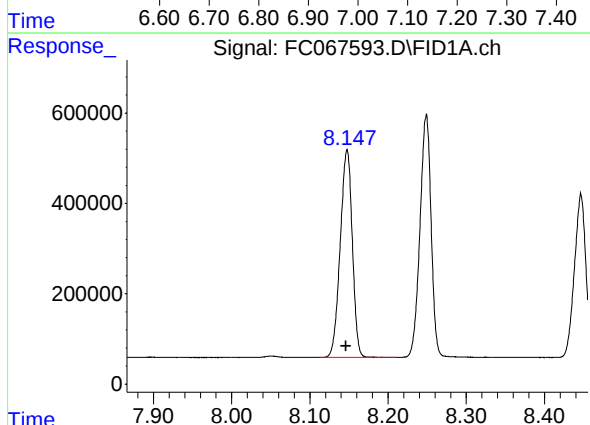
FID_C

ClientSampleId :

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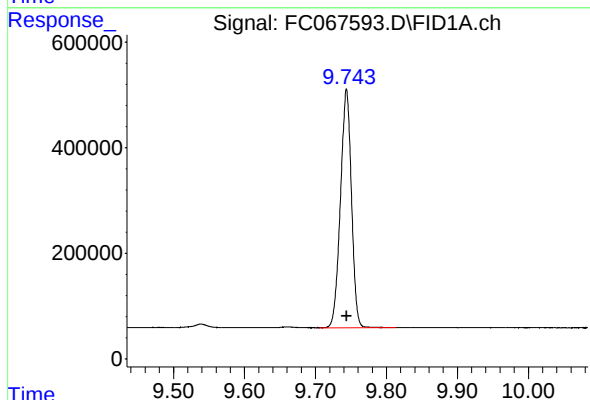
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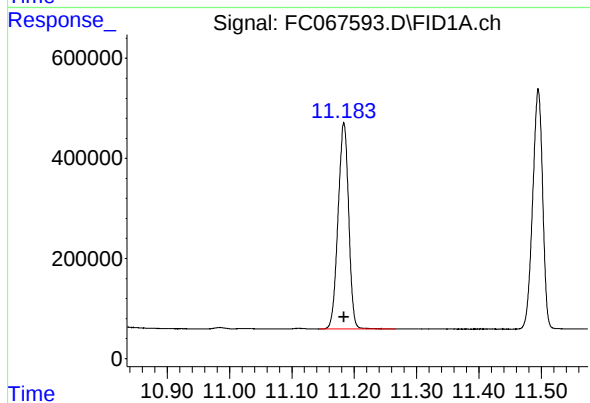
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: 0.001 min
Response: 4930345
Conc: 37.56 ug/ml



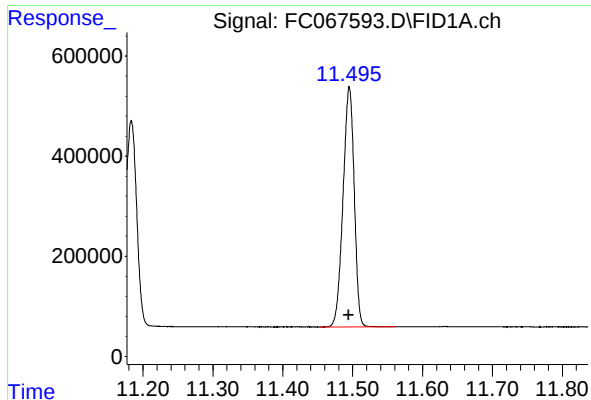
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 4863339
Conc: 36.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: 0.000 min
Response: 4863273
Conc: 36.81 ug/ml



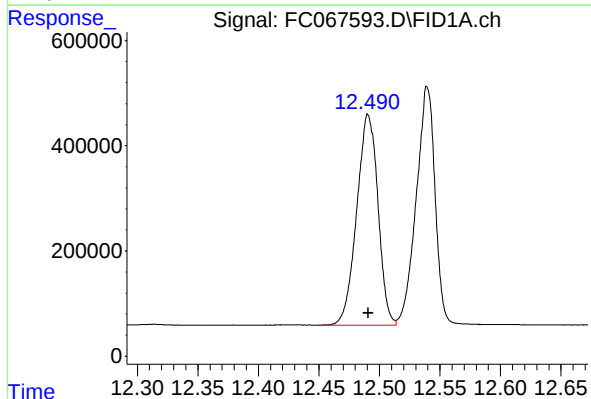
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.000 min
Response: 5324356
Conc: 36.29 ug/ml

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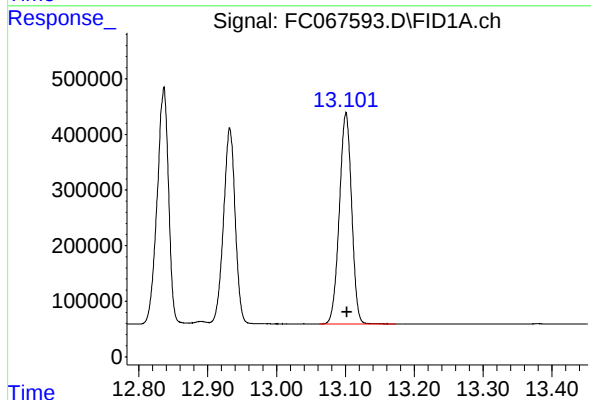
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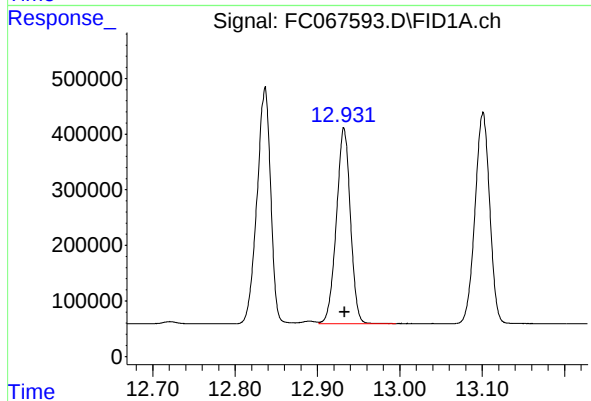
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 4896727
Conc: 38.81 ug/ml



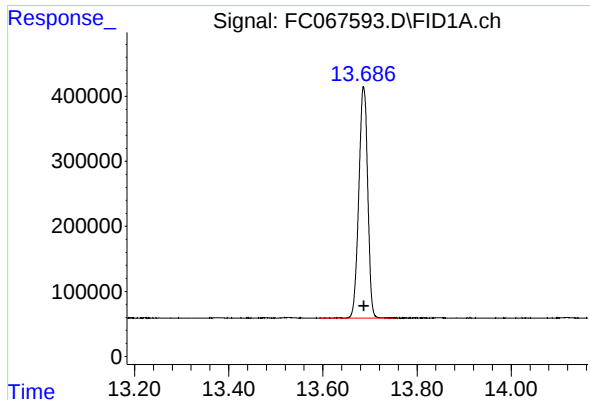
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: -0.001 min
Response: 4698272
Conc: 38.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: 0.000 min
Response: 4158273
Conc: 38.51 ug/ml



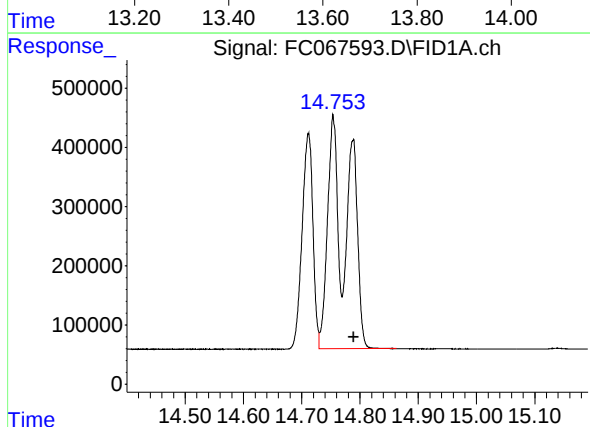
#13 n-Docosane (C22)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 4657030
Conc: 38.03 ug/ml

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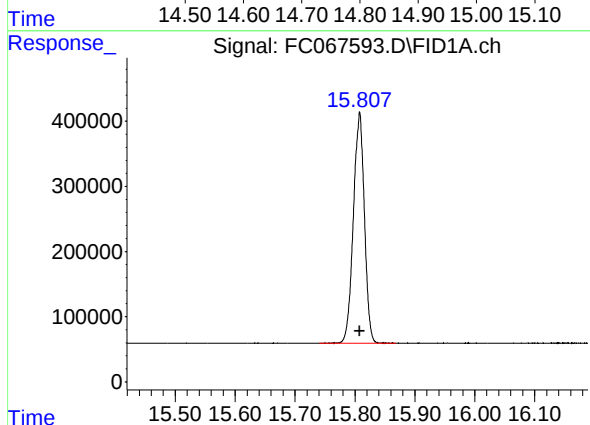
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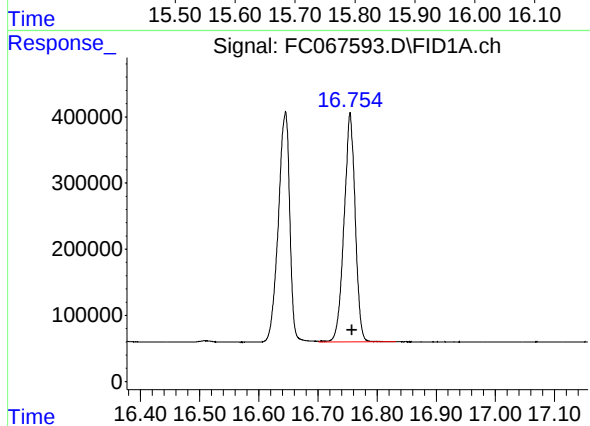
#14 n-Tetracosane (C24)

R.T.: 14.753 min
Delta R.T.: -0.036 min
Response: 9350757
Conc: 77.15 ug/ml m



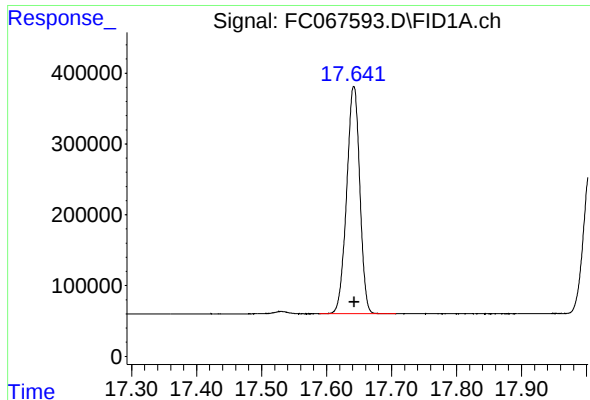
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: 0.000 min
Response: 4534393
Conc: 38.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.755 min
Delta R.T.: -0.003 min
Response: 4525749
Conc: 38.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: 0.000 min
Response: 4512829
Conc: 37.34 ug/ml

Instrument :

FID_C

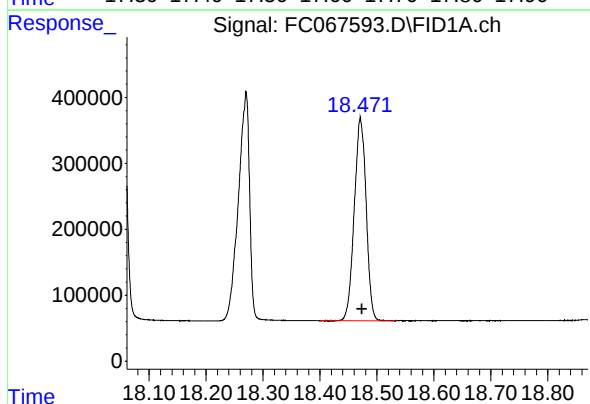
ClientSampleId :

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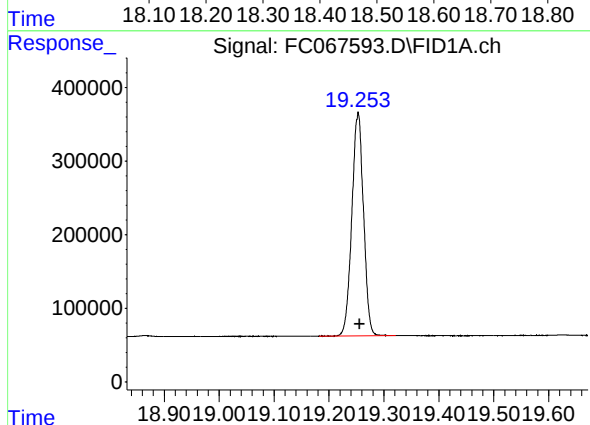
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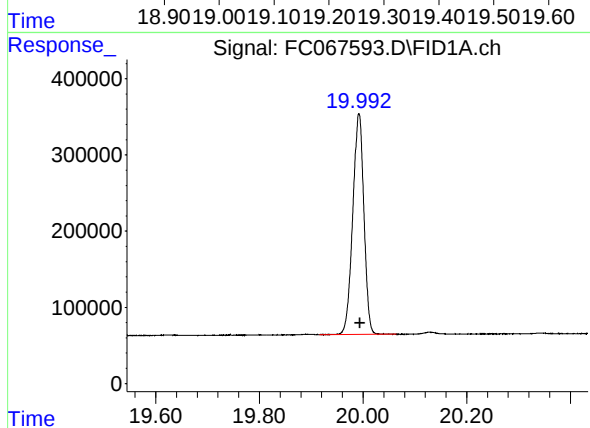
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.003 min
Response: 4455367
Conc: 37.66 ug/ml



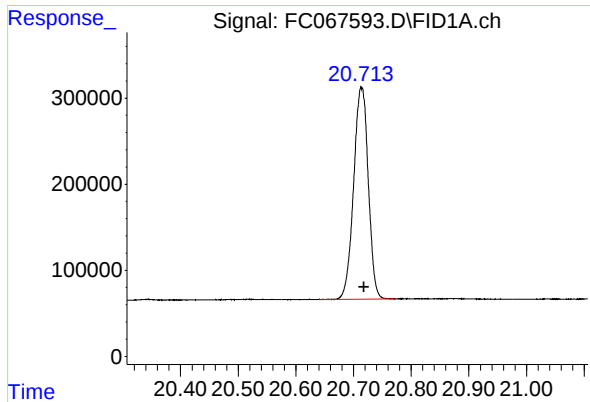
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.003 min
Response: 4474309
Conc: 42.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: -0.002 min
Response: 4331088
Conc: 47.58 ug/ml



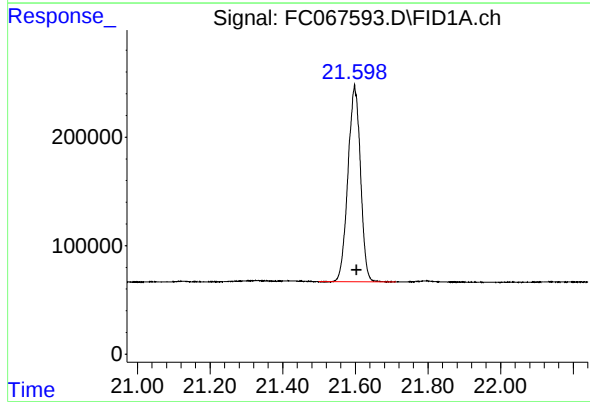
#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.004 min
Response: 4339915
Conc: 50.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: -0.005 min
Response: 4327302
Conc: 50.90 ug/ml