

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110724AL\
 Data File : FC067658.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2024 16:38
 Operator : YP/AJ
 Sample : PB164751BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB164751BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :Ankita Jodhani 11/08/2024

Integration File: autoint1.e

Quant Time: Nov 08 01:06:34 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)	11.494	5102855	34.777 ug/ml
Spiked Amount 50.000		Recovery =	69.55%
12) S 1-chlorooctadecane (S...	12.931	3829694	35.464 ug/ml
Spiked Amount 50.000		Recovery =	70.93%
Target Compounds			
1) T n-Nonane (C9)	3.279	4215635	31.292 ug/ml
2) T n-Decane (C10)	4.340	4481825	32.895 ug/ml
3) T A~Naphthalene (C11.7)	5.914	5114029	34.510 ug/ml
4) T n-Dodecane (C12)	6.352	4750277	35.072 ug/ml
5) T A~2-methylnaphthalene...	6.969	4818888	34.123 ug/ml
6) T n-Tetradecane (C14)	8.145	4905414	37.372 ug/ml
7) T n-Hexadecane (C16)	9.742	4901794	37.106 ug/ml
8) T n-Octadecane (C18)	11.183	4897714	37.072 ug/ml
10) T n-Eicosane (C20)	12.490	4900440	38.838 ug/ml
11) T n-Heneicosane (C21)	13.100	4704717	38.121 ug/ml
13) T n-Docosane (C22)	13.685	4654392	38.011 ug/ml
14) T n-Tetracosane (C24)	14.756	9281659	76.575 ug/mlm
15) T n-Hexacosane (C26)	15.807	4509524	37.877 ug/ml
16) T n-Octacosane (C28)	16.754	4503733	38.282 ug/ml
17) T n-Tricontane (C30)	17.642	4502136	37.247 ug/ml
18) T n-Dotriacontane (C32)	18.472	4451418	37.622 ug/ml
19) T n-Tetratriacontane (C34)	19.253	4490201	42.875 ug/ml
20) T n-Hexatriacontane (C36)	19.993	4348288	47.769 ug/ml
21) T n-Octatriacontane (C38)	20.714	4384931	50.633 ug/ml
22) T n-Tetracontane (C40)	21.599	4340733	51.061 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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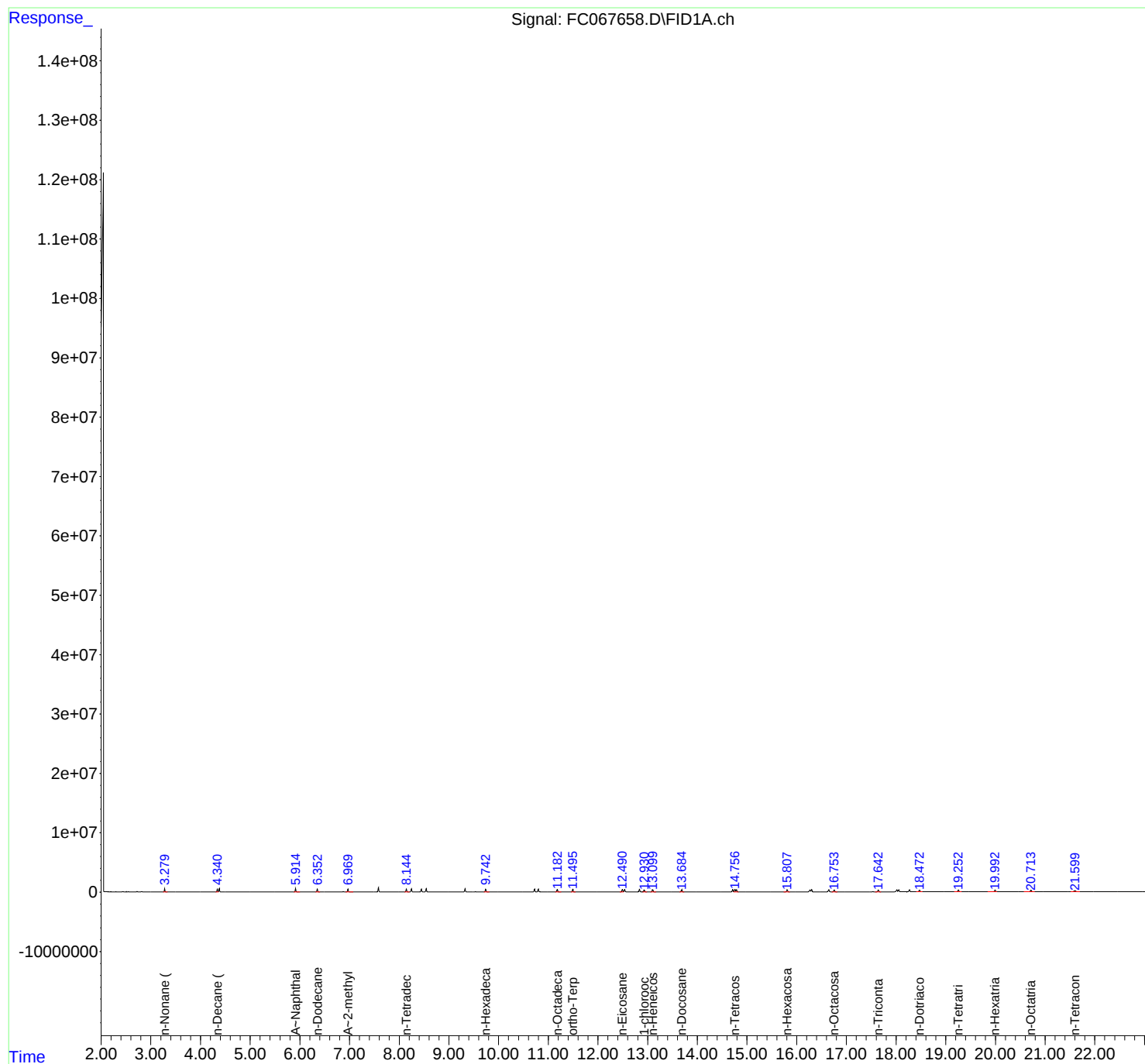
Response via : Initial Calibration

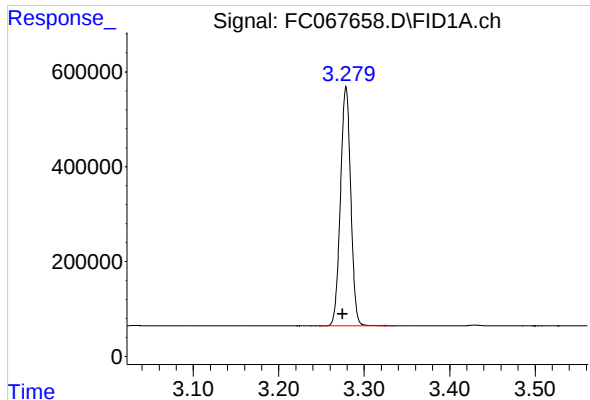
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





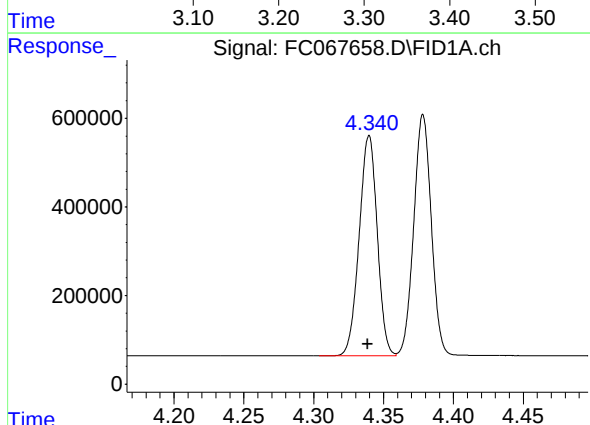
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.004 min
Response: 4215635
Conc: 31.29 ug/ml

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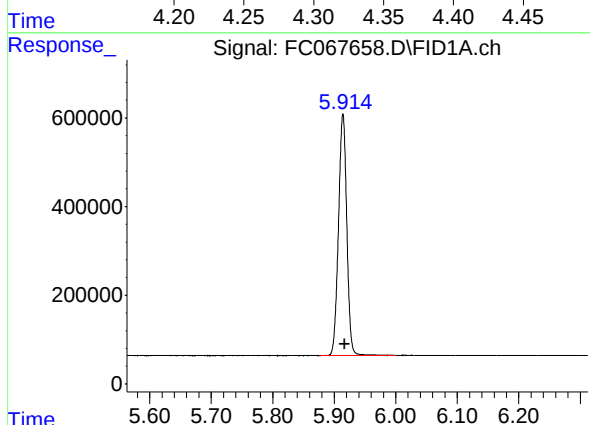
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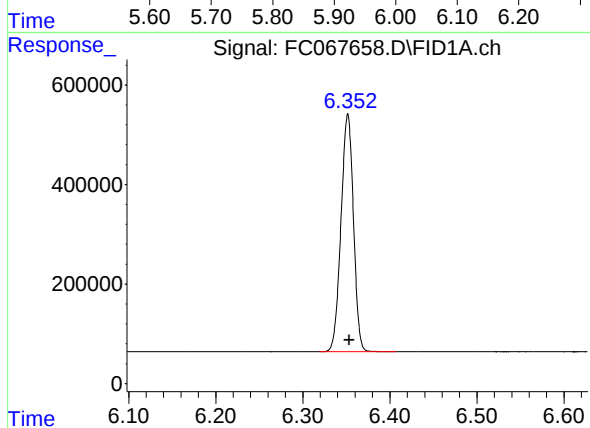
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.001 min
Response: 4481825
Conc: 32.90 ug/ml



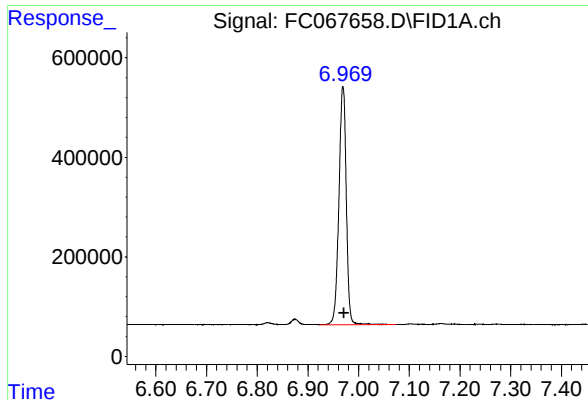
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 5114029
Conc: 34.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 4750277
Conc: 35.07 ug/ml



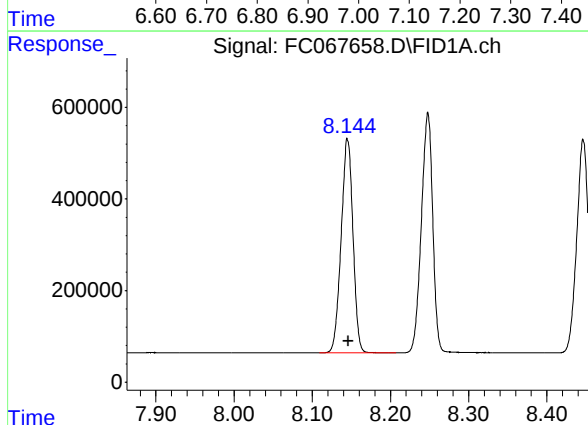
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.969 min
Delta R.T.: -0.002 min
Response: 4818888
Conc: 34.12 ug/ml

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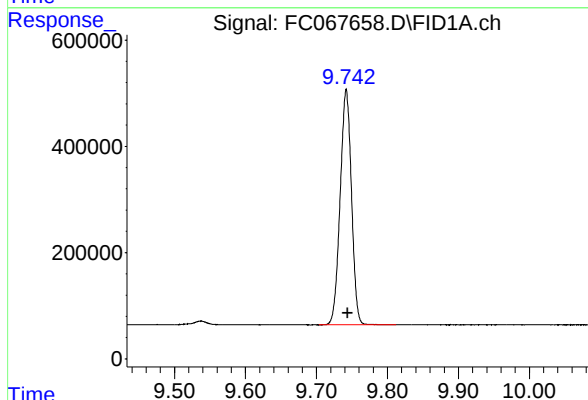
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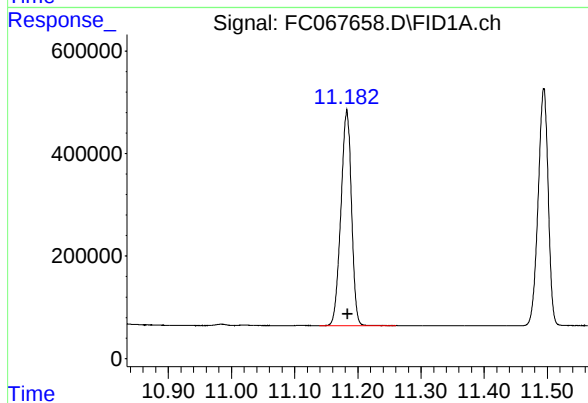
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 4905414
Conc: 37.37 ug/ml



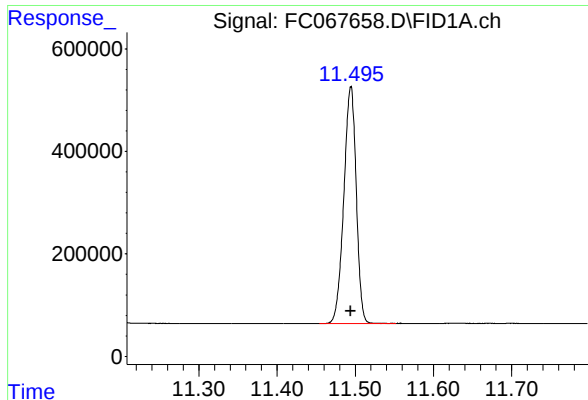
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.002 min
Response: 4901794
Conc: 37.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: -0.001 min
Response: 4897714
Conc: 37.07 ug/ml



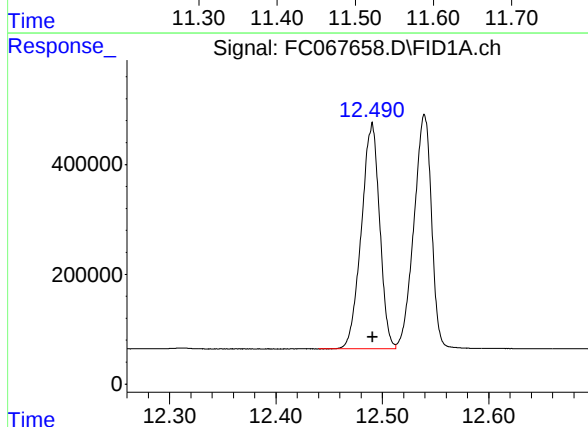
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 5102855
Conc: 34.78 ug/ml

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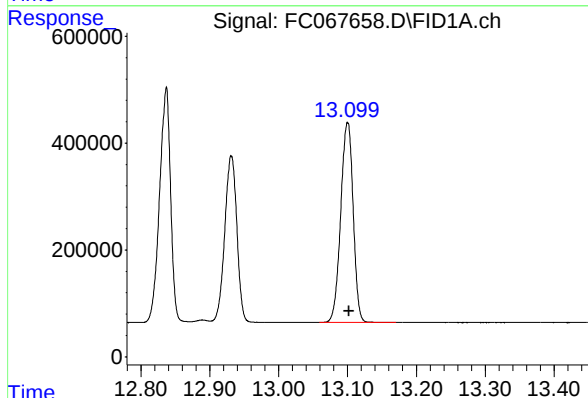
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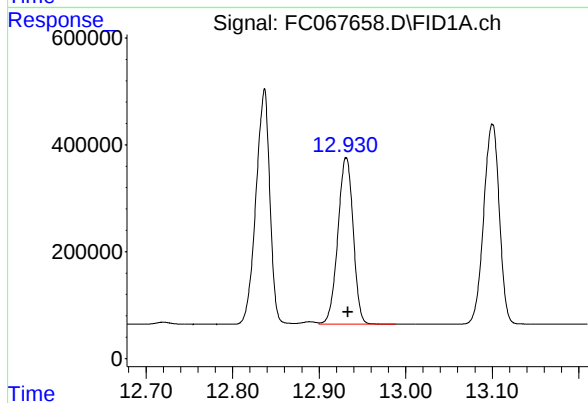
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: 0.000 min
Response: 4900440
Conc: 38.84 ug/ml



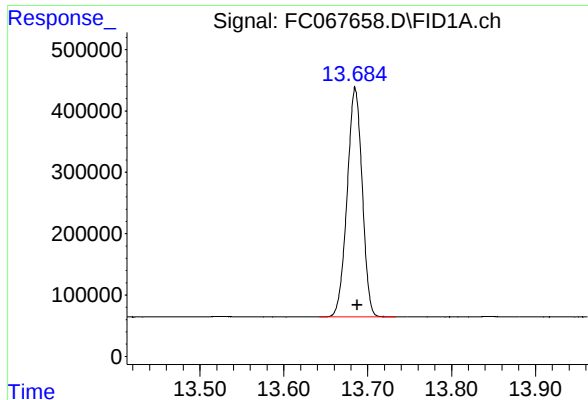
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: -0.002 min
Response: 4704717
Conc: 38.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: -0.002 min
Response: 3829694
Conc: 35.46 ug/ml



#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 4654392
Conc: 38.01 ug/ml

Instrument :

FID_C

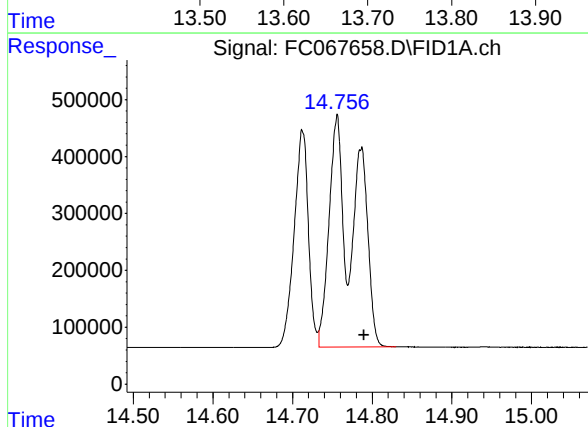
ClientSampleId :

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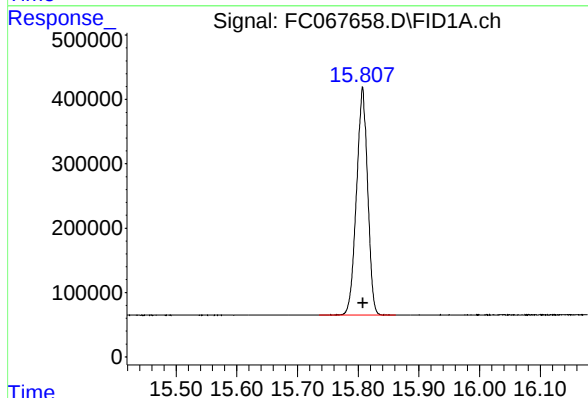
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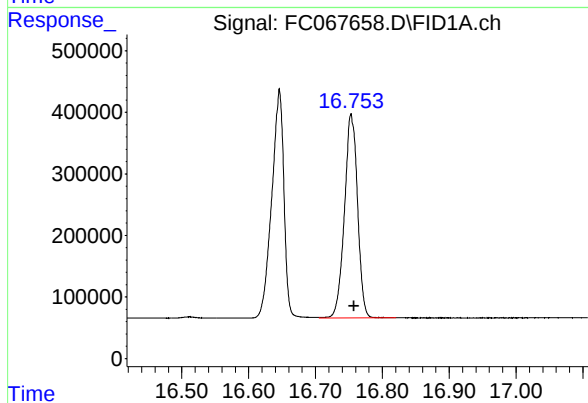
#14 n-Tetracosane (C24)

R.T.: 14.756 min
Delta R.T.: -0.034 min
Response: 9281659
Conc: 76.58 ug/ml m



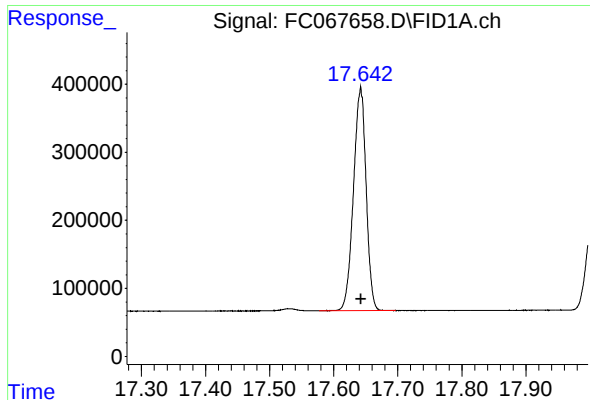
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: 0.000 min
Response: 4509524
Conc: 37.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 4503733
Conc: 38.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: 0.000 min
Response: 4502136
Conc: 37.25 ug/ml

Instrument :

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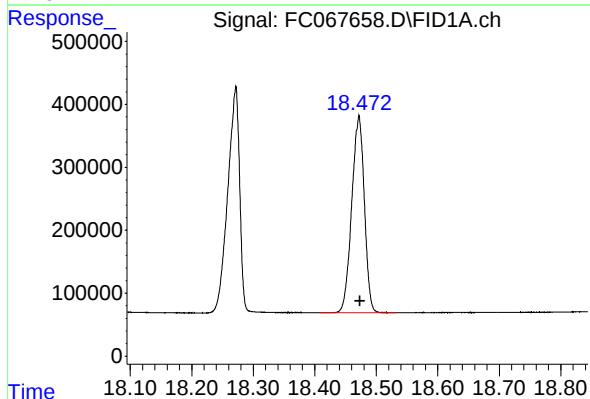
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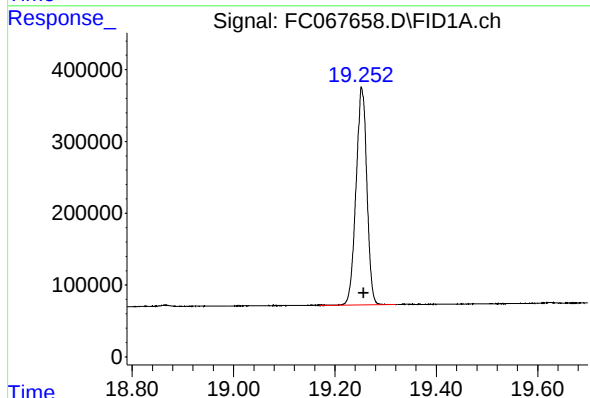
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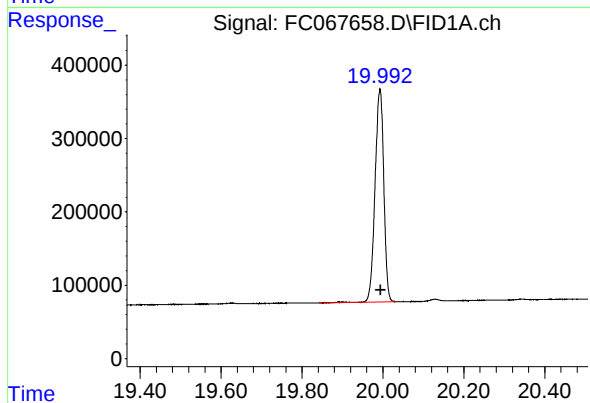
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.002 min
Response: 4451418
Conc: 37.62 ug/ml



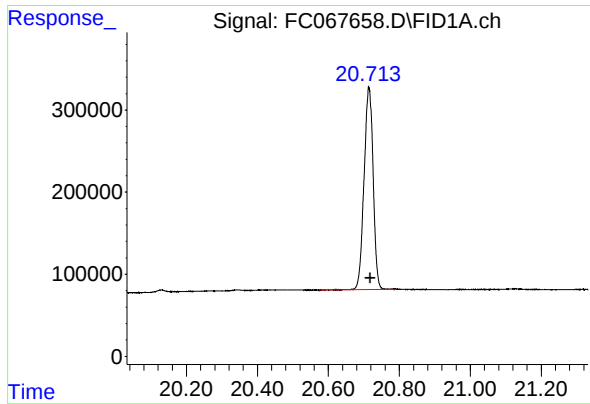
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.003 min
Response: 4490201
Conc: 42.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: -0.002 min
Response: 4348288
Conc: 47.77 ug/ml



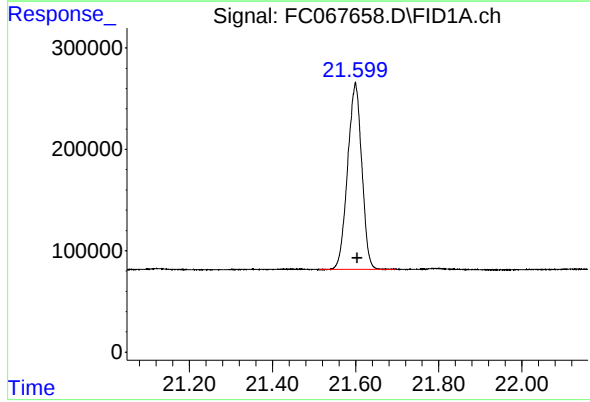
#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.004 min
Response: 4384931
Conc: 50.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: -0.004 min
Response: 4340733
Conc: 51.06 ug/ml