

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112024AL\
 Data File : FC067833.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2024 18:07
 Operator : YP/AJ
 Sample : P4925-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

MH-741MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/21/2024

Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e

Quant Time: Nov 21 01:07:54 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:13:15 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	5171965	26.677 ug/ml
Spiked Amount 50.000		Recovery =	53.35%
12) S 1-chlorooctadecane (S...	12.941	4121130	28.390 ug/ml
Spiked Amount 50.000		Recovery =	56.78%
Target Compounds			
1) T n-Nonane (C9)	3.291	4772966	29.262 ug/ml
2) T n-Decane (C10)	4.352	5350793	32.266 ug/ml
3) T A~Naphthalene (C11.7)	5.927	6178359	33.732 ug/mlm
4) T n-Dodecane (C12)	6.364	5836200	34.651 ug/ml
5) T A~2-methylnaphthalene...	6.982	6461622	36.434 ug/ml
6) T n-Tetradecane (C14)	8.157	6287484	37.544 ug/ml
7) T n-Hexadecane (C16)	9.753	6611026	38.149 ug/ml
8) T n-Octadecane (C18)	11.193	6727311	38.236 ug/ml
10) T n-Eicosane (C20)	12.500	6698177	39.779 ug/ml
11) T n-Heneicosane (C21)	13.110	6340686	38.536 ug/ml
13) T n-Docosane (C22)	13.695	6238594	38.308 ug/ml
14) T n-Tetracosane (C24)	14.768	12117995	75.557 ug/mlm
15) T n-Hexacosane (C26)	15.816	5807799	37.503 ug/mlm
16) T n-Octacosane (C28)	16.762	5651761	37.423 ug/ml
17) T n-Tricontane (C30)	17.651	5586027	36.484 ug/ml
18) T n-Dotriacontane (C32)	18.479	5405027	36.597 ug/ml
19) T n-Tetratriacontane (C34)	19.262	5263504	41.731 ug/ml
20) T n-Hexatriacontane (C36)	20.000	4972035	47.540 ug/ml
21) T n-Octatriacontane (C38)	20.723	4918472	50.351 ug/ml
22) T n-Tetracontane (C40)	21.609	5124088	52.573 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112024AL\
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Operator : YP/AJ
Sample : P4925-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

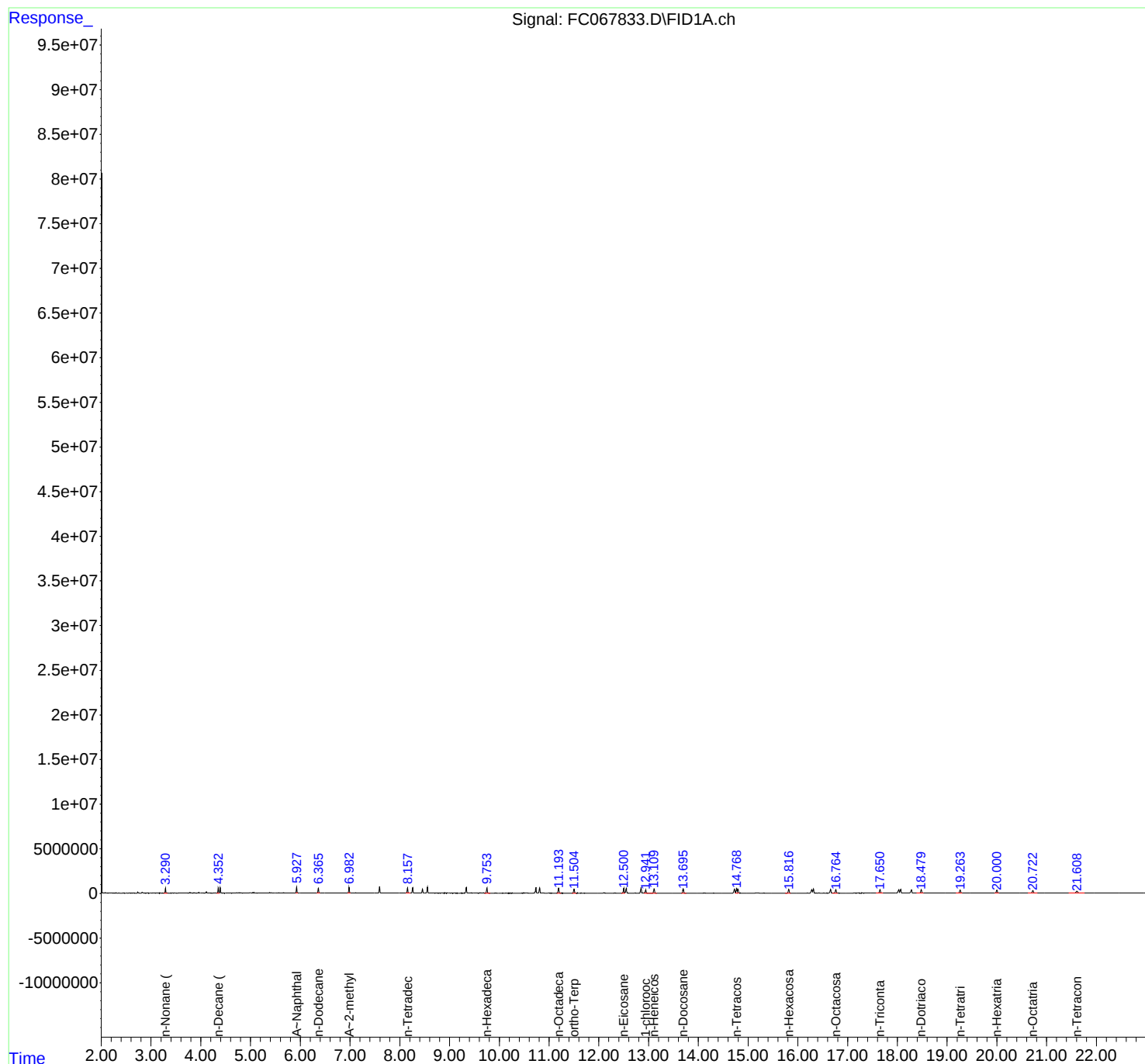
Instrument :
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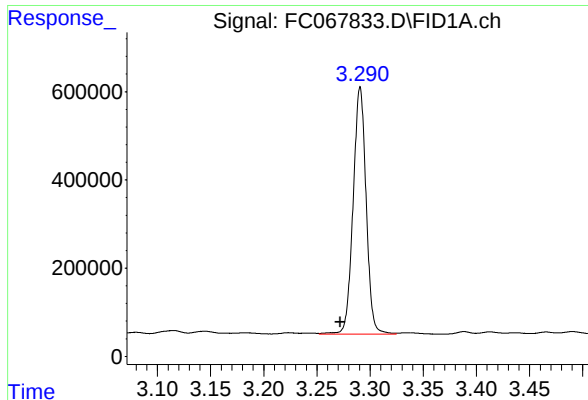
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QLast Update : Thu Nov 14 14:13:15 2024
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: 0.019 min
Response: 4772966
Conc: 29.26 ug/ml

Instrument :

FID_C

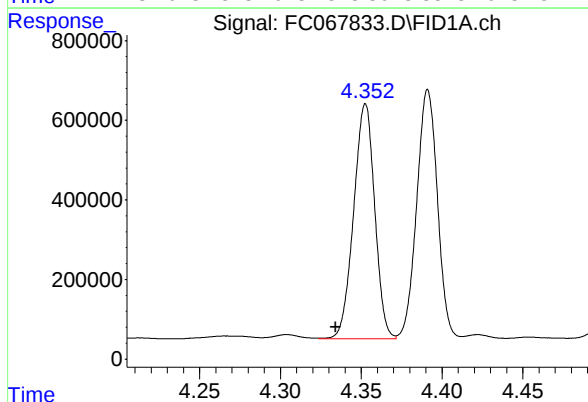
ClientSampleId :

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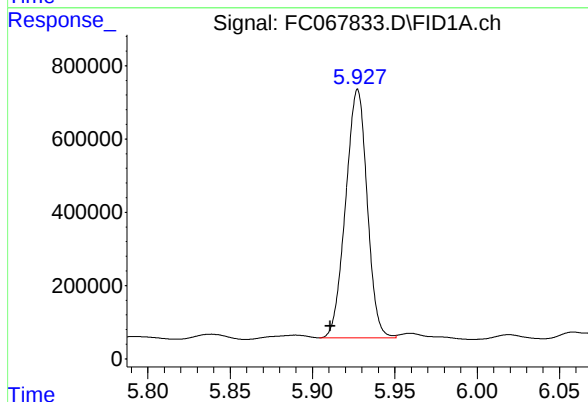
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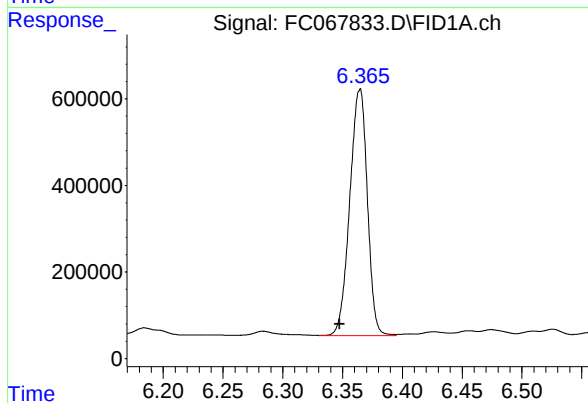
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.018 min
Response: 5350793
Conc: 32.27 ug/ml



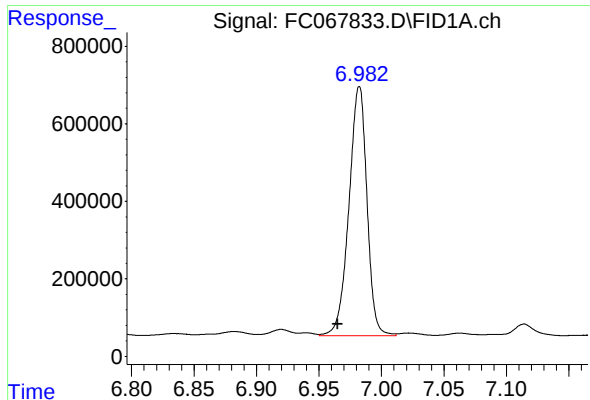
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: 0.016 min
Response: 6178359
Conc: 33.73 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.017 min
Response: 5836200
Conc: 34.65 ug/ml



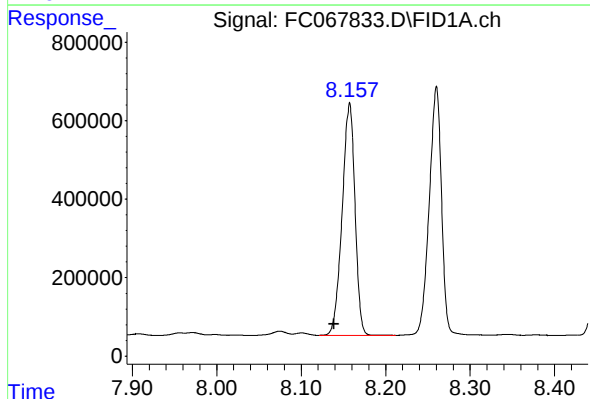
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.017 min
Response: 6461622
Conc: 36.43 ug/ml

Instrument :
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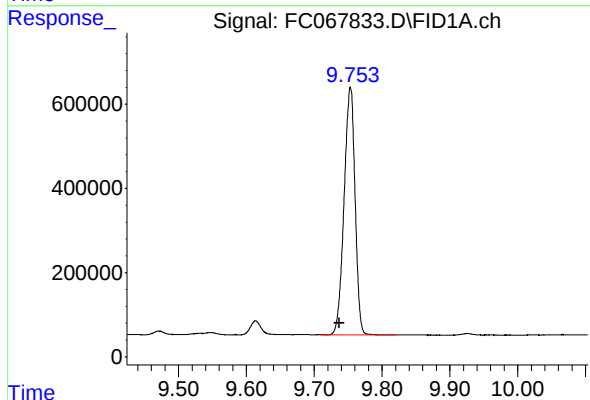
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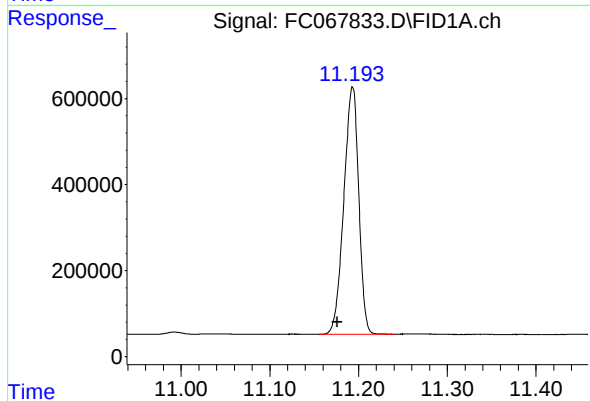
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.018 min
Response: 6287484
Conc: 37.54 ug/ml



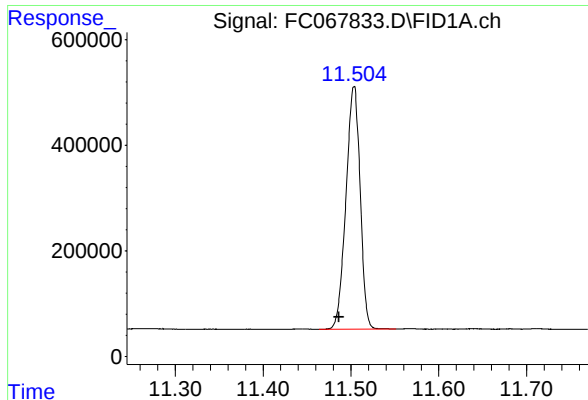
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.016 min
Response: 6611026
Conc: 38.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.017 min
Response: 6727311
Conc: 38.24 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: 0.017 min
Response: 5171965
Conc: 26.68 ug/ml

Instrument :

FID_C

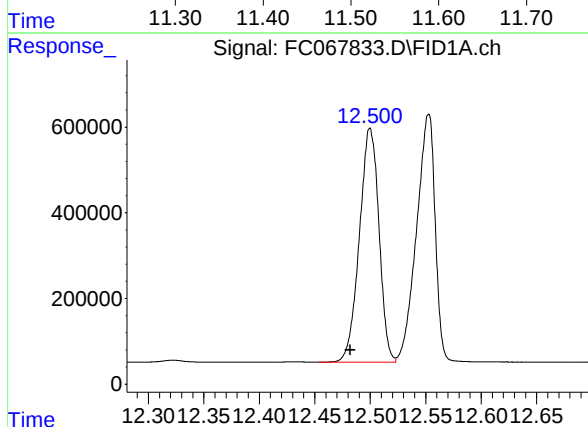
ClientSampleId :

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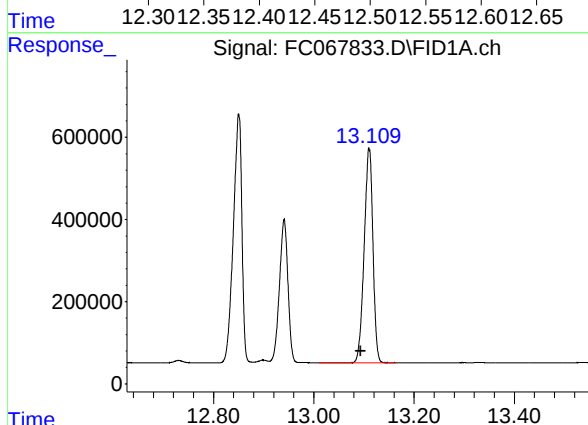
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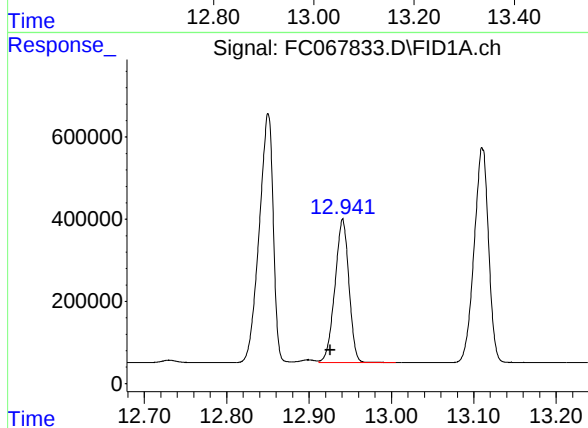
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.018 min
Response: 6698177
Conc: 39.78 ug/ml



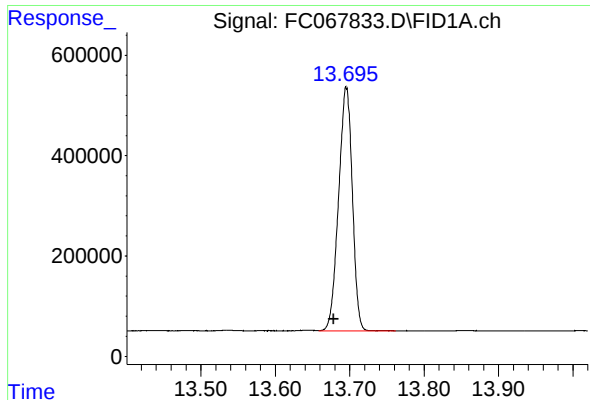
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.017 min
Response: 6340686
Conc: 38.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.015 min
Response: 4121130
Conc: 28.39 ug/ml



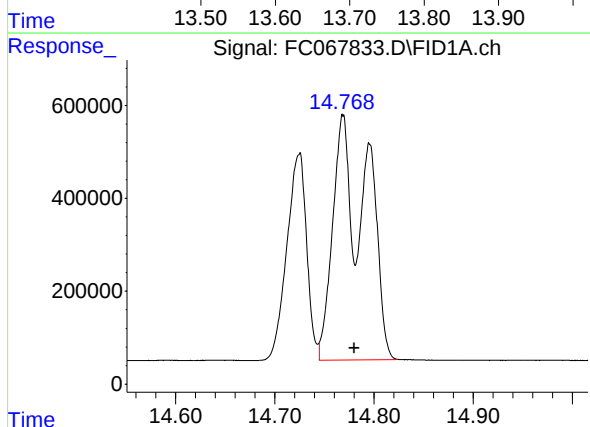
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: 0.017 min
Response: 6238594
Conc: 38.31 ug/ml

Instrument :
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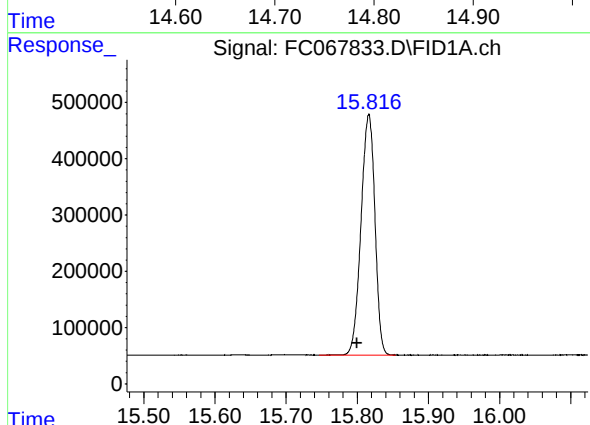
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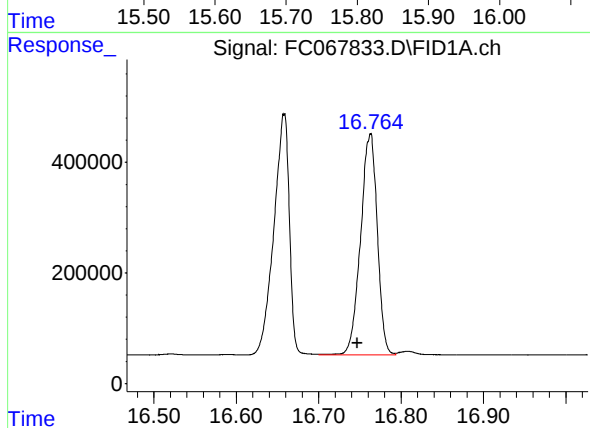
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.012 min
Response: 12117995
Conc: 75.56 ug/ml



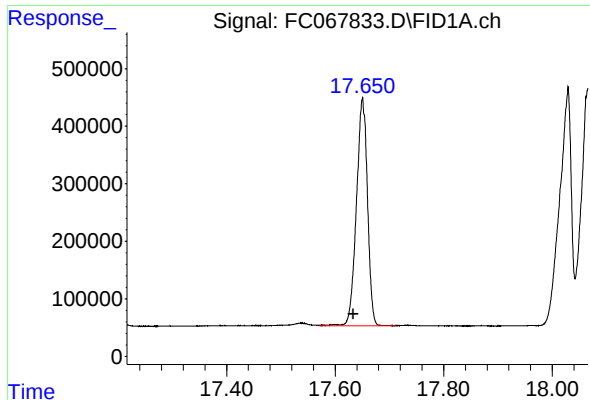
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.017 min
Response: 5807799
Conc: 37.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.015 min
Response: 5651761
Conc: 37.42 ug/ml



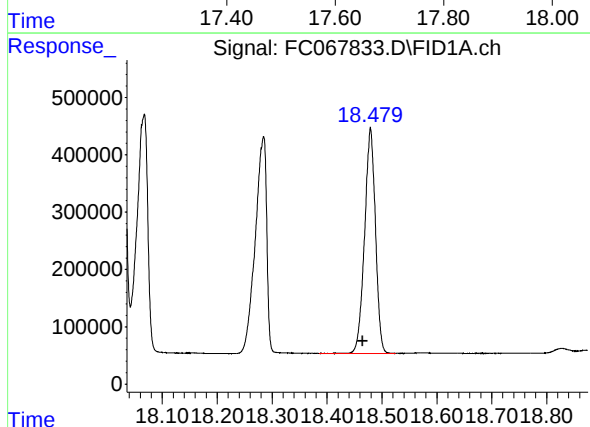
#17 n-Tricontane (C30)

R.T.: 17.651 min
Delta R.T.: 0.017 min
Response: 5586027
Conc: 36.48 ug/ml

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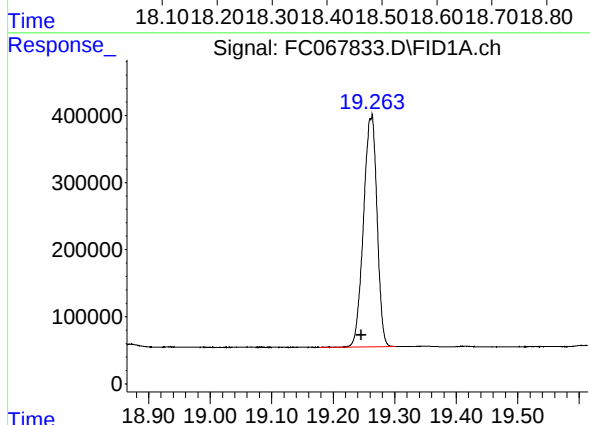
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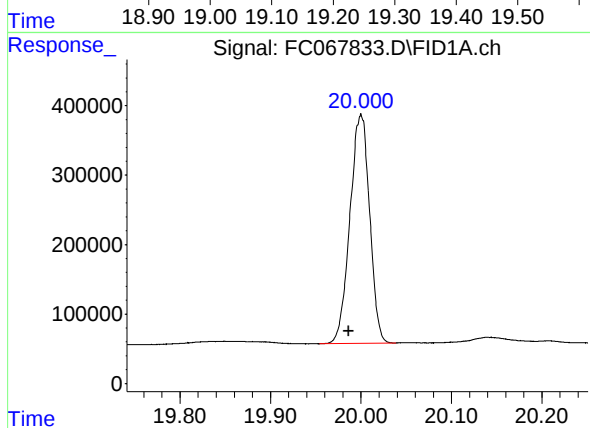
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.014 min
Response: 5405027
Conc: 36.60 ug/ml



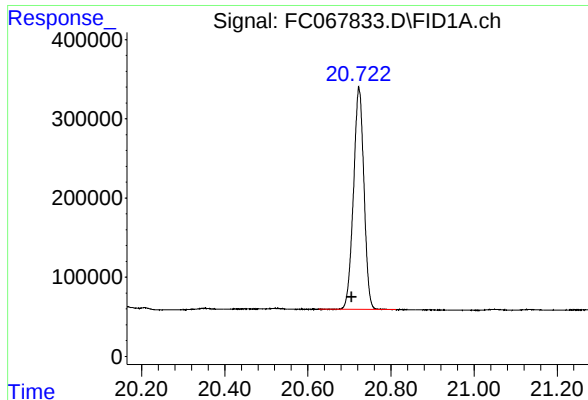
#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: 0.016 min
Response: 5263504
Conc: 41.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: 0.013 min
Response: 4972035
Conc: 47.54 ug/ml



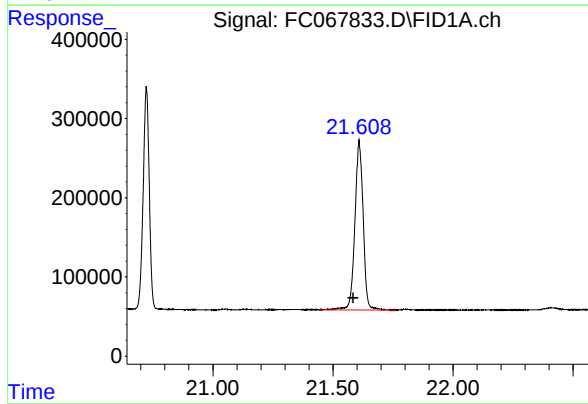
#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: 0.018 min
Response: 4918472
Conc: 50.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: 0.023 min
Response: 5124088
Conc: 52.57 ug/ml