

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101724AL\
 Data File : FC067464.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2024 20:37
 Operator : YP/AJ
 Sample : P4419-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

IB-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/18/2024

Supervised By :Ankita Jodhani 10/18/2024

Integration File: sample.E

Quant Time: Oct 18 01:45:02 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)	11.499	3460384	22.741 ug/mlm
Spiked Amount 50.000		Recovery =	45.48%
12) S 1-chlorooctadecane (S...	12.938	2733603	24.150 ug/mlm
Spiked Amount 50.000		Recovery =	48.30%
Target Compounds			
1) T n-Nonane (C9)	3.278	4148775	32.730 ug/ml
2) T n-Decane (C10)	4.343	4713926	36.672 ug/ml
3) T A~Naphthalene (C11.7)	5.919	5650960	39.836 ug/mlm
4) T n-Dodecane (C12)	6.357	5302863	40.866 ug/mlm
5) T A~2-methylnaphthalene...	6.975	5747152	41.892 ug/mlm
6) T n-Tetradecane (C14)	8.151	5605572	43.522 ug/mlm
7) T n-Hexadecane (C16)	9.749	6012917	45.170 ug/mlm
8) T n-Octadecane (C18)	11.188	5836270	43.040 ug/mlm
10) T n-Eicosane (C20)	12.497	5905281	45.227 ug/mlm
11) T n-Heneicosane (C21)	13.108	5671589	44.221 ug/mlm
13) T n-Docosane (C22)	13.693	5483545	42.945 ug/ml
14) T n-Tetracosane (C24)	14.765	11001066	86.018 ug/mlm
15) T n-Hexacosane (C26)	15.815	5239488	41.555 ug/ml
16) T n-Octacosane (C28)	16.762	5297812	42.170 ug/ml
17) T n-Tricontane (C30)	17.650	5463348	42.409 ug/ml
18) T n-Dotriacontane (C32)	18.480	5394352	43.180 ug/ml
19) T n-Tetratriacontane (C34)	19.263	5334496	48.816 ug/ml
20) T n-Hexatriacontane (C36)	20.001	5187875	54.888 ug/ml
21) T n-Octatriacontane (C38)	20.725	5104360	58.203 ug/mlm
22) T n-Tetracontane (C40)	21.613	5066152	58.876 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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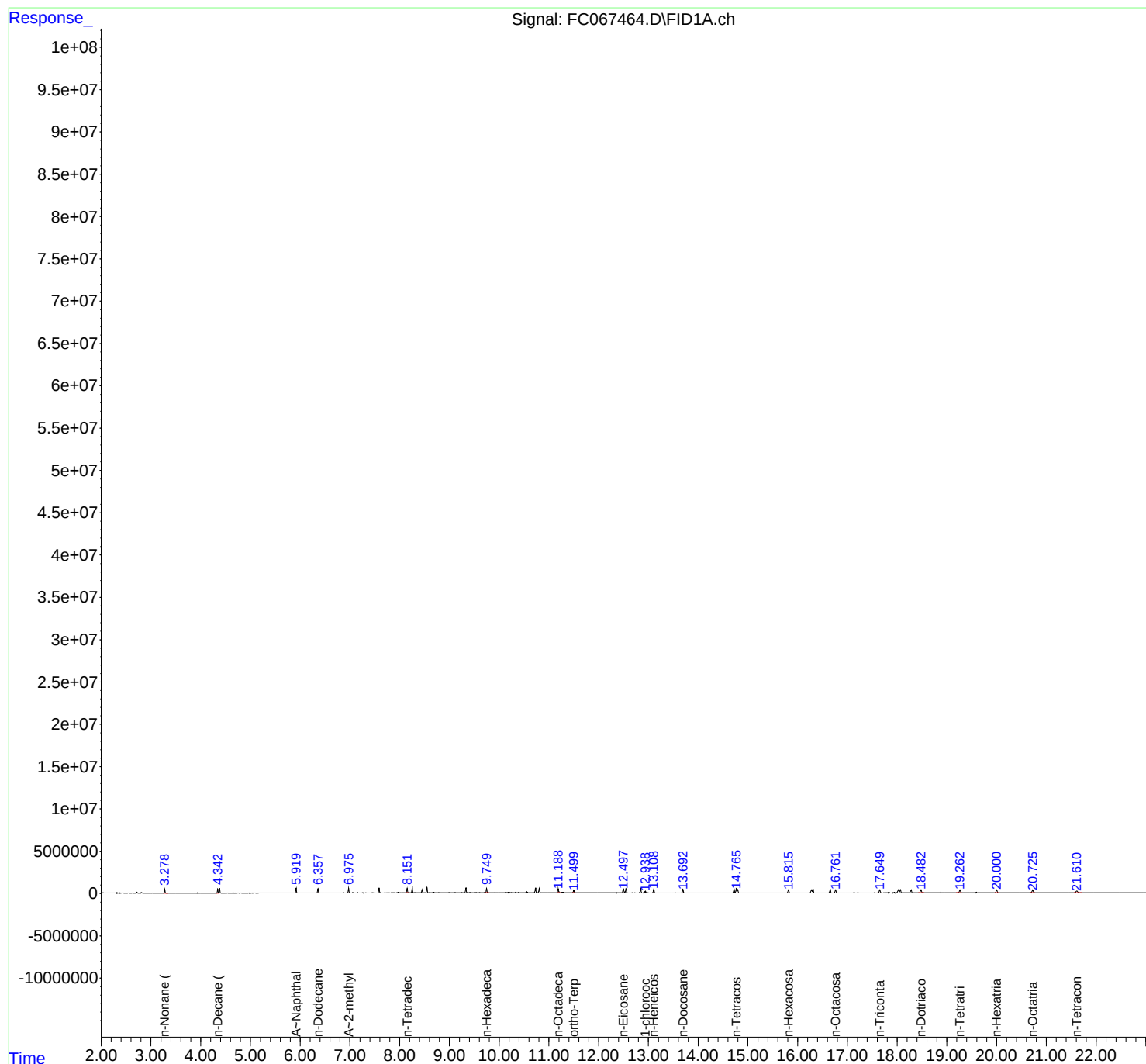
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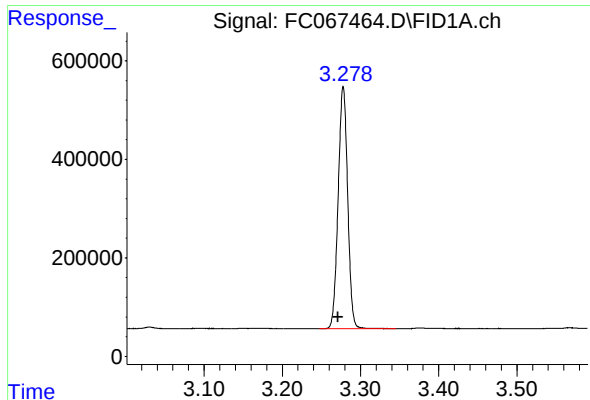
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.007 min
Response: 4148775
Conc: 32.73 ug/ml

Instrument :

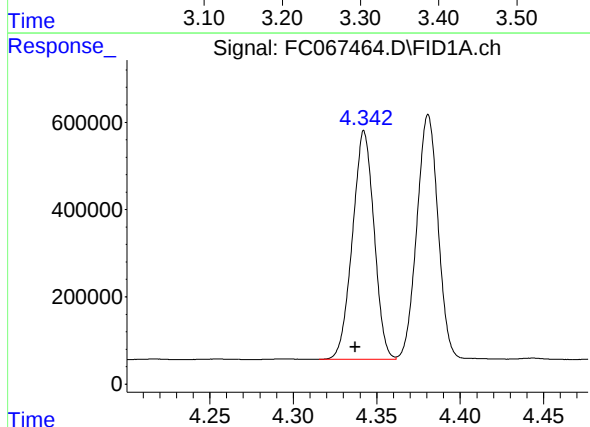
FID_C

ClientSampleId :

IB-1MSD

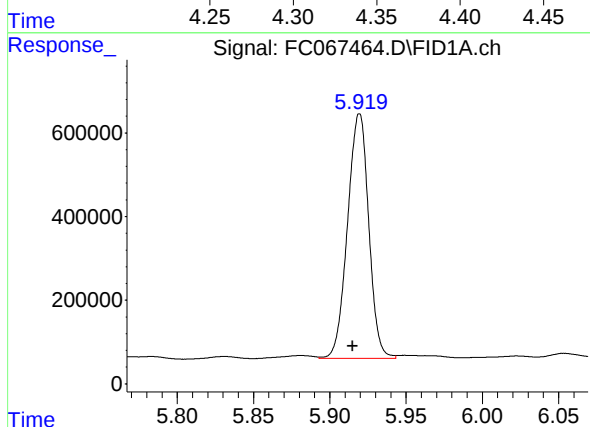
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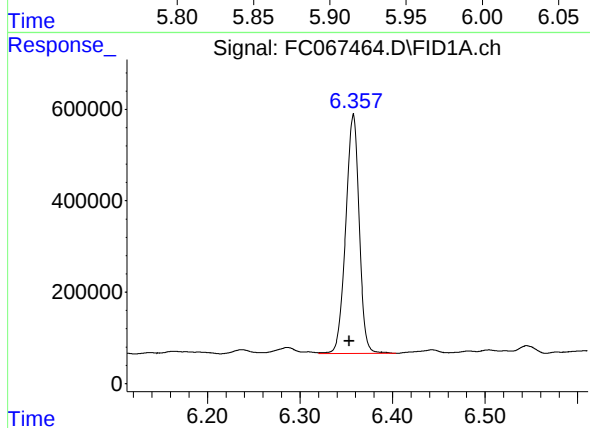
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.005 min
Response: 4713926
Conc: 36.67 ug/ml



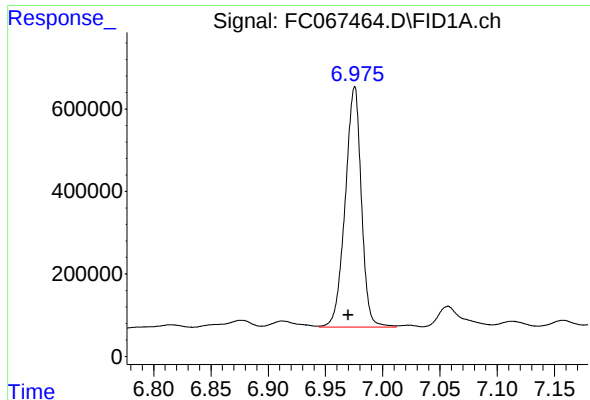
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: 0.004 min
Response: 5650960
Conc: 39.84 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: 0.004 min
Response: 5302863
Conc: 40.87 ug/ml m



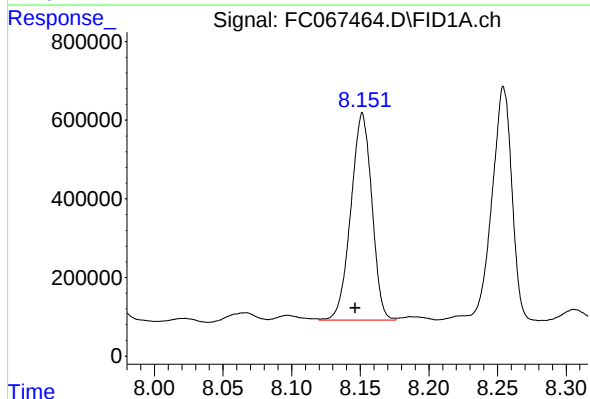
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.975 min
Delta R.T.: 0.006 min
Response: 5747152
Conc: 41.89 ug/ml

Instrument :
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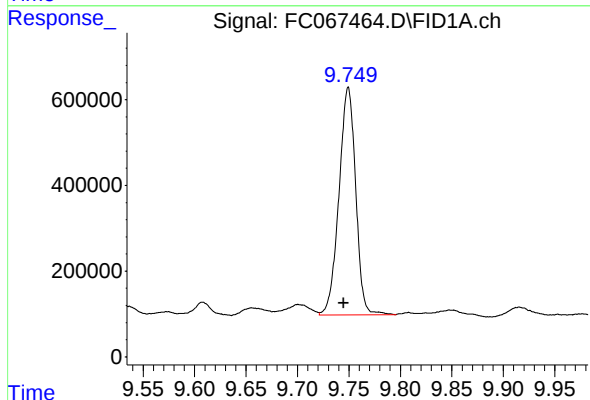
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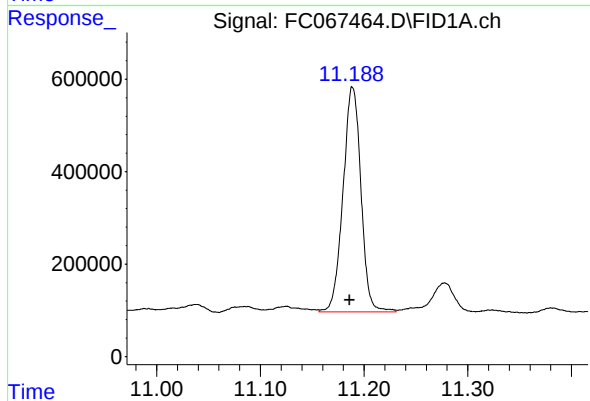
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: 0.005 min
Response: 5605572
Conc: 43.52 ug/ml m



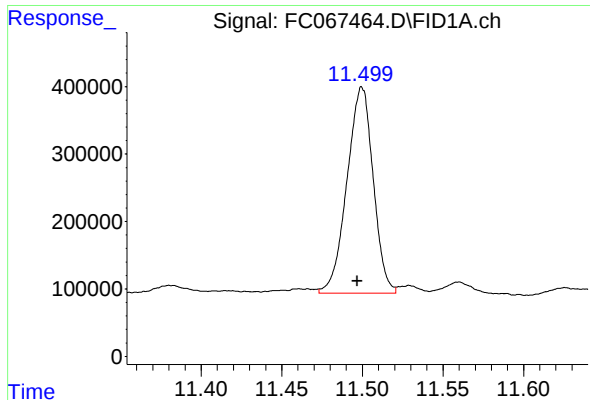
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.004 min
Response: 6012917
Conc: 45.17 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 5836270
Conc: 43.04 ug/ml m



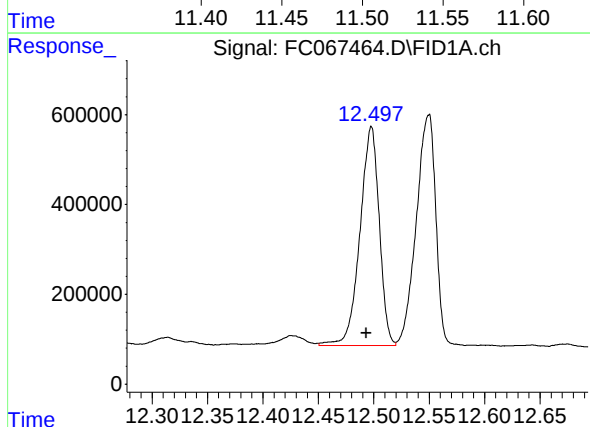
#9 ortho-Terphenyl (SURR)

R.T.: 11.499 min
Delta R.T.: 0.002 min
Response: 3460384
Conc: 22.74 ug/ml

Instrument :
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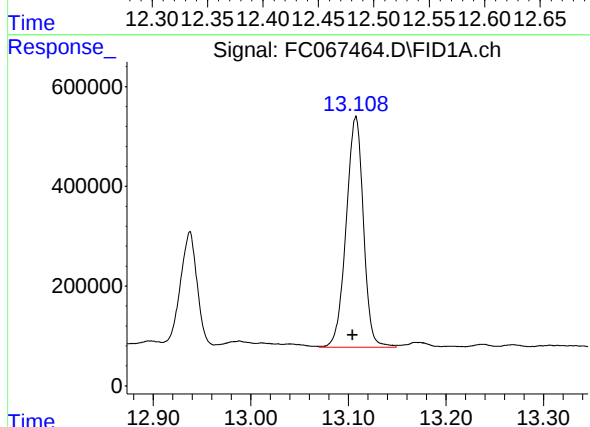
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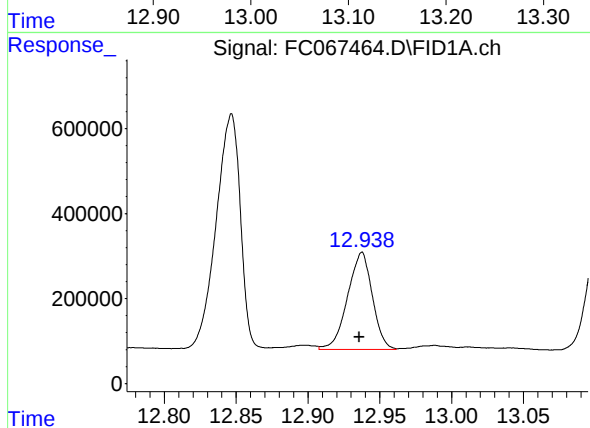
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: 0.004 min
Response: 5905281
Conc: 45.23 ug/ml m



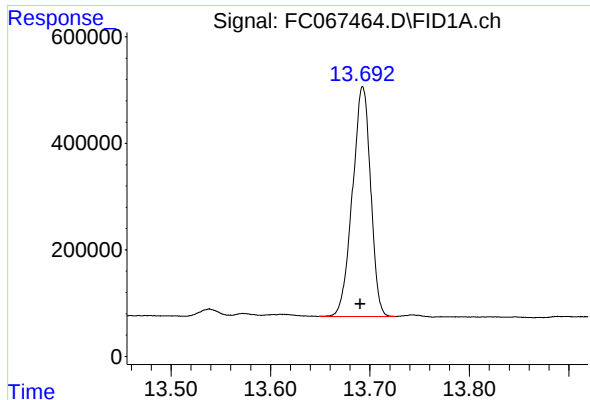
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.003 min
Response: 5671589
Conc: 44.22 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.938 min
Delta R.T.: 0.002 min
Response: 2733603
Conc: 24.15 ug/ml m



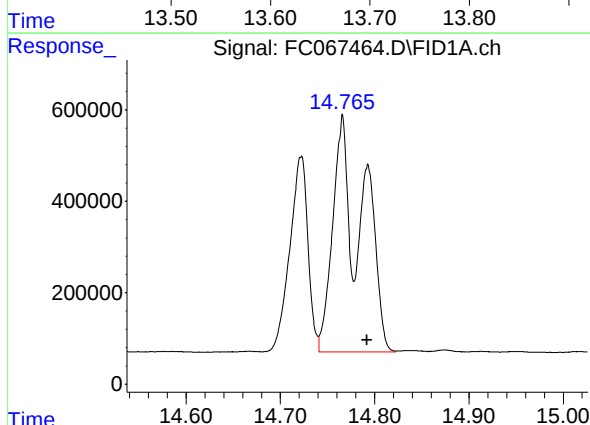
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: 0.002 min
Response: 5483545
Conc: 42.95 ug/ml

Instrument :
FID_C
ClientSampleId :
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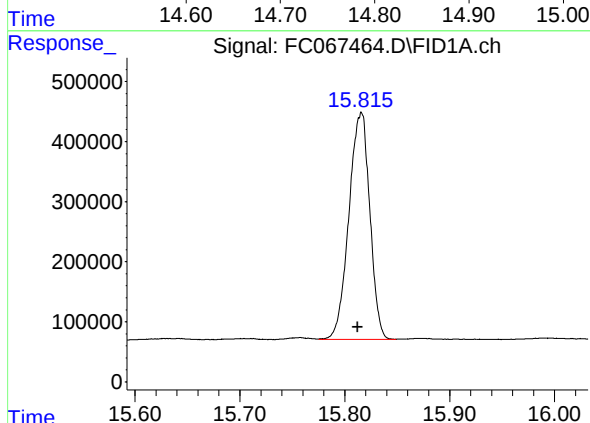
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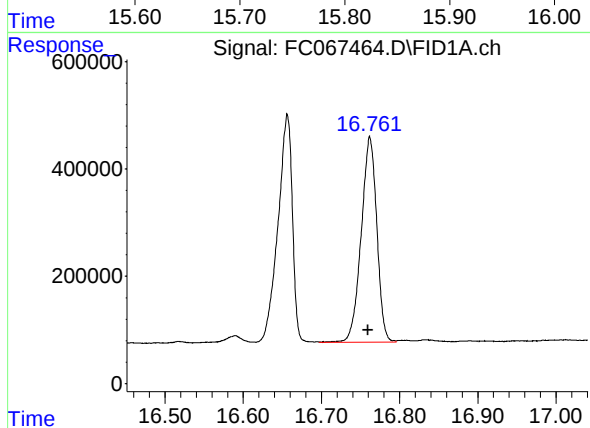
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.026 min
Response: 11001066
Conc: 86.02 ug/ml m



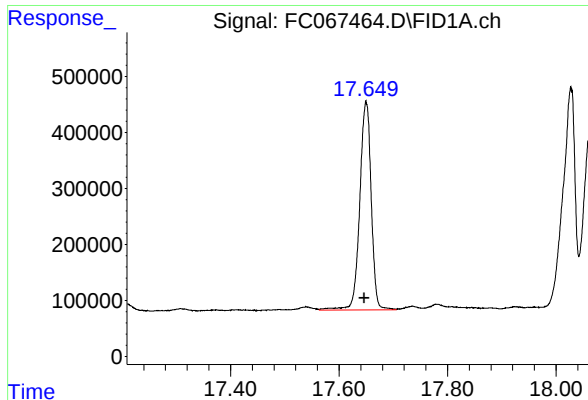
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.003 min
Response: 5239488
Conc: 41.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.002 min
Response: 5297812
Conc: 42.17 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.650 min
Delta R.T.: 0.004 min
Response: 5463348
Conc: 42.41 ug/ml

Instrument :

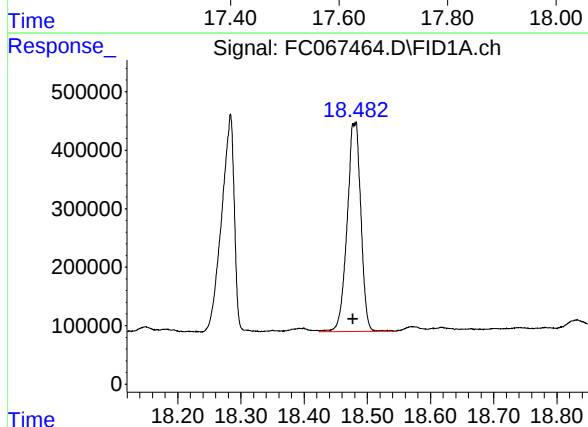
FID_C

ClientSampleId :

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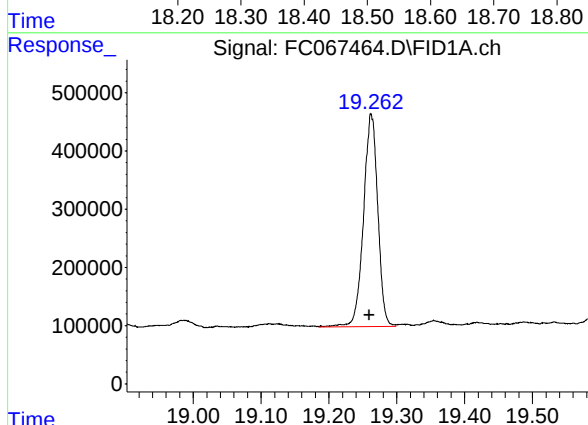
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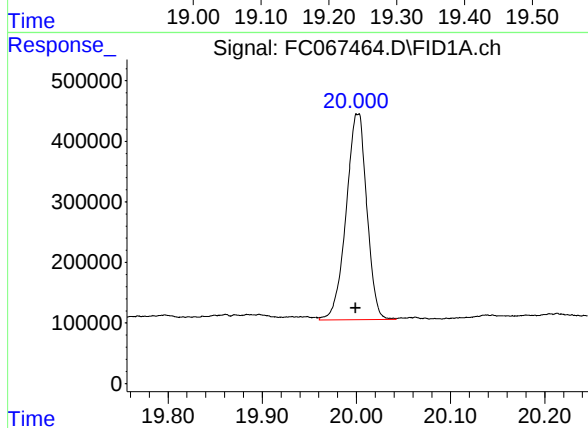
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.002 min
Response: 5394352
Conc: 43.18 ug/ml



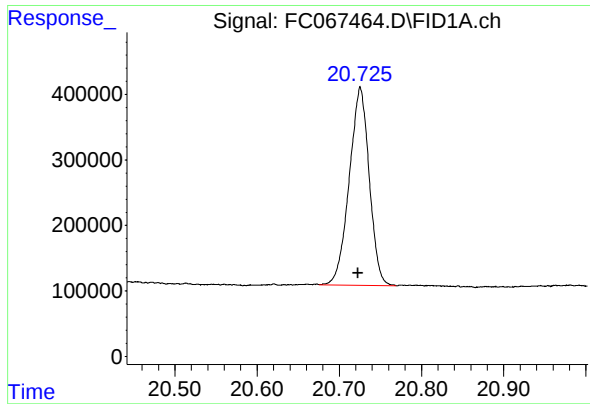
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min
Delta R.T.: 0.003 min
Response: 5334496
Conc: 48.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: 0.002 min
Response: 5187875
Conc: 54.89 ug/ml



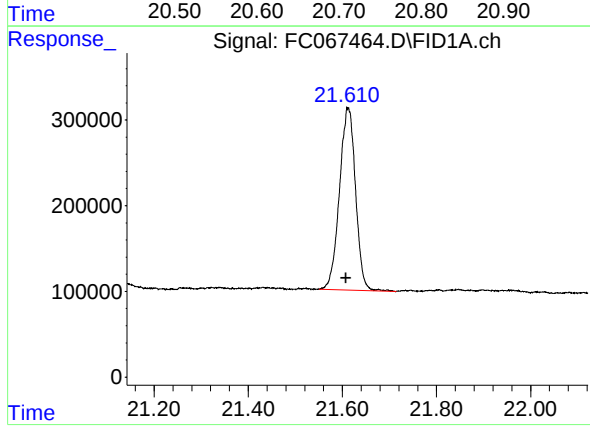
#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.002 min
Response: 5104360
Conc: 58.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.613 min
Delta R.T.: 0.005 min
Response: 5066152
Conc: 58.88 ug/ml