

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111224AL\
 Data File : FC067720.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2024 22:14
 Operator : YP/AJ
 Sample : P4810-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/13/2024

Supervised By :Ankita Jodhani 11/13/2024

Integration File: autoint1.e

Quant Time: Nov 12 23:56:40 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)	11.488	3505635	23.892 ug/ml
Spiked Amount 50.000		Recovery =	47.78%
12) S 1-chlorooctadecane (S...	12.925	2453569	22.721 ug/ml
Spiked Amount 50.000		Recovery =	45.44%
Target Compounds			
1) T n-Nonane (C9)	3.285	5747487	42.662 ug/ml
2) T n-Decane (C10)	4.342	6000552	44.042 ug/ml
3) T A~Naphthalene (C11.7)	5.914	6622166	44.687 ug/ml
4) T n-Dodecane (C12)	6.350	6047575	44.651 ug/ml
5) T A~2-methylnaphthalene...	6.967	6017209	42.608 ug/ml
6) T n-Tetradecane (C14)	8.142	5955826	45.374 ug/mlm
7) T n-Hexadecane (C16)	9.739	5875992	44.480 ug/ml
8) T n-Octadecane (C18)	11.178	5835386	44.170 ug/ml
10) T n-Eicosane (C20)	12.486	5846777	46.338 ug/ml
11) T n-Heneicosane (C21)	13.096	5601233	45.386 ug/ml
13) T n-Docosane (C22)	13.681	5561265	45.417 ug/ml
14) T n-Tetracosane (C24)	14.752	11338233	93.542 ug/mlm
15) T n-Hexacosane (C26)	15.803	5477096	46.004 ug/ml
16) T n-Octacosane (C28)	16.750	5596632	47.571 ug/ml
17) T n-Tricontane (C30)	17.637	5678651	46.981 ug/ml
18) T n-Dotriacontane (C32)	18.467	5738228	48.497 ug/ml
19) T n-Tetratriacontane (C34)	19.248	5764792	55.046 ug/ml
20) T n-Hexatriacontane (C36)	19.987	5461719	60.001 ug/ml
21) T n-Octatriacontane (C38)	20.708	5403573	62.395 ug/mlm
22) T n-Tetracontane (C40)	21.590	5506655	64.776 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111224AL\
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Operator : YP/AJ
Sample : P4810-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

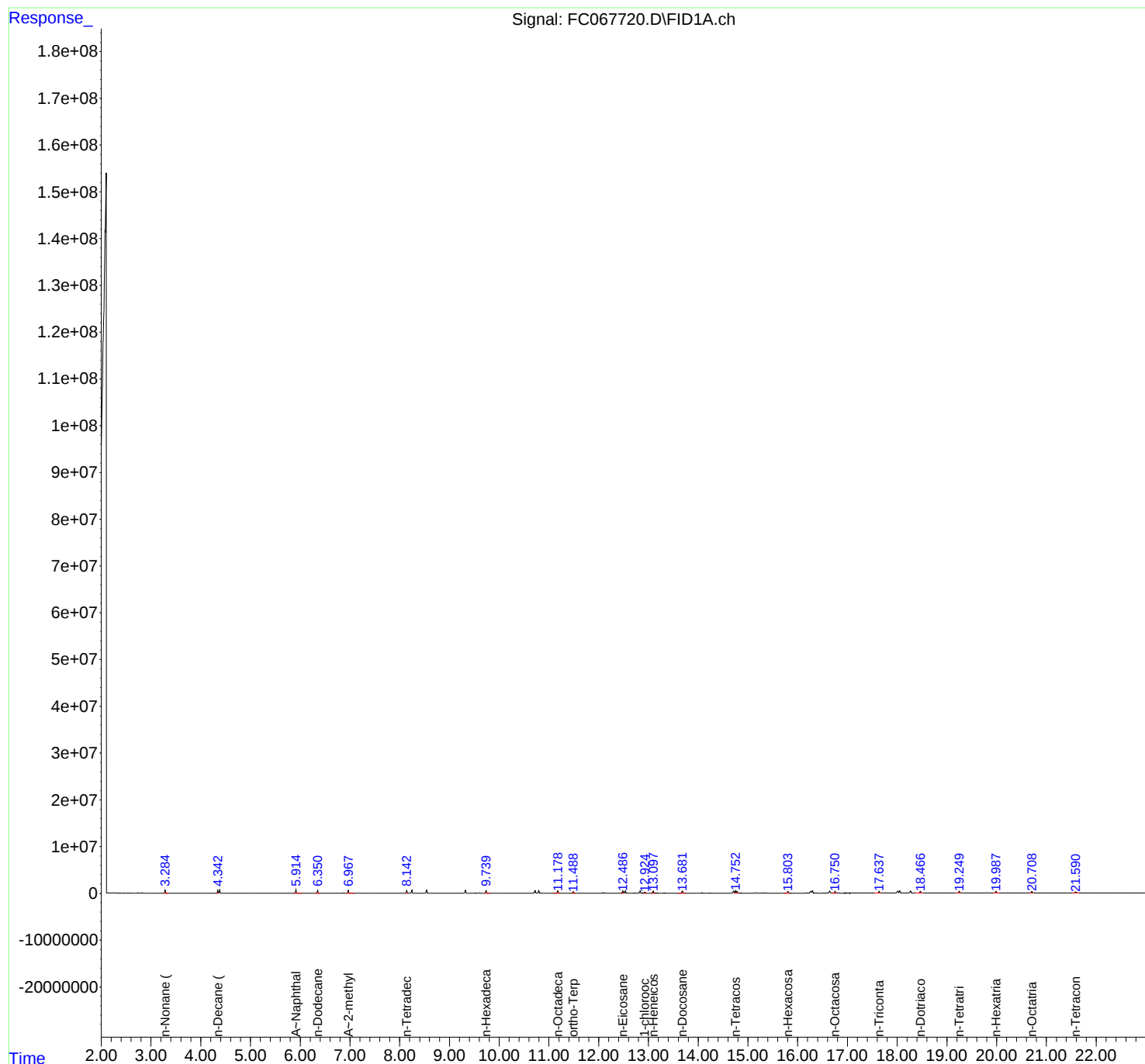
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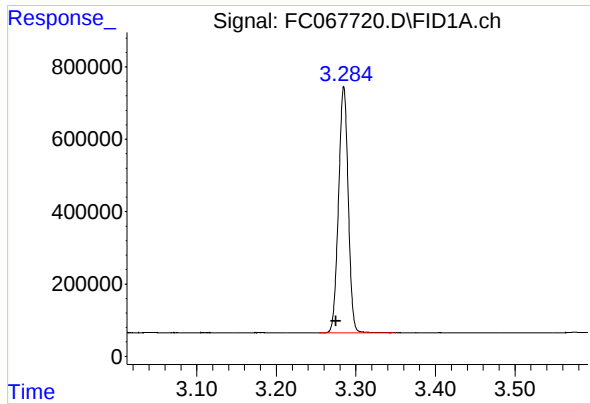
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Quant Title : GC Extractables
QLast Update : Wed Oct 23 18:12:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: 0.010 min
Response: 5747487
Conc: 42.66 ug/ml

Instrument :

FID_C

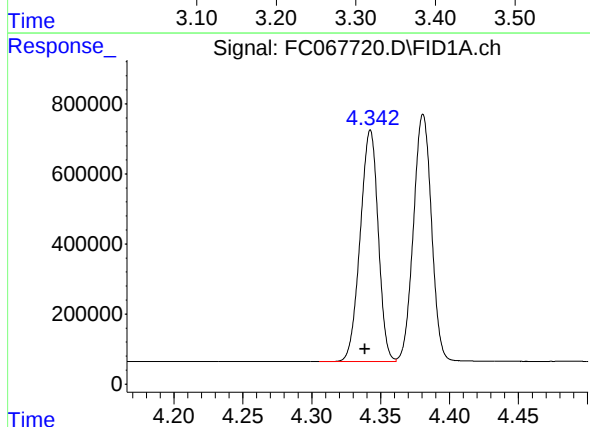
ClientSampleId :

1MSD

Manual Integrations

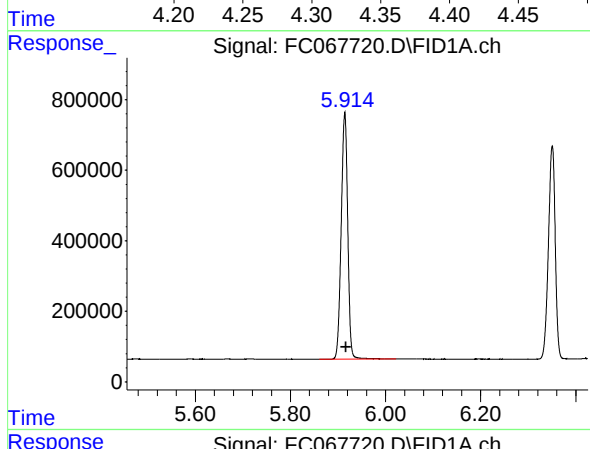
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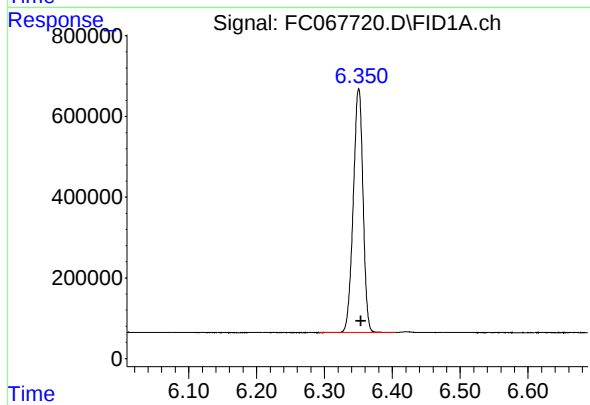
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.004 min
Response: 6000552
Conc: 44.04 ug/ml



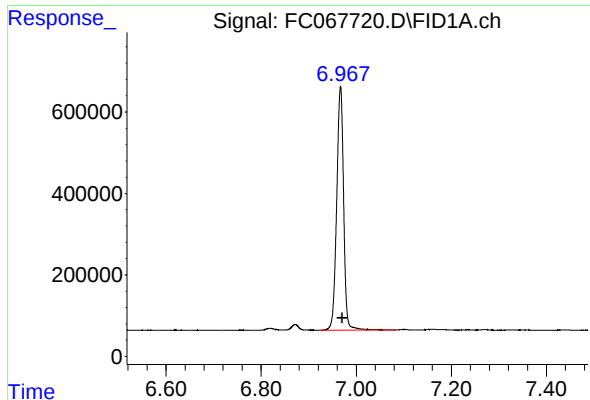
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 6622166
Conc: 44.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 6047575
Conc: 44.65 ug/ml



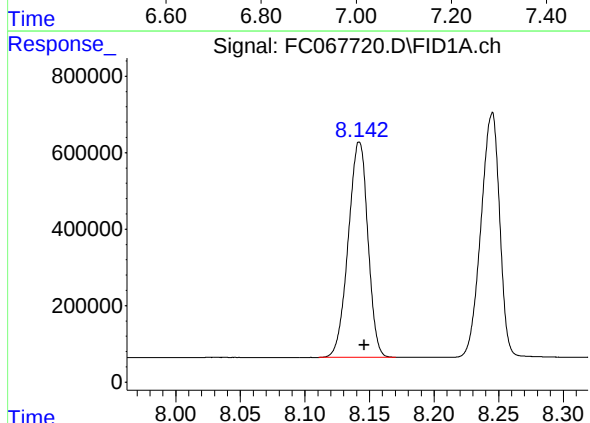
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.967 min
Delta R.T.: -0.004 min
Response: 6017209
Conc: 42.61 ug/ml

Instrument :
FID_C
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1MSD

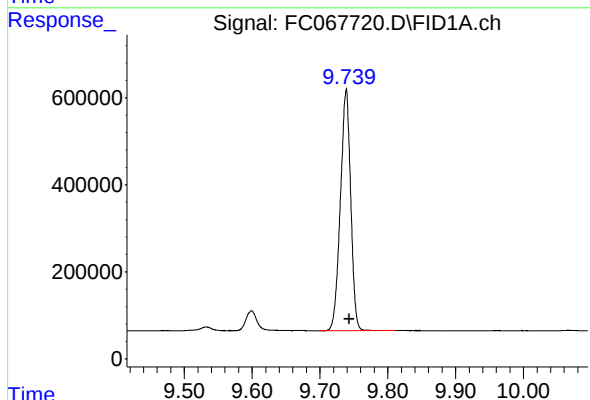
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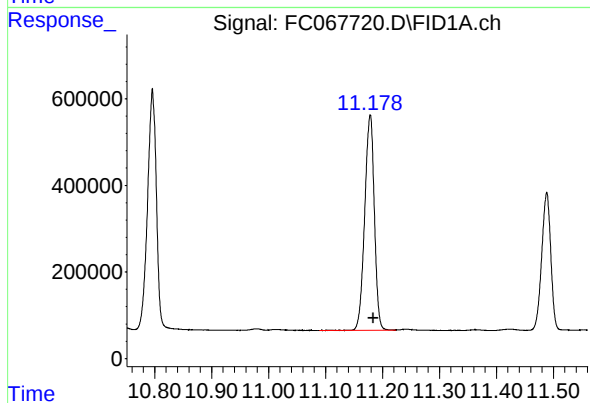
#6 n-Tetradecane (C14)

R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 5955826
Conc: 45.37 ug/ml m



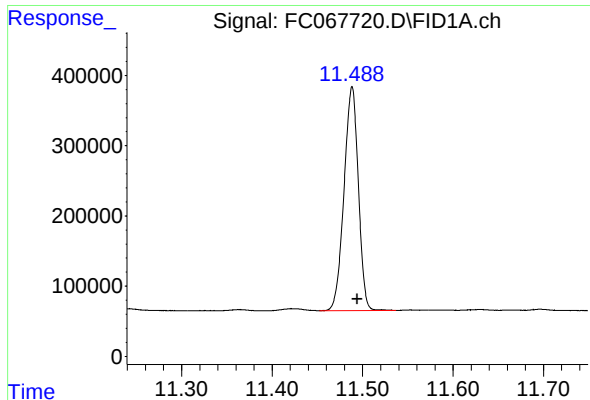
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.005 min
Response: 5875992
Conc: 44.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: -0.006 min
Response: 5835386
Conc: 44.17 ug/ml



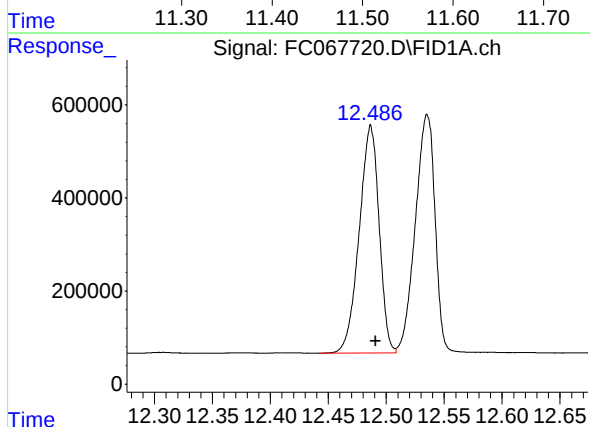
#9 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.006 min
Response: 3505635
Conc: 23.89 ug/ml

Instrument :
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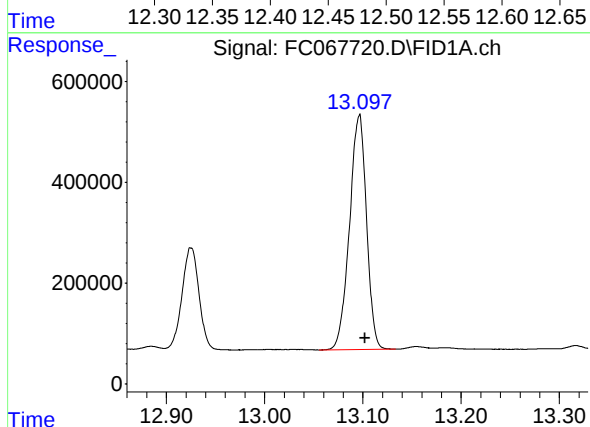
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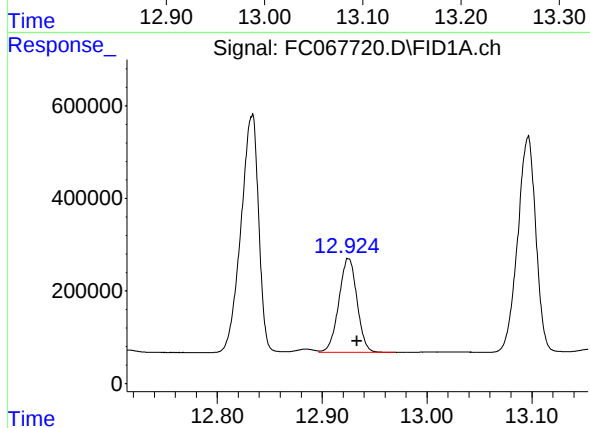
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: -0.004 min
Response: 5846777
Conc: 46.34 ug/ml



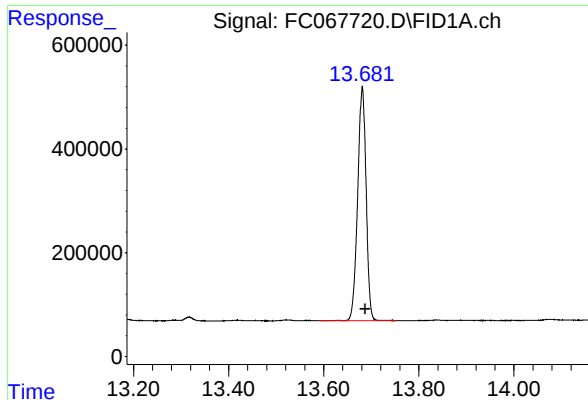
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: -0.006 min
Response: 5601233
Conc: 45.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: -0.008 min
Response: 2453569
Conc: 22.72 ug/ml



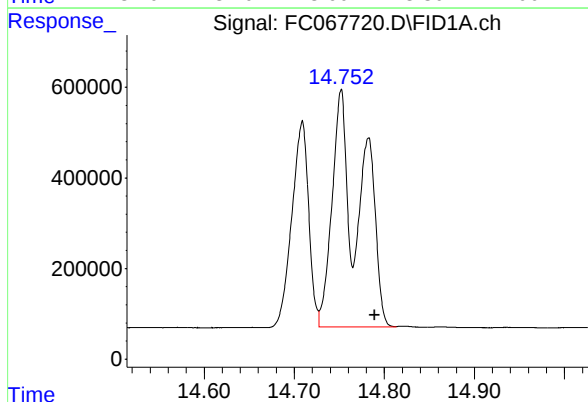
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: -0.006 min
Response: 5561265
Conc: 45.42 ug/ml

Instrument :
FID_C
ClientSampleId :
1MSD

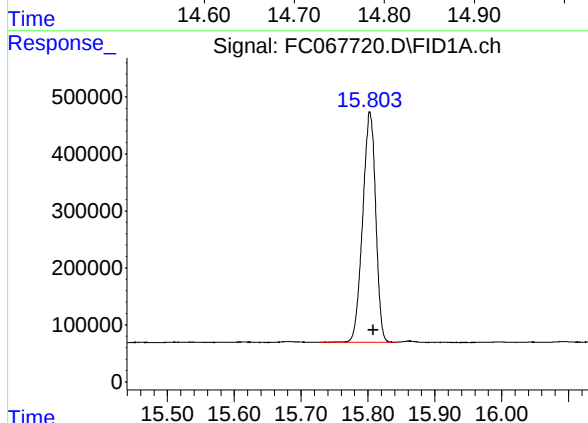
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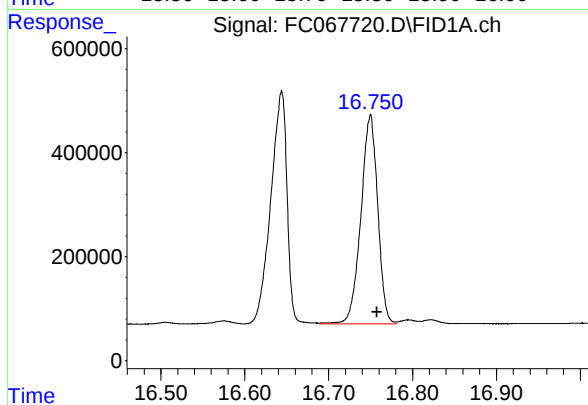
#14 n-Tetracosane (C24)

R.T.: 14.752 min
Delta R.T.: -0.037 min
Response: 11338233
Conc: 93.54 ug/ml m



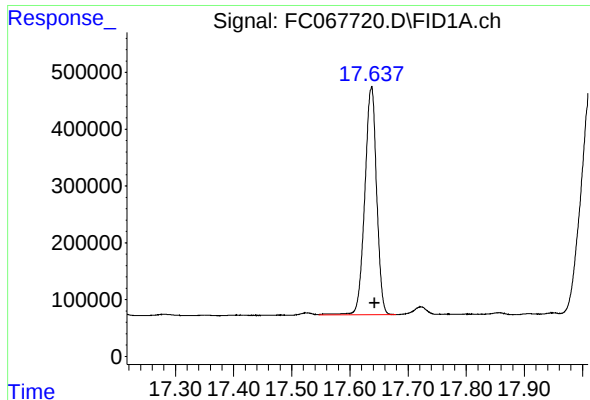
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.005 min
Response: 5477096
Conc: 46.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.750 min
Delta R.T.: -0.008 min
Response: 5596632
Conc: 47.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.006 min
Response: 5678651
Conc: 46.98 ug/ml

Instrument :

FID_C

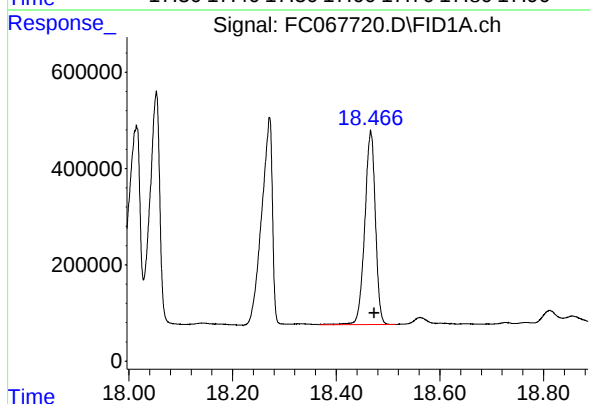
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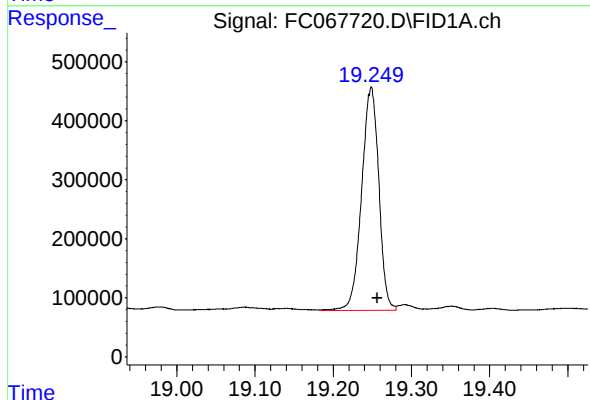
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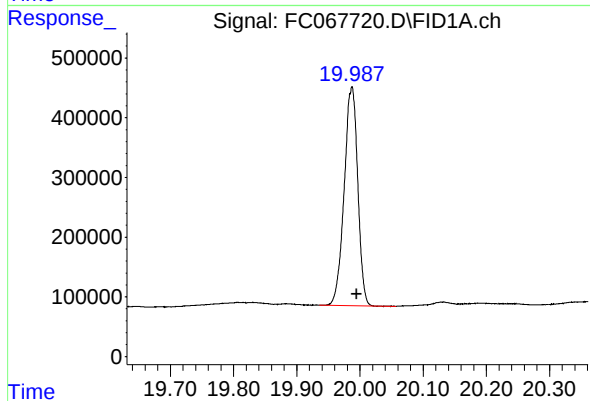
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: -0.007 min
Response: 5738228
Conc: 48.50 ug/ml



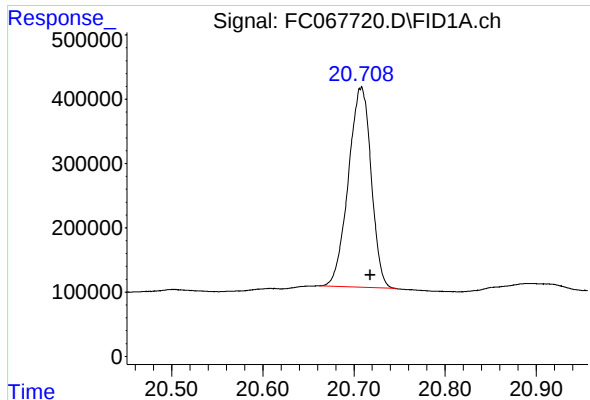
#19 n-Tetratriacontane (C34)

R.T.: 19.248 min
Delta R.T.: -0.008 min
Response: 5764792
Conc: 55.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.987 min
Delta R.T.: -0.008 min
Response: 5461719
Conc: 60.00 ug/ml



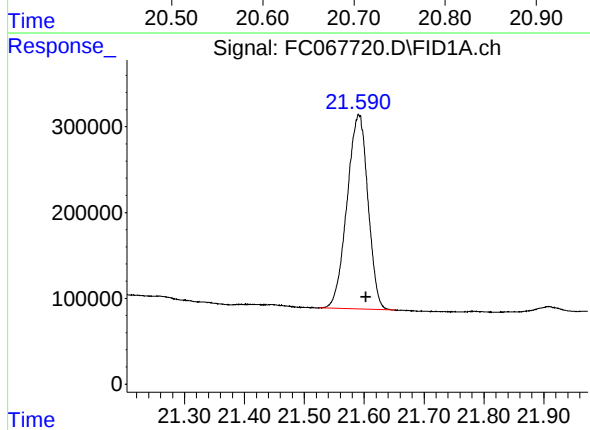
#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: -0.010 min
Response: 5403573
Conc: 62.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.013 min
Response: 5506655
Conc: 64.78 ug/ml m