

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120924AL\
 Data File : FC067947.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2024 14:28
 Operator : YP/AJ
 Sample : PB165478BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165478BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e

Quant Time: Dec 10 04:38:37 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)	11.475	6783868	34.991 ug/ml
Spiked Amount 50.000		Recovery =	69.98%
12) S 1-chlorooctadecane (S...	12.913	5424857	37.371 ug/ml
Spiked Amount 50.000		Recovery =	74.74%
Target Compounds			
1) T n-Nonane (C9)	3.264	6657209	40.813 ug/ml
2) T n-Decane (C10)	4.322	7092031	42.766 ug/ml
3) T A~Naphthalene (C11.7)	5.893	8073061	44.077 ug/ml
4) T n-Dodecane (C12)	6.332	7383030	43.835 ug/ml
5) T A~2-methylnaphthalene...	6.948	7430420	41.896 ug/ml
6) T n-Tetradecane (C14)	8.126	7444131	44.450 ug/ml
7) T n-Hexadecane (C16)	9.724	7323780	42.261 ug/ml
8) T n-Octadecane (C18)	11.165	7231222	41.101 ug/ml
10) T n-Eicosane (C20)	12.472	7159917	42.521 ug/ml
11) T n-Heneicosane (C21)	13.083	6787007	41.249 ug/ml
13) T n-Docosane (C22)	13.668	6668674	40.949 ug/ml
14) T n-Tetracosane (C24)	14.738	12925297	80.591 ug/mlm
15) T n-Hexacosane (C26)	15.791	6207689	40.085 ug/ml
16) T n-Octacosane (C28)	16.738	6049856	40.059 ug/ml
17) T n-Tricontane (C30)	17.626	5969439	38.988 ug/ml
18) T n-Dotriacontane (C32)	18.456	5839371	39.538 ug/ml
19) T n-Tetratriacontane (C34)	19.238	5819443	46.138 ug/ml
20) T n-Hexatriacontane (C36)	19.976	5682279	54.331 ug/ml
21) T n-Octatriacontane (C38)	20.697	5701979	58.372 ug/ml
22) T n-Tetracontane (C40)	21.576	5749902	58.994 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB165478BS
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ALS Vial : 12 Sample Multiplier: 1

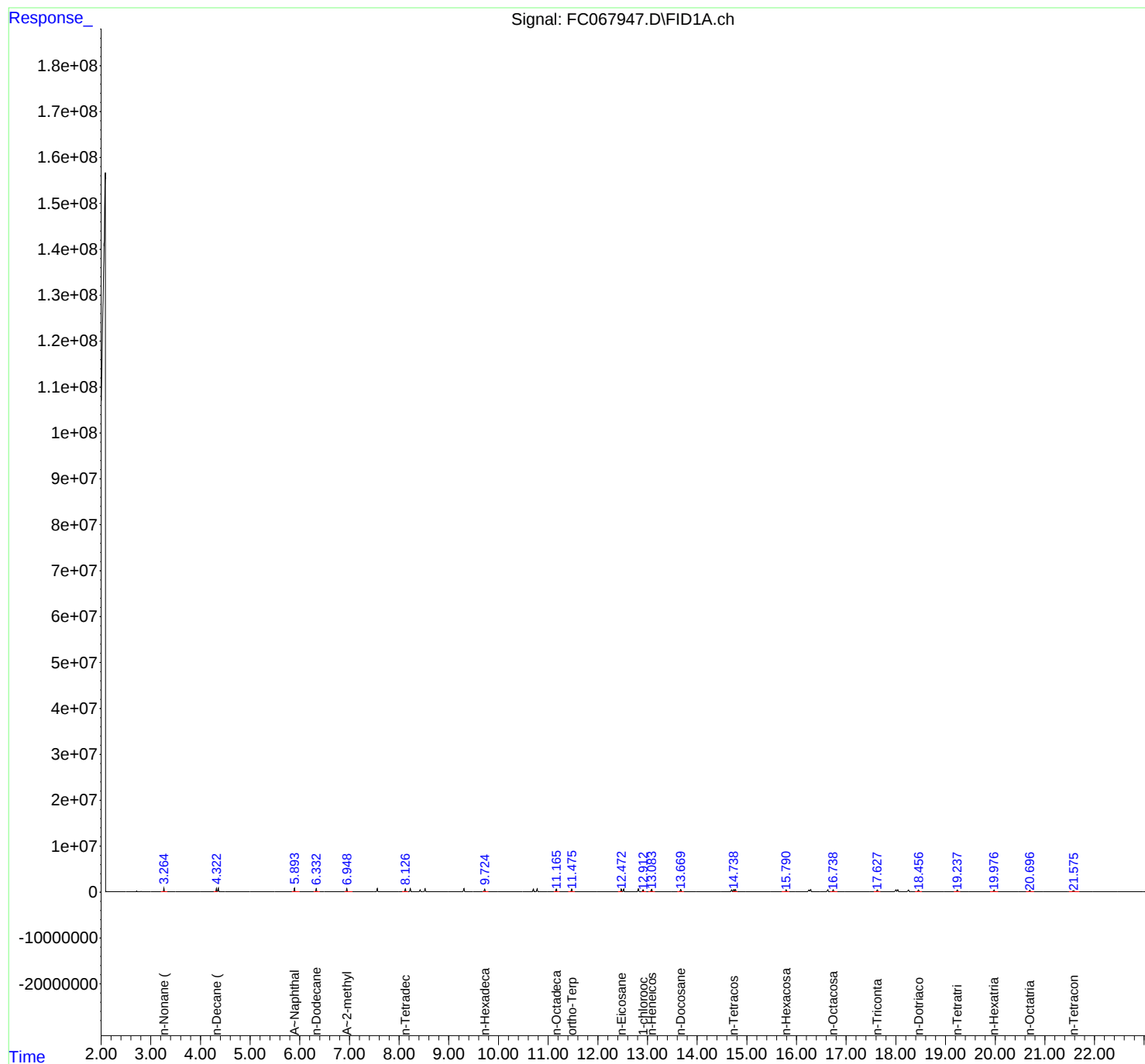
Instrument :
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PB165478BS

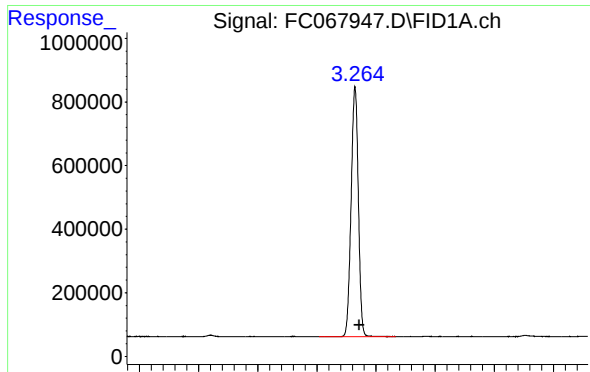
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.008 min
Response: 6657209
Conc: 40.81 ug/ml

Instrument :

FID_C

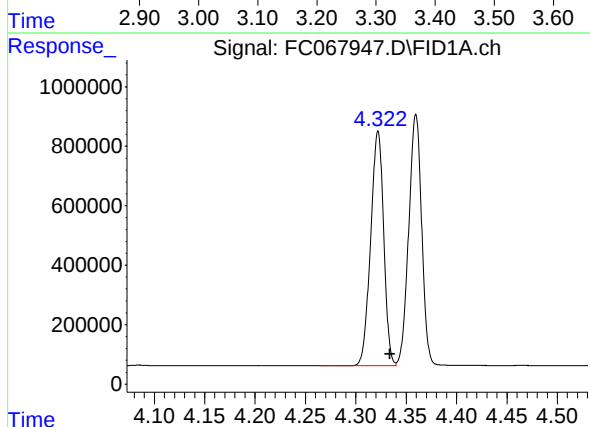
ClientSampleId :

PB165478BS

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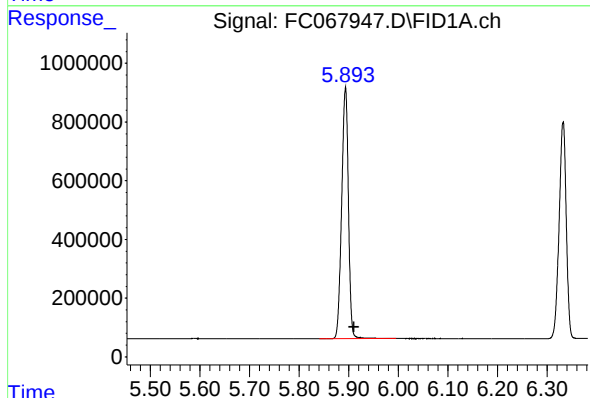
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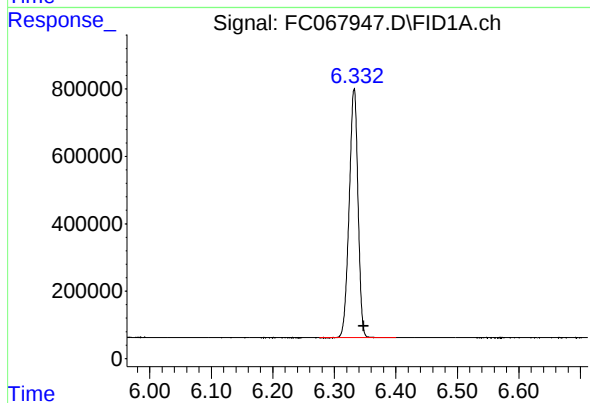
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: -0.012 min
Response: 7092031
Conc: 42.77 ug/ml



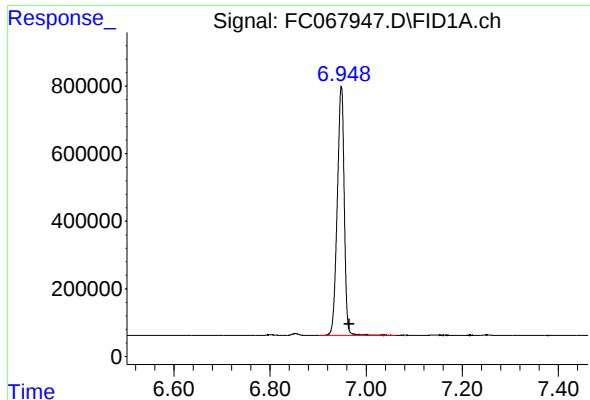
#3 A~Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.018 min
Response: 8073061
Conc: 44.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: -0.015 min
Response: 7383030
Conc: 43.83 ug/ml



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

R.T.: 6.948 min
Delta R.T.: -0.017 min
Response: 7430420
Conc: 41.90 ug/ml

Instrument :

FID_C

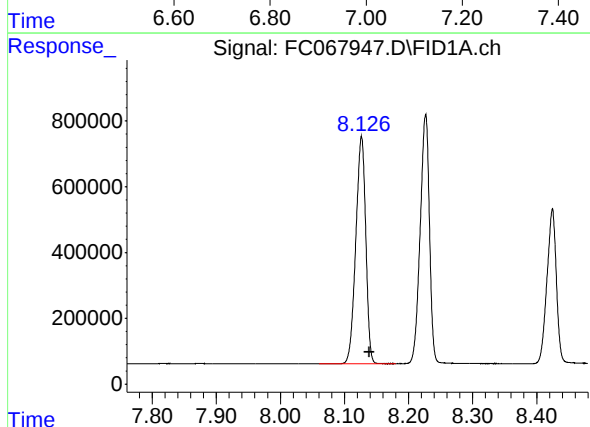
ClientSampleId :

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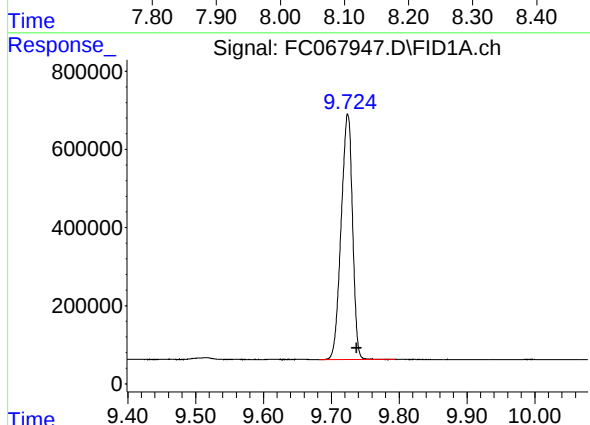
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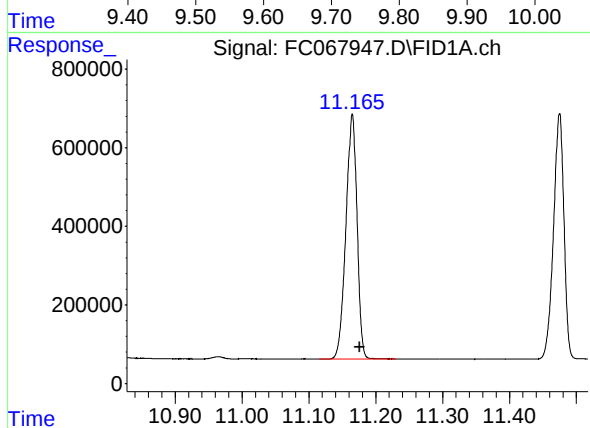
#6 n-Tetradecane (C14)

R.T.: 8.126 min
Delta R.T.: -0.013 min
Response: 7444131
Conc: 44.45 ug/ml



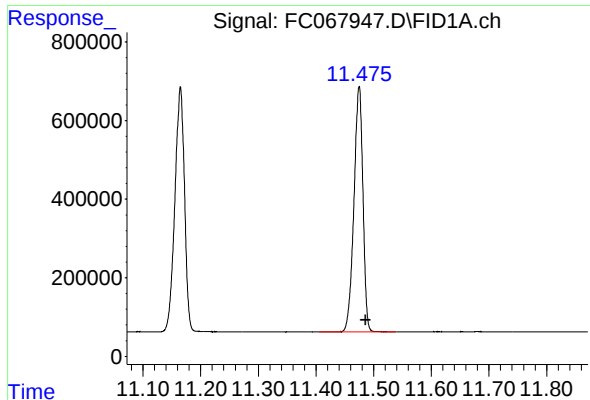
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.013 min
Response: 7323780
Conc: 42.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.165 min
Delta R.T.: -0.011 min
Response: 7231222
Conc: 41.10 ug/ml



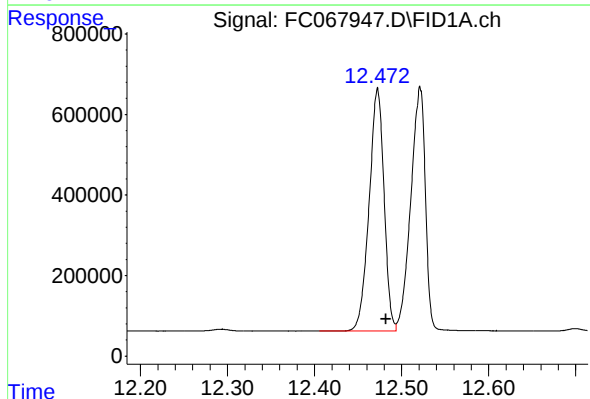
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.012 min
Response: 6783868
Conc: 34.99 ug/ml

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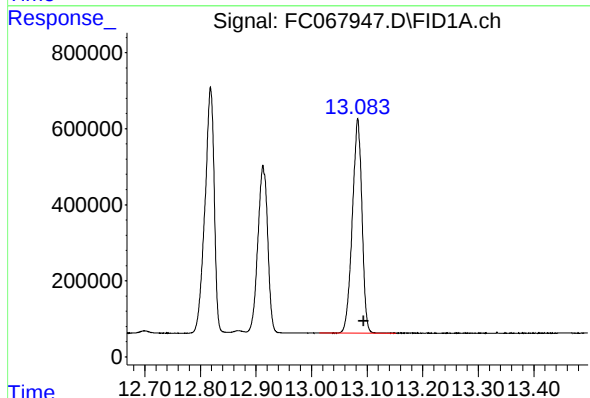
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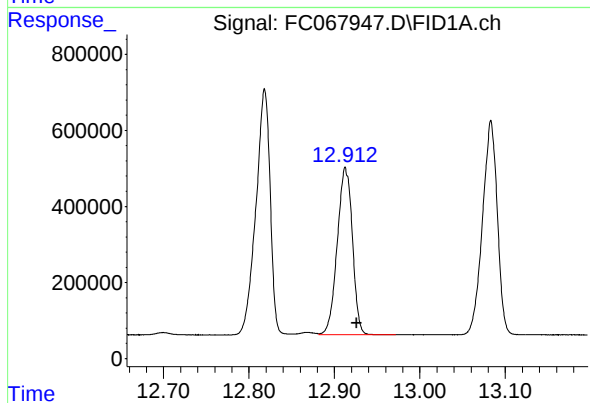
#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: -0.010 min
Response: 7159917
Conc: 42.52 ug/ml



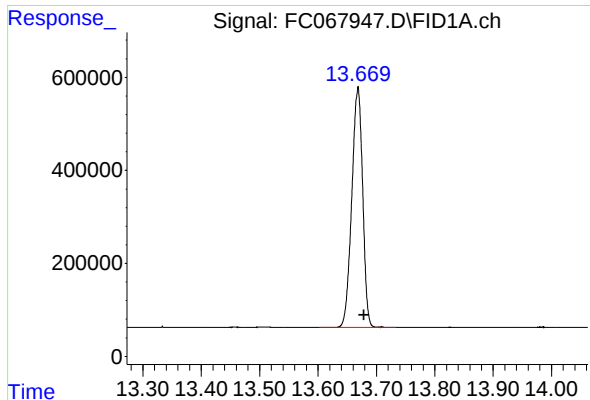
#11 n-Heneicosane (C21)

R.T.: 13.083 min
Delta R.T.: -0.010 min
Response: 6787007
Conc: 41.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.913 min
Delta R.T.: -0.013 min
Response: 5424857
Conc: 37.37 ug/ml



#13 n-Docosane (C22)

R.T.: 13.668 min
Delta R.T.: -0.010 min
Response: 6668674
Conc: 40.95 ug/ml

Instrument :

FID_C

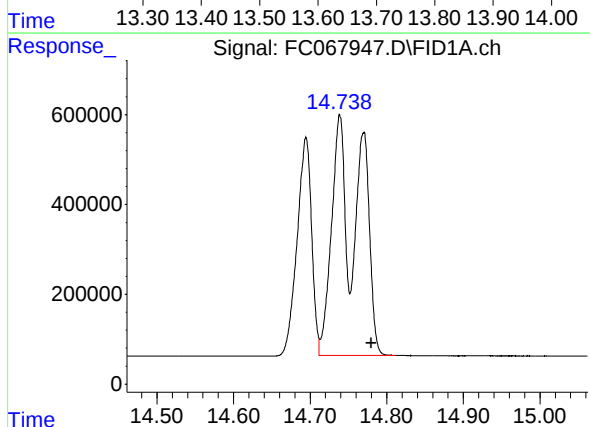
ClientSampleId :

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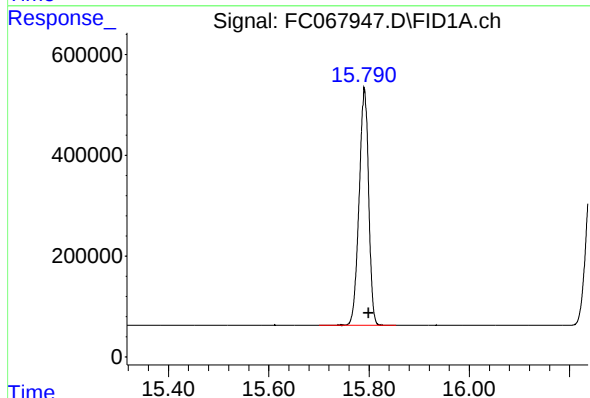
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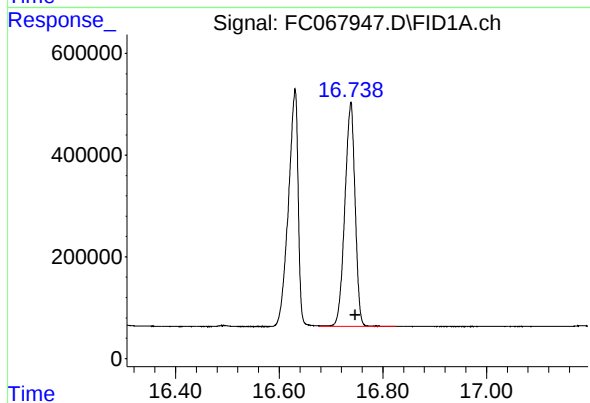
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.042 min
Response: 12925297
Conc: 80.59 ug/ml m



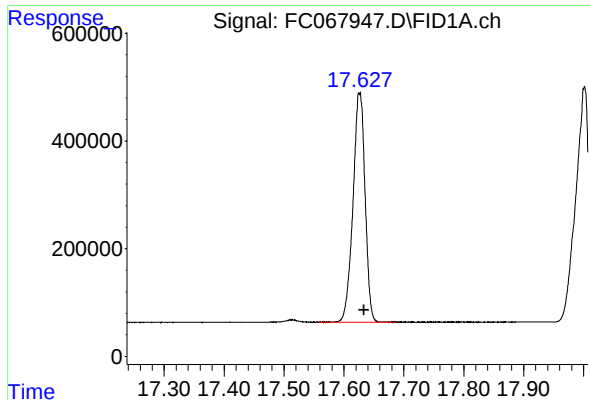
#15 n-Hexacosane (C26)

R.T.: 15.791 min
Delta R.T.: -0.009 min
Response: 6207689
Conc: 40.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: -0.009 min
Response: 6049856
Conc: 40.06 ug/ml



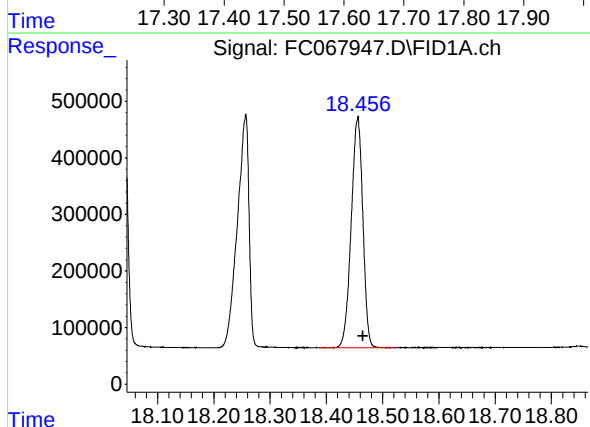
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: -0.007 min
Response: 5969439
Conc: 38.99 ug/ml

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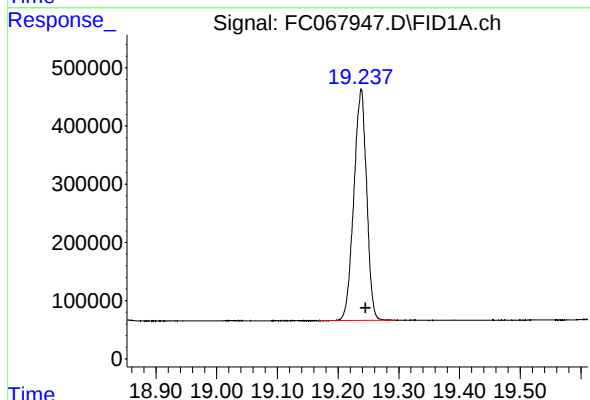
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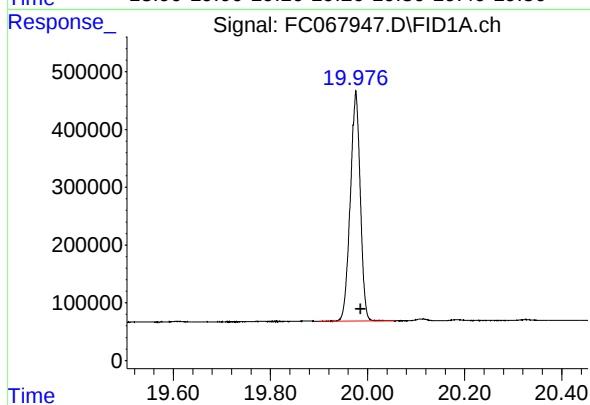
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.009 min
Response: 5839371
Conc: 39.54 ug/ml



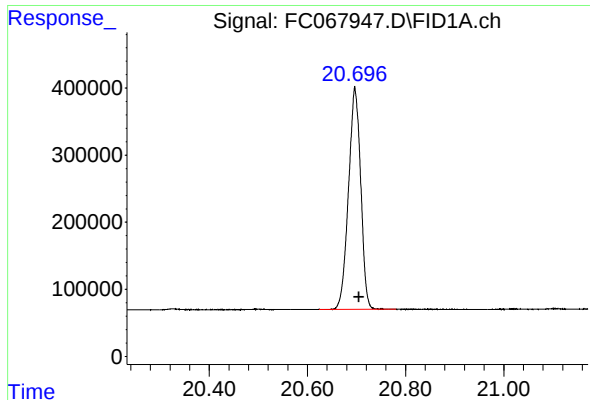
#19 n-Tetratriacontane (C34)

R.T.: 19.238 min
Delta R.T.: -0.008 min
Response: 5819443
Conc: 46.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.976 min
Delta R.T.: -0.010 min
Response: 5682279
Conc: 54.33 ug/ml



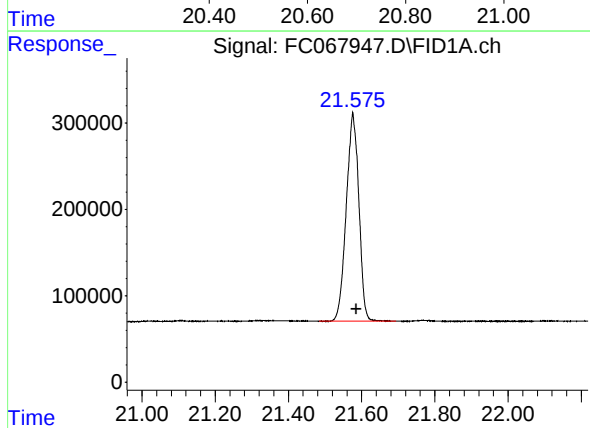
#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.008 min
Response: 5701979
Conc: 58.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.009 min
Response: 5749902
Conc: 58.99 ug/ml