

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011923AL\  
 Data File : FC062722.D  
 Signal(s) : FID1A.ch  
 Acq On : 19 Jan 2023 20:39  
 Operator : YP/AJ  
 Sample : PP21498  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PP21498

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/20/2023  
 Supervised By :Ankita Jodhani 01/20/2023

Integration File: autoint1.e  
 Quant Time: Jan 20 00:22:37 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010523.M  
 Quant Title : GC Extractables  
 Qlast Update : Thu Jan 05 04:54:00 2023  
 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    |        |          |               |
| Target Compounds               |        |          |               |
| 1) T n-Nonane (C9)             | 3.343  | 11693002 | 87.442 ug/ml  |
| 2) T n-Decane (C10)            | 4.398  | 11716600 | 90.340 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.973  | 12942753 | 88.076 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.407  | 11799870 | 91.812 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.029  | 12151859 | 88.883 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.204  | 11599822 | 90.111 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.804  | 11815199 | 91.490 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.247 | 11772832 | 90.911 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.558 | 11405824 | 92.420 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.167 | 11045614 | 90.120 ug/ml  |
| 13) T n-Docosane (C22)         | 13.755 | 10900668 | 91.180 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.855 | 6793570  | 58.333 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.878 | 10404201 | 92.612 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.825 | 10297977 | 93.789 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.716 | 10158125 | 93.800 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.543 | 10188390 | 93.325 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.324 | 10265129 | 94.419 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.063 | 9972868  | 89.657 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.796 | 9945741  | 93.913 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.700 | 9966496  | 93.586 ug/ml  |
| -----                          |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : PP21498  
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ALS Vial : 13 Sample Multiplier: 1

## Instrument :

FID\_C

ClientSampleId :

PP21498

## Manual Integrations

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Integration File: autoint1.e

Quant Time: Jan 20 00:22:37 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010523.M

Quant Title : GC Extractables

QLast Update : Thu Jan 05 04:54:00 2023

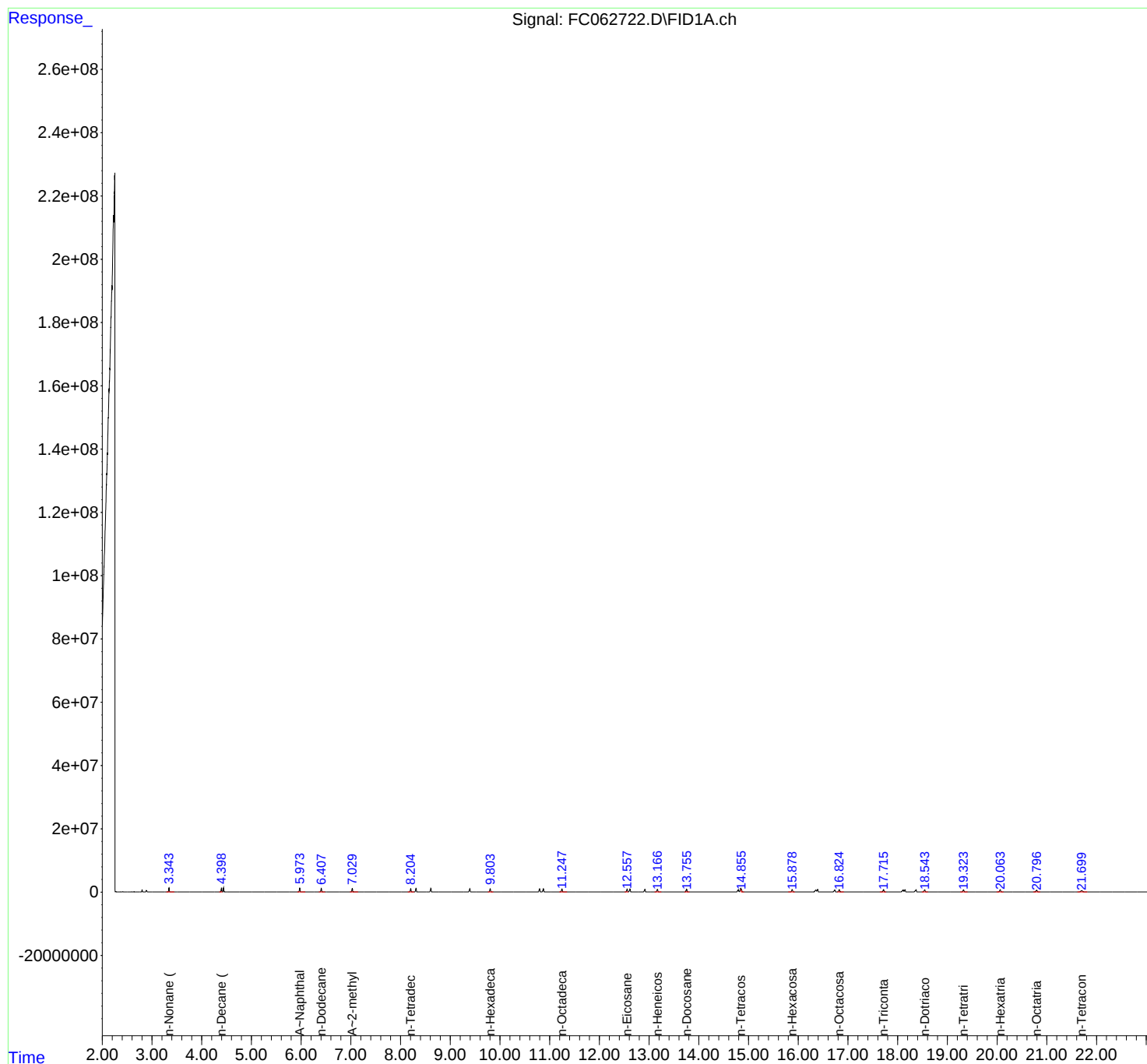
Response via : Initial Calibration

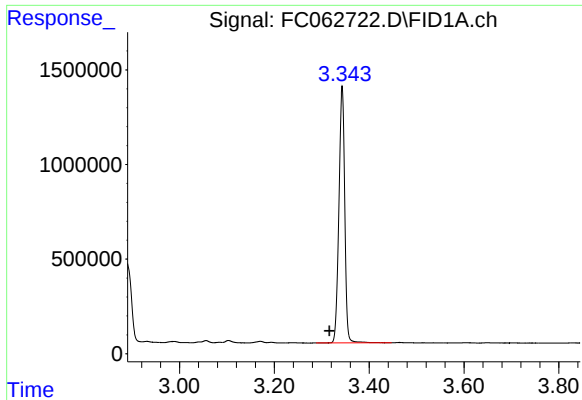
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





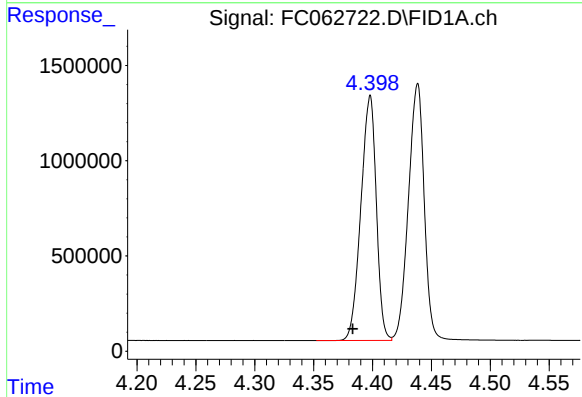
#1 n-Nonane (C9)

R.T.: 3.343 min  
Delta R.T.: 0.027 min  
Response: 11693002  
Conc: 87.44 ug/ml

Instrument :  
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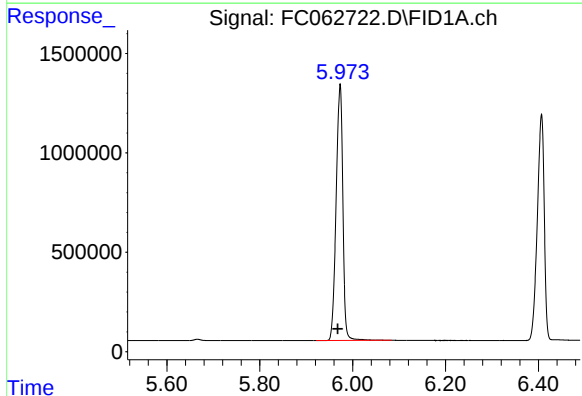
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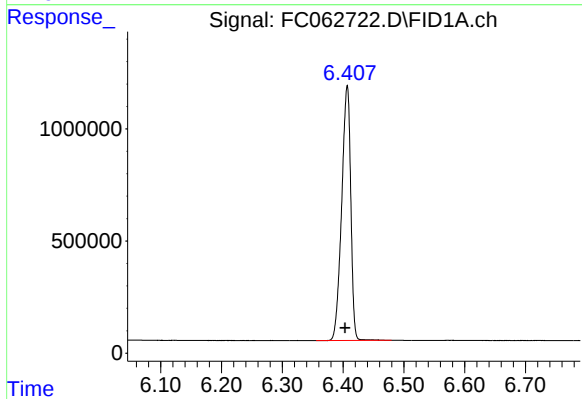
#2 n-Decane (C10)

R.T.: 4.398 min  
Delta R.T.: 0.015 min  
Response: 11716600  
Conc: 90.34 ug/ml



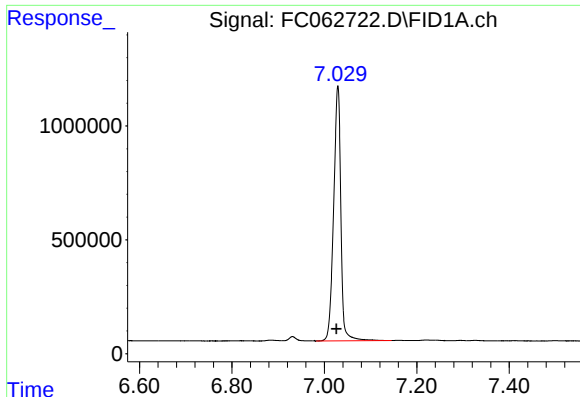
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min  
Delta R.T.: 0.005 min  
Response: 12942753  
Conc: 88.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.407 min  
Delta R.T.: 0.003 min  
Response: 11799870  
Conc: 91.81 ug/ml



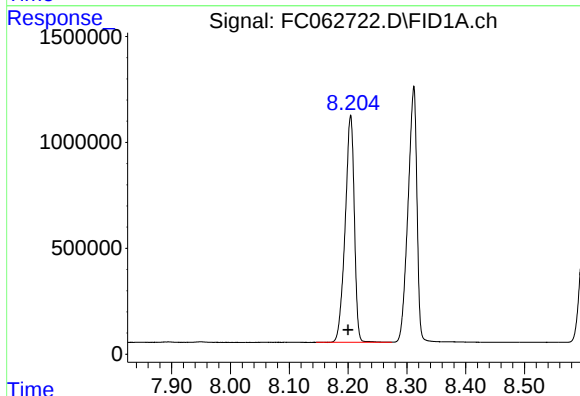
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.029 min  
Delta R.T.: 0.003 min  
Response: 12151859  
Conc: 88.88 ug/ml

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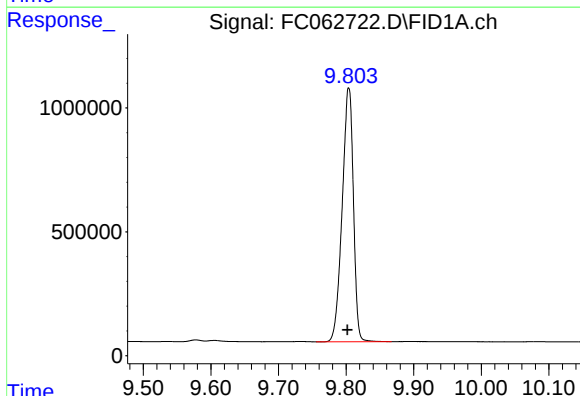
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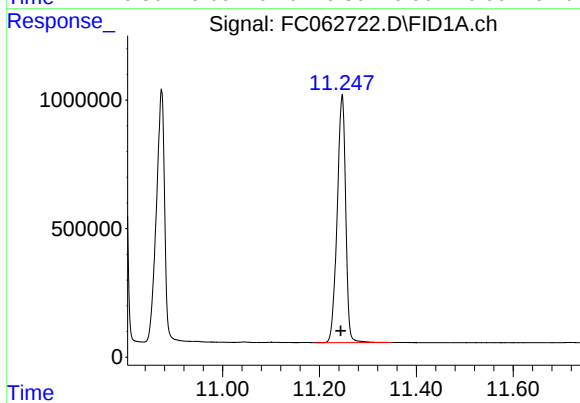
#6 n-Tetradecane (C14)

R.T.: 8.204 min  
Delta R.T.: 0.004 min  
Response: 11599822  
Conc: 90.11 ug/ml



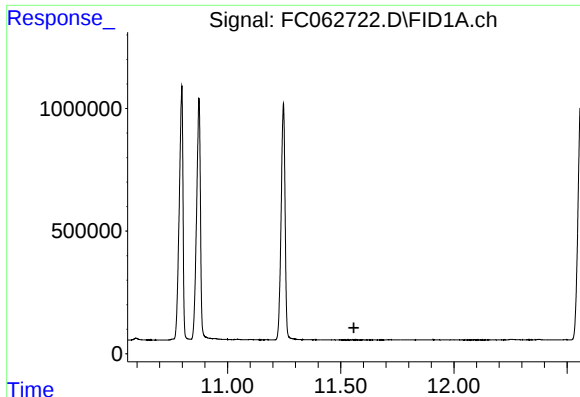
#7 n-Hexadecane (C16)

R.T.: 9.804 min  
Delta R.T.: 0.002 min  
Response: 11815199  
Conc: 91.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.247 min  
Delta R.T.: 0.003 min  
Response: 11772832  
Conc: 90.91 ug/ml



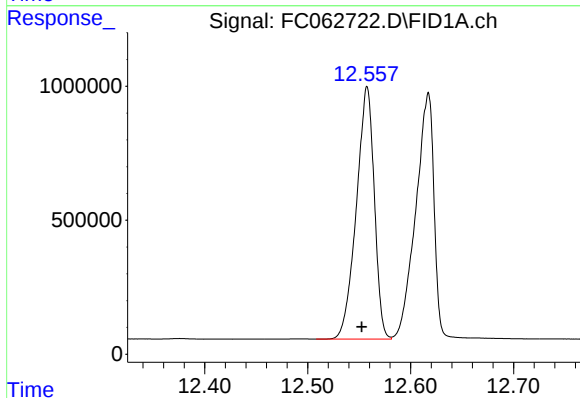
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 11.558 min  
Response: 0  
Conc: N.D.

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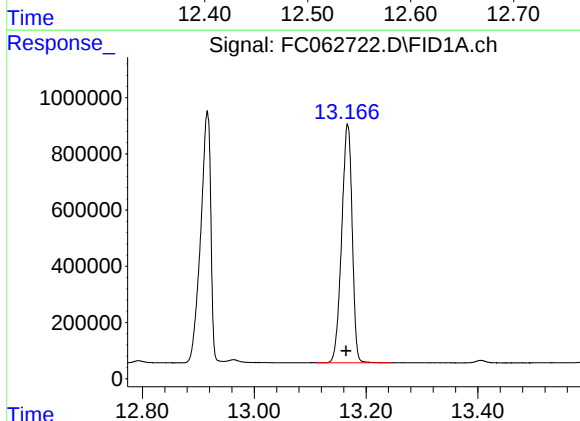
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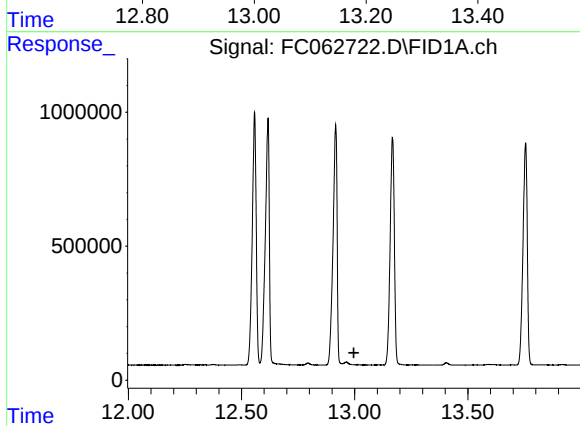
#10 n-Eicosane (C20)

R.T.: 12.558 min  
Delta R.T.: 0.005 min  
Response: 11405824  
Conc: 92.42 ug/ml



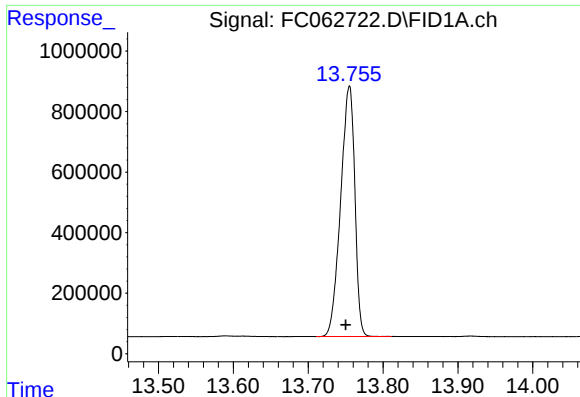
#11 n-Heneicosane (C21)

R.T.: 13.167 min  
Delta R.T.: 0.003 min  
Response: 11045614  
Conc: 90.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min  
Exp R.T.: 12.997 min  
Response: 0  
Conc: N.D.



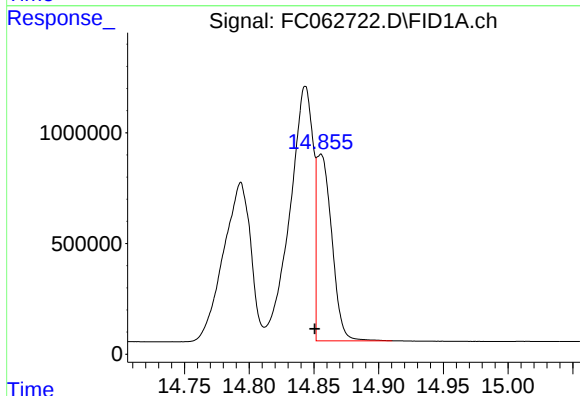
#13 n-Docosane (C22)

R.T.: 13.755 min  
Delta R.T.: 0.005 min  
Response: 10900668  
Conc: 91.18 ug/ml

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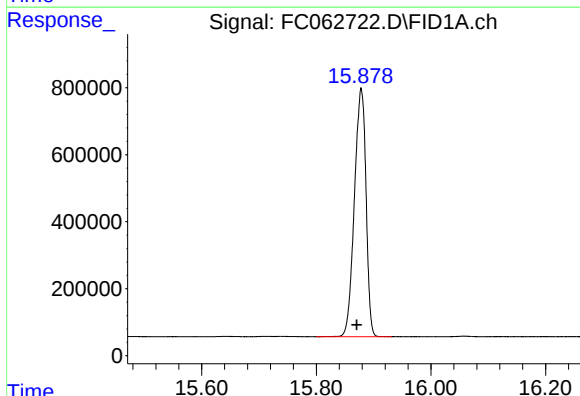
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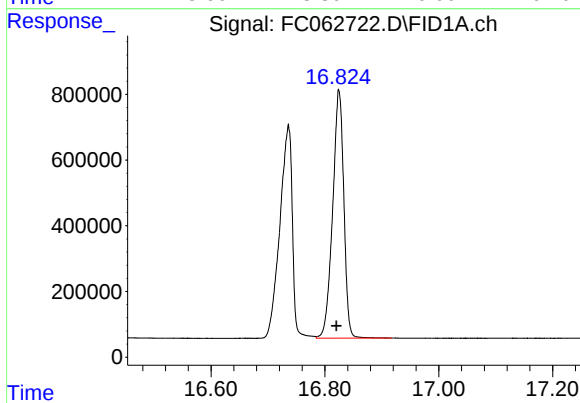
#14 n-Tetracosane (C24)

R.T.: 14.855 min  
Delta R.T.: 0.005 min  
Response: 6793570  
Conc: 58.33 ug/ml m



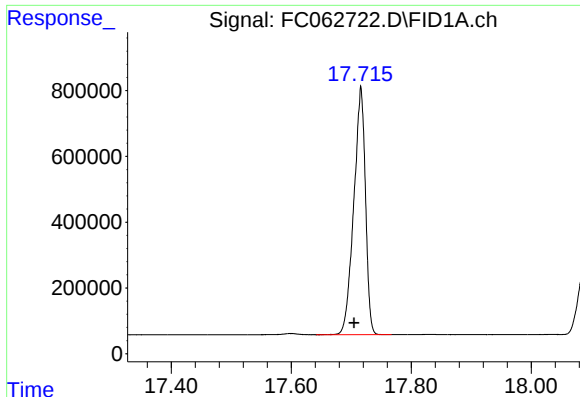
#15 n-Hexacosane (C26)

R.T.: 15.878 min  
Delta R.T.: 0.008 min  
Response: 10404201  
Conc: 92.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.825 min  
Delta R.T.: 0.005 min  
Response: 10297977  
Conc: 93.79 ug/ml



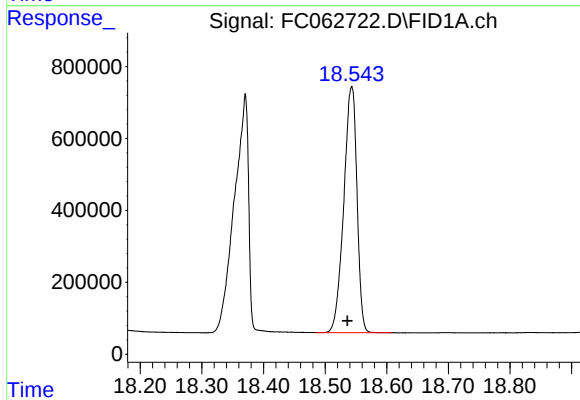
#17 n-Tricontane (C30)

R.T.: 17.716 min  
Delta R.T.: 0.011 min  
Response: 10158125  
Conc: 93.80 ug/ml

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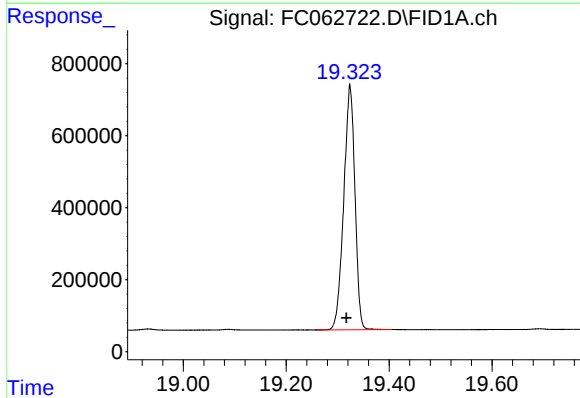
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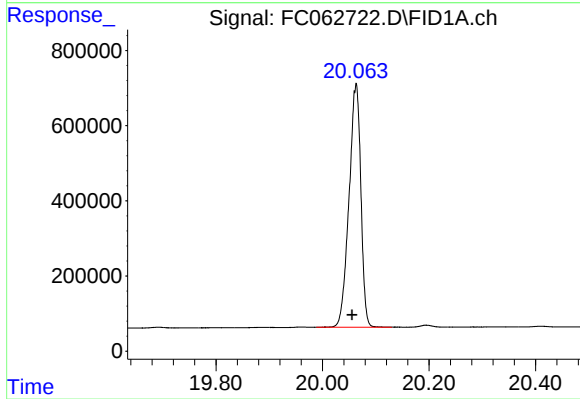
#18 n-Dotriacontane (C32)

R.T.: 18.543 min  
Delta R.T.: 0.007 min  
Response: 10188390  
Conc: 93.32 ug/ml



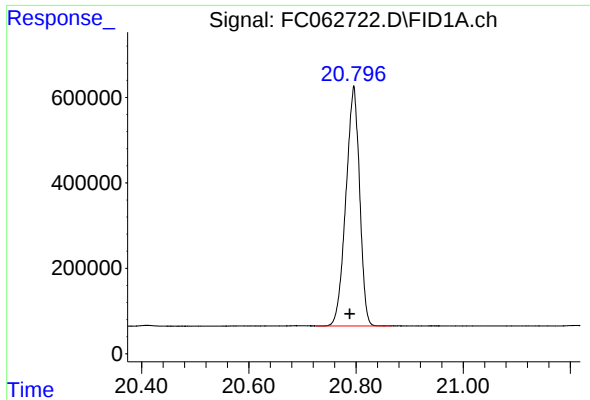
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min  
Delta R.T.: 0.007 min  
Response: 10265129  
Conc: 94.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.063 min  
Delta R.T.: 0.007 min  
Response: 9972868  
Conc: 89.66 ug/ml



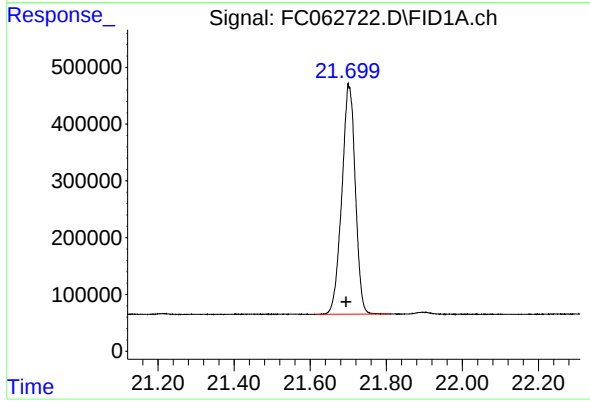
#21 n-Octatriacontane (C38)

R.T.: 20.796 min  
Delta R.T.: 0.008 min  
Response: 9945741  
Conc: 93.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.700 min  
Delta R.T.: 0.006 min  
Response: 9966496  
Conc: 93.59 ug/ml