

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121322AL\  
 Data File : FC062419.D  
 Signal(s) : FID1A.ch  
 Acq On : 13 Dec 2022 19:43  
 Operator : YP/AJ  
 Sample : N6024-01MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 TP-QMS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/14/2022  
 Supervised By :Ankita Jodhani 12/14/2022

Integration File: autoint1.e  
 Quant Time: Dec 14 04:30:22 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 08 01:05:24 2022  
 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)    | 11.576 | 5783723    | 41.001 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 82.00%        |
| 12) S 1-chlorooctadecane (S... | 13.015 | 4523714    | 42.443 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 84.89%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.326  | 2592602    | 20.158 ug/ml  |
| 2) T n-Decane (C10)            | 4.393  | 2748383    | 22.093 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.981  | 6047273    | 42.616 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.415  | 2783623    | 22.223 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.040  | 5721673    | 44.499 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.214  | 2638267    | 21.663 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.815  | 2669555    | 21.269 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.259 | 2608165    | 20.416 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.569 | 2392564    | 19.234 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.180 | 2303268    | 18.639 ug/ml  |
| 13) T n-Docosane (C22)         | 13.767 | 2178613    | 17.935 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.868 | 1254196    | 10.463 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.891 | 1834401    | 15.791 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.838 | 1799291    | 15.831 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.727 | 1650580    | 14.764 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.555 | 1832740    | 16.494 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.339 | 3014510    | 27.865 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.079 | 5269121    | 51.900 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.819 | 7818792    | 76.423 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.743 | 9810999    | 96.806 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 13 Dec 2022 19:43  
Operator : YP/AJ  
Sample : N6024-01MS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

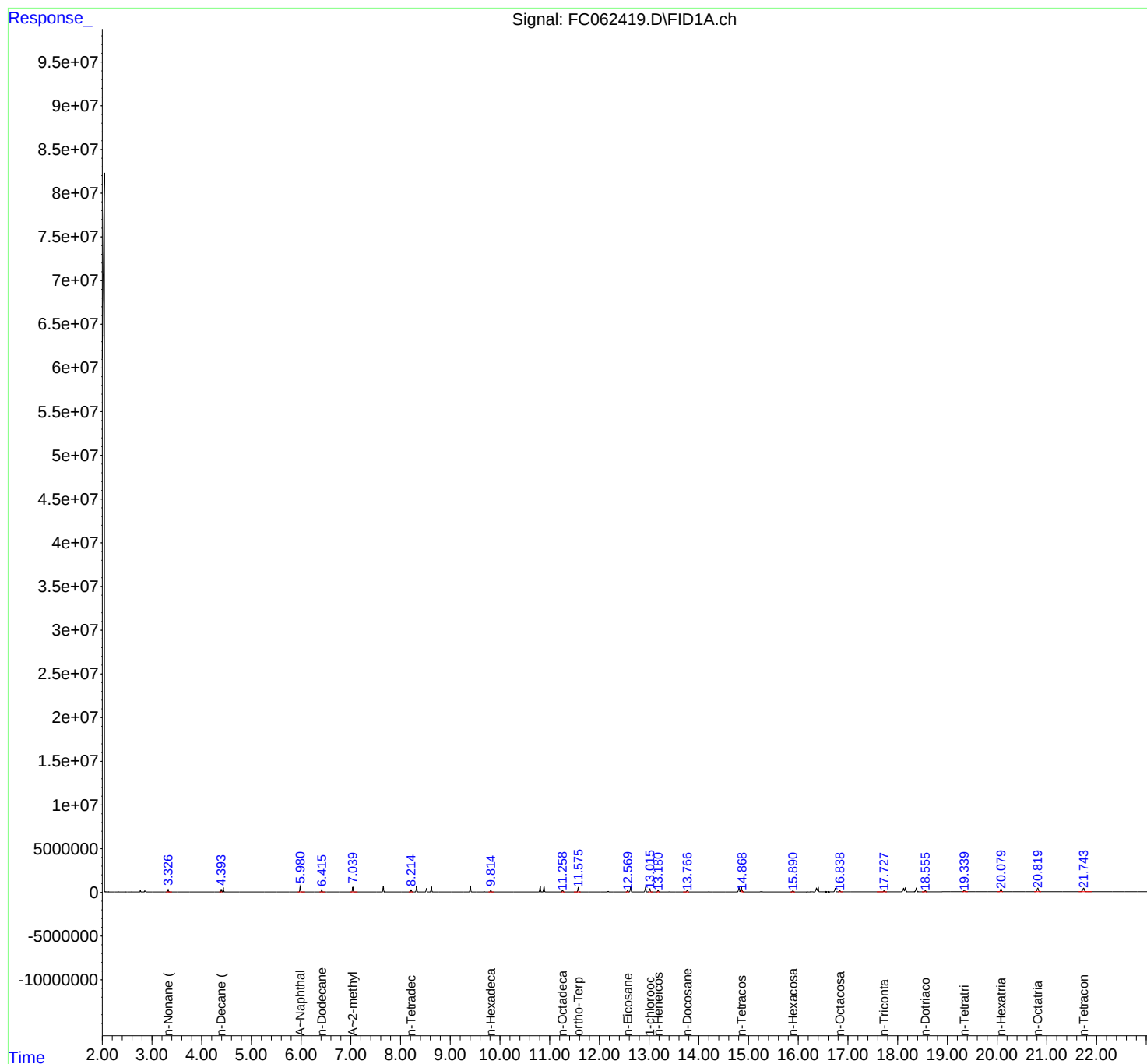
Instrument :  
FID\_C  
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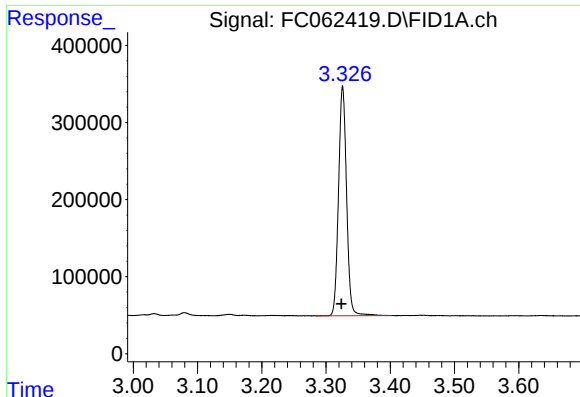
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Quant Time: Dec 14 04:30:22 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 08 01:05:24 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.326 min  
Delta R.T.: 0.002 min  
Response: 2592602  
Conc: 20.16 ug/ml

Instrument :

FID\_C

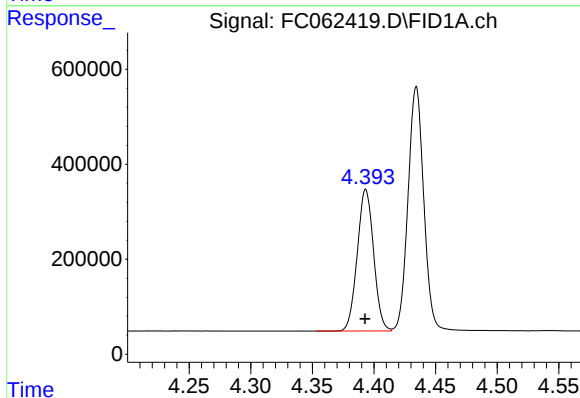
ClientSampleId :

TP-QMS

Manual Integrations

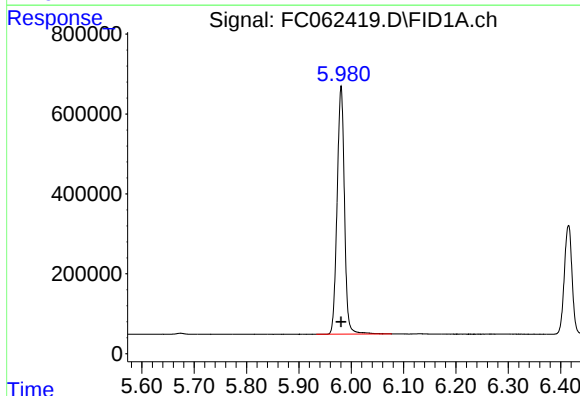
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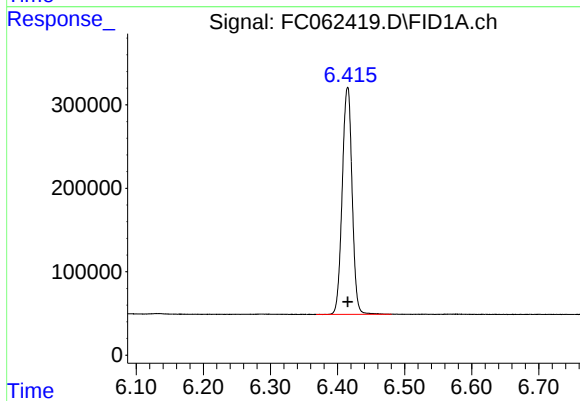
#2 n-Decane (C10)

R.T.: 4.393 min  
Delta R.T.: 0.000 min  
Response: 2748383  
Conc: 22.09 ug/ml



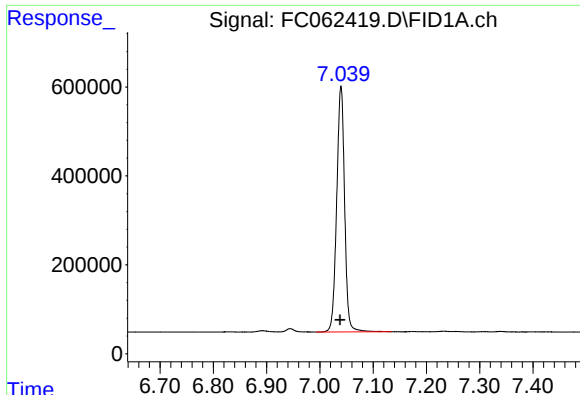
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min  
Delta R.T.: 0.000 min  
Response: 6047273  
Conc: 42.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 2783623  
Conc: 22.22 ug/ml



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

R.T.: 7.040 min  
Delta R.T.: 0.002 min  
Response: 5721673  
Conc: 44.50 ug/ml

Instrument :

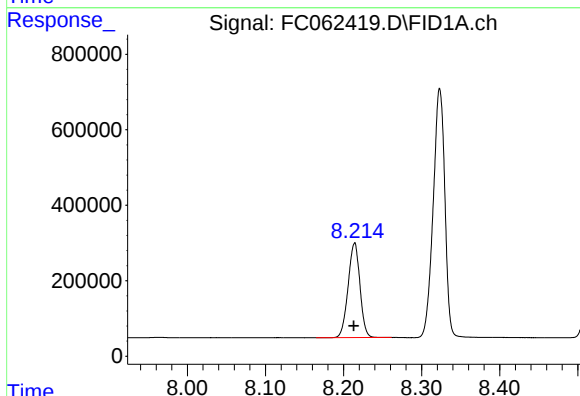
FID\_C

ClientSampleId :

TP-QMS

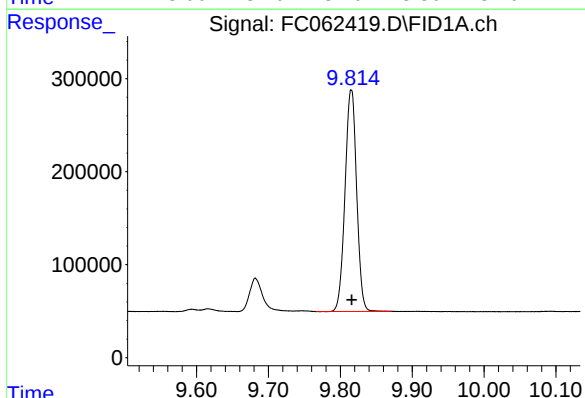
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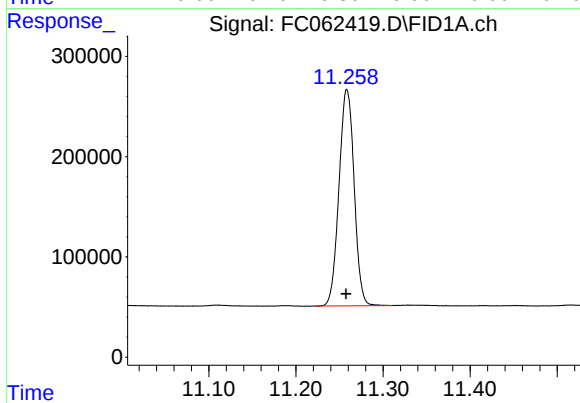
#6 n-Tetradecane (C14)

R.T.: 8.214 min  
Delta R.T.: 0.001 min  
Response: 2638267  
Conc: 21.66 ug/ml



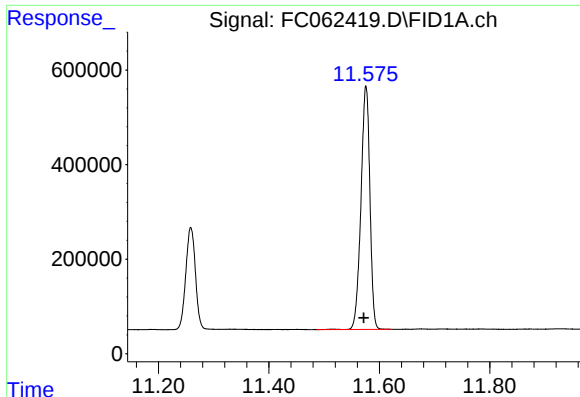
#7 n-Hexadecane (C16)

R.T.: 9.815 min  
Delta R.T.: 0.000 min  
Response: 2669555  
Conc: 21.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.259 min  
Delta R.T.: 0.000 min  
Response: 2608165  
Conc: 20.42 ug/ml



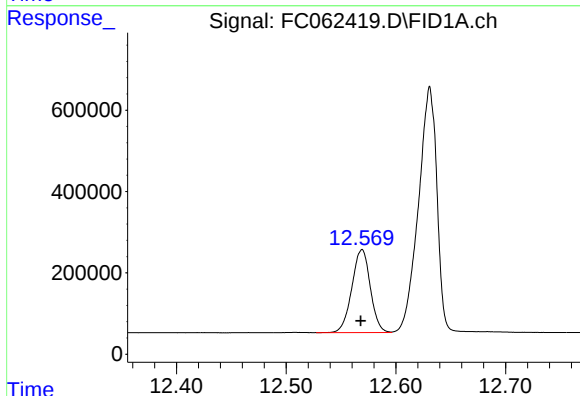
#9 ortho-Terphenyl (SURR)

R.T.: 11.576 min  
Delta R.T.: 0.004 min  
Response: 5783723  
Conc: 41.00 ug/ml

Instrument :  
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ClientSampleId :  
TP-QMS

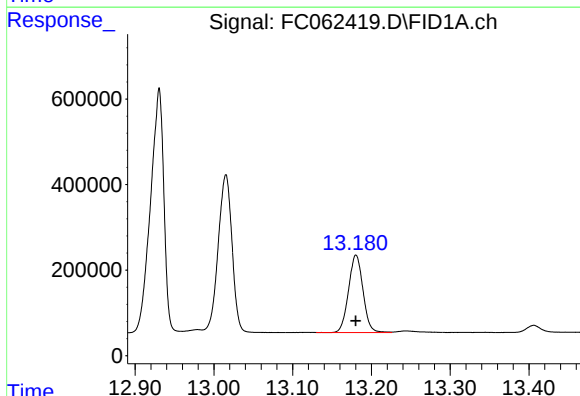
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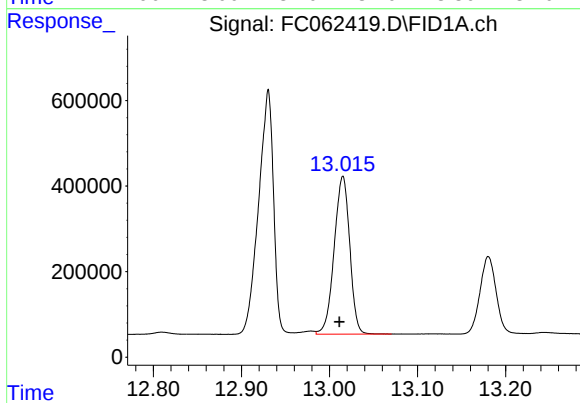
#10 n-Eicosane (C20)

R.T.: 12.569 min  
Delta R.T.: 0.001 min  
Response: 2392564  
Conc: 19.23 ug/ml



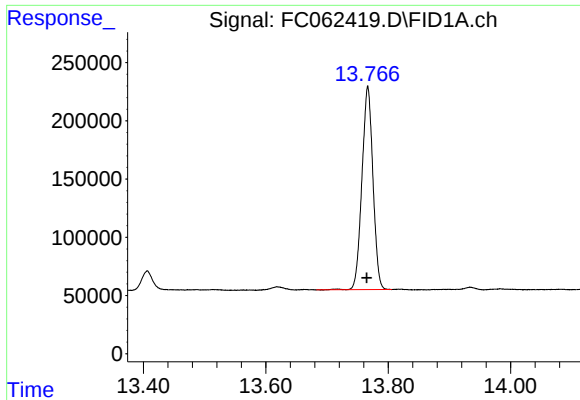
#11 n-Heneicosane (C21)

R.T.: 13.180 min  
Delta R.T.: 0.000 min  
Response: 2303268  
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min  
Delta R.T.: 0.004 min  
Response: 4523714  
Conc: 42.44 ug/ml



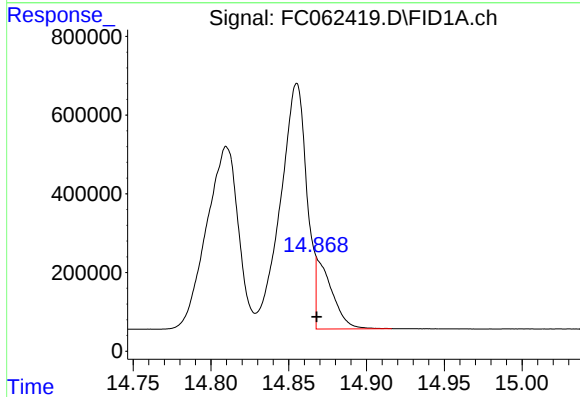
#13 n-Docosane (C22)

R.T.: 13.767 min  
Delta R.T.: 0.002 min  
Response: 2178613  
Conc: 17.93 ug/ml

Instrument :  
FID\_C  
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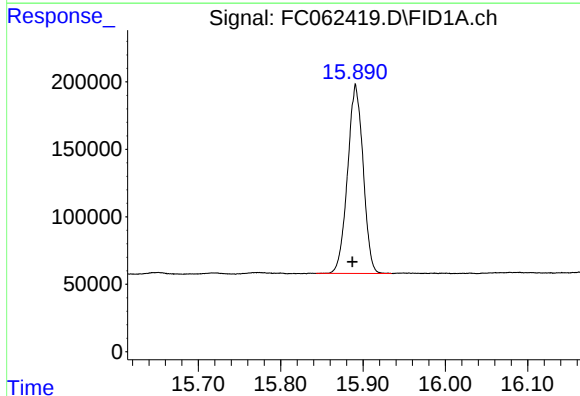
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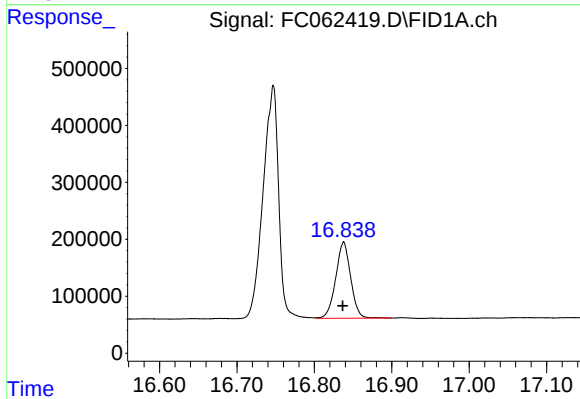
#14 n-Tetracosane (C24)

R.T.: 14.868 min  
Delta R.T.: 0.000 min  
Response: 1254196  
Conc: 10.46 ug/ml m



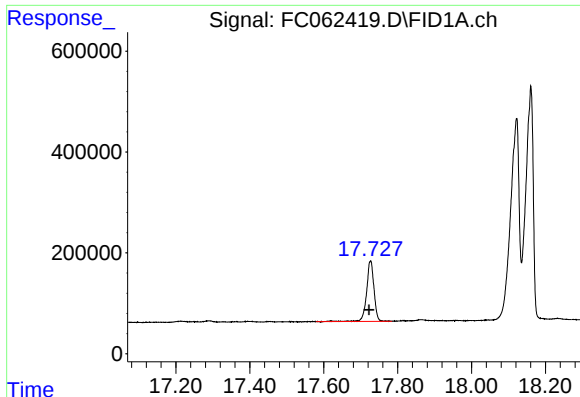
#15 n-Hexacosane (C26)

R.T.: 15.891 min  
Delta R.T.: 0.004 min  
Response: 1834401  
Conc: 15.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.838 min  
Delta R.T.: 0.001 min  
Response: 1799291  
Conc: 15.83 ug/ml



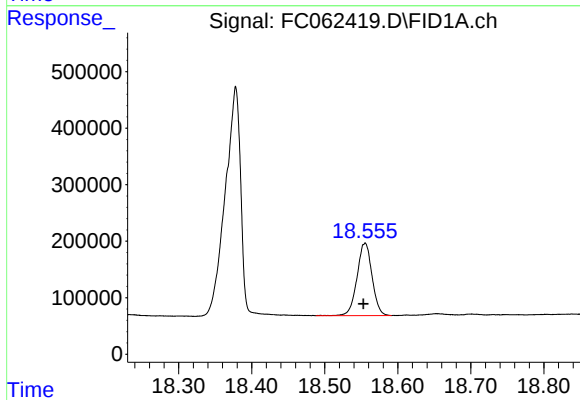
#17 n-Tricontane (C30)

R.T.: 17.727 min  
Delta R.T.: 0.004 min  
Response: 1650580  
Conc: 14.76 ug/ml

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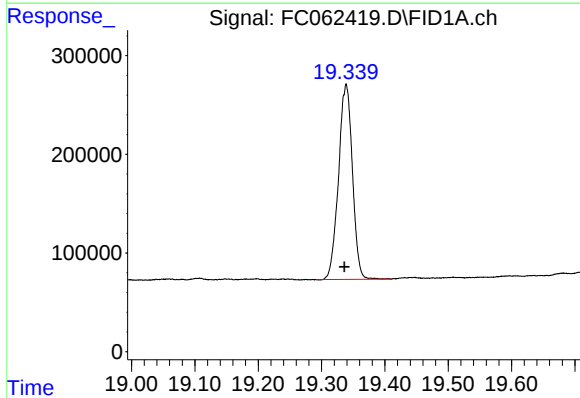
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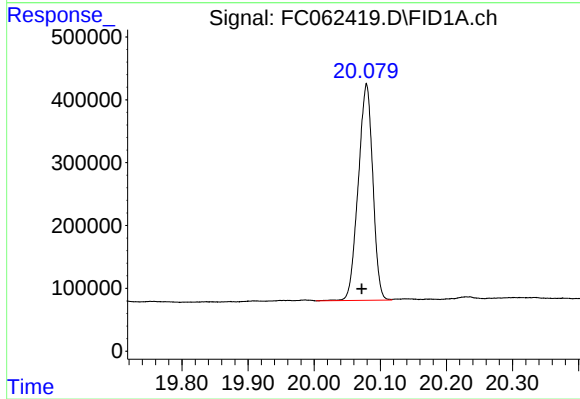
#18 n-Dotriacontane (C32)

R.T.: 18.555 min  
Delta R.T.: 0.002 min  
Response: 1832740  
Conc: 16.49 ug/ml



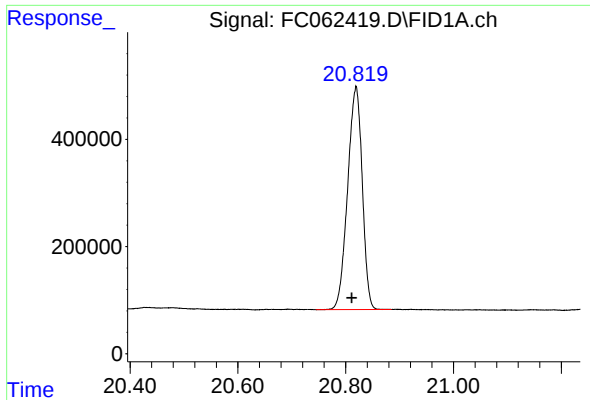
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min  
Delta R.T.: 0.003 min  
Response: 3014510  
Conc: 27.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.079 min  
Delta R.T.: 0.007 min  
Response: 5269121  
Conc: 51.90 ug/ml



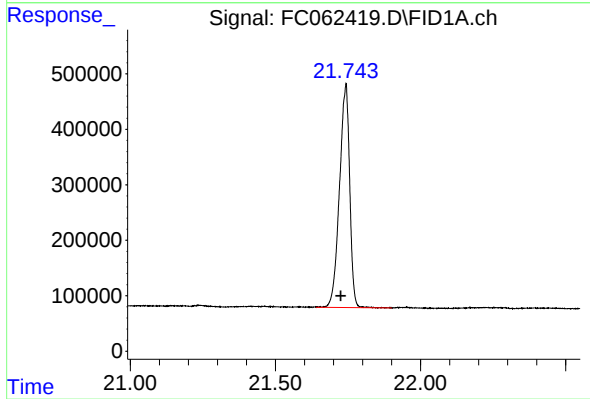
#21 n-Octatriacontane (C38)

R.T.: 20.819 min  
Delta R.T.: 0.008 min  
Response: 7818792  
Conc: 76.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.743 min  
Delta R.T.: 0.018 min  
Response: 9810999  
Conc: 96.81 ug/ml