

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022124AL\  
 Data File : FC065810.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Feb 2024 19:56  
 Operator : YP/AJ  
 Sample : P1537-11MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 11MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/22/2024  
 Supervised By :Ankita Jodhani 02/22/2024

Integration File: autoint1.e  
 Quant Time: Feb 22 03:35:07 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 08 13:26:08 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)    | 11.500 | 6234038    | 36.343 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 72.69%        |
| 12) S 1-chlorooctadecane (S... | 12.930 | 5074220    | 40.320 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 80.64%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.292  | 5773592    | 38.430 ug/mlm |
| 2) T n-Decane (C10)            | 4.355  | 6415665    | 42.196 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.937  | 7683845    | 49.827 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.367  | 6905738    | 45.120 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.992  | 7659564    | 53.790 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.157  | 7427723    | 50.030 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.751  | 7883746    | 52.570 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.187 | 8287889    | 53.729 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.491 | 8327167    | 55.375 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.098 | 8100107    | 54.161 ug/ml  |
| 13) T n-Docosane (C22)         | 13.682 | 8035282    | 54.172 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.778 | 17746393   | 119.356 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.797 | 8000249    | 53.987 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.740 | 8360619    | 56.979 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.626 | 8226319    | 54.800 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.451 | 8294595    | 56.088 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.230 | 7801989    | 53.828 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.967 | 7198728    | 50.715 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.685 | 7021377    | 49.603 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.560 | 6842202    | 49.053 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 12 Sample Multiplier: 1

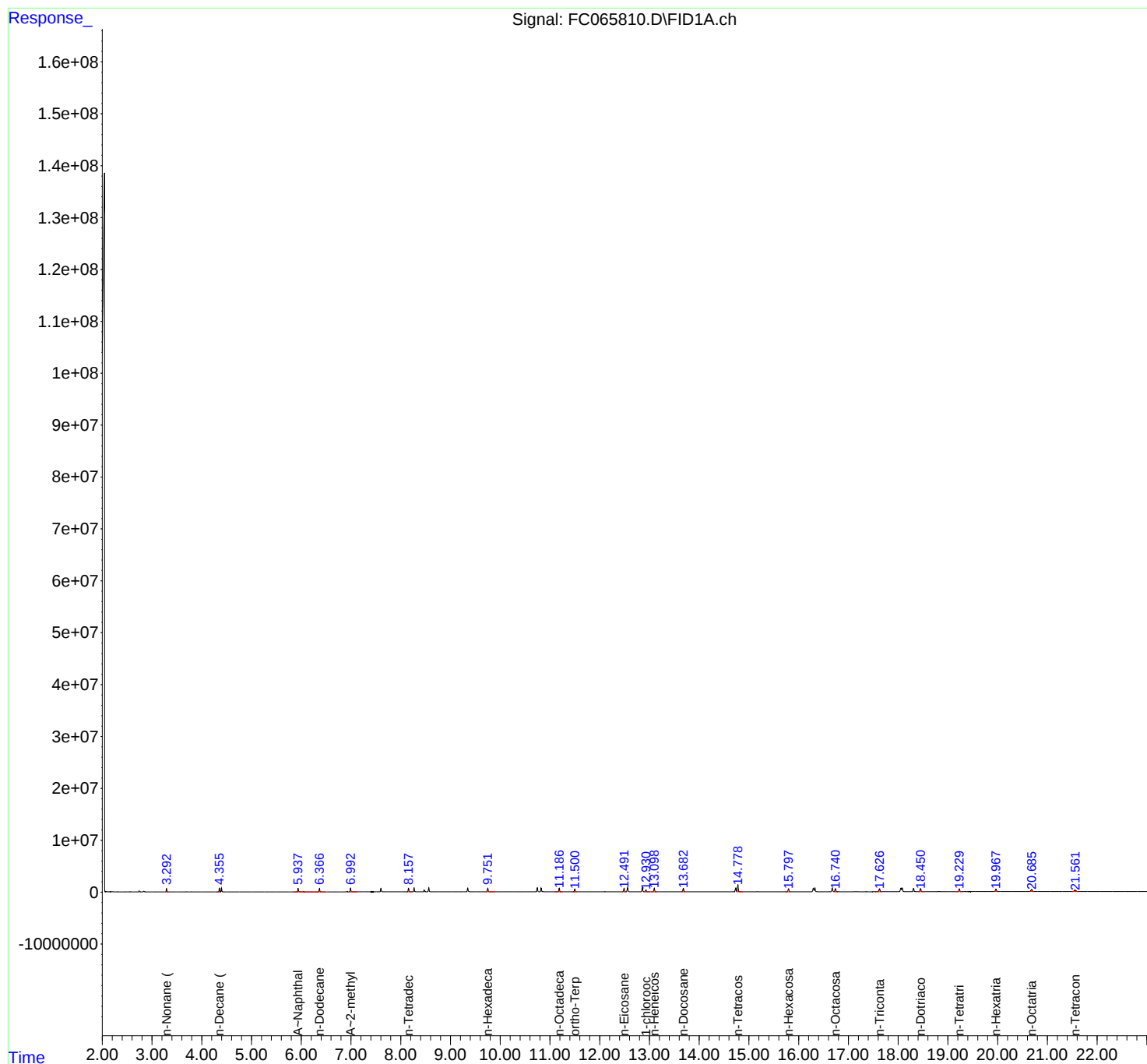
Instrument :  
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ClientSampleId :  
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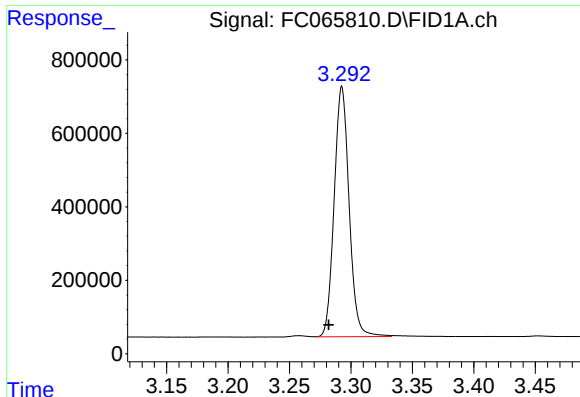
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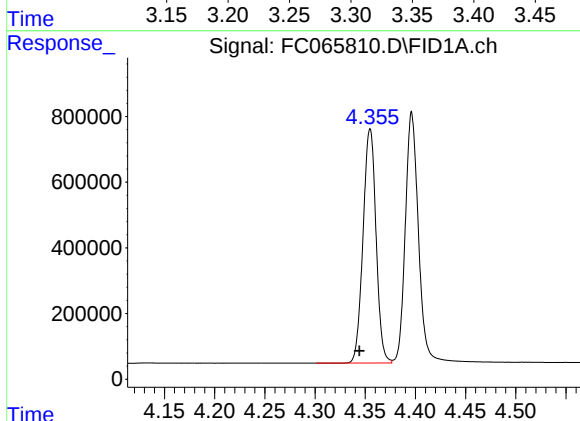
#1 n-Nonane (C9)

R.T.: 3.292 min  
Delta R.T.: 0.010 min  
Response: 5773592  
Conc: 38.43 ug/ml

Instrument :  
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11MSD

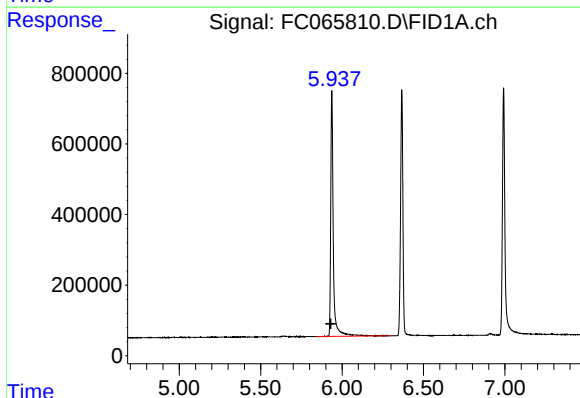
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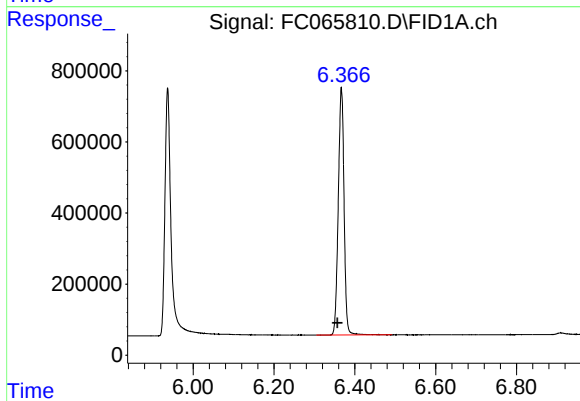
#2 n-Decane (C10)

R.T.: 4.355 min  
Delta R.T.: 0.011 min  
Response: 6415665  
Conc: 42.20 ug/ml



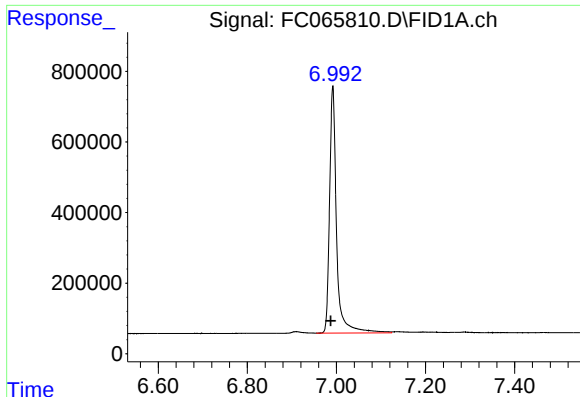
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min  
Delta R.T.: 0.006 min  
Response: 7683845  
Conc: 49.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.367 min  
Delta R.T.: 0.010 min  
Response: 6905738  
Conc: 45.12 ug/ml



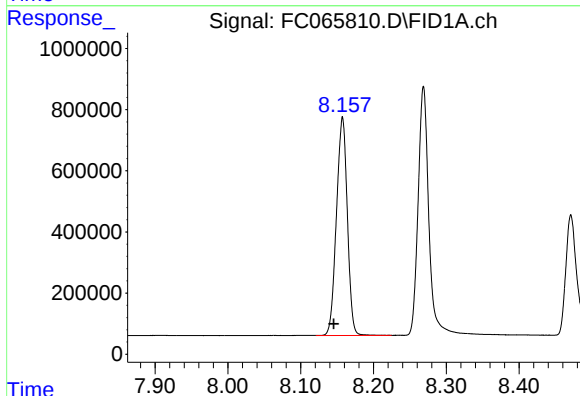
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min  
Delta R.T.: 0.005 min  
Response: 7659564  
Conc: 53.79 ug/ml

Instrument :  
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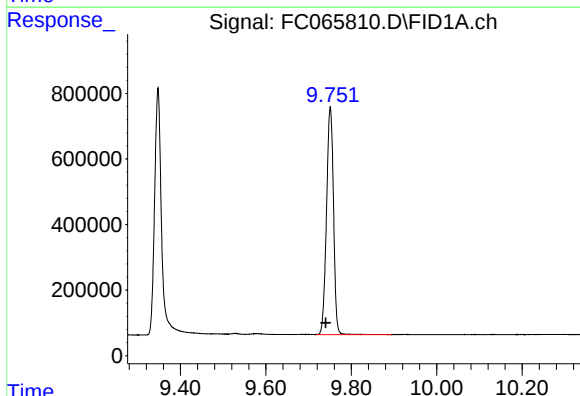
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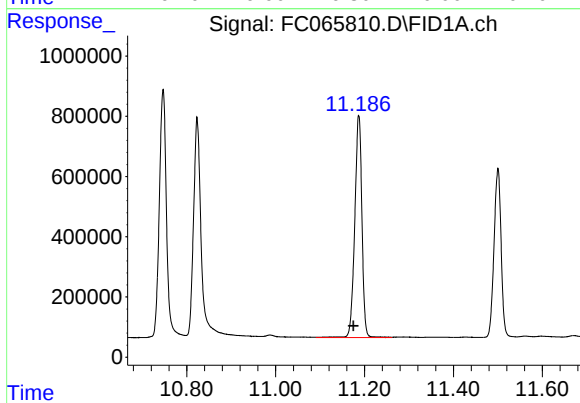
#6 n-Tetradecane (C14)

R.T.: 8.157 min  
Delta R.T.: 0.012 min  
Response: 7427723  
Conc: 50.03 ug/ml



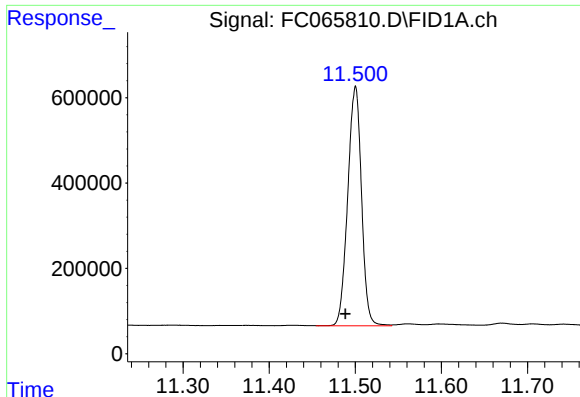
#7 n-Hexadecane (C16)

R.T.: 9.751 min  
Delta R.T.: 0.010 min  
Response: 7883746  
Conc: 52.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.187 min  
Delta R.T.: 0.012 min  
Response: 8287889  
Conc: 53.73 ug/ml



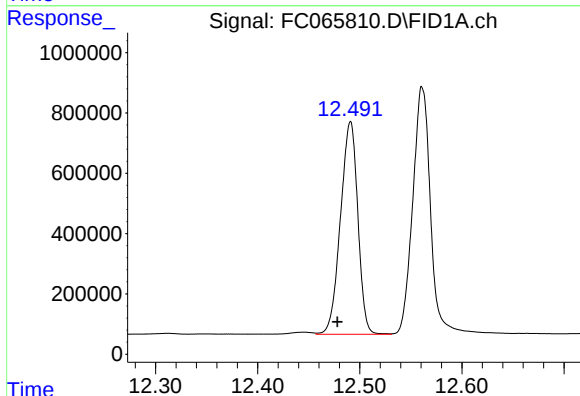
#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min  
Delta R.T.: 0.011 min  
Response: 6234038  
Conc: 36.34 ug/ml

Instrument :  
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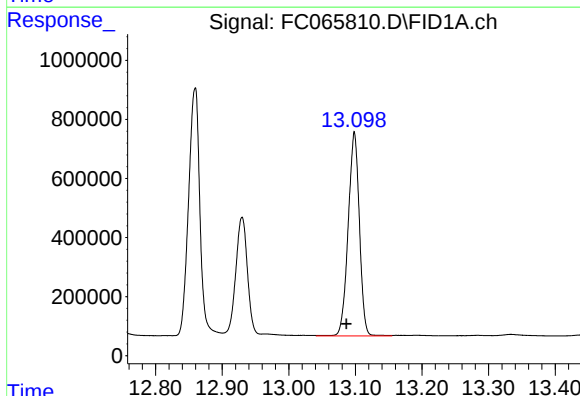
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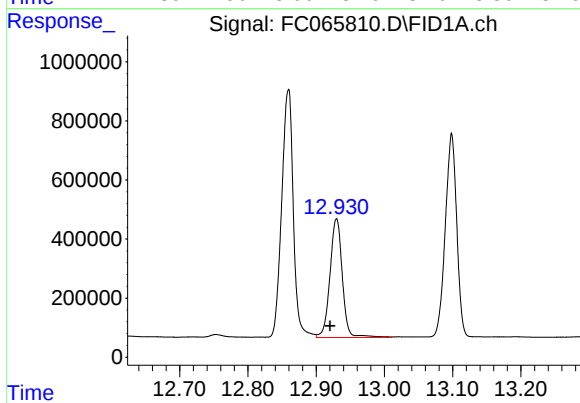
#10 n-Eicosane (C20)

R.T.: 12.491 min  
Delta R.T.: 0.013 min  
Response: 8327167  
Conc: 55.37 ug/ml



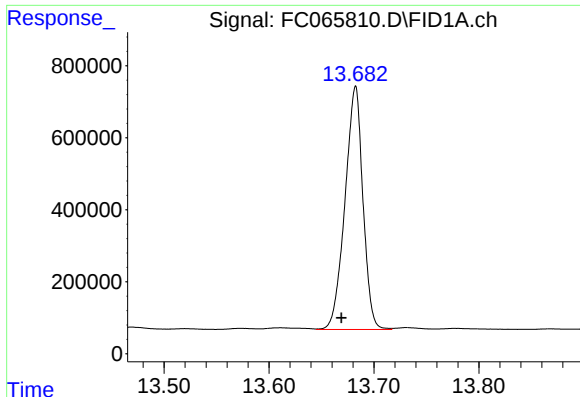
#11 n-Heneicosane (C21)

R.T.: 13.098 min  
Delta R.T.: 0.012 min  
Response: 8100107  
Conc: 54.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min  
Delta R.T.: 0.010 min  
Response: 5074220  
Conc: 40.32 ug/ml



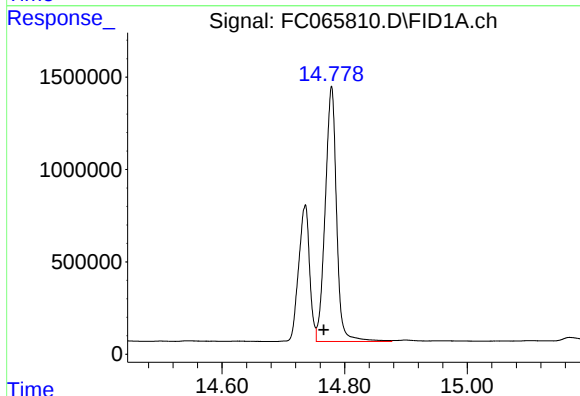
#13 n-Docosane (C22)

R.T.: 13.682 min  
Delta R.T.: 0.013 min  
Response: 8035282  
Conc: 54.17 ug/ml

Instrument :  
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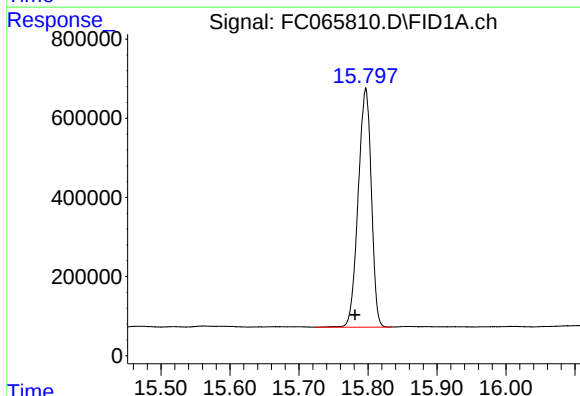
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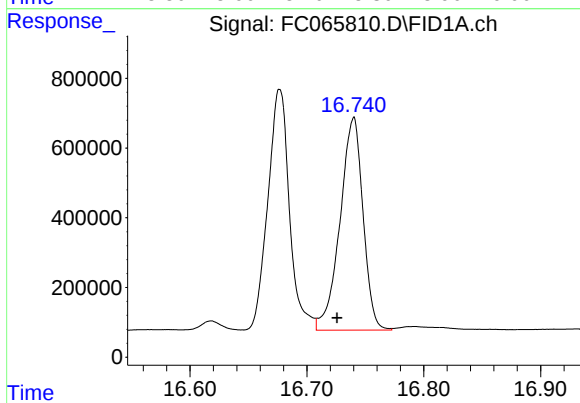
#14 n-Tetracosane (C24)

R.T.: 14.778 min  
Delta R.T.: 0.013 min  
Response: 17746393  
Conc: 119.36 ug/ml



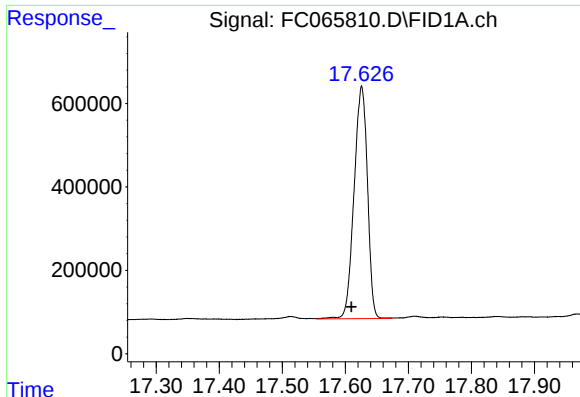
#15 n-Hexacosane (C26)

R.T.: 15.797 min  
Delta R.T.: 0.015 min  
Response: 8000249  
Conc: 53.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.740 min  
Delta R.T.: 0.014 min  
Response: 8360619  
Conc: 56.98 ug/ml



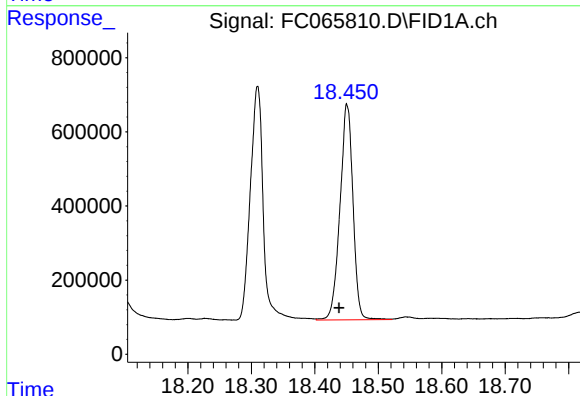
#17 n-Tricontane (C30)

R.T.: 17.626 min  
Delta R.T.: 0.016 min  
Response: 8226319  
Conc: 54.80 ug/ml

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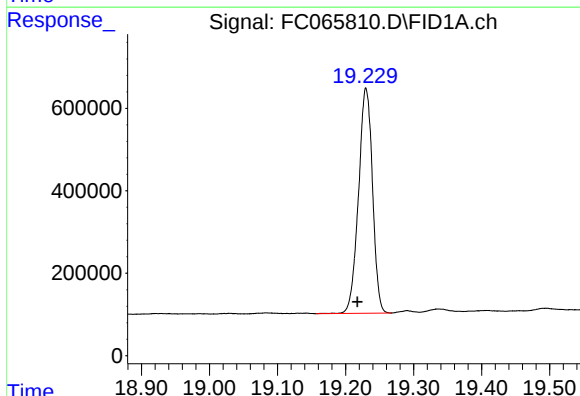
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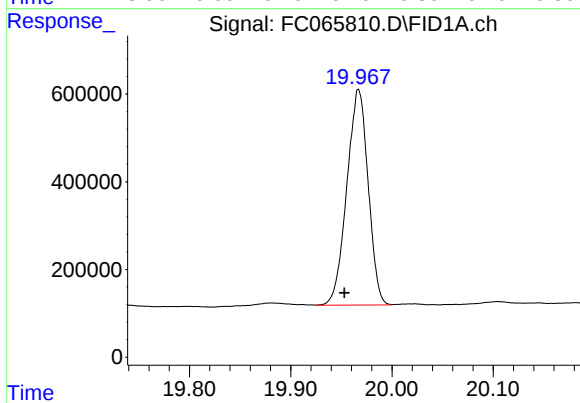
#18 n-Dotriacontane (C32)

R.T.: 18.451 min  
Delta R.T.: 0.013 min  
Response: 8294595  
Conc: 56.09 ug/ml



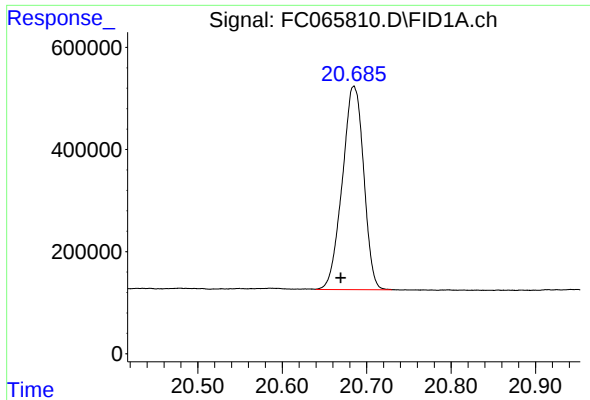
#19 n-Tetratriacontane (C34)

R.T.: 19.230 min  
Delta R.T.: 0.013 min  
Response: 7801989  
Conc: 53.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.967 min  
Delta R.T.: 0.014 min  
Response: 7198728  
Conc: 50.72 ug/ml m



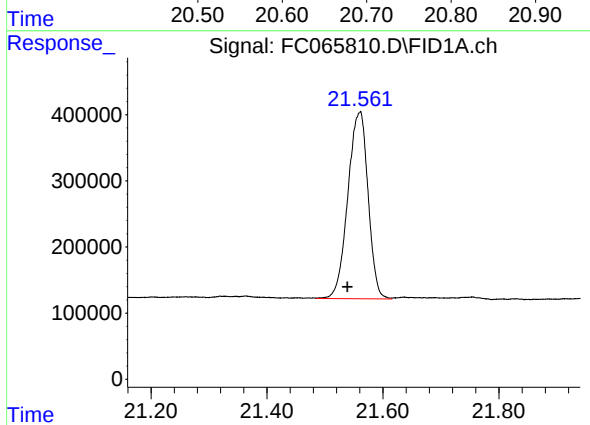
#21 n-Octatriacontane (C38)

R.T.: 20.685 min  
Delta R.T.: 0.016 min  
Response: 7021377  
Conc: 49.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.560 min  
Delta R.T.: 0.021 min  
Response: 6842202  
Conc: 49.05 ug/ml