

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD123021AL\  
 Data File : FD040348.D  
 Signal(s) : FID2B.CH  
 Acq On : 31 Dec 2021 18:13  
 Operator : AJ\MA  
 Sample : M5257-01MSD  
 Misc :  
 ALS Vial : 95 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 D3-12292021MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/03/2022  
 Supervised By :Ankita Jodhani 01/03/2022

Integration File: autoint1.e  
 Quant Time: Jan 03 03:15:33 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 122821.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 29 02:26:30 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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    |        |            |               |
| 12) S 1-chlorooctadecane (S... | 12.122 | 2517682    | 20.877 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 41.75%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.623  | 2461300    | 18.756 ug/mlm |
| 2) T n-Decane (C10)            | 3.618  | 8954202    | 67.647 ug/mlm |
| 4) T n-Dodecane (C12)          | 5.587  | 3743411    | 28.187 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.364  | 4268415    | 30.874 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.953  | 4839388    | 35.294 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.384 | 5005980    | 35.449 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.685 | 4873578    | 34.860 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.293 | 4763717    | 33.669 ug/ml  |
| 13) T n-Docosane (C22)         | 12.876 | 4711908    | 33.575 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.973 | 4565751    | 32.518 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.988 | 4375231    | 31.818 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.933 | 4312927    | 31.705 ug/mlm |
| 17) T n-Tricontane (C30)       | 16.815 | 4484341    | 33.508 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 17.645 | 4108968    | 31.743 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.425 | 4179882    | 34.475 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.161 | 3275955    | 30.740 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.865 | 3167417    | 34.299 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.691 | 3202996    | 41.135 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 31 Dec 2021 18:13  
Operator : AJ\MA  
Sample : M5257-01MSD  
Misc :  
ALS Vial : 95 Sample Multiplier: 1

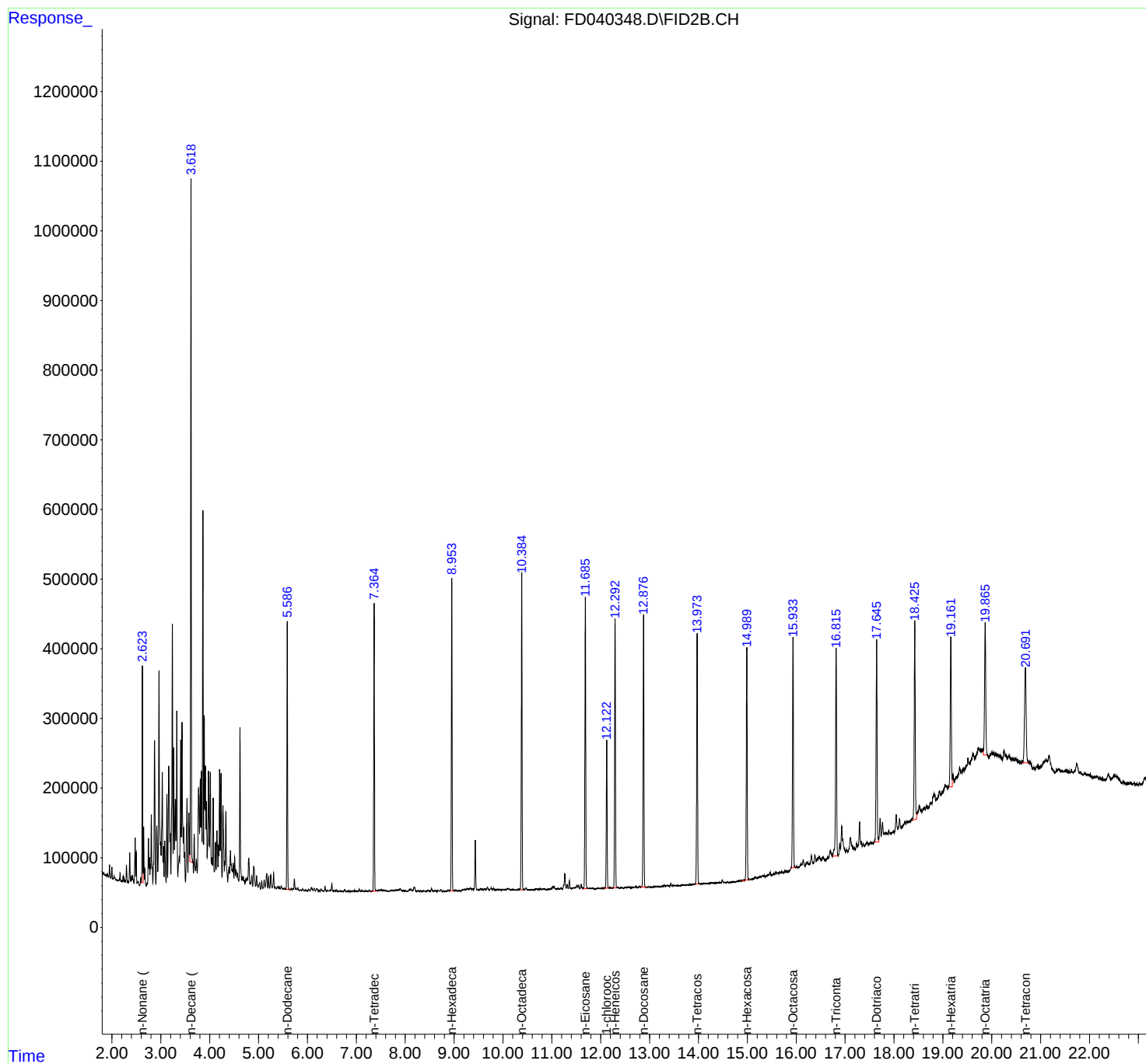
Instrument :  
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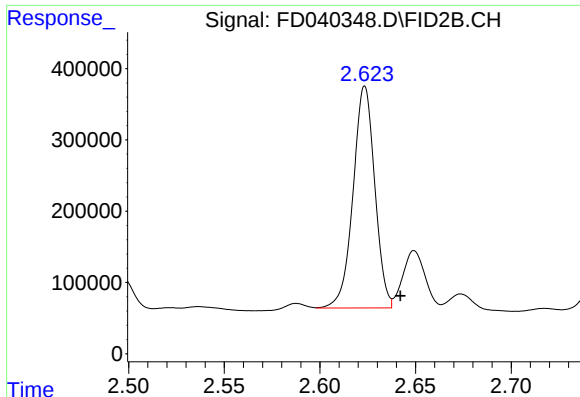
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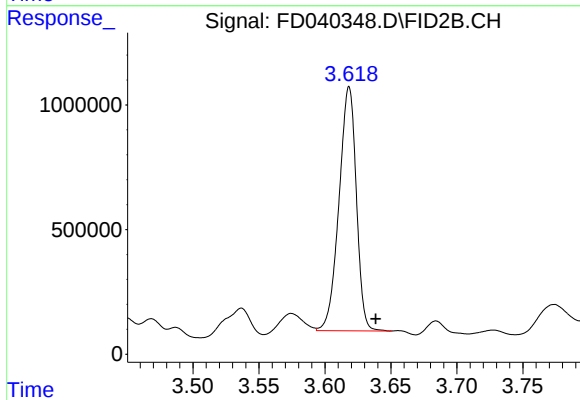
#1 n-Nonane (C9)

R.T.: 2.623 min  
Delta R.T.: -0.019 min  
Response: 2461300  
Conc: 18.76 ug/ml

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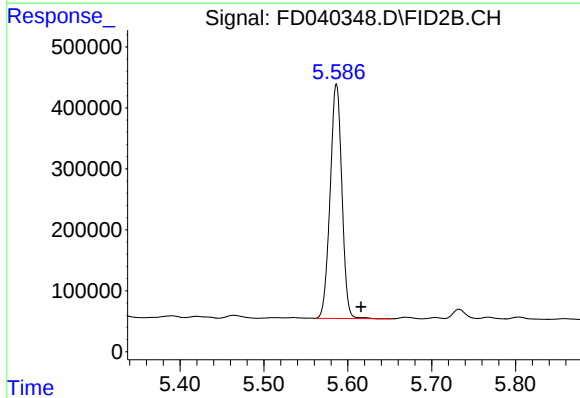
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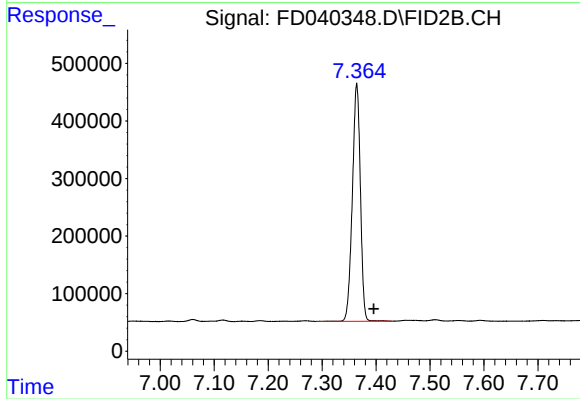
#2 n-Decane (C10)

R.T.: 3.618 min  
Delta R.T.: -0.021 min  
Response: 8954202  
Conc: 67.65 ug/ml m



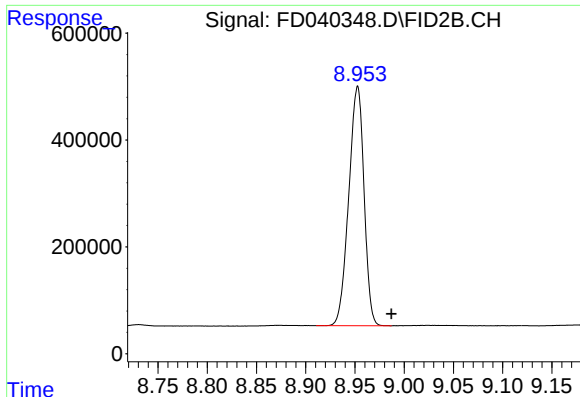
#4 n-Dodecane (C12)

R.T.: 5.587 min  
Delta R.T.: -0.030 min  
Response: 3743411  
Conc: 28.19 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.364 min  
Delta R.T.: -0.032 min  
Response: 4268415  
Conc: 30.87 ug/ml



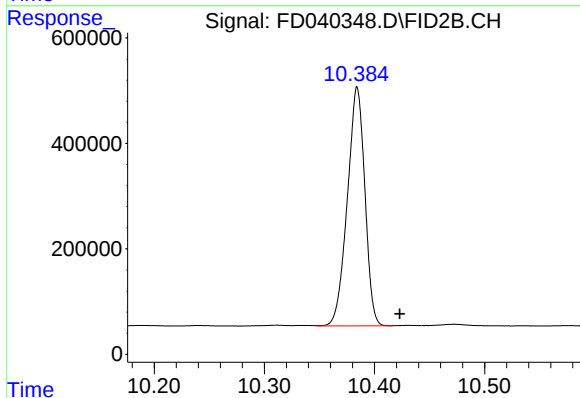
#7 n-Hexadecane (C16)

R.T.: 8.953 min  
Delta R.T.: -0.034 min  
Response: 4839388  
Conc: 35.29 ug/ml

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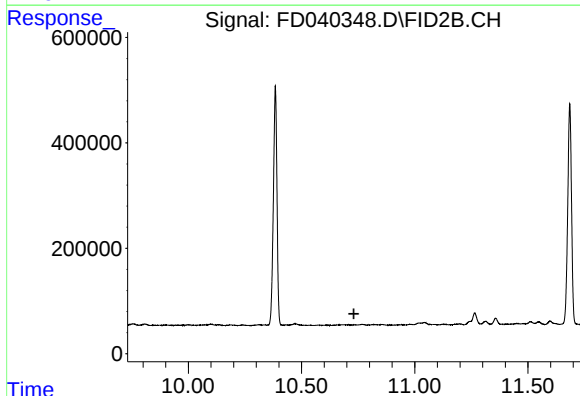
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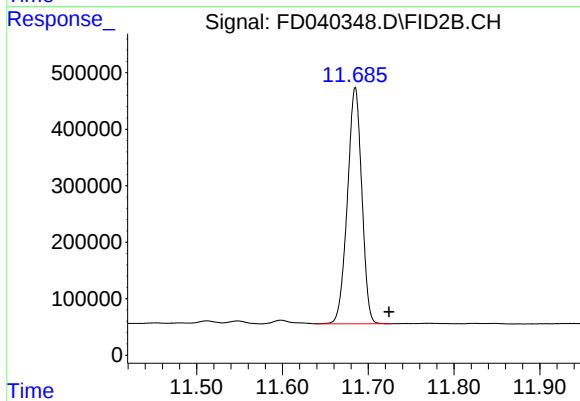
#8 n-Octadecane (C18)

R.T.: 10.384 min  
Delta R.T.: -0.039 min  
Response: 5005980  
Conc: 35.45 ug/ml



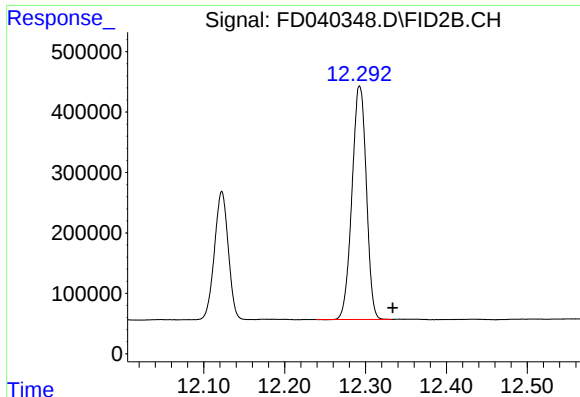
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 10.731 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.685 min  
Delta R.T.: -0.039 min  
Response: 4873578  
Conc: 34.86 ug/ml



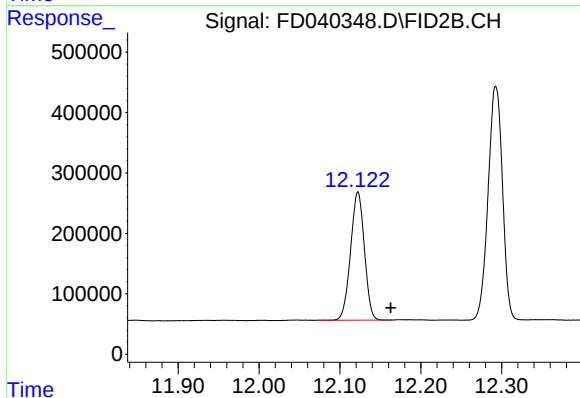
#11 n-Heneicosane (C21)

R.T.: 12.293 min  
Delta R.T.: -0.041 min  
Response: 4763717  
Conc: 33.67 ug/ml

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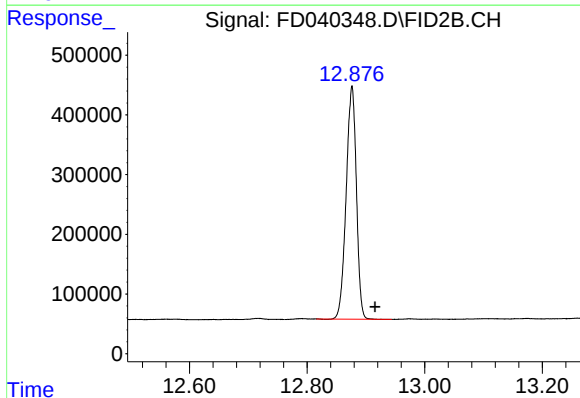
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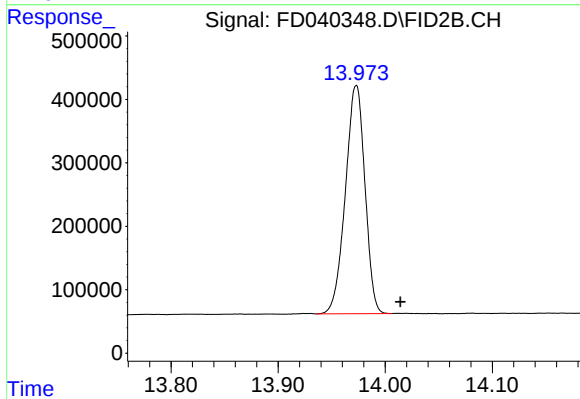
#12 1-chlorooctadecane (SURR)

R.T.: 12.122 min  
Delta R.T.: -0.040 min  
Response: 2517682  
Conc: 20.88 ug/ml



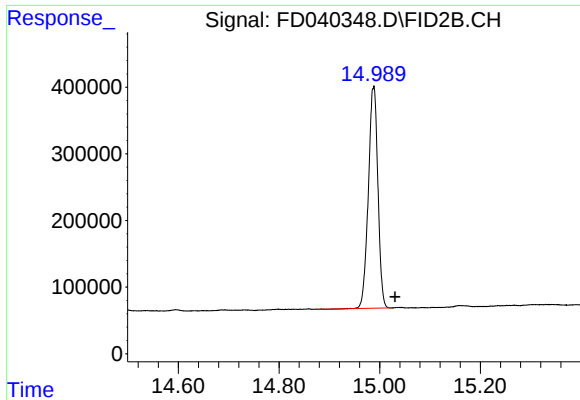
#13 n-Docosane (C22)

R.T.: 12.876 min  
Delta R.T.: -0.039 min  
Response: 4711908  
Conc: 33.57 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.973 min  
Delta R.T.: -0.041 min  
Response: 4565751  
Conc: 32.52 ug/ml



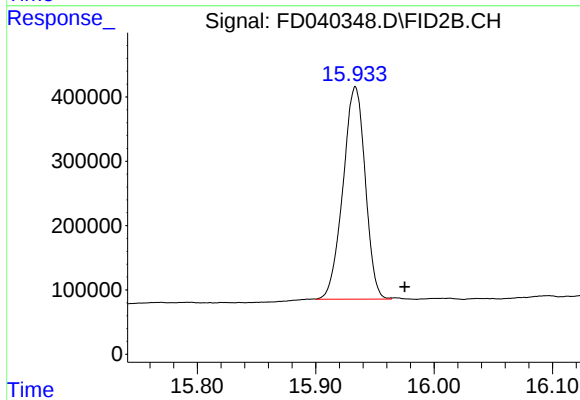
#15 n-Hexacosane (C26)

R.T.: 14.988 min  
Delta R.T.: -0.043 min  
Response: 4375231  
Conc: 31.82 ug/ml

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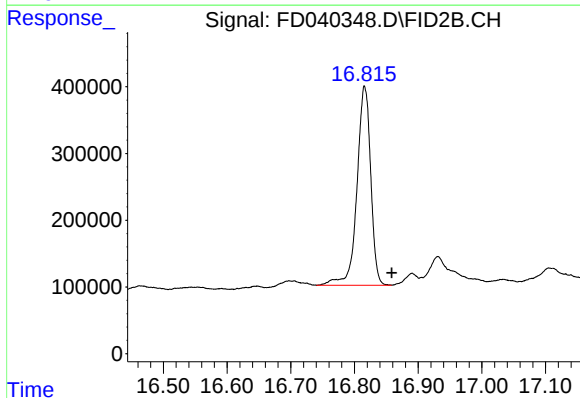
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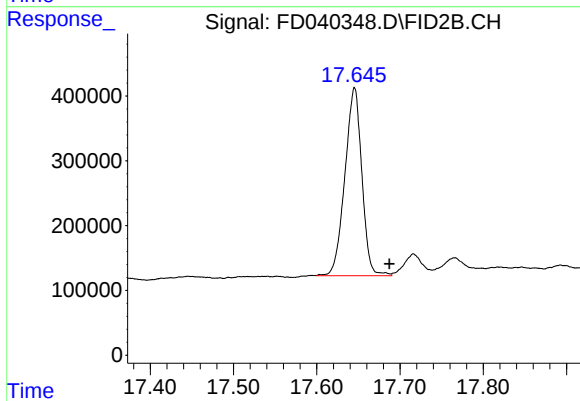
#16 n-Octacosane (C28)

R.T.: 15.933 min  
Delta R.T.: -0.042 min  
Response: 4312927  
Conc: 31.70 ug/ml m



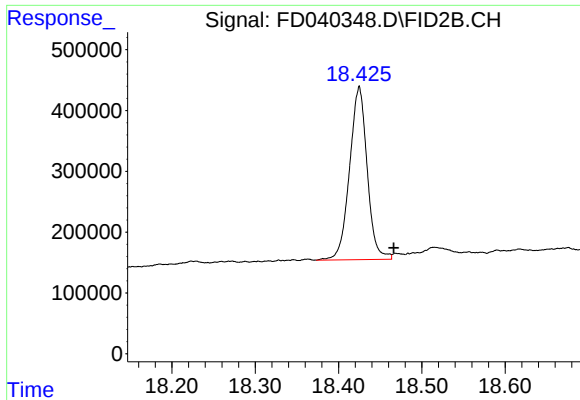
#17 n-Tricontane (C30)

R.T.: 16.815 min  
Delta R.T.: -0.044 min  
Response: 4484341  
Conc: 33.51 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.645 min  
Delta R.T.: -0.042 min  
Response: 4108968  
Conc: 31.74 ug/ml m



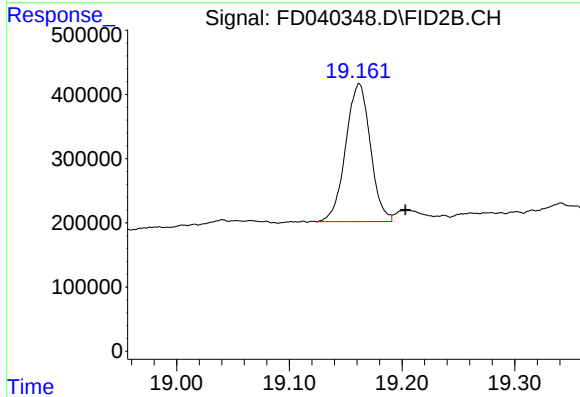
#19 n-Tetratriacontane (C34)

R.T.: 18.425 min  
Delta R.T.: -0.042 min  
Response: 4179882  
Conc: 34.47 ug/ml

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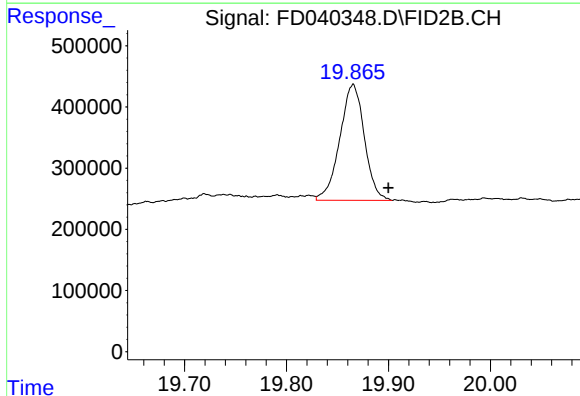
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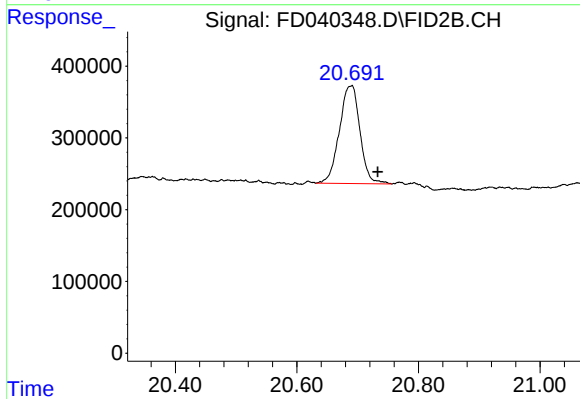
#20 n-Hexatriacontane (C36)

R.T.: 19.161 min  
Delta R.T.: -0.042 min  
Response: 3275955  
Conc: 30.74 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.865 min  
Delta R.T.: -0.035 min  
Response: 3167417  
Conc: 34.30 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.691 min  
Delta R.T.: -0.042 min  
Response: 3202996  
Conc: 41.14 ug/ml m