

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071921AL\  
 Data File : FD038274.D  
 Signal(s) : FID2B.CH  
 Acq On : 19 Jul 2021 21:36  
 Operator : AJ\MA  
 Sample : M3077-01MSD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 T-1MSD

Manual Integrations  
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 7/20/2021 11:47:17 AM

Integration File: autoint1.e  
 Quant Time: Jul 20 03:15:57 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 070621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 07 10:58:41 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    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.417 | 5576108    | 38.576 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 77.15%        |
| 12) S 1-chlorooctadecane (S... | 12.851 | 4444328    | 38.982 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 77.96%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.248  | 6214646    | 51.143 ug/ml  |
| 2) T n-Decane (C10)            | 4.295  | 6573276    | 53.742 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.858  | 7012600    | 51.299 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.292  | 6745760    | 54.161 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.908  | 6652277    | 48.296 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.080  | 6715691    | 52.250 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.672  | 6606700    | 50.983 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.108 | 6636890    | 49.281 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.411 | 6245562    | 46.498 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.020 | 6130984    | 45.127 ug/ml  |
| 13) T n-Docosane (C22)         | 13.604 | 5984011    | 44.474 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.701 | 4383795    | 32.465 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.719 | 5502241    | 41.761 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.662 | 5290238    | 40.573 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.549 | 5278109    | 41.302 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.375 | 5174298    | 42.052 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.155 | 5019254    | 42.862 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.891 | 4886530    | 44.745 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.596 | 4722323    | 46.887 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.427 | 4843277    | 49.520 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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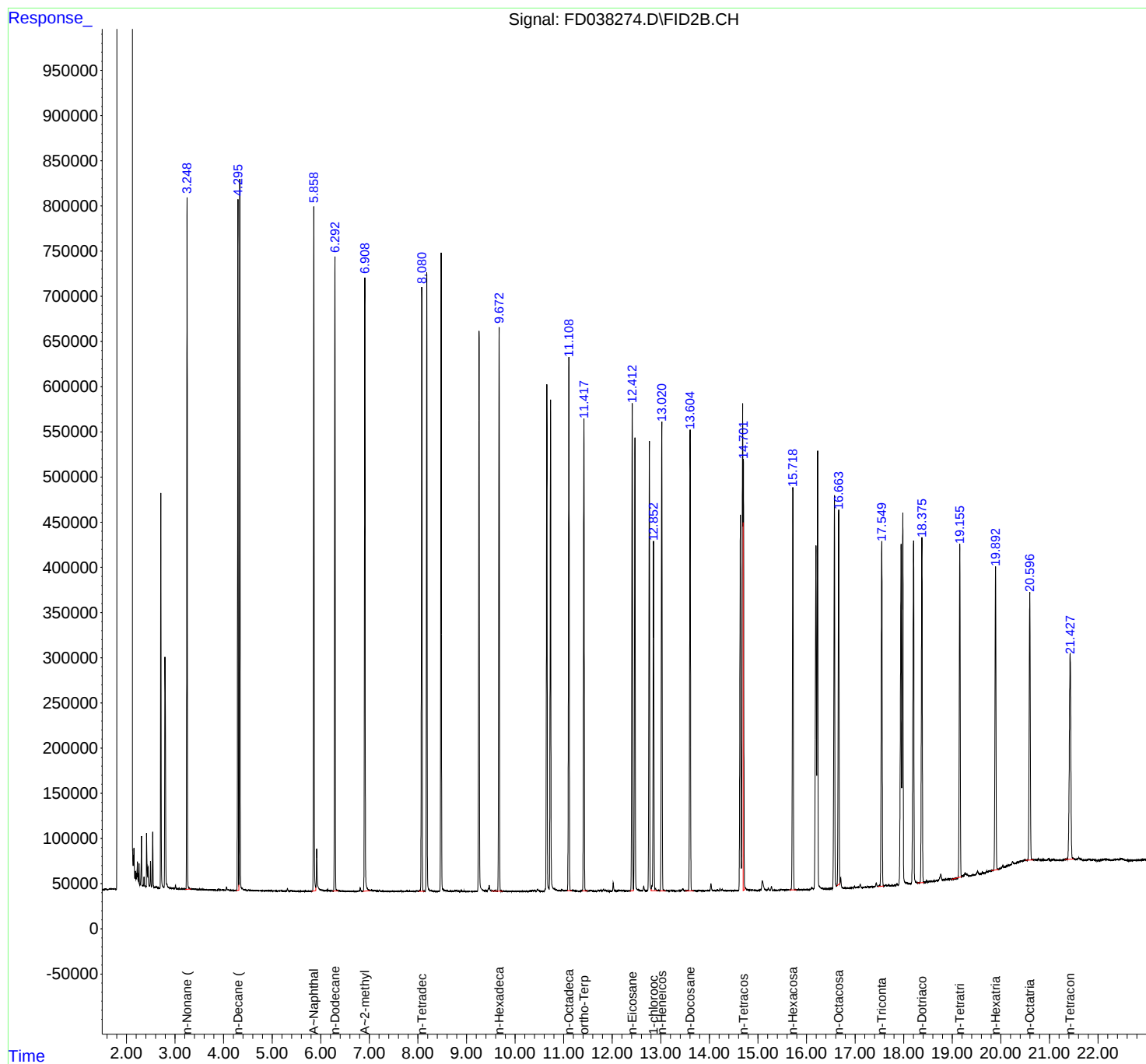
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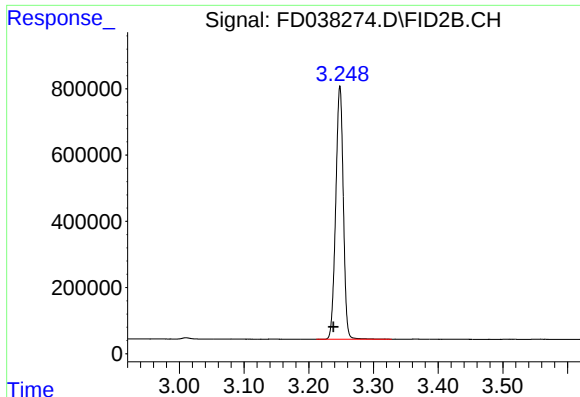
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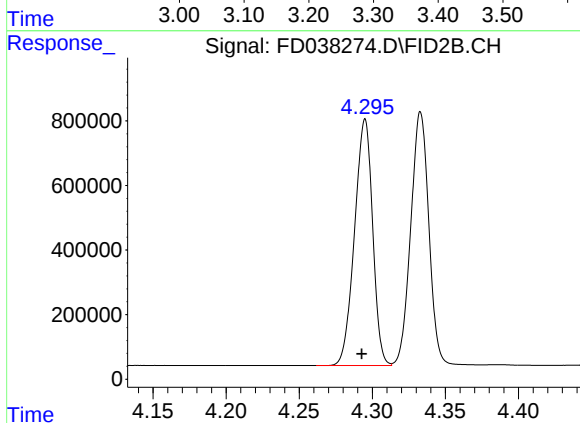
#1 n-Nonane (C9)

R.T.: 3.248 min  
Delta R.T.: 0.010 min  
Response: 6214646  
Conc: 51.14 ug/ml

Instrument :  
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ClientSampleId :  
T-1MSD

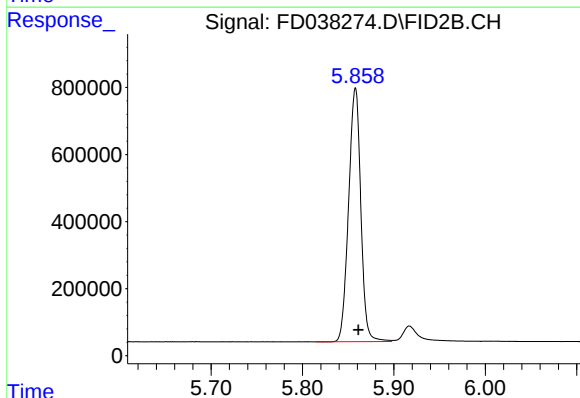
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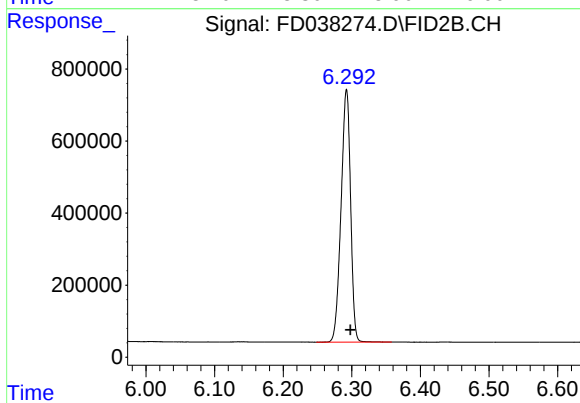
#2 n-Decane (C10)

R.T.: 4.295 min  
Delta R.T.: 0.002 min  
Response: 6573276  
Conc: 53.74 ug/ml



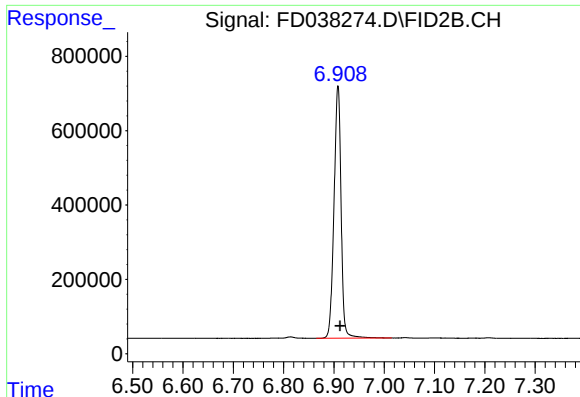
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min  
Delta R.T.: -0.003 min  
Response: 7012600  
Conc: 51.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.292 min  
Delta R.T.: -0.006 min  
Response: 6745760  
Conc: 54.16 ug/ml



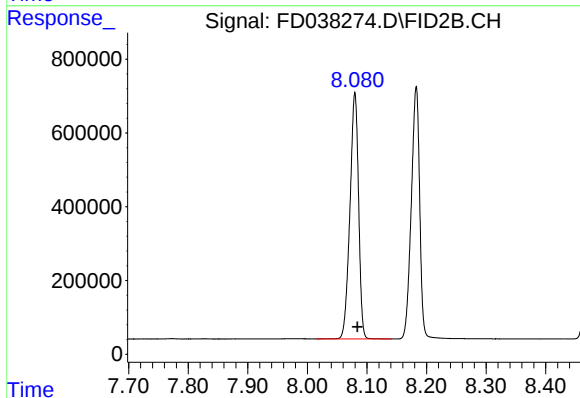
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.908 min  
Delta R.T.: -0.004 min  
Response: 6652277  
Conc: 48.30 ug/ml

Instrument :  
FID\_D  
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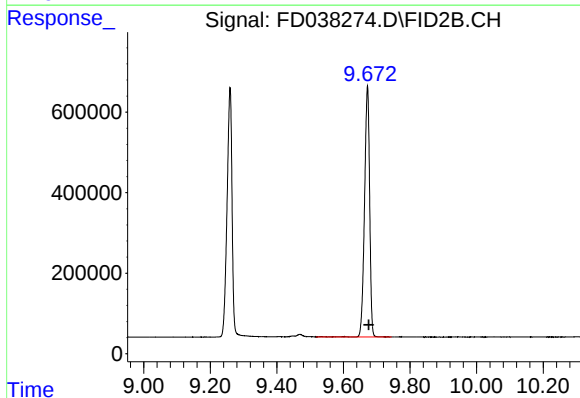
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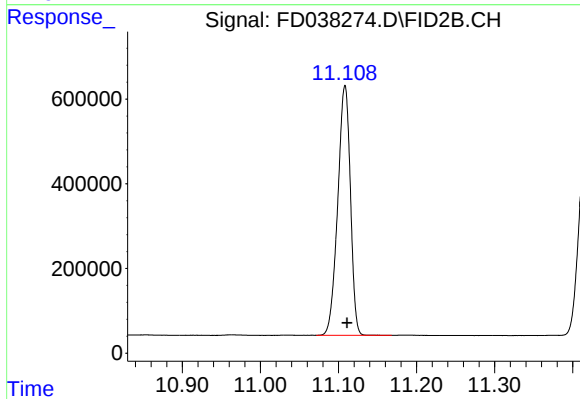
#6 n-Tetradecane (C14)

R.T.: 8.080 min  
Delta R.T.: -0.004 min  
Response: 6715691  
Conc: 52.25 ug/ml



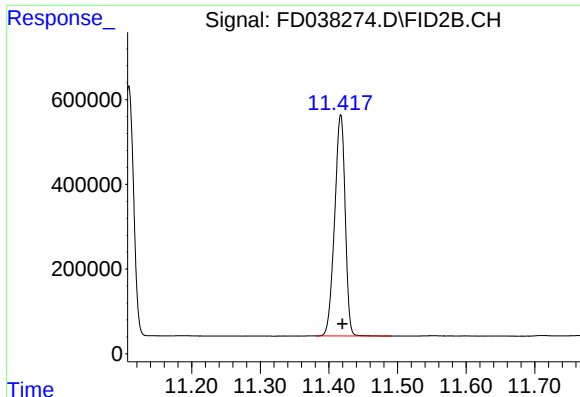
#7 n-Hexadecane (C16)

R.T.: 9.672 min  
Delta R.T.: -0.004 min  
Response: 6606700  
Conc: 50.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.108 min  
Delta R.T.: -0.003 min  
Response: 6636890  
Conc: 49.28 ug/ml



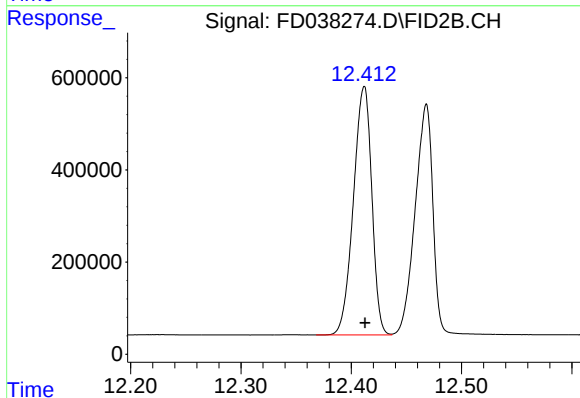
#9 ortho-Terphenyl (SURR)

R.T.: 11.417 min  
Delta R.T.: -0.002 min  
Response: 5576108  
Conc: 38.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
T-1MSD

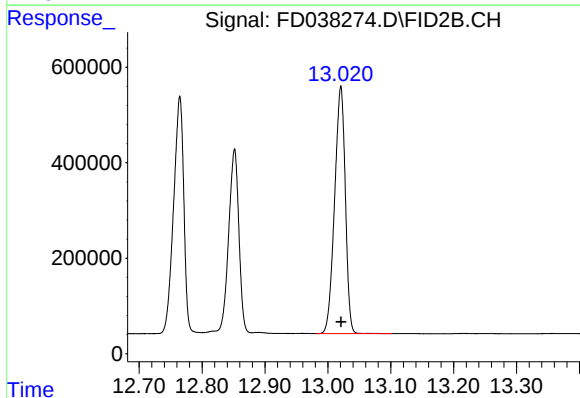
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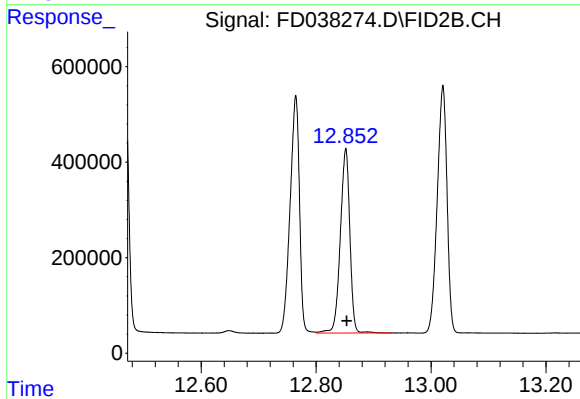
#10 n-Eicosane (C20)

R.T.: 12.411 min  
Delta R.T.: -0.001 min  
Response: 6245562  
Conc: 46.50 ug/ml



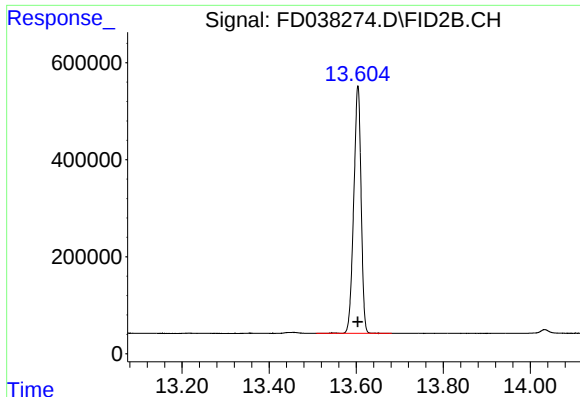
#11 n-Heneicosane (C21)

R.T.: 13.020 min  
Delta R.T.: 0.000 min  
Response: 6130984  
Conc: 45.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.851 min  
Delta R.T.: -0.002 min  
Response: 4444328  
Conc: 38.98 ug/ml



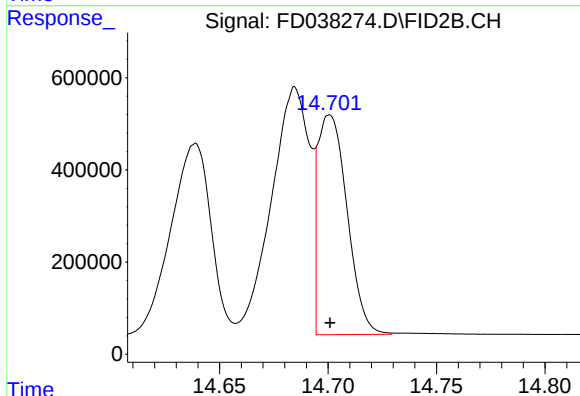
#13 n-Docosane (C22)

R.T.: 13.604 min  
Delta R.T.: 0.000 min  
Response: 5984011  
Conc: 44.47 ug/ml

Instrument :  
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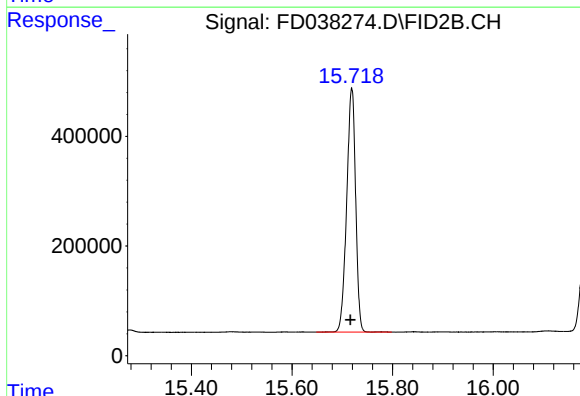
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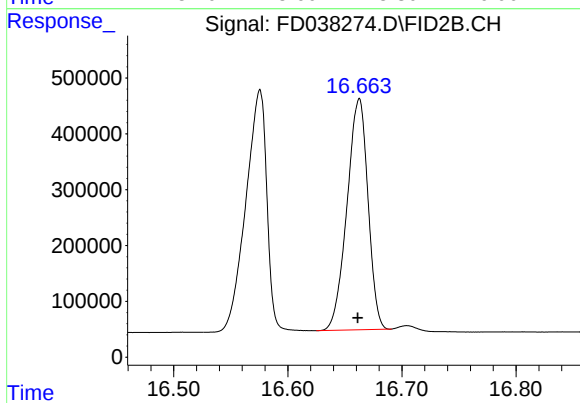
#14 n-Tetracosane (C24)

R.T.: 14.701 min  
Delta R.T.: 0.000 min  
Response: 4383795  
Conc: 32.47 ug/ml m



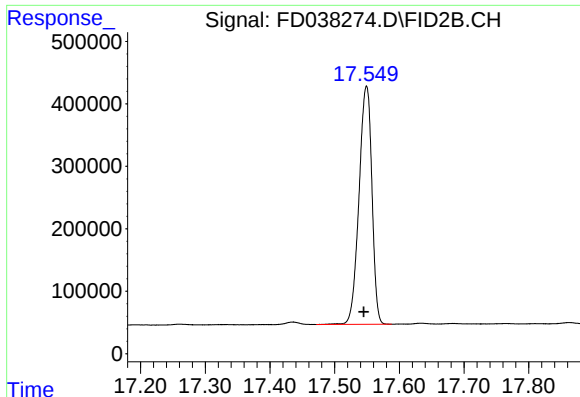
#15 n-Hexacosane (C26)

R.T.: 15.719 min  
Delta R.T.: 0.002 min  
Response: 5502241  
Conc: 41.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.662 min  
Delta R.T.: 0.000 min  
Response: 5290238  
Conc: 40.57 ug/ml



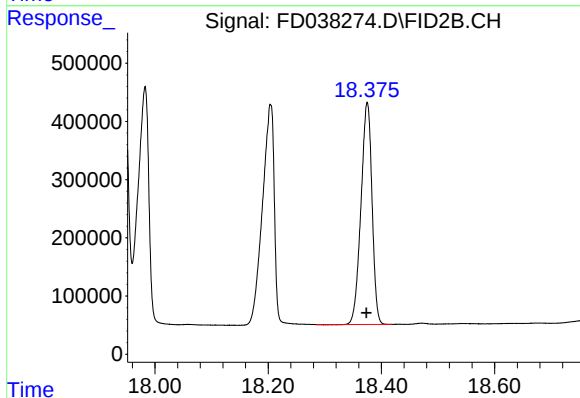
#17 n-Tricontane (C30)

R.T.: 17.549 min  
Delta R.T.: 0.004 min  
Response: 5278109  
Conc: 41.30 ug/ml

Instrument :  
FID\_D  
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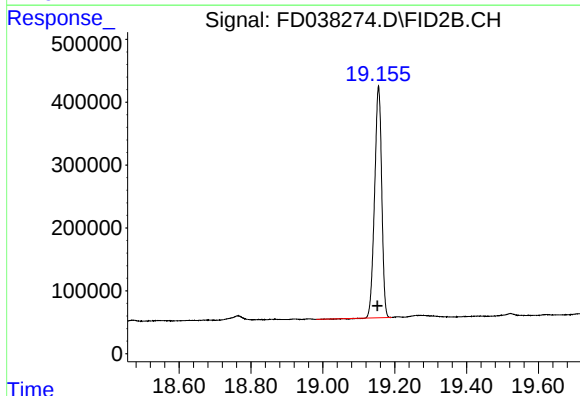
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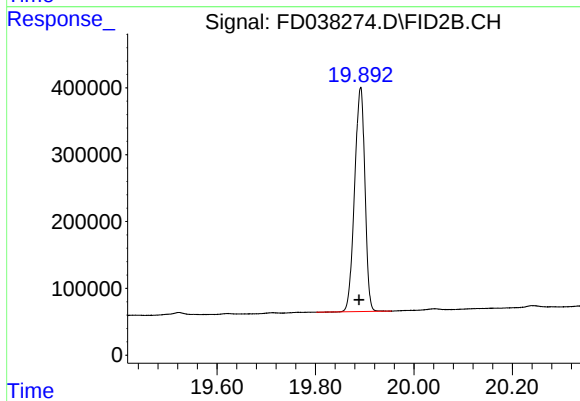
#18 n-Dotriacontane (C32)

R.T.: 18.375 min  
Delta R.T.: 0.002 min  
Response: 5174298  
Conc: 42.05 ug/ml



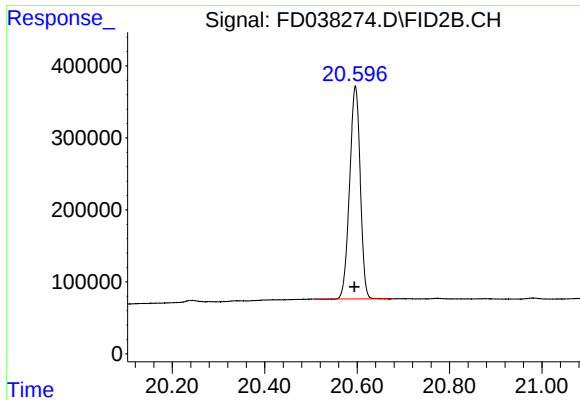
#19 n-Tetratriacontane (C34)

R.T.: 19.155 min  
Delta R.T.: 0.003 min  
Response: 5019254  
Conc: 42.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.891 min  
Delta R.T.: 0.003 min  
Response: 4886530  
Conc: 44.75 ug/ml



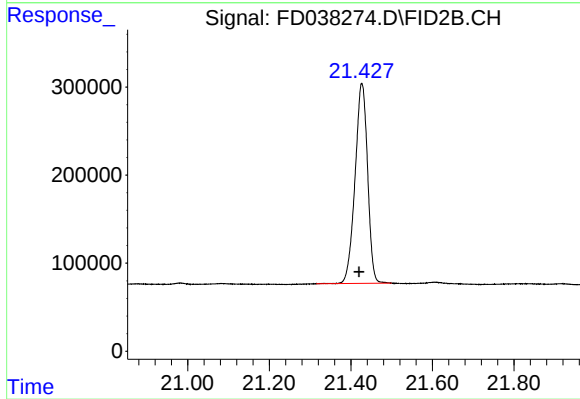
#21 n-Octatriacontane (C38)

R.T.: 20.596 min  
Delta R.T.: 0.002 min  
Response: 4722323  
Conc: 46.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.427 min  
Delta R.T.: 0.006 min  
Response: 4843277  
Conc: 49.52 ug/ml