

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041922AL\  
 Data File : FD042005.D  
 Signal(s) : FID2B.CH  
 Acq On : 19 Apr 2022 23:01  
 Operator : UA/NP  
 Sample : N2447-07MSD  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/20/2022  
 Supervised By :mohammad ahmed 04/20/2022

Integration File: sample.E  
 Quant Time: Apr 20 01:36:49 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 032222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 23 05:05:55 2022  
 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)    | 11.215 | 6072709    | 34.244 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.49%        |
| 12) S 1-chlorooctadecane (S... | 12.654 | 4432219    | 32.008 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 64.02%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.104  | 7217719    | 49.066 ug/ml  |
| 2) T n-Decane (C10)            | 4.139  | 7668288    | 52.514 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.681  | 8430671    | 53.972 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.126  | 7757690    | 51.500 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.726  | 8141482    | 52.339 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.902  | 7683419    | 50.442 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.488  | 7581337    | 49.168 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.919 | 7566970    | 48.028 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.219 | 7149413    | 45.194 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.825 | 6979297    | 43.584 ug/ml  |
| 13) T n-Docosane (C22)         | 13.408 | 6853433    | 42.671 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.503 | 7128115    | 44.097 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.519 | 6537722    | 40.478 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.461 | 6510185    | 40.443 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.345 | 6229392    | 39.529 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.172 | 6673603    | 44.973 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.951 | 6225192    | 46.462 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.686 | 5911938    | 49.372 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.382 | 6876751    | 62.132 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.159 | 5698547    | 52.929 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 69 Sample Multiplier: 1

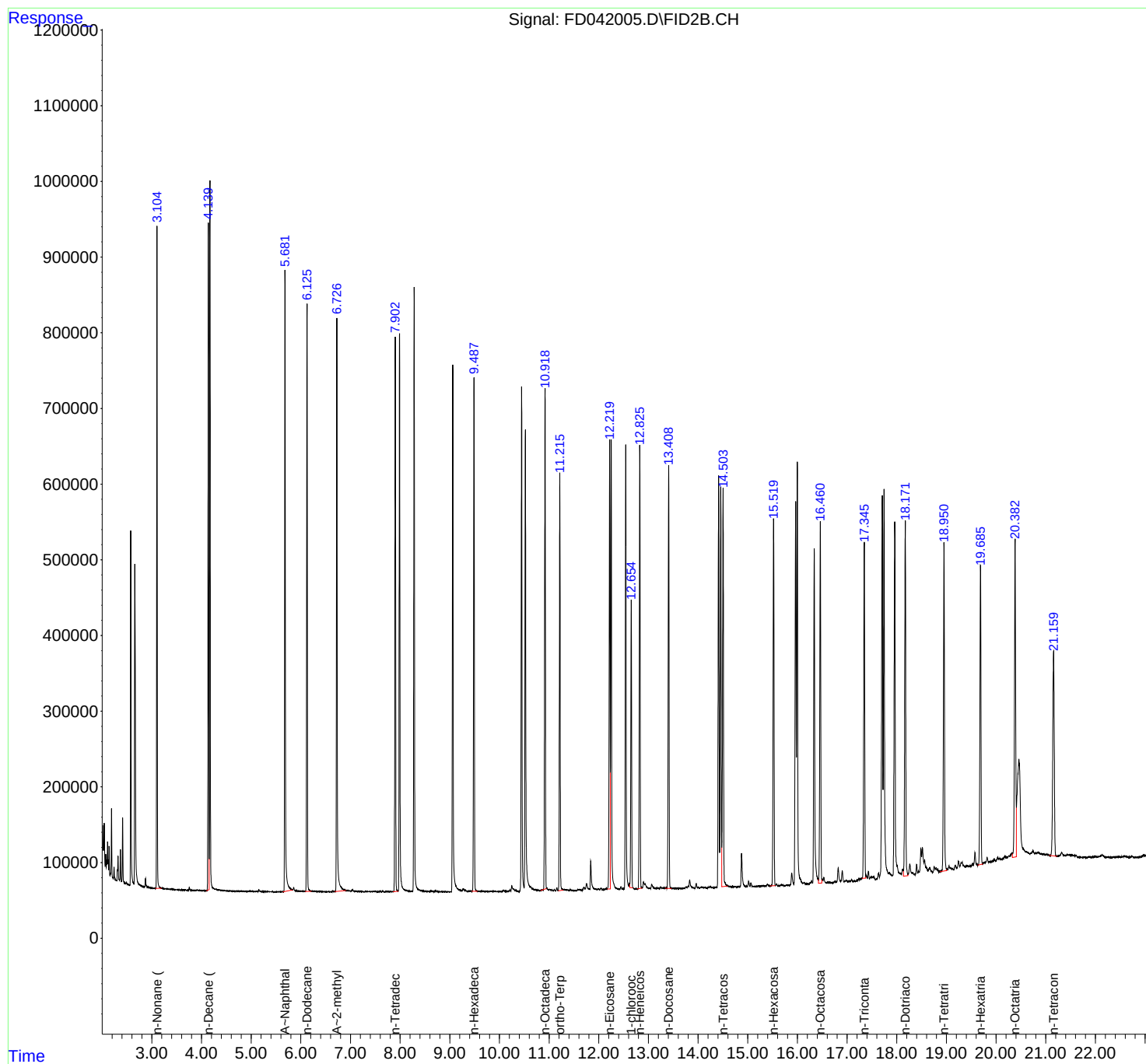
Instrument :  
FID\_D  
ClientSampleId :  
5MSD

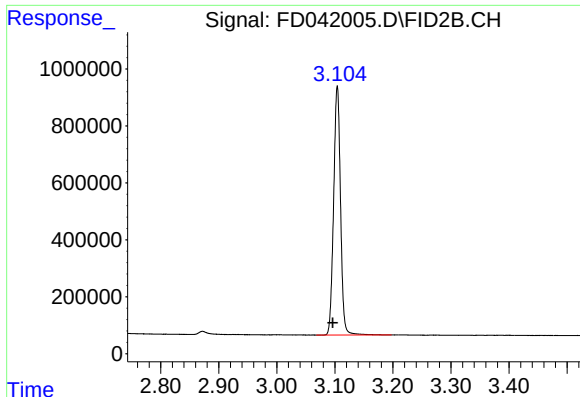
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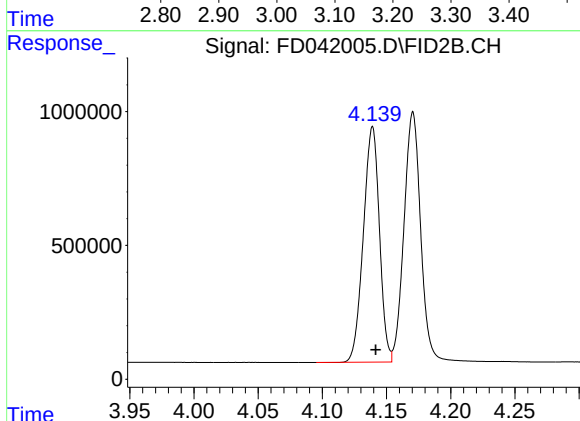
#1 n-Nonane (C9)

R.T.: 3.104 min  
Delta R.T.: 0.008 min  
Response: 7217719  
Conc: 49.07 ug/ml

Instrument :  
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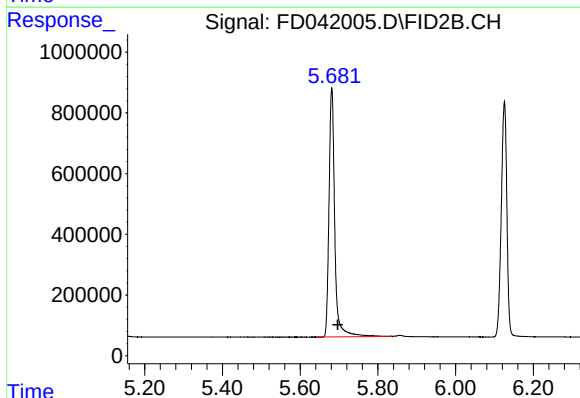
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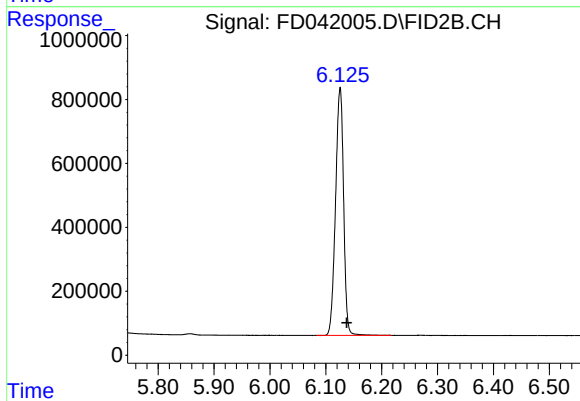
#2 n-Decane (C10)

R.T.: 4.139 min  
Delta R.T.: -0.003 min  
Response: 7668288  
Conc: 52.51 ug/ml



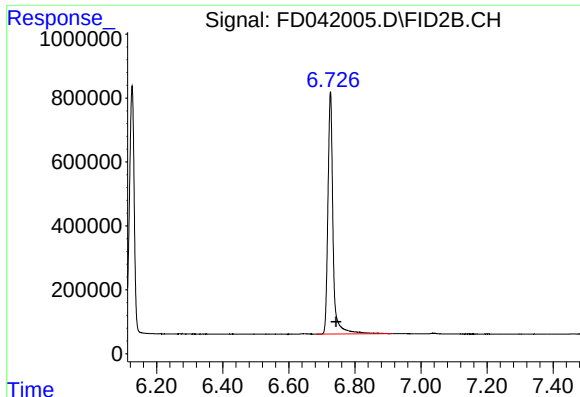
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min  
Delta R.T.: -0.015 min  
Response: 8430671  
Conc: 53.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.126 min  
Delta R.T.: -0.012 min  
Response: 7757690  
Conc: 51.50 ug/ml



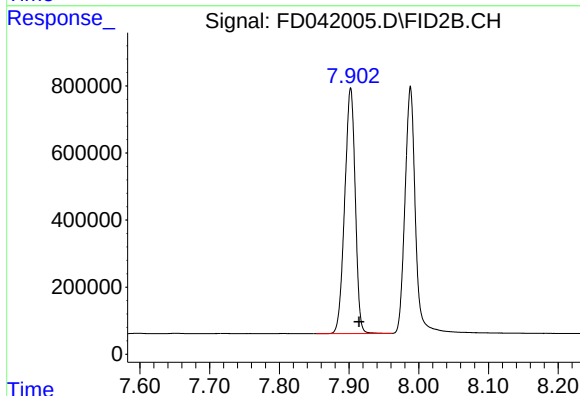
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.726 min  
Delta R.T.: -0.017 min  
Response: 8141482  
Conc: 52.34 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5MSD

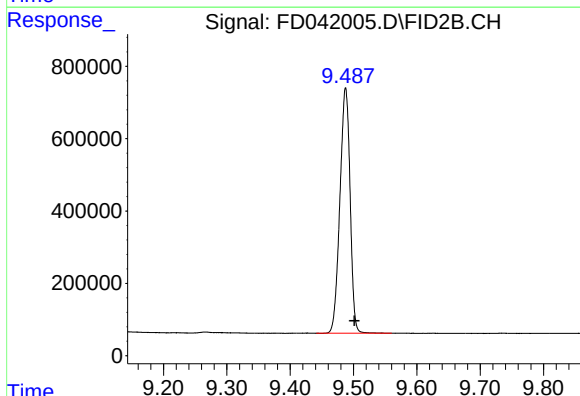
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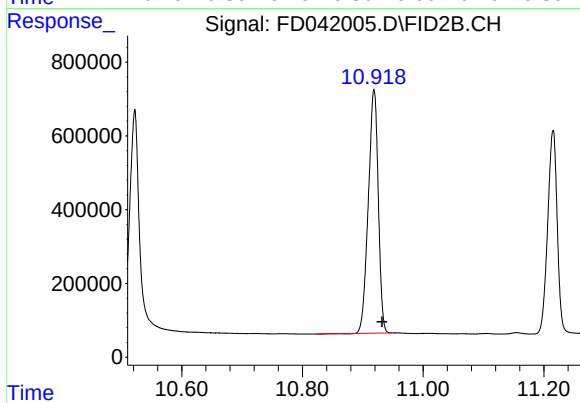
#6 n-Tetradecane (C14)

R.T.: 7.902 min  
Delta R.T.: -0.012 min  
Response: 7683419  
Conc: 50.44 ug/ml



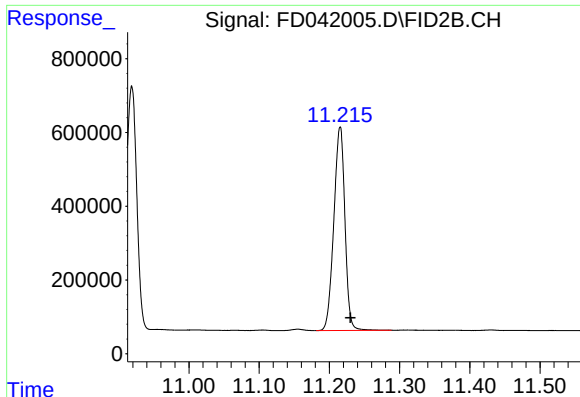
#7 n-Hexadecane (C16)

R.T.: 9.488 min  
Delta R.T.: -0.014 min  
Response: 7581337  
Conc: 49.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.919 min  
Delta R.T.: -0.013 min  
Response: 7566970  
Conc: 48.03 ug/ml



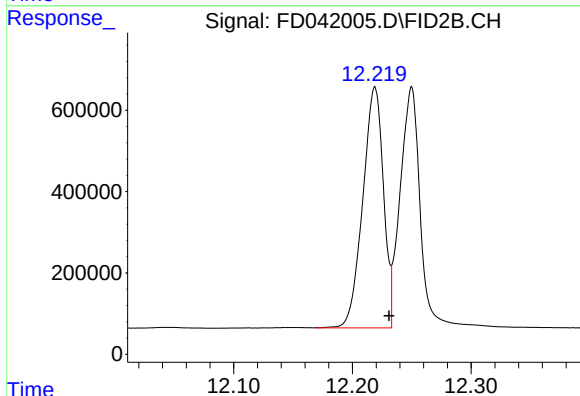
#9 ortho-Terphenyl (SURR)

R.T.: 11.215 min  
Delta R.T.: -0.015 min  
Response: 6072709  
Conc: 34.24 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
5MSD

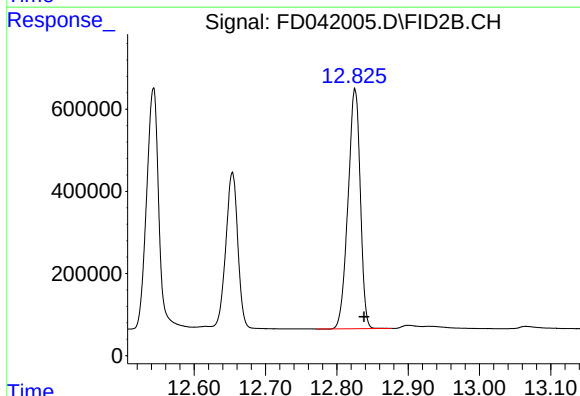
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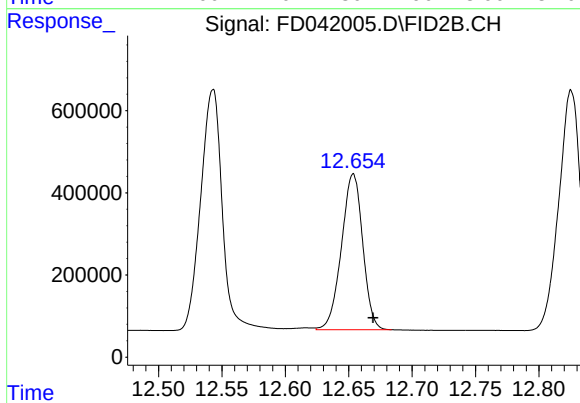
#10 n-Eicosane (C20)

R.T.: 12.219 min  
Delta R.T.: -0.012 min  
Response: 7149413  
Conc: 45.19 ug/ml



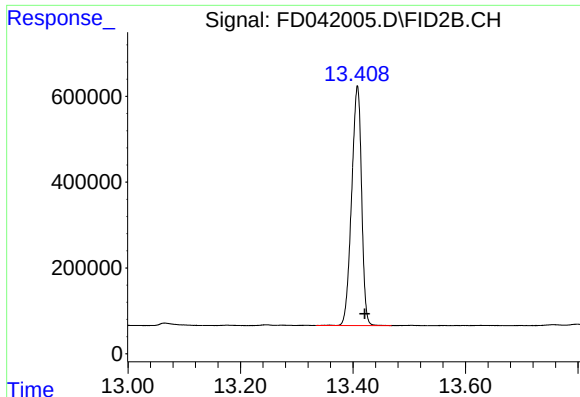
#11 n-Heneicosane (C21)

R.T.: 12.825 min  
Delta R.T.: -0.013 min  
Response: 6979297  
Conc: 43.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.654 min  
Delta R.T.: -0.016 min  
Response: 4432219  
Conc: 32.01 ug/ml m



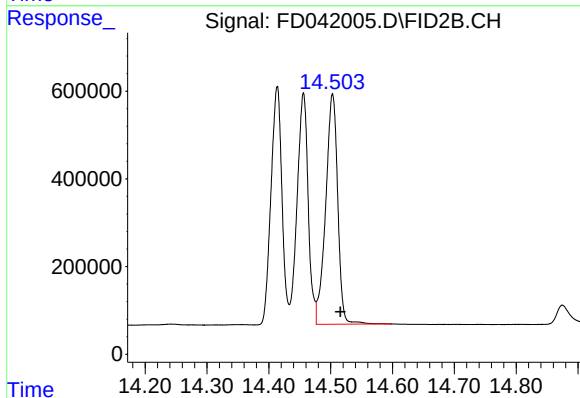
#13 n-Docosane (C22)

R.T.: 13.408 min  
Delta R.T.: -0.013 min  
Response: 6853433  
Conc: 42.67 ug/ml

Instrument :  
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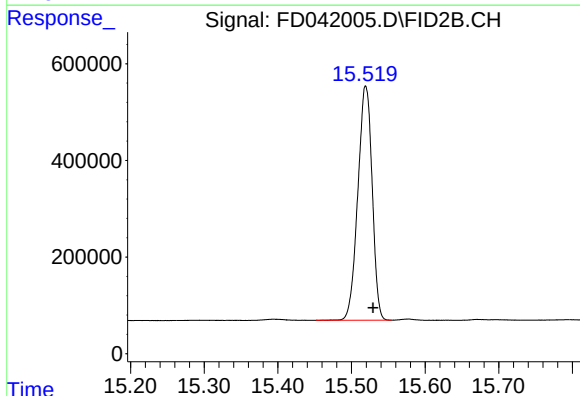
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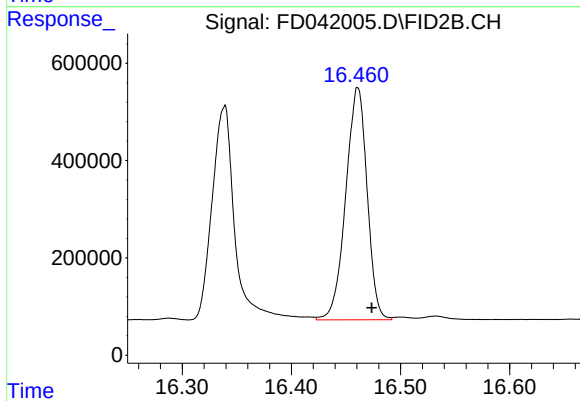
#14 n-Tetracosane (C24)

R.T.: 14.503 min  
Delta R.T.: -0.012 min  
Response: 7128115  
Conc: 44.10 ug/ml



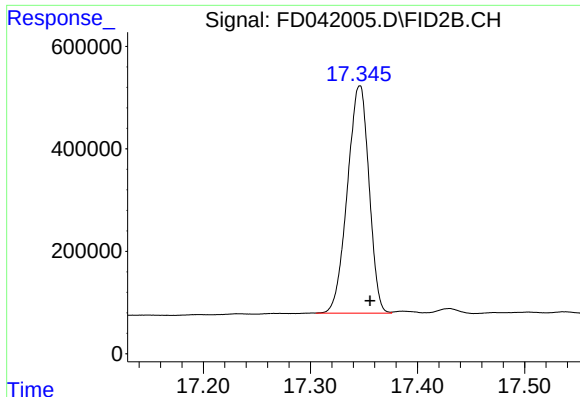
#15 n-Hexacosane (C26)

R.T.: 15.519 min  
Delta R.T.: -0.010 min  
Response: 6537722  
Conc: 40.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.461 min  
Delta R.T.: -0.013 min  
Response: 6510185  
Conc: 40.44 ug/ml



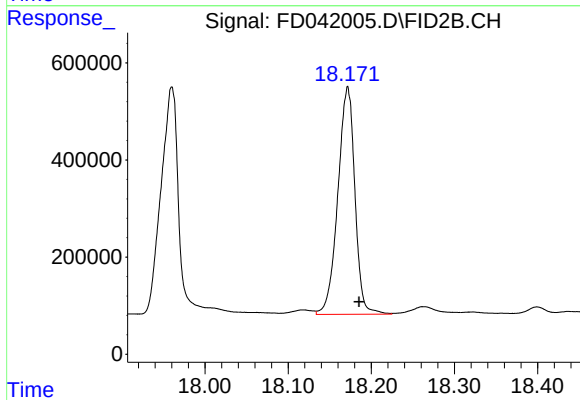
#17 n-Tricontane (C30)

R.T.: 17.345 min  
Delta R.T.: -0.010 min  
Response: 6229392  
Conc: 39.53 ug/ml

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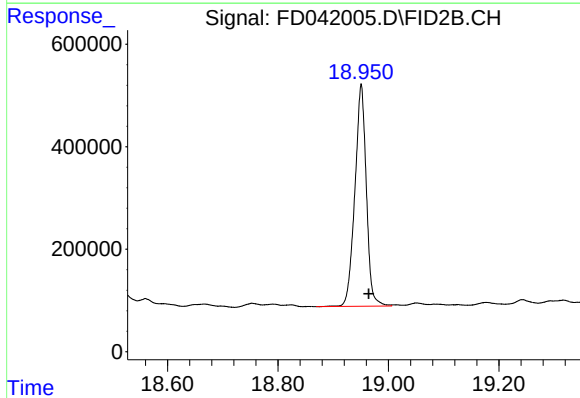
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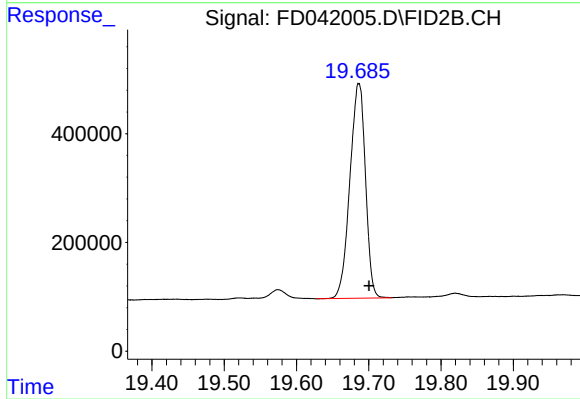
#18 n-Dotriacontane (C32)

R.T.: 18.172 min  
Delta R.T.: -0.014 min  
Response: 6673603  
Conc: 44.97 ug/ml



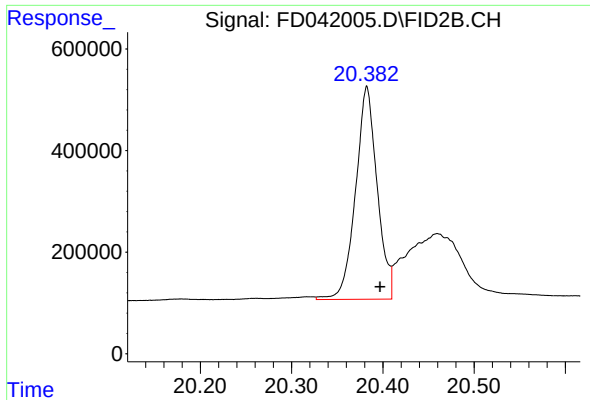
#19 n-Tetratriacontane (C34)

R.T.: 18.951 min  
Delta R.T.: -0.013 min  
Response: 6225192  
Conc: 46.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.686 min  
Delta R.T.: -0.014 min  
Response: 5911938  
Conc: 49.37 ug/ml



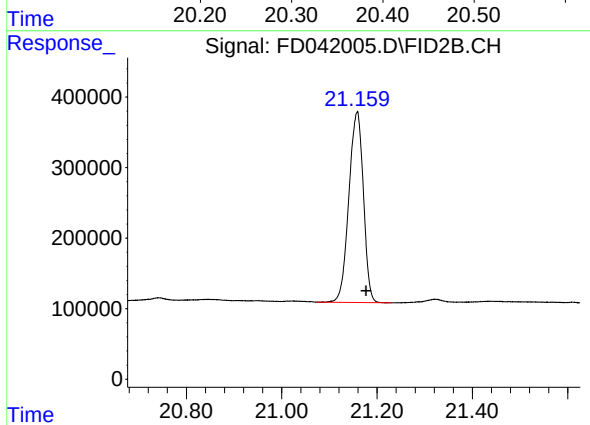
#21 n-Octatriacontane (C38)

R.T.: 20.382 min  
Delta R.T.: -0.015 min  
Response: 6876751  
Conc: 62.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.159 min  
Delta R.T.: -0.018 min  
Response: 5698547  
Conc: 52.93 ug/ml