

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011122AL\  
 Data File : FD040557.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Jan 2022 23:26  
 Operator : AJ\MA  
 Sample : N1047-01MSD  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 FM-E8-01-4.5MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/12/2022  
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E  
 Quant Time: Jan 12 00:34:51 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 010422.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 07:08:39 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)    | 10.624 | 5428645    | 35.208 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 70.42%        |
| 12) S 1-chlorooctadecane (S... | 12.061 | 4002974    | 34.008 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 68.02%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.578  | 5139907    | 40.036 ug/ml  |
| 2) T n-Decane (C10)            | 3.563  | 5971418    | 46.374 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.090  | 7189881    | 50.607 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.528  | 6517092    | 50.989 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.131  | 7229975    | 51.250 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.307  | 7054392    | 54.457 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.893  | 7838886    | 60.167 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.327 | 8070364    | 59.559 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.626 | 8288343    | 60.935 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.234 | 7711329    | 55.687 ug/ml  |
| 13) T n-Docosane (C22)         | 12.817 | 7594087    | 55.075 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.913 | 7418129    | 53.053 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.929 | 7030964    | 51.006 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.871 | 6767481    | 49.876 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.755 | 6661088    | 51.106 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.581 | 6395083    | 53.495 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.360 | 5823348    | 55.306 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.097 | 4914432    | 48.499 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.793 | 4601696    | 51.505 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.595 | 4722263    | 55.243 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 69 Sample Multiplier: 1

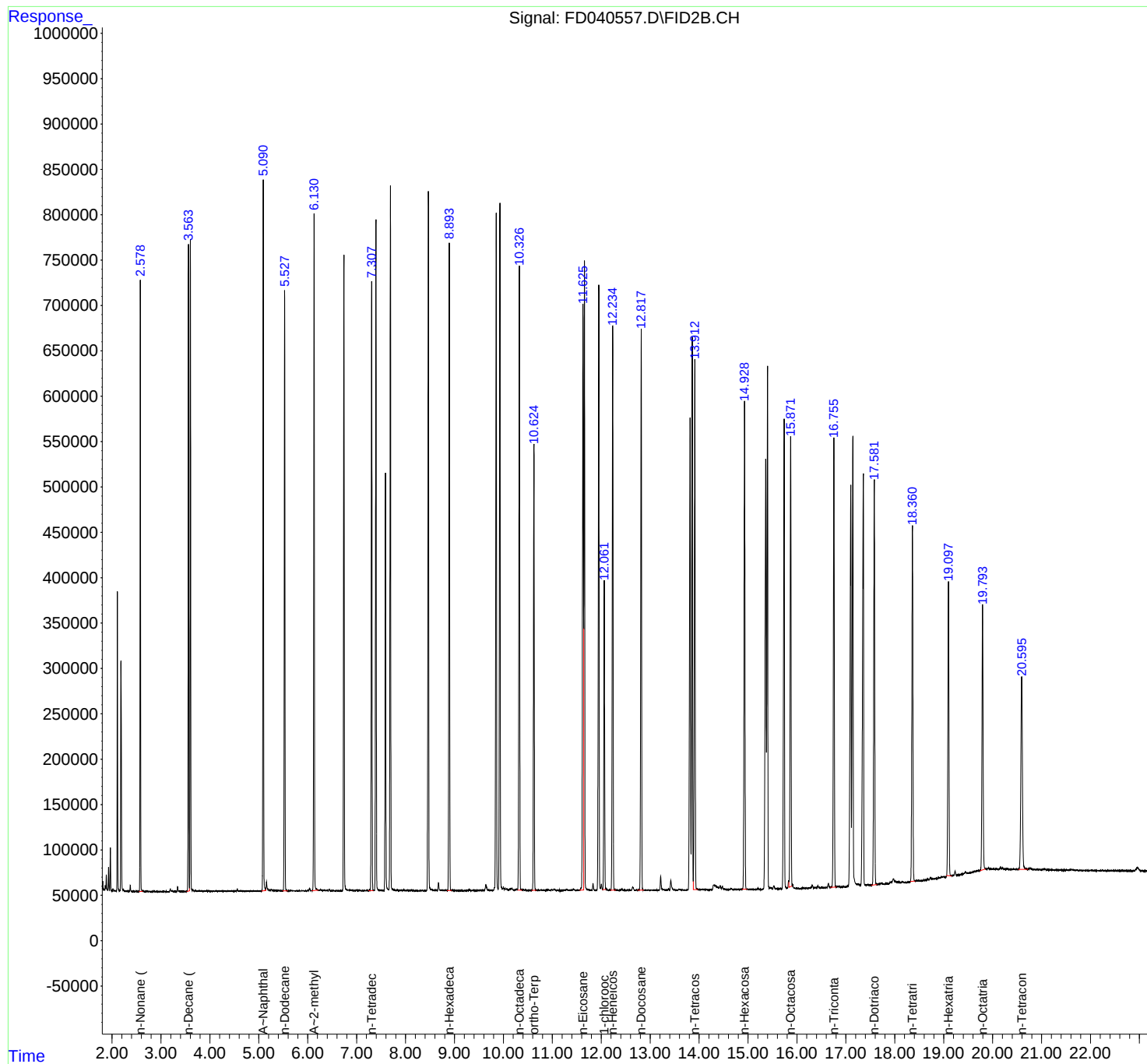
Instrument :  
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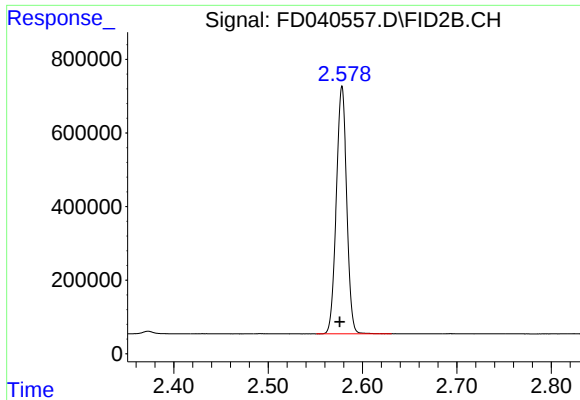
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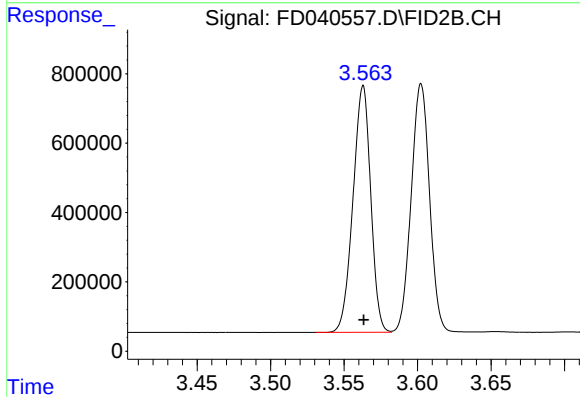
#1 n-Nonane (C9)

R.T.: 2.578 min  
Delta R.T.: 0.002 min  
Response: 5139907  
Conc: 40.04 ug/ml

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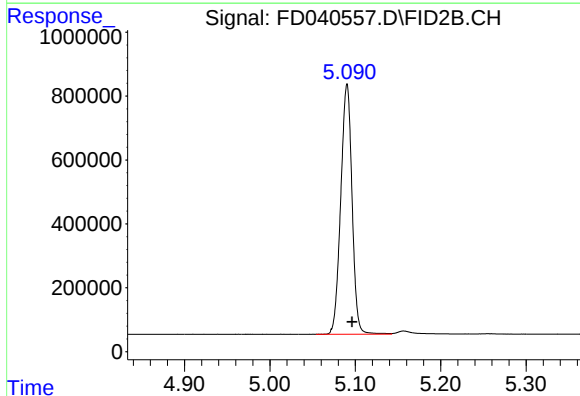
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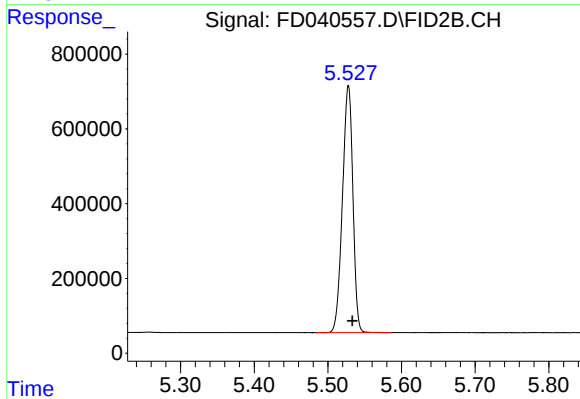
#2 n-Decane (C10)

R.T.: 3.563 min  
Delta R.T.: 0.000 min  
Response: 5971418  
Conc: 46.37 ug/ml



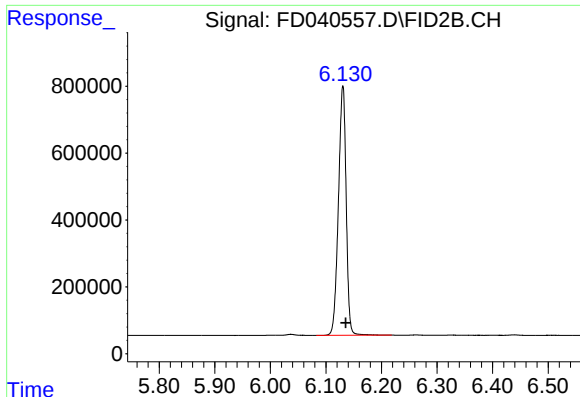
#3 A~Naphthalene (C11.7)

R.T.: 5.090 min  
Delta R.T.: -0.006 min  
Response: 7189881  
Conc: 50.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.528 min  
Delta R.T.: -0.005 min  
Response: 6517092  
Conc: 50.99 ug/ml



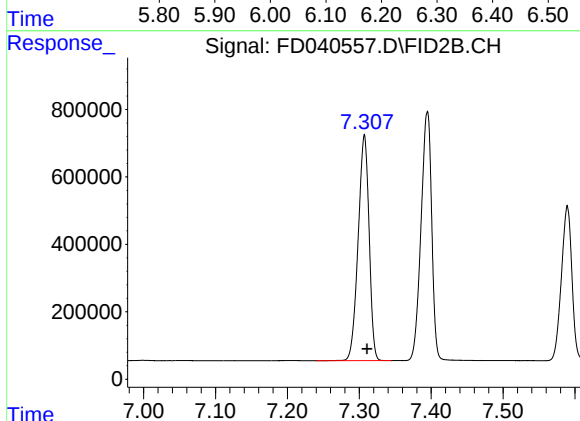
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.131 min  
Delta R.T.: -0.005 min  
Response: 7229975  
Conc: 51.25 ug/ml

Instrument :  
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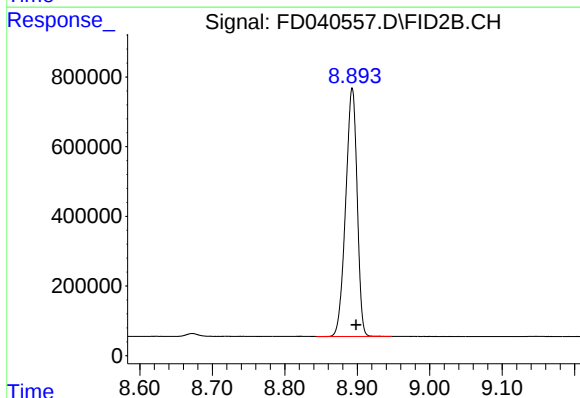
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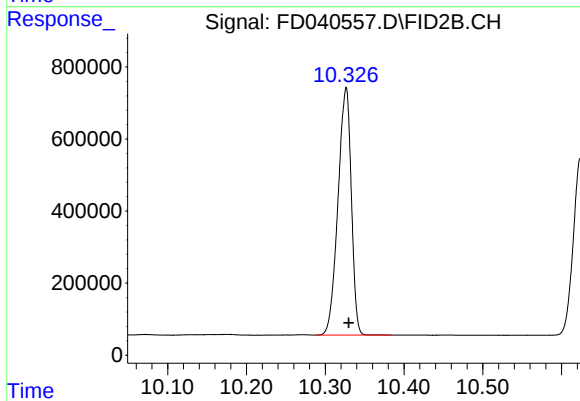
#6 n-Tetradecane (C14)

R.T.: 7.307 min  
Delta R.T.: -0.004 min  
Response: 7054392  
Conc: 54.46 ug/ml



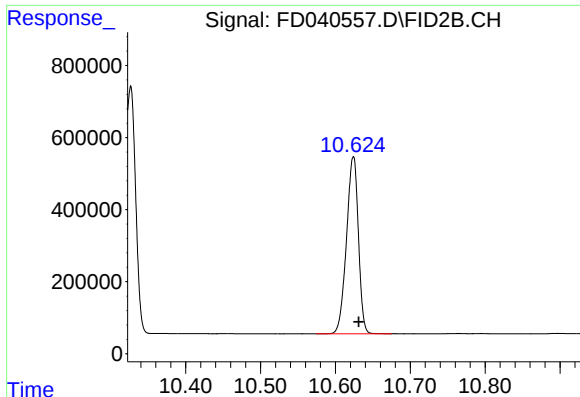
#7 n-Hexadecane (C16)

R.T.: 8.893 min  
Delta R.T.: -0.005 min  
Response: 7838886  
Conc: 60.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.327 min  
Delta R.T.: -0.003 min  
Response: 8070364  
Conc: 59.56 ug/ml



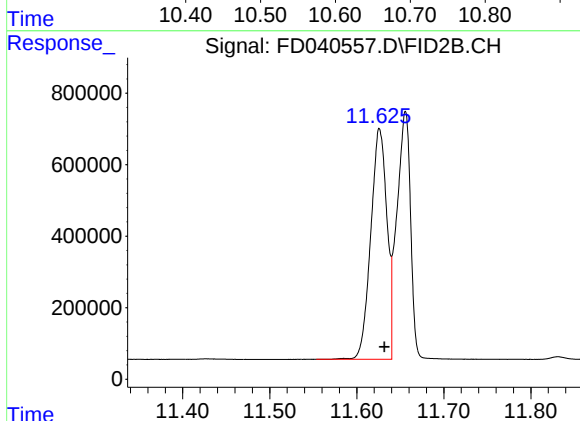
#9 ortho-Terphenyl (SURR)

R.T.: 10.624 min  
Delta R.T.: -0.007 min  
Response: 5428645  
Conc: 35.21 ug/ml

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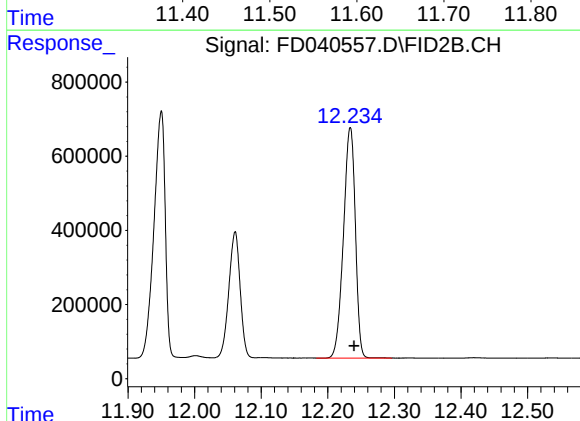
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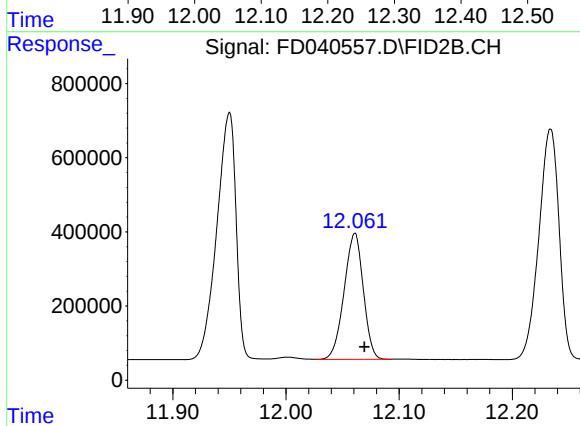
#10 n-Eicosane (C20)

R.T.: 11.626 min  
Delta R.T.: -0.005 min  
Response: 8288343  
Conc: 60.93 ug/ml



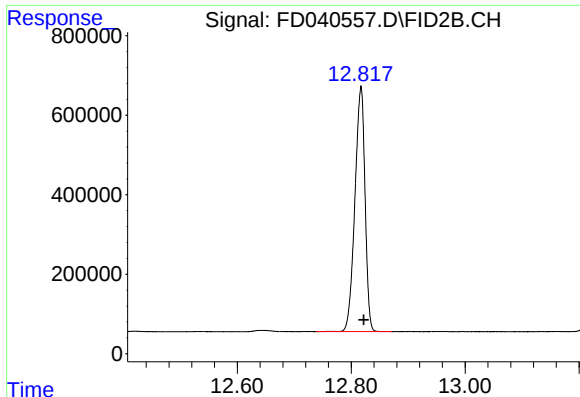
#11 n-Heneicosane (C21)

R.T.: 12.234 min  
Delta R.T.: -0.006 min  
Response: 7711329  
Conc: 55.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.061 min  
Delta R.T.: -0.008 min  
Response: 4002974  
Conc: 34.01 ug/ml



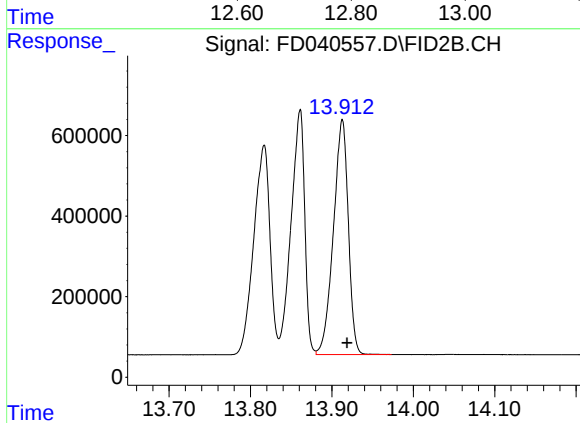
#13 n-Docosane (C22)

R.T.: 12.817 min  
Delta R.T.: -0.005 min  
Response: 7594087  
Conc: 55.07 ug/ml

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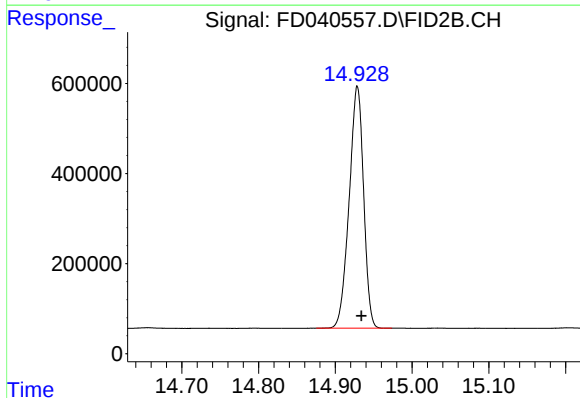
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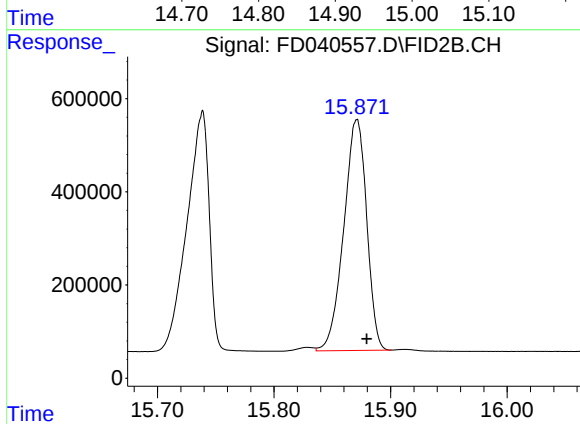
#14 n-Tetracosane (C24)

R.T.: 13.913 min  
Delta R.T.: -0.006 min  
Response: 7418129  
Conc: 53.05 ug/ml



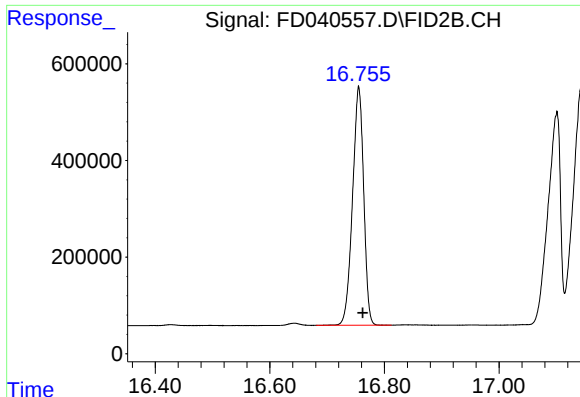
#15 n-Hexacosane (C26)

R.T.: 14.929 min  
Delta R.T.: -0.005 min  
Response: 7030964  
Conc: 51.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.871 min  
Delta R.T.: -0.009 min  
Response: 6767481  
Conc: 49.88 ug/ml



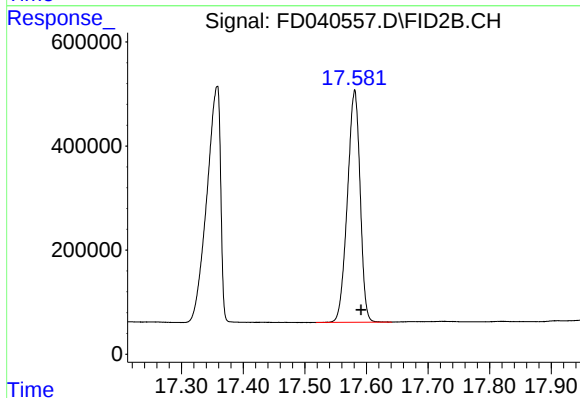
#17 n-Tricontane (C30)

R.T.: 16.755 min  
Delta R.T.: -0.007 min  
Response: 6661088  
Conc: 51.11 ug/ml

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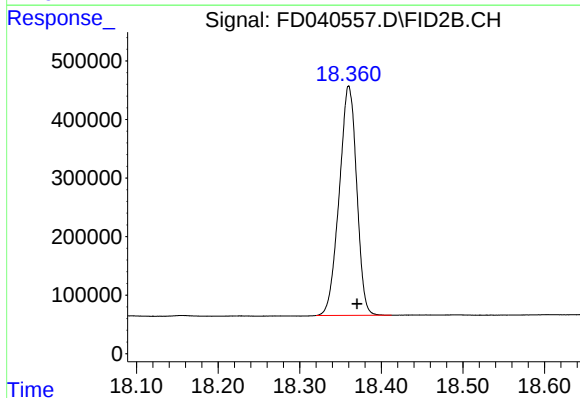
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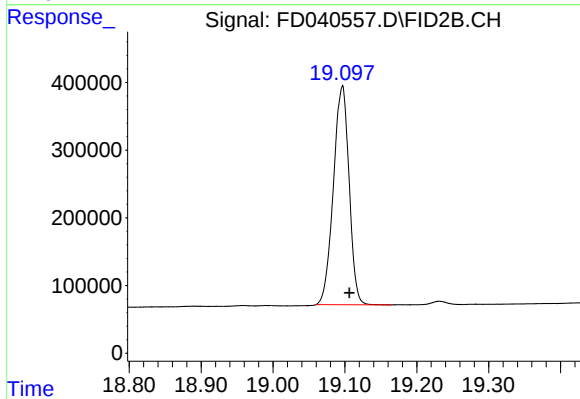
#18 n-Dotriacontane (C32)

R.T.: 17.581 min  
Delta R.T.: -0.010 min  
Response: 6395083  
Conc: 53.50 ug/ml



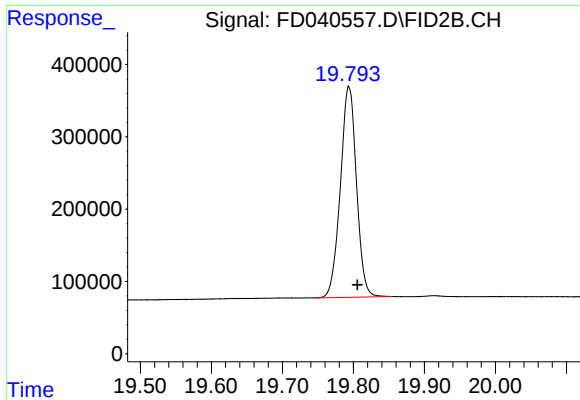
#19 n-Tetratriacontane (C34)

R.T.: 18.360 min  
Delta R.T.: -0.010 min  
Response: 5823348  
Conc: 55.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.097 min  
Delta R.T.: -0.010 min  
Response: 4914432  
Conc: 48.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.793 min  
Delta R.T.: -0.013 min  
Response: 4601696  
Conc: 51.50 ug/ml

Instrument :

FID\_D

ClientSampleId :

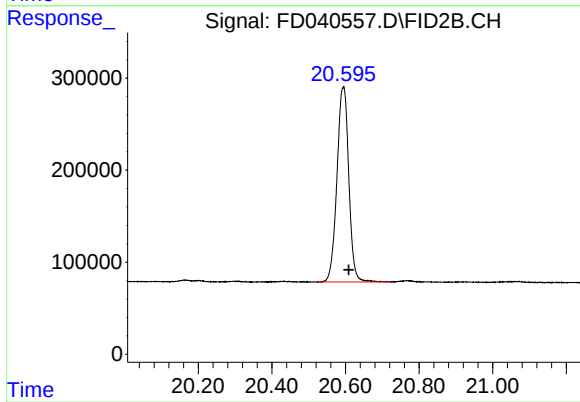
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#22 n-Tetracontane (C40)

R.T.: 20.595 min  
Delta R.T.: -0.014 min  
Response: 4722263  
Conc: 55.24 ug/ml