

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031122AL\  
 Data File : FD041516.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Mar 2022 18:10  
 Operator : UA/NP  
 Sample : PB143269BSD  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB143269BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/14/2022  
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: sample.E  
 Quant Time: Mar 11 22:04:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 24 01:21:33 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)    | 11.247 | 6557446    | 37.803 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 75.61%        |
| 12) S 1-chlorooctadecane (S... | 12.686 | 5168894    | 38.179 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 76.36%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.120  | 6260474    | 42.992 ug/ml  |
| 2) T n-Decane (C10)            | 4.158  | 6608415    | 45.767 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.706  | 7773420    | 48.662 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.151  | 7189661    | 48.545 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.752  | 7867877    | 49.165 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.930  | 7596493    | 50.742 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.517  | 7745569    | 50.879 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.950 | 7898873    | 50.820 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.251 | 7839120    | 50.496 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.857 | 7494854    | 47.864 ug/ml  |
| 13) T n-Docosane (C22)         | 13.441 | 7355074    | 46.964 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.537 | 7256586    | 46.264 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.554 | 6843857    | 44.544 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.497 | 6669354    | 44.813 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.383 | 6340648    | 45.064 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.208 | 6187296    | 48.632 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.989 | 6207288    | 54.499 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.723 | 6249043    | 60.970 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.422 | 6296300    | 66.316 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.212 | 6450731    | 68.065 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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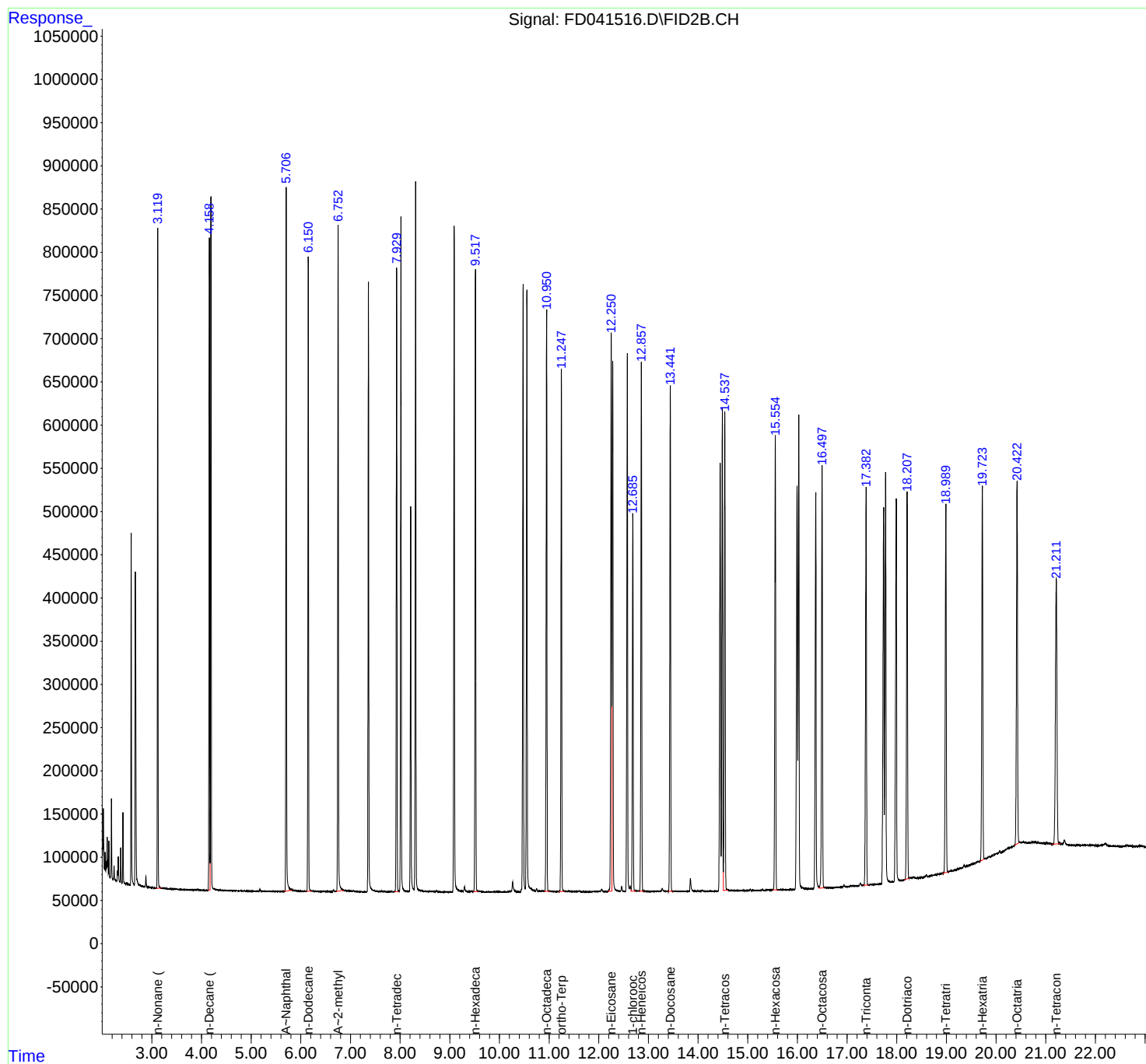
Instrument :  
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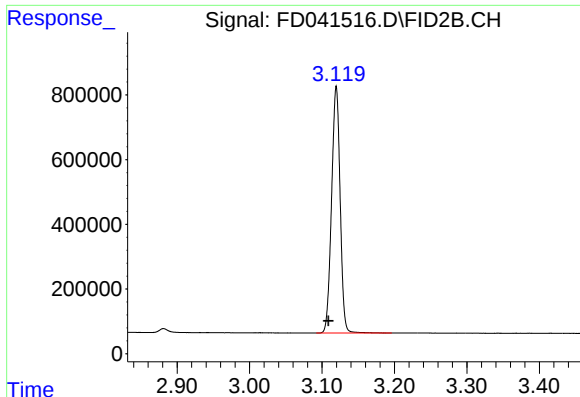
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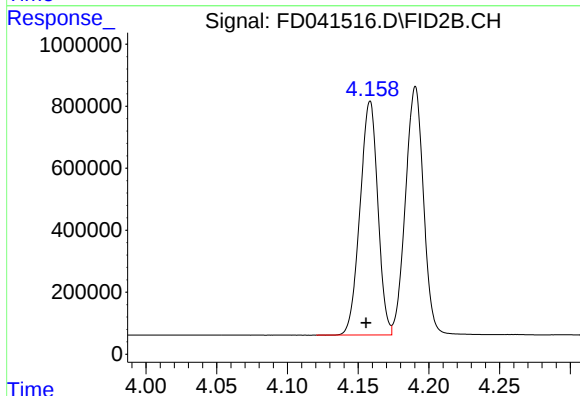
#1 n-Nonane (C9)

R.T.: 3.120 min  
Delta R.T.: 0.011 min  
Response: 6260474  
Conc: 42.99 ug/ml

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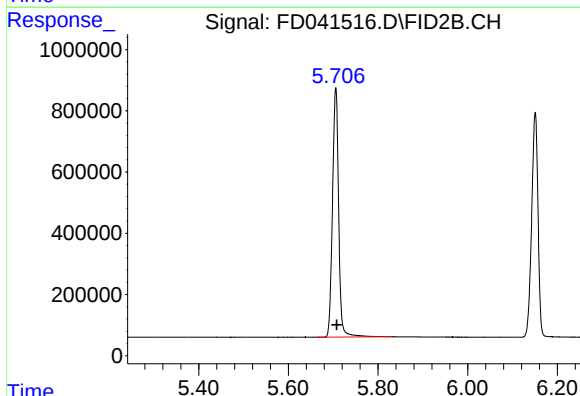
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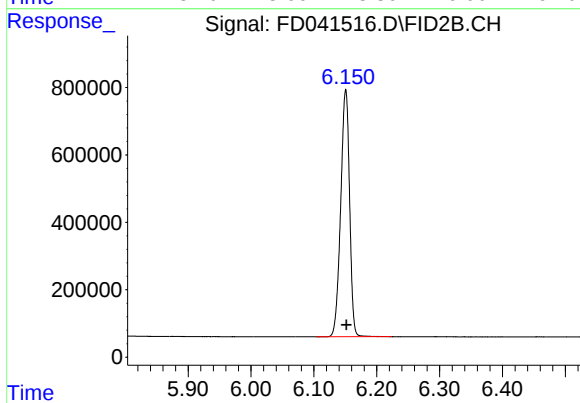
#2 n-Decane (C10)

R.T.: 4.158 min  
Delta R.T.: 0.003 min  
Response: 6608415  
Conc: 45.77 ug/ml



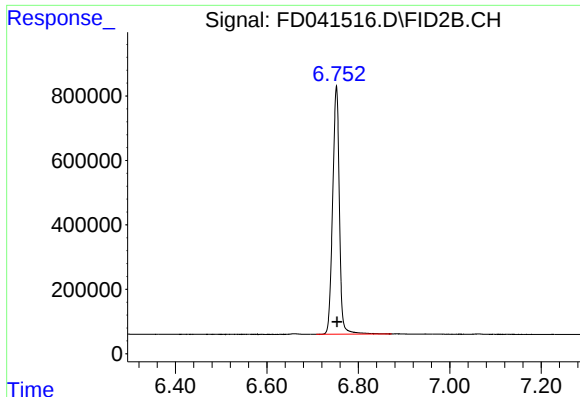
#3 A~Naphthalene (C11.7)

R.T.: 5.706 min  
Delta R.T.: -0.002 min  
Response: 7773420  
Conc: 48.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 7189661  
Conc: 48.54 ug/ml



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

R.T.: 6.752 min  
Delta R.T.: -0.002 min  
Response: 7867877  
Conc: 49.17 ug/ml

Instrument :

FID\_D

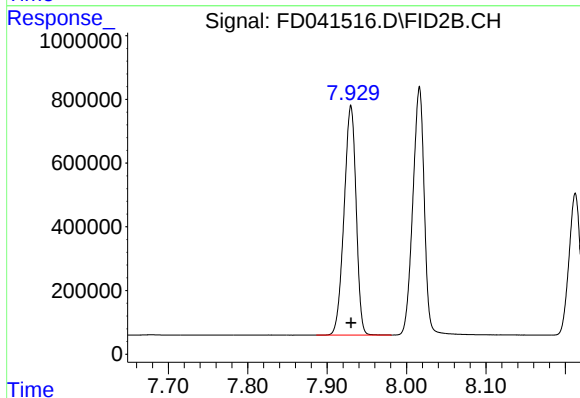
ClientSampleId :

PB143269BSD

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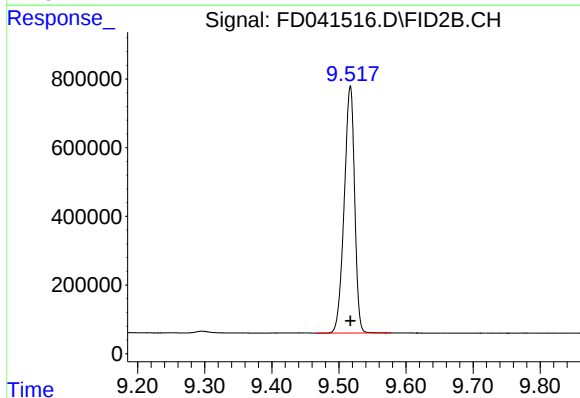
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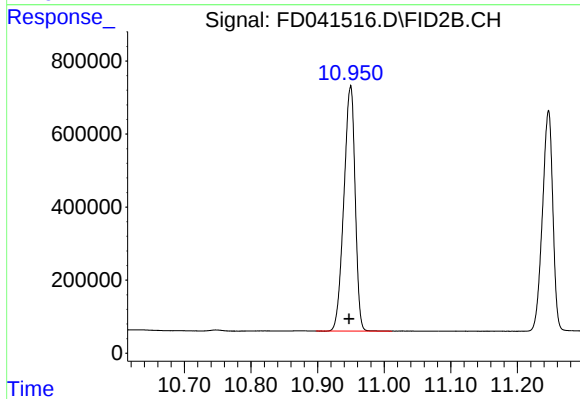
#6 n-Tetradecane (C14)

R.T.: 7.930 min  
Delta R.T.: 0.000 min  
Response: 7596493  
Conc: 50.74 ug/ml



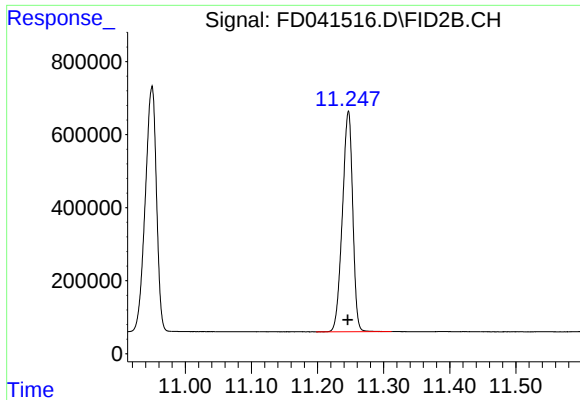
#7 n-Hexadecane (C16)

R.T.: 9.517 min  
Delta R.T.: 0.000 min  
Response: 7745569  
Conc: 50.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.950 min  
Delta R.T.: 0.002 min  
Response: 7898873  
Conc: 50.82 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.247 min  
Delta R.T.: 0.001 min  
Response: 6557446  
Conc: 37.80 ug/ml

Instrument :

FID\_D

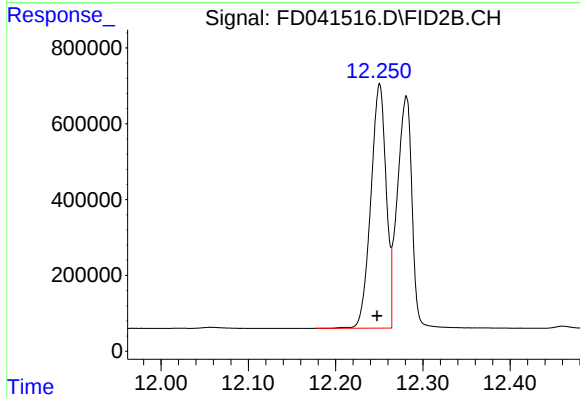
ClientSampleId :

PB143269BSD

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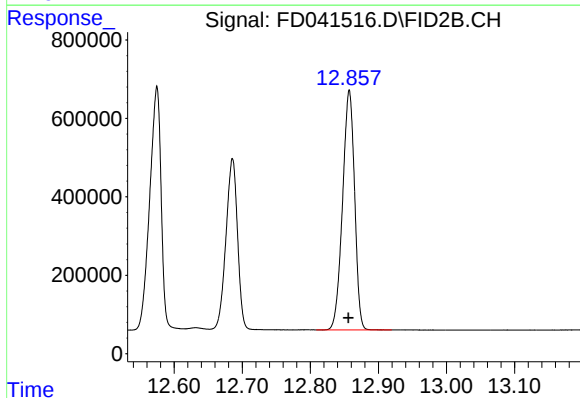
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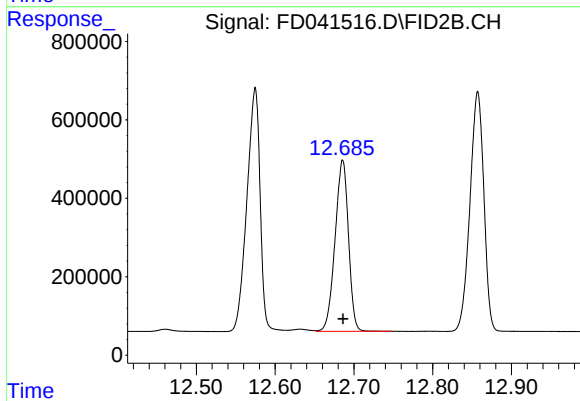
#10 n-Eicosane (C20)

R.T.: 12.251 min  
Delta R.T.: 0.003 min  
Response: 7839120  
Conc: 50.50 ug/ml



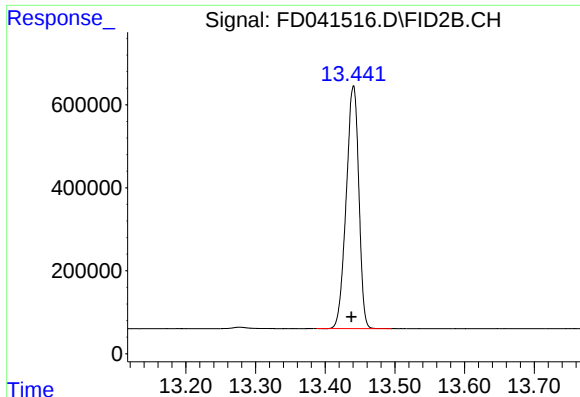
#11 n-Heneicosane (C21)

R.T.: 12.857 min  
Delta R.T.: 0.001 min  
Response: 7494854  
Conc: 47.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.686 min  
Delta R.T.: 0.000 min  
Response: 5168894  
Conc: 38.18 ug/ml



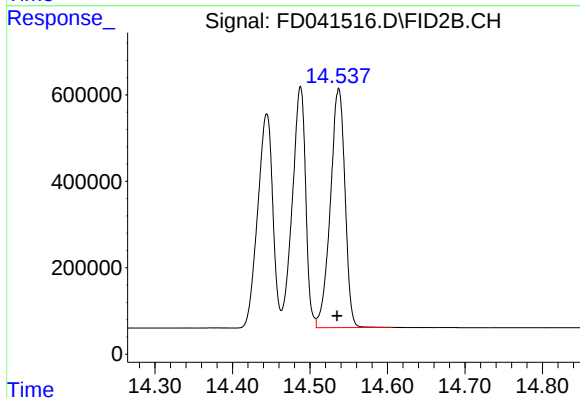
#13 n-Docosane (C22)

R.T.: 13.441 min  
Delta R.T.: 0.003 min  
Response: 7355074  
Conc: 46.96 ug/ml

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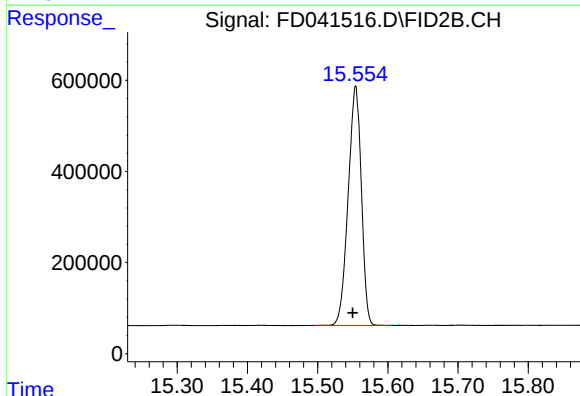
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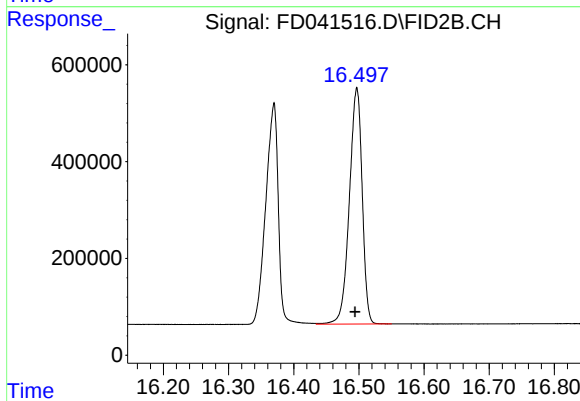
#14 n-Tetracosane (C24)

R.T.: 14.537 min  
Delta R.T.: 0.002 min  
Response: 7256586  
Conc: 46.26 ug/ml



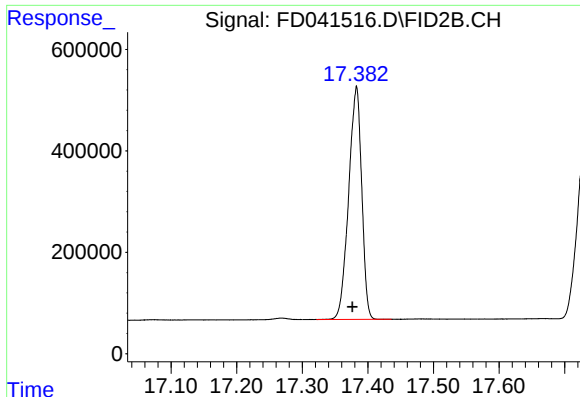
#15 n-Hexacosane (C26)

R.T.: 15.554 min  
Delta R.T.: 0.004 min  
Response: 6843857  
Conc: 44.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.497 min  
Delta R.T.: 0.003 min  
Response: 6669354  
Conc: 44.81 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.383 min  
Delta R.T.: 0.006 min  
Response: 6340648  
Conc: 45.06 ug/ml

Instrument :

FID\_D

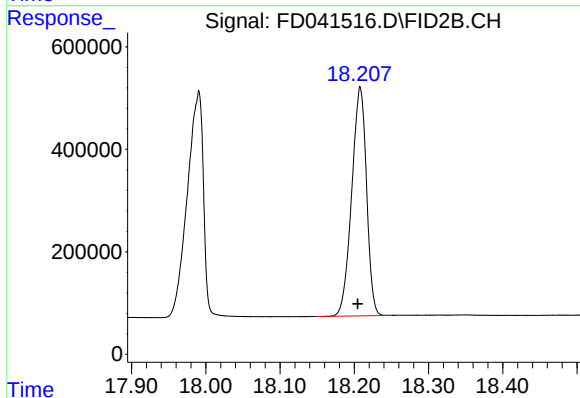
ClientSampleId :

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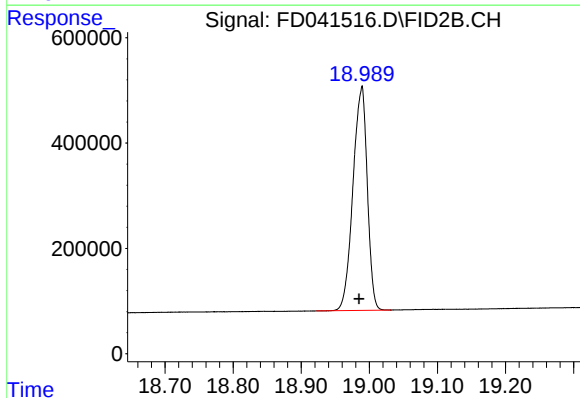
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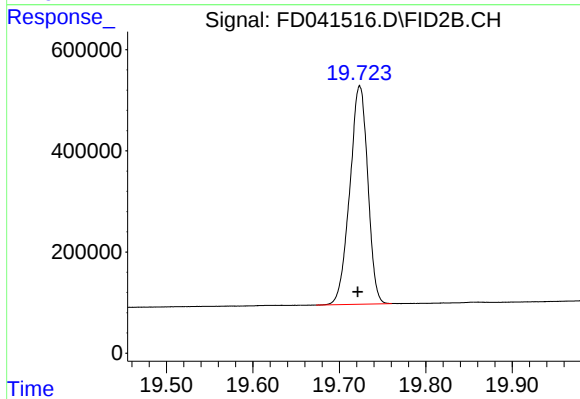
#18 n-Dotriacontane (C32)

R.T.: 18.208 min  
Delta R.T.: 0.003 min  
Response: 6187296  
Conc: 48.63 ug/ml



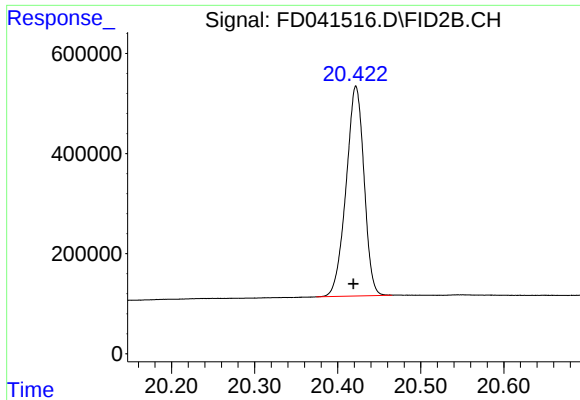
#19 n-Tetratriacontane (C34)

R.T.: 18.989 min  
Delta R.T.: 0.004 min  
Response: 6207288  
Conc: 54.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.723 min  
Delta R.T.: 0.002 min  
Response: 6249043  
Conc: 60.97 ug/ml m



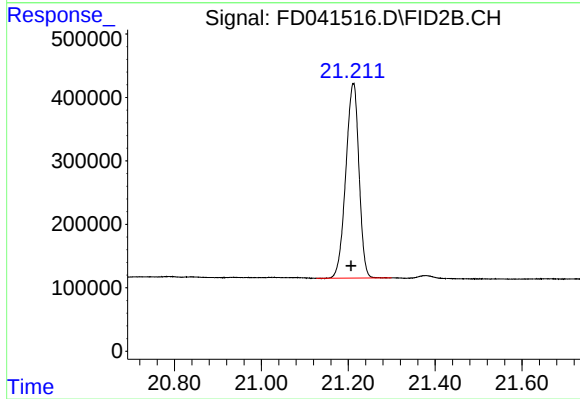
#21 n-Octatriacontane (C38)

R.T.: 20.422 min  
Delta R.T.: 0.002 min  
Response: 6296300  
Conc: 66.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.212 min  
Delta R.T.: 0.005 min  
Response: 6450731  
Conc: 68.07 ug/ml