

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060622AL\  
 Data File : FE035928.D  
 Signal(s) : FID1B.CH  
 Acq On : 06 Jun 2022 23:08  
 Operator : YP\AJ  
 Sample : PB145302BSD  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB145302BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/07/2022  
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: sample.E  
 Quant Time: Jun 07 01:26:18 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051022.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 11 03:24:10 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)    | 10.954 | 6235760    | 47.009 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 94.02%        |
| 12) S 1-chlorooctadecane (S... | 12.385 | 4955706    | 47.375 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 94.75%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.811  | 5132139    | 42.971 ug/ml  |
| 2) T n-Decane (C10)            | 3.822  | 5293482    | 44.733 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.386  | 6212377    | 46.492 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.808  | 5662911    | 47.267 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.436  | 6312647    | 46.680 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.599  | 6071371    | 50.939 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.195  | 6344048    | 53.205 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.635 | 6590422    | 54.977 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.941 | 6405291    | 53.690 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.551 | 6353054    | 52.913 ug/ml  |
| 13) T n-Docosane (C22)         | 13.136 | 6320371    | 52.483 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.230 | 12621618   | 104.311 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.257 | 6182028    | 51.086 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.203 | 6089448    | 50.245 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.089 | 5964149    | 49.601 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.919 | 5897439    | 51.317 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.700 | 5707654    | 52.763 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.434 | 5319504    | 52.807 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.173 | 5052732    | 53.033 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.088 | 5072066    | 54.313 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB145302BSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

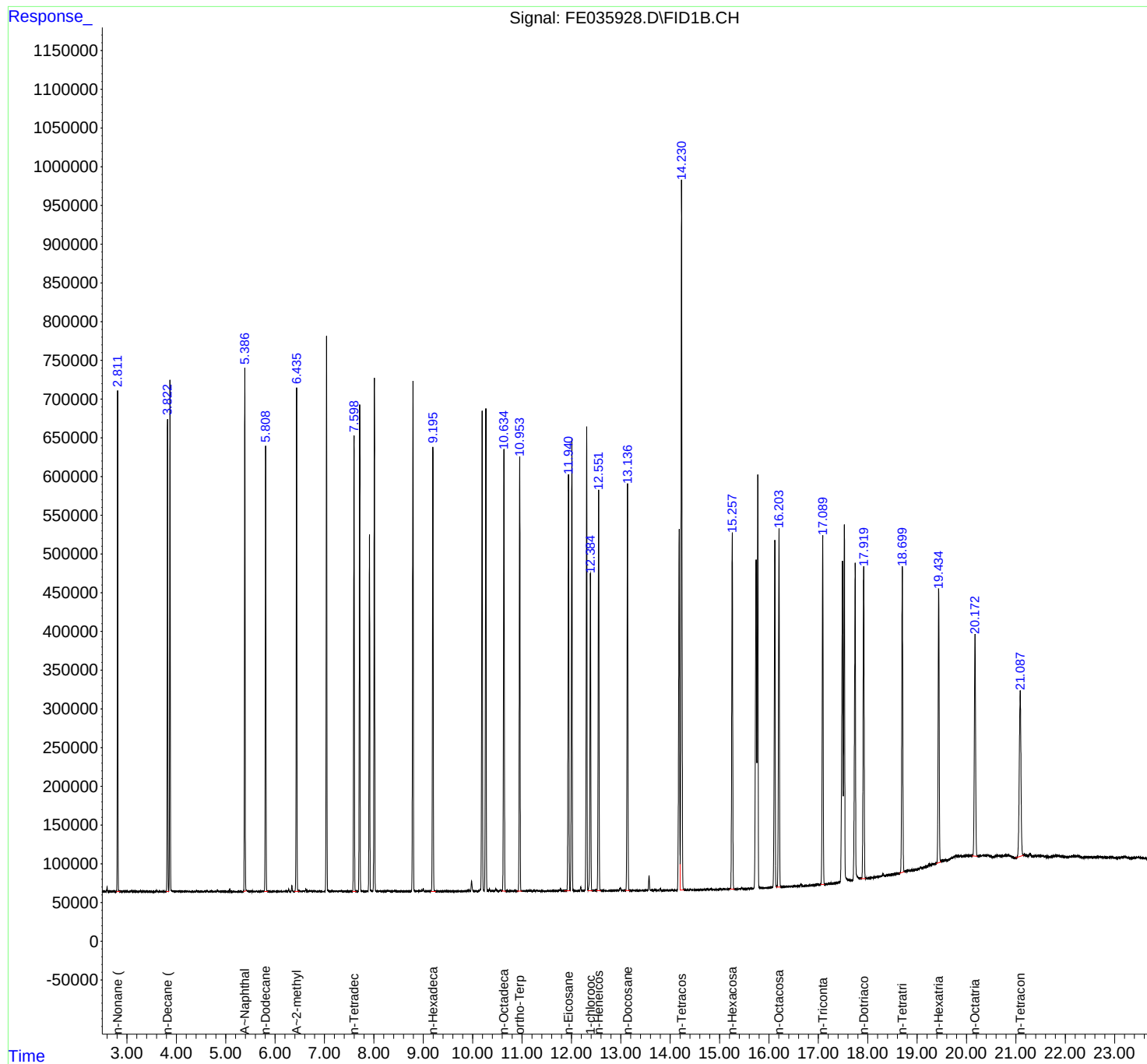
Instrument :  
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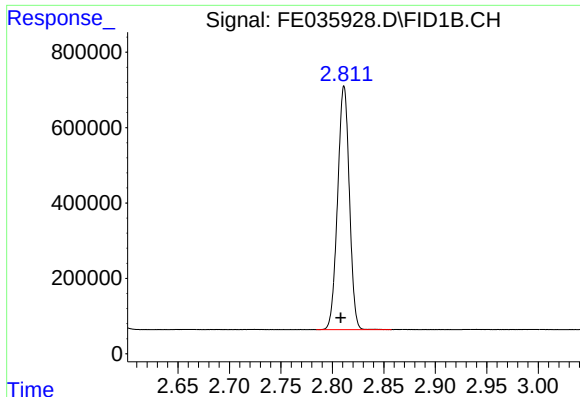
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.811 min  
Delta R.T.: 0.003 min  
Response: 5132139  
Conc: 42.97 ug/ml

Instrument :

FID\_E

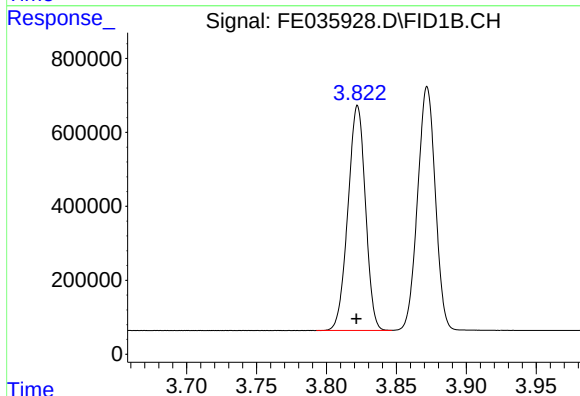
ClientSampleId :

PB145302BSD

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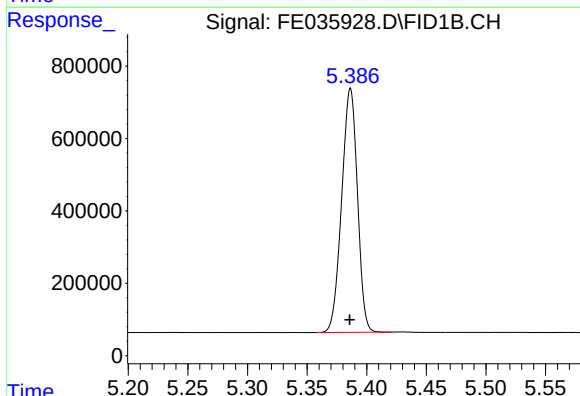
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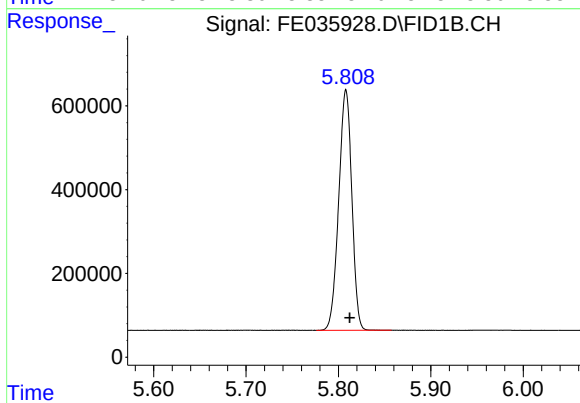
#2 n-Decane (C10)

R.T.: 3.822 min  
Delta R.T.: 0.000 min  
Response: 5293482  
Conc: 44.73 ug/ml



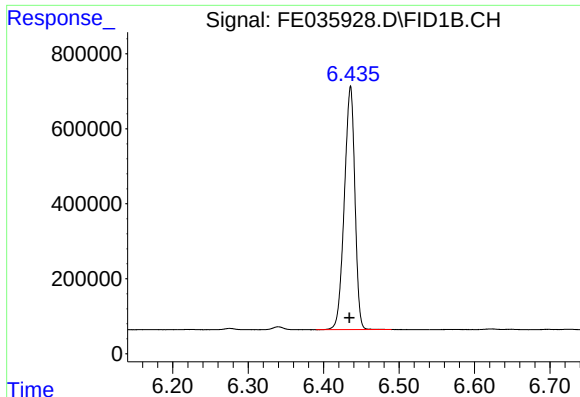
#3 A~Naphthalene (C11.7)

R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 6212377  
Conc: 46.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.808 min  
Delta R.T.: -0.004 min  
Response: 5662911  
Conc: 47.27 ug/ml



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

R.T.: 6.436 min  
Delta R.T.: 0.001 min  
Response: 6312647  
Conc: 46.68 ug/ml

Instrument :

FID\_E

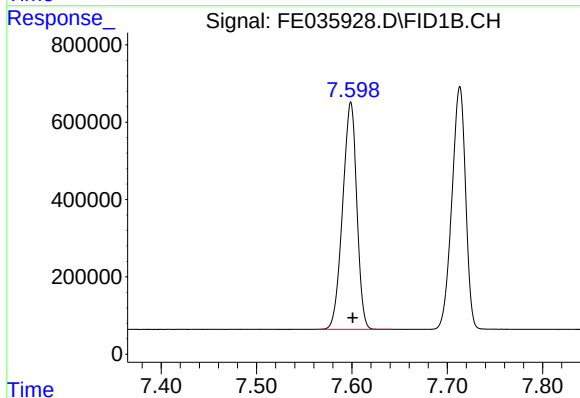
ClientSampleId :

PB145302BSD

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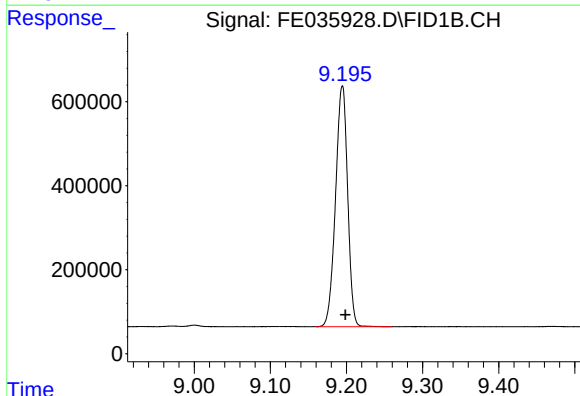
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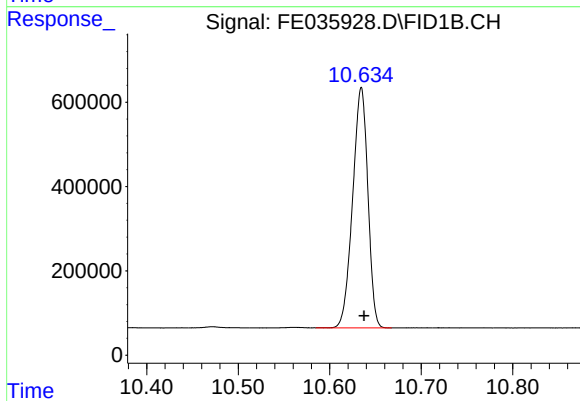
#6 n-Tetradecane (C14)

R.T.: 7.599 min  
Delta R.T.: -0.002 min  
Response: 6071371  
Conc: 50.94 ug/ml



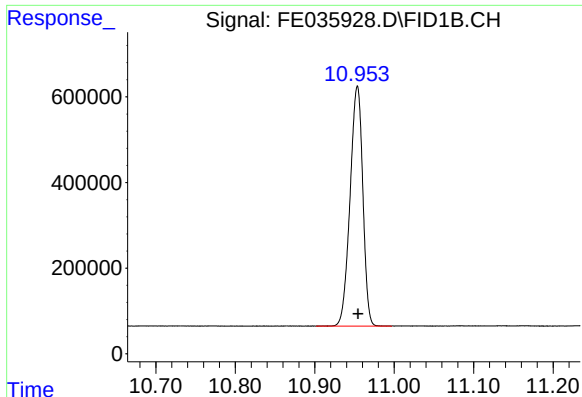
#7 n-Hexadecane (C16)

R.T.: 9.195 min  
Delta R.T.: -0.004 min  
Response: 6344048  
Conc: 53.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.635 min  
Delta R.T.: -0.003 min  
Response: 6590422  
Conc: 54.98 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.954 min  
Delta R.T.: -0.001 min  
Response: 6235760  
Conc: 47.01 ug/ml

Instrument :

FID\_E

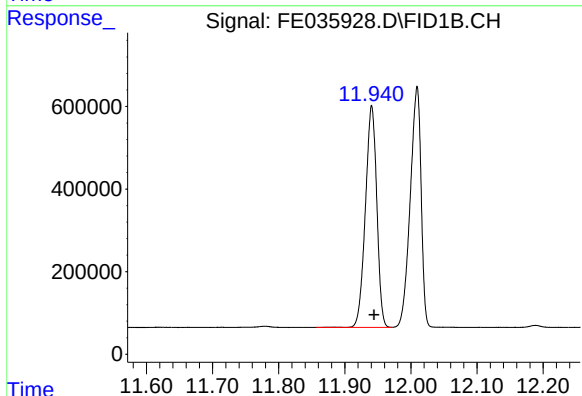
ClientSampleId :

PB145302BSD

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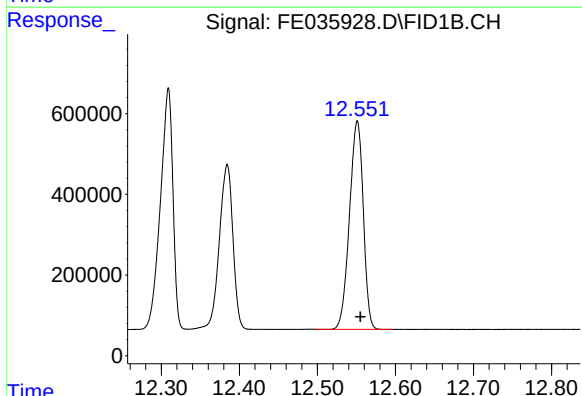
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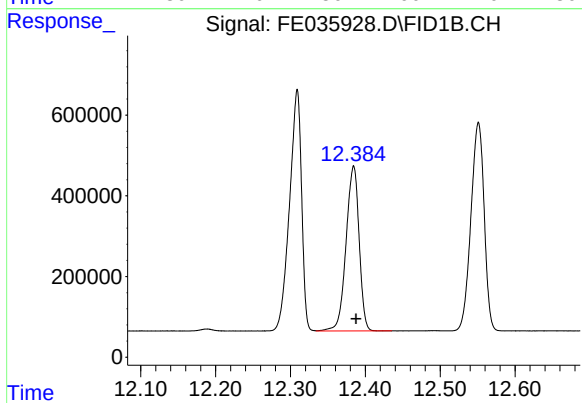
#10 n-Eicosane (C20)

R.T.: 11.941 min  
Delta R.T.: -0.003 min  
Response: 6405291  
Conc: 53.69 ug/ml



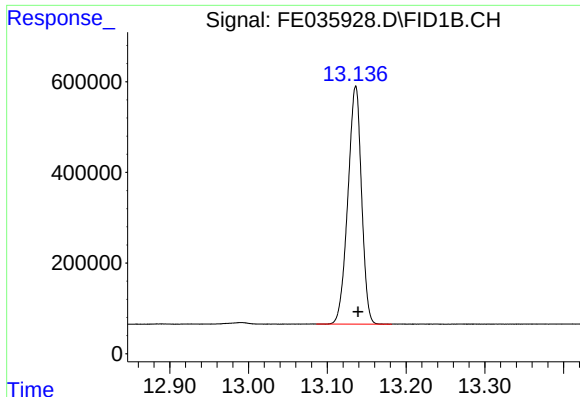
#11 n-Heneicosane (C21)

R.T.: 12.551 min  
Delta R.T.: -0.004 min  
Response: 6353054  
Conc: 52.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.385 min  
Delta R.T.: -0.003 min  
Response: 4955706  
Conc: 47.38 ug/ml



#13 n-Docosane (C22)

R.T.: 13.136 min  
Delta R.T.: -0.003 min  
Response: 6320371  
Conc: 52.48 ug/ml

Instrument :

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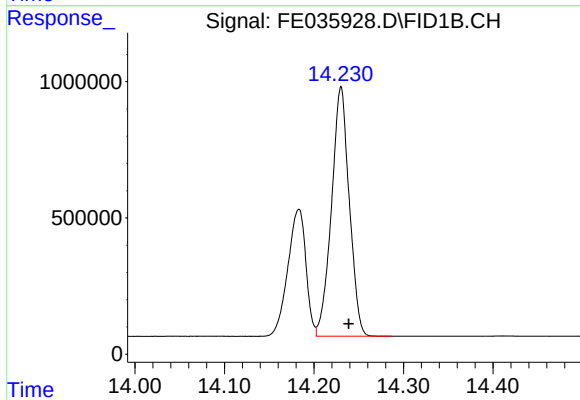
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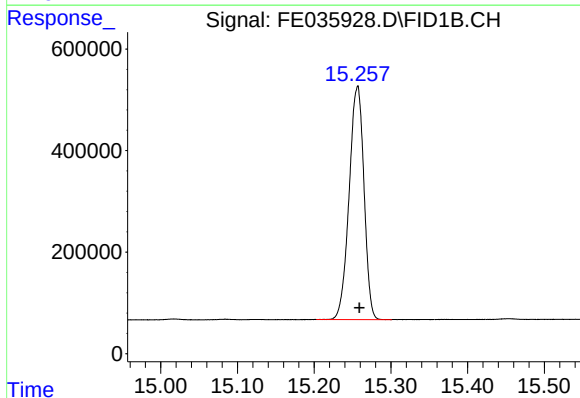
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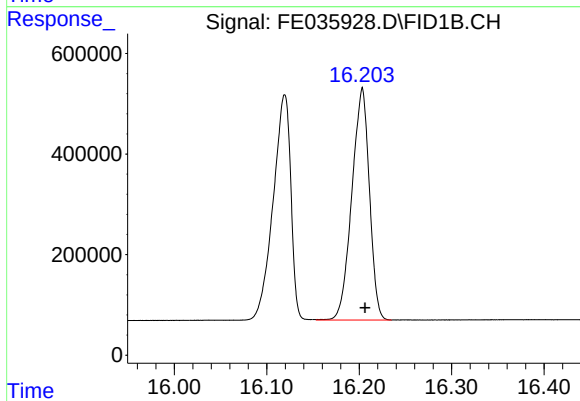
#14 n-Tetracosane (C24)

R.T.: 14.230 min  
Delta R.T.: -0.009 min  
Response: 12621618  
Conc: 104.31 ug/ml



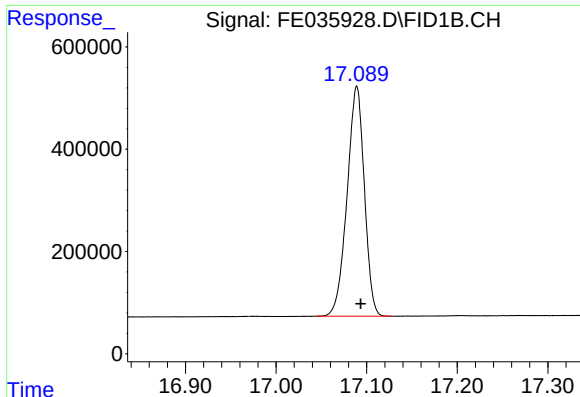
#15 n-Hexacosane (C26)

R.T.: 15.257 min  
Delta R.T.: -0.003 min  
Response: 6182028  
Conc: 51.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.203 min  
Delta R.T.: -0.003 min  
Response: 6089448  
Conc: 50.24 ug/ml



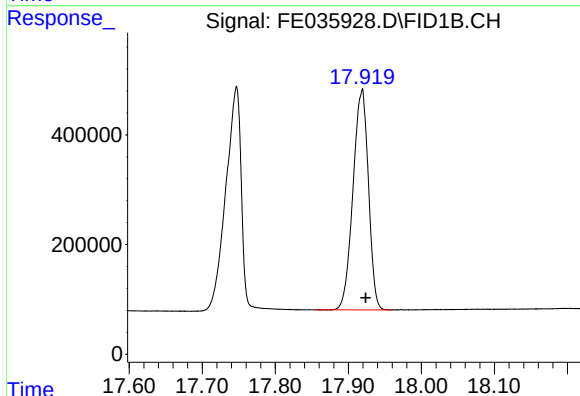
#17 n-Tricontane (C30)

R.T.: 17.089 min  
Delta R.T.: -0.004 min  
Response: 5964149  
Conc: 49.60 ug/ml

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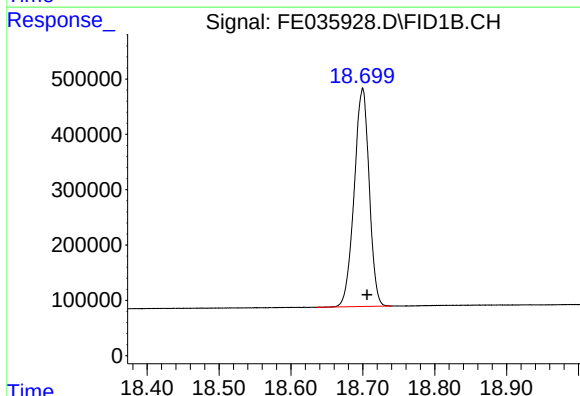
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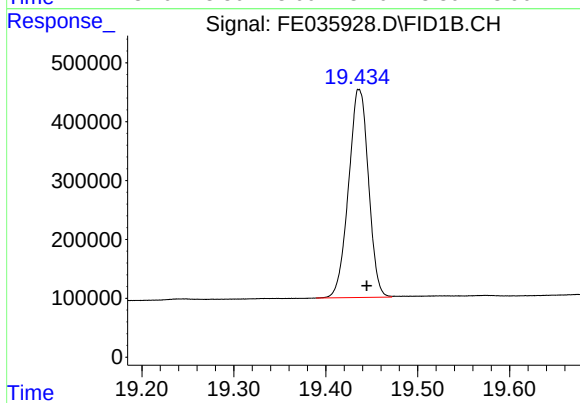
#18 n-Dotriacontane (C32)

R.T.: 17.919 min  
Delta R.T.: -0.005 min  
Response: 5897439  
Conc: 51.32 ug/ml



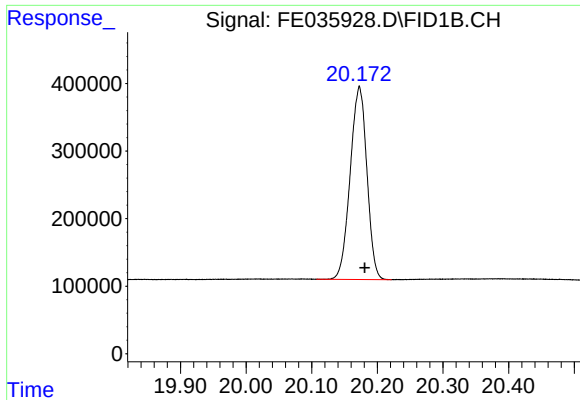
#19 n-Tetratriacontane (C34)

R.T.: 18.700 min  
Delta R.T.: -0.006 min  
Response: 5707654  
Conc: 52.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.434 min  
Delta R.T.: -0.010 min  
Response: 5319504  
Conc: 52.81 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.173 min  
Delta R.T.: -0.008 min  
Response: 5052732  
Conc: 53.03 ug/ml

Instrument :

FID\_E

ClientSampleId :

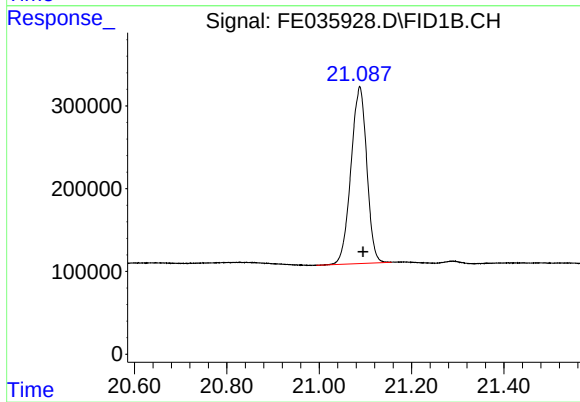
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#22 n-Tetracontane (C40)

R.T.: 21.088 min  
Delta R.T.: -0.007 min  
Response: 5072066  
Conc: 54.31 ug/ml