

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020822AL\  
 Data File : FE034953.D  
 Signal(s) : FID1B.CH  
 Acq On : 10 Feb 2022 9:07  
 Operator : YP\AJ  
 Sample : N1426-04MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 POST-EX-04-0207MS

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/10/2022  
 Supervised By :Ankita Jodhani 02/10/2022

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 Jodhani

02/10/2022

Integration File: sample.E  
 Quant Time: Feb 10 10:00:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020822.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 22:05:03 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.558 | 6433567    | 28.775 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 57.55%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.989  | 5926864    | 23.365 ug/ml |
| 2) T n-Decane (C10)            | 4.007  | 7347215    | 28.625 ug/ml |
| 4) T n-Dodecane (C12)          | 5.996  | 8580828    | 33.352 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.783  | 9692162    | 37.054 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.379  | 11029279   | 42.060 ug/ml |
| 8) T n-Octadecane (C18)        | 10.817 | 11871384   | 44.523 ug/ml |
| 10) T n-Eicosane (C20)         | 12.122 | 12019200   | 46.022 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.730 | 11303815   | 43.149 ug/ml |
| 13) T n-Docosane (C22)         | 13.313 | 11314844   | 43.892 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.412 | 11046518   | 43.568 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.427 | 10873870   | 44.532 ug/ml |
| 16) T n-Octacosane (C28)       | 16.371 | 10506446   | 44.153 ug/ml |
| 17) T n-Tricontane (C30)       | 17.254 | 10151638   | 44.141 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.083 | 9704119    | 45.399 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.863 | 9725022    | 48.253 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.602 | 9550827    | 50.494 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.312 | 9439217    | 51.884 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.162 | 9634857    | 52.598 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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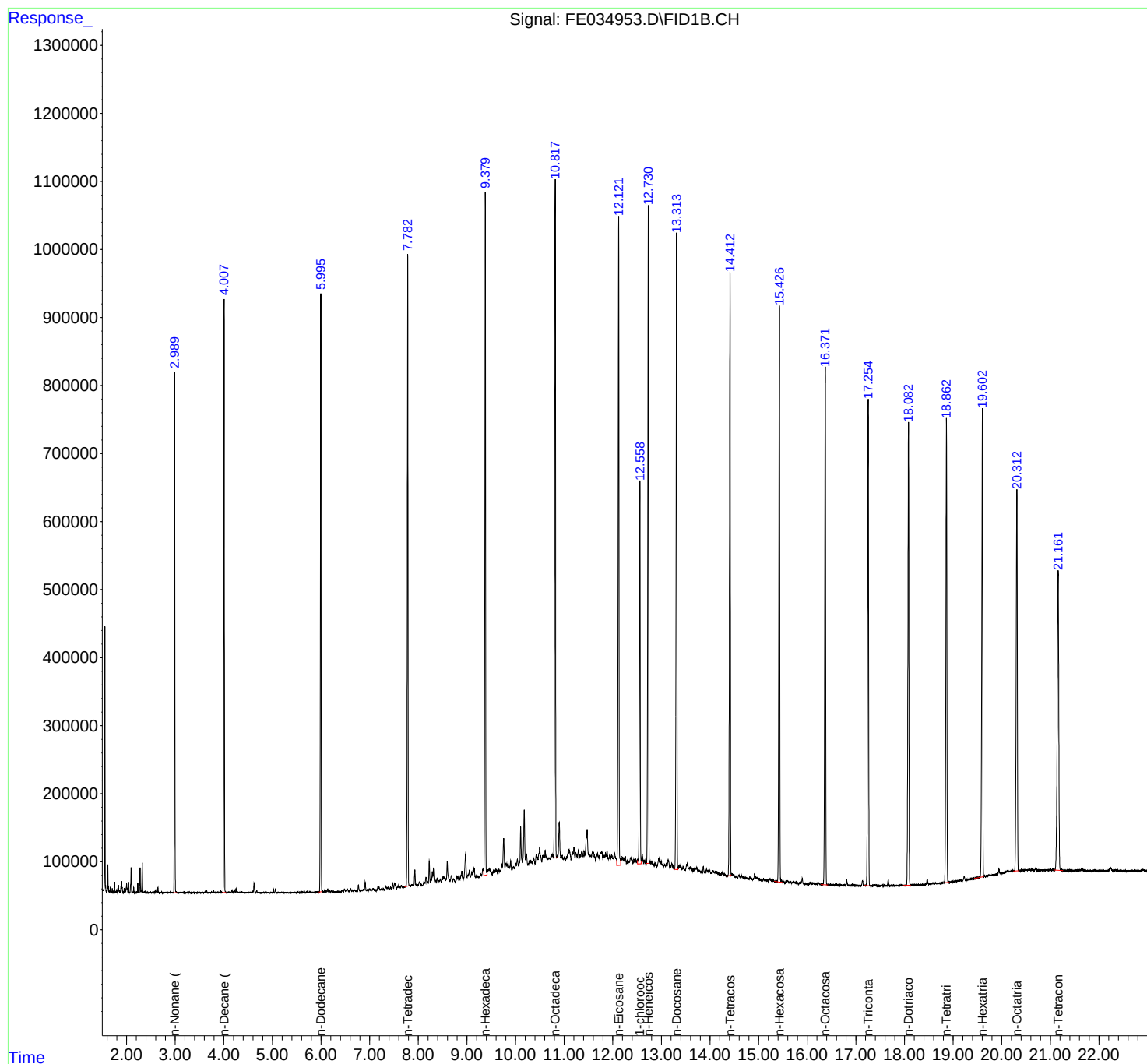
Reviewed By :Yogesh Patel 02/10/2022  
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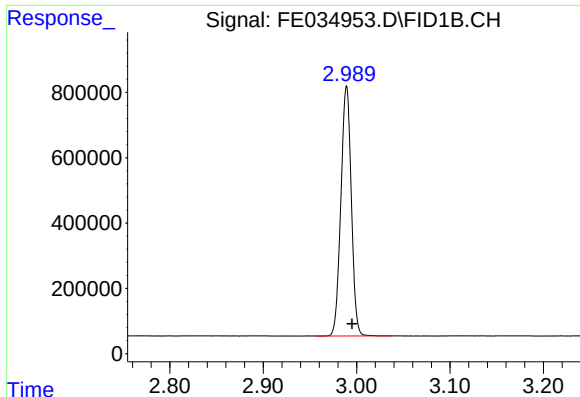
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.989 min  
Delta R.T.: -0.006 min  
Response: 5926864  
Conc: 23.37 ug/ml

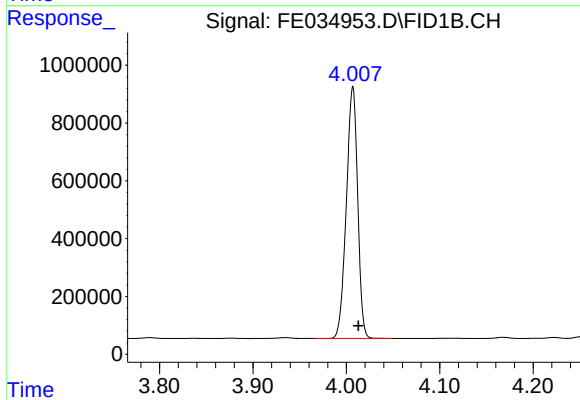
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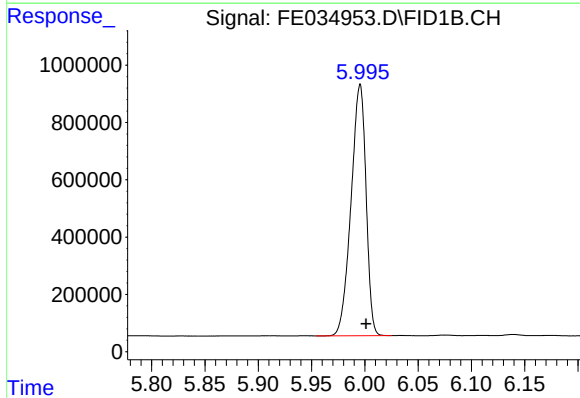
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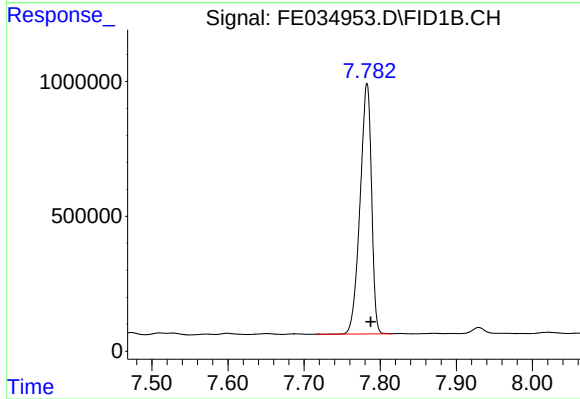
#2 n-Decane (C10)

R.T.: 4.007 min  
Delta R.T.: -0.006 min  
Response: 7347215  
Conc: 28.62 ug/ml



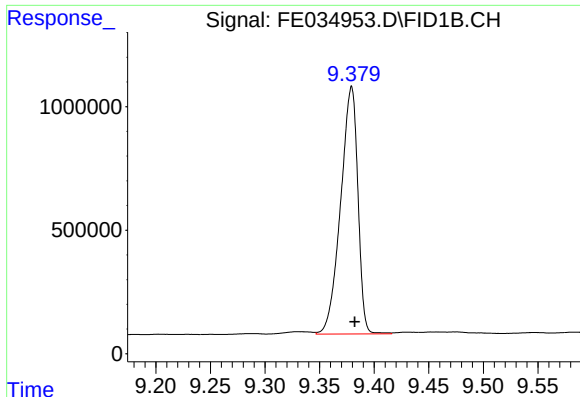
#4 n-Dodecane (C12)

R.T.: 5.996 min  
Delta R.T.: -0.006 min  
Response: 8580828  
Conc: 33.35 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.783 min  
Delta R.T.: -0.005 min  
Response: 9692162  
Conc: 37.05 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.379 min  
Delta R.T.: -0.003 min  
Response: 11029279  
Conc: 42.06 ug/ml

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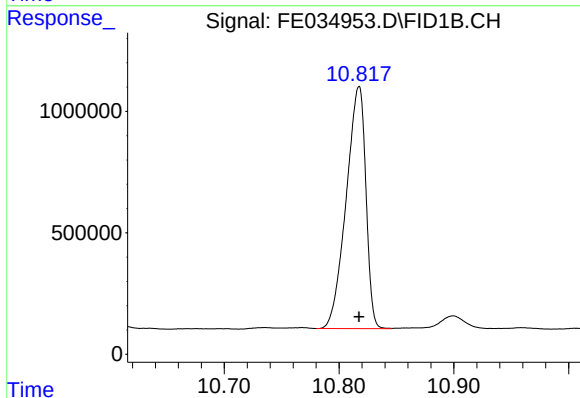
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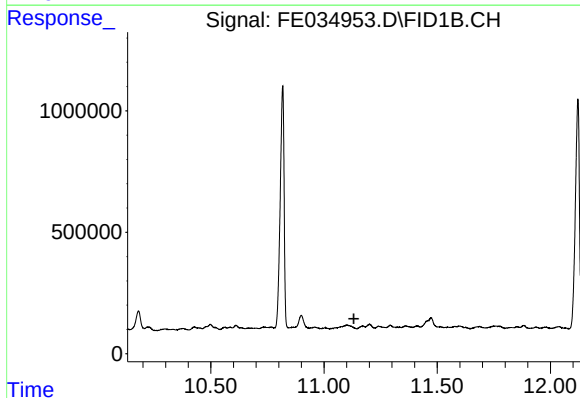
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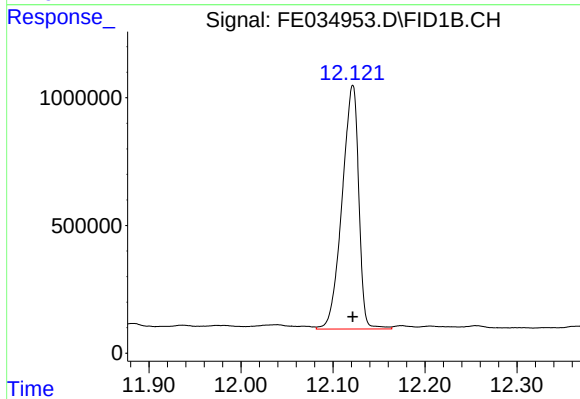
#8 n-Octadecane (C18)

R.T.: 10.817 min  
Delta R.T.: 0.000 min  
Response: 11871384  
Conc: 44.52 ug/ml m



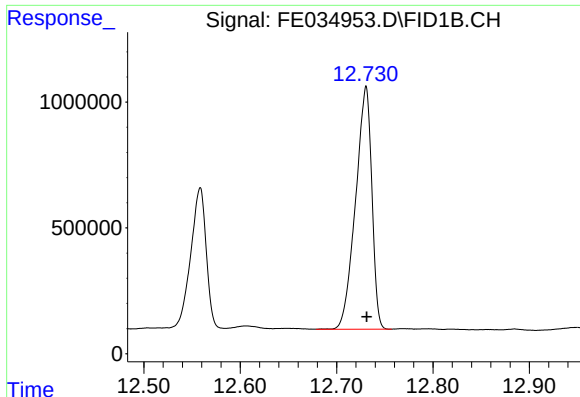
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.132 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.122 min  
Delta R.T.: 0.000 min  
Response: 12019200  
Conc: 46.02 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.730 min  
Delta R.T.: 0.000 min  
Response: 11303815  
Conc: 43.15 ug/ml

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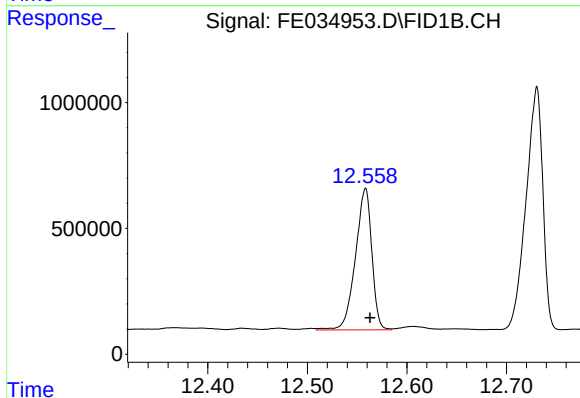
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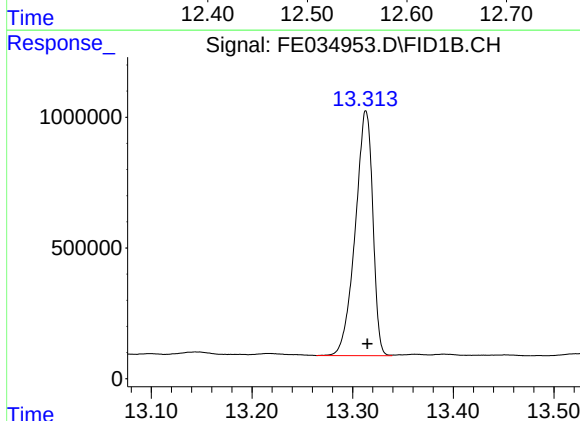
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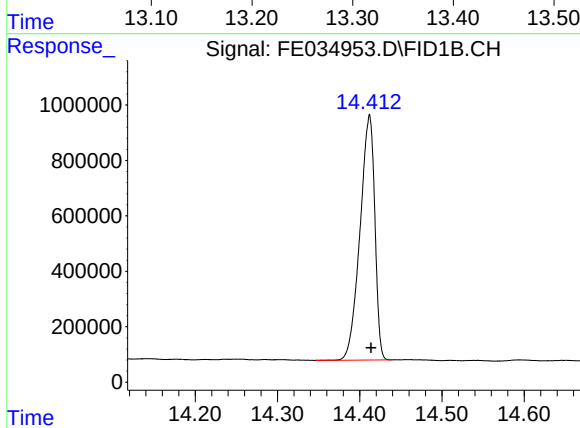
#12 1-chlorooctadecane (C18)

R.T.: 12.558 min  
Delta R.T.: -0.005 min  
Response: 6433567  
Conc: 28.78 ug/ml



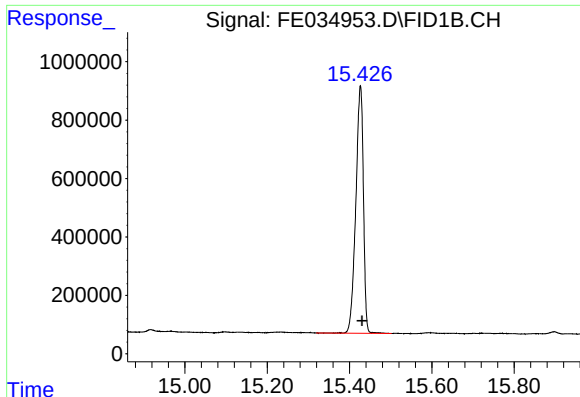
#13 n-Docosane (C22)

R.T.: 13.313 min  
Delta R.T.: -0.002 min  
Response: 11314844  
Conc: 43.89 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.412 min  
Delta R.T.: -0.002 min  
Response: 11046518  
Conc: 43.57 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.427 min  
Delta R.T.: -0.004 min  
Response: 10873870  
Conc: 44.53 ug/ml

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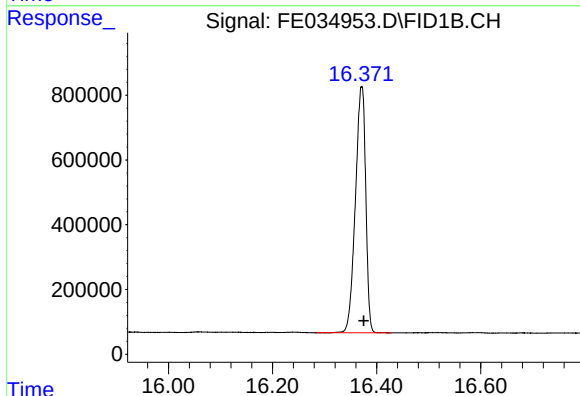
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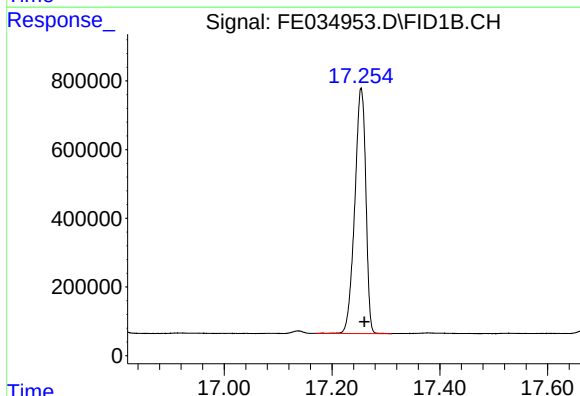
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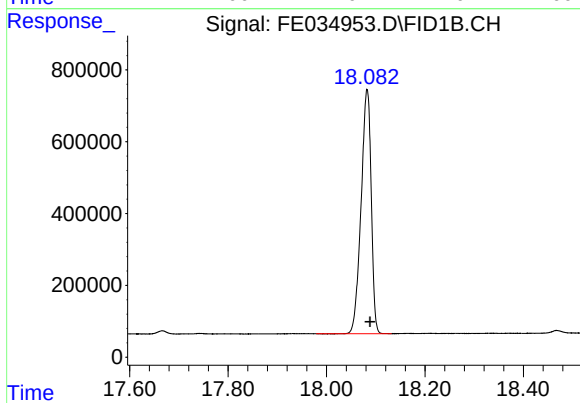
#16 n-Octacosane (C28)

R.T.: 16.371 min  
Delta R.T.: -0.004 min  
Response: 10506446  
Conc: 44.15 ug/ml



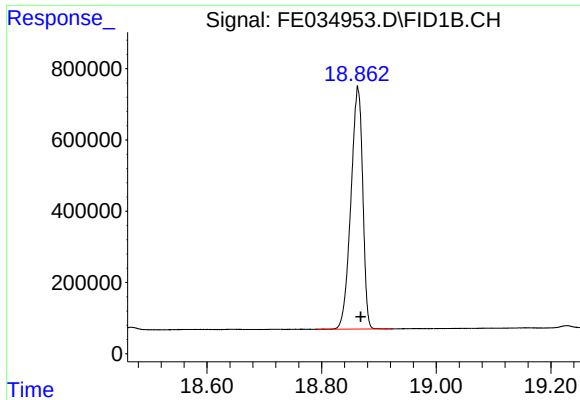
#17 n-Tricontane (C30)

R.T.: 17.254 min  
Delta R.T.: -0.006 min  
Response: 10151638  
Conc: 44.14 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.083 min  
Delta R.T.: -0.006 min  
Response: 9704119  
Conc: 45.40 ug/ml



#19 n-Tetratriacontane (C34)

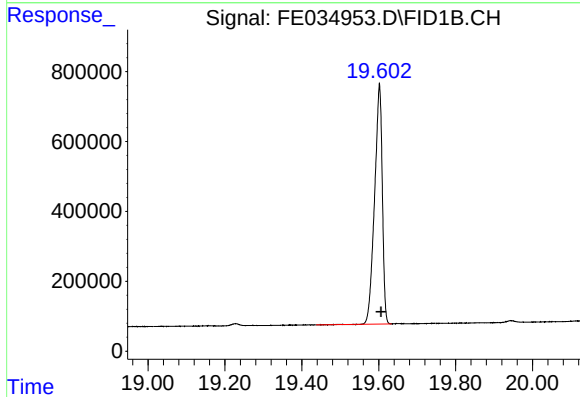
R.T.: 18.863 min  
Delta R.T.: -0.005 min  
Response: 9725022  
Conc: 48.25 ug/ml

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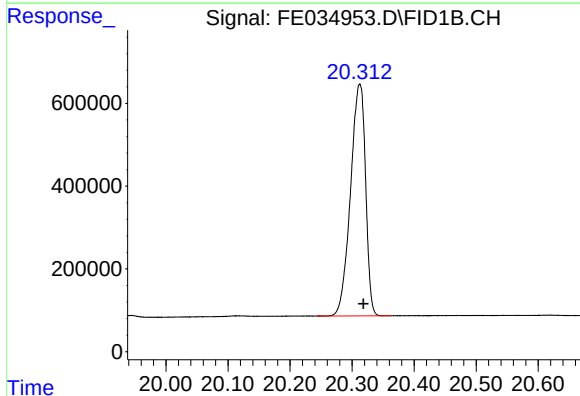


#20 n-Hexatriacontane (C36)

R.T.: 19.602 min  
Delta R.T.: -0.004 min  
Response: 9550827  
Conc: 50.49 ug/ml

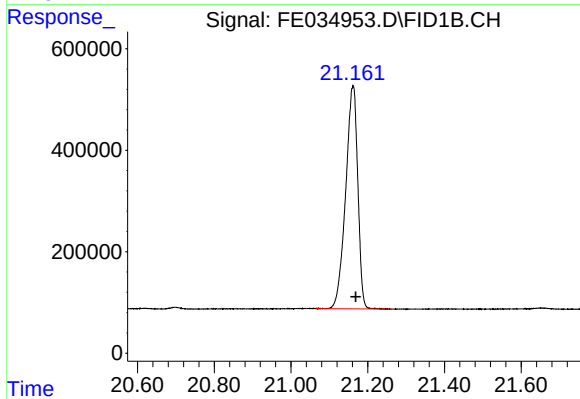
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#21 n-Octatriacontane (C38)

R.T.: 20.312 min  
Delta R.T.: -0.006 min  
Response: 9439217  
Conc: 51.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.162 min  
Delta R.T.: -0.007 min  
Response: 9634857  
Conc: 52.60 ug/ml