

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF062323AL\  
 Data File : FF012980.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Jun 2023 18:22  
 Operator : YP\AJ  
 Sample : 03365-24MS  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

**Instrument :**

FID\_F

**ClientSampleId :**

TP1MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e

Quant Time: Jun 24 04:06:18 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 062023.M

Quant Title : GC Extractables

QLast Update : Tue Jun 20 13:45:06 2023

Response via : Initial Calibration

Integrator: ChemStation

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)    | 10.875 | 3700938    | 25.082 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 50.16%        |
| 12) S 1-chlorooctadecane (S... | 12.306 | 3081342    | 29.084 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 58.17%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.745  | 3098992    | 26.254 ug/ml  |
| 2) T n-Decane (C10)            | 3.752  | 3490346    | 29.303 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.314  | 4014461    | 32.643 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.734  | 3900921    | 32.329 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.363  | 3998532    | 35.888 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.523  | 4092782    | 34.914 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.118  | 4221244    | 34.598 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.556 | 4370511    | 34.377 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.863 | 4161566    | 33.353 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.472 | 4072514    | 33.216 ug/ml  |
| 13) T n-Docosane (C22)         | 13.057 | 4019826    | 32.811 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.159 | 8267847    | 67.362 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.177 | 3862339    | 32.106 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.123 | 4443011    | 37.783 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.010 | 3848804    | 32.317 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.840 | 3963553    | 33.897 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.621 | 3688425    | 33.220 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.358 | 3498366    | 33.002 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.082 | 3330341    | 31.871 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.961 | 3211208    | 33.145 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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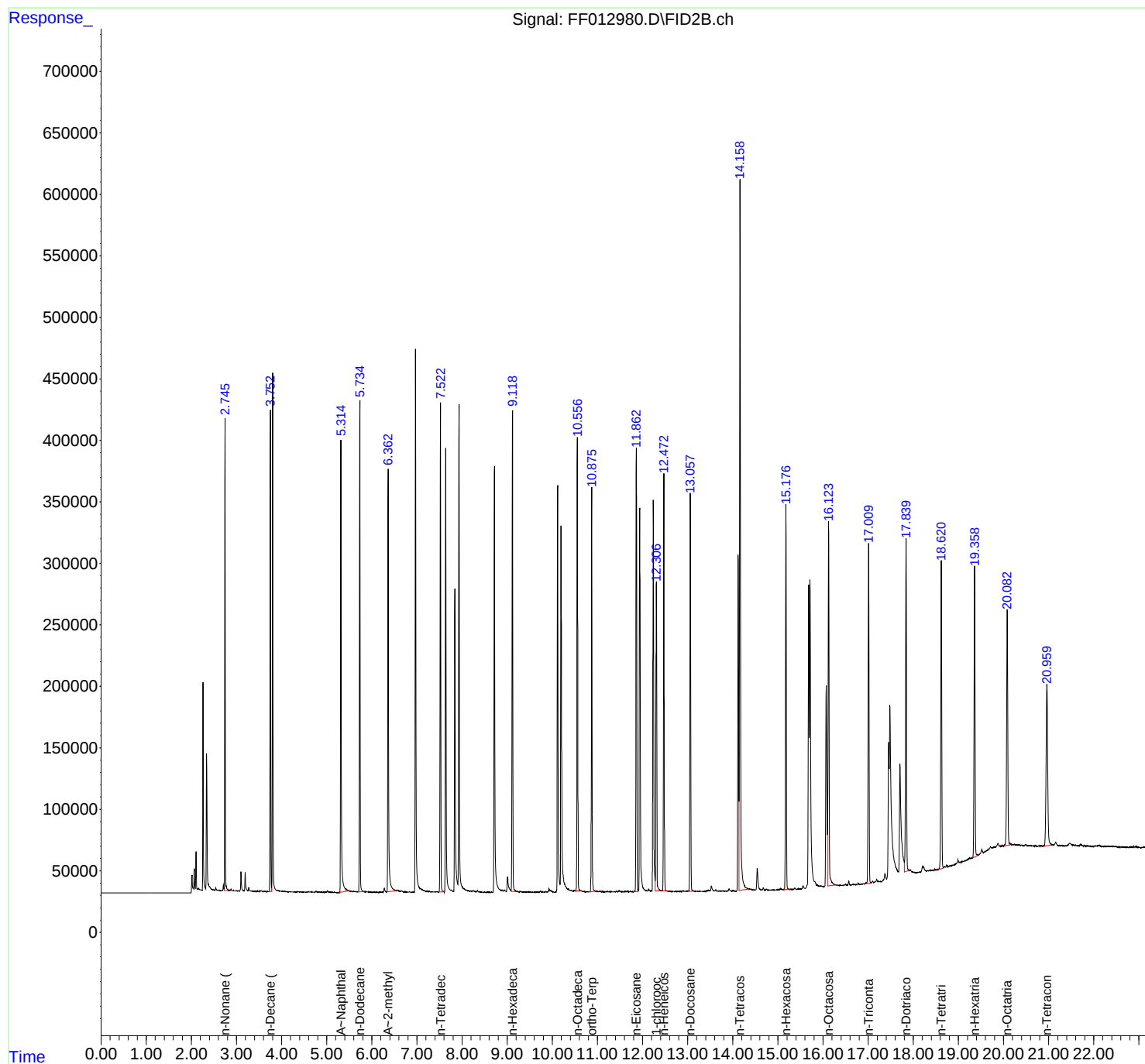
Response via : Initial Calibration

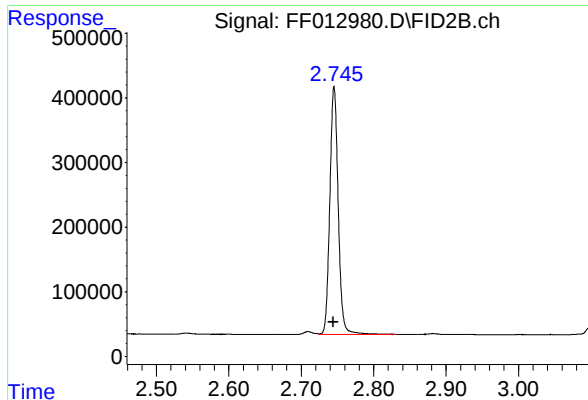
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





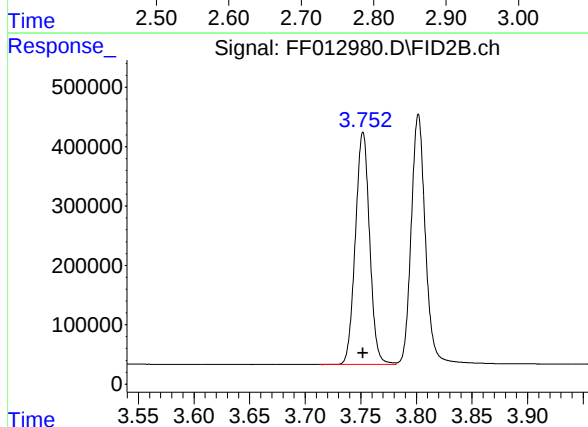
#1 n-Nonane (C9)

R.T.: 2.745 min  
Delta R.T.: 0.001 min  
Response: 3098992  
Conc: 26.25 ug/ml

Instrument : FID\_F  
ClientSampleId : TP1MS

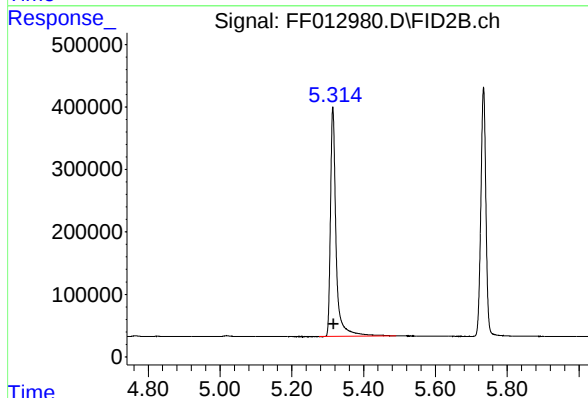
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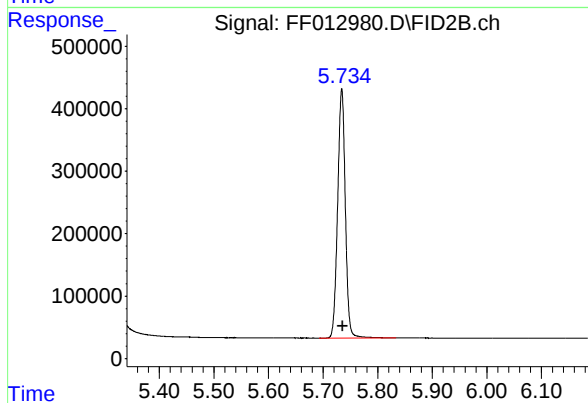
#2 n-Decane (C10)

R.T.: 3.752 min  
Delta R.T.: 0.000 min  
Response: 3490346  
Conc: 29.30 ug/ml



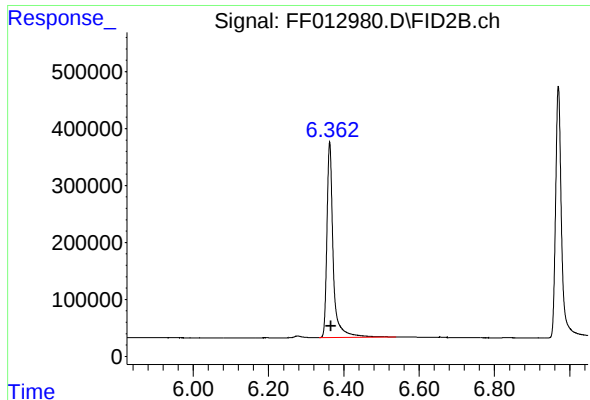
#3 A~Naphthalene (C11.7)

R.T.: 5.314 min  
Delta R.T.: -0.003 min  
Response: 4014461  
Conc: 32.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.734 min  
Delta R.T.: -0.002 min  
Response: 3900921  
Conc: 32.33 ug/ml



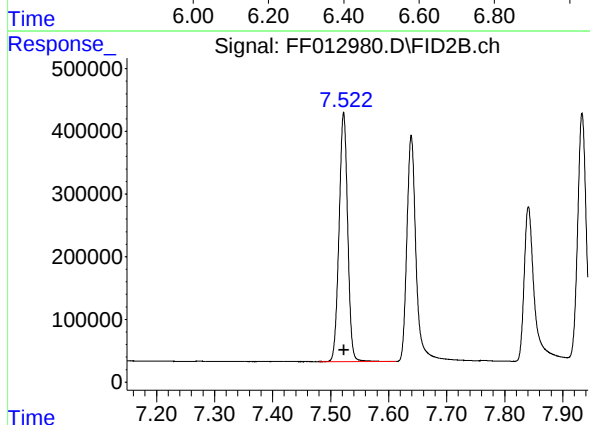
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.363 min  
Delta R.T.: -0.003 min  
Response: 3998532  
Conc: 35.89 ug/ml

Instrument :  
FID\_F  
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TP1MS

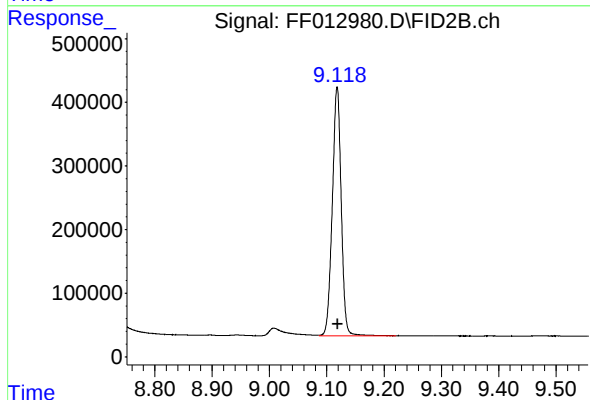
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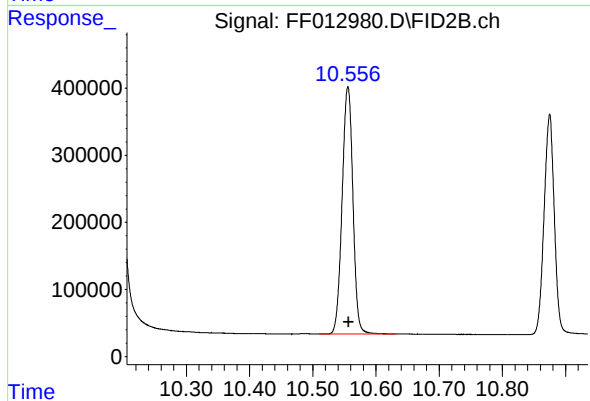
#6 n-Tetradecane (C14)

R.T.: 7.523 min  
Delta R.T.: 0.000 min  
Response: 4092782  
Conc: 34.91 ug/ml



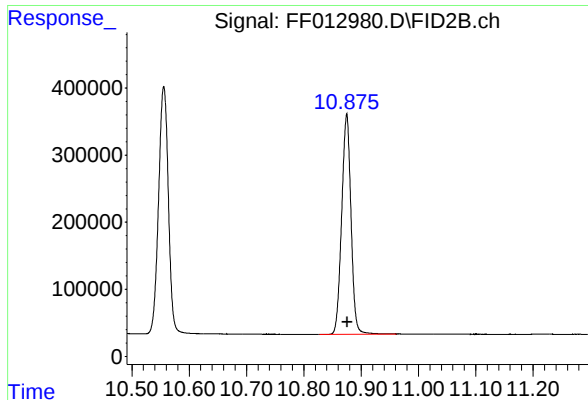
#7 n-Hexadecane (C16)

R.T.: 9.118 min  
Delta R.T.: 0.000 min  
Response: 4221244  
Conc: 34.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.556 min  
Delta R.T.: 0.000 min  
Response: 4370511  
Conc: 34.38 ug/ml



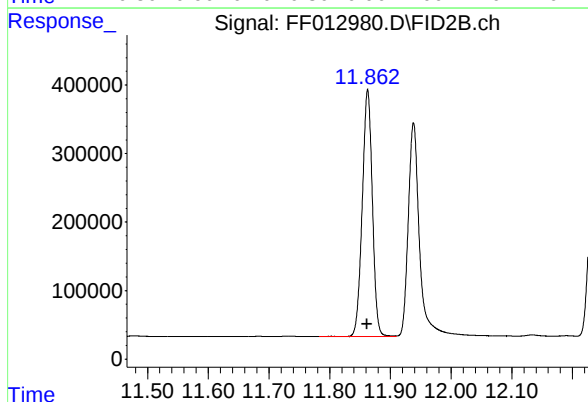
#9 ortho-Terphenyl (SURR)

R.T.: 10.875 min  
Delta R.T.: 0.000 min  
Response: 3700938  
Conc: 25.08 ug/ml

Instrument :  
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ClientSampleId :  
TP1MS

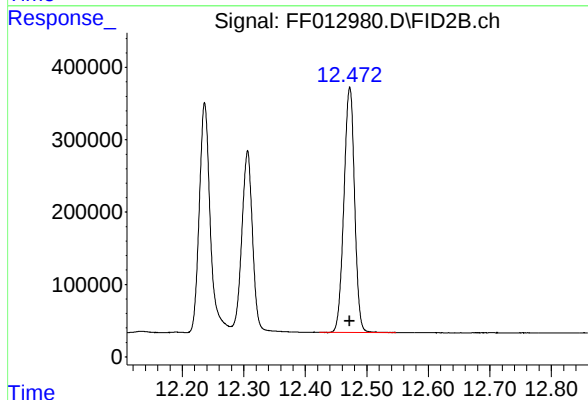
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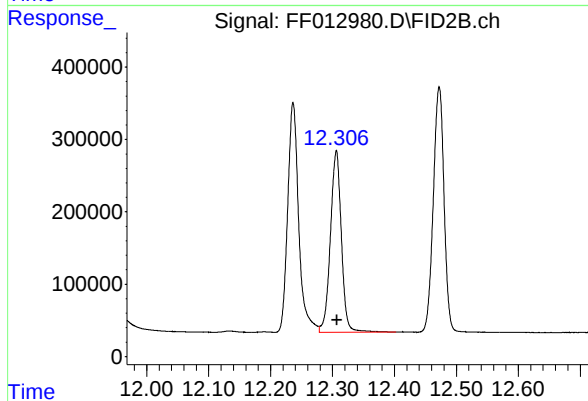
#10 n-Eicosane (C20)

R.T.: 11.863 min  
Delta R.T.: 0.000 min  
Response: 4161566  
Conc: 33.35 ug/ml



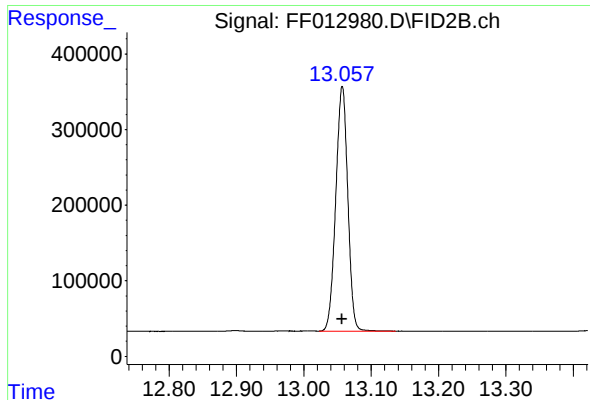
#11 n-Heneicosane (C21)

R.T.: 12.472 min  
Delta R.T.: 0.000 min  
Response: 4072514  
Conc: 33.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.306 min  
Delta R.T.: 0.000 min  
Response: 3081342  
Conc: 29.08 ug/ml



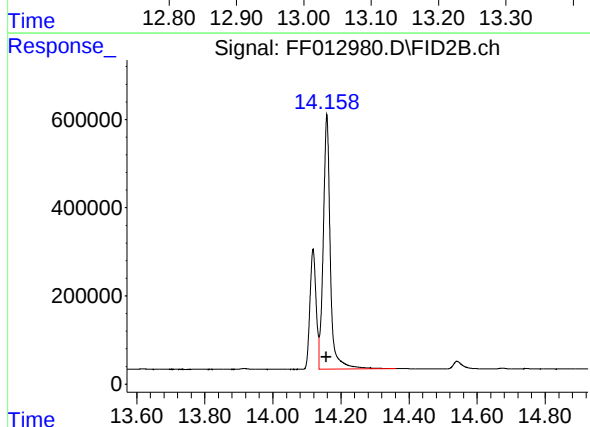
#13 n-Docosane (C22)

R.T.: 13.057 min  
Delta R.T.: 0.000 min  
Response: 4019826  
Conc: 32.81 ug/ml

Instrument :  
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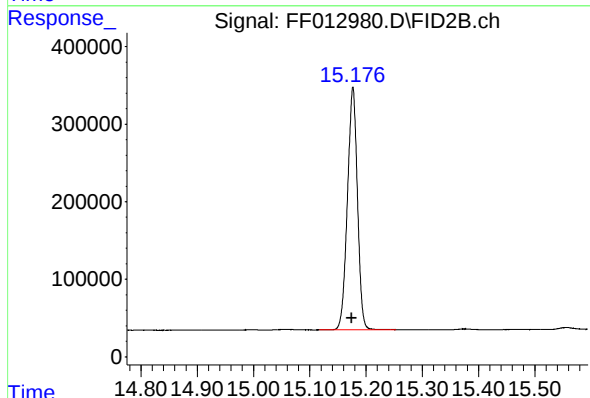
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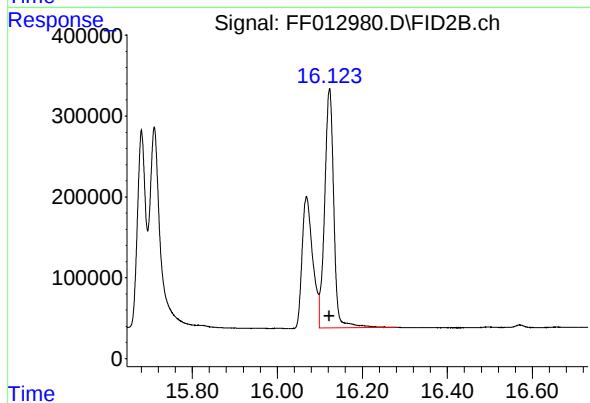
#14 n-Tetracosane (C24)

R.T.: 14.159 min  
Delta R.T.: 0.002 min  
Response: 8267847  
Conc: 67.36 ug/ml



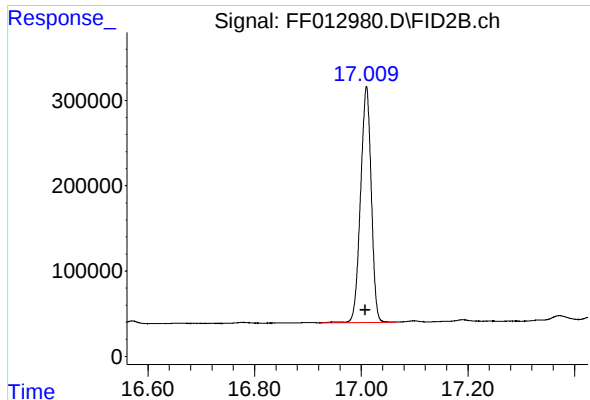
#15 n-Hexacosane (C26)

R.T.: 15.177 min  
Delta R.T.: 0.002 min  
Response: 3862339  
Conc: 32.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.123 min  
Delta R.T.: 0.000 min  
Response: 4443011  
Conc: 37.78 ug/ml



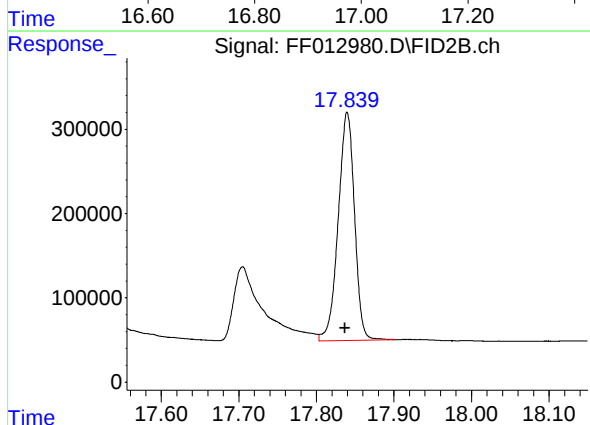
#17 n-Tricontane (C30)

R.T.: 17.010 min  
Delta R.T.: 0.002 min  
Response: 3848804  
Conc: 32.32 ug/ml

Instrument :  
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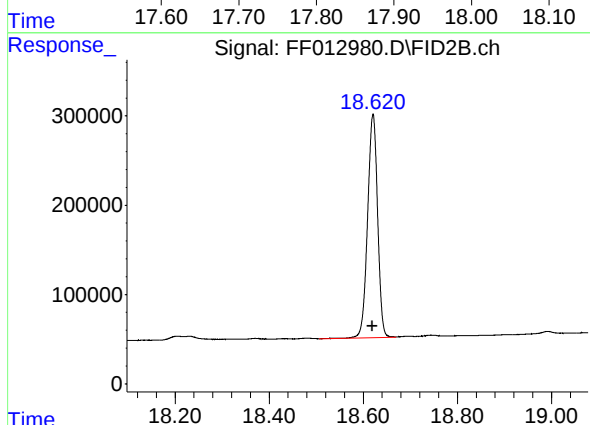
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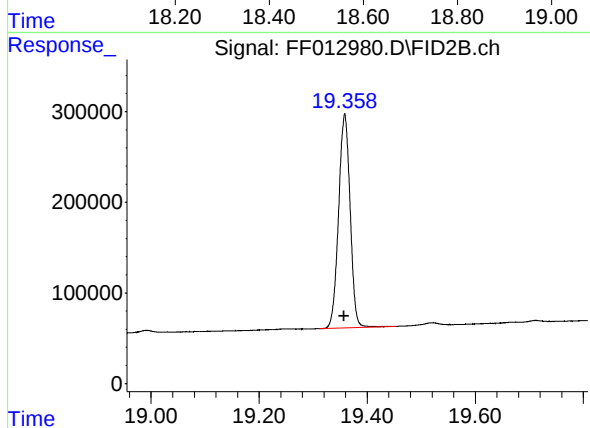
#18 n-Dotriacontane (C32)

R.T.: 17.840 min  
Delta R.T.: 0.003 min  
Response: 3963553  
Conc: 33.90 ug/ml



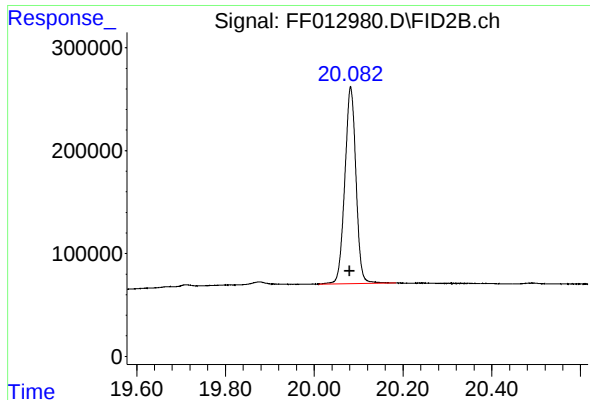
#19 n-Tetratriacontane (C34)

R.T.: 18.621 min  
Delta R.T.: 0.002 min  
Response: 3688425  
Conc: 33.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.358 min  
Delta R.T.: 0.001 min  
Response: 3498366  
Conc: 33.00 ug/ml m



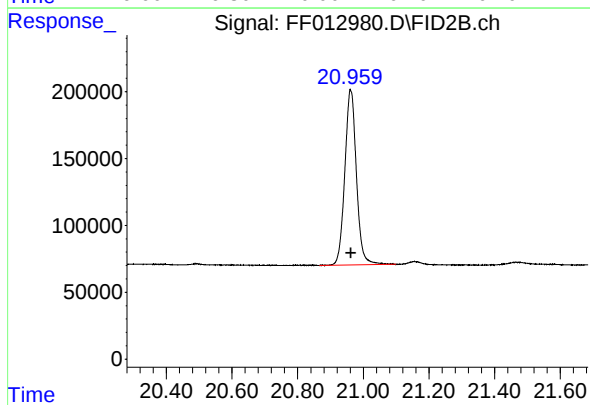
#21 n-Octatriacontane (C38)

R.T.: 20.082 min  
Delta R.T.: 0.001 min  
Response: 3330341  
Conc: 31.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.961 min  
Delta R.T.: -0.003 min  
Response: 3211208  
Conc: 33.15 ug/ml