

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041123AL\  
 Data File : FE041313.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Apr 2023 19:39  
 Operator : YP\AJ  
 Sample : 02269-01MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

CHRT-20424MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 04/12/2023

Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e

Quant Time: Apr 12 00:21:18 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 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    |        |          |               |
| Target Compounds               |        |          |               |
| 1) T n-Nonane (C9)             | 3.235  | 4220789  | 24.325 ug/ml  |
| 2) T n-Decane (C10)            | 4.484  | 5277526  | 31.005 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.186  | 6635358  | 36.277 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.650  | 7254470  | 41.822 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.283  | 7440259  | 44.925 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.488  | 7648147  | 43.863 ug/mlm |
| 7) T n-Hexadecane (C16)        | 10.113 | 3311030  | 18.617 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.553 | 218985   | 1.226 ug/mlm  |
| 10) T n-Eicosane (C20)         | 12.858 | 162195   | 0.951 ug/mlm  |
| 11) T n-Heneicosane (C21)      | 13.466 | 383856   | 2.269 ug/mlm  |
| 13) T n-Docosane (C22)         | 14.057 | 92937    | 0.562 ug/mlm  |
| 14) T n-Tetracosane (C24)      | 15.176 | 13558652 | 83.806 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.181 | 5723896  | 36.925 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.121 | 6734573  | 43.965 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.007 | 6237781  | 40.808 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.837 | 7425364  | 47.559 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.621 | 6585225  | 42.494 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.362 | 6431035  | 42.338 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.086 | 6450339  | 41.291 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.966 | 6821128  | 42.738 ug/ml  |
| -----                          |        |          |               |

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

(m)=manual int.

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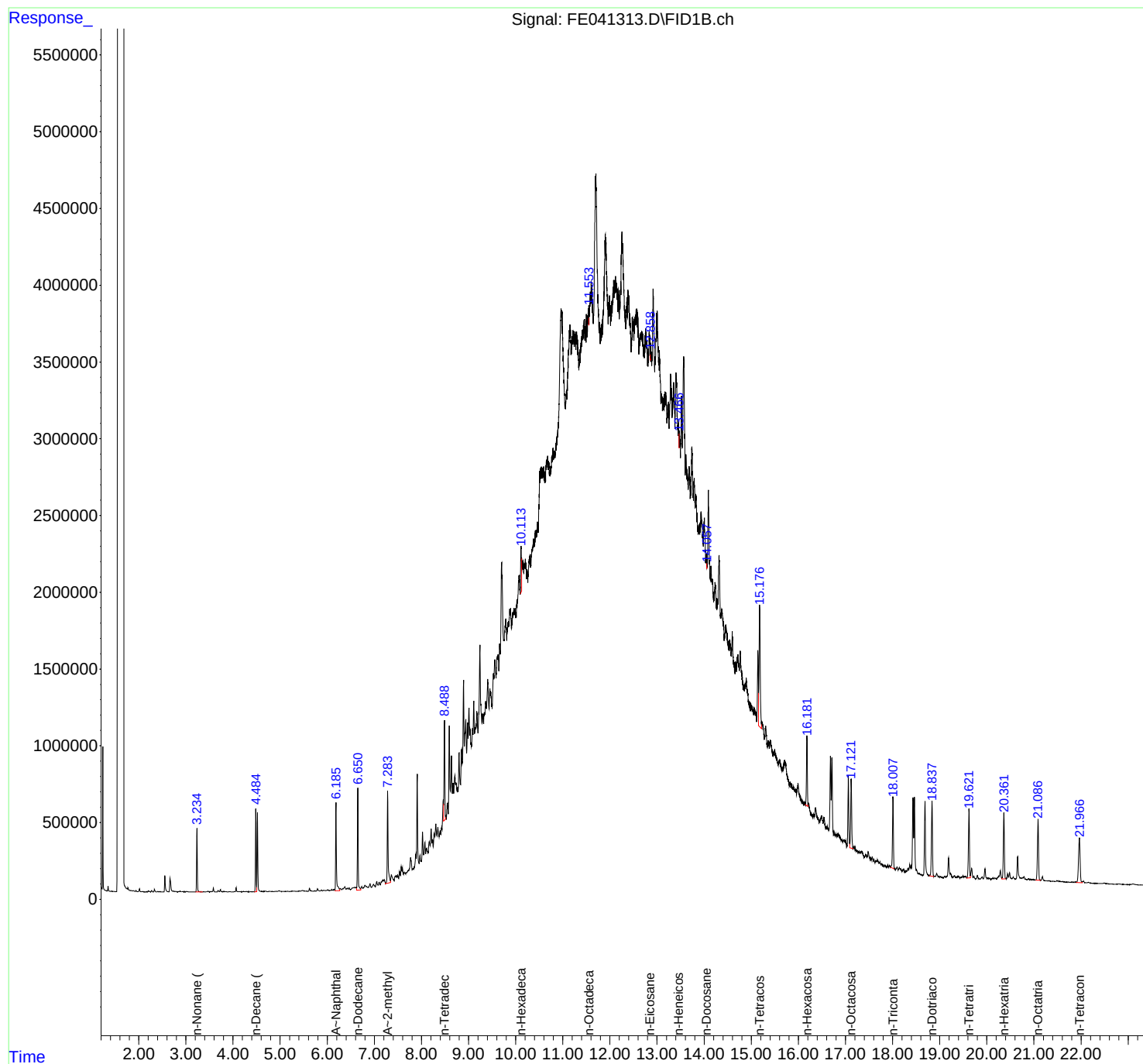
Response via : Initial Calibration

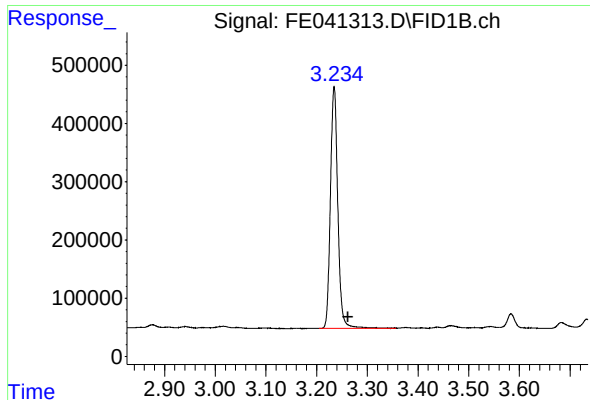
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.235 min  
Delta R.T.: -0.027 min  
Response: 4220789  
Conc: 24.33 ug/ml

Instrument :

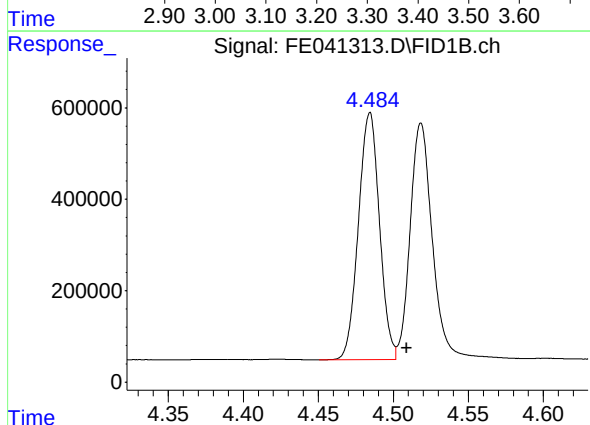
FID\_E

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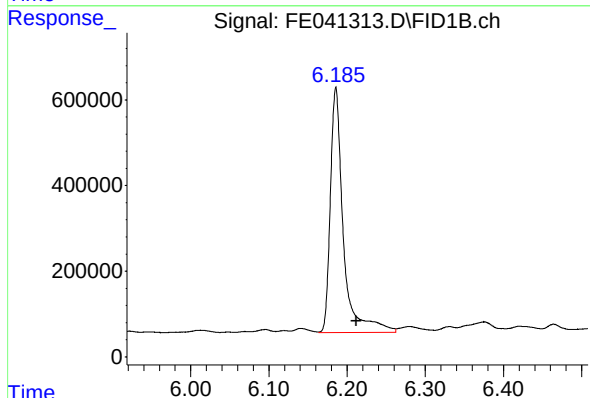
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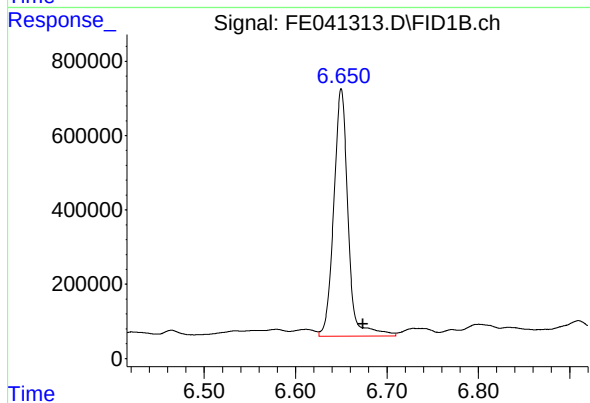
#2 n-Decane (C10)

R.T.: 4.484 min  
Delta R.T.: -0.024 min  
Response: 5277526  
Conc: 31.00 ug/ml m



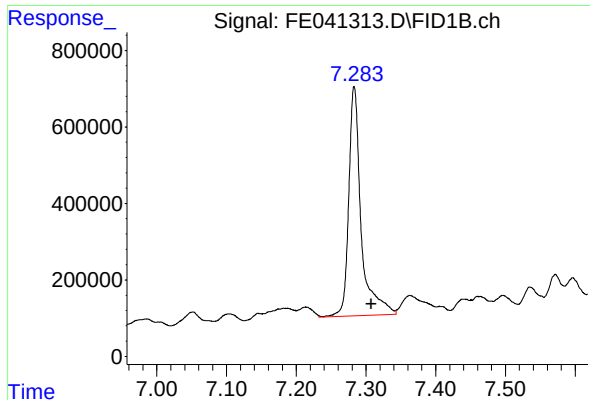
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min  
Delta R.T.: -0.026 min  
Response: 6635358  
Conc: 36.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.650 min  
Delta R.T.: -0.023 min  
Response: 7254470  
Conc: 41.82 ug/ml



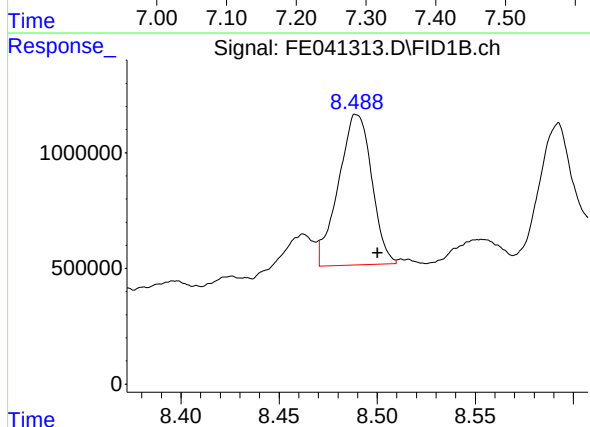
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.283 min  
Delta R.T.: -0.025 min  
Response: 7440259  
Conc: 44.93 ug/ml

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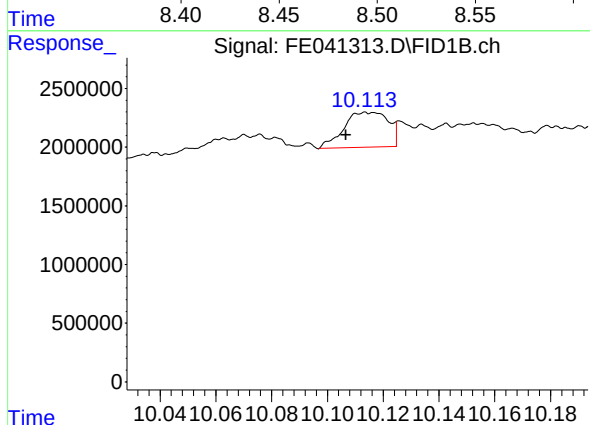
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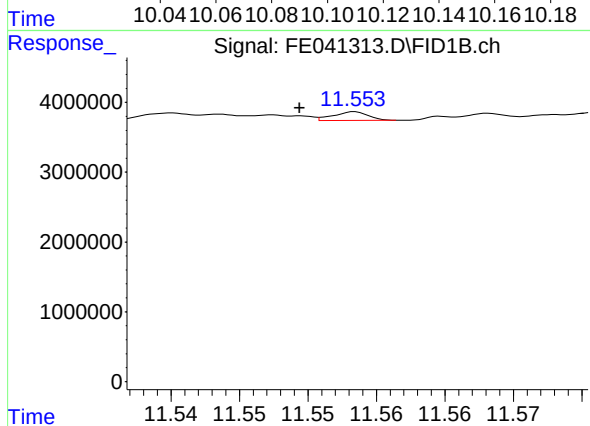
#6 n-Tetradecane (C14)

R.T.: 8.488 min  
Delta R.T.: -0.012 min  
Response: 7648147  
Conc: 43.86 ug/ml m



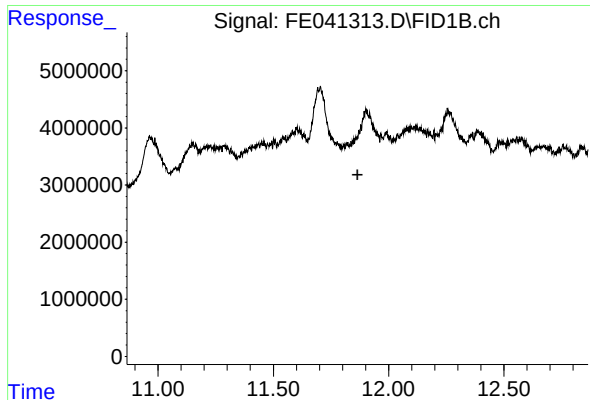
#7 n-Hexadecane (C16)

R.T.: 10.113 min  
Delta R.T.: 0.007 min  
Response: 3311030  
Conc: 18.62 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.553 min  
Delta R.T.: 0.004 min  
Response: 218985  
Conc: 1.23 ug/ml m



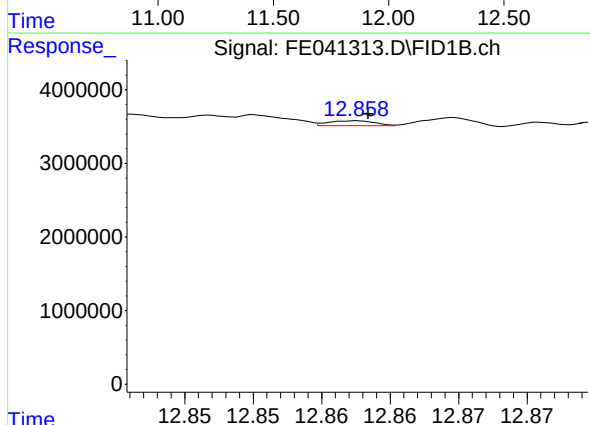
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 11.865 min  
Response: 0  
Conc: N.D.

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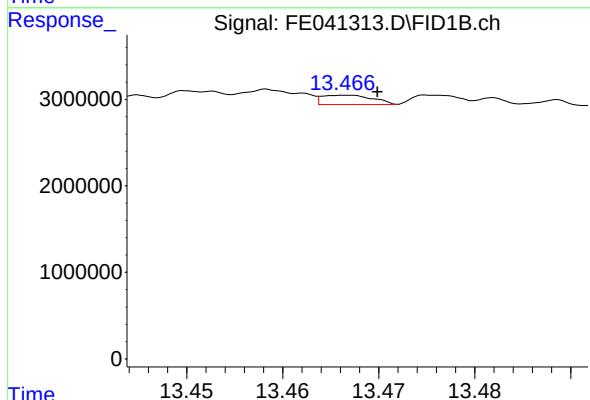
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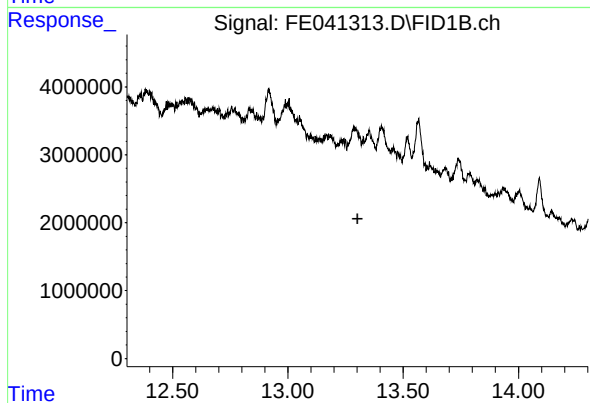
#10 n-Eicosane (C20)

R.T.: 12.858 min  
Delta R.T.: 0.000 min  
Response: 162195  
Conc: 0.95 ug/ml m



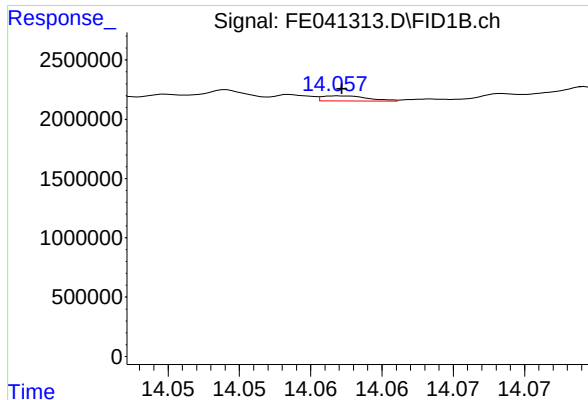
#11 n-Heneicosane (C21)

R.T.: 13.466 min  
Delta R.T.: -0.004 min  
Response: 383856  
Conc: 2.27 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min  
Exp R.T.: 13.302 min  
Response: 0  
Conc: N.D.



#13 n-Docosane (C22)

R.T.: 14.057 min  
Delta R.T.: 0.000 min  
Response: 92937  
Conc: 0.56 ug/ml

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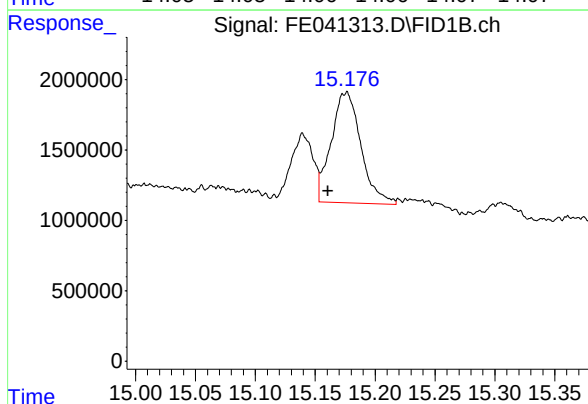
ClientSampleId :

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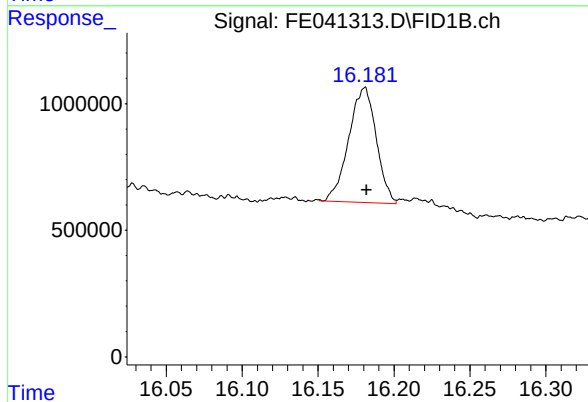
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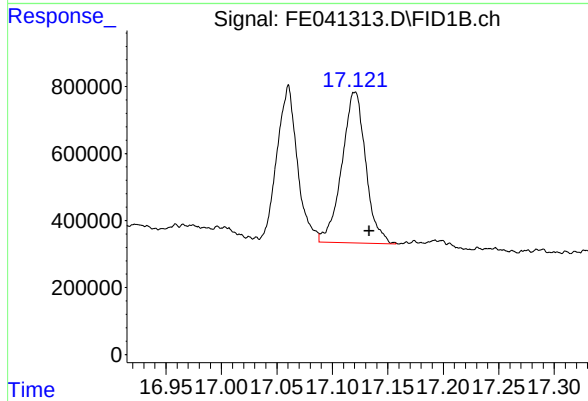
#14 n-Tetracosane (C24)

R.T.: 15.176 min  
Delta R.T.: 0.016 min  
Response: 13558652  
Conc: 83.81 ug/ml m



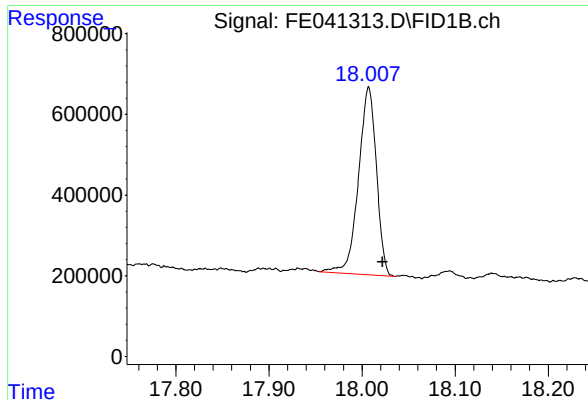
#15 n-Hexacosane (C26)

R.T.: 16.181 min  
Delta R.T.: 0.000 min  
Response: 5723896  
Conc: 36.92 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.121 min  
Delta R.T.: -0.013 min  
Response: 6734573  
Conc: 43.96 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.007 min  
Delta R.T.: -0.016 min  
Response: 6237781  
Conc: 40.81 ug/ml

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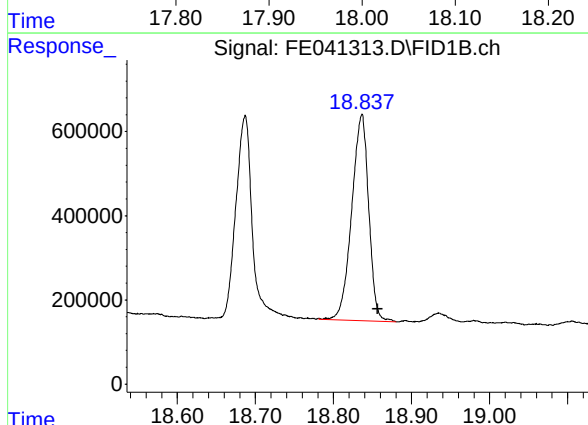
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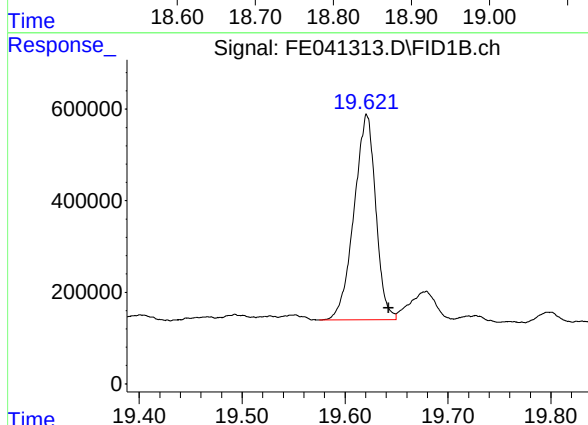
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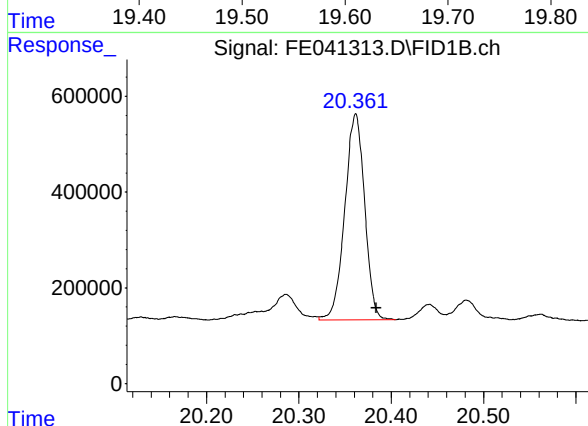
#18 n-Dotriacontane (C32)

R.T.: 18.837 min  
Delta R.T.: -0.020 min  
Response: 7425364  
Conc: 47.56 ug/ml m



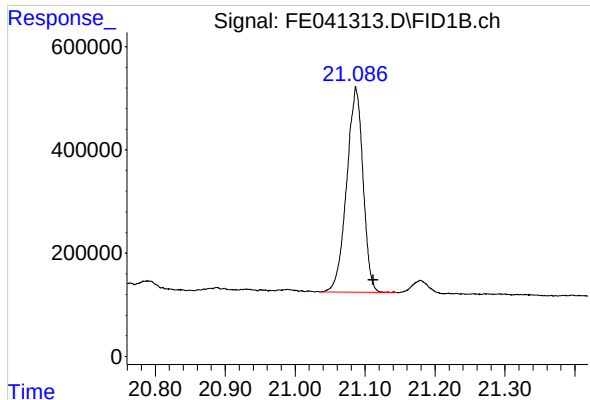
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min  
Delta R.T.: -0.022 min  
Response: 6585225  
Conc: 42.49 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min  
Delta R.T.: -0.022 min  
Response: 6431035  
Conc: 42.34 ug/ml



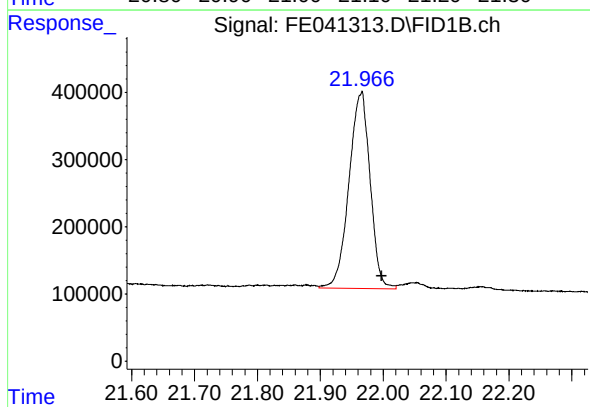
#21 n-Octatriacontane (C38)

R.T.: 21.086 min  
Delta R.T.: -0.026 min  
Response: 6450339  
Conc: 41.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.966 min  
Delta R.T.: -0.032 min  
Response: 6821128  
Conc: 42.74 ug/ml