

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032823AL\  
 Data File : FE041044.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Mar 2023 14:24  
 Operator : YP\AJ  
 Sample : PB151744BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB151744BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/29/2023  
 Supervised By :Ankita Jodhani 03/29/2023

Integration File: autoint1.e  
 Quant Time: Mar 29 01:31:04 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    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.856 | 7075710    | 37.649 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 75.30%        |
| 12) S 1-chlorooctadecane (S... | 13.294 | 5746919    | 39.943 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 79.89%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.263  | 6414057    | 36.966 ug/ml  |
| 2) T n-Decane (C10)            | 4.507  | 6614262    | 38.858 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.204  | 7172906    | 39.216 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.666  | 6897267    | 39.763 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.299  | 6769272    | 40.874 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.493  | 6852906    | 39.302 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.099 | 6962773    | 39.149 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.541 | 6849733    | 38.363 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.851 | 6714279    | 39.363 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.463 | 6374039    | 37.675 ug/ml  |
| 13) T n-Docosane (C22)         | 14.049 | 6274198    | 37.914 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.145 | 12163451   | 75.182 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.176 | 5965384    | 38.483 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.126 | 5983722    | 39.063 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.016 | 5849554    | 38.269 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.847 | 5709330    | 36.568 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.630 | 5658513    | 36.514 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.371 | 5516538    | 36.317 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.098 | 5638745    | 36.095 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.979 | 5713159    | 35.796 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Integration File: autoint1.e

Quant Time: Mar 29 01:31:04 2023

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

Quant Title : GC Extractables

Qlast Update : Sat Mar 25 06:32:15 2023

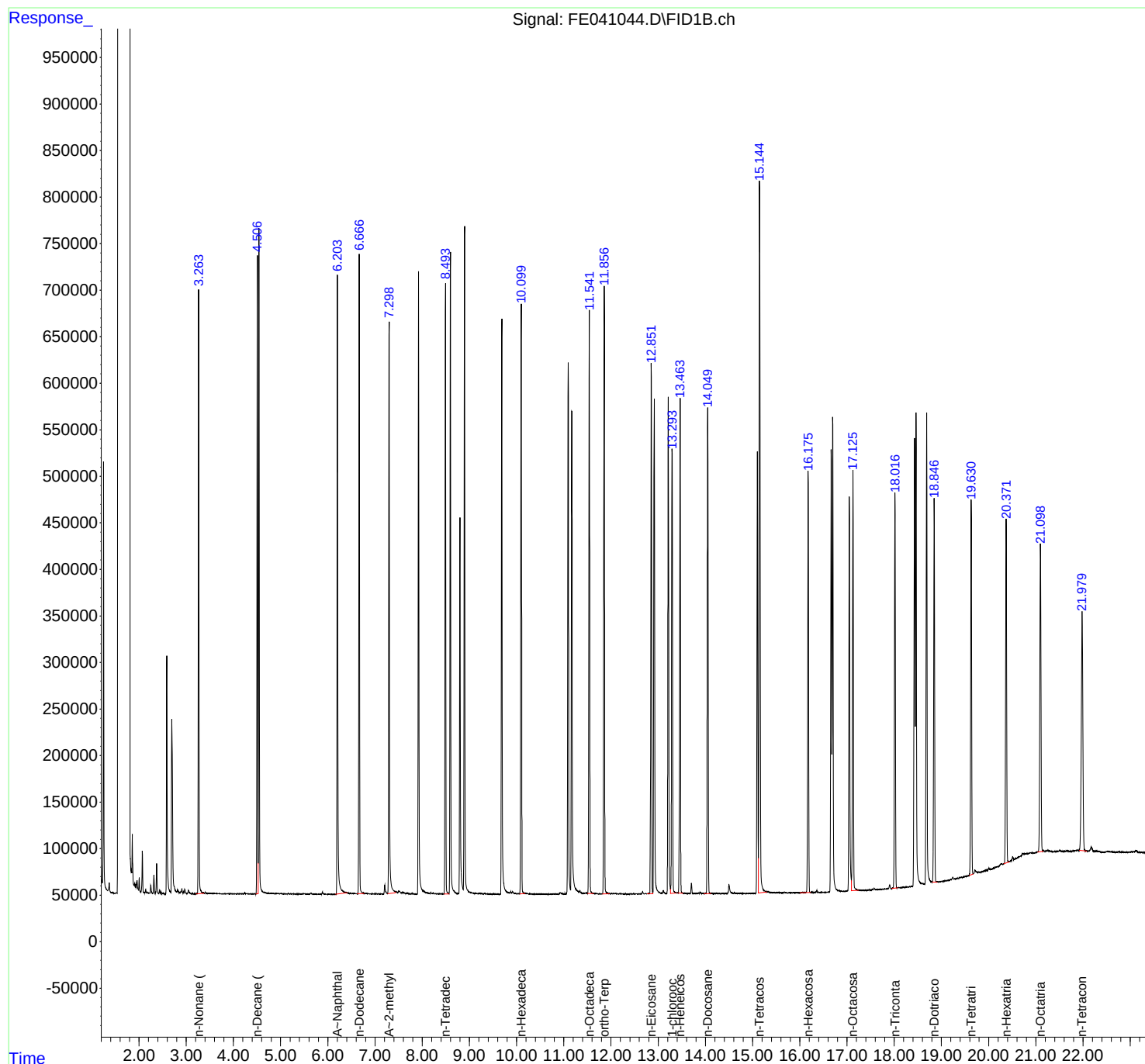
Response via : Initial Calibration

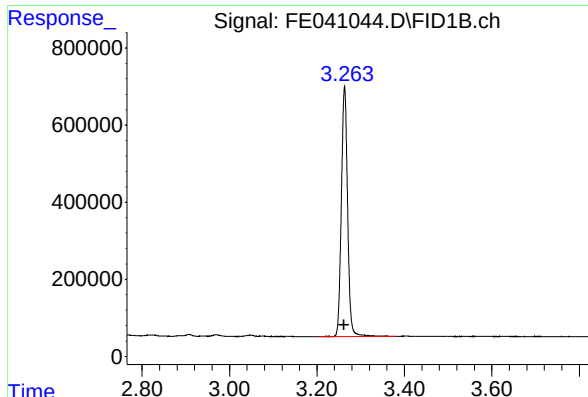
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





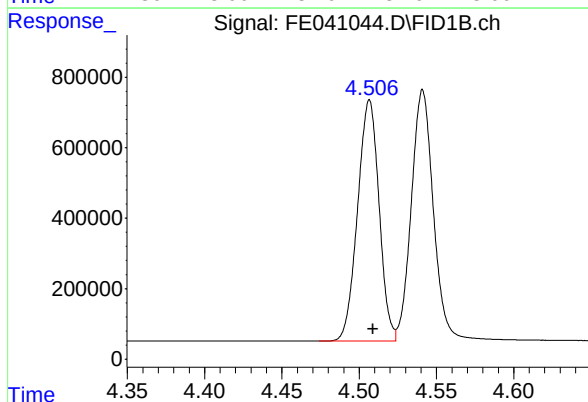
#1 n-Nonane (C9)

R.T.: 3.263 min  
Delta R.T.: 0.001 min  
Response: 6414057  
Conc: 36.97 ug/ml

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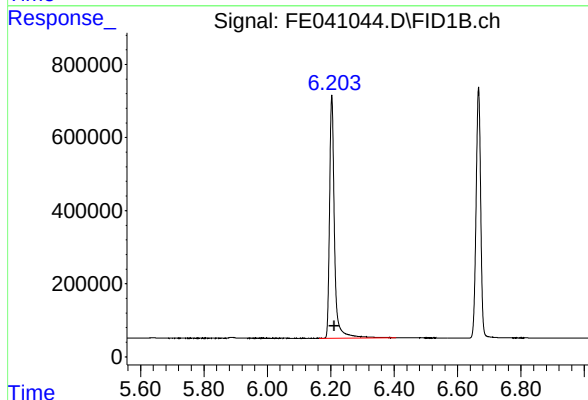
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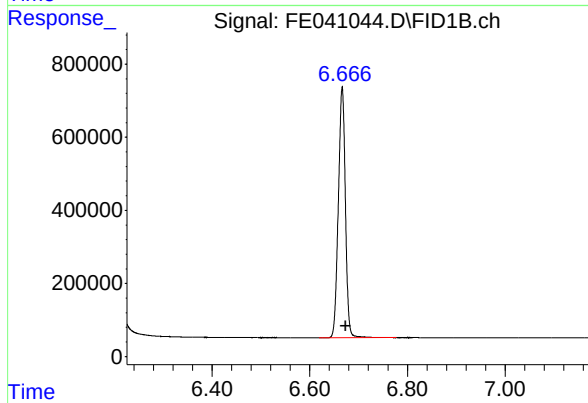
#2 n-Decane (C10)

R.T.: 4.507 min  
Delta R.T.: -0.002 min  
Response: 6614262  
Conc: 38.86 ug/ml



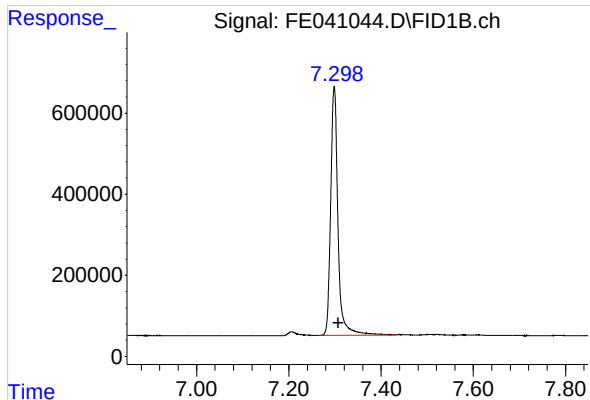
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min  
Delta R.T.: -0.008 min  
Response: 7172906  
Conc: 39.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.666 min  
Delta R.T.: -0.007 min  
Response: 6897267  
Conc: 39.76 ug/ml



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

R.T.: 7.299 min  
Delta R.T.: -0.009 min  
Response: 6769272  
Conc: 40.87 ug/ml

Instrument :

FID\_E

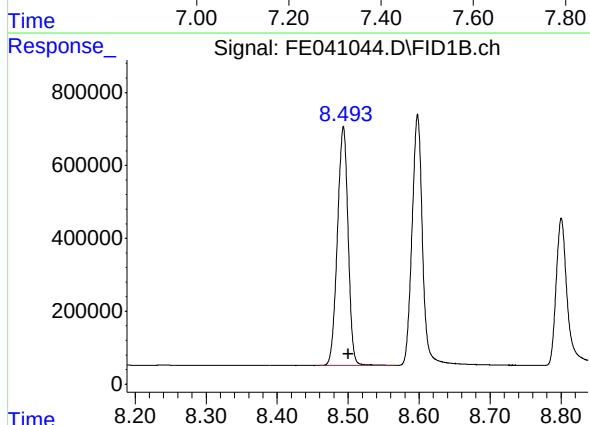
ClientSampleId :

PB151744BS

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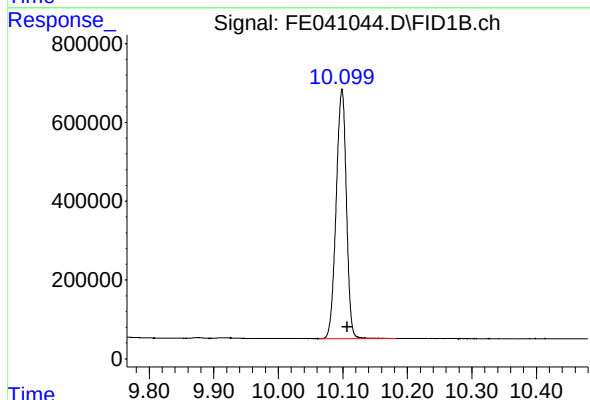
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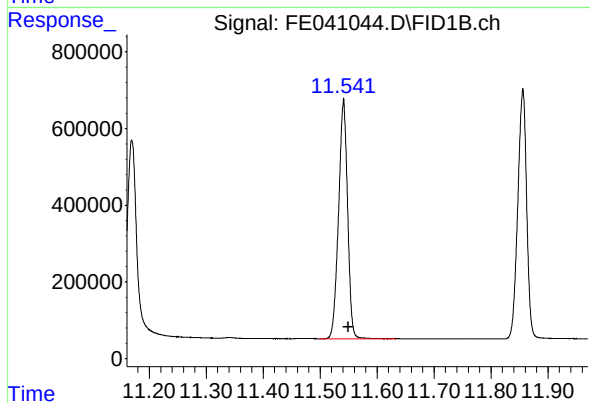
#6 n-Tetradecane (C14)

R.T.: 8.493 min  
Delta R.T.: -0.007 min  
Response: 6852906  
Conc: 39.30 ug/ml



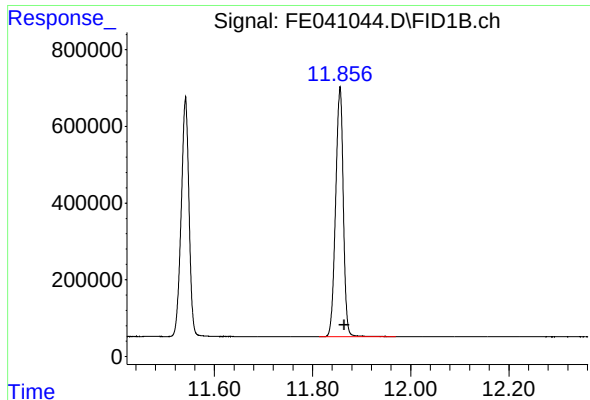
#7 n-Hexadecane (C16)

R.T.: 10.099 min  
Delta R.T.: -0.008 min  
Response: 6962773  
Conc: 39.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min  
Delta R.T.: -0.008 min  
Response: 6849733  
Conc: 38.36 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min  
Delta R.T.: -0.009 min  
Response: 7075710  
Conc: 37.65 ug/ml

Instrument :

FID\_E

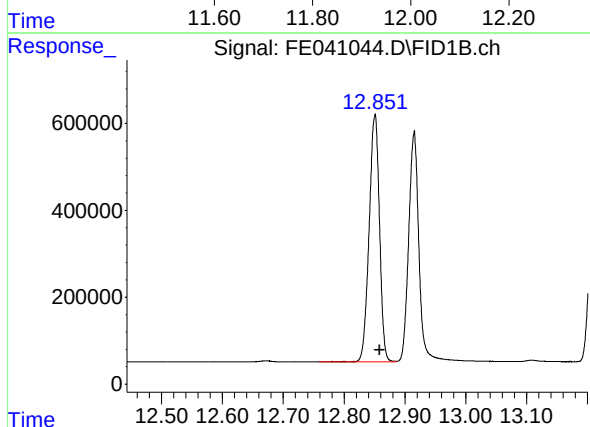
ClientSampleId :

PB151744BS

Manual Integrations

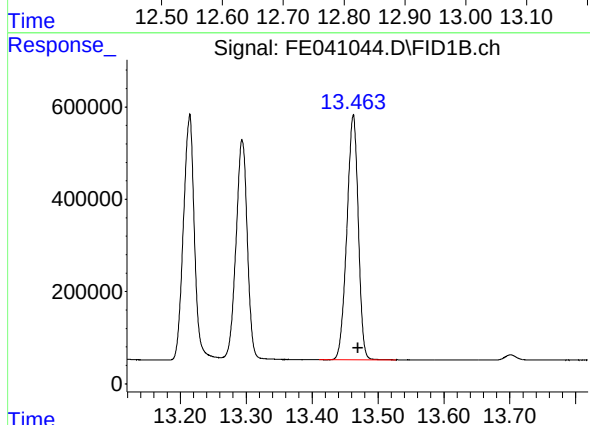
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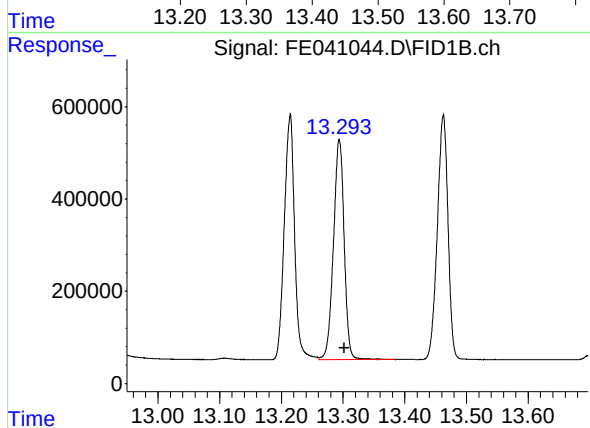
#10 n-Eicosane (C20)

R.T.: 12.851 min  
Delta R.T.: -0.008 min  
Response: 6714279  
Conc: 39.36 ug/ml



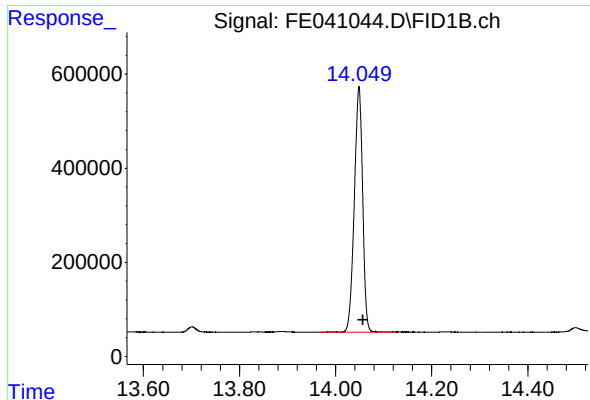
#11 n-Heneicosane (C21)

R.T.: 13.463 min  
Delta R.T.: -0.007 min  
Response: 6374039  
Conc: 37.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.294 min  
Delta R.T.: -0.008 min  
Response: 5746919  
Conc: 39.94 ug/ml



#13 n-Docosane (C22)

R.T.: 14.049 min  
Delta R.T.: -0.008 min  
Response: 6274198  
Conc: 37.91 ug/ml

Instrument :

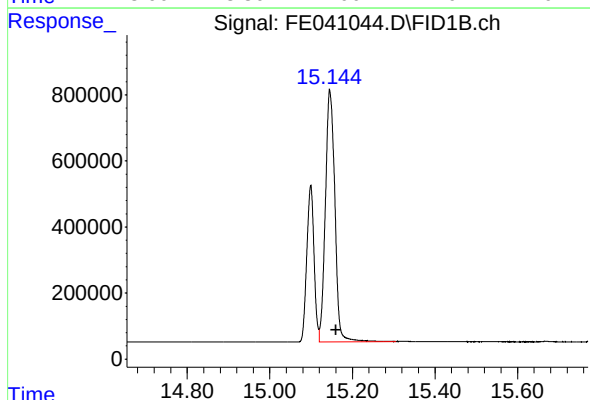
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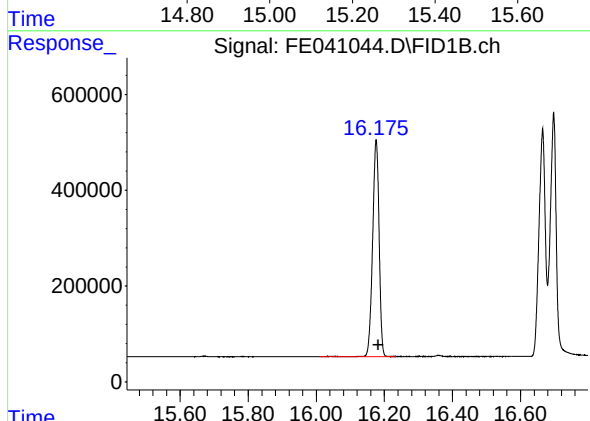
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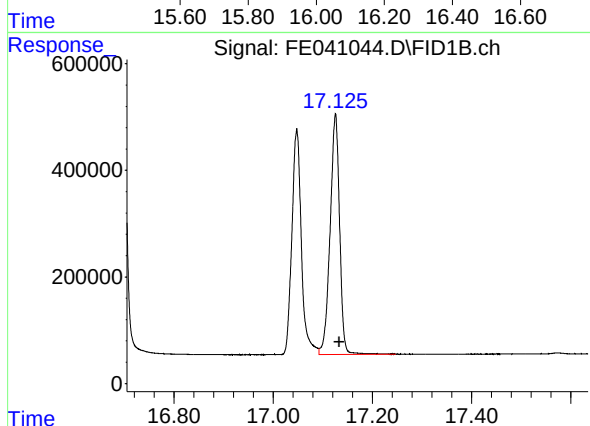
#14 n-Tetracosane (C24)

R.T.: 15.145 min  
Delta R.T.: -0.016 min  
Response: 12163451  
Conc: 75.18 ug/ml



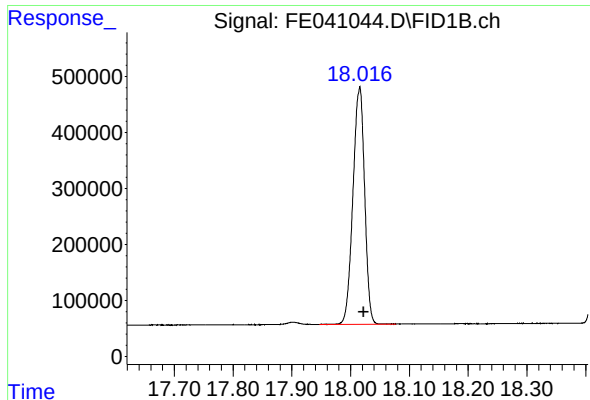
#15 n-Hexacosane (C26)

R.T.: 16.176 min  
Delta R.T.: -0.006 min  
Response: 5965384  
Conc: 38.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.126 min  
Delta R.T.: -0.008 min  
Response: 5983722  
Conc: 39.06 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.016 min  
Delta R.T.: -0.007 min  
Response: 5849554  
Conc: 38.27 ug/ml

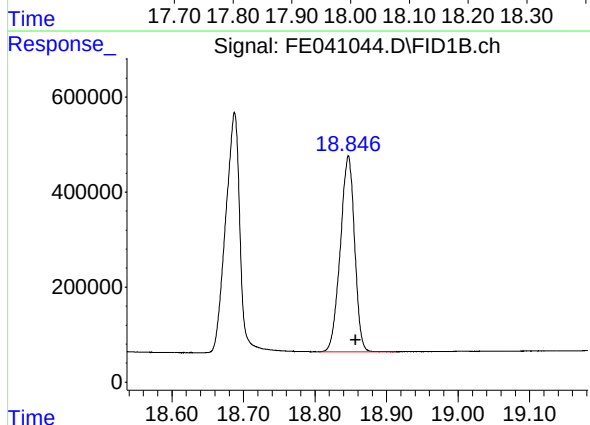
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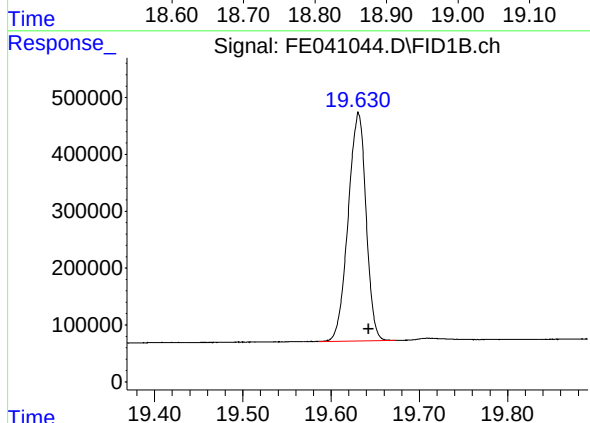
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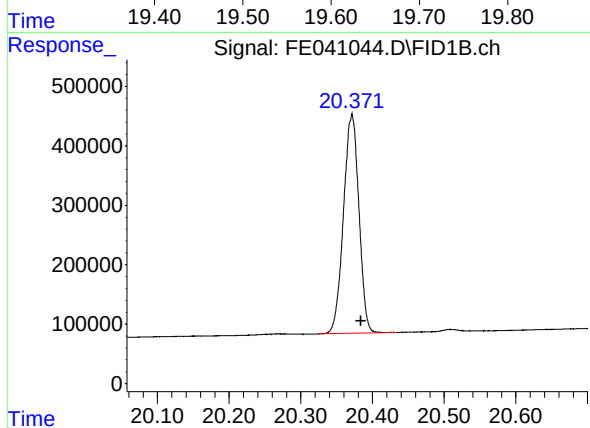
#18 n-Dotriacontane (C32)

R.T.: 18.847 min  
Delta R.T.: -0.010 min  
Response: 5709330  
Conc: 36.57 ug/ml



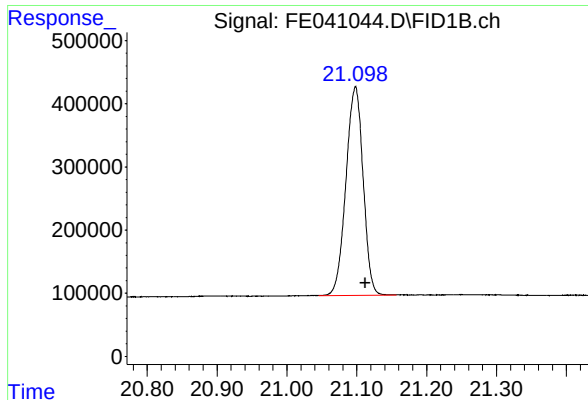
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min  
Delta R.T.: -0.012 min  
Response: 5658513  
Conc: 36.51 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.371 min  
Delta R.T.: -0.013 min  
Response: 5516538  
Conc: 36.32 ug/ml m



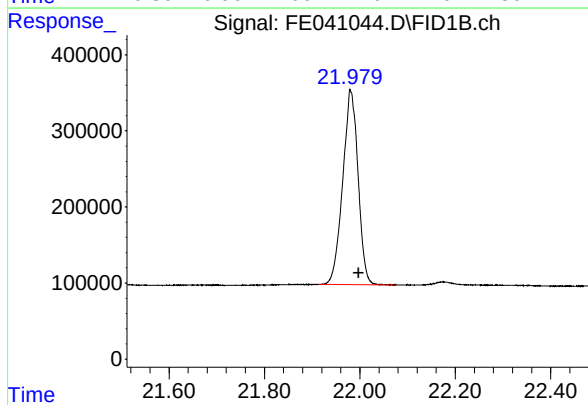
#21 n-Octatriacontane (C38)

R.T.: 21.098 min  
Delta R.T.: -0.014 min  
Response: 5638745  
Conc: 36.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.979 min  
Delta R.T.: -0.019 min  
Response: 5713159  
Conc: 35.80 ug/ml m