

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111623AL\  
 Data File : FE045393.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Nov 2023 16:35  
 Operator : YP\AJ  
 Sample : PB157198BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

PB157198BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :Ankita Jodhani 11/17/2023

Integration File: autoint1.e

Quant Time: Nov 16 23:22:34 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 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)    | 11.878 | 6308426    | 33.041 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 66.08%        |
| 12) S 1-chlorooctadecane (S... | 13.320 | 4833295    | 35.090 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 70.18%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.275  | 6108091    | 36.974 ug/ml  |
| 2) T n-Decane (C10)            | 4.521  | 6762125    | 40.328 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.217  | 7413592    | 41.533 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.683  | 7207317    | 42.676 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.312  | 7208043    | 41.976 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.511  | 7227774    | 43.367 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.119 | 7154828    | 42.537 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.565 | 7091569    | 42.370 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.877 | 6958212    | 43.926 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.489 | 6590387    | 42.862 ug/ml  |
| 13) T n-Docosane (C22)         | 14.076 | 6501628    | 42.911 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.161 | 12836925   | 86.671 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.206 | 6320632    | 43.365 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.156 | 6545395    | 44.792 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.047 | 6680086    | 43.977 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.881 | 6903298    | 44.189 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.666 | 6829871    | 43.743 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.408 | 6761771    | 41.657 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.143 | 6911151    | 41.598 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.057 | 6768334    | 39.626 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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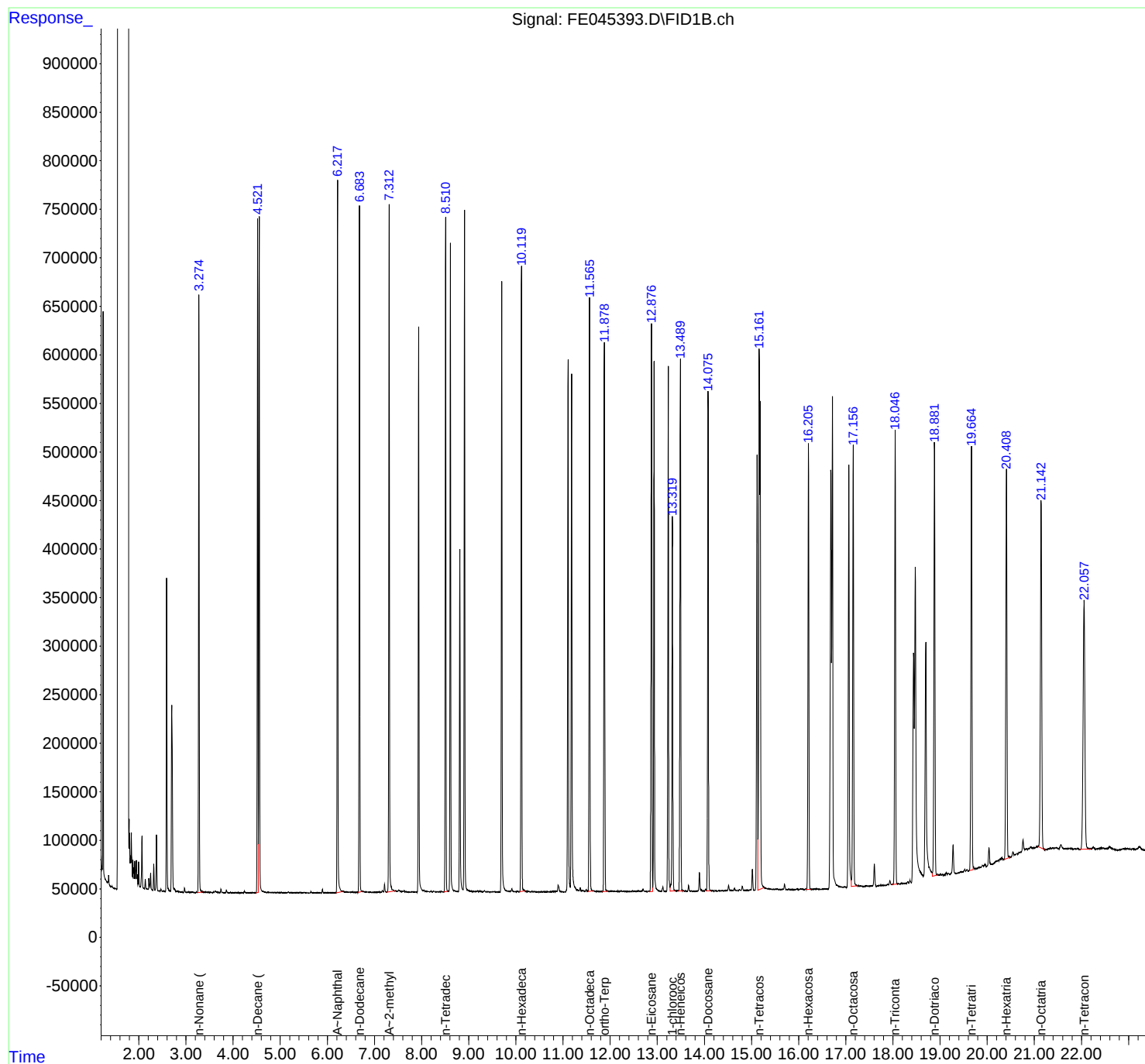
Response via : Initial Calibration

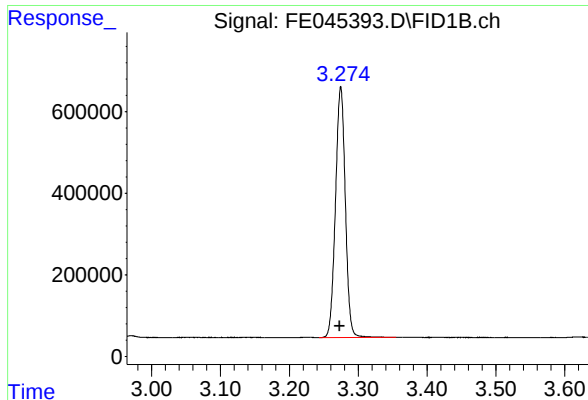
Integrator: ChemStation

Volume Inj. : 1 ul

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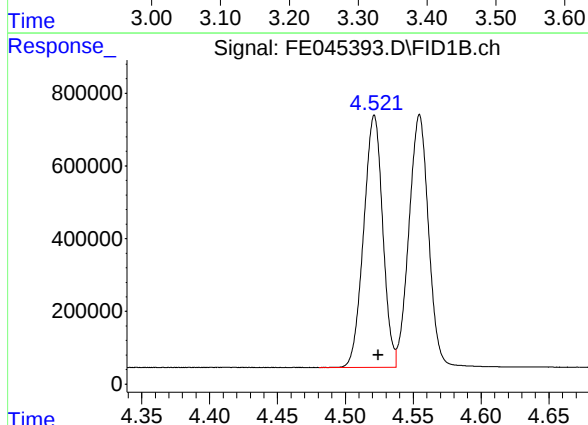
#1 n-Nonane (C9)

R.T.: 3.275 min  
Delta R.T.: 0.002 min  
Response: 6108091  
Conc: 36.97 ug/ml

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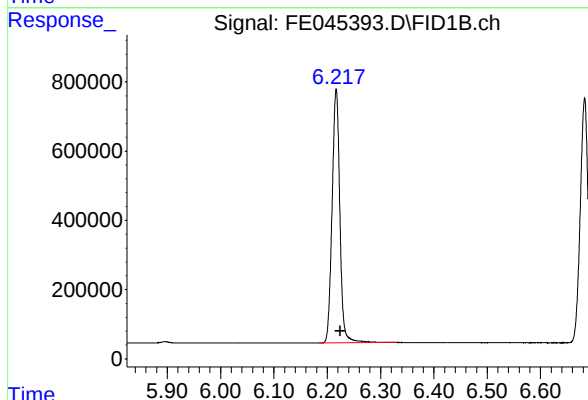
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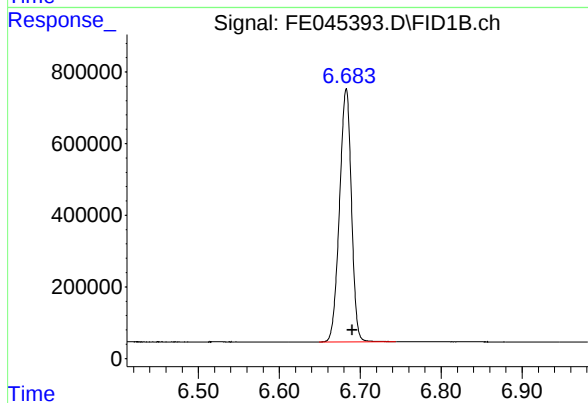
#2 n-Decane (C10)

R.T.: 4.521 min  
Delta R.T.: -0.003 min  
Response: 6762125  
Conc: 40.33 ug/ml



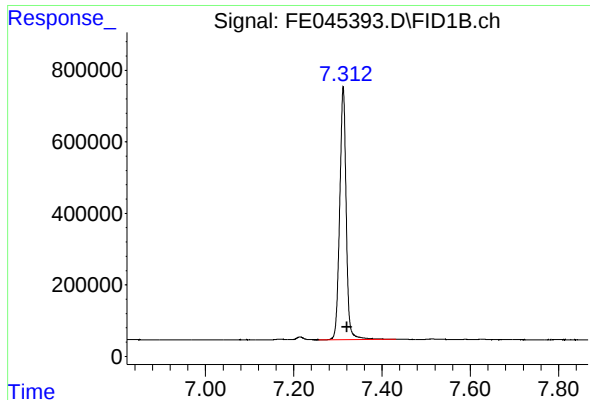
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min  
Delta R.T.: -0.008 min  
Response: 7413592  
Conc: 41.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min  
Delta R.T.: -0.007 min  
Response: 7207317  
Conc: 42.68 ug/ml



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

R.T.: 7.312 min  
Delta R.T.: -0.009 min  
Response: 7208043  
Conc: 41.98 ug/ml

Instrument :

FID\_E

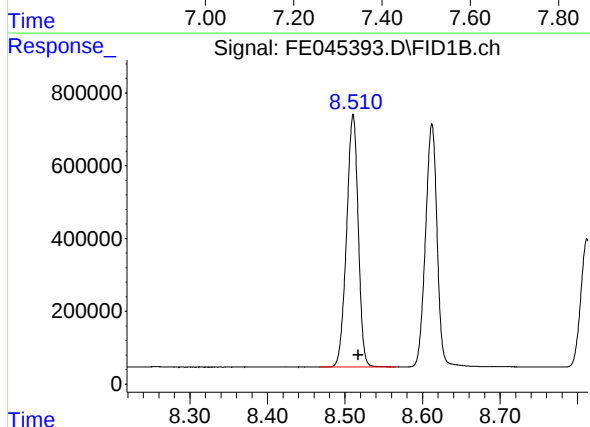
ClientSampleId :

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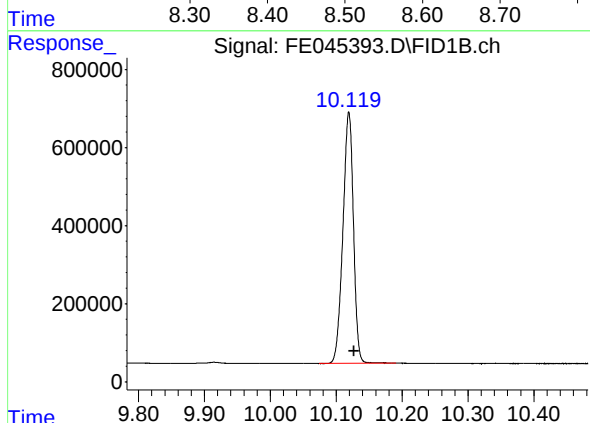
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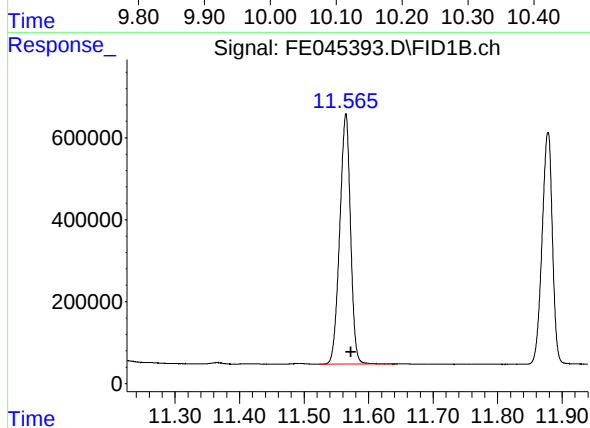
#6 n-Tetradecane (C14)

R.T.: 8.511 min  
Delta R.T.: -0.007 min  
Response: 7227774  
Conc: 43.37 ug/ml



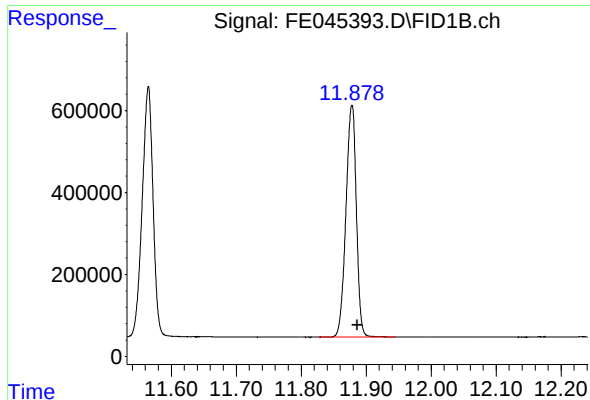
#7 n-Hexadecane (C16)

R.T.: 10.119 min  
Delta R.T.: -0.008 min  
Response: 7154828  
Conc: 42.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.565 min  
Delta R.T.: -0.008 min  
Response: 7091569  
Conc: 42.37 ug/ml



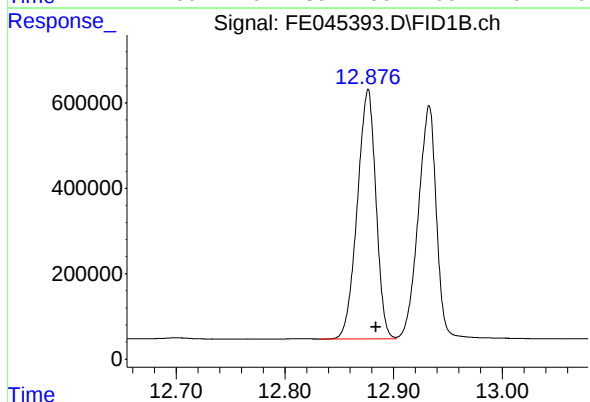
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min  
Delta R.T.: -0.008 min  
Response: 6308426  
Conc: 33.04 ug/ml

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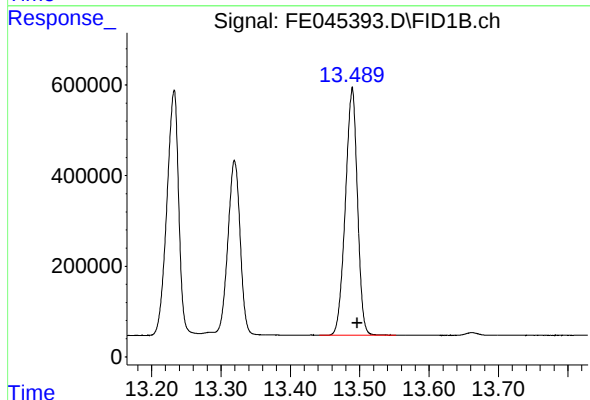
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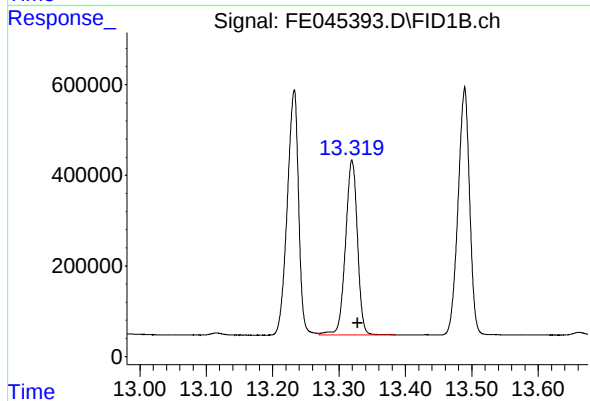
#10 n-Eicosane (C20)

R.T.: 12.877 min  
Delta R.T.: -0.007 min  
Response: 6958212  
Conc: 43.93 ug/ml



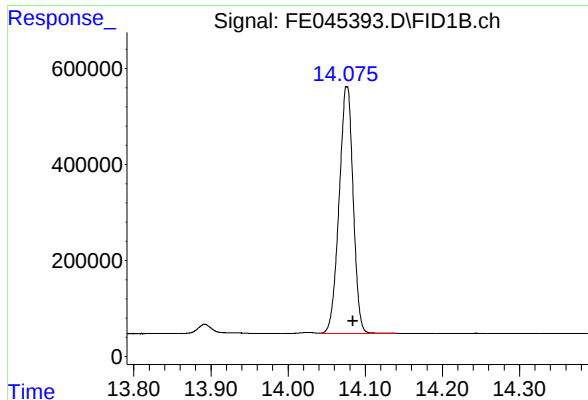
#11 n-Heneicosane (C21)

R.T.: 13.489 min  
Delta R.T.: -0.007 min  
Response: 6590387  
Conc: 42.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min  
Delta R.T.: -0.008 min  
Response: 4833295  
Conc: 35.09 ug/ml



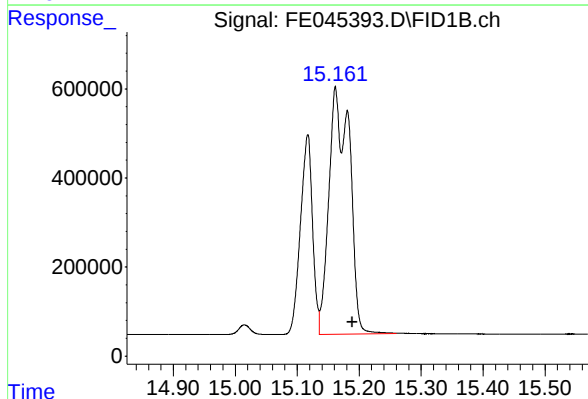
#13 n-Docosane (C22)

R.T.: 14.076 min  
Delta R.T.: -0.008 min  
Response: 6501628  
Conc: 42.91 ug/ml

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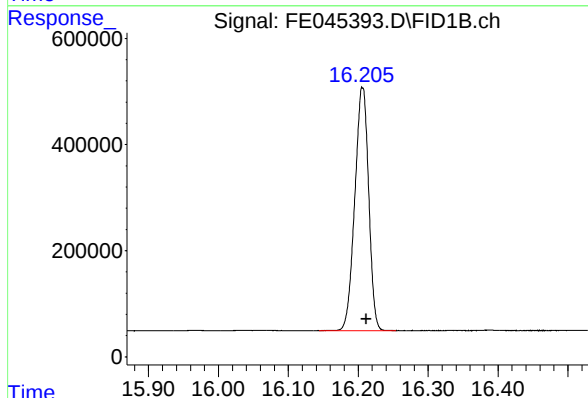
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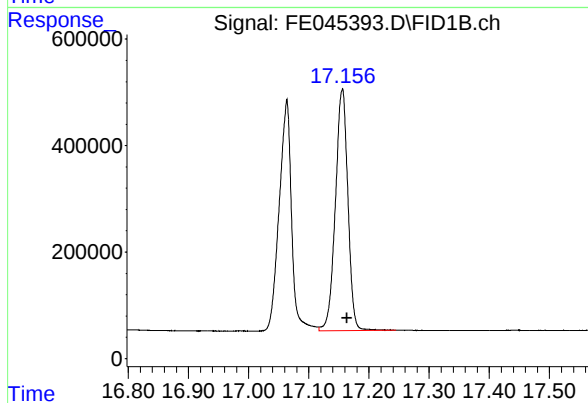
#14 n-Tetracosane (C24)

R.T.: 15.161 min  
Delta R.T.: -0.028 min  
Response: 12836925  
Conc: 86.67 ug/ml m



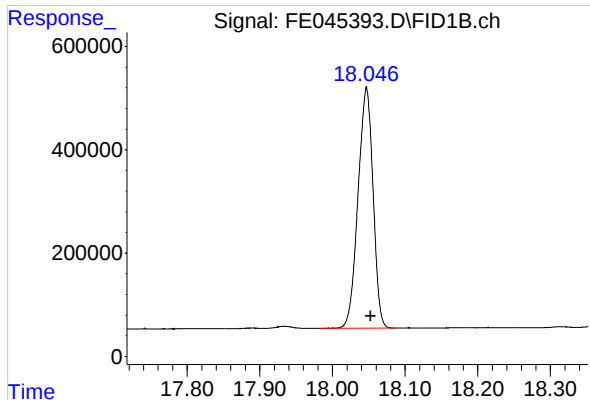
#15 n-Hexacosane (C26)

R.T.: 16.206 min  
Delta R.T.: -0.006 min  
Response: 6320632  
Conc: 43.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.156 min  
Delta R.T.: -0.008 min  
Response: 6545395  
Conc: 44.79 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.047 min  
Delta R.T.: -0.006 min  
Response: 6680086  
Conc: 43.98 ug/ml

Instrument :

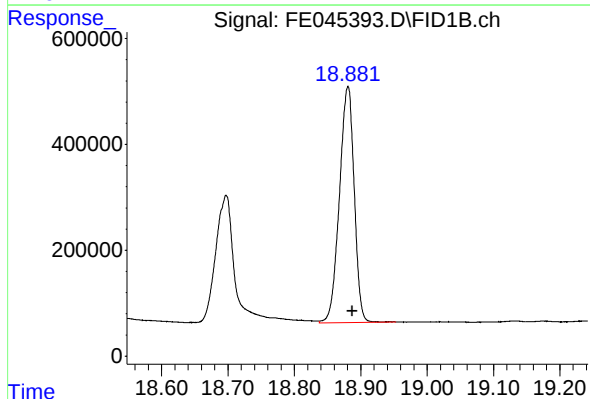
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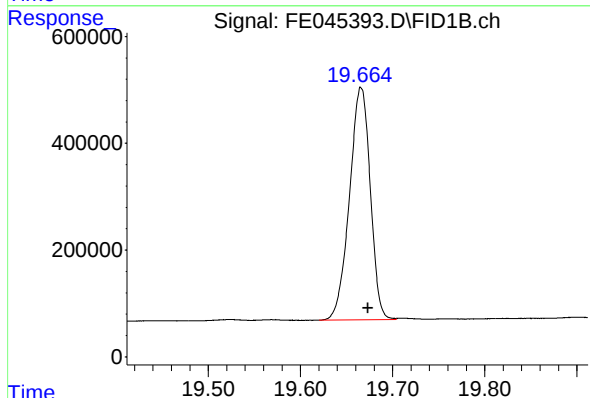
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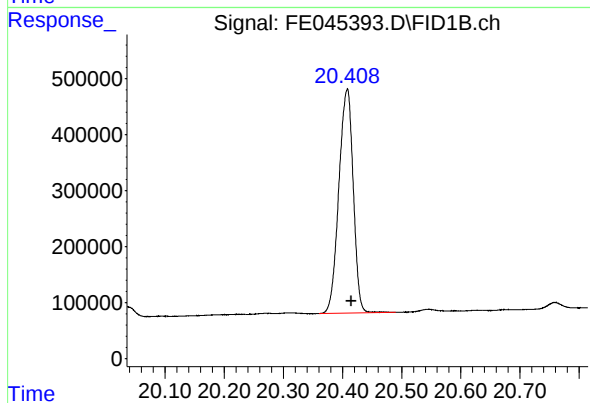
#18 n-Dotriacontane (C32)

R.T.: 18.881 min  
Delta R.T.: -0.007 min  
Response: 6903298  
Conc: 44.19 ug/ml



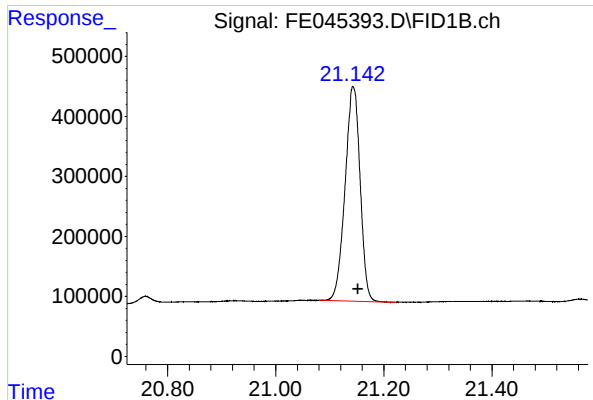
#19 n-Tetratriacontane (C34)

R.T.: 19.666 min  
Delta R.T.: -0.007 min  
Response: 6829871  
Conc: 43.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.408 min  
Delta R.T.: -0.007 min  
Response: 6761771  
Conc: 41.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min  
Delta R.T.: -0.009 min  
Response: 6911151  
Conc: 41.60 ug/ml

Instrument :

FID\_E

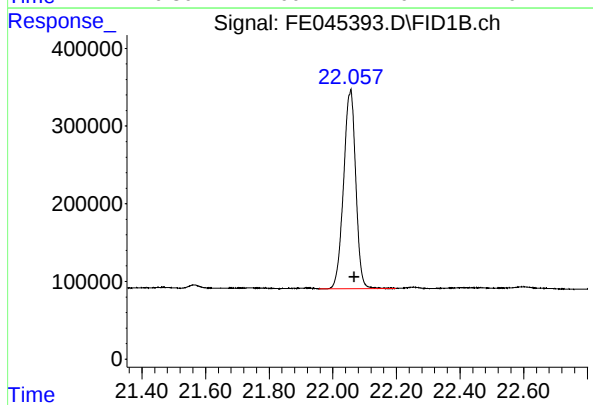
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#22 n-Tetracontane (C40)

R.T.: 22.057 min  
Delta R.T.: -0.011 min  
Response: 6768334  
Conc: 39.63 ug/ml