

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120222AL\  
 Data File : FE039104.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Dec 2022 00:55  
 Operator : YP\AJ  
 Sample : PB149398BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB149398BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022  
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: autoint1.e  
 Quant Time: Dec 03 03:42:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 111922.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 19 05:37:37 2022  
 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    |        |            |               |
| 12) S 1-chlorooctadecane (S... | 13.382 | 5005277    | 41.455 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 82.91%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.340  | 1309440    | 9.238 ug/ml   |
| 2) T n-Decane (C10)            | 4.590  | 1467587    | 10.530 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.753  | 1518204    | 10.771 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.579  | 1289420    | 9.028 ug/ml   |
| 7) T n-Hexadecane (C16)        | 10.185 | 1133116    | 7.750 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.626 | 1032262    | 7.015 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.935 | 862212     | 6.074 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.547 | 789353     | 5.555 ug/ml   |
| 13) T n-Docosane (C22)         | 14.132 | 739883     | 5.293 ug/ml   |
| 14) T n-Tetracosane (C24)      | 15.234 | 631725     | 4.574 ug/ml   |
| 15) T n-Hexacosane (C26)       | 16.256 | 526557     | 3.920 ug/ml   |
| 16) T n-Octacosane (C28)       | 17.204 | 456651     | 3.439 ug/ml   |
| 17) T n-Tricontane (C30)       | 18.092 | 410522     | 3.109 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.925 | 462649     | 3.469 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 19.708 | 799281     | 6.040 ug/mlm  |
| 20) T n-Hexatriacontane (C36)  | 20.449 | 1541400    | 11.998 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.190 | 2820690    | 21.526 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.112 | 3588791    | 26.356 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB149398BS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

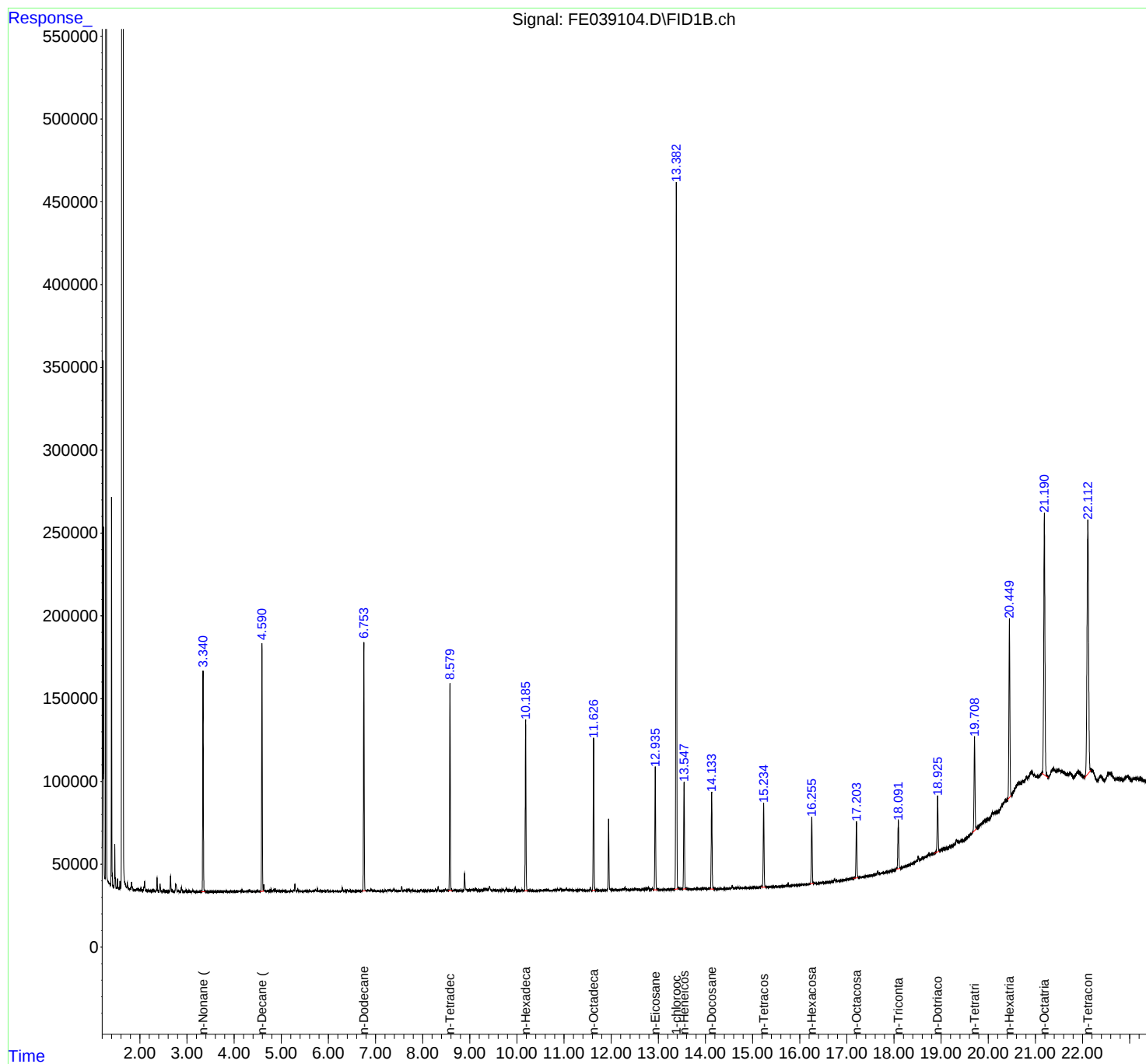
Instrument :  
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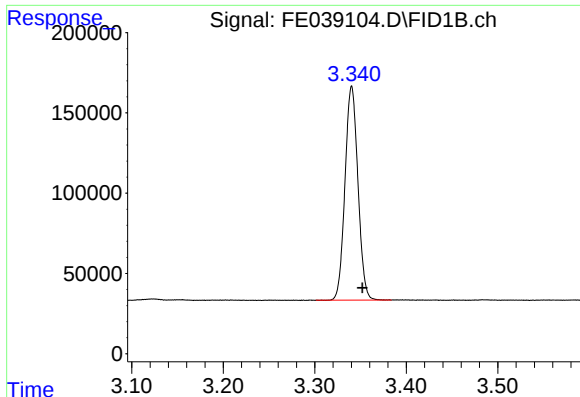
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.340 min  
Delta R.T.: -0.012 min  
Response: 1309440  
Conc: 9.24 ug/ml

Instrument :

FID\_E

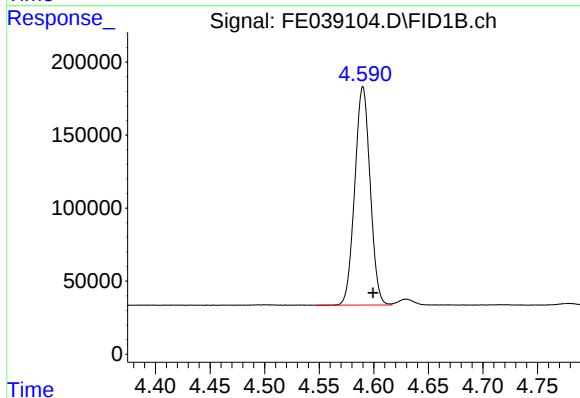
ClientSampleId :

PB149398BS

Manual Integrations

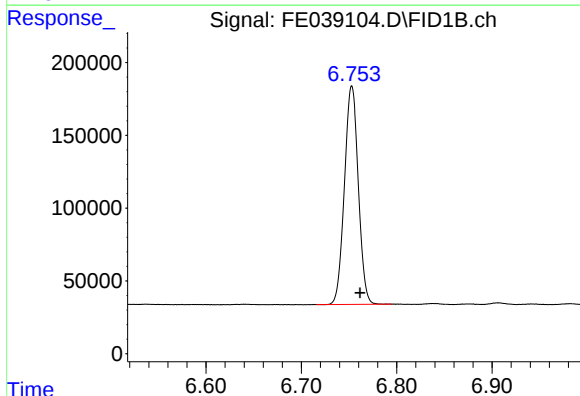
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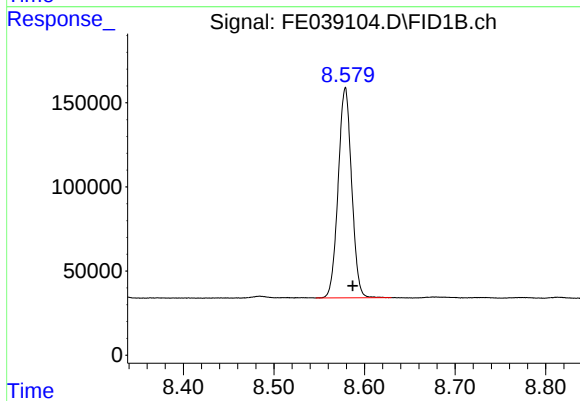
#2 n-Decane (C10)

R.T.: 4.590 min  
Delta R.T.: -0.009 min  
Response: 1467587  
Conc: 10.53 ug/ml



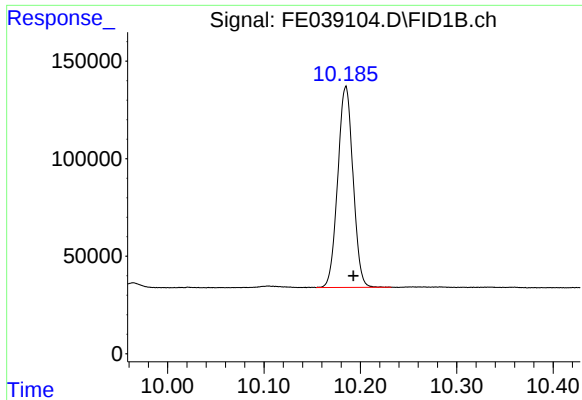
#4 n-Dodecane (C12)

R.T.: 6.753 min  
Delta R.T.: -0.009 min  
Response: 1518204  
Conc: 10.77 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.579 min  
Delta R.T.: -0.008 min  
Response: 1289420  
Conc: 9.03 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.185 min  
Delta R.T.: -0.008 min  
Response: 1133116  
Conc: 7.75 ug/ml

Instrument :

FID\_E

ClientSampleId :

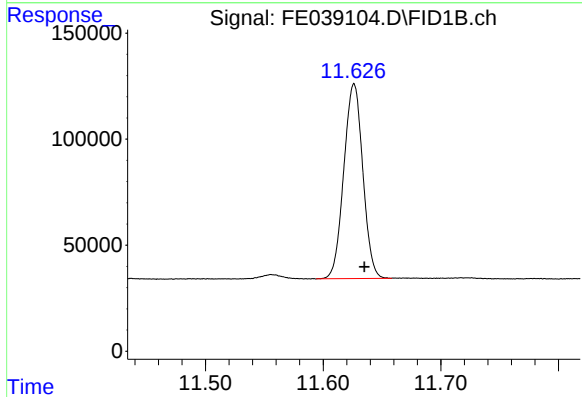
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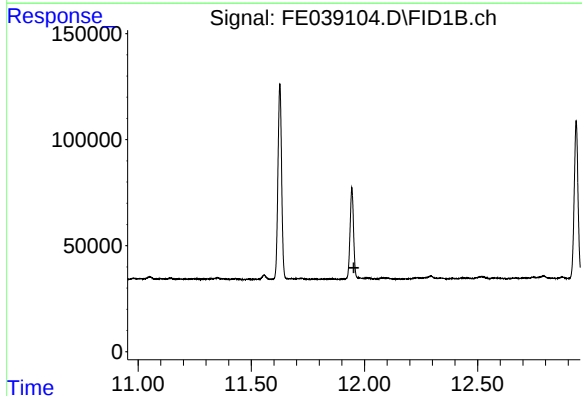
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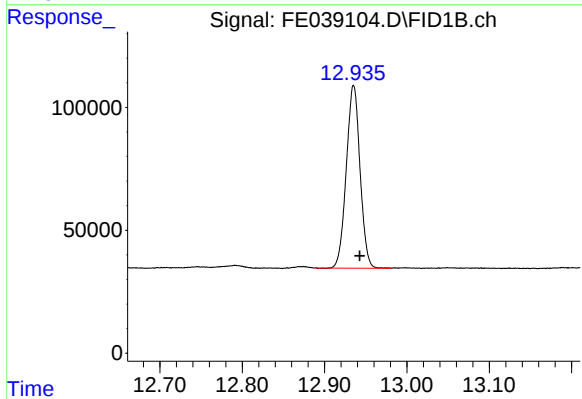
#8 n-Octadecane (C18)

R.T.: 11.626 min  
Delta R.T.: -0.009 min  
Response: 1032262  
Conc: 7.02 ug/ml



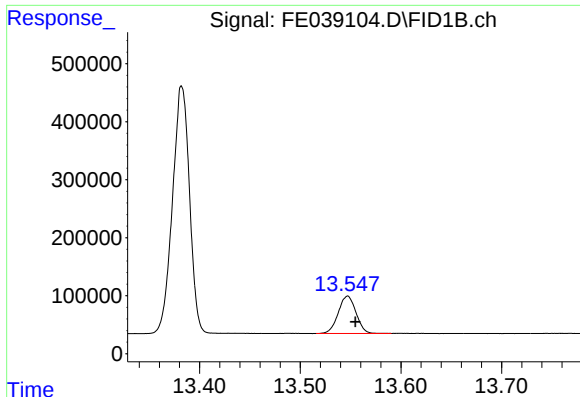
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.953 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.935 min  
Delta R.T.: -0.007 min  
Response: 862212  
Conc: 6.07 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.547 min  
Delta R.T.: -0.008 min  
Response: 789353  
Conc: 5.55 ug/ml

Instrument :

FID\_E

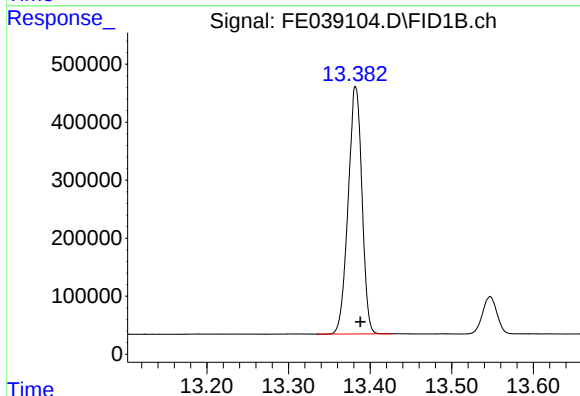
ClientSampleId :

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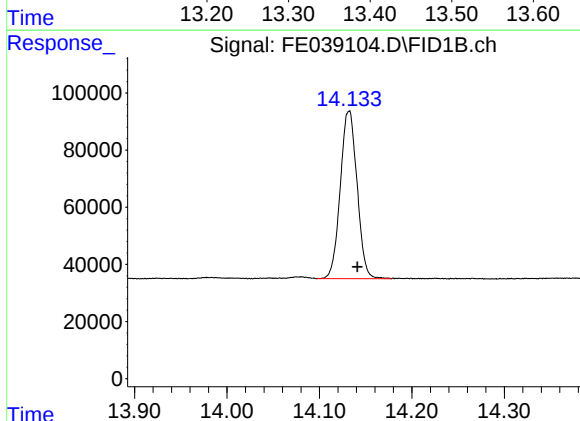
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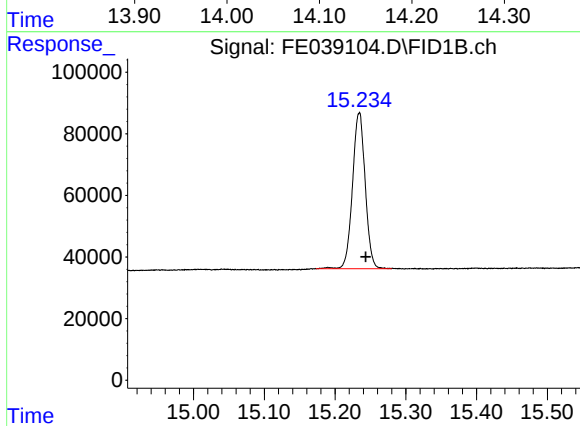
#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min  
Delta R.T.: -0.006 min  
Response: 5005277  
Conc: 41.46 ug/ml



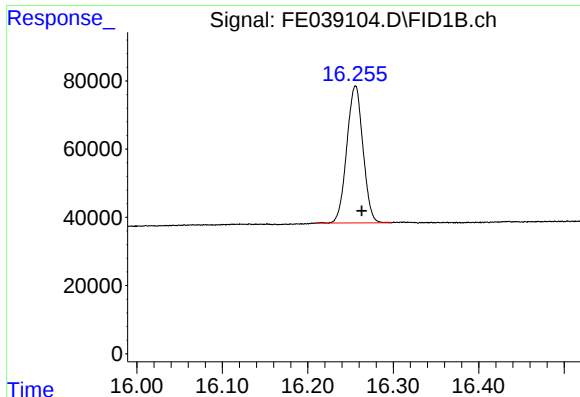
#13 n-Docosane (C22)

R.T.: 14.132 min  
Delta R.T.: -0.009 min  
Response: 739883  
Conc: 5.29 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.234 min  
Delta R.T.: -0.009 min  
Response: 631725  
Conc: 4.57 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.256 min  
Delta R.T.: -0.007 min  
Response: 526557  
Conc: 3.92 ug/ml

Instrument :

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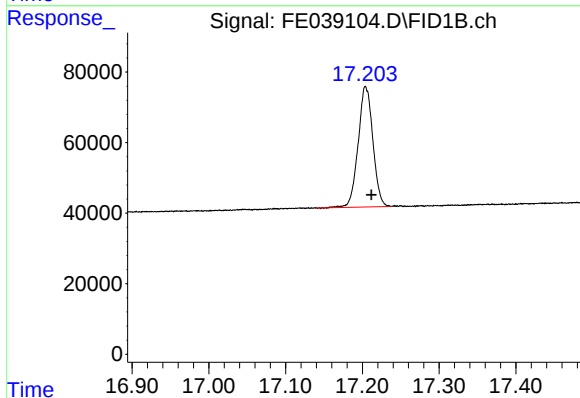
ClientSampleId :

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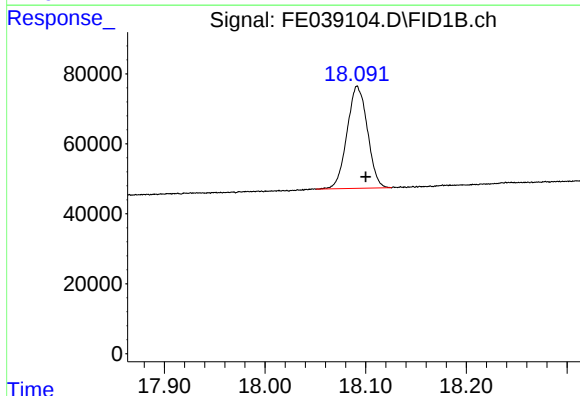
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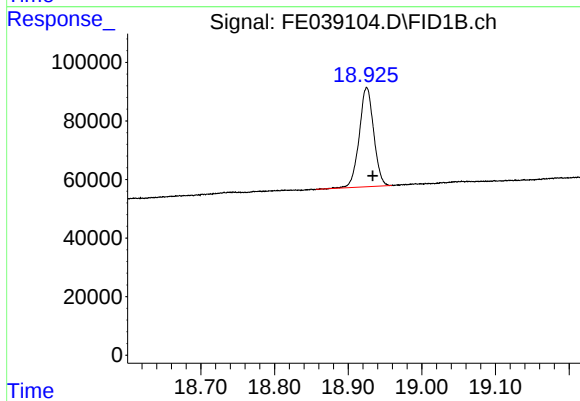
#16 n-Octacosane (C28)

R.T.: 17.204 min  
Delta R.T.: -0.008 min  
Response: 456651  
Conc: 3.44 ug/ml



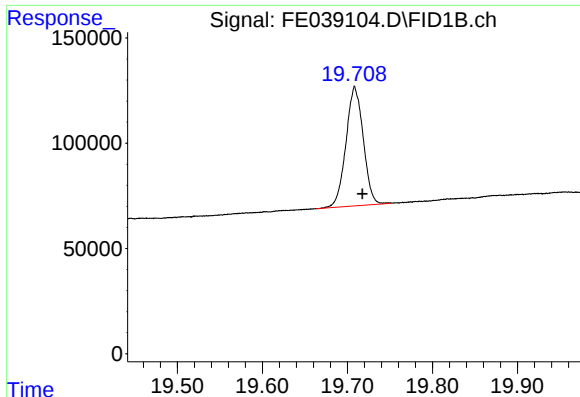
#17 n-Tricontane (C30)

R.T.: 18.092 min  
Delta R.T.: -0.009 min  
Response: 410522  
Conc: 3.11 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.925 min  
Delta R.T.: -0.008 min  
Response: 462649  
Conc: 3.47 ug/ml



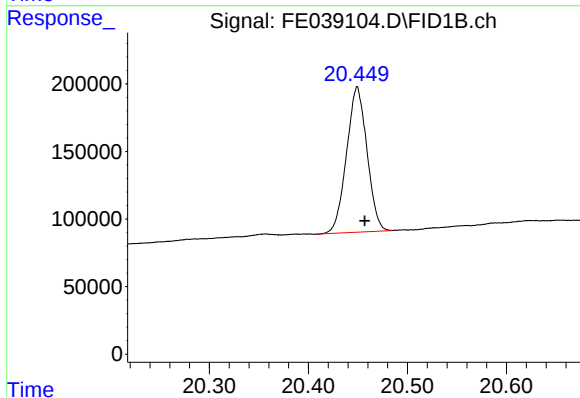
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min  
Delta R.T.: -0.010 min  
Response: 799281  
Conc: 6.04 ug/ml

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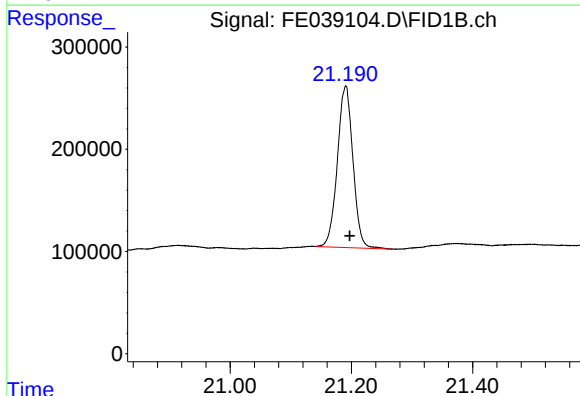
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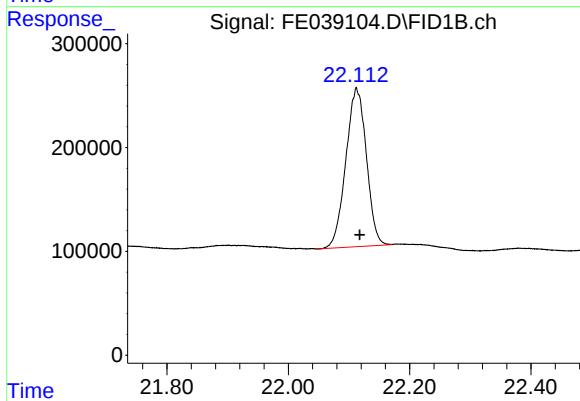
#20 n-Hexatriacontane (C36)

R.T.: 20.449 min  
Delta R.T.: -0.008 min  
Response: 1541400  
Conc: 12.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.190 min  
Delta R.T.: -0.007 min  
Response: 2820690  
Conc: 21.53 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.112 min  
Delta R.T.: -0.006 min  
Response: 3588791  
Conc: 26.36 ug/ml m