

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102022AL\  
 Data File : FD044184.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Oct 2022 12:06  
 Operator : YP/AJ  
 Sample : N4955-09  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 MDL-WATER-03-QT4-2022

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/21/2022  
 Supervised By :Ankita Jodhani 10/21/2022

Integration File: sample.E  
 Quant Time: Oct 20 14:38:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 100522.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 06 01:41:44 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... | 12.720 | 6366575    | 50.623 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 101.25%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.141  | 150550     | 1.115 ug/mlm |
| 2) T n-Decane (C10)            | 4.188  | 196229     | 1.461 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.182  | 259713     | 1.869 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.961  | 301760     | 2.167 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.548  | 278672     | 1.976 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.977 | 288173     | 1.982 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.275 | 291093     | 1.963 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.882 | 303855     | 2.025 ug/ml  |
| 13) T n-Docosane (C22)         | 13.462 | 301752     | 2.007 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.554 | 298461     | 1.977 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.565 | 284817     | 1.881 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.505 | 279547     | 1.856 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.383 | 286196     | 1.867 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.207 | 280835     | 1.831 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.981 | 265304     | 1.802 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.711 | 244017     | 1.664 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.403 | 227595     | 1.631 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.162 | 210224     | 1.616 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : N4955-09  
Misc :  
ALS Vial : 59 Sample Multiplier: 1

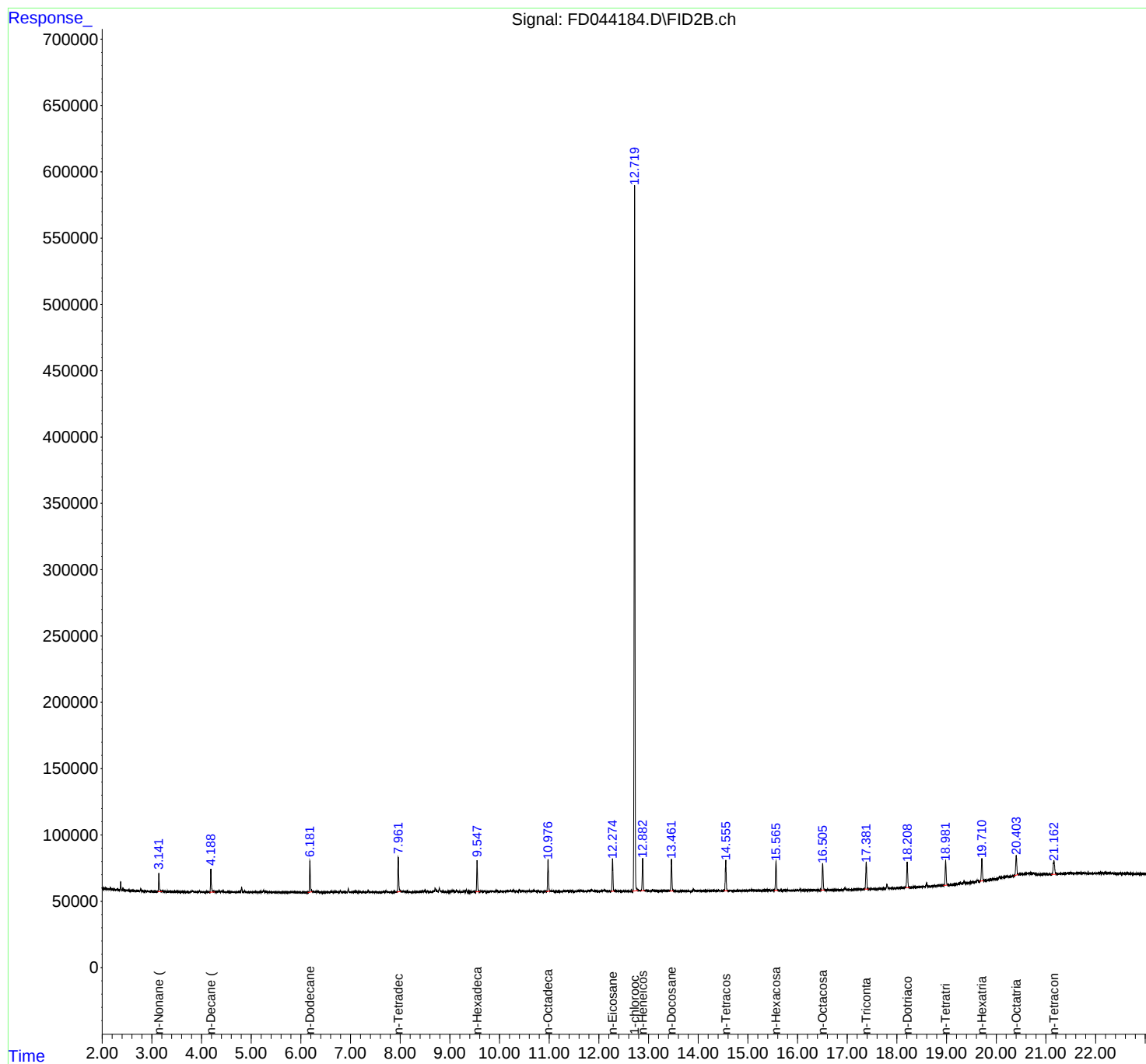
Instrument :  
FID\_D  
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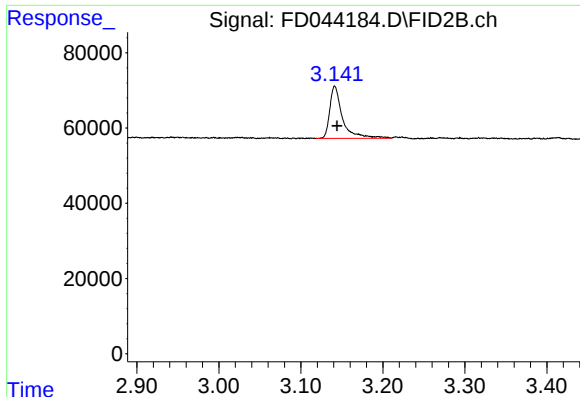
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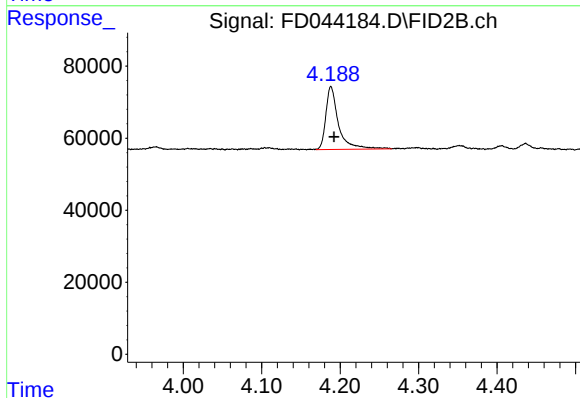
#1 n-Nonane (C9)

R.T.: 3.141 min  
Delta R.T.: -0.003 min  
Response: 150550  
Conc: 1.11 ug/ml

Instrument :  
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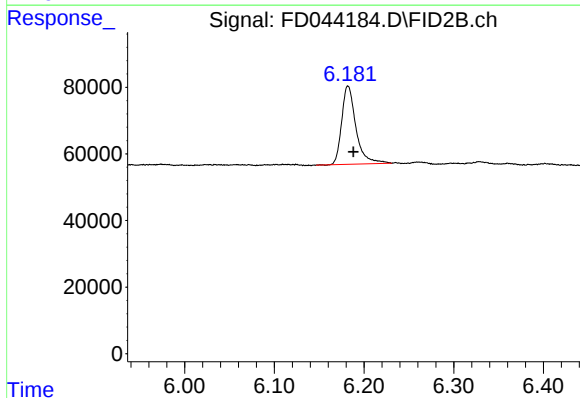
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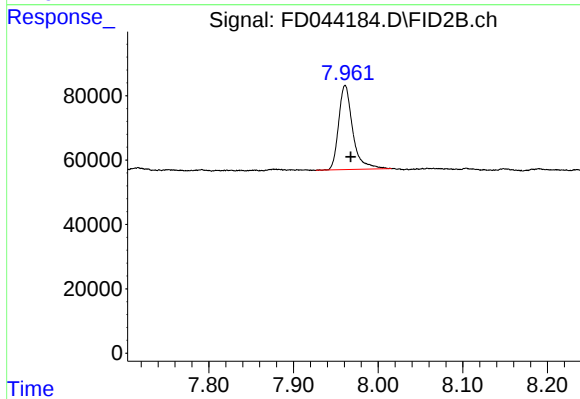
#2 n-Decane (C10)

R.T.: 4.188 min  
Delta R.T.: -0.004 min  
Response: 196229  
Conc: 1.46 ug/ml m



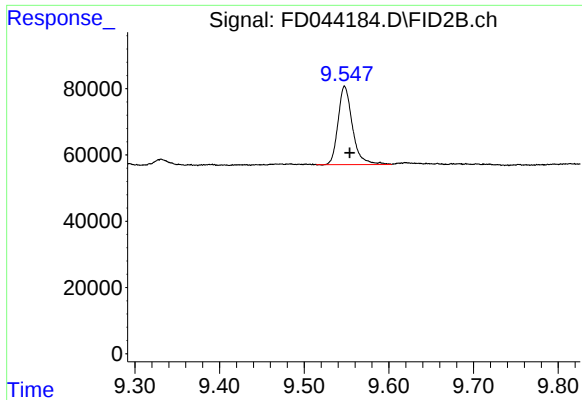
#4 n-Dodecane (C12)

R.T.: 6.182 min  
Delta R.T.: -0.006 min  
Response: 259713  
Conc: 1.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.961 min  
Delta R.T.: -0.007 min  
Response: 301760  
Conc: 2.17 ug/ml



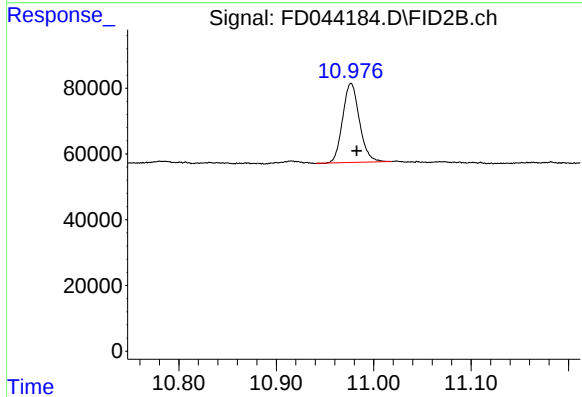
#7 n-Hexadecane (C16)

R.T.: 9.548 min  
Delta R.T.: -0.006 min  
Response: 278672  
Conc: 1.98 ug/ml

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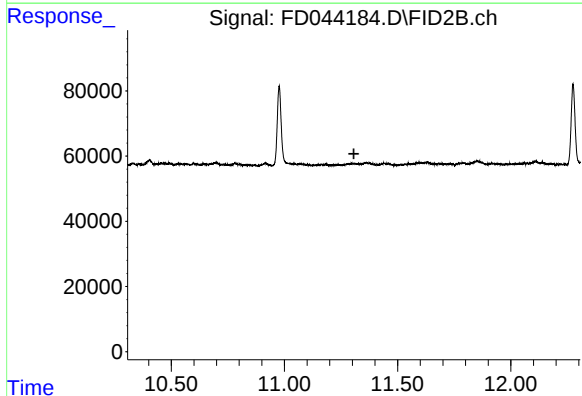
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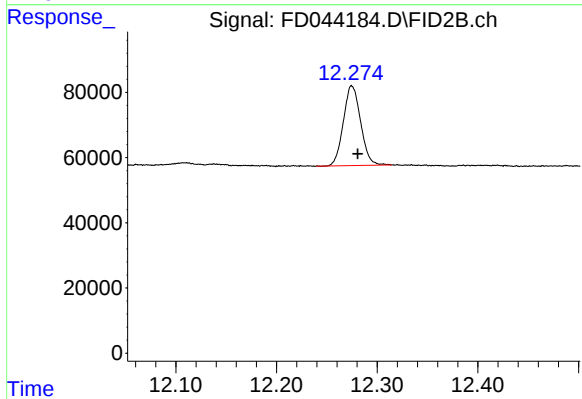
#8 n-Octadecane (C18)

R.T.: 10.977 min  
Delta R.T.: -0.006 min  
Response: 288173  
Conc: 1.98 ug/ml



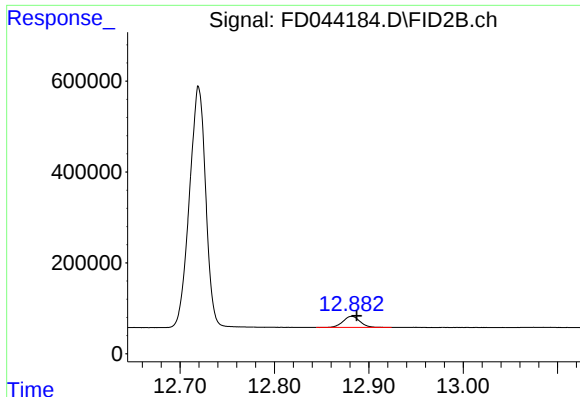
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.307 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.275 min  
Delta R.T.: -0.006 min  
Response: 291093  
Conc: 1.96 ug/ml



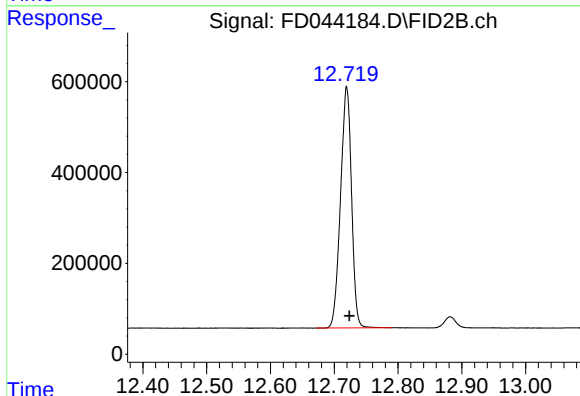
#11 n-Heneicosane (C21)

R.T.: 12.882 min  
Delta R.T.: -0.005 min  
Response: 303855  
Conc: 2.03 ug/ml

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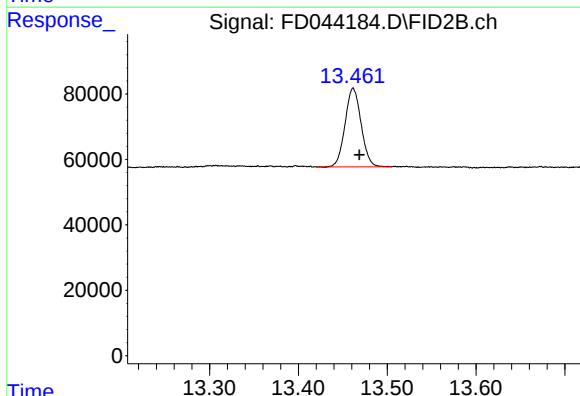
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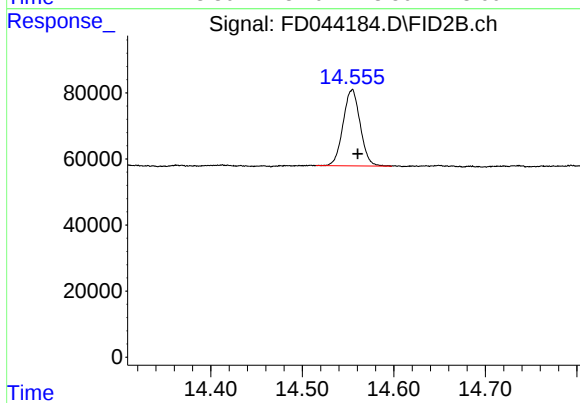
#12 1-chlorooctadecane (SURR)

R.T.: 12.720 min  
Delta R.T.: -0.004 min  
Response: 6366575  
Conc: 50.62 ug/ml



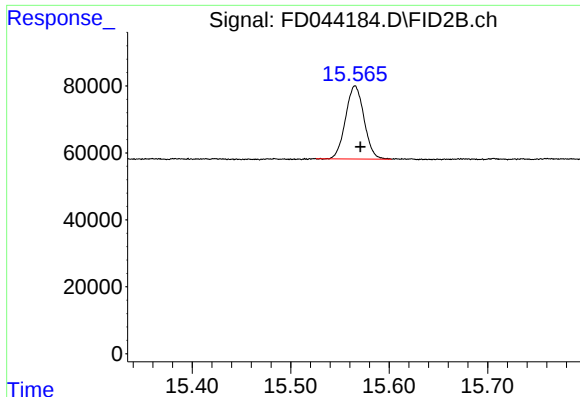
#13 n-Docosane (C22)

R.T.: 13.462 min  
Delta R.T.: -0.007 min  
Response: 301752  
Conc: 2.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.554 min  
Delta R.T.: -0.006 min  
Response: 298461  
Conc: 1.98 ug/ml



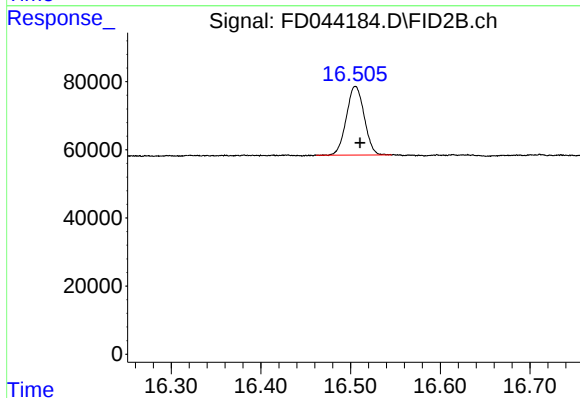
#15 n-Hexacosane (C26)

R.T.: 15.565 min  
Delta R.T.: -0.005 min  
Response: 284817  
Conc: 1.88 ug/ml

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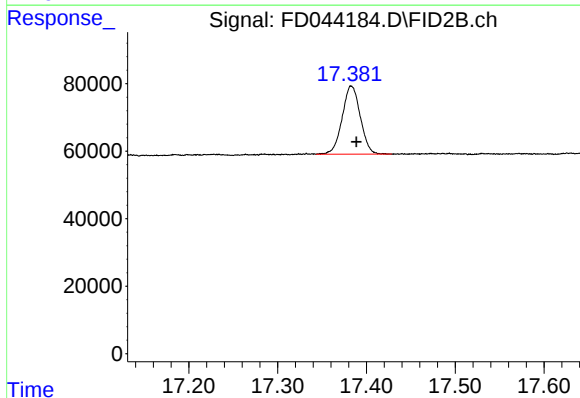
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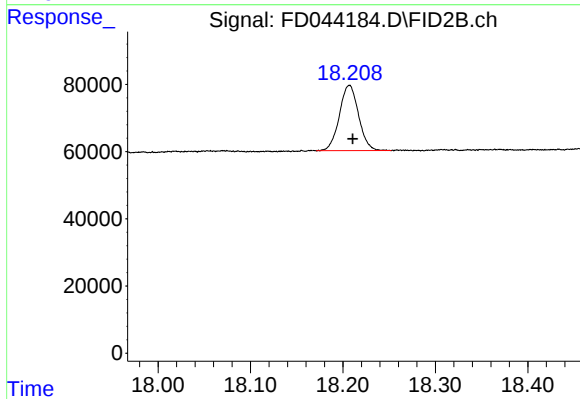
#16 n-Octacosane (C28)

R.T.: 16.505 min  
Delta R.T.: -0.005 min  
Response: 279547  
Conc: 1.86 ug/ml



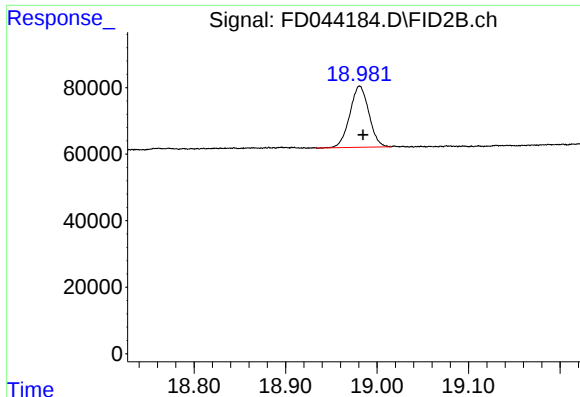
#17 n-Tricontane (C30)

R.T.: 17.383 min  
Delta R.T.: -0.006 min  
Response: 286196  
Conc: 1.87 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.207 min  
Delta R.T.: -0.003 min  
Response: 280835  
Conc: 1.83 ug/ml



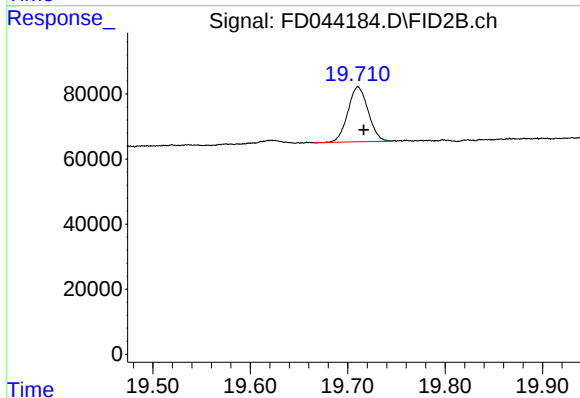
#19 n-Tetratriacontane (C34)

R.T.: 18.981 min  
Delta R.T.: -0.004 min  
Response: 265304  
Conc: 1.80 ug/ml

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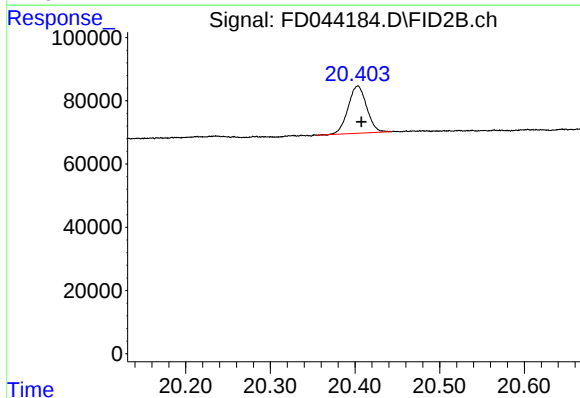
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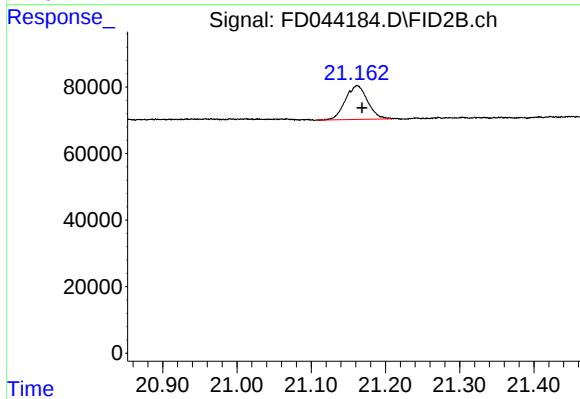
#20 n-Hexatriacontane (C36)

R.T.: 19.711 min  
Delta R.T.: -0.006 min  
Response: 244017  
Conc: 1.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.403 min  
Delta R.T.: -0.004 min  
Response: 227595  
Conc: 1.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.162 min  
Delta R.T.: -0.006 min  
Response: 210224  
Conc: 1.62 ug/ml