

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051324AL\  
 Data File : FD047745.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 May 2024 19:35  
 Operator : YP/AJ  
 Sample : P2403-08  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/14/2024  
 Supervised By :Ankita Jodhani 05/14/2024

Integration File: autoint1.e  
 Quant Time: May 14 03:30:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 051324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 13 13:08:23 2024  
 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... | 12.793 | 7323553    | 44.942 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 89.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.186  | 551061     | 2.862 ug/ml  |
| 2) T n-Decane (C10)            | 4.239  | 692185     | 3.496 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.238  | 902012     | 4.542 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.021  | 826381     | 4.231 ug/mlm |
| 7) T n-Hexadecane (C16)        | 9.613  | 824542     | 4.109 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.047 | 913356     | 4.497 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.350 | 965841     | 4.947 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.958 | 898391     | 4.671 ug/ml  |
| 13) T n-Docosane (C22)         | 13.541 | 1075673    | 5.653 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.639 | 1323078    | 7.037 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.654 | 1446477    | 7.985 ug/mlm |
| 16) T n-Octacosane (C28)       | 16.600 | 1582902    | 9.082 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.483 | 1627141    | 9.324 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.311 | 1506140    | 8.846 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.090 | 1126694    | 6.986 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.825 | 870228     | 5.693 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.527 | 743970     | 5.060 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.334 | 682661     | 4.813 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FD047745.D  
Signal(s) : FID2B.ch  
Acq On : 13 May 2024 19:35  
Operator : YP/AJ  
Sample : P2403-08  
Misc :  
ALS Vial : 69 Sample Multiplier: 1

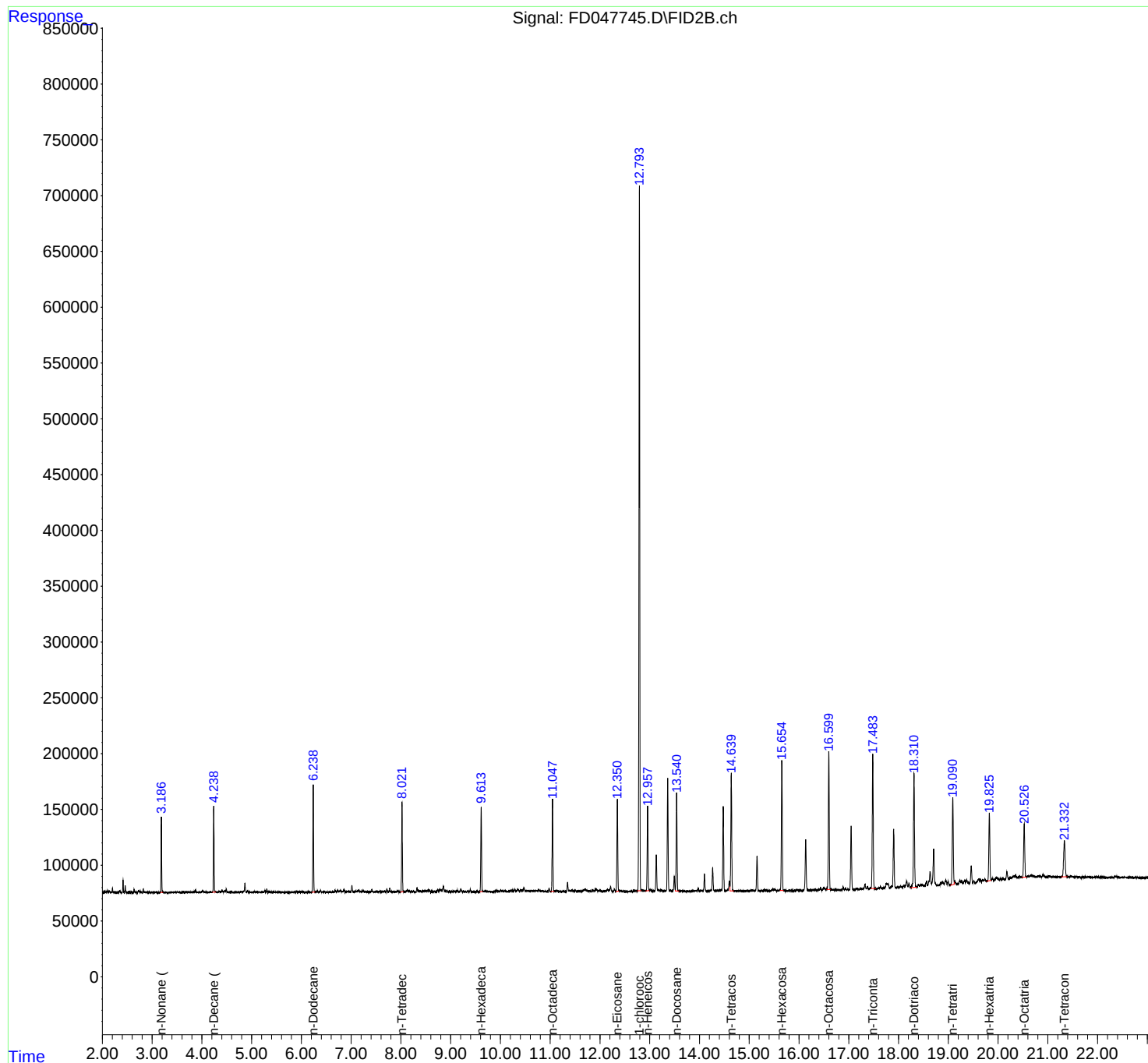
Instrument :  
FID\_D  
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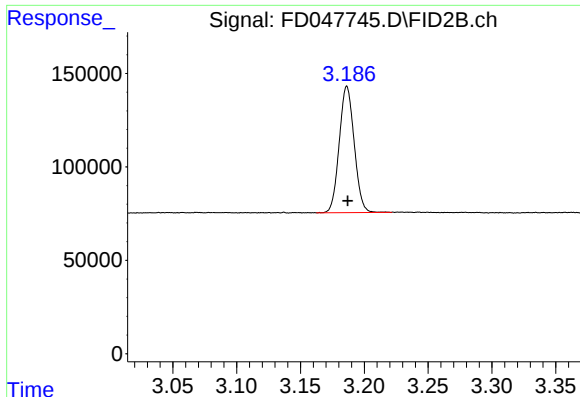
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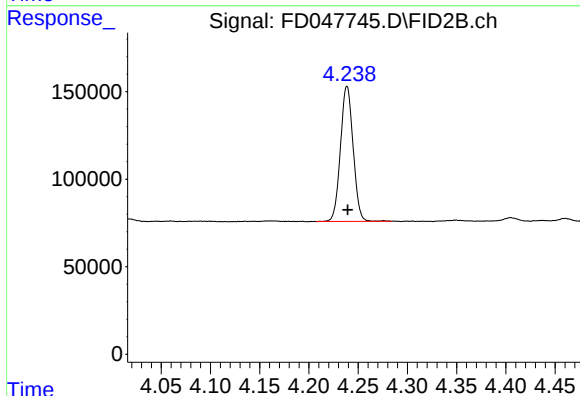
#1 n-Nonane (C9)

R.T.: 3.186 min  
Delta R.T.: 0.000 min  
Response: 551061  
Conc: 2.86 ug/ml

Instrument :  
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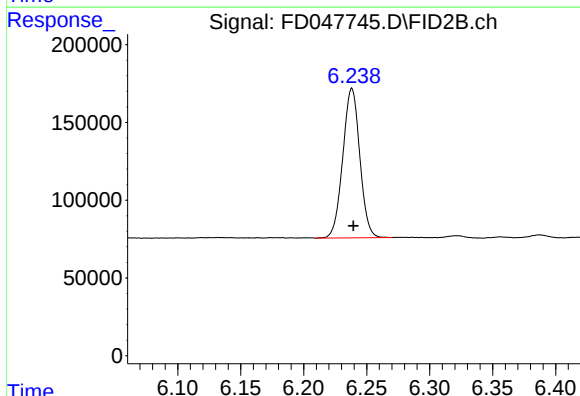
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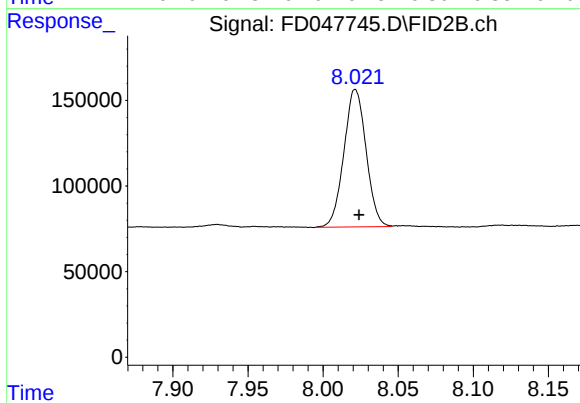
#2 n-Decane (C10)

R.T.: 4.239 min  
Delta R.T.: 0.000 min  
Response: 692185  
Conc: 3.50 ug/ml



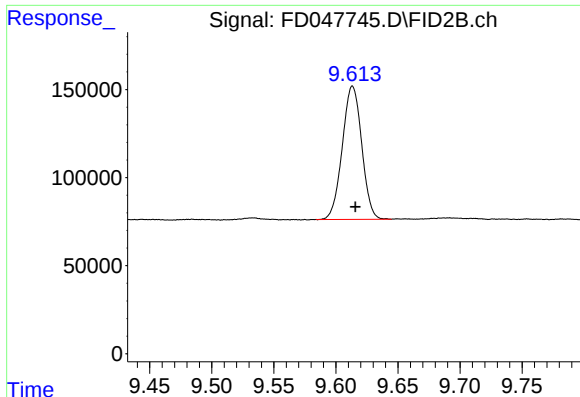
#4 n-Dodecane (C12)

R.T.: 6.238 min  
Delta R.T.: -0.001 min  
Response: 902012  
Conc: 4.54 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.021 min  
Delta R.T.: -0.003 min  
Response: 826381  
Conc: 4.23 ug/ml m



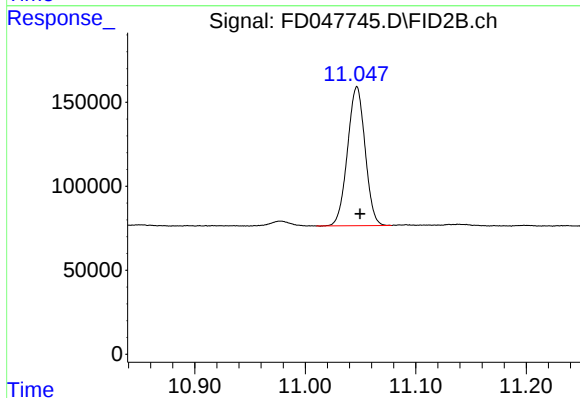
#7 n-Hexadecane (C16)

R.T.: 9.613 min  
Delta R.T.: -0.002 min  
Response: 824542  
Conc: 4.11 ug/ml

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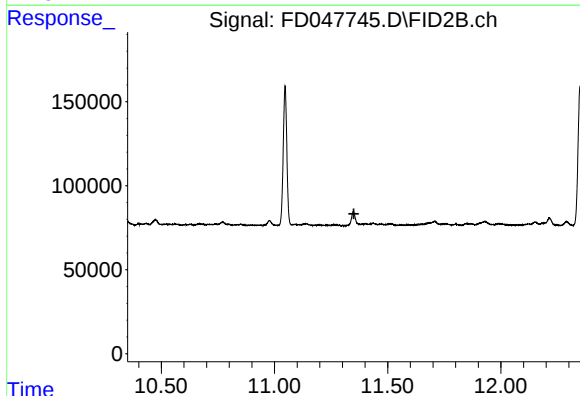
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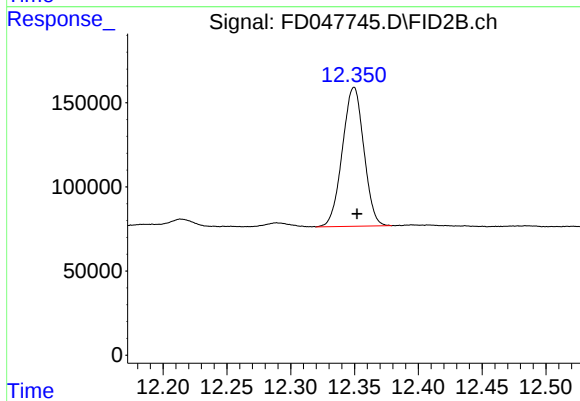
#8 n-Octadecane (C18)

R.T.: 11.047 min  
Delta R.T.: -0.003 min  
Response: 913356  
Conc: 4.50 ug/ml



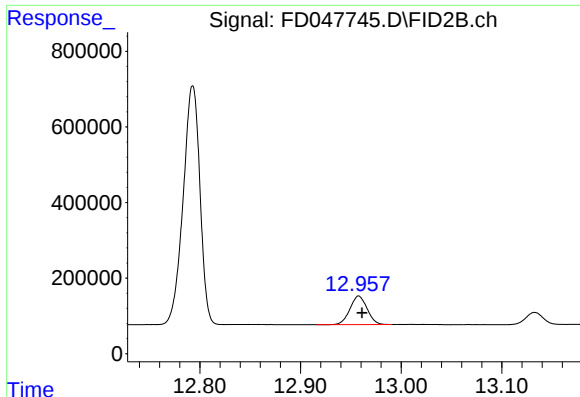
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.351 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.350 min  
Delta R.T.: -0.002 min  
Response: 965841  
Conc: 4.95 ug/ml



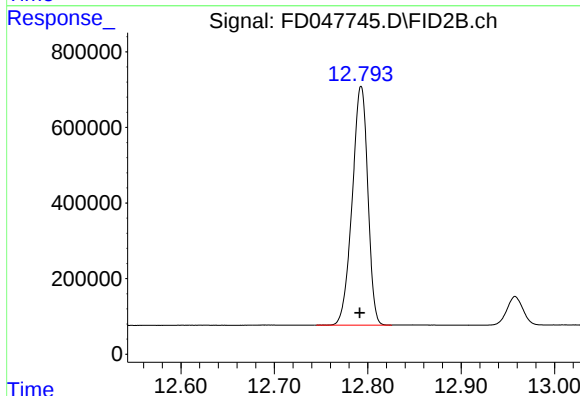
#11 n-Heneicosane (C21)

R.T.: 12.958 min  
Delta R.T.: -0.003 min  
Response: 898391  
Conc: 4.67 ug/ml

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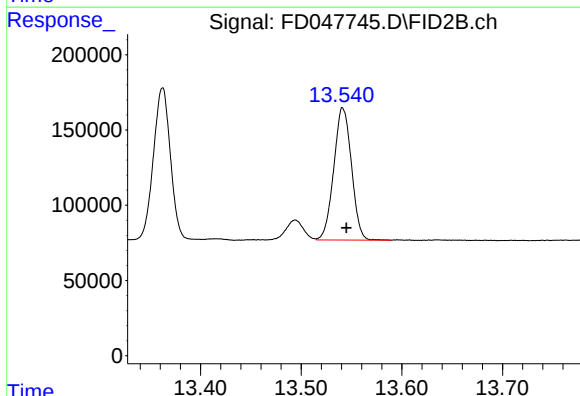
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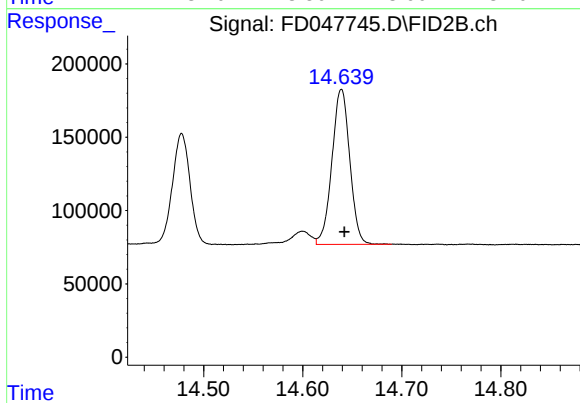
#12 1-chlorooctadecane (SURR)

R.T.: 12.793 min  
Delta R.T.: 0.001 min  
Response: 7323553  
Conc: 44.94 ug/ml



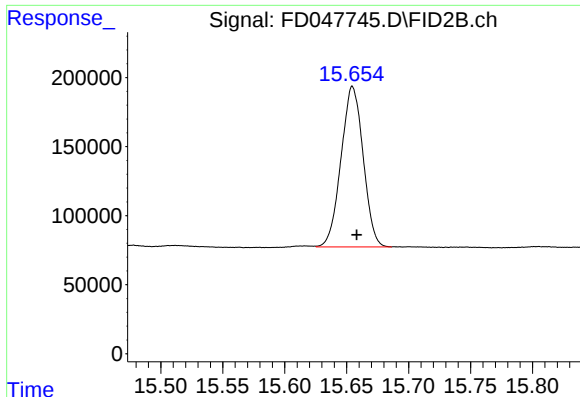
#13 n-Docosane (C22)

R.T.: 13.541 min  
Delta R.T.: -0.004 min  
Response: 1075673  
Conc: 5.65 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.639 min  
Delta R.T.: -0.003 min  
Response: 1323078  
Conc: 7.04 ug/ml



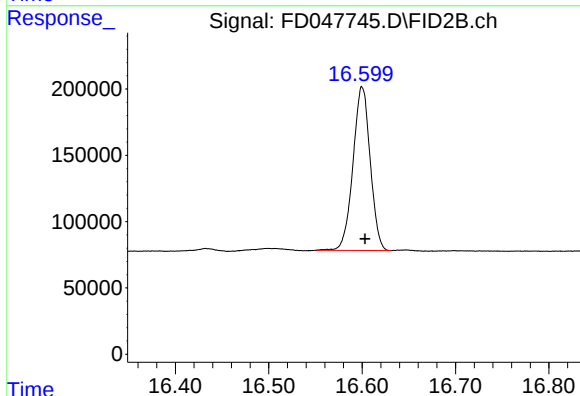
#15 n-Hexacosane (C26)

R.T.: 15.654 min  
Delta R.T.: -0.004 min  
Response: 1446477  
Conc: 7.99 ug/ml

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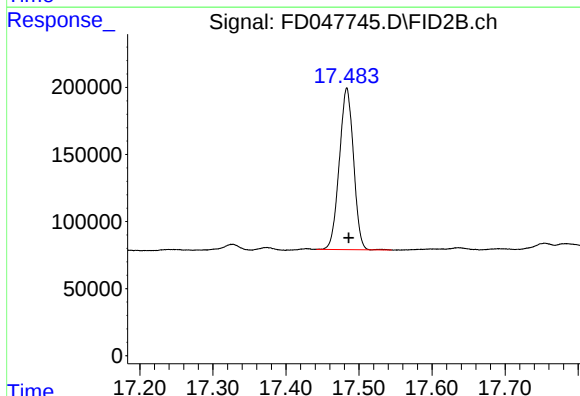
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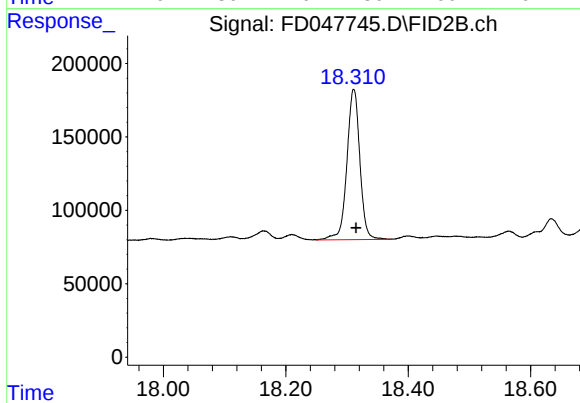
#16 n-Octacosane (C28)

R.T.: 16.600 min  
Delta R.T.: -0.003 min  
Response: 1582902  
Conc: 9.08 ug/ml



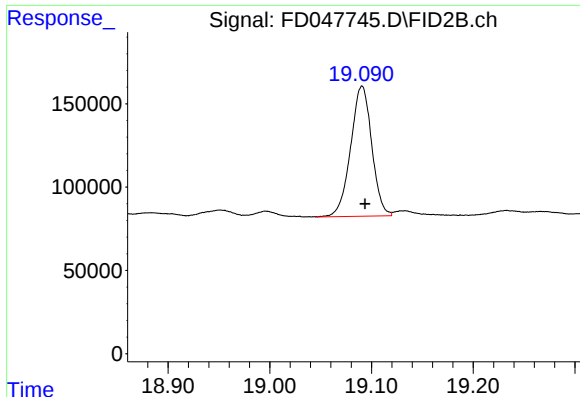
#17 n-Tricontane (C30)

R.T.: 17.483 min  
Delta R.T.: -0.003 min  
Response: 1627141  
Conc: 9.32 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.311 min  
Delta R.T.: -0.003 min  
Response: 1506140  
Conc: 8.85 ug/ml



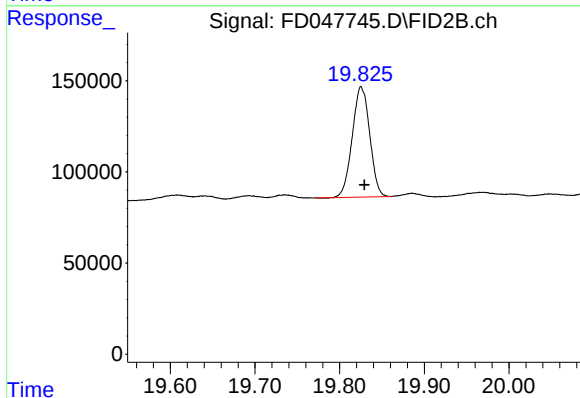
#19 n-Tetratriacontane (C34)

R.T.: 19.090 min  
Delta R.T.: -0.003 min  
Response: 1126694  
Conc: 6.99 ug/ml

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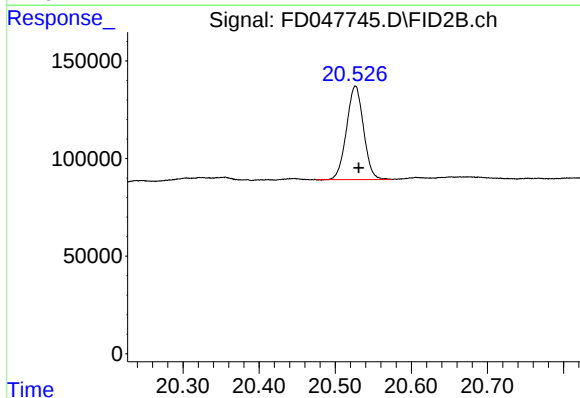
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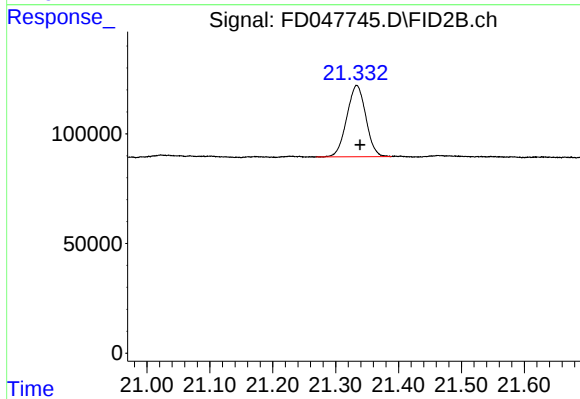
#20 n-Hexatriacontane (C36)

R.T.: 19.825 min  
Delta R.T.: -0.004 min  
Response: 870228  
Conc: 5.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.527 min  
Delta R.T.: -0.004 min  
Response: 743970  
Conc: 5.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.334 min  
Delta R.T.: -0.005 min  
Response: 682661  
Conc: 4.81 ug/ml