

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081023AL\  
 Data File : FF013185.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Aug 2023 18:40  
 Operator : YP\AJ  
 Sample : 03572-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023  
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e  
 Quant Time: Aug 10 22:58:54 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 081023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 10 16:05:52 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.333 | 4857190    | 46.350 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 92.70%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.285  | 405895     | 3.799 ug/ml  |
| 2) T n-Decane (C10)            | 4.539  | 399892     | 3.732 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.702  | 411245     | 3.801 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.527  | 416034     | 3.854 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.134 | 417536     | 3.852 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.576 | 436460     | 3.986 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.886 | 422629     | 3.851 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.497 | 424850     | 3.867 ug/ml  |
| 13) T n-Docosane (C22)         | 14.084 | 423237     | 3.855 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.185 | 422459     | 3.845 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.206 | 422345     | 3.864 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.156 | 418549     | 3.876 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.042 | 425517     | 3.891 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.874 | 439629     | 3.892 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.657 | 411063     | 3.870 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.395 | 401720     | 3.811 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.123 | 374007     | 3.703 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.021 | 383167     | 3.855 ug/mlm |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : 03572-07  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

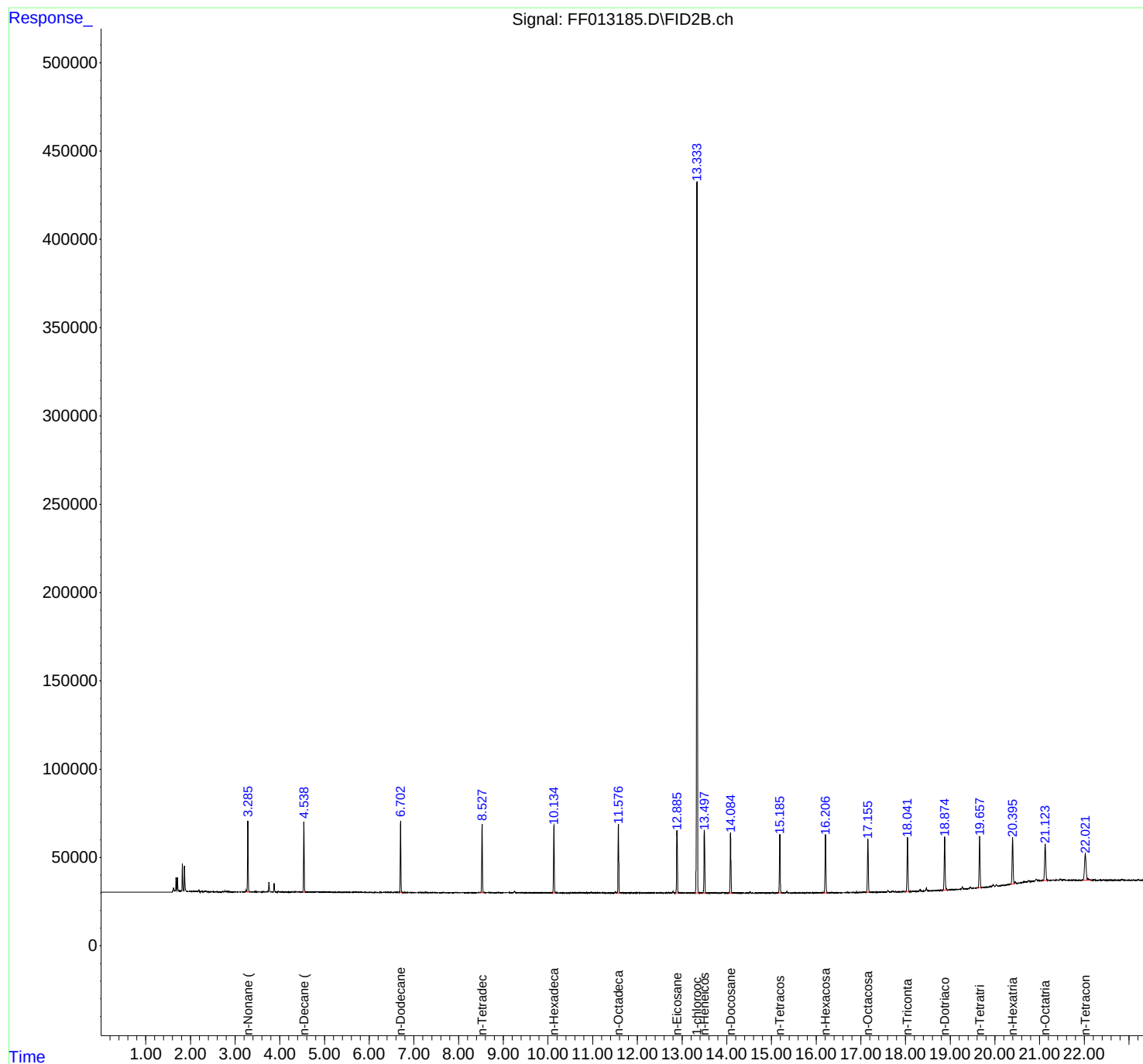
Instrument :  
FID\_F  
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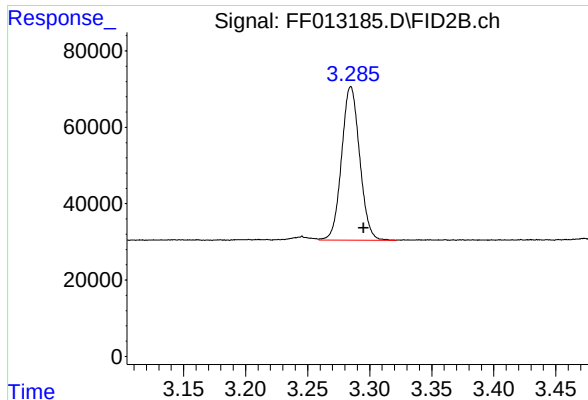
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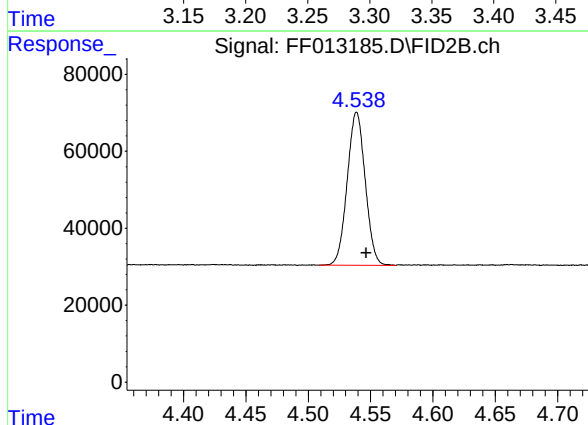
#1 n-Nonane (C9)

R.T.: 3.285 min  
Delta R.T.: -0.010 min  
Response: 405895  
Conc: 3.80 ug/ml

Instrument :  
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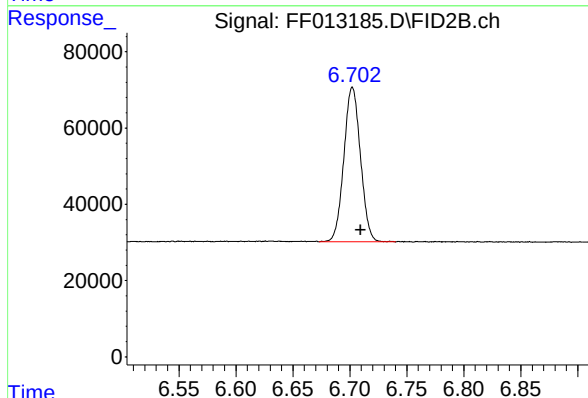
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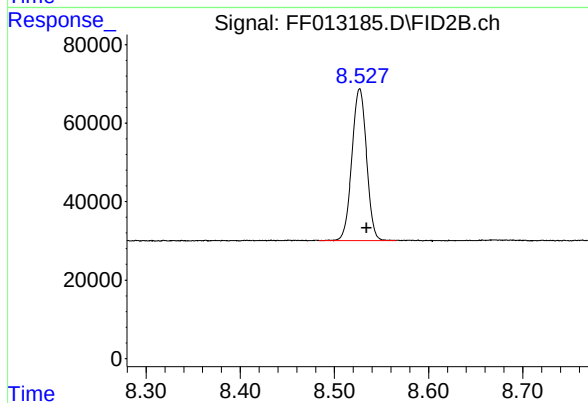
#2 n-Decane (C10)

R.T.: 4.539 min  
Delta R.T.: -0.008 min  
Response: 399892  
Conc: 3.73 ug/ml



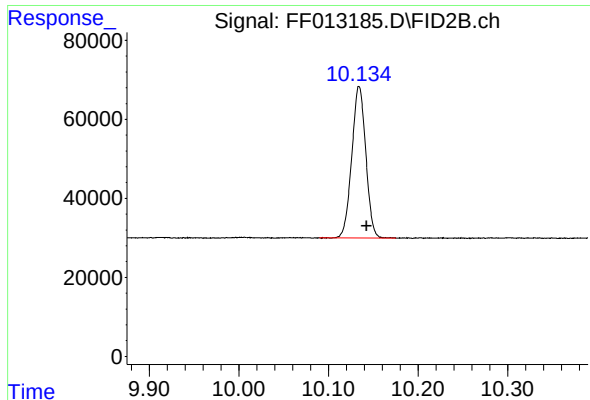
#4 n-Dodecane (C12)

R.T.: 6.702 min  
Delta R.T.: -0.007 min  
Response: 411245  
Conc: 3.80 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.527 min  
Delta R.T.: -0.007 min  
Response: 416034  
Conc: 3.85 ug/ml



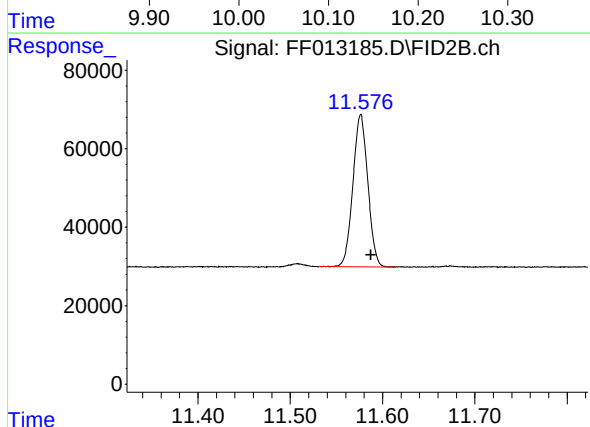
#7 n-Hexadecane (C16)

R.T.: 10.134 min  
Delta R.T.: -0.008 min  
Response: 417536  
Conc: 3.85 ug/ml

Instrument :  
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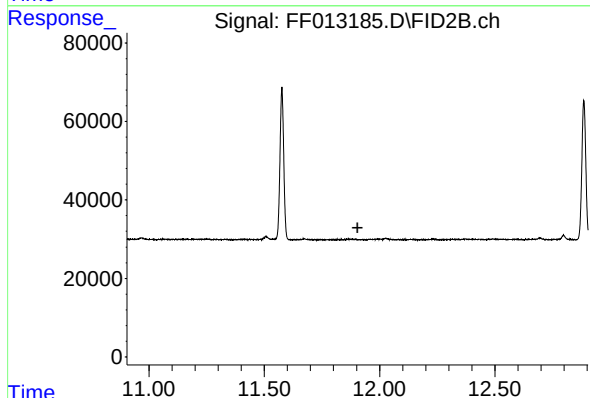
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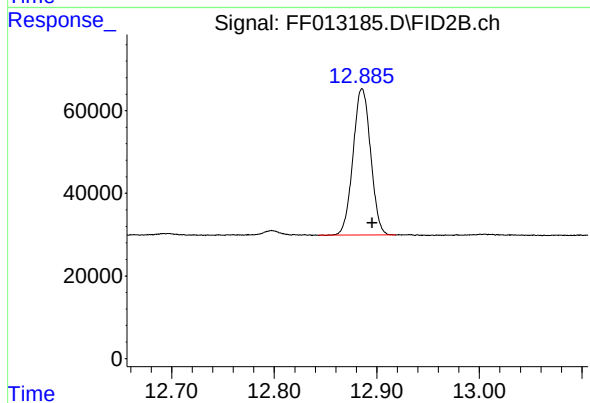
#8 n-Octadecane (C18)

R.T.: 11.576 min  
Delta R.T.: -0.011 min  
Response: 436460  
Conc: 3.99 ug/ml



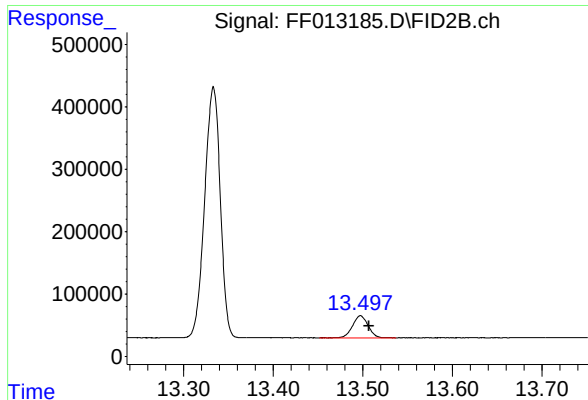
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T.: 11.904 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.886 min  
Delta R.T.: -0.010 min  
Response: 422629  
Conc: 3.85 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.497 min  
Delta R.T.: -0.009 min  
Response: 424850  
Conc: 3.87 ug/ml

Instrument :

FID\_F

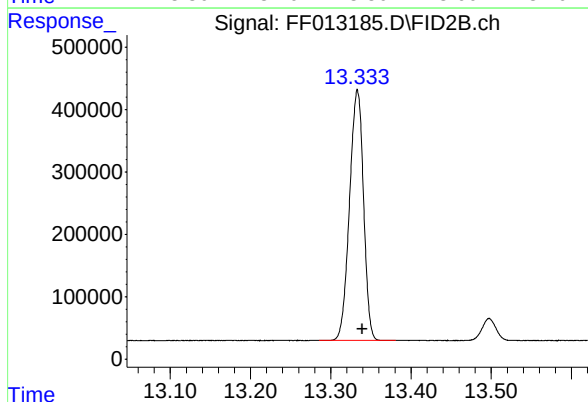
ClientSampleId :

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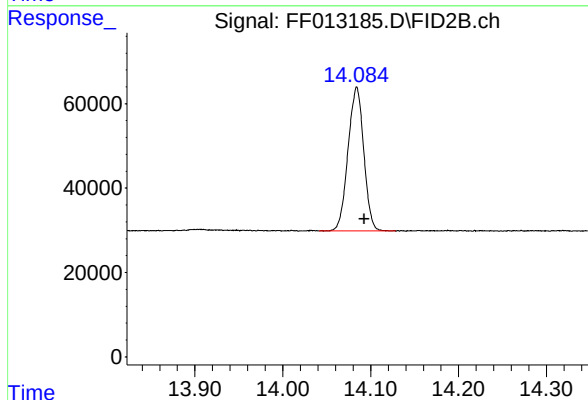
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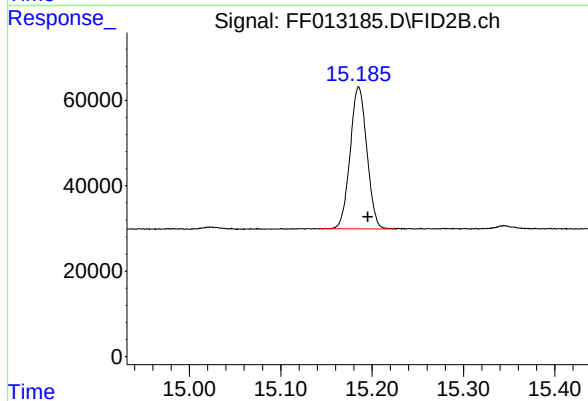
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min  
Delta R.T.: -0.006 min  
Response: 4857190  
Conc: 46.35 ug/ml



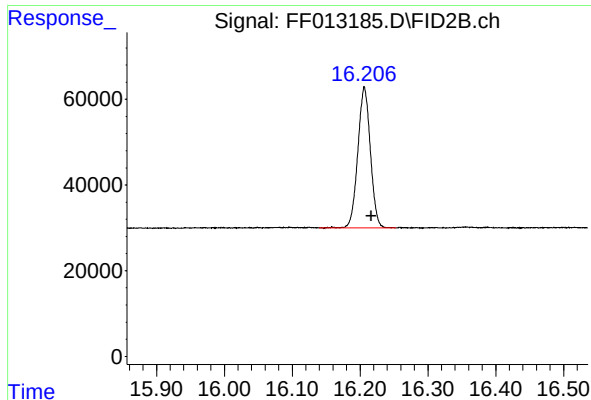
#13 n-Docosane (C22)

R.T.: 14.084 min  
Delta R.T.: -0.008 min  
Response: 423237  
Conc: 3.86 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.185 min  
Delta R.T.: -0.010 min  
Response: 422459  
Conc: 3.85 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.206 min  
Delta R.T.: -0.010 min  
Response: 422345  
Conc: 3.86 ug/ml

Instrument :

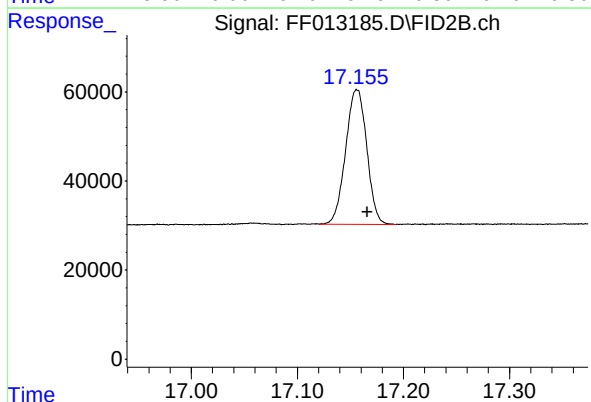
FID\_F

ClientSampleId :

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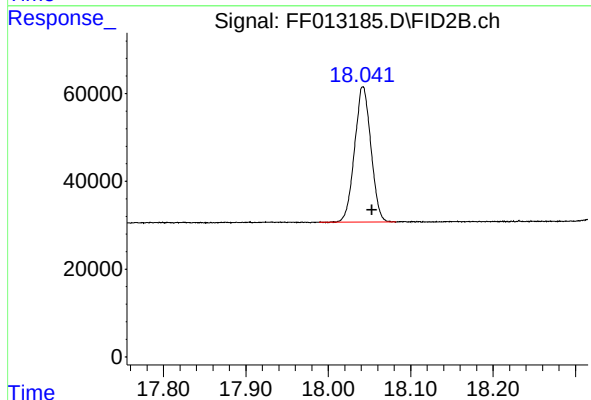
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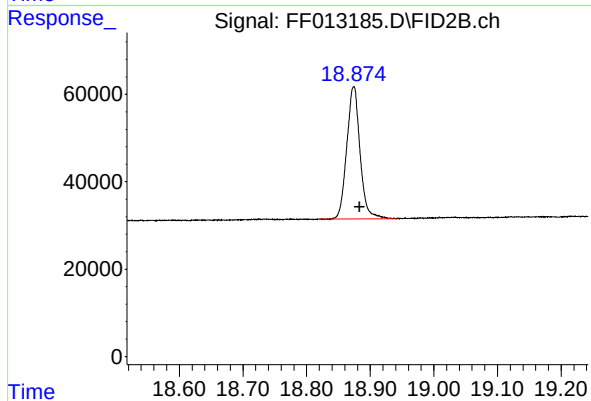
#16 n-Octacosane (C28)

R.T.: 17.156 min  
Delta R.T.: -0.010 min  
Response: 418549  
Conc: 3.88 ug/ml



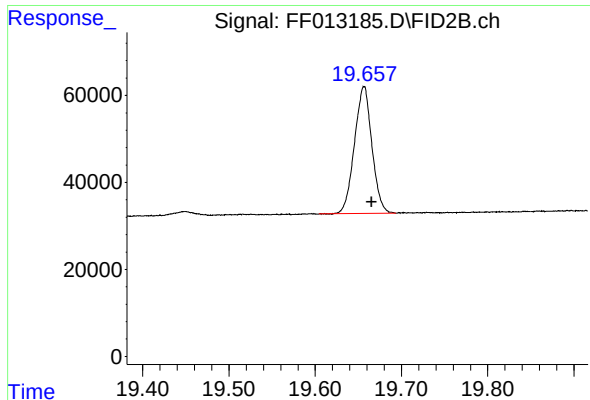
#17 n-Tricontane (C30)

R.T.: 18.042 min  
Delta R.T.: -0.011 min  
Response: 425517  
Conc: 3.89 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.874 min  
Delta R.T.: -0.010 min  
Response: 439629  
Conc: 3.89 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.657 min  
Delta R.T.: -0.009 min  
Response: 411063  
Conc: 3.87 ug/ml

Instrument :

FID\_F

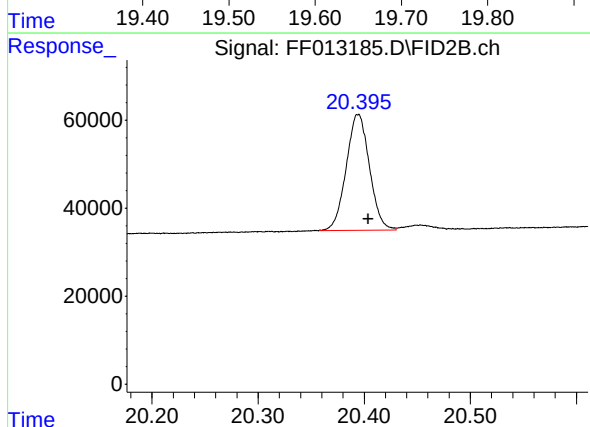
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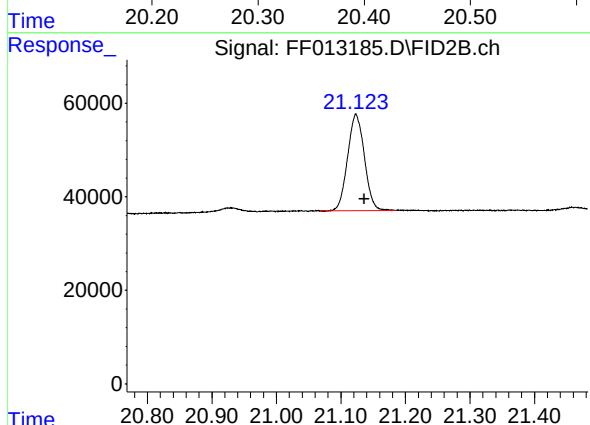
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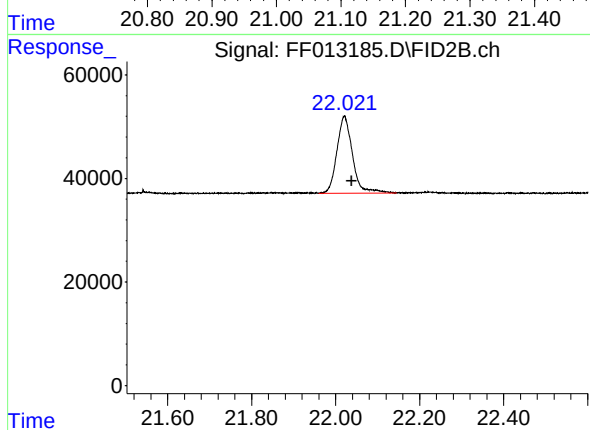
#20 n-Hexatriacontane (C36)

R.T.: 20.395 min  
Delta R.T.: -0.009 min  
Response: 401720  
Conc: 3.81 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.123 min  
Delta R.T.: -0.013 min  
Response: 374007  
Conc: 3.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.021 min  
Delta R.T.: -0.017 min  
Response: 383167  
Conc: 3.86 ug/ml m