

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051124AL\  
 Data File : FE048148.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 May 2024 10:08  
 Operator : YP\AJ  
 Sample : P2403-09  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 MDL-WATER-03-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 02:15:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 03:29:12 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... | 13.392 | 5021322    | 44.937 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 89.87%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.346  | 267044     | 2.072 ug/ml  |
| 2) T n-Decane (C10)            | 4.594  | 331105     | 2.515 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.758  | 502160     | 3.767 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.585  | 392019     | 2.958 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.192 | 391850     | 2.849 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.633 | 442629     | 3.178 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.944 | 473529     | 3.517 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.555 | 432482     | 3.267 ug/ml  |
| 13) T n-Docosane (C22)         | 14.141 | 472119     | 3.563 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.242 | 558540     | 4.195 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.262 | 533847     | 4.001 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.210 | 589454     | 4.427 ug/mlm |
| 17) T n-Tricontane (C30)       | 18.097 | 675548     | 4.895 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.928 | 733428     | 5.310 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.713 | 645129     | 4.736 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.450 | 567022     | 4.188 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.189 | 585356     | 4.240 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.108 | 627045     | 4.501 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : P2403-09  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

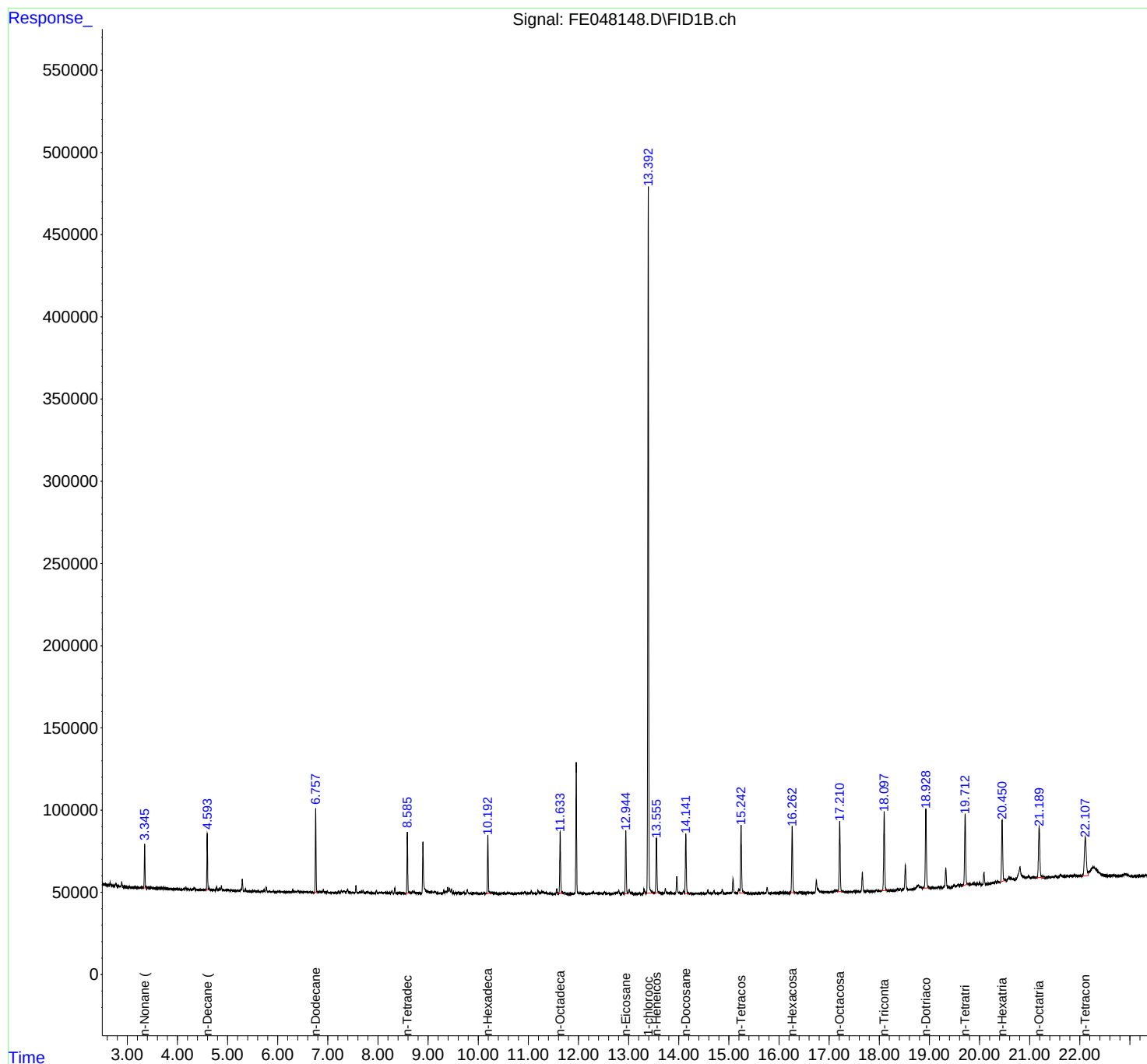
Instrument :  
FID\_E  
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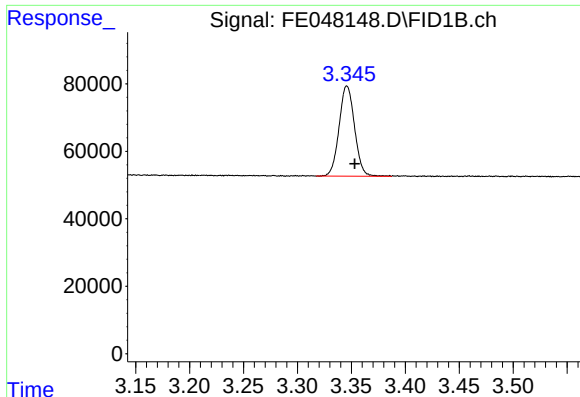
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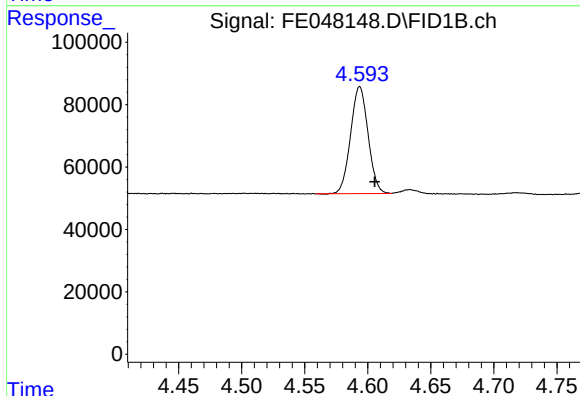
#1 n-Nonane (C9)

R.T.: 3.346 min  
Delta R.T.: -0.007 min  
Response: 267044  
Conc: 2.07 ug/ml

Instrument : FID\_E  
ClientSampleId : MDL-WATER-03-QT2-2024

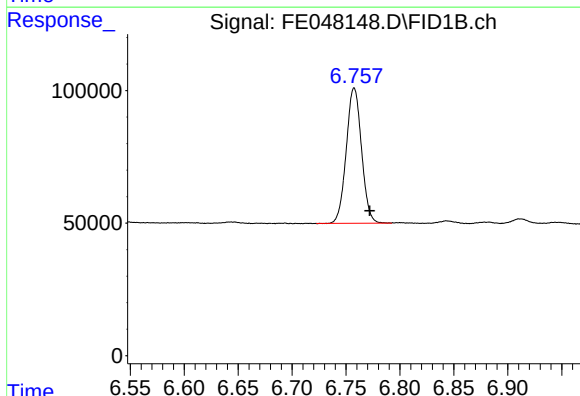
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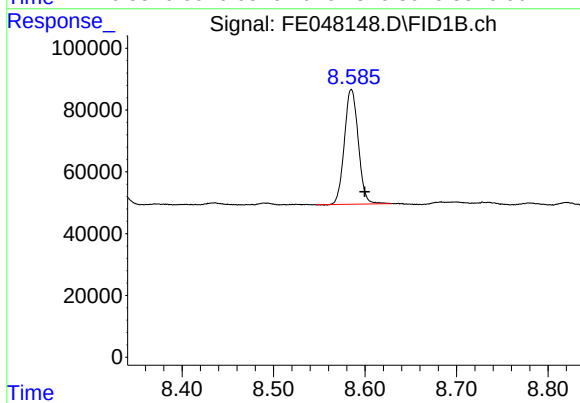
#2 n-Decane (C10)

R.T.: 4.594 min  
Delta R.T.: -0.012 min  
Response: 331105  
Conc: 2.51 ug/ml



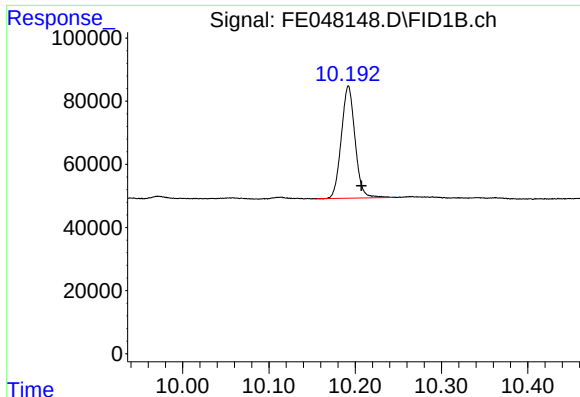
#4 n-Dodecane (C12)

R.T.: 6.758 min  
Delta R.T.: -0.014 min  
Response: 502160  
Conc: 3.77 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.585 min  
Delta R.T.: -0.014 min  
Response: 392019  
Conc: 2.96 ug/ml



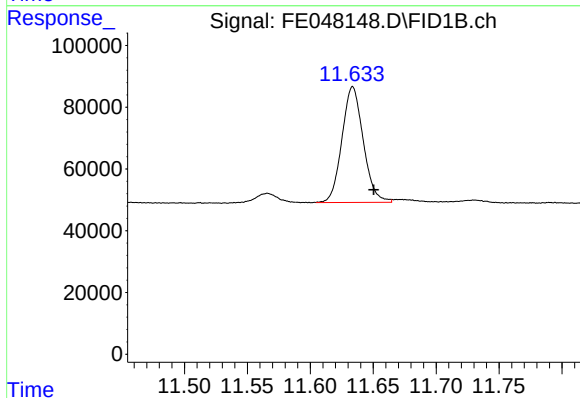
#7 n-Hexadecane (C16)

R.T.: 10.192 min  
Delta R.T.: -0.015 min  
Response: 391850  
Conc: 2.85 ug/ml

Instrument :  
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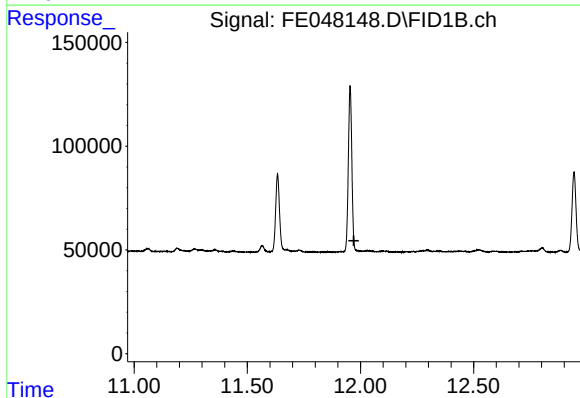
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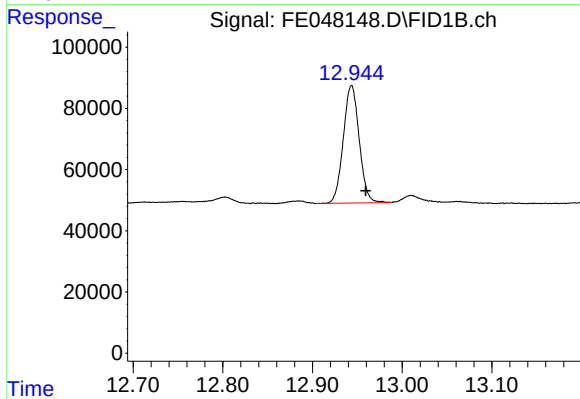
#8 n-Octadecane (C18)

R.T.: 11.633 min  
Delta R.T.: -0.017 min  
Response: 442629  
Conc: 3.18 ug/ml m



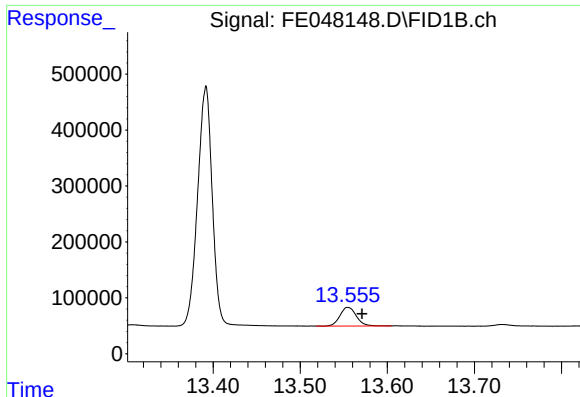
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.971 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.944 min  
Delta R.T.: -0.016 min  
Response: 473529  
Conc: 3.52 ug/ml



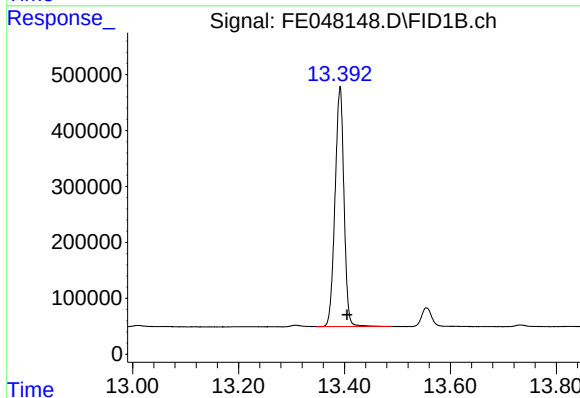
#11 n-Heneicosane (C21)

R.T.: 13.555 min  
Delta R.T.: -0.016 min  
Response: 432482  
Conc: 3.27 ug/ml

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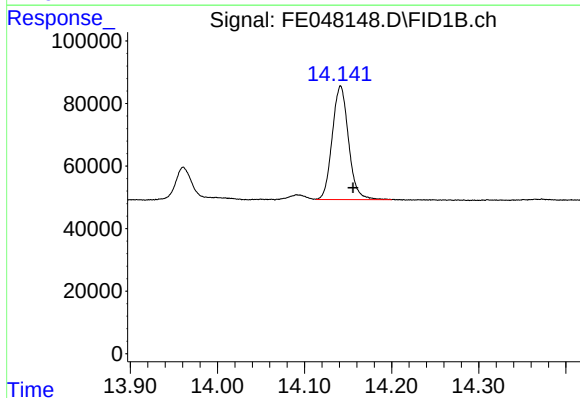
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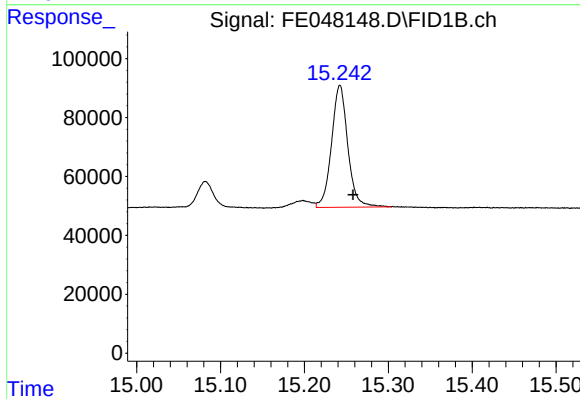
#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min  
Delta R.T.: -0.013 min  
Response: 5021322  
Conc: 44.94 ug/ml



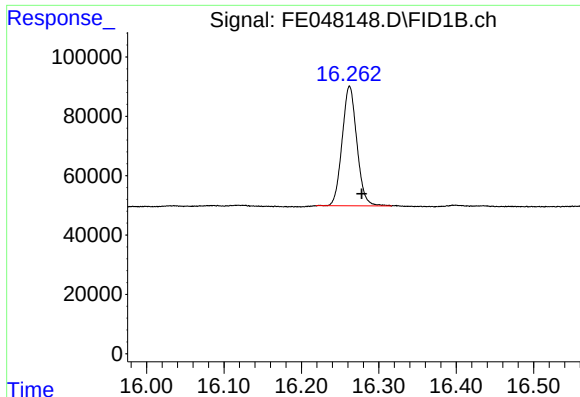
#13 n-Docosane (C22)

R.T.: 14.141 min  
Delta R.T.: -0.014 min  
Response: 472119  
Conc: 3.56 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.242 min  
Delta R.T.: -0.016 min  
Response: 558540  
Conc: 4.19 ug/ml



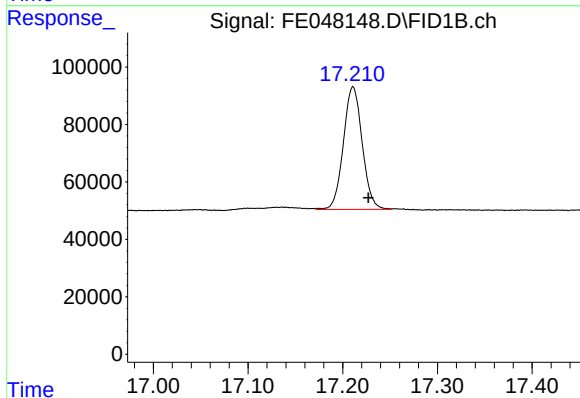
#15 n-Hexacosane (C26)

R.T.: 16.262 min  
Delta R.T.: -0.016 min  
Response: 533847  
Conc: 4.00 ug/ml

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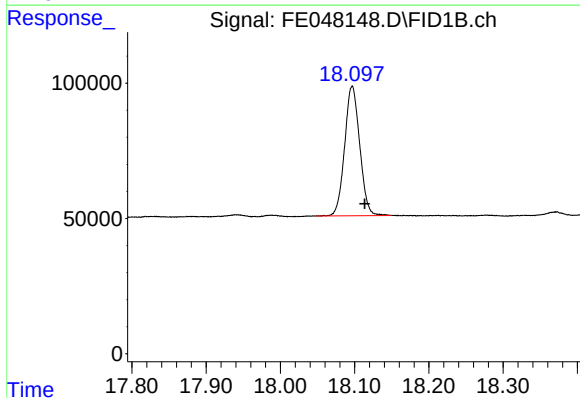
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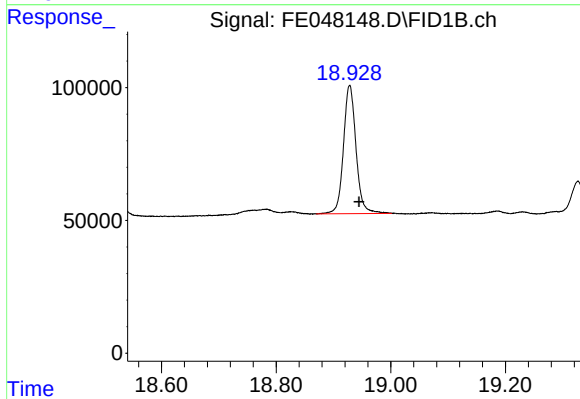
#16 n-Octacosane (C28)

R.T.: 17.210 min  
Delta R.T.: -0.017 min  
Response: 589454  
Conc: 4.43 ug/ml m



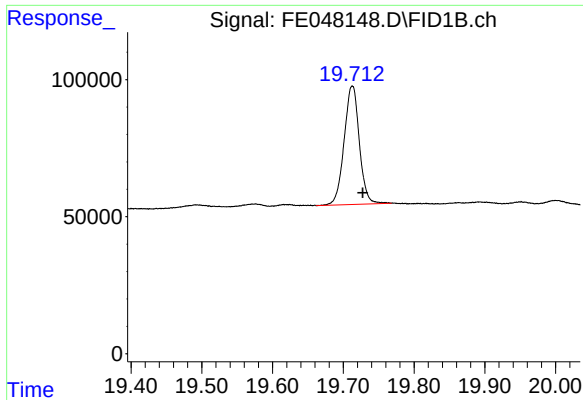
#17 n-Tricontane (C30)

R.T.: 18.097 min  
Delta R.T.: -0.017 min  
Response: 675548  
Conc: 4.89 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.928 min  
Delta R.T.: -0.017 min  
Response: 733428  
Conc: 5.31 ug/ml



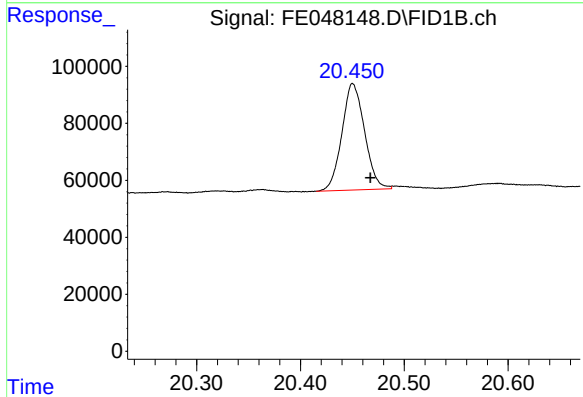
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min  
Delta R.T.: -0.015 min  
Response: 645129  
Conc: 4.74 ug/ml

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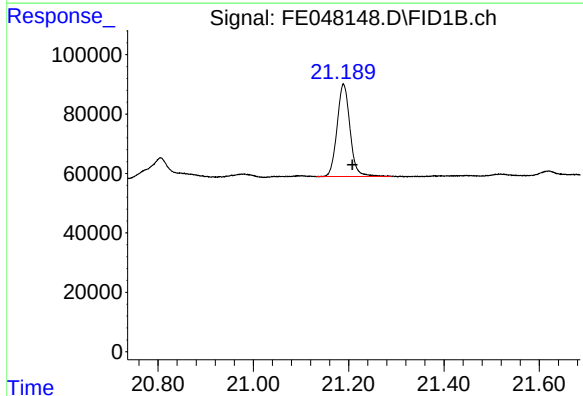
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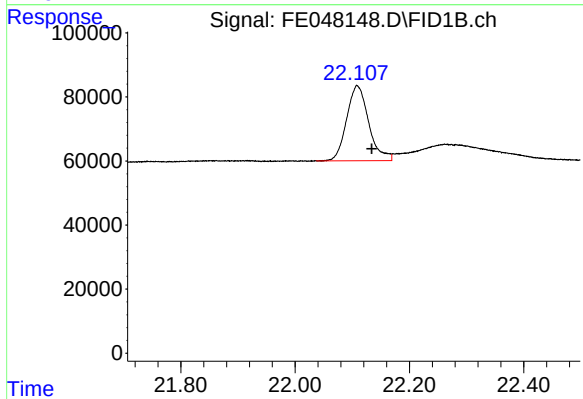
#20 n-Hexatriacontane (C36)

R.T.: 20.450 min  
Delta R.T.: -0.018 min  
Response: 567022  
Conc: 4.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.189 min  
Delta R.T.: -0.018 min  
Response: 585356  
Conc: 4.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.108 min  
Delta R.T.: -0.026 min  
Response: 627045  
Conc: 4.50 ug/ml