

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062722AL\  
 Data File : FC060465.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Jun 2022 20:26  
 Operator : YP/AJ  
 Sample : PB145869BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB145869BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022  
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: sample.E  
 Quant Time: Jun 28 03:50:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062422.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 25 04:15:44 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... | 12.007 | 5548450    | 37.643 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 75.29%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.634  | 3403792    | 22.189 ug/ml  |
| 2) T n-Decane (C10)            | 3.627  | 4429443    | 29.004 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.574  | 5463008    | 33.803 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.326  | 5824431    | 35.257 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.887  | 6528397    | 38.629 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.295 | 7387139    | 42.938 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.573 | 7392912    | 43.317 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.171 | 7430926    | 43.583 ug/ml  |
| 13) T n-Docosane (C22)         | 12.743 | 7400160    | 43.413 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.820 | 7299942    | 43.478 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.816 | 7160579    | 43.575 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.743 | 6800480    | 42.857 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.608 | 6500930    | 42.707 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.420 | 6281182    | 43.210 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.182 | 5566981    | 43.831 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 18.902 | 5027800    | 44.800 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.584 | 4603589    | 42.055 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.233 | 4338627    | 38.415 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : PB145869BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

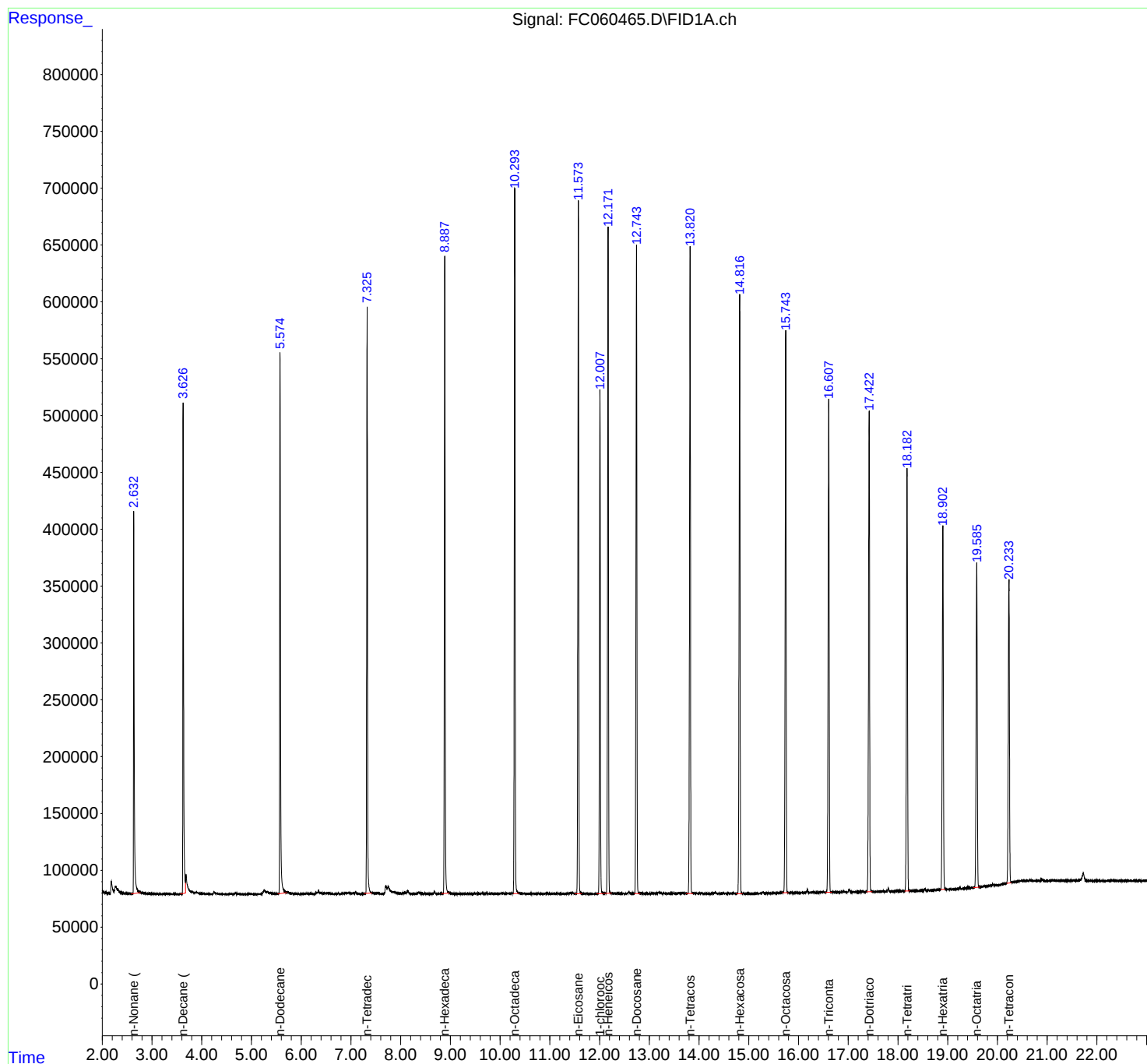
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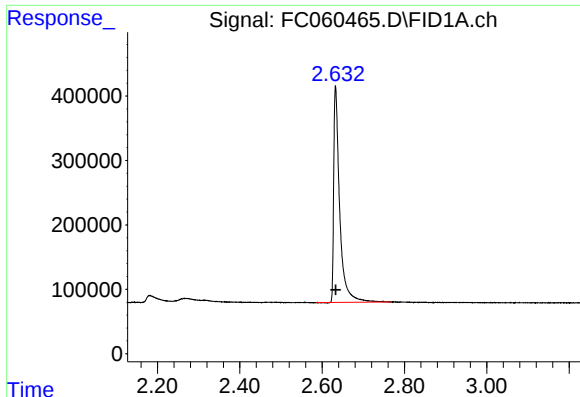
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.634 min  
Delta R.T.: 0.000 min  
Response: 3403792  
Conc: 22.19 ug/ml

Instrument :

FID\_C

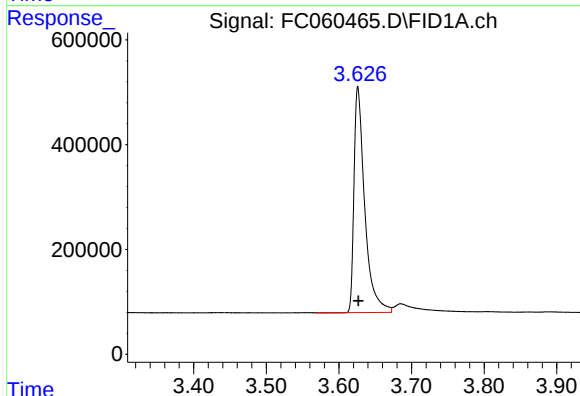
ClientSampleId :

PB145869BS

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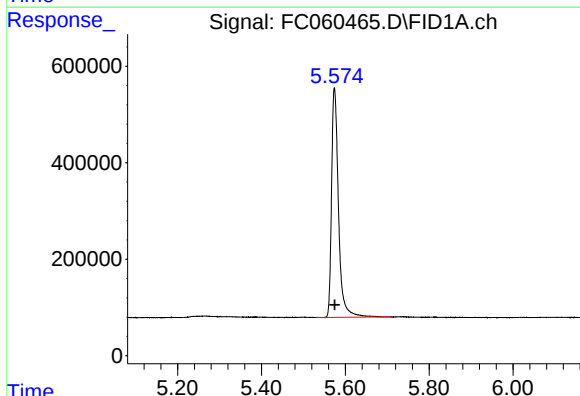
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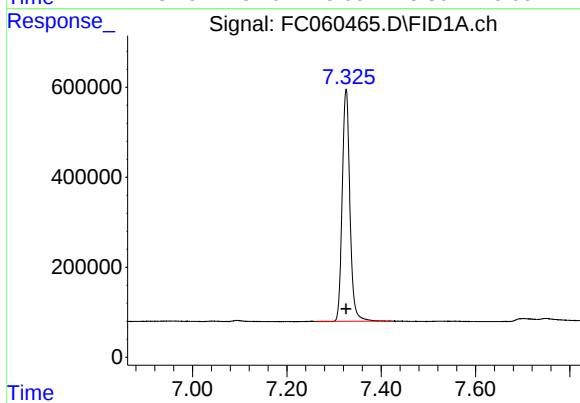
#2 n-Decane (C10)

R.T.: 3.627 min  
Delta R.T.: 0.000 min  
Response: 4429443  
Conc: 29.00 ug/ml



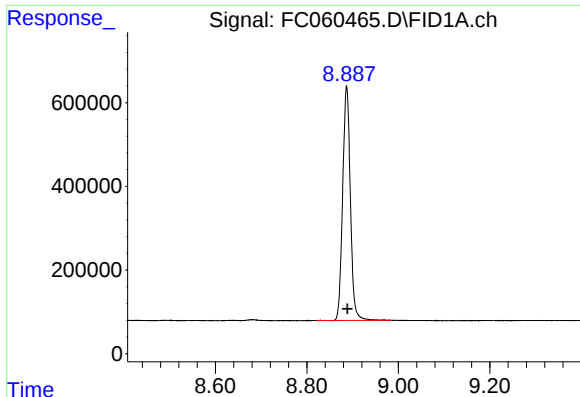
#4 n-Dodecane (C12)

R.T.: 5.574 min  
Delta R.T.: 0.000 min  
Response: 5463008  
Conc: 33.80 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.326 min  
Delta R.T.: 0.000 min  
Response: 5824431  
Conc: 35.26 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.887 min  
Delta R.T.: -0.002 min  
Response: 6528397  
Conc: 38.63 ug/ml

Instrument :

FID\_C

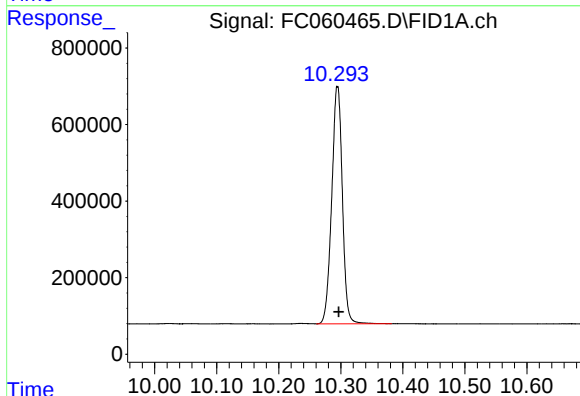
ClientSampleId :

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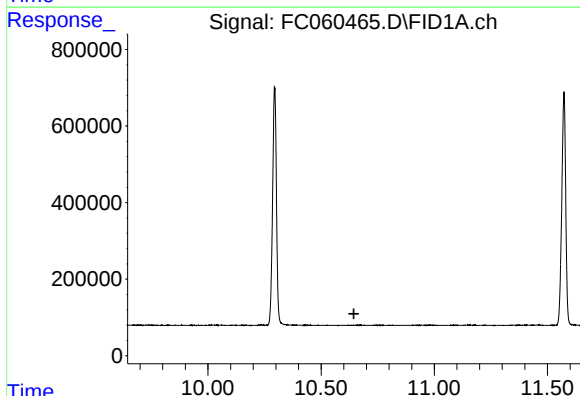
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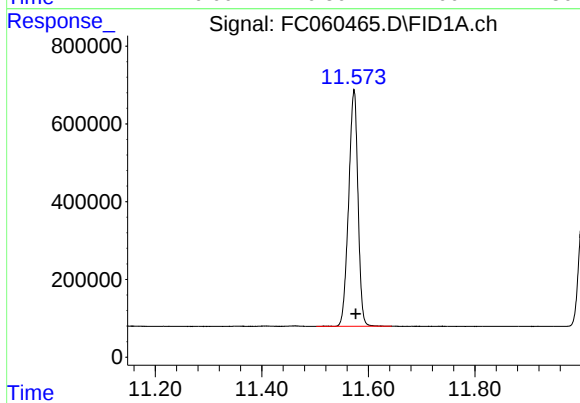
#8 n-Octadecane (C18)

R.T.: 10.295 min  
Delta R.T.: -0.002 min  
Response: 7387139  
Conc: 42.94 ug/ml



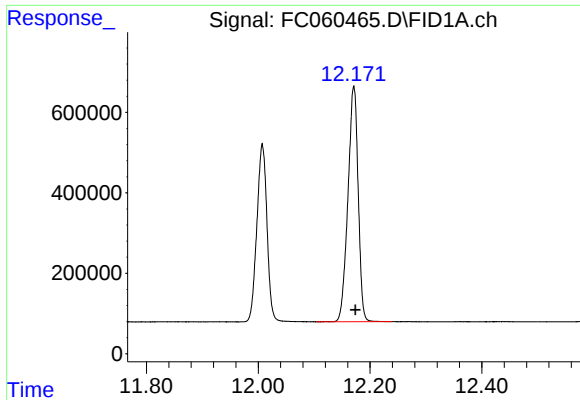
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 10.645 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.573 min  
Delta R.T.: -0.003 min  
Response: 7392912  
Conc: 43.32 ug/ml



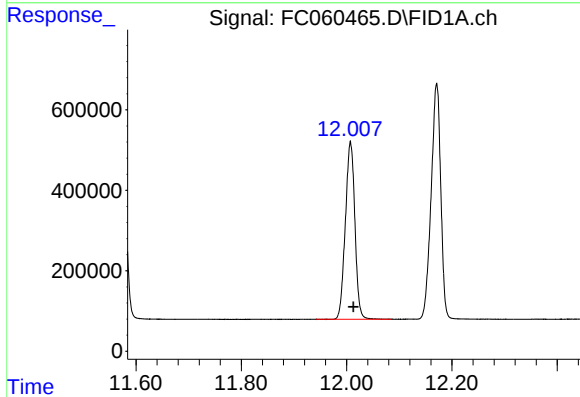
#11 n-Heneicosane (C21)

R.T.: 12.171 min  
Delta R.T.: -0.003 min  
Response: 7430926  
Conc: 43.58 ug/ml

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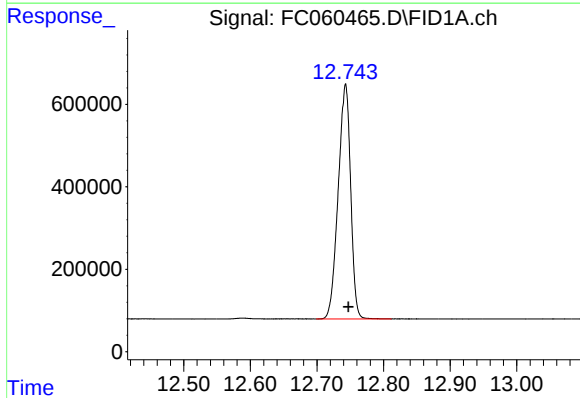
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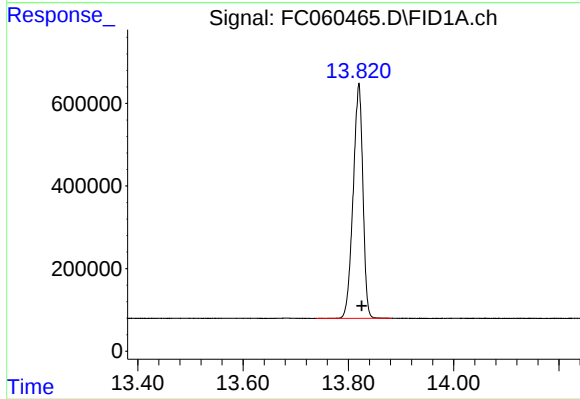
#12 1-chlorooctadecane (SURR)

R.T.: 12.007 min  
Delta R.T.: -0.005 min  
Response: 5548450  
Conc: 37.64 ug/ml



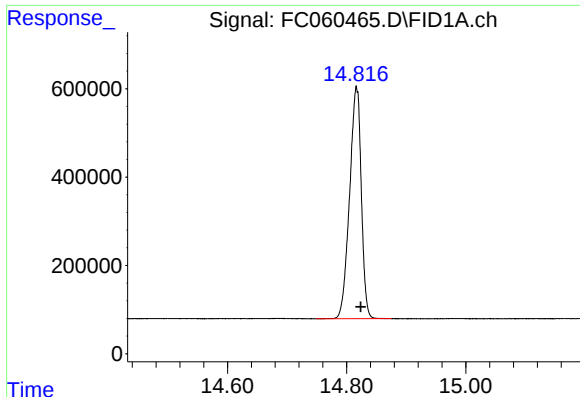
#13 n-Docosane (C22)

R.T.: 12.743 min  
Delta R.T.: -0.004 min  
Response: 7400160  
Conc: 43.41 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.820 min  
Delta R.T.: -0.006 min  
Response: 7299942  
Conc: 43.48 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.816 min  
Delta R.T.: -0.007 min  
Response: 7160579  
Conc: 43.57 ug/ml

Instrument :

FID\_C

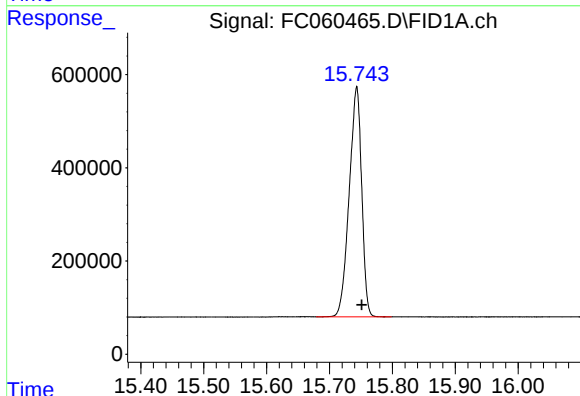
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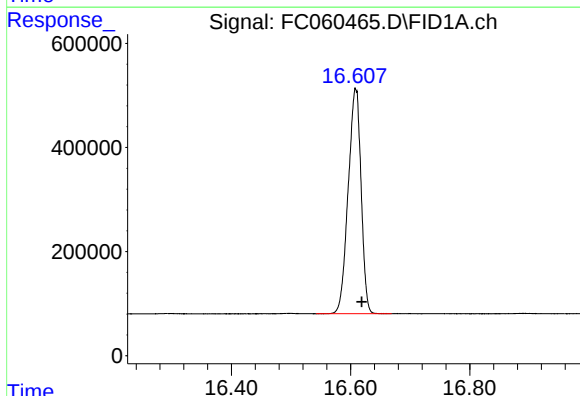
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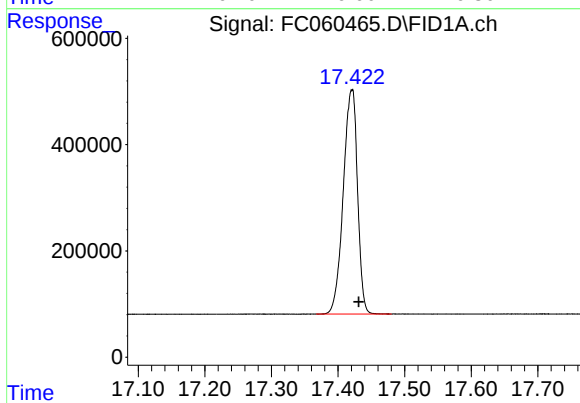
#16 n-Octacosane (C28)

R.T.: 15.743 min  
Delta R.T.: -0.008 min  
Response: 6800480  
Conc: 42.86 ug/ml



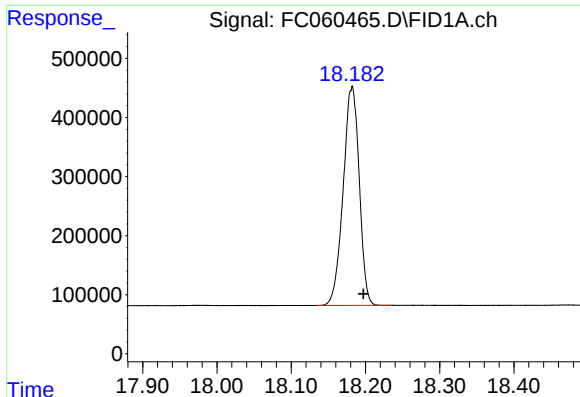
#17 n-Tricontane (C30)

R.T.: 16.608 min  
Delta R.T.: -0.010 min  
Response: 6500930  
Conc: 42.71 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.420 min  
Delta R.T.: -0.011 min  
Response: 6281182  
Conc: 43.21 ug/ml



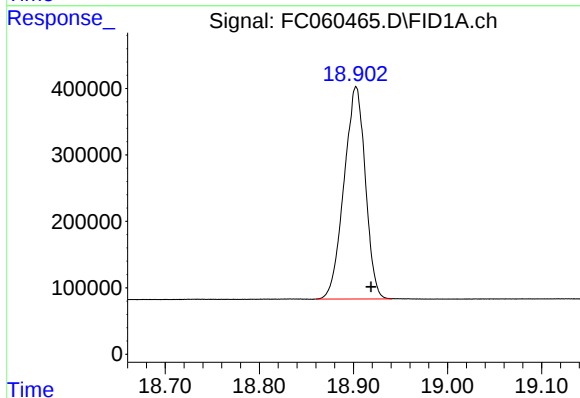
#19 n-Tetratriacontane (C34)

R.T.: 18.182 min  
Delta R.T.: -0.015 min  
Response: 5566981  
Conc: 43.83 ug/ml

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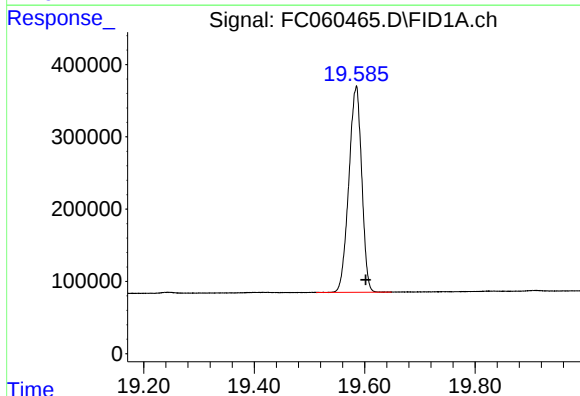
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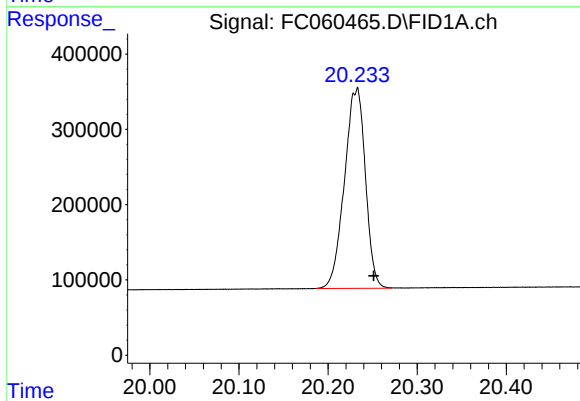
#20 n-Hexatriacontane (C36)

R.T.: 18.902 min  
Delta R.T.: -0.016 min  
Response: 5027800  
Conc: 44.80 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.584 min  
Delta R.T.: -0.018 min  
Response: 4603589  
Conc: 42.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.233 min  
Delta R.T.: -0.018 min  
Response: 4338627  
Conc: 38.42 ug/ml m