

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032124AL\  
 Data File : FC066077.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Mar 2024 16:41  
 Operator : YP/AJ  
 Sample : PB159705BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB159705BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/22/2024  
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e  
 Quant Time: Mar 22 01:10:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 030424.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 04 13:09:51 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... | 12.902 | 6085390    | 41.741 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 83.48%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.280  | 4335123    | 25.948 ug/ml  |
| 2) T n-Decane (C10)            | 4.339  | 5388165    | 31.068 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.347  | 6203814    | 35.205 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.134  | 6579071    | 37.834 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.726  | 7093700    | 39.707 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.159 | 7711668    | 42.427 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.460 | 8028418    | 45.978 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.068 | 7926925    | 45.720 ug/ml  |
| 13) T n-Docosane (C22)         | 13.650 | 7884597    | 45.845 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.745 | 7894569    | 46.222 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.758 | 7954137    | 47.237 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.701 | 8009072    | 48.172 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.582 | 8143853    | 47.697 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.407 | 8104419    | 48.076 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.186 | 8149086    | 49.721 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.921 | 7951275    | 50.009 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.633 | 7935351    | 50.660 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.488 | 7779980    | 49.198 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : PB159705BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

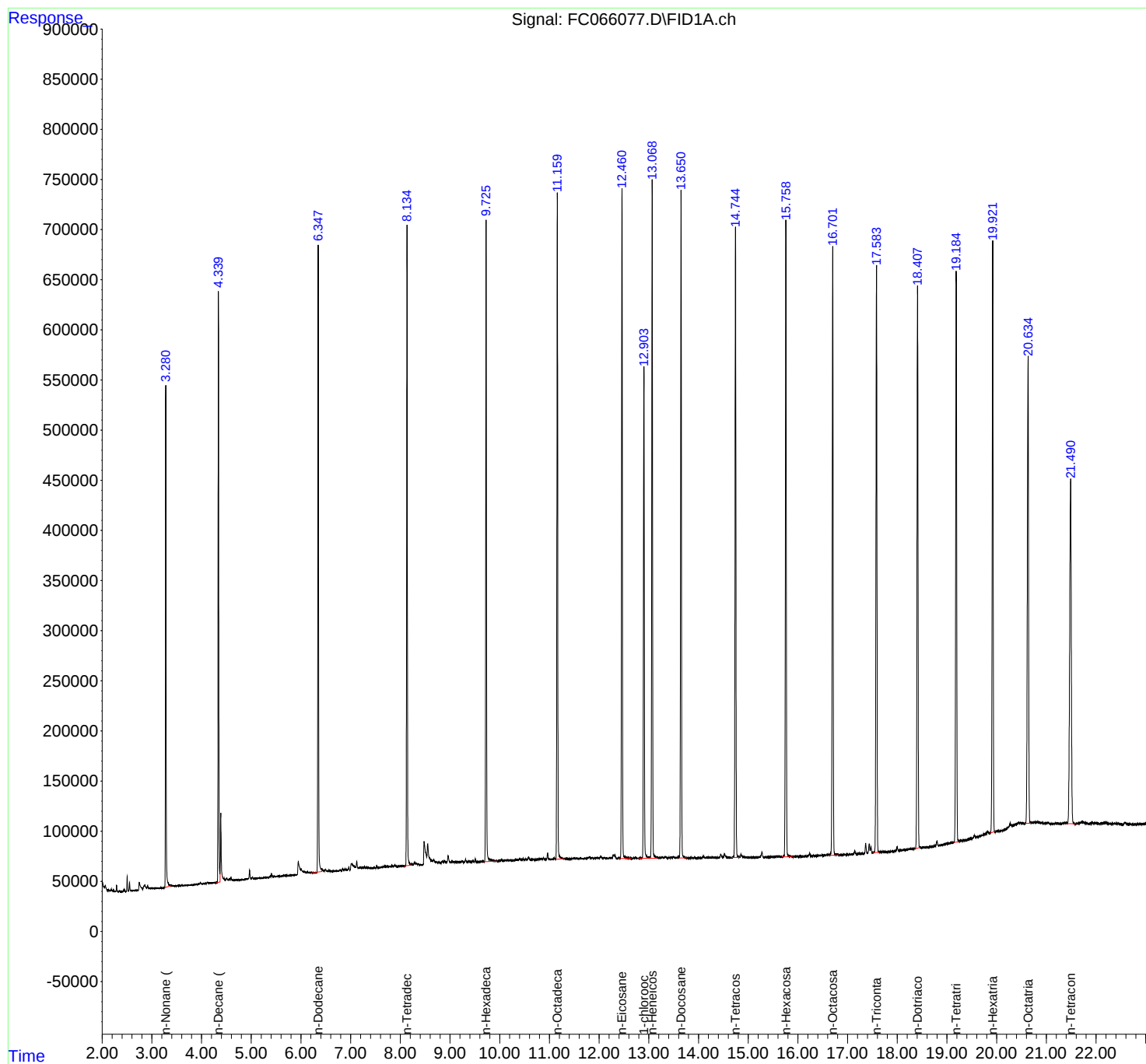
Instrument :  
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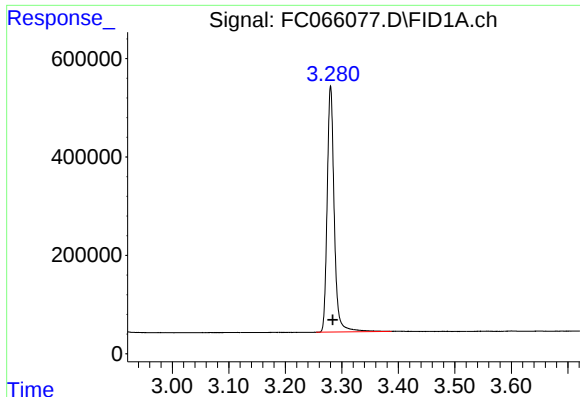
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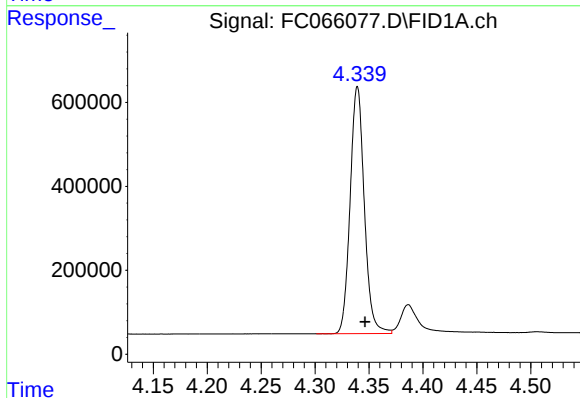
#1 n-Nonane (C9)

R.T.: 3.280 min  
Delta R.T.: -0.004 min  
Response: 4335123  
Conc: 25.95 ug/ml

Instrument :  
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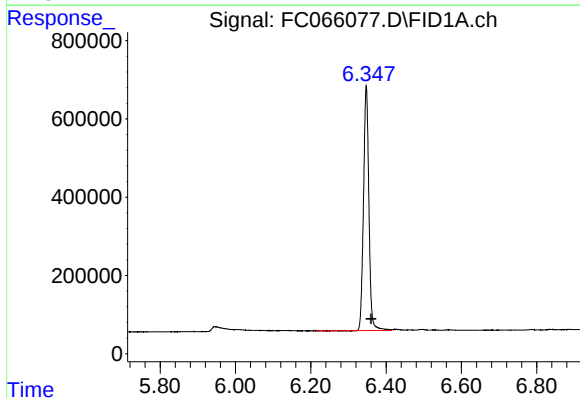
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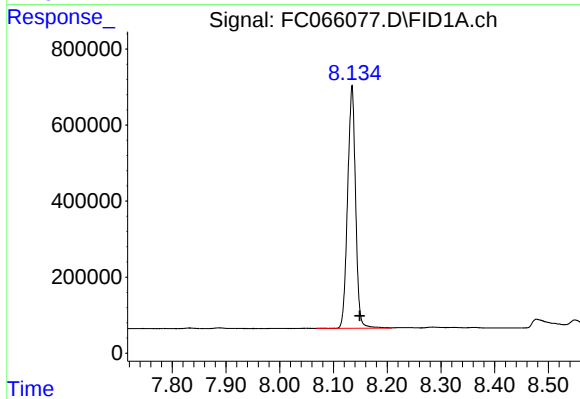
#2 n-Decane (C10)

R.T.: 4.339 min  
Delta R.T.: -0.007 min  
Response: 5388165  
Conc: 31.07 ug/ml



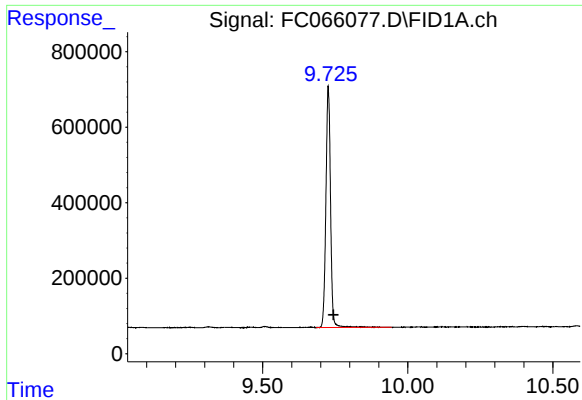
#4 n-Dodecane (C12)

R.T.: 6.347 min  
Delta R.T.: -0.012 min  
Response: 6203814  
Conc: 35.20 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.134 min  
Delta R.T.: -0.015 min  
Response: 6579071  
Conc: 37.83 ug/ml



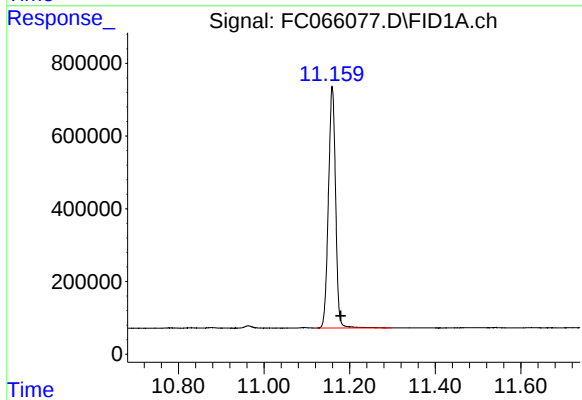
#7 n-Hexadecane (C16)

R.T.: 9.726 min  
Delta R.T.: -0.018 min  
Response: 7093700  
Conc: 39.71 ug/ml

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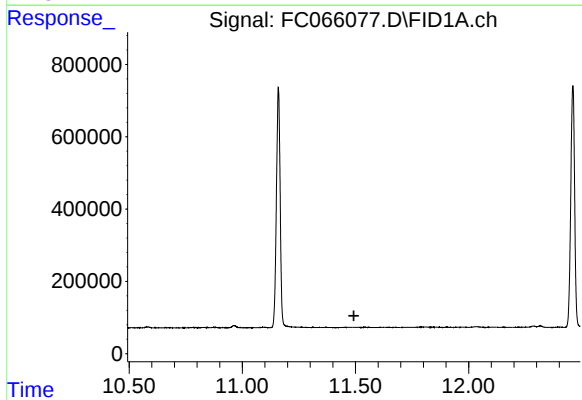
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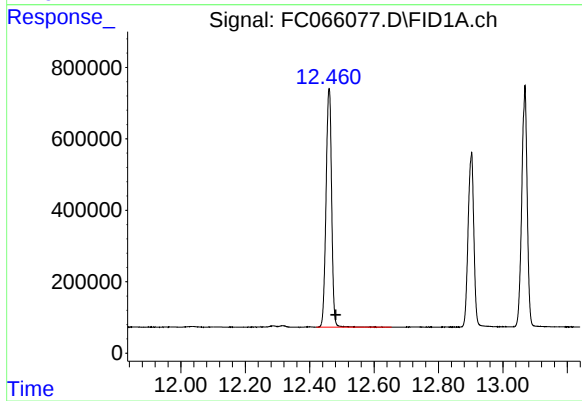
#8 n-Octadecane (C18)

R.T.: 11.159 min  
Delta R.T.: -0.019 min  
Response: 7711668  
Conc: 42.43 ug/ml



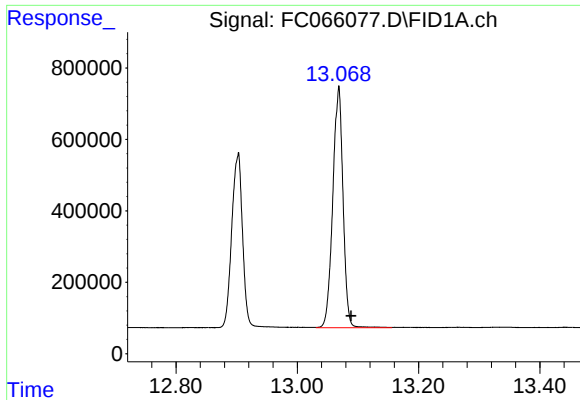
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.493 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.460 min  
Delta R.T.: -0.020 min  
Response: 8028418  
Conc: 45.98 ug/ml



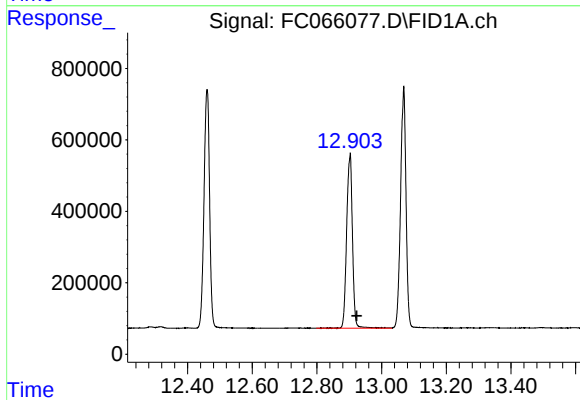
#11 n-Heneicosane (C21)

R.T.: 13.068 min  
Delta R.T.: -0.021 min  
Response: 7926925  
Conc: 45.72 ug/ml

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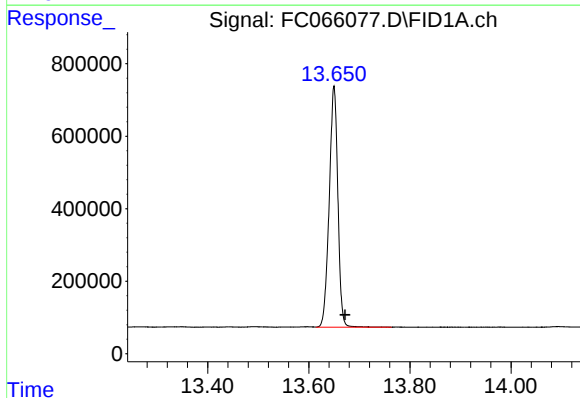
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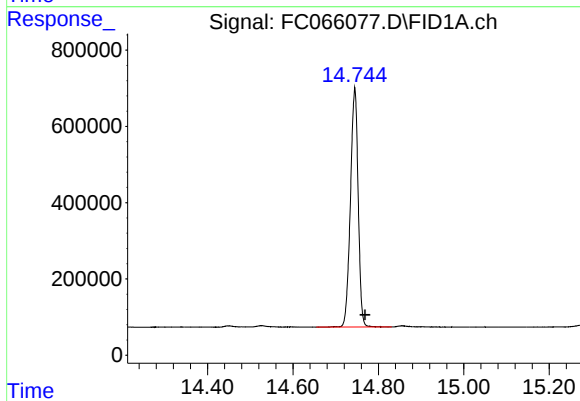
#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min  
Delta R.T.: -0.022 min  
Response: 6085390  
Conc: 41.74 ug/ml



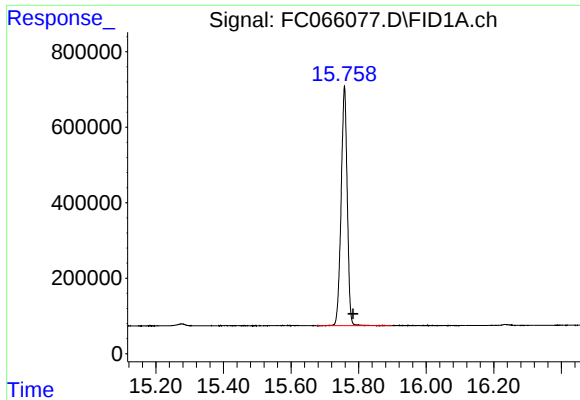
#13 n-Docosane (C22)

R.T.: 13.650 min  
Delta R.T.: -0.022 min  
Response: 7884597  
Conc: 45.85 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.745 min  
Delta R.T.: -0.025 min  
Response: 7894569  
Conc: 46.22 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.758 min  
Delta R.T.: -0.026 min  
Response: 7954137  
Conc: 47.24 ug/ml

Instrument :

FID\_C

ClientSampleId :

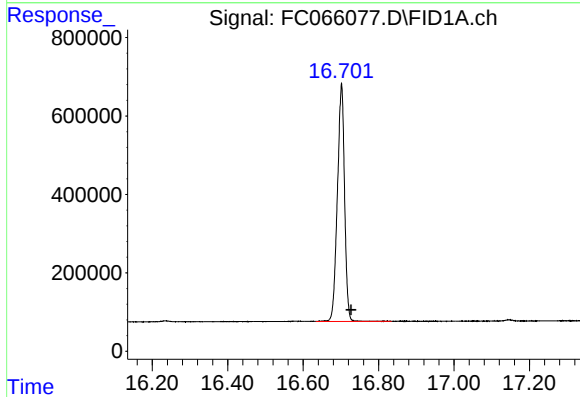
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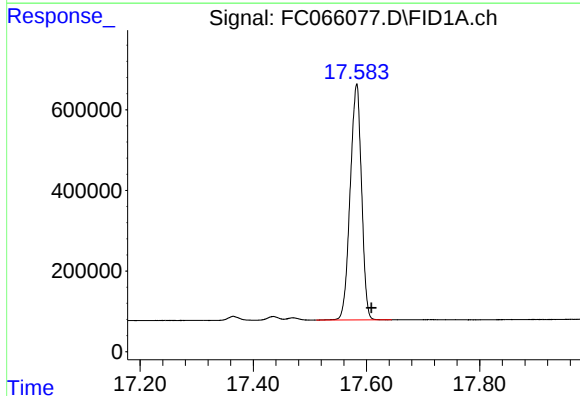
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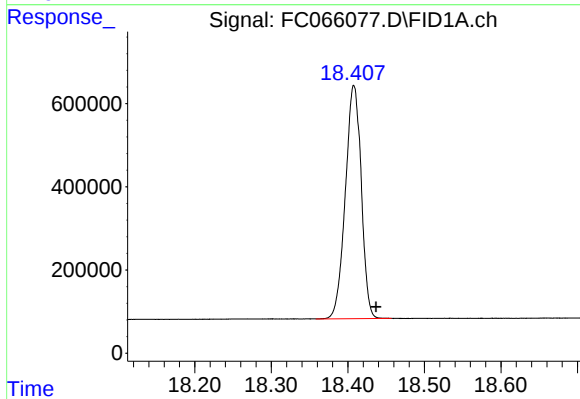
#16 n-Octacosane (C28)

R.T.: 16.701 min  
Delta R.T.: -0.026 min  
Response: 8009072  
Conc: 48.17 ug/ml



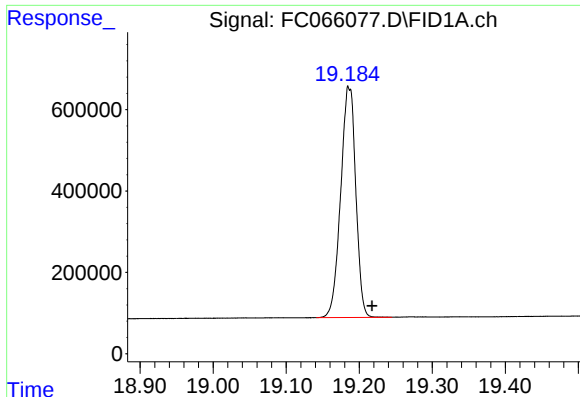
#17 n-Tricontane (C30)

R.T.: 17.582 min  
Delta R.T.: -0.026 min  
Response: 8143853  
Conc: 47.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.407 min  
Delta R.T.: -0.030 min  
Response: 8104419  
Conc: 48.08 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 19.186 min  
Delta R.T.: -0.032 min  
Response: 8149086  
Conc: 49.72 ug/ml

Instrument :

FID\_C

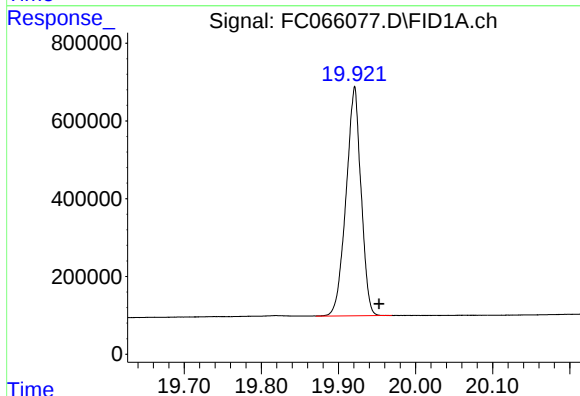
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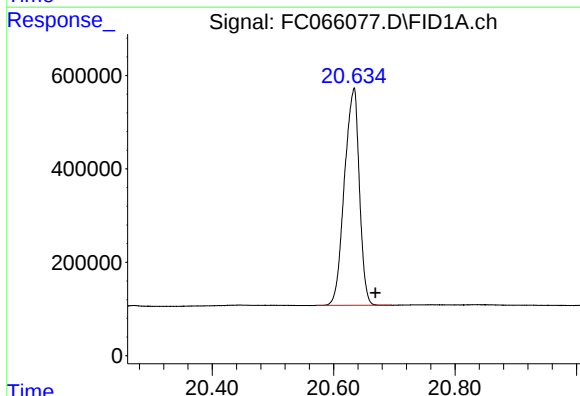
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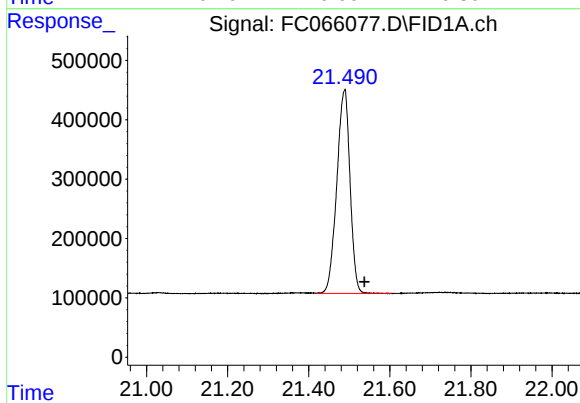
#20 n-Hexatriacontane (C36)

R.T.: 19.921 min  
Delta R.T.: -0.032 min  
Response: 7951275  
Conc: 50.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.633 min  
Delta R.T.: -0.036 min  
Response: 7935351  
Conc: 50.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.488 min  
Delta R.T.: -0.049 min  
Response: 7779980  
Conc: 49.20 ug/ml