

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC070324AL\  
 Data File : FC066733.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 Jul 2024 08:31  
 Operator : YP/AJ  
 Sample : PB161882BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB161882BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024  
 Supervised By :Ankita Jodhani 07/08/2024

Integration File: autoint1.e  
 Quant Time: Jul 04 04:03:52 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 17 13:44:39 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... | 12.963 | 4487581    | 32.523 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 65.05%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.288  | 4025396    | 27.705 ug/ml  |
| 2) T n-Decane (C10)            | 4.355  | 5124193    | 34.353 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.374  | 5731274    | 37.816 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.170  | 6342100    | 41.811 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.771  | 6977023    | 43.556 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.212 | 7515569    | 45.295 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.522 | 7837263    | 48.210 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.133 | 7594117    | 47.132 ug/ml  |
| 13) T n-Docosane (C22)         | 13.719 | 7502581    | 46.797 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.821 | 7296375    | 45.973 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.842 | 7047172    | 46.152 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.791 | 6836291    | 47.393 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.677 | 6779871    | 48.527 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.509 | 6728101    | 50.981 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.293 | 6629563    | 53.605 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.032 | 6411871    | 53.202 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.761 | 6377838    | 55.775 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.656 | 5955560    | 53.028 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : PB161882BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

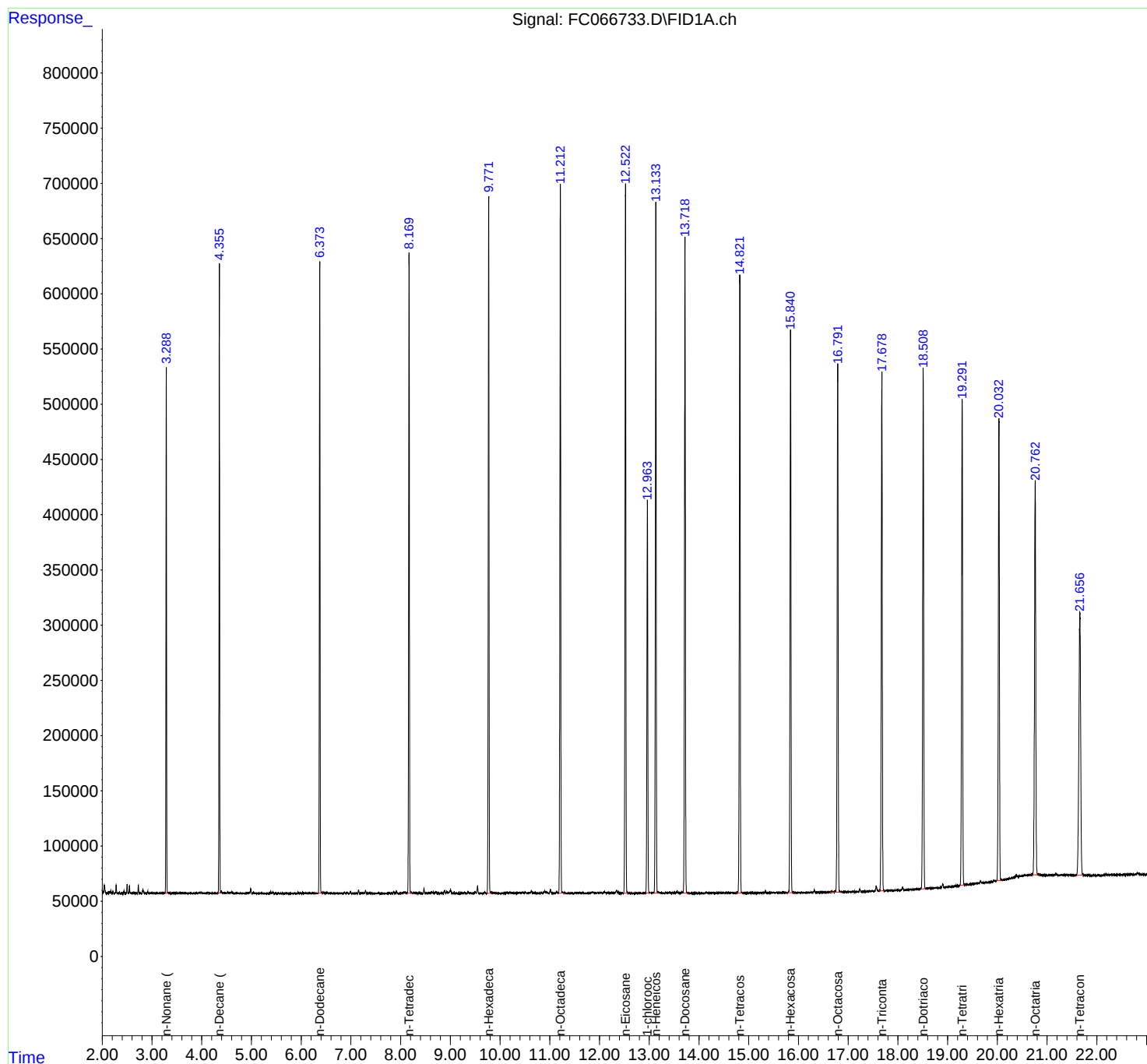
Instrument :  
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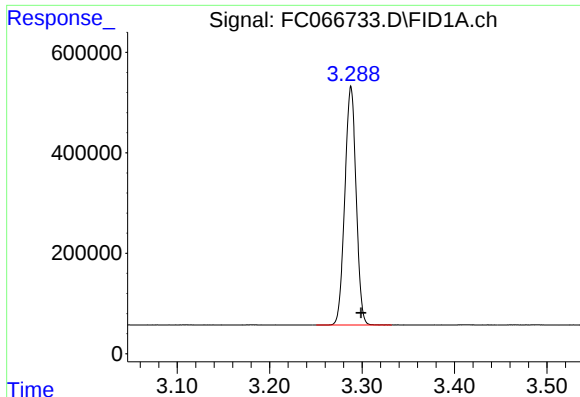
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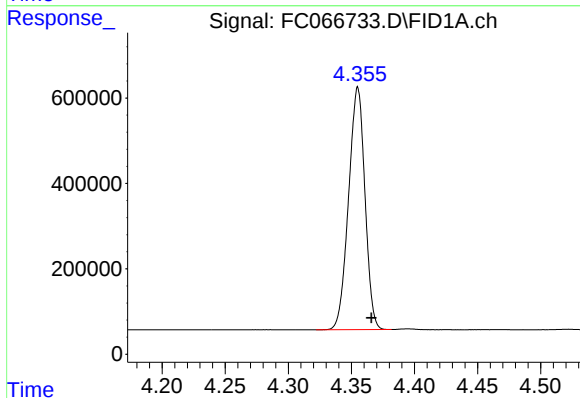
#1 n-Nonane (C9)

R.T.: 3.288 min  
Delta R.T.: -0.011 min  
Response: 4025396  
Conc: 27.71 ug/ml

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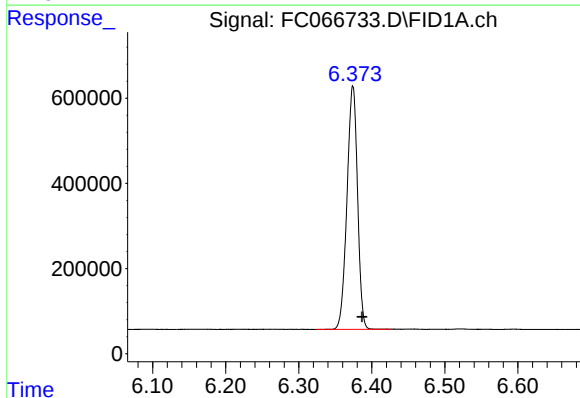
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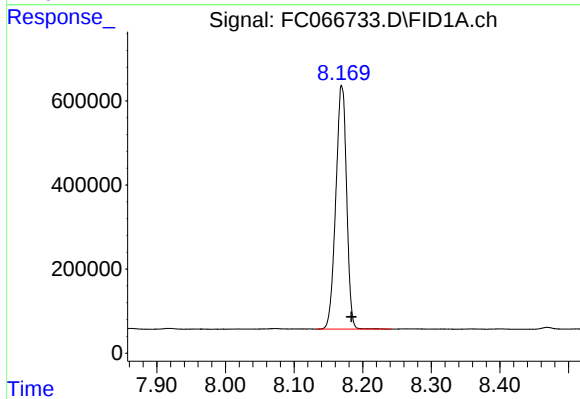
#2 n-Decane (C10)

R.T.: 4.355 min  
Delta R.T.: -0.011 min  
Response: 5124193  
Conc: 34.35 ug/ml



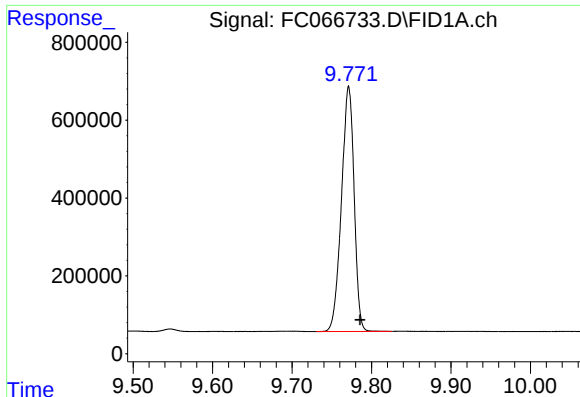
#4 n-Dodecane (C12)

R.T.: 6.374 min  
Delta R.T.: -0.013 min  
Response: 5731274  
Conc: 37.82 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.170 min  
Delta R.T.: -0.014 min  
Response: 6342100  
Conc: 41.81 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.771 min  
Delta R.T.: -0.014 min  
Response: 6977023  
Conc: 43.56 ug/ml

Instrument :

FID\_C

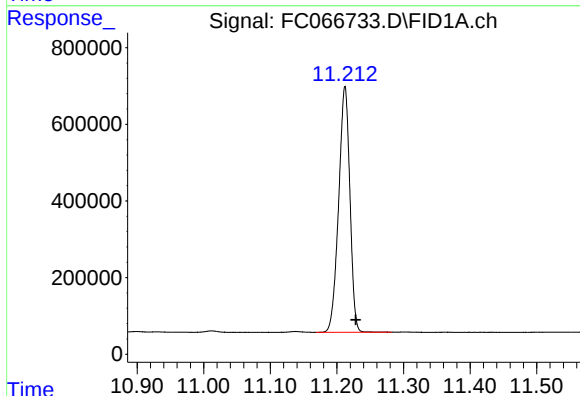
ClientSampleId :

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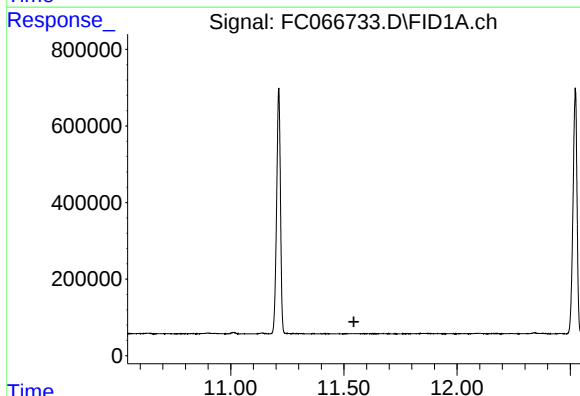
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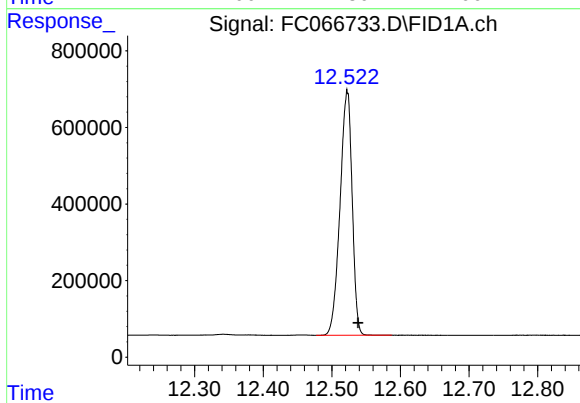
#8 n-Octadecane (C18)

R.T.: 11.212 min  
Delta R.T.: -0.016 min  
Response: 7515569  
Conc: 45.29 ug/ml



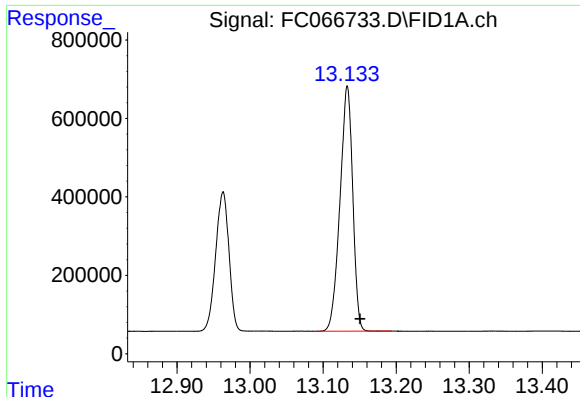
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.544 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.522 min  
Delta R.T.: -0.016 min  
Response: 7837263  
Conc: 48.21 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.133 min  
Delta R.T.: -0.018 min  
Response: 7594117  
Conc: 47.13 ug/ml

Instrument :

FID\_C

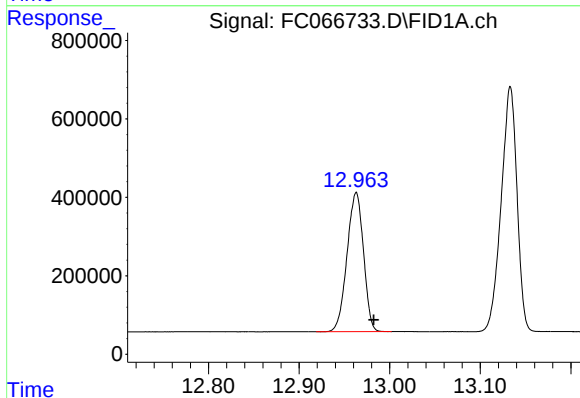
ClientSampleId :

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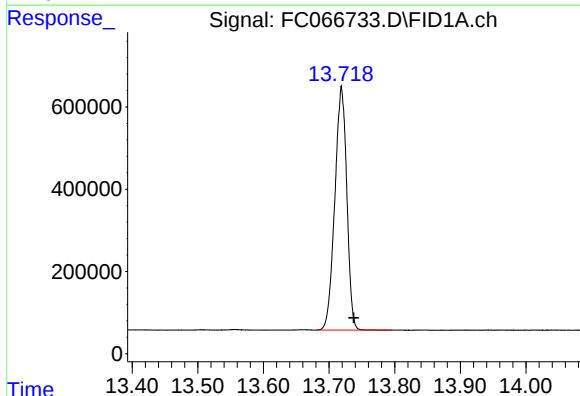
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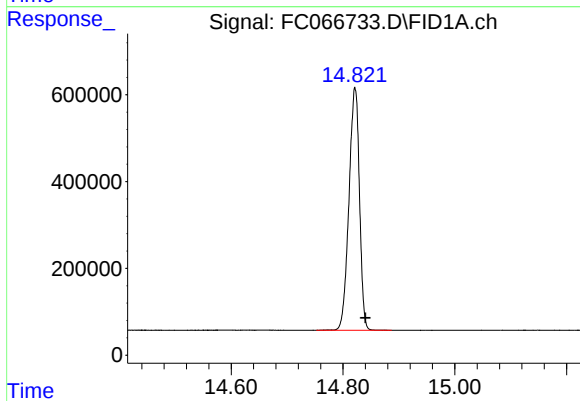
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min  
Delta R.T.: -0.020 min  
Response: 4487581  
Conc: 32.52 ug/ml



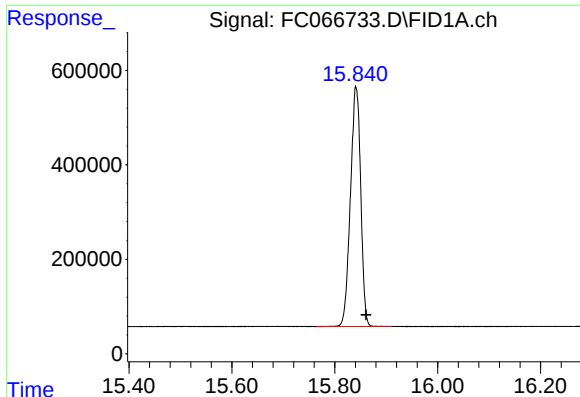
#13 n-Docosane (C22)

R.T.: 13.719 min  
Delta R.T.: -0.019 min  
Response: 7502581  
Conc: 46.80 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.821 min  
Delta R.T.: -0.019 min  
Response: 7296375  
Conc: 45.97 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.842 min  
Delta R.T.: -0.019 min  
Response: 7047172  
Conc: 46.15 ug/ml

Instrument :

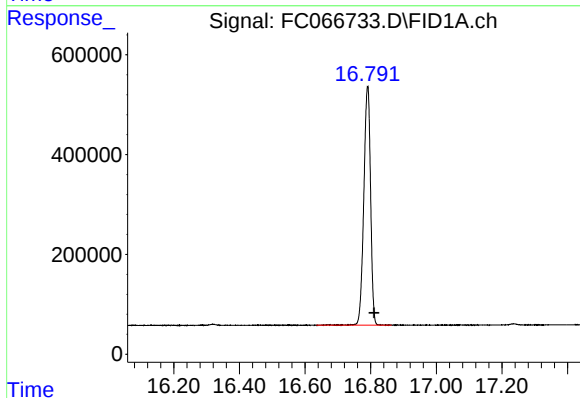
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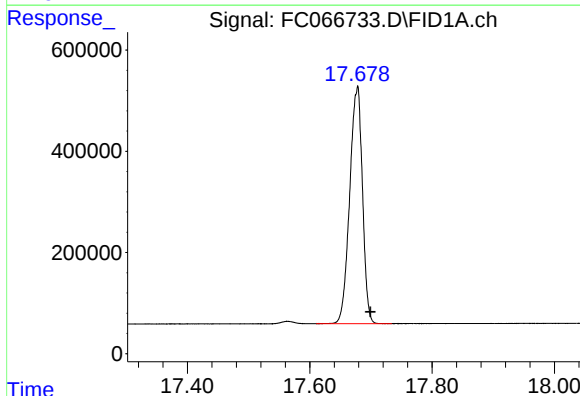
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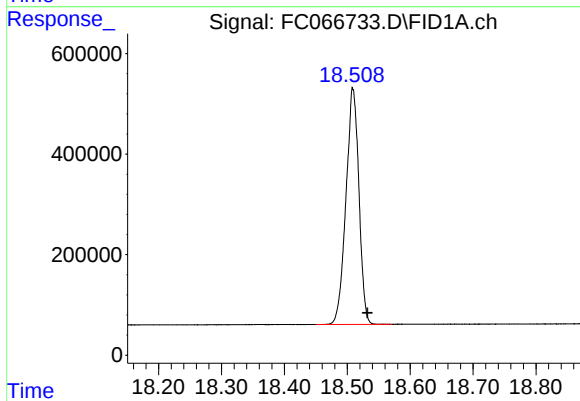
#16 n-Octacosane (C28)

R.T.: 16.791 min  
Delta R.T.: -0.020 min  
Response: 6836291  
Conc: 47.39 ug/ml



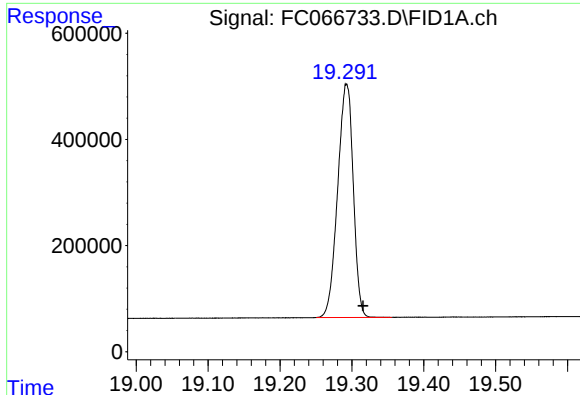
#17 n-Tricontane (C30)

R.T.: 17.677 min  
Delta R.T.: -0.022 min  
Response: 6779871  
Conc: 48.53 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.509 min  
Delta R.T.: -0.023 min  
Response: 6728101  
Conc: 50.98 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.293 min  
Delta R.T.: -0.023 min  
Response: 6629563  
Conc: 53.61 ug/ml

Instrument :

FID\_C

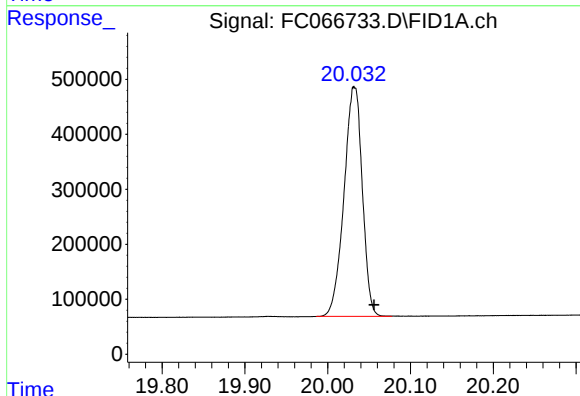
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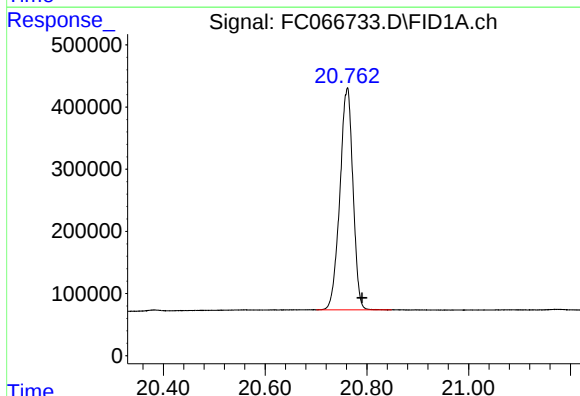
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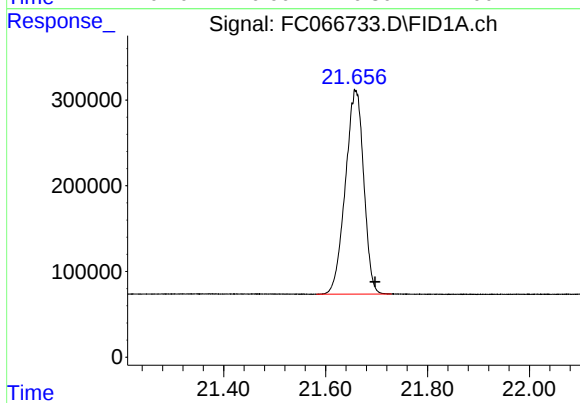
#20 n-Hexatriacontane (C36)

R.T.: 20.032 min  
Delta R.T.: -0.025 min  
Response: 6411871  
Conc: 53.20 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.761 min  
Delta R.T.: -0.030 min  
Response: 6377838  
Conc: 55.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.656 min  
Delta R.T.: -0.041 min  
Response: 5955560  
Conc: 53.03 ug/ml m