

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122022AL\  
 Data File : FE039422.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Dec 2022 23:57  
 Operator : YP\AJ  
 Sample : PB149778BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB149778BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/21/2022  
 Supervised By :Ankita Jodhani 12/21/2022

Integration File: autoint1.e  
 Quant Time: Dec 21 03:11:33 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 17 15:09:52 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    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.935 | 7421949    | 49.734 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 99.47%        |
| 12) S 1-chlorooctadecane (S... | 13.369 | 5996602    | 52.100 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 104.20%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.335  | 4927807    | 38.124 ug/ml  |
| 2) T n-Decane (C10)            | 4.581  | 5225496    | 41.010 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.281  | 5992675    | 41.455 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.741  | 5767099    | 44.422 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.375  | 6166338    | 45.531 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.569  | 6514495    | 49.162 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.175 | 7249593    | 52.696 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.618 | 7719146    | 55.113 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.926 | 7609156    | 55.742 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.537 | 7533290    | 55.233 ug/ml  |
| 13) T n-Docosane (C22)         | 14.123 | 7483160    | 55.318 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.222 | 4739446    | 35.306 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.248 | 7127201    | 54.736 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.195 | 7032391    | 54.641 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.084 | 6708726    | 52.107 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.915 | 6648368    | 51.338 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.699 | 6350916    | 50.339 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.437 | 5252481    | 43.439 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.174 | 4381639    | 35.480 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.085 | 3987245    | 31.750 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : PB149778BS  
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ALS Vial : 21 Sample Multiplier: 1

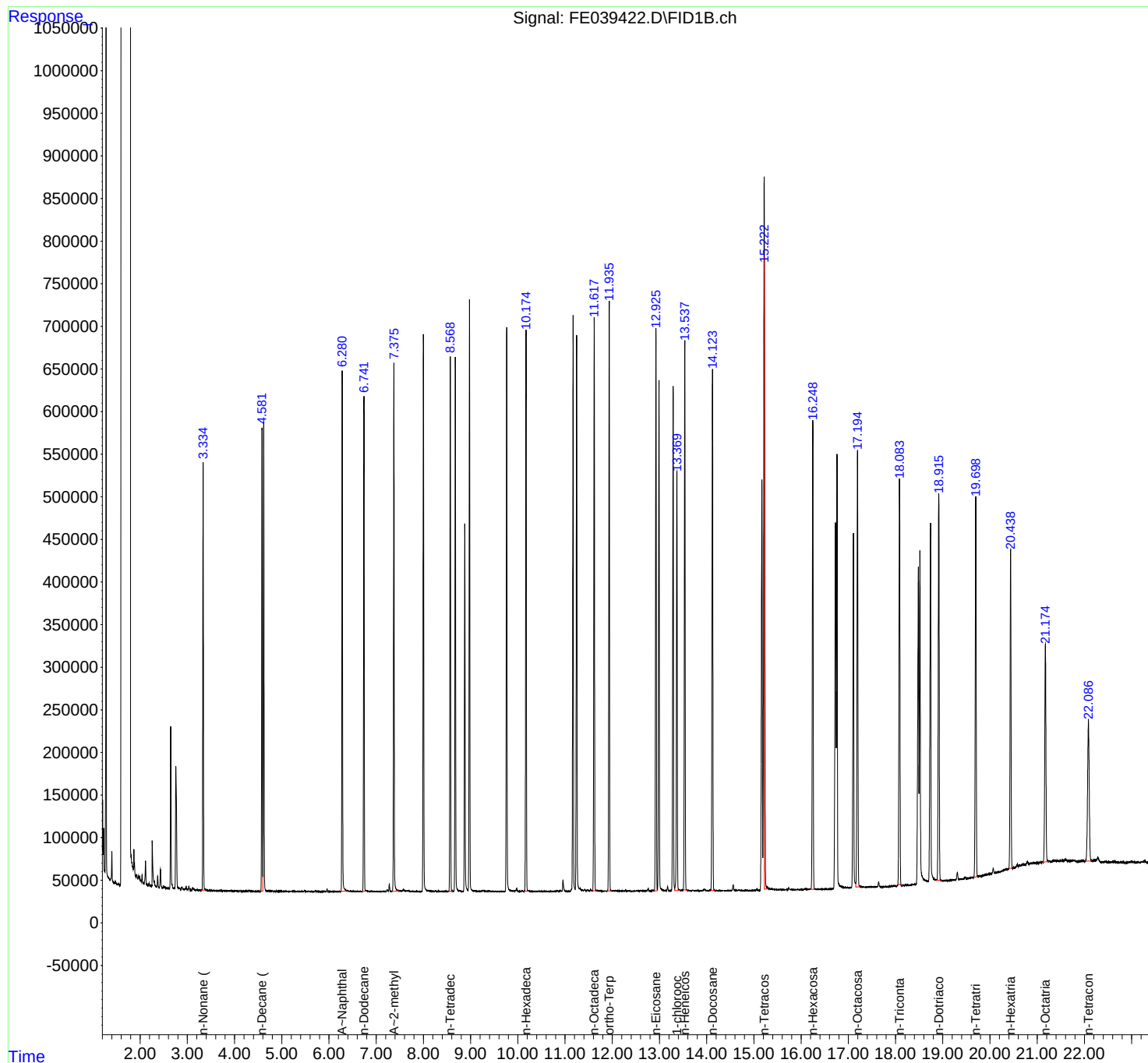
Instrument :  
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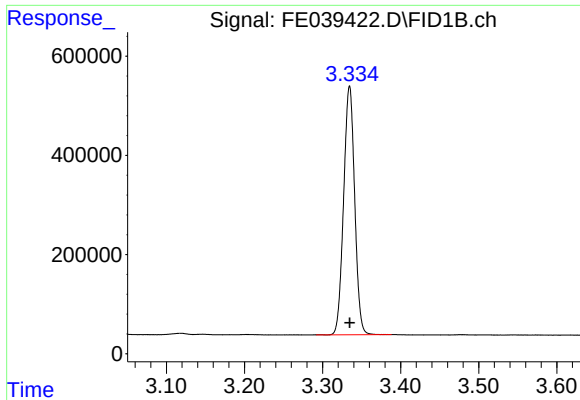
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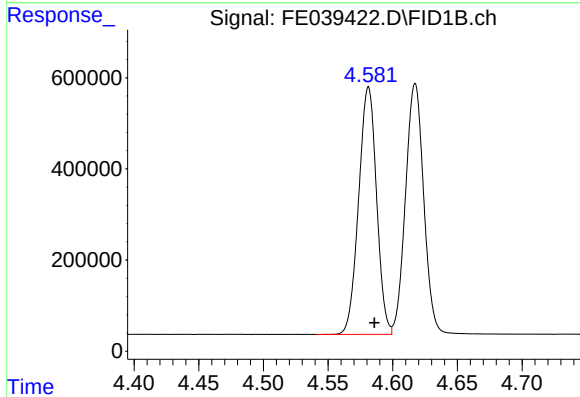
#1 n-Nonane (C9)

R.T.: 3.335 min  
Delta R.T.: 0.000 min  
Response: 4927807  
Conc: 38.12 ug/ml

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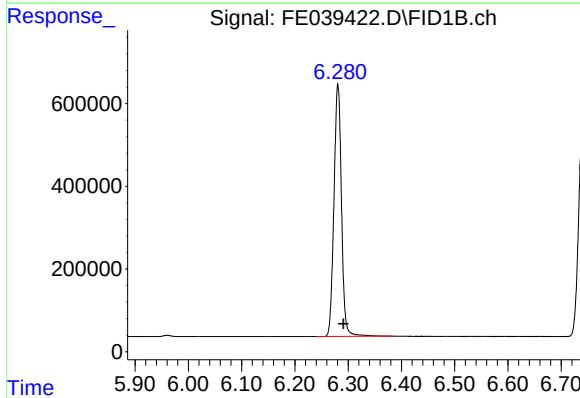
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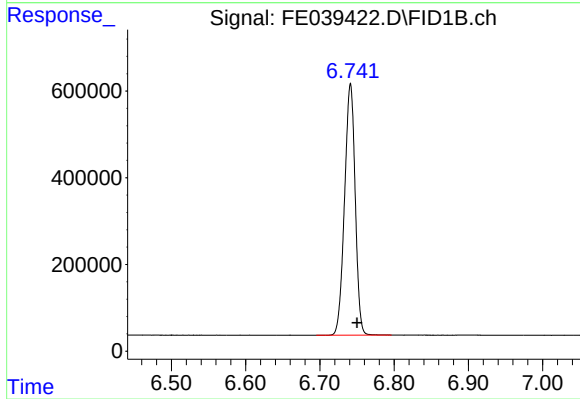
#2 n-Decane (C10)

R.T.: 4.581 min  
Delta R.T.: -0.004 min  
Response: 5225496  
Conc: 41.01 ug/ml



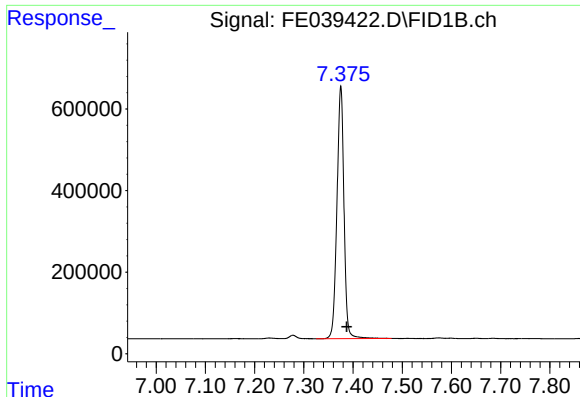
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min  
Delta R.T.: -0.010 min  
Response: 5992675  
Conc: 41.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min  
Delta R.T.: -0.009 min  
Response: 5767099  
Conc: 44.42 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.375 min  
Delta R.T.: -0.012 min  
Response: 6166338  
Conc: 45.53 ug/ml

Instrument :

FID\_E

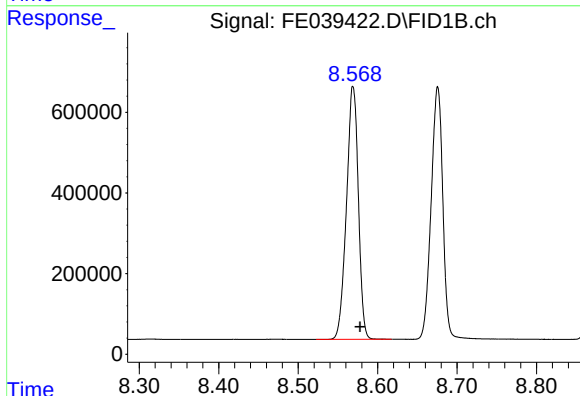
ClientSampleId :

PB149778BS

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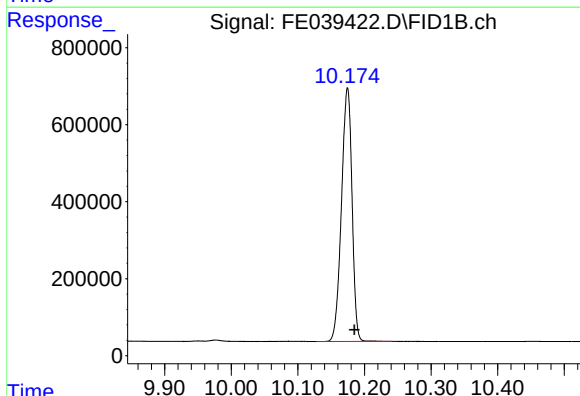
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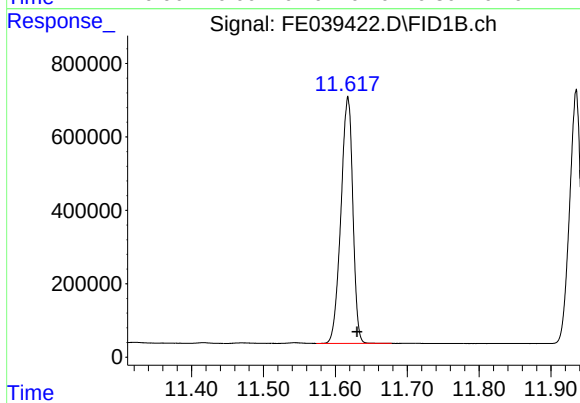
#6 n-Tetradecane (C14)

R.T.: 8.569 min  
Delta R.T.: -0.009 min  
Response: 6514495  
Conc: 49.16 ug/ml



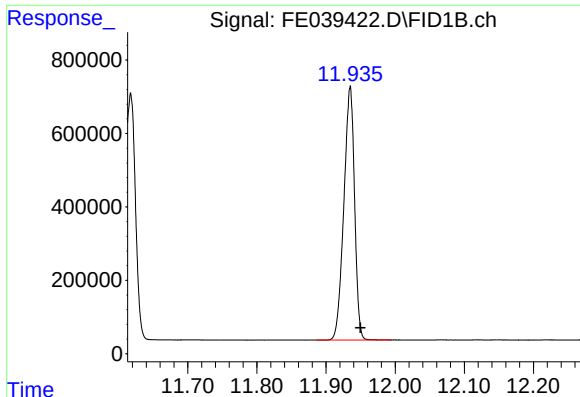
#7 n-Hexadecane (C16)

R.T.: 10.175 min  
Delta R.T.: -0.010 min  
Response: 7249593  
Conc: 52.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min  
Delta R.T.: -0.013 min  
Response: 7719146  
Conc: 55.11 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min  
Delta R.T.: -0.015 min  
Response: 7421949  
Conc: 49.73 ug/ml

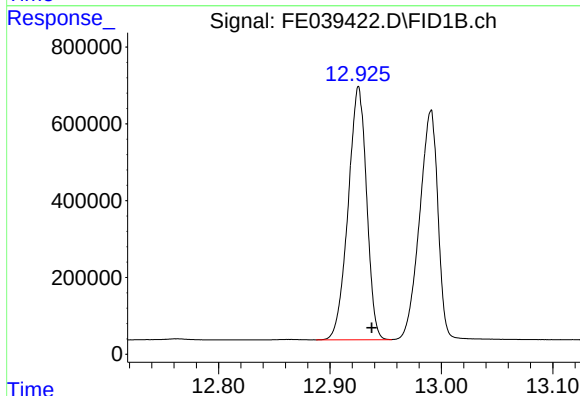
Instrument :

FID\_E

ClientSampleId :  
PB149778BS

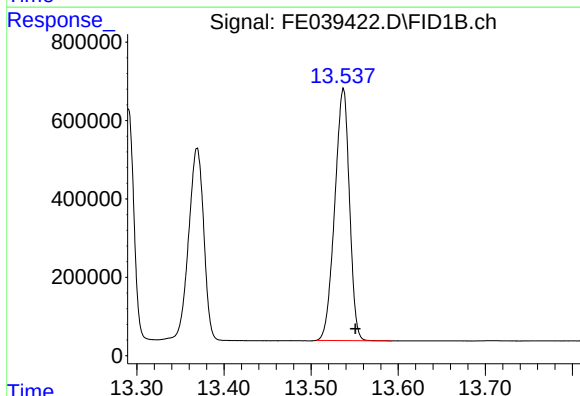
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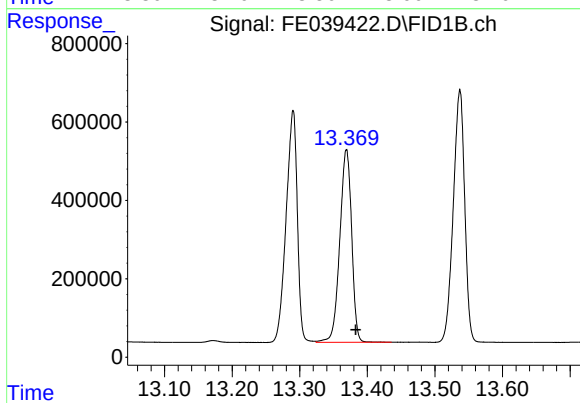
#10 n-Eicosane (C20)

R.T.: 12.926 min  
Delta R.T.: -0.012 min  
Response: 7609156  
Conc: 55.74 ug/ml



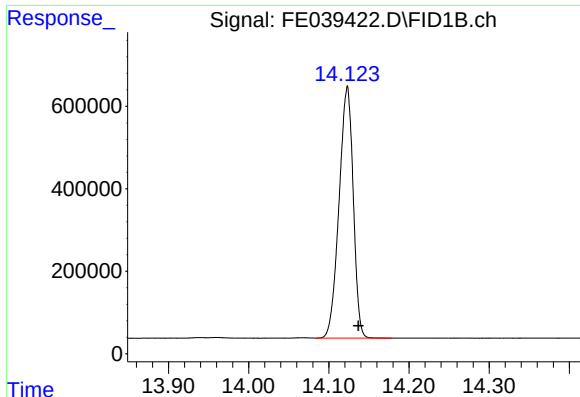
#11 n-Heneicosane (C21)

R.T.: 13.537 min  
Delta R.T.: -0.014 min  
Response: 7533290  
Conc: 55.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min  
Delta R.T.: -0.014 min  
Response: 5996602  
Conc: 52.10 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min  
Delta R.T.: -0.014 min  
Response: 7483160  
Conc: 55.32 ug/ml

Instrument :

FID\_E

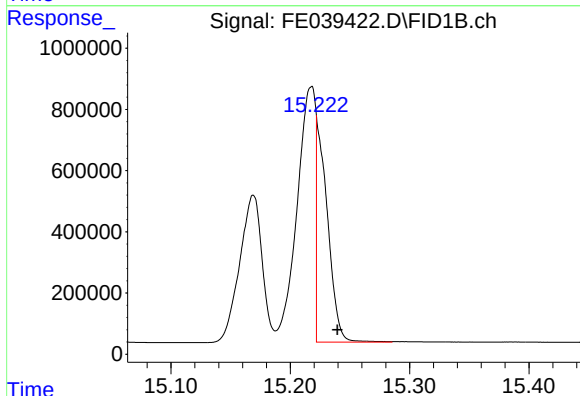
ClientSampleId :

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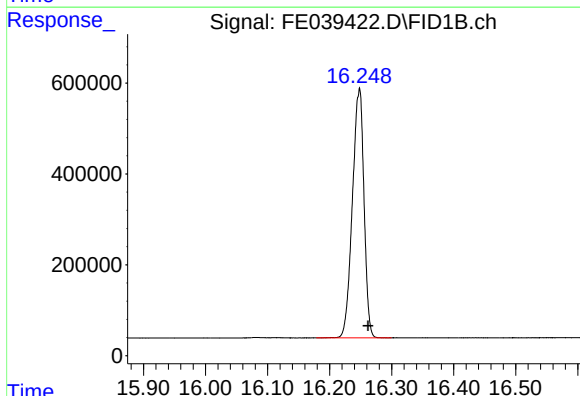
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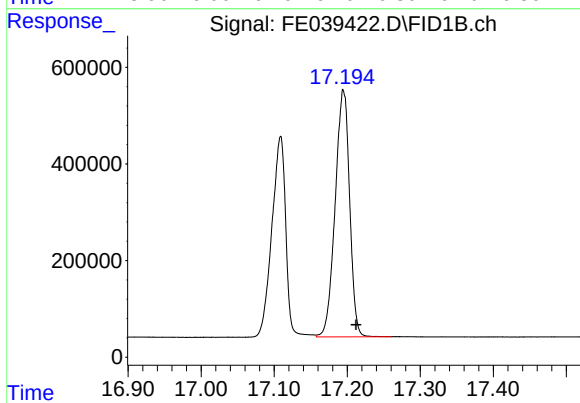
#14 n-Tetracosane (C24)

R.T.: 15.222 min  
Delta R.T.: -0.018 min  
Response: 4739446  
Conc: 35.31 ug/ml m



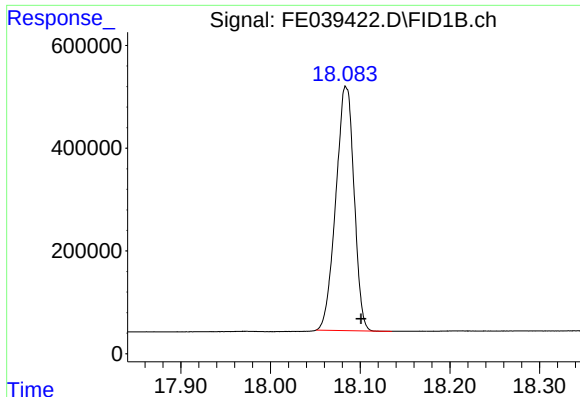
#15 n-Hexacosane (C26)

R.T.: 16.248 min  
Delta R.T.: -0.014 min  
Response: 7127201  
Conc: 54.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min  
Delta R.T.: -0.017 min  
Response: 7032391  
Conc: 54.64 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.084 min  
Delta R.T.: -0.017 min  
Response: 6708726  
Conc: 52.11 ug/ml

Instrument :

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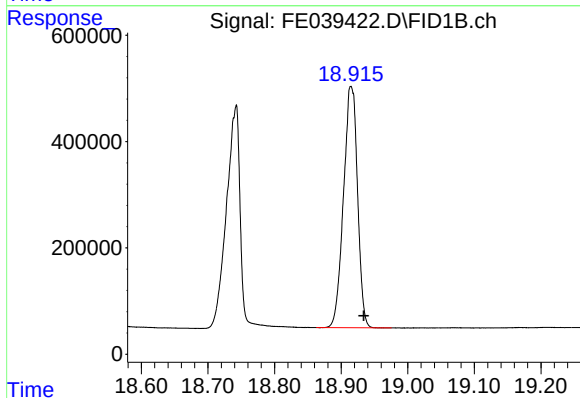
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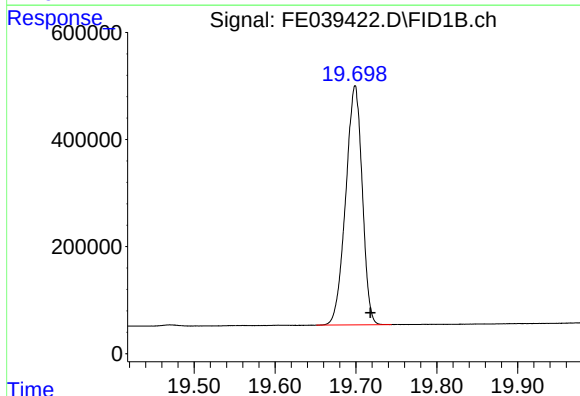
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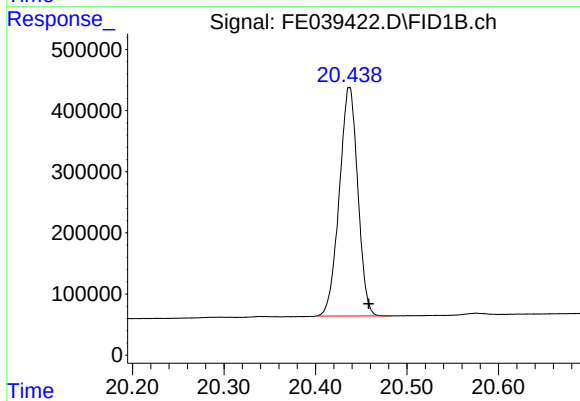
#18 n-Dotriacontane (C32)

R.T.: 18.915 min  
Delta R.T.: -0.019 min  
Response: 6648368  
Conc: 51.34 ug/ml



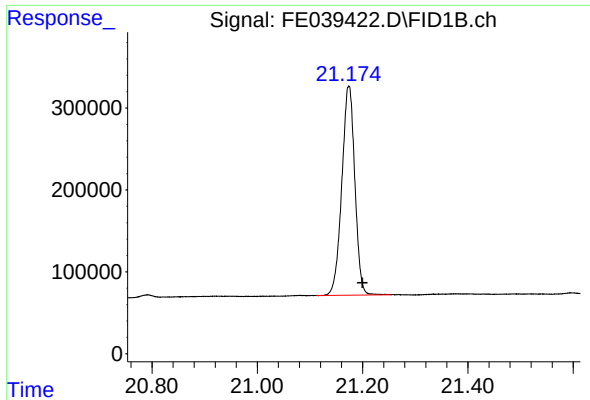
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min  
Delta R.T.: -0.019 min  
Response: 6350916  
Conc: 50.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.437 min  
Delta R.T.: -0.021 min  
Response: 5252481  
Conc: 43.44 ug/ml



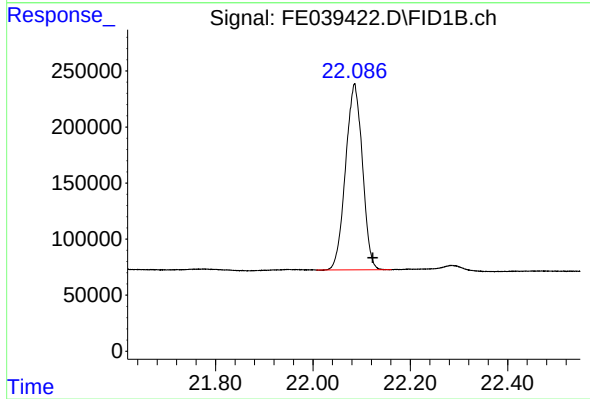
#21 n-Octatriacontane (C38)

R.T.: 21.174 min  
Delta R.T.: -0.026 min  
Response: 4381639  
Conc: 35.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.085 min  
Delta R.T.: -0.037 min  
Response: 3987245  
Conc: 31.75 ug/ml