

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF110724AL\  
 Data File : FF014959.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Nov 2024 15:27  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024  
 Supervised By :Ankita Jodhani 11/08/2024

Integration File: sample.E  
 Quant Time: Nov 08 01:00:53 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 102124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 05:46:44 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    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.935 | 3002853    | 19.693 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.39%        |
| 12) S 1-chlorooctadecane (S... | 13.371 | 2303880    | 19.177 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.35%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.328  | 2677279    | 21.279 ug/ml  |
| 2) T n-Decane (C10)            | 4.578  | 2755846    | 21.555 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.280  | 3019551    | 21.493 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.739  | 2804683    | 21.752 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.374  | 2925401    | 21.409 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.565  | 2801877    | 21.748 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.172 | 2883725    | 21.377 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.615 | 2872035    | 20.643 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.925 | 2712430    | 19.785 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.538 | 2637383    | 19.307 ug/ml  |
| 13) T n-Docosane (C22)         | 14.124 | 2598711    | 18.920 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.228 | 2559256    | 18.319 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.250 | 2489404    | 17.840 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.201 | 2492125    | 18.050 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.089 | 2632114    | 18.684 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.922 | 2621243    | 18.896 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.706 | 2303573    | 19.620 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.448 | 2034163    | 20.190 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.185 | 1969566    | 21.889 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.102 | 2051970    | 22.888 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 11 Sample Multiplier: 1

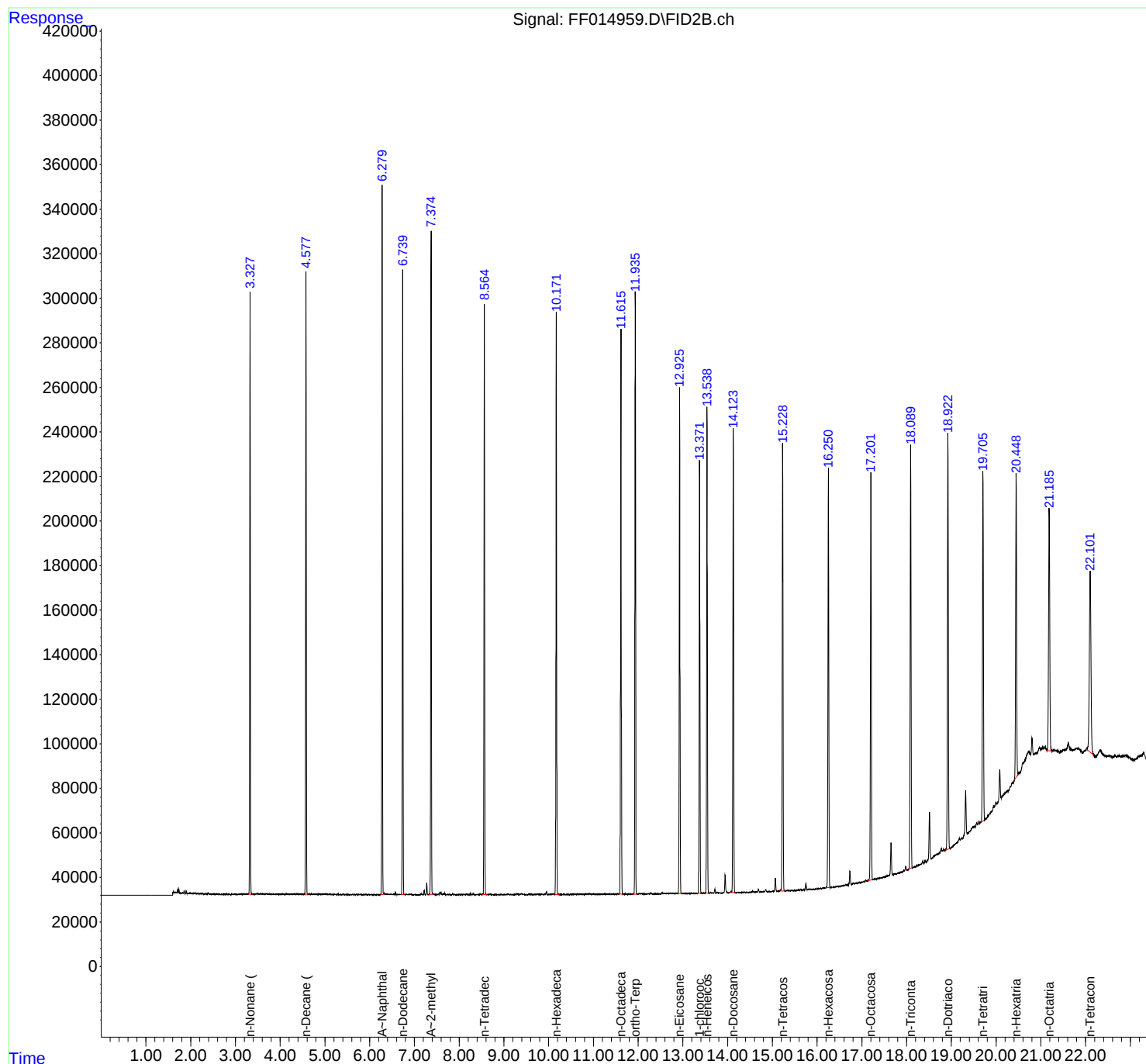
Instrument :  
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ClientSampleId :  
20 PPM ALIPHATIC HC STD

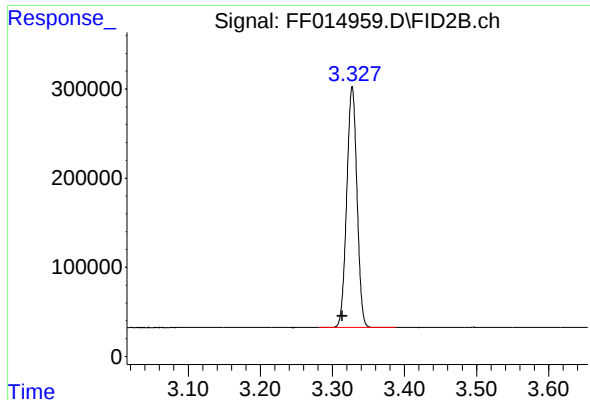
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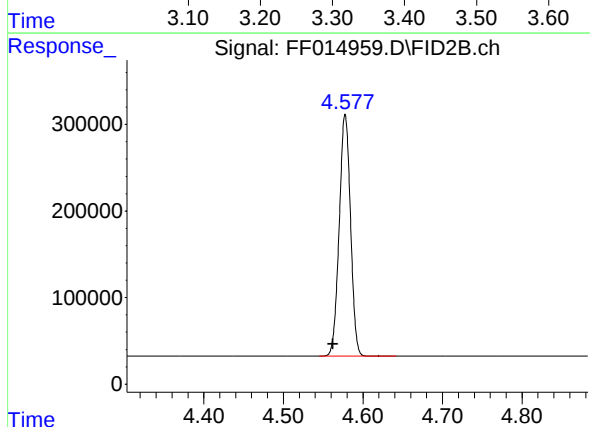
#1 n-Nonane (C9)

R.T.: 3.328 min  
Delta R.T.: 0.014 min  
Response: 2677279  
Conc: 21.28 ug/ml

Instrument : FID\_F  
ClientSampleId : 20 PPM ALIPHATIC HC STD

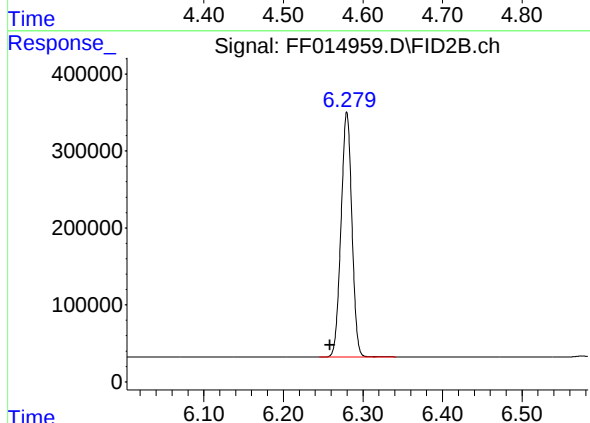
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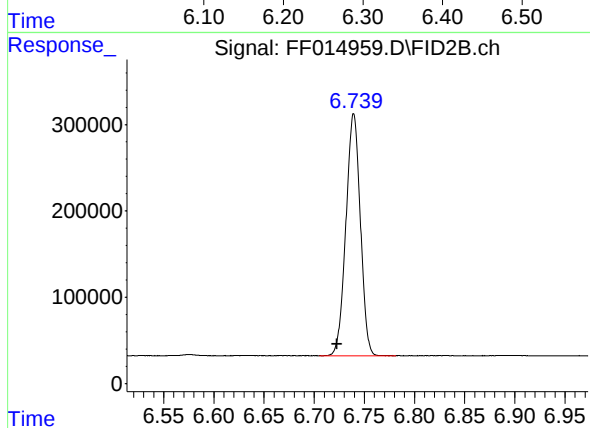
#2 n-Decane (C10)

R.T.: 4.578 min  
Delta R.T.: 0.015 min  
Response: 2755846  
Conc: 21.56 ug/ml



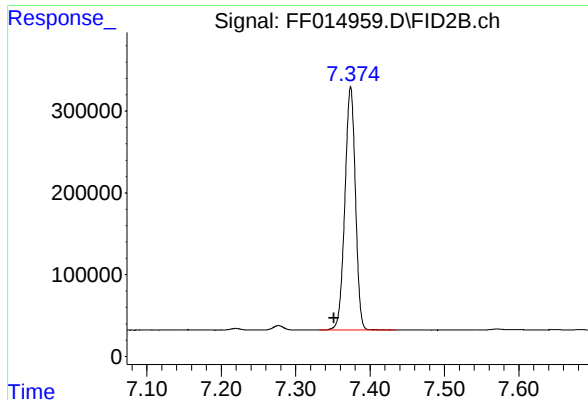
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min  
Delta R.T.: 0.021 min  
Response: 3019551  
Conc: 21.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.739 min  
Delta R.T.: 0.017 min  
Response: 2804683  
Conc: 21.75 ug/ml



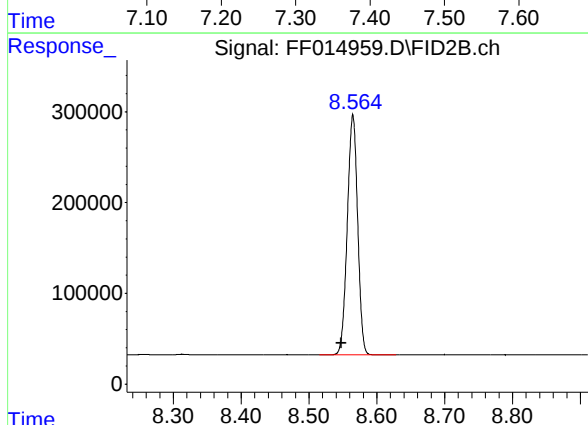
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.374 min  
Delta R.T.: 0.022 min  
Response: 2925401  
Conc: 21.41 ug/ml

Instrument :  
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20 PPM ALIPHATIC HC STD

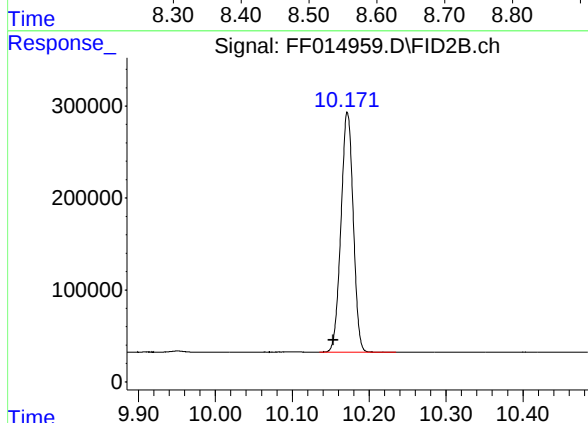
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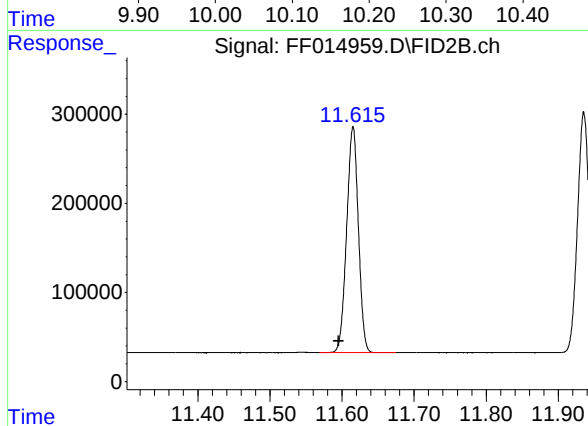
#6 n-Tetradecane (C14)

R.T.: 8.565 min  
Delta R.T.: 0.017 min  
Response: 2801877  
Conc: 21.75 ug/ml



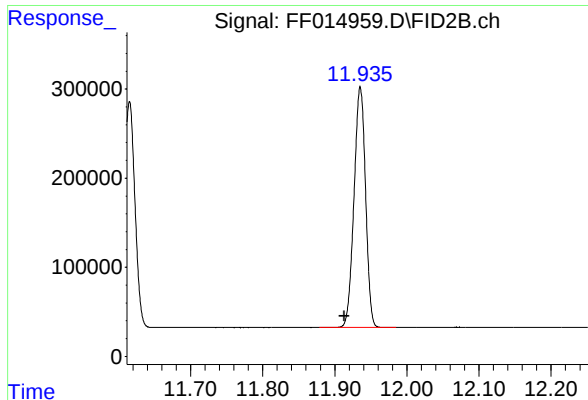
#7 n-Hexadecane (C16)

R.T.: 10.172 min  
Delta R.T.: 0.018 min  
Response: 2883725  
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.615 min  
Delta R.T.: 0.020 min  
Response: 2872035  
Conc: 20.64 ug/ml



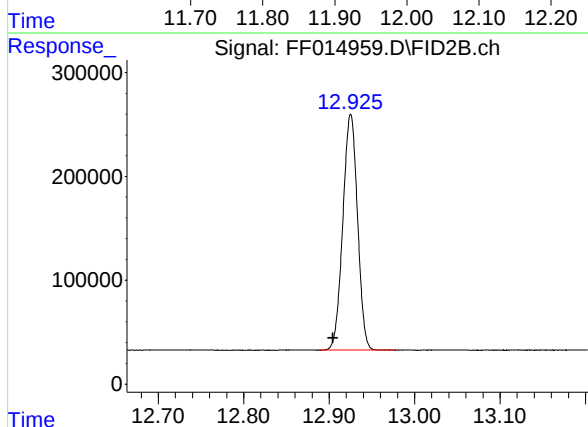
#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min  
Delta R.T.: 0.022 min  
Response: 3002853  
Conc: 19.69 ug/ml

Instrument :  
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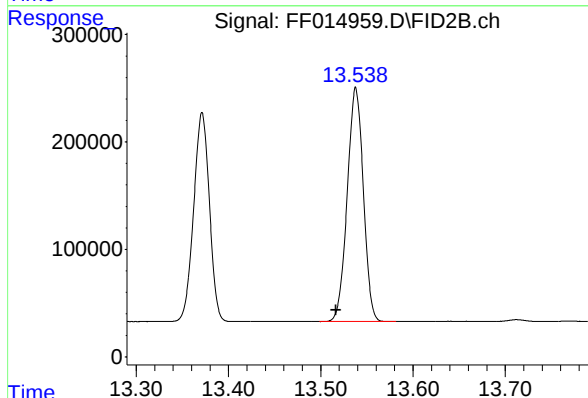
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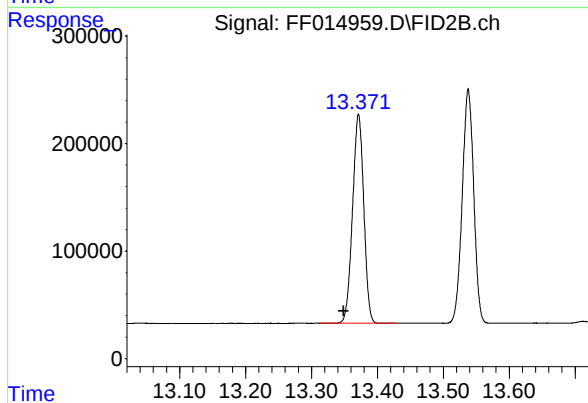
#10 n-Eicosane (C20)

R.T.: 12.925 min  
Delta R.T.: 0.021 min  
Response: 2712430  
Conc: 19.78 ug/ml



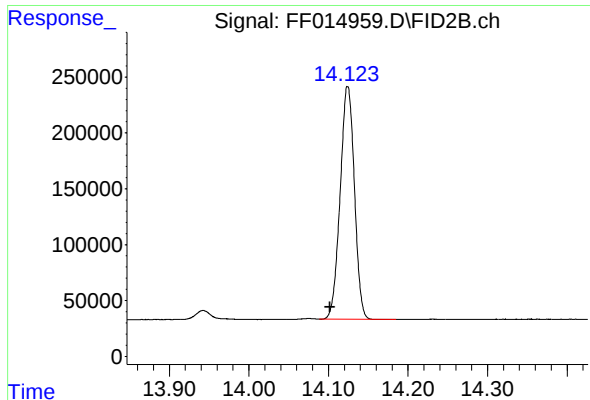
#11 n-Heneicosane (C21)

R.T.: 13.538 min  
Delta R.T.: 0.022 min  
Response: 2637383  
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min  
Delta R.T.: 0.023 min  
Response: 2303880  
Conc: 19.18 ug/ml



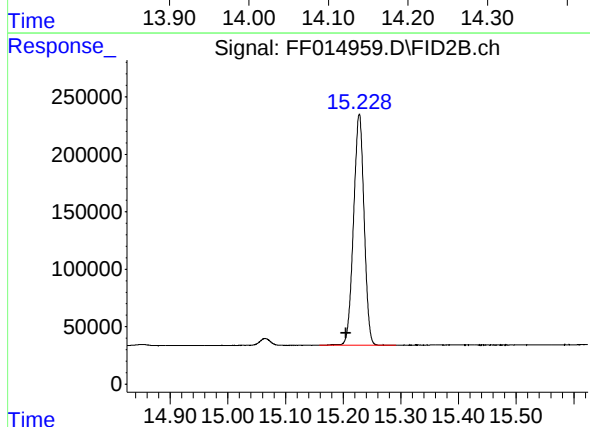
#13 n-Docosane (C22)

R.T.: 14.124 min  
Delta R.T.: 0.022 min  
Response: 2598711  
Conc: 18.92 ug/ml

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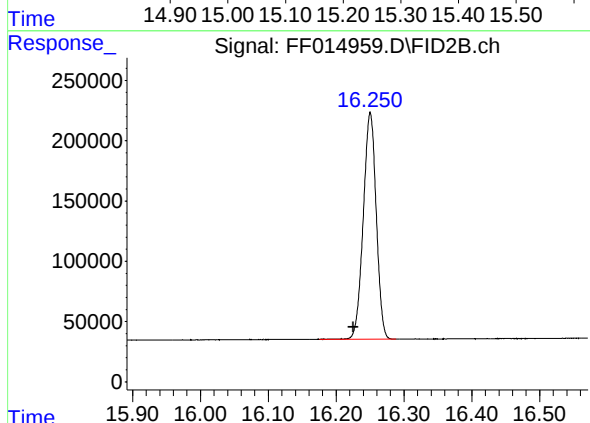
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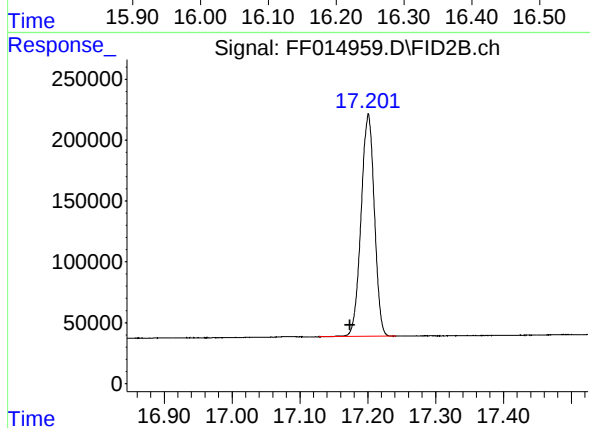
#14 n-Tetracosane (C24)

R.T.: 15.228 min  
Delta R.T.: 0.023 min  
Response: 2559256  
Conc: 18.32 ug/ml



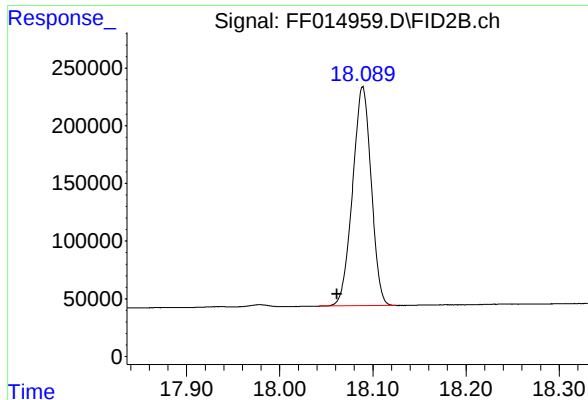
#15 n-Hexacosane (C26)

R.T.: 16.250 min  
Delta R.T.: 0.025 min  
Response: 2489404  
Conc: 17.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min  
Delta R.T.: 0.027 min  
Response: 2492125  
Conc: 18.05 ug/ml



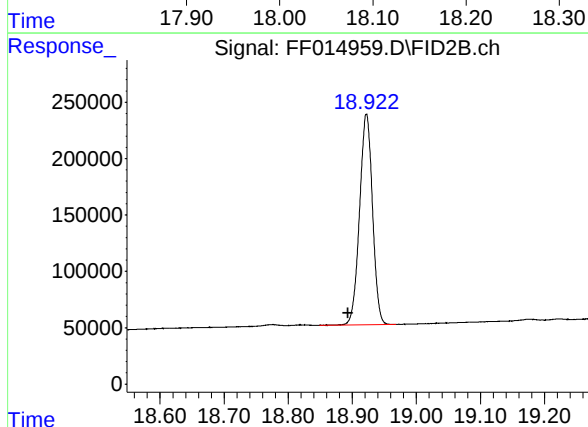
#17 n-Tricontane (C30)

R.T.: 18.089 min  
Delta R.T.: 0.028 min  
Response: 2632114  
Conc: 18.68 ug/ml

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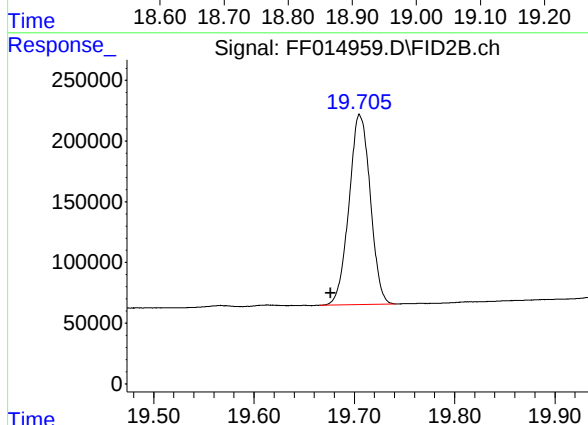
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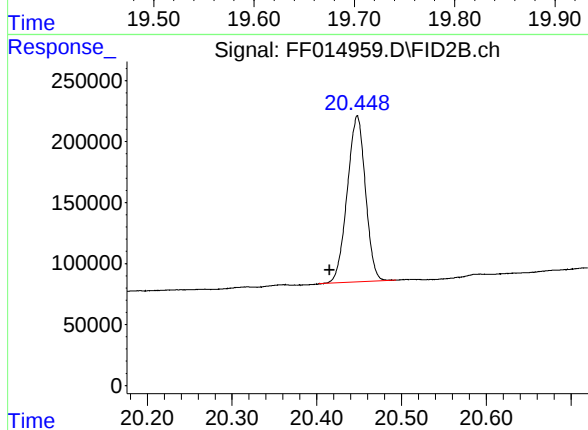
#18 n-Dotriacontane (C32)

R.T.: 18.922 min  
Delta R.T.: 0.029 min  
Response: 2621243  
Conc: 18.90 ug/ml



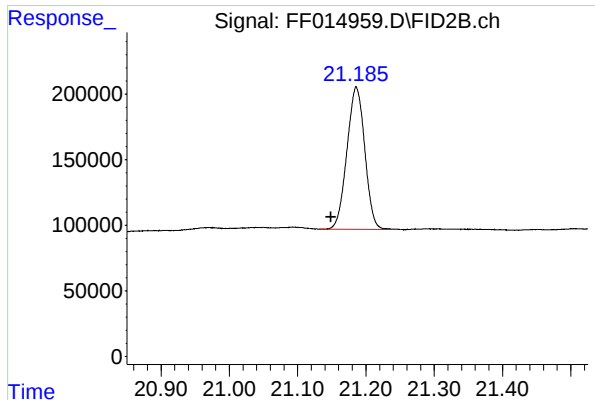
#19 n-Tetatriacontane (C34)

R.T.: 19.706 min  
Delta R.T.: 0.029 min  
Response: 2303573  
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min  
Delta R.T.: 0.032 min  
Response: 2034163  
Conc: 20.19 ug/ml m



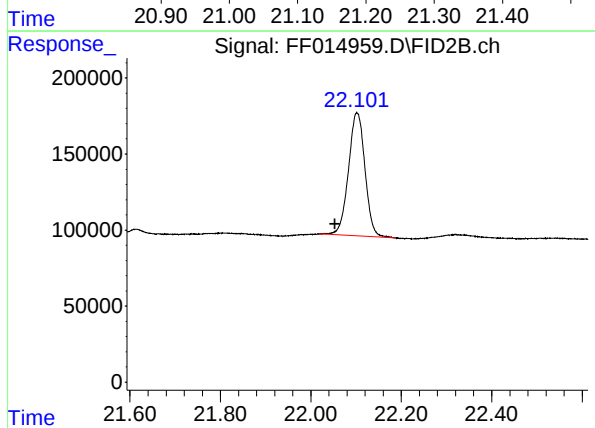
#21 n-Octatriacontane (C38)

R.T.: 21.185 min  
Delta R.T.: 0.036 min  
Response: 1969566  
Conc: 21.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.102 min  
Delta R.T.: 0.048 min  
Response: 2051970  
Conc: 22.89 ug/ml