

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE103122AL\  
 Data File : FE038458.D  
 Signal(s) : FID1B.ch  
 Acq On : 31 Oct 2022 21:05  
 Operator : YP\AJ  
 Sample : N5341-04MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 WC-2MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/01/2022  
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e  
 Quant Time: Nov 01 04:44:55 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102522.M  
 Quant Title : GC Extractables  
 Qlast Update : Wed Oct 26 04:49:29 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)    | 11.968 | 4981802    | 28.952 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 57.90%        |
| 12) S 1-chlorooctadecane (S... | 13.400 | 3920233    | 28.635 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 57.27%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.370  | 4503446    | 29.241 ug/ml  |
| 2) T n-Decane (C10)            | 4.616  | 5171268    | 33.315 ug/mlm |
| 3) T A~Naphthalene (C11.7)     | 6.316  | 5949479    | 35.131 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.777  | 5923620    | 37.919 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.410  | 6050085    | 36.102 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.604  | 6323900    | 40.437 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.209 | 6600317    | 41.777 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.650 | 6743599    | 42.100 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.959 | 6562563    | 40.729 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.570 | 6521260    | 40.371 ug/ml  |
| 13) T n-Docosane (C22)         | 14.156 | 6457664    | 40.000 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.256 | 4656587    | 29.031 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.277 | 6241800    | 39.297 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.224 | 6154792    | 39.230 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.112 | 5927809    | 37.152 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.941 | 5868912    | 37.223 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.724 | 5781000    | 39.213 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.462 | 5509661    | 38.560 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.204 | 5471144    | 40.508 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.129 | 5499960    | 43.571 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : N5341-04MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

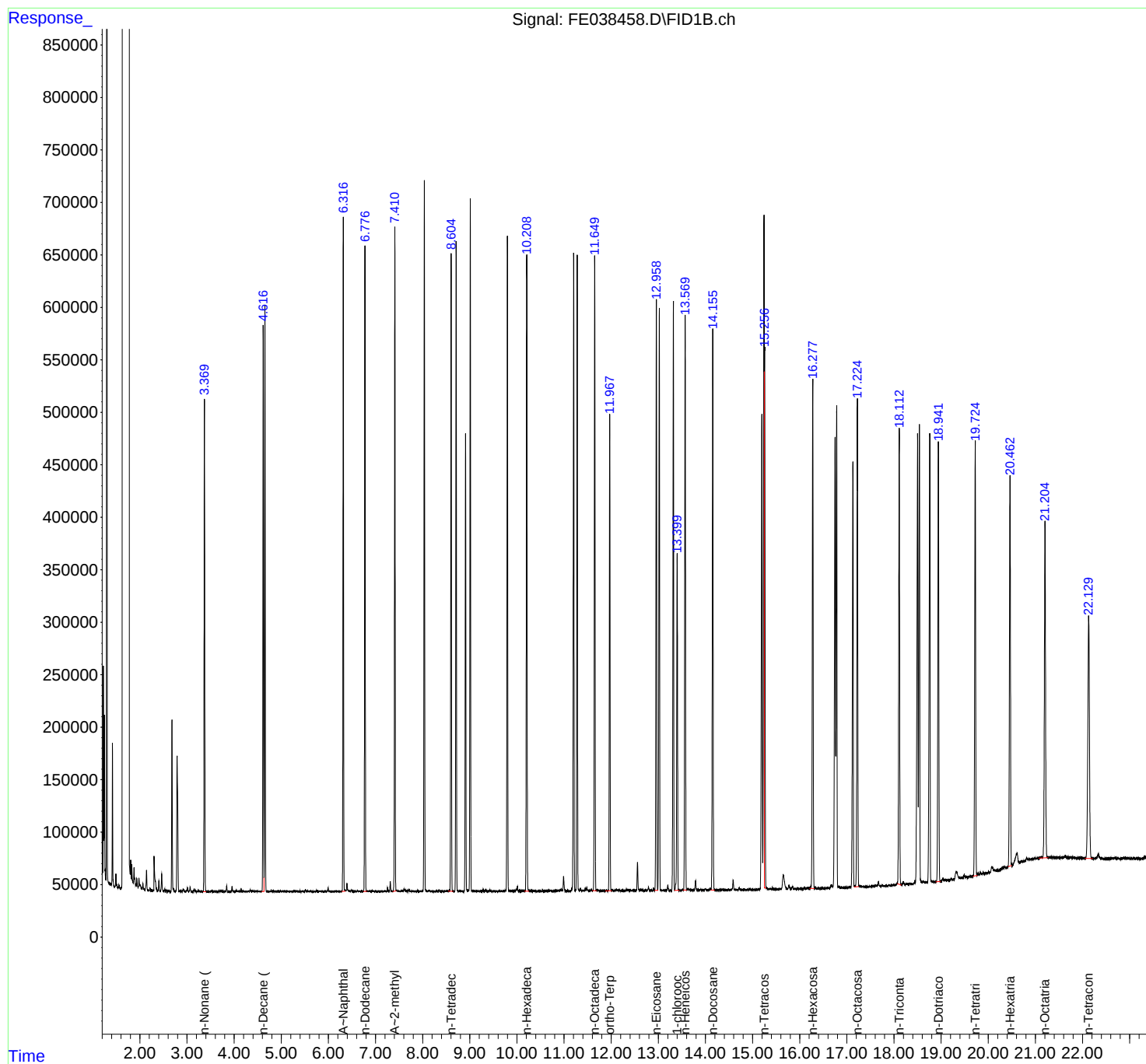
Instrument :  
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ClientSampleId :  
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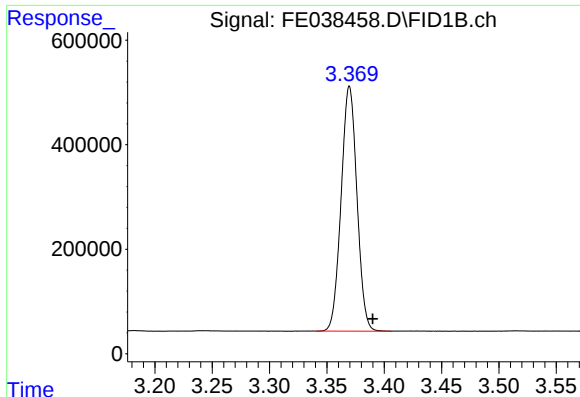
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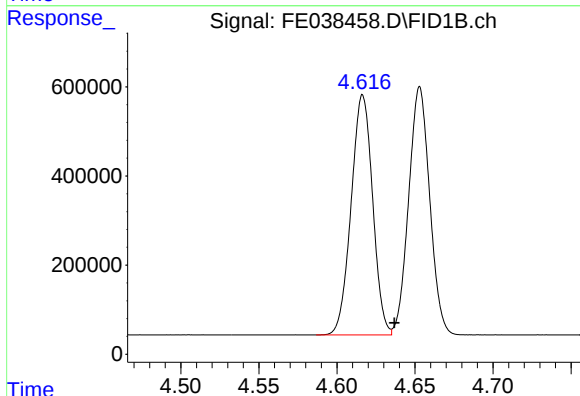
#1 n-Nonane (C9)

R.T.: 3.370 min  
Delta R.T.: -0.020 min  
Response: 4503446  
Conc: 29.24 ug/ml

Instrument :  
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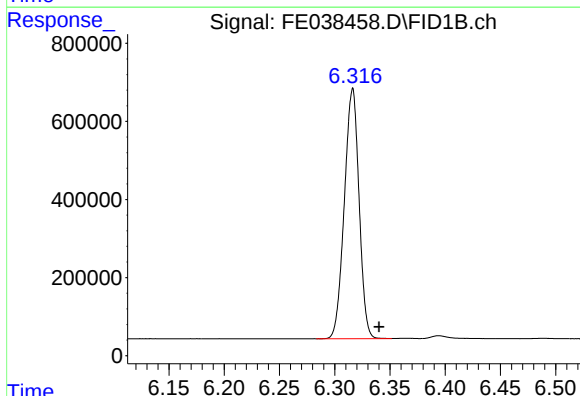
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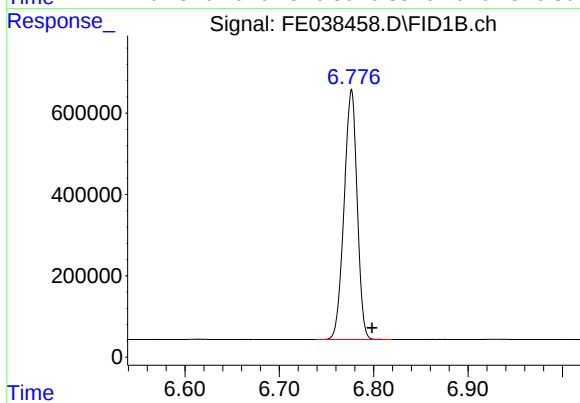
#2 n-Decane (C10)

R.T.: 4.616 min  
Delta R.T.: -0.021 min  
Response: 5171268  
Conc: 33.32 ug/ml m



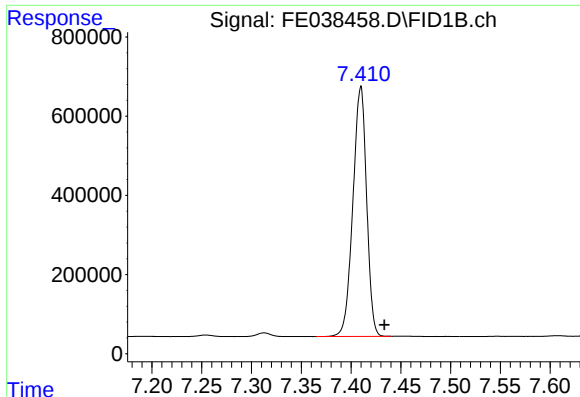
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min  
Delta R.T.: -0.024 min  
Response: 5949479  
Conc: 35.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.777 min  
Delta R.T.: -0.022 min  
Response: 5923620  
Conc: 37.92 ug/ml



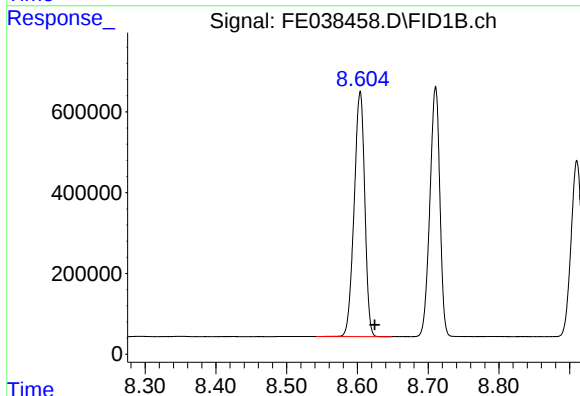
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.410 min  
Delta R.T.: -0.024 min  
Response: 6050085  
Conc: 36.10 ug/ml

Instrument :  
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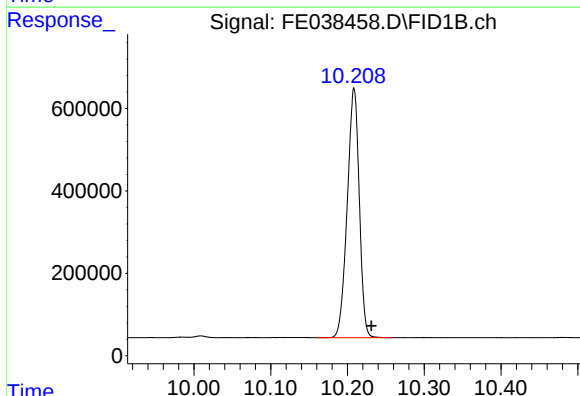
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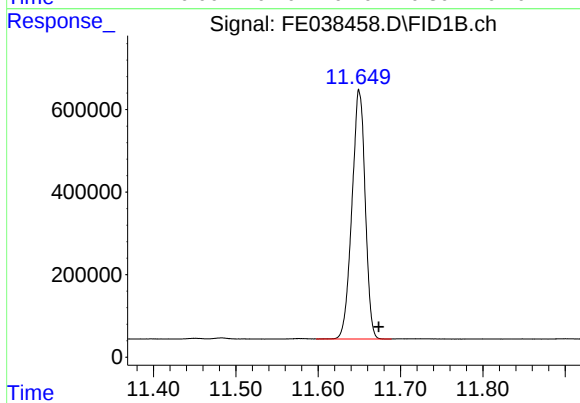
#6 n-Tetradecane (C14)

R.T.: 8.604 min  
Delta R.T.: -0.020 min  
Response: 6323900  
Conc: 40.44 ug/ml



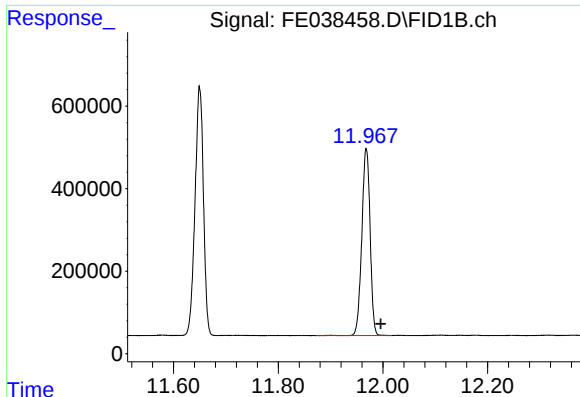
#7 n-Hexadecane (C16)

R.T.: 10.209 min  
Delta R.T.: -0.022 min  
Response: 6600317  
Conc: 41.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min  
Delta R.T.: -0.024 min  
Response: 6743599  
Conc: 42.10 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.968 min  
Delta R.T.: -0.027 min  
Response: 4981802  
Conc: 28.95 ug/ml

Instrument :

FID\_E

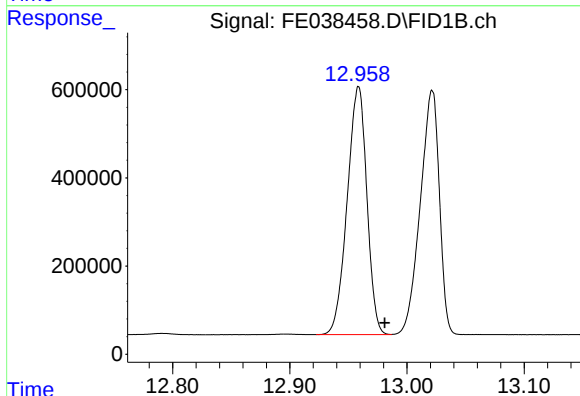
ClientSampleId :

WC-2MSD

Manual Integrations

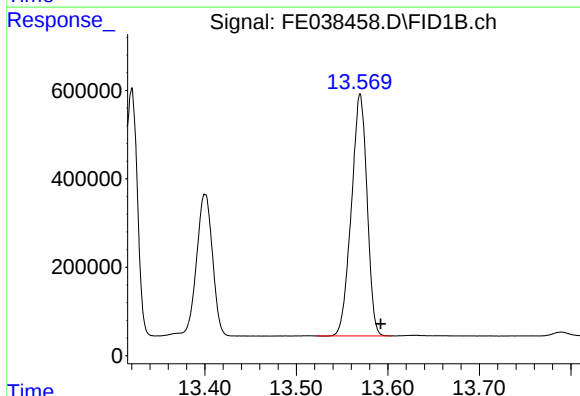
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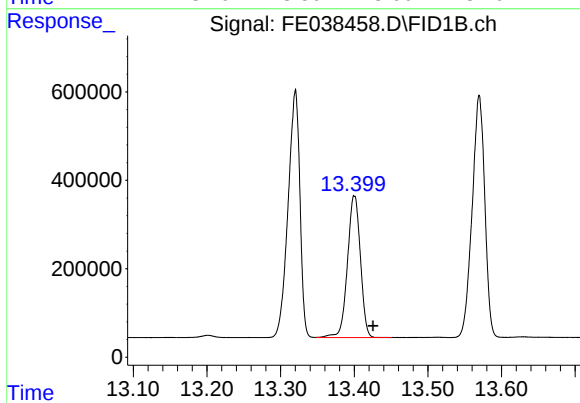
#10 n-Eicosane (C20)

R.T.: 12.959 min  
Delta R.T.: -0.022 min  
Response: 6562563  
Conc: 40.73 ug/ml



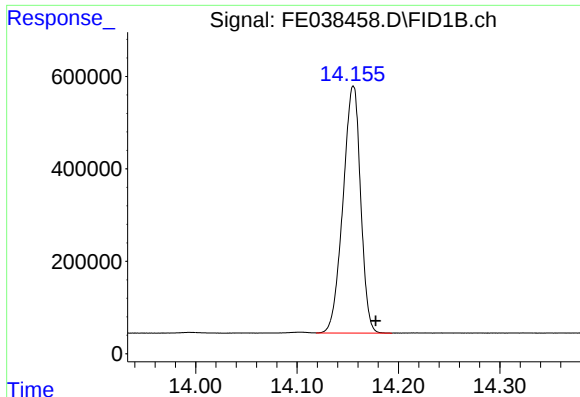
#11 n-Heneicosane (C21)

R.T.: 13.570 min  
Delta R.T.: -0.022 min  
Response: 6521260  
Conc: 40.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.400 min  
Delta R.T.: -0.025 min  
Response: 3920233  
Conc: 28.64 ug/ml



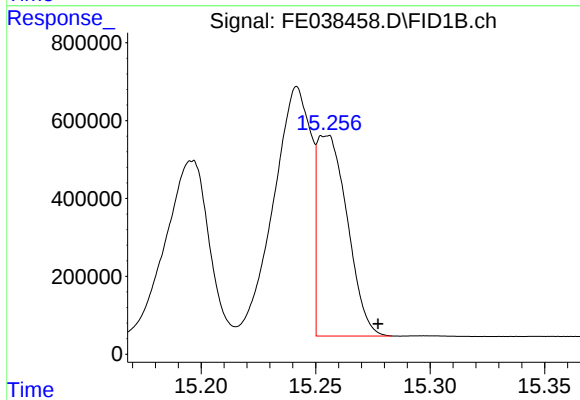
#13 n-Docosane (C22)

R.T.: 14.156 min  
Delta R.T.: -0.022 min  
Response: 6457664  
Conc: 40.00 ug/ml

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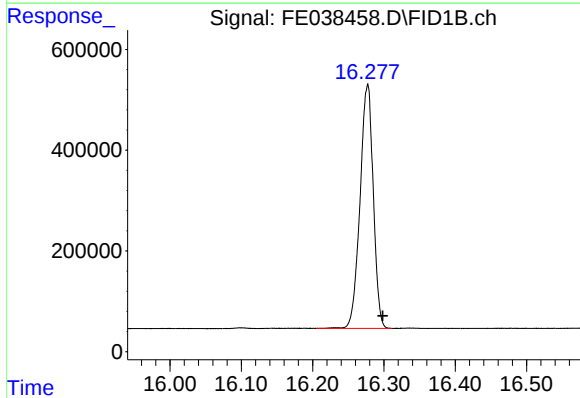
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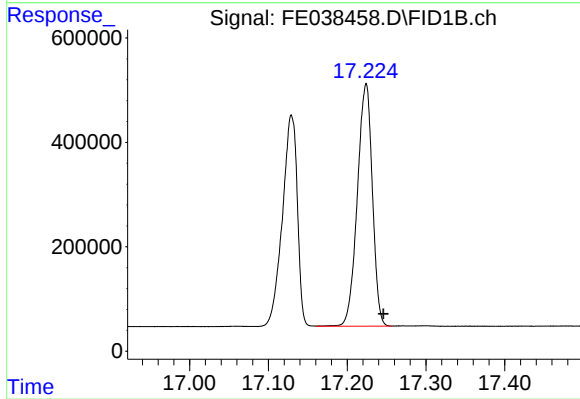
#14 n-Tetracosane (C24)

R.T.: 15.256 min  
Delta R.T.: -0.021 min  
Response: 4656587  
Conc: 29.03 ug/ml m



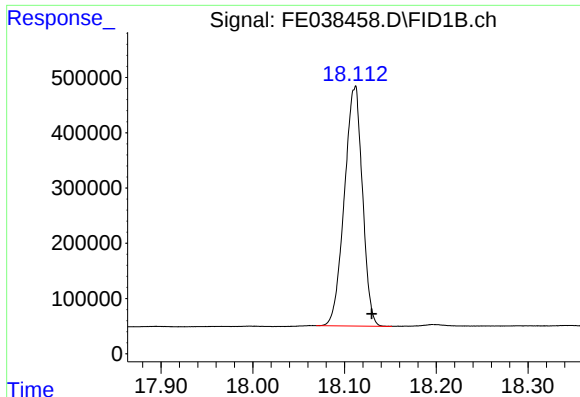
#15 n-Hexacosane (C26)

R.T.: 16.277 min  
Delta R.T.: -0.021 min  
Response: 6241800  
Conc: 39.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min  
Delta R.T.: -0.022 min  
Response: 6154792  
Conc: 39.23 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.112 min  
Delta R.T.: -0.018 min  
Response: 5927809  
Conc: 37.15 ug/ml

Instrument :

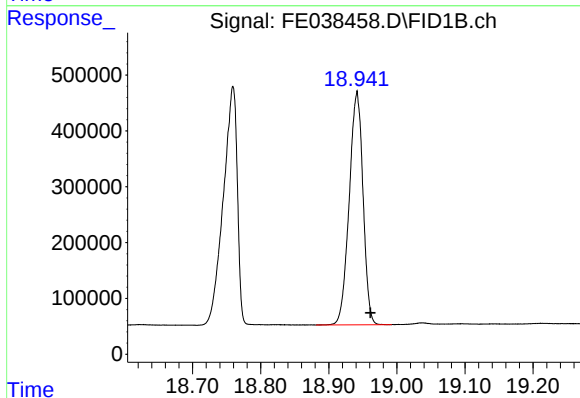
FID\_E

ClientSampleId :

WC-2MSD

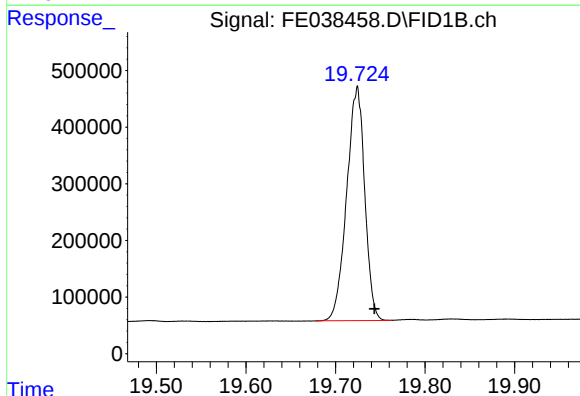
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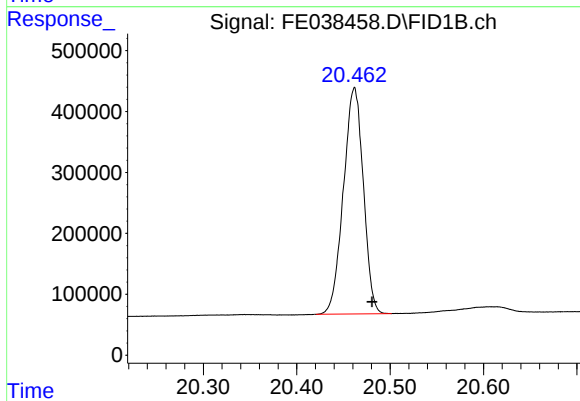
#18 n-Dotriacontane (C32)

R.T.: 18.941 min  
Delta R.T.: -0.020 min  
Response: 5868912  
Conc: 37.22 ug/ml



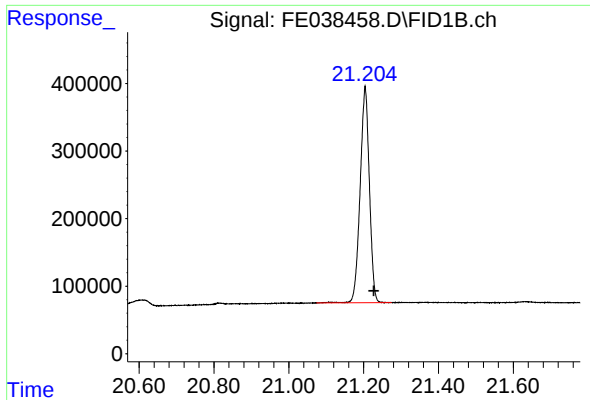
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min  
Delta R.T.: -0.019 min  
Response: 5781000  
Conc: 39.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min  
Delta R.T.: -0.019 min  
Response: 5509661  
Conc: 38.56 ug/ml



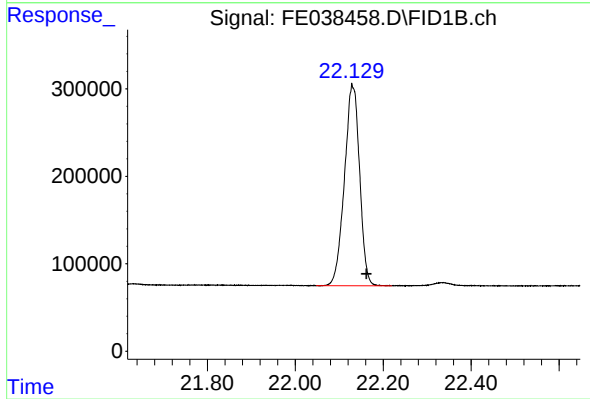
#21 n-Octatriacontane (C38)

R.T.: 21.204 min  
Delta R.T.: -0.023 min  
Response: 5471144  
Conc: 40.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.129 min  
Delta R.T.: -0.033 min  
Response: 5499960  
Conc: 43.57 ug/ml