

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF032025AL\  
 Data File : FF015713.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Mar 2025 23:47  
 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

Integration File: autoint1.e  
 Quant Time: Mar 21 00:48:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 031725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 18 02:31:19 2025  
 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)    | 11.937 | 3169548    | 20.804 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.61%       |
| 12) S 1-chlorooctadecane (S... | 13.371 | 2417766    | 21.303 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.61%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.310  | 2689981    | 21.238 ug/ml |
| 2) T n-Decane (C10)            | 4.567  | 2745399    | 21.379 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.279  | 2805233    | 21.614 ug/ml |
| 4) T n-Dodecane (C12)          | 6.733  | 2775046    | 21.294 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.376  | 2633279    | 22.221 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.561  | 2763880    | 21.342 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.169 | 2873762    | 21.490 ug/ml |
| 8) T n-Octadecane (C18)        | 11.613 | 2955641    | 21.464 ug/ml |
| 10) T n-Eicosane (C20)         | 12.924 | 2875173    | 21.333 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.536 | 2840684    | 21.255 ug/ml |
| 13) T n-Docosane (C22)         | 14.123 | 2807928    | 20.983 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.228 | 2807147    | 20.969 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.251 | 2692082    | 20.583 ug/ml |
| 16) T n-Octacosane (C28)       | 17.202 | 2608593    | 19.969 ug/ml |
| 17) T n-Tricontane (C30)       | 18.091 | 2595887    | 19.250 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.924 | 2471096    | 18.950 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.709 | 2163453    | 18.534 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.449 | 1888439    | 19.023 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.187 | 1788386    | 20.469 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.103 | 1727068    | 21.520 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

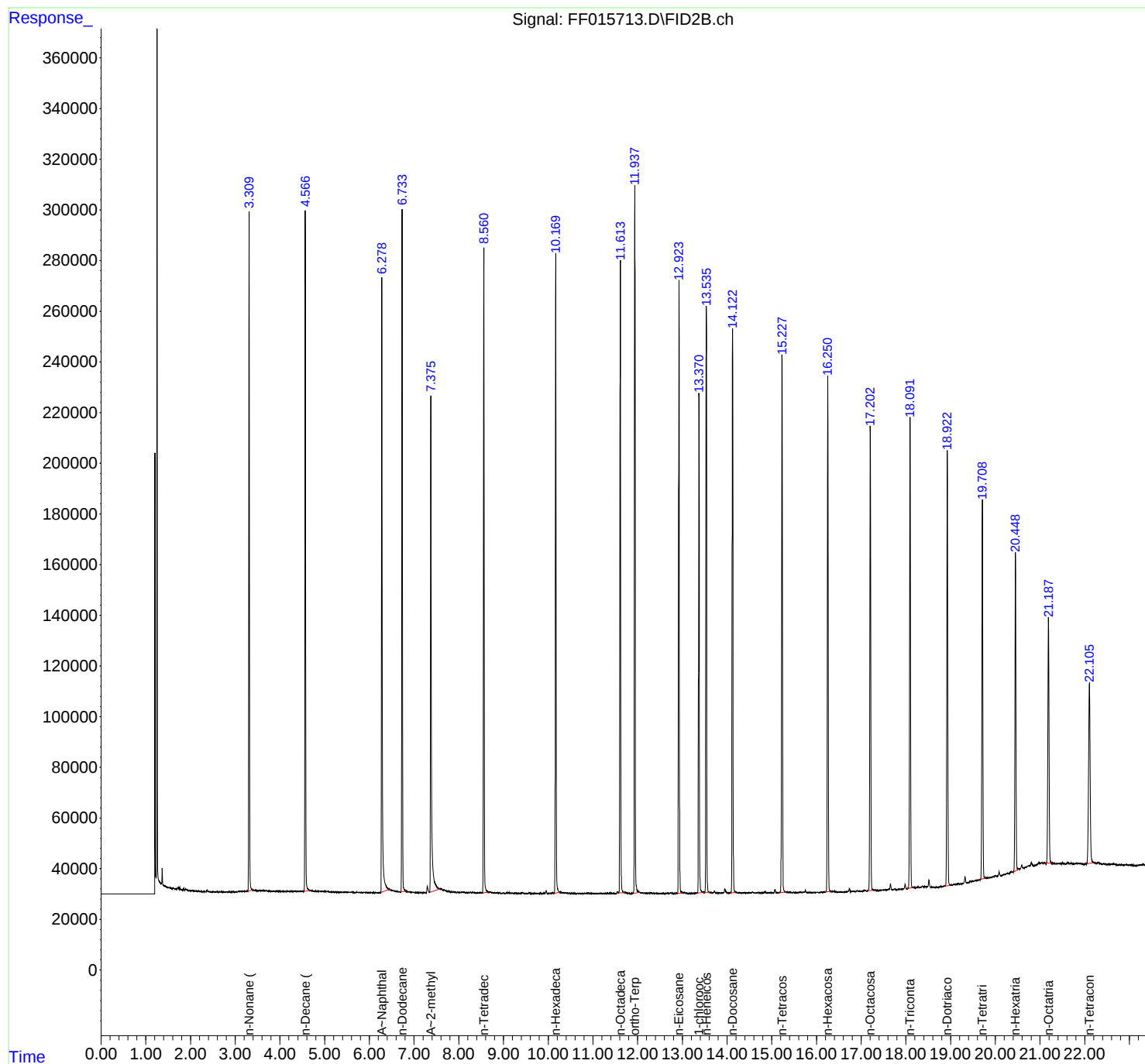
(m)=manual int.

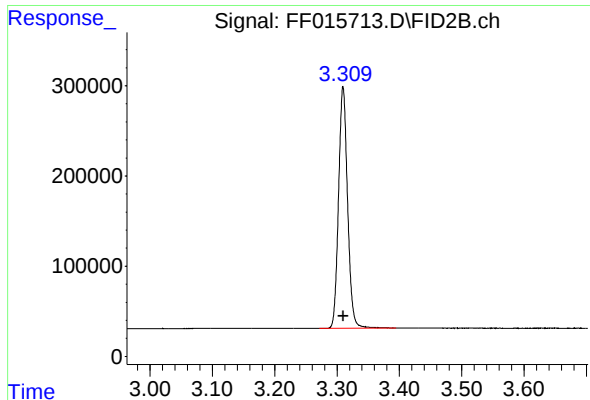
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF032025AL\  
Data File : FF015713.D  
Signal(s) : FID2B.ch  
Acq On : 20 Mar 2025 23:47  
Operator : YP\AJ  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 031725.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 18 02:31:19 2025  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

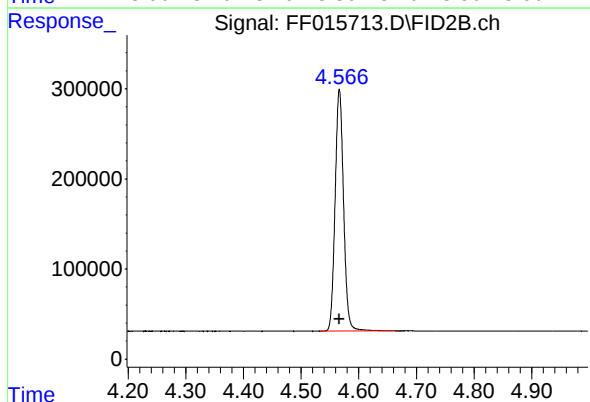




#1 n-Nonane (C9)

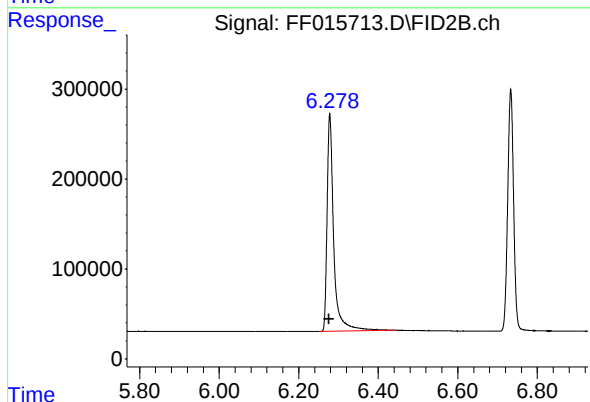
R.T.: 3.310 min  
Delta R.T.: 0.000 min  
Response: 2689981  
Conc: 21.24 ug/ml

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



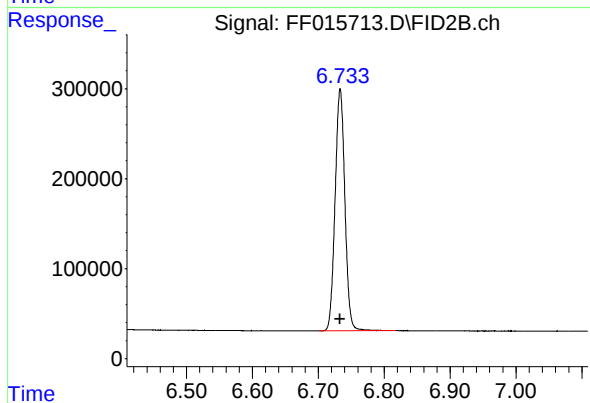
#2 n-Decane (C10)

R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 2745399  
Conc: 21.38 ug/ml



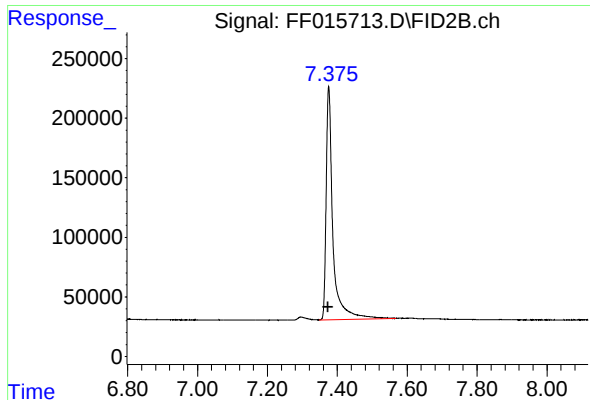
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min  
Delta R.T.: 0.002 min  
Response: 2805233  
Conc: 21.61 ug/ml



#4 n-Dodecane (C12)

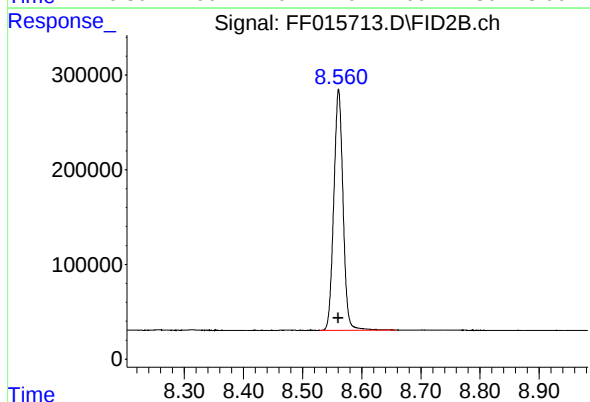
R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 2775046  
Conc: 21.29 ug/ml



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

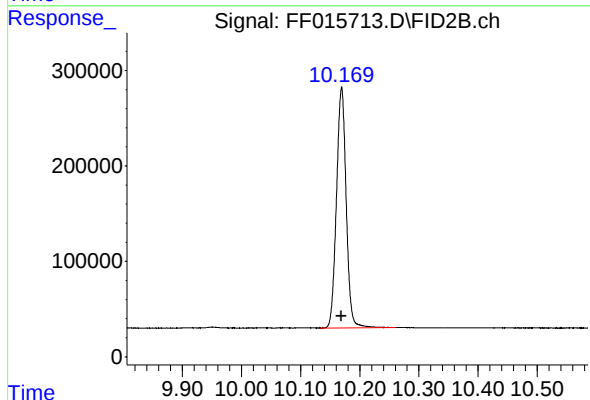
R.T.: 7.376 min  
Delta R.T.: 0.002 min  
Response: 2633279  
Conc: 22.22 ug/ml

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



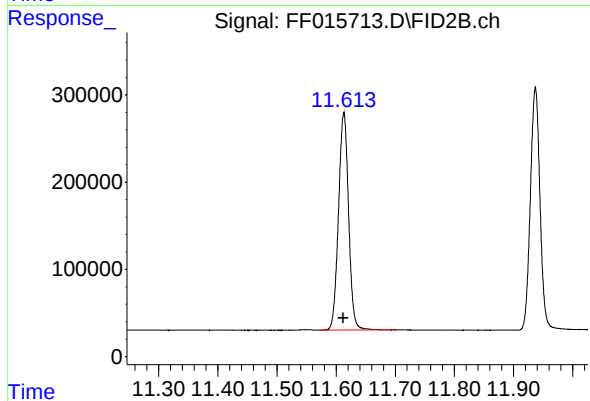
#6 n-Tetradecane (C14)

R.T.: 8.561 min  
Delta R.T.: 0.000 min  
Response: 2763880  
Conc: 21.34 ug/ml



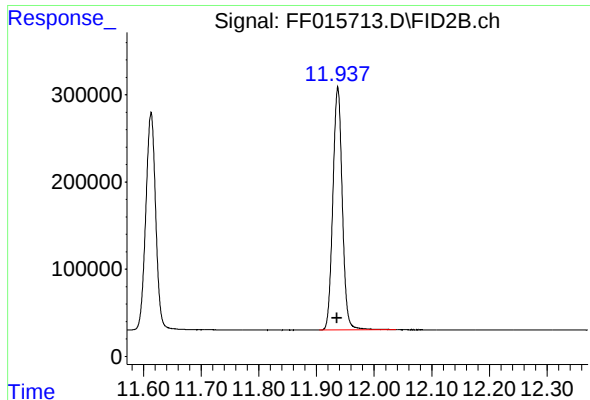
#7 n-Hexadecane (C16)

R.T.: 10.169 min  
Delta R.T.: 0.000 min  
Response: 2873762  
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

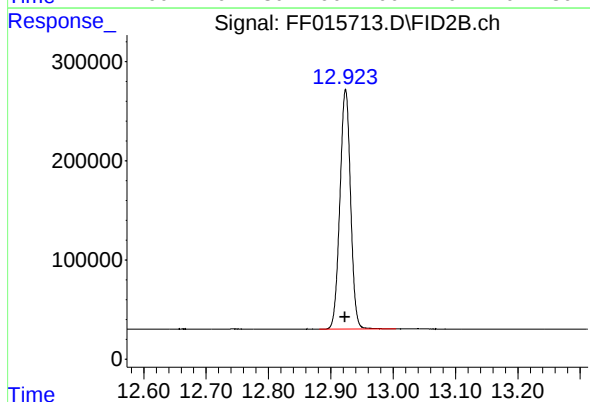
R.T.: 11.613 min  
Delta R.T.: 0.000 min  
Response: 2955641  
Conc: 21.46 ug/ml



#9 ortho-Terphenyl (SURR)

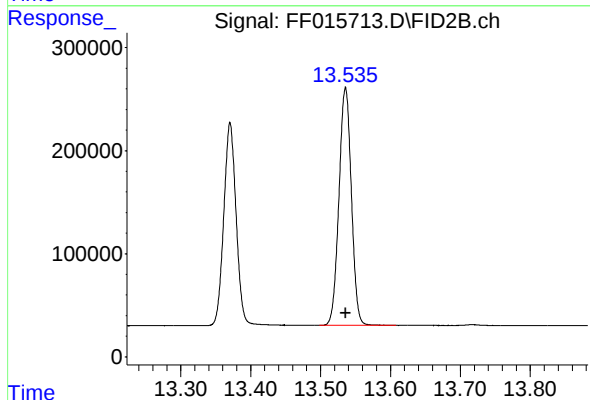
R.T.: 11.937 min  
Delta R.T.: 0.001 min  
Response: 3169548  
Conc: 20.80 ug/ml

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



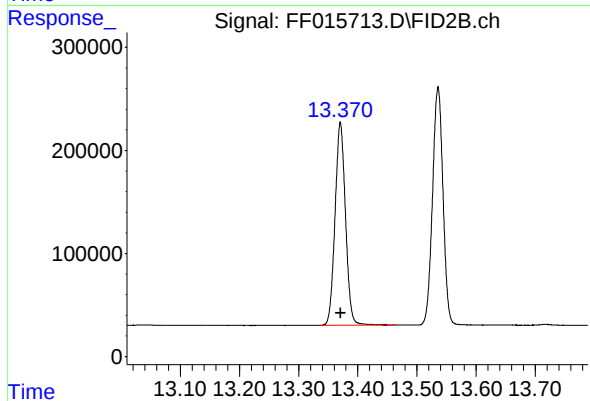
#10 n-Eicosane (C20)

R.T.: 12.924 min  
Delta R.T.: 0.000 min  
Response: 2875173  
Conc: 21.33 ug/ml



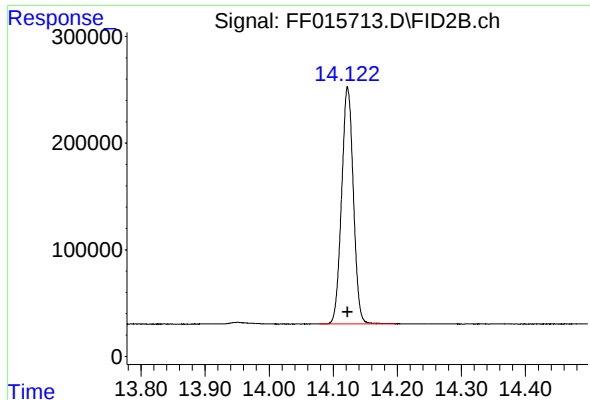
#11 n-Heneicosane (C21)

R.T.: 13.536 min  
Delta R.T.: 0.000 min  
Response: 2840684  
Conc: 21.26 ug/ml



#12 1-chlorooctadecane (SURR)

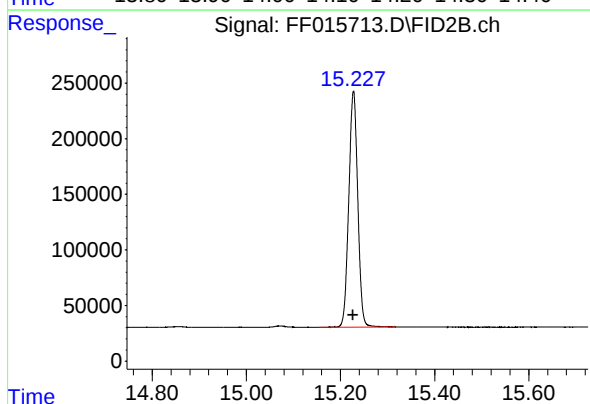
R.T.: 13.371 min  
Delta R.T.: 0.000 min  
Response: 2417766  
Conc: 21.30 ug/ml



#13 n-Docosane (C22)

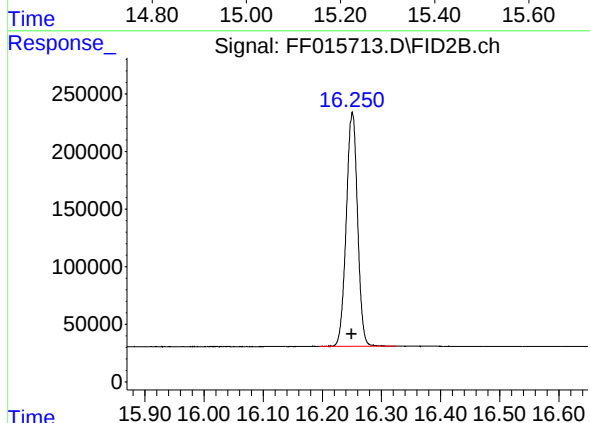
R.T.: 14.123 min  
Delta R.T.: 0.000 min  
Response: 2807928  
Conc: 20.98 ug/ml

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



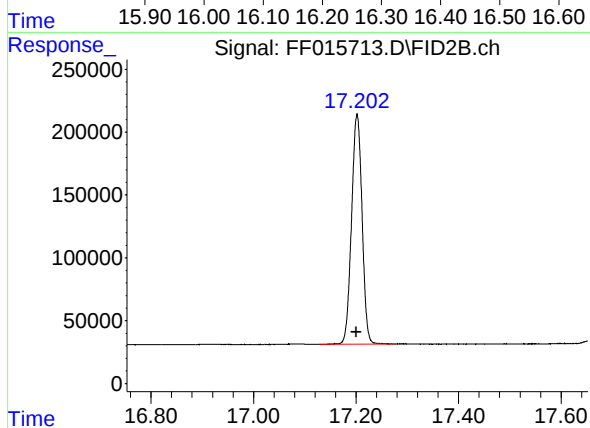
#14 n-Tetracosane (C24)

R.T.: 15.228 min  
Delta R.T.: 0.001 min  
Response: 2807147  
Conc: 20.97 ug/ml



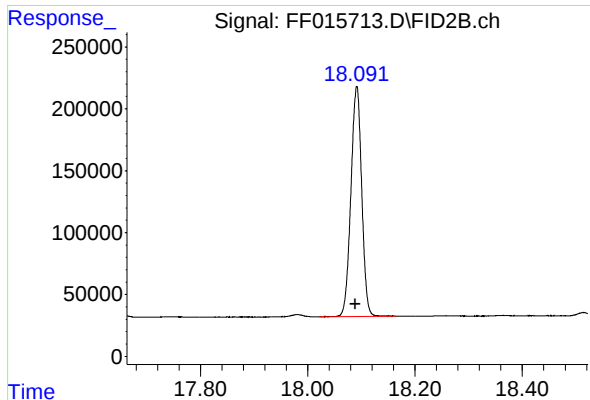
#15 n-Hexacosane (C26)

R.T.: 16.251 min  
Delta R.T.: 0.001 min  
Response: 2692082  
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

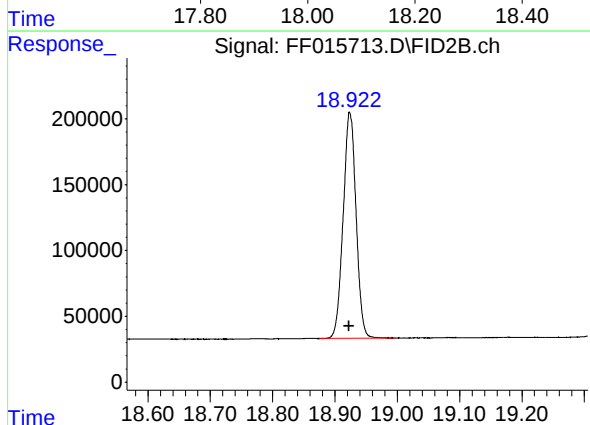
R.T.: 17.202 min  
Delta R.T.: 0.002 min  
Response: 2608593  
Conc: 19.97 ug/ml



#17 n-Tricontane (C30)

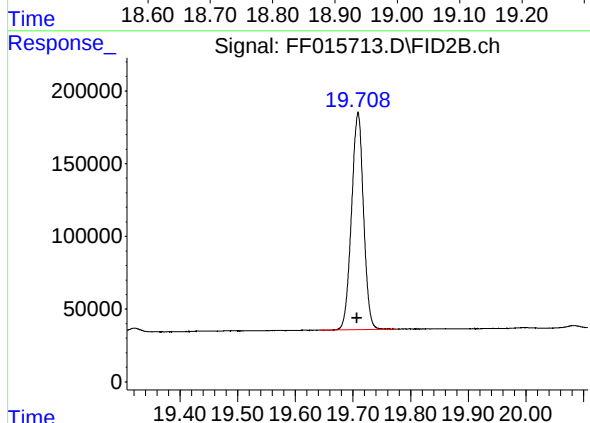
R.T.: 18.091 min  
Delta R.T.: 0.003 min  
Response: 2595887  
Conc: 19.25 ug/ml

Instrument :  
FID\_F  
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20 PPM ALIPHATIC HC STD



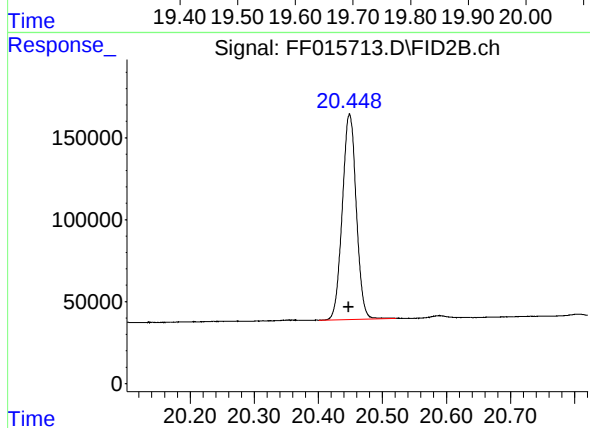
#18 n-Dotriacontane (C32)

R.T.: 18.924 min  
Delta R.T.: 0.002 min  
Response: 2471096  
Conc: 18.95 ug/ml



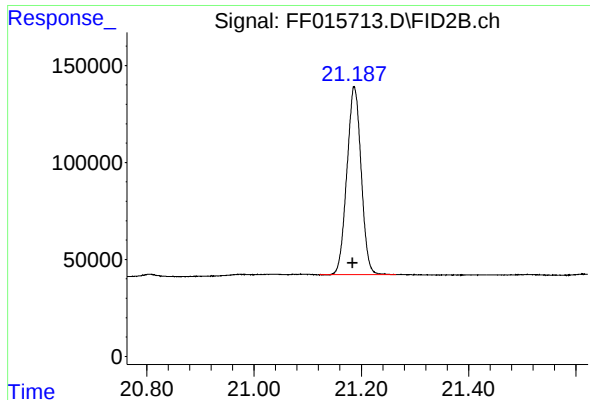
#19 n-Tetatriacontane (C34)

R.T.: 19.709 min  
Delta R.T.: 0.002 min  
Response: 2163453  
Conc: 18.53 ug/ml



#20 n-Hexatriacontane (C36)

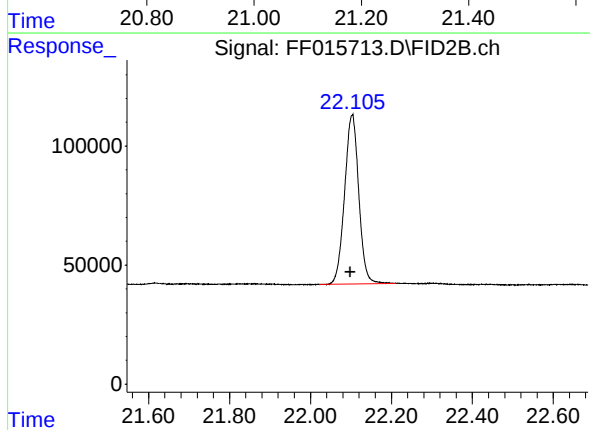
R.T.: 20.449 min  
Delta R.T.: 0.002 min  
Response: 1888439  
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min  
Delta R.T.: 0.003 min  
Response: 1788386  
Conc: 20.47 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.103 min  
Delta R.T.: 0.004 min  
Response: 1727068  
Conc: 21.52 ug/ml