

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100919AL\  
 Data File : FD030936.D  
 Signal(s) : FID2B.CH  
 Acq On : 09 Oct 2019 11:27  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 10 01:11:36 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 26 03:19:09 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.457 | 2761805    | 19.689 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.38%       |
| 12) S 1-chlorooctadecane (S... | 12.885 | 2079912    | 19.170 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.34%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.282  | 2565027    | 21.835 ug/ml |
| 2) T n-Decane (C10)            | 4.338  | 2578608    | 21.963 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.910  | 2801535    | 21.471 ug/ml |
| 4) T n-Dodecane (C12)          | 6.341  | 2618127    | 22.001 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.959  | 2827820    | 21.451 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.125  | 2611423    | 21.671 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.714  | 2604751    | 21.299 ug/ml |
| 8) T n-Octadecane (C18)        | 11.146 | 2568597    | 20.621 ug/ml |
| 10) T n-Eicosane (C20)         | 12.445 | 2510293    | 19.907 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.053 | 2472990    | 19.342 ug/ml |
| 13) T n-Docosane (C22)         | 13.635 | 2446218    | 19.095 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.728 | 2407715    | 18.555 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.741 | 2353395    | 18.123 ug/ml |
| 16) T n-Octacosane (C28)       | 16.683 | 2338448    | 18.062 ug/ml |
| 17) T n-Tricontane (C30)       | 17.562 | 2313453    | 17.807 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.388 | 2216511    | 17.598 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.164 | 2143427    | 17.612 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.897 | 2004815    | 17.381 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.601 | 1940666    | 18.401 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.437 | 2087808    | 19.732 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

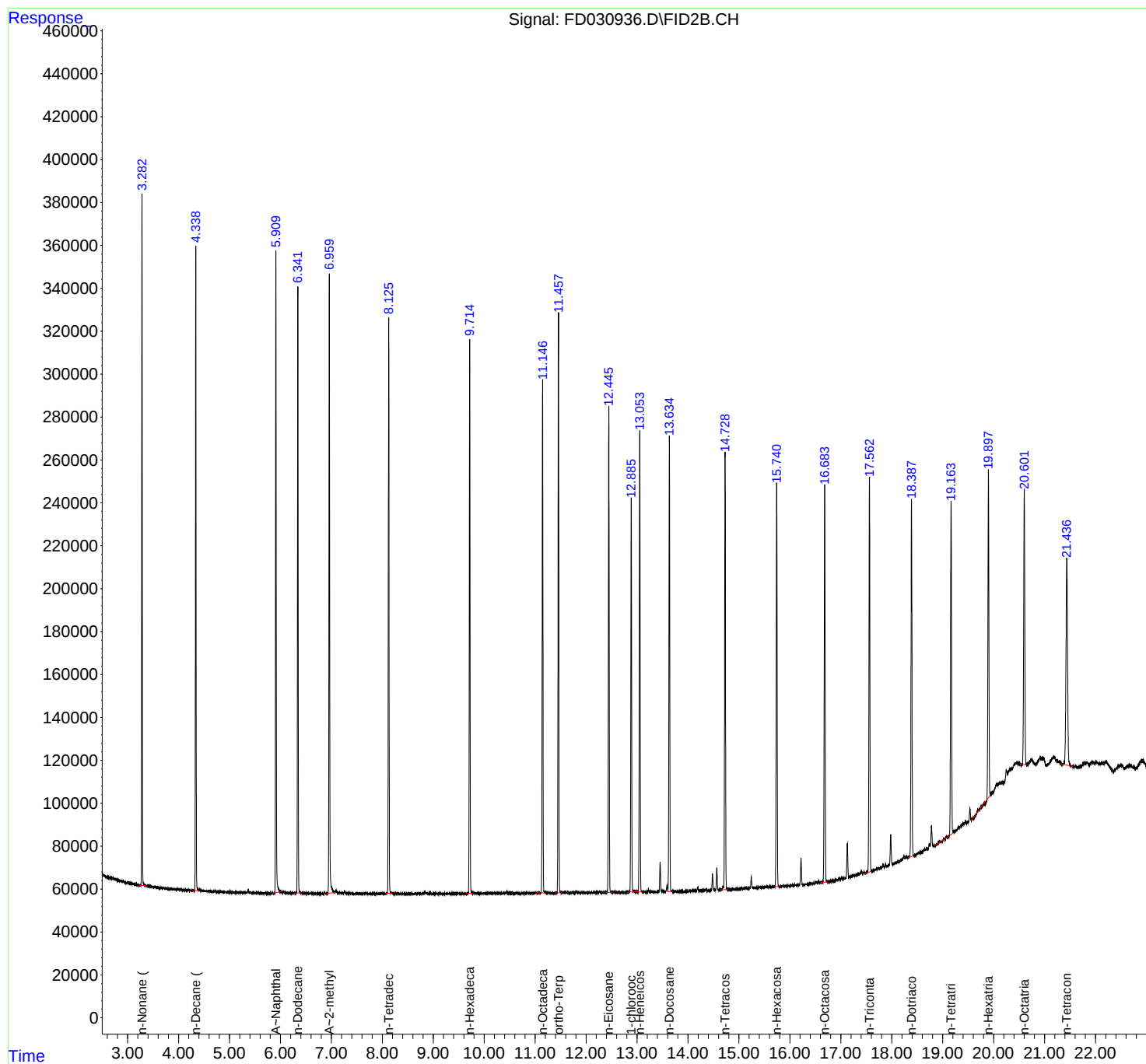
(m)=manual int.

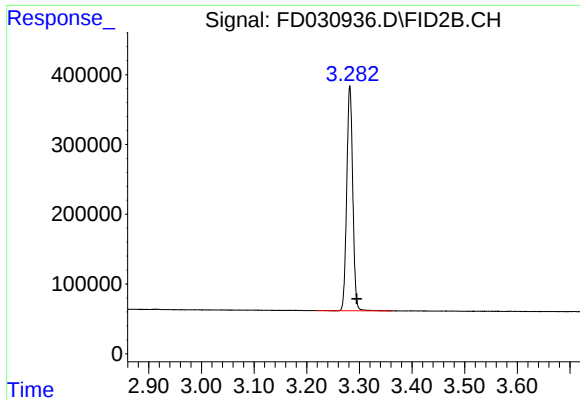
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100919AL\  
Data File : FD030936.D  
Signal(s) : FID2B.CH  
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Misc :  
ALS Vial : 52 Sample Multiplier: 1

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Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um

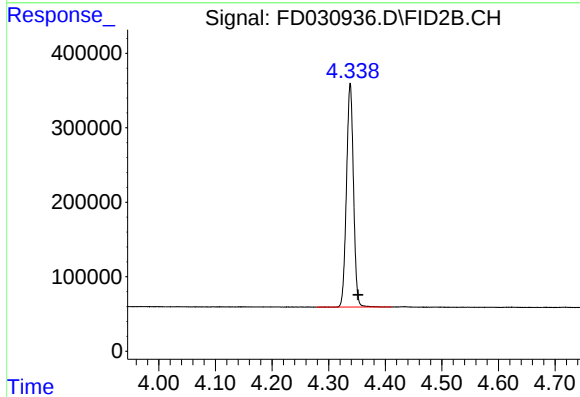




#1 n-Nonane (C9)

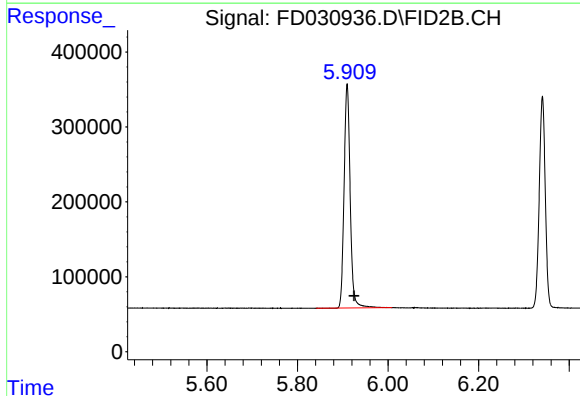
R.T.: 3.282 min  
Delta R.T.: -0.013 min  
Response: 2565027  
Conc: 21.83 ug/ml

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



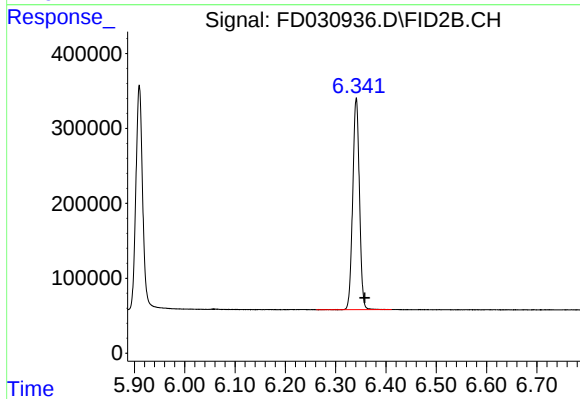
#2 n-Decane (C10)

R.T.: 4.338 min  
Delta R.T.: -0.014 min  
Response: 2578608  
Conc: 21.96 ug/ml



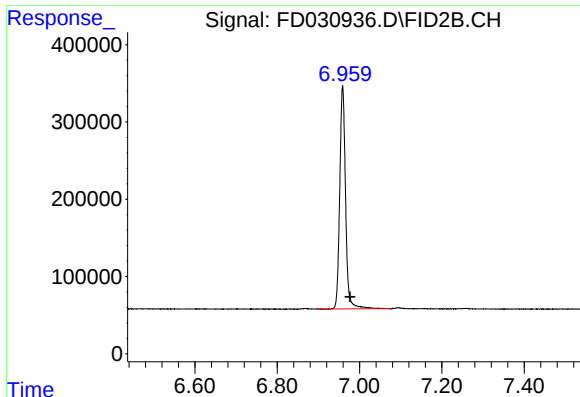
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min  
Delta R.T.: -0.015 min  
Response: 2801535  
Conc: 21.47 ug/ml



#4 n-Dodecane (C12)

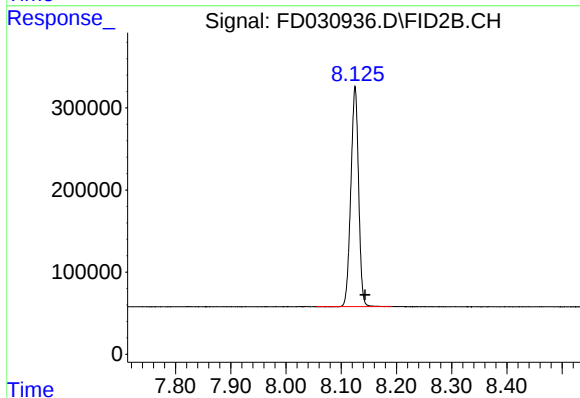
R.T.: 6.341 min  
Delta R.T.: -0.017 min  
Response: 2618127  
Conc: 22.00 ug/ml



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

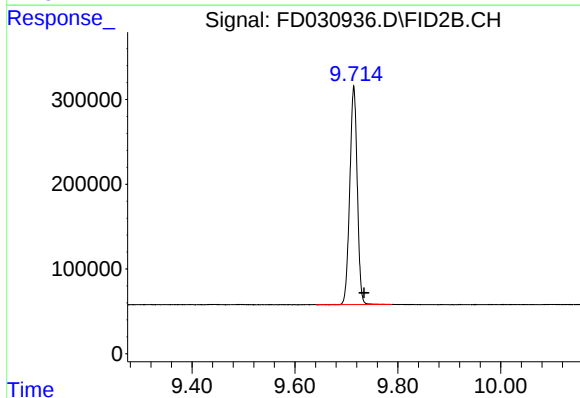
R.T.: 6.959 min  
Delta R.T.: -0.018 min  
Response: 2827820  
Conc: 21.45 ug/ml

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



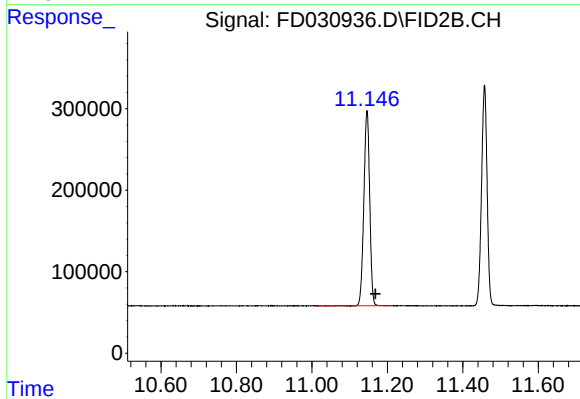
#6 n-Tetradecane (C14)

R.T.: 8.125 min  
Delta R.T.: -0.018 min  
Response: 2611423  
Conc: 21.67 ug/ml



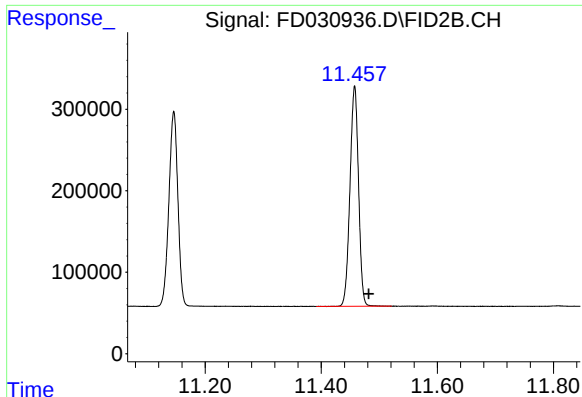
#7 n-Hexadecane (C16)

R.T.: 9.714 min  
Delta R.T.: -0.020 min  
Response: 2604751  
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

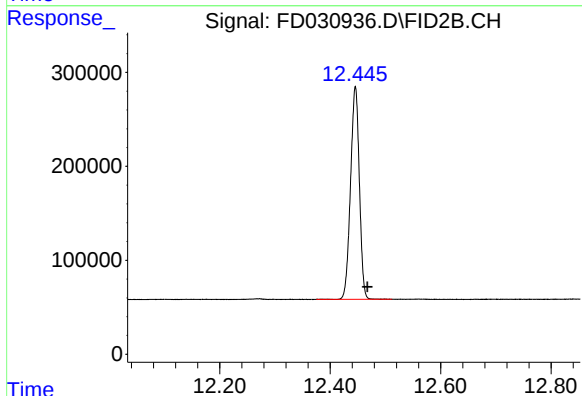
R.T.: 11.146 min  
Delta R.T.: -0.023 min  
Response: 2568597  
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

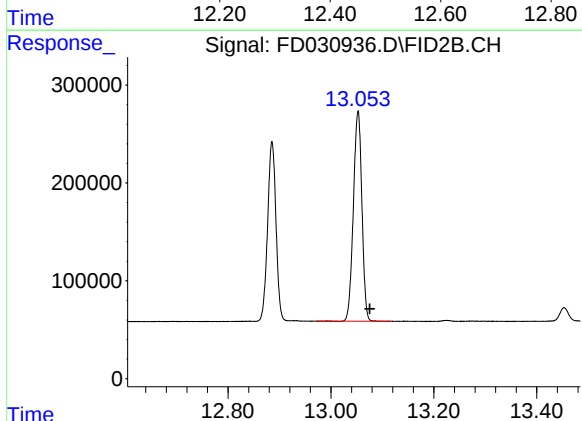
R.T.: 11.457 min  
Delta R.T.: -0.024 min  
Response: 2761805  
Conc: 19.69 ug/ml

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



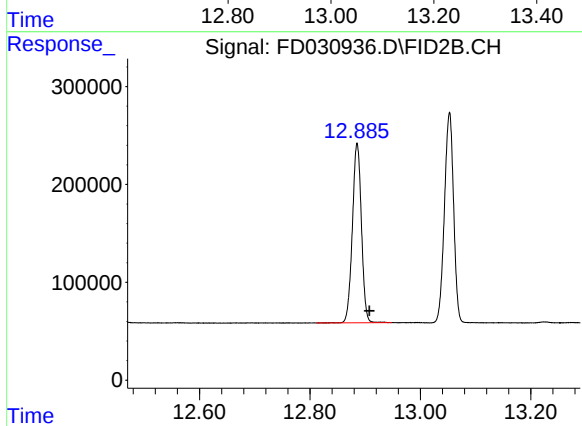
#10 n-Eicosane (C20)

R.T.: 12.445 min  
Delta R.T.: -0.022 min  
Response: 2510293  
Conc: 19.91 ug/ml



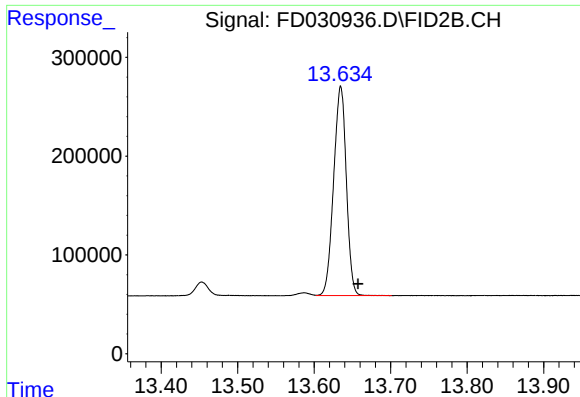
#11 n-Heneicosane (C21)

R.T.: 13.053 min  
Delta R.T.: -0.023 min  
Response: 2472990  
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

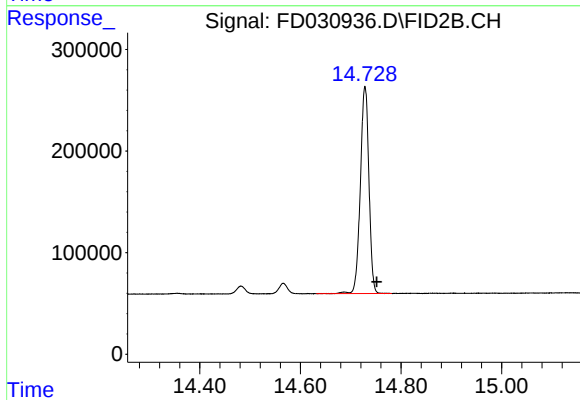
R.T.: 12.885 min  
Delta R.T.: -0.022 min  
Response: 2079912  
Conc: 19.17 ug/ml



#13 n-Docosane (C22)

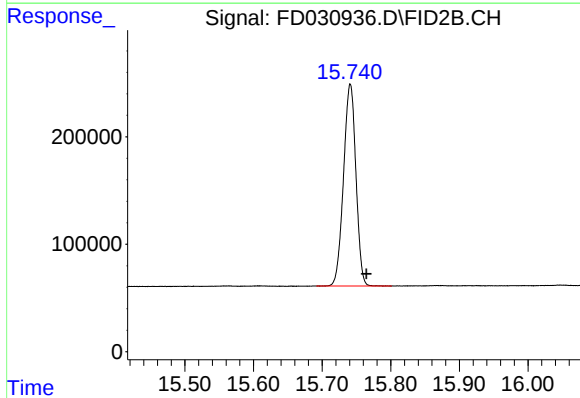
R.T.: 13.635 min  
Delta R.T.: -0.023 min  
Response: 2446218  
Conc: 19.10 ug/ml

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



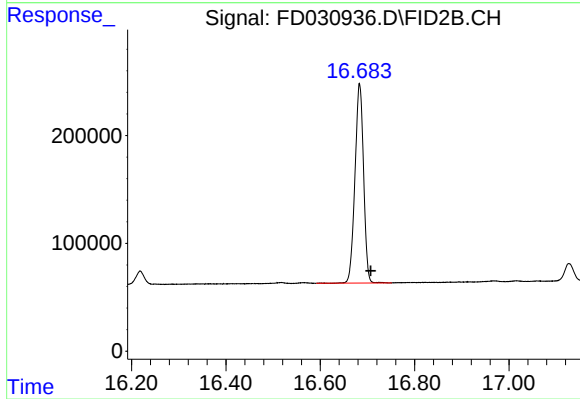
#14 n-Tetracosane (C24)

R.T.: 14.728 min  
Delta R.T.: -0.024 min  
Response: 2407715  
Conc: 18.55 ug/ml



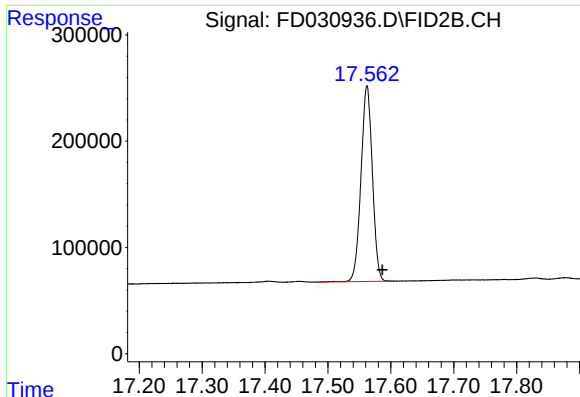
#15 n-Hexacosane (C26)

R.T.: 15.741 min  
Delta R.T.: -0.024 min  
Response: 2353395  
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

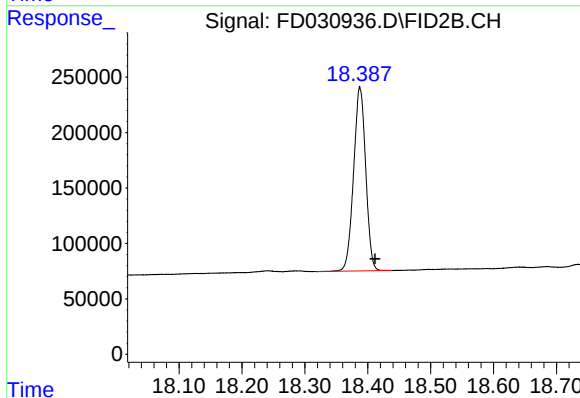
R.T.: 16.683 min  
Delta R.T.: -0.024 min  
Response: 2338448  
Conc: 18.06 ug/ml



#17 n-Tricontane (C30)

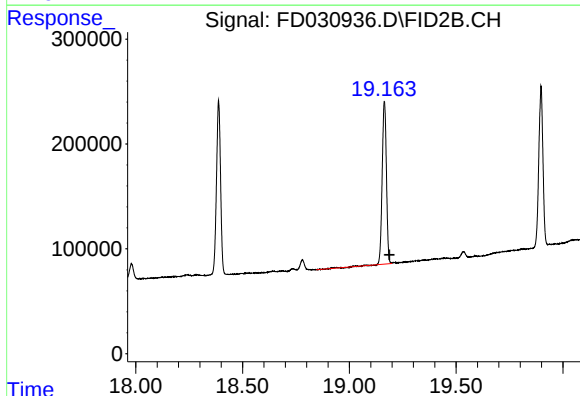
R.T.: 17.562 min  
Delta R.T.: -0.025 min  
Response: 2313453  
Conc: 17.81 ug/ml

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



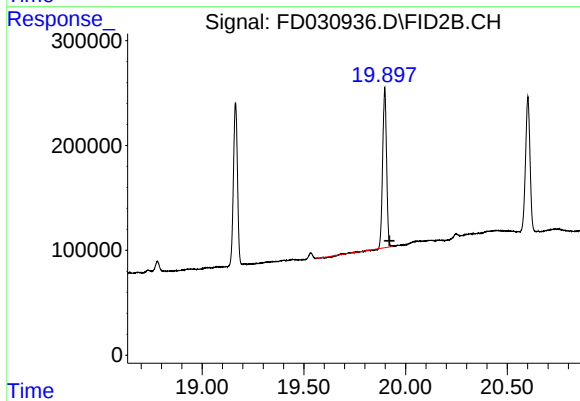
#18 n-Dotriacontane (C32)

R.T.: 18.388 min  
Delta R.T.: -0.024 min  
Response: 2216511  
Conc: 17.60 ug/ml



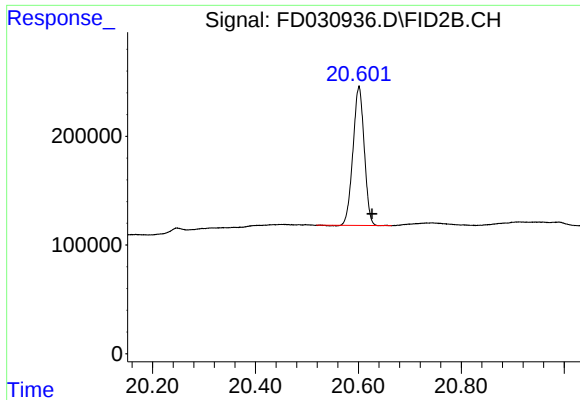
#19 n-Tetratriacontane (C34)

R.T.: 19.164 min  
Delta R.T.: -0.024 min  
Response: 2143427  
Conc: 17.61 ug/ml



#20 n-Hexatriacontane (C36)

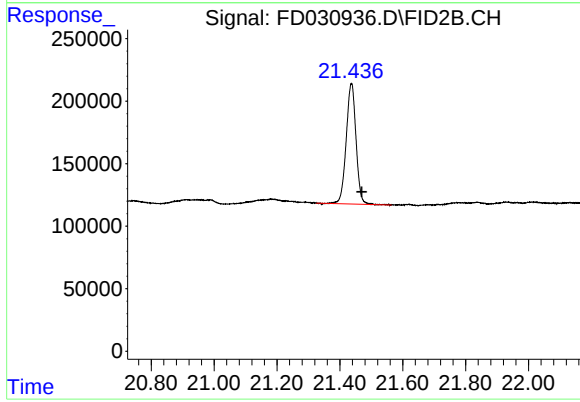
R.T.: 19.897 min  
Delta R.T.: -0.022 min  
Response: 2004815  
Conc: 17.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.601 min  
Delta R.T.: -0.025 min  
Response: 1940666  
Conc: 18.40 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.437 min  
Delta R.T.: -0.033 min  
Response: 2087808  
Conc: 19.73 ug/ml