

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040320AL\  
 Data File : FD032812.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Apr 2020 21:45  
 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: Apr 04 02:28:13 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 030420.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 05 10:06:03 2020  
 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)    | 11.504 | 2792736    | 19.468 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.94%       |
| 12) S 1-chlorooctadecane (S... | 12.934 | 2126376    | 19.036 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.07%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.313  | 2917275    | 22.977 ug/ml |
| 2) T n-Decane (C10)            | 4.372  | 2940708    | 23.091 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.947  | 3130146    | 22.059 ug/ml |
| 4) T n-Dodecane (C12)          | 6.379  | 2947982    | 22.650 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.998  | 3103676    | 21.451 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.164  | 2885227    | 21.922 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.756  | 2799113    | 21.133 ug/ml |
| 8) T n-Octadecane (C18)        | 11.190 | 2701886    | 20.321 ug/ml |
| 10) T n-Eicosane (C20)         | 12.492 | 2593583    | 19.629 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.101 | 2550673    | 19.246 ug/ml |
| 13) T n-Docosane (C22)         | 13.684 | 2498034    | 19.046 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.783 | 2446614    | 18.793 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.798 | 2408103    | 18.904 ug/ml |
| 16) T n-Octacosane (C28)       | 16.742 | 2373445    | 19.189 ug/ml |
| 17) T n-Tricontane (C30)       | 17.626 | 2324322    | 19.744 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.454 | 2019518    | 20.224 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.233 | 1750523    | 20.675 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.969 | 1649813    | 21.214 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.681 | 1596855    | 21.585 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.540 | 1649700    | 20.357 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

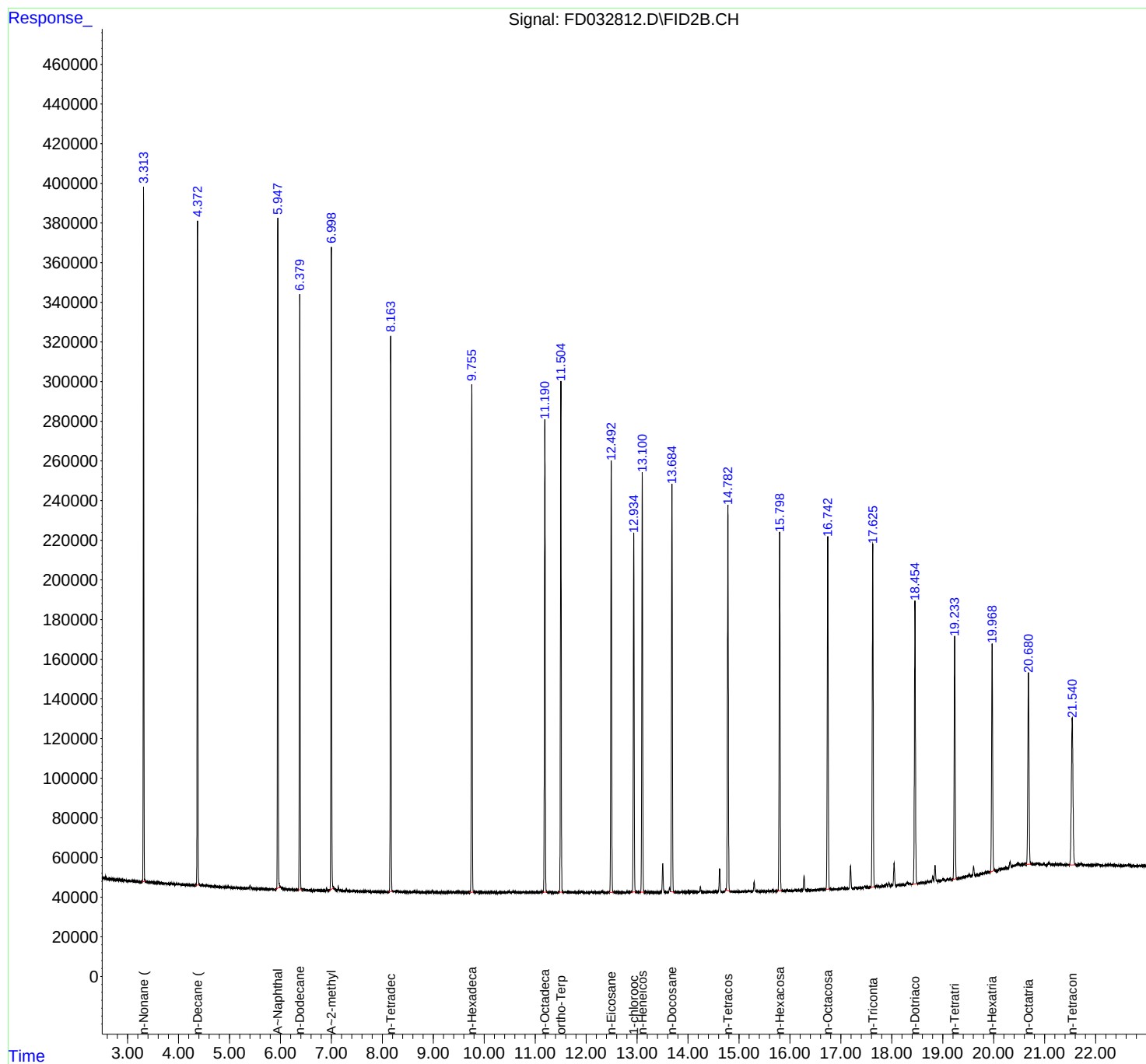
(m)=manual int.

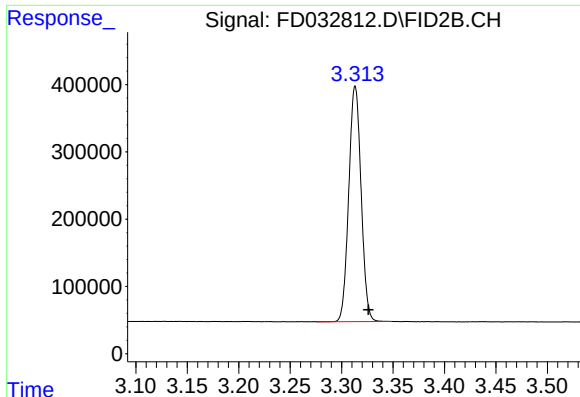
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040320AL\  
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Operator : DD\AJ  
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Misc :  
ALS Vial : 52 Sample Multiplier: 1

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QLast Update : Thu Mar 05 10:06:03 2020  
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

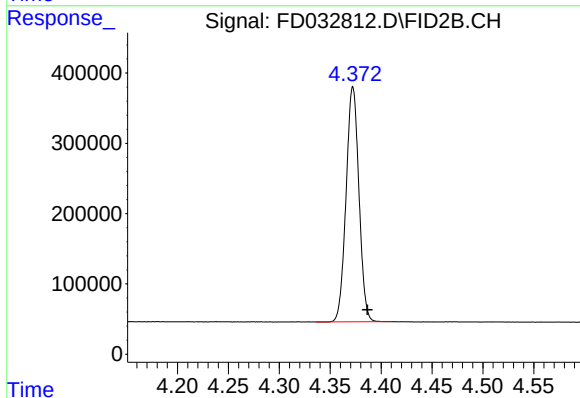




#1 n-Nonane (C9)

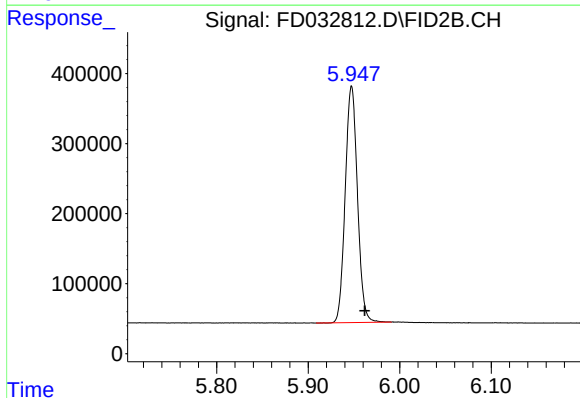
R.T.: 3.313 min  
Delta R.T.: -0.013 min  
Response: 2917275  
Conc: 22.98 ug/ml

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



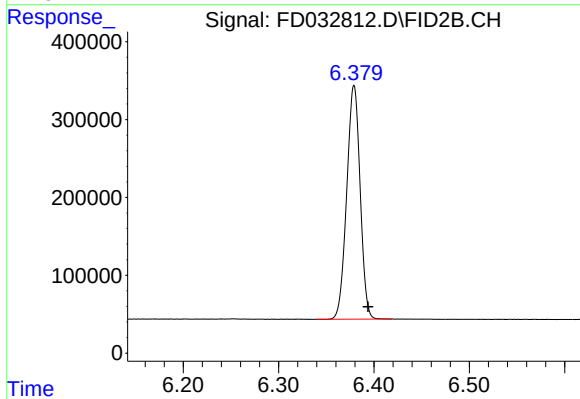
#2 n-Decane (C10)

R.T.: 4.372 min  
Delta R.T.: -0.014 min  
Response: 2940708  
Conc: 23.09 ug/ml



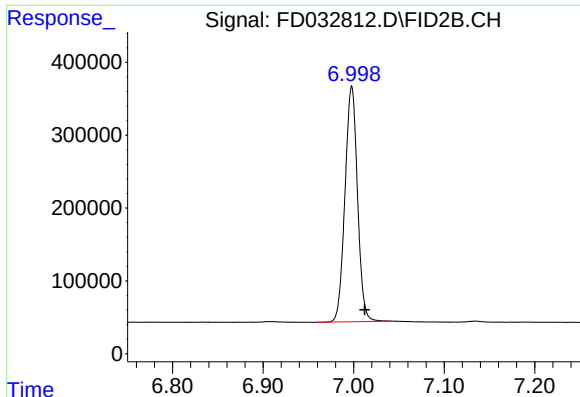
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min  
Delta R.T.: -0.014 min  
Response: 3130146  
Conc: 22.06 ug/ml



#4 n-Dodecane (C12)

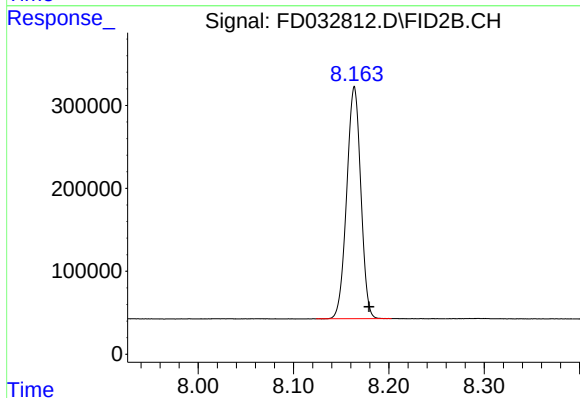
R.T.: 6.379 min  
Delta R.T.: -0.015 min  
Response: 2947982  
Conc: 22.65 ug/ml



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

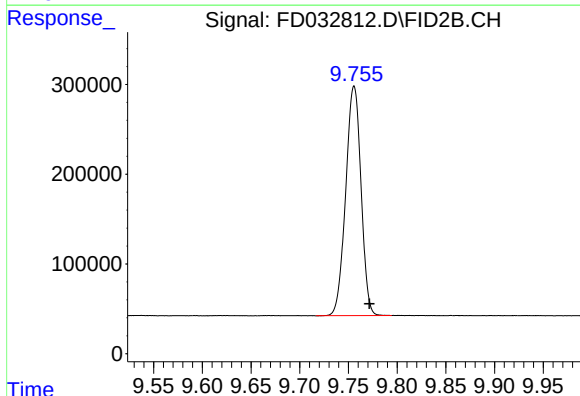
R.T.: 6.998 min  
Delta R.T.: -0.014 min  
Response: 3103676  
Conc: 21.45 ug/ml

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



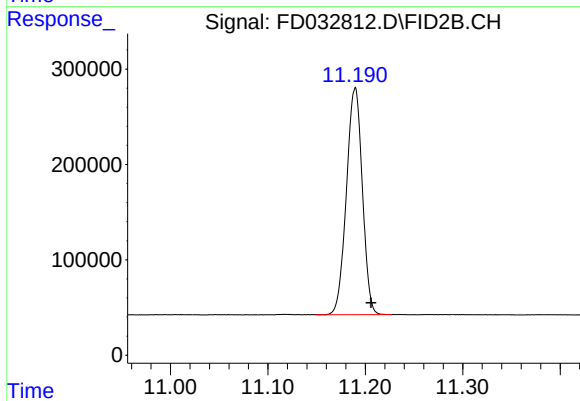
#6 n-Tetradecane (C14)

R.T.: 8.164 min  
Delta R.T.: -0.016 min  
Response: 2885227  
Conc: 21.92 ug/ml



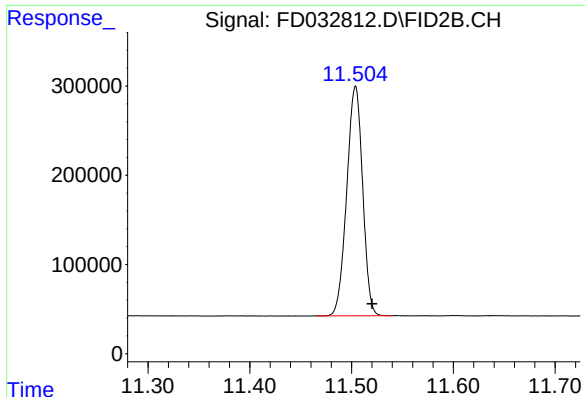
#7 n-Hexadecane (C16)

R.T.: 9.756 min  
Delta R.T.: -0.016 min  
Response: 2799113  
Conc: 21.13 ug/ml



#8 n-Octadecane (C18)

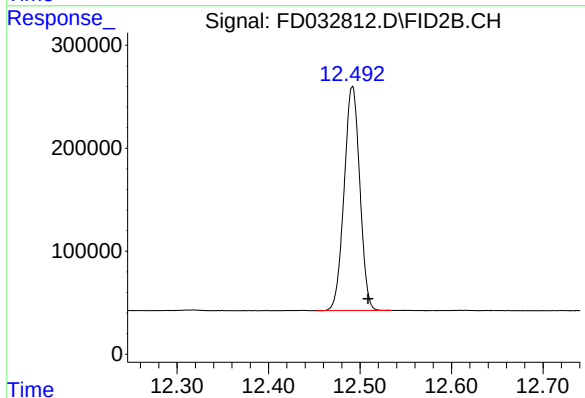
R.T.: 11.190 min  
Delta R.T.: -0.016 min  
Response: 2701886  
Conc: 20.32 ug/ml



#9 ortho-Terphenyl (SURR)

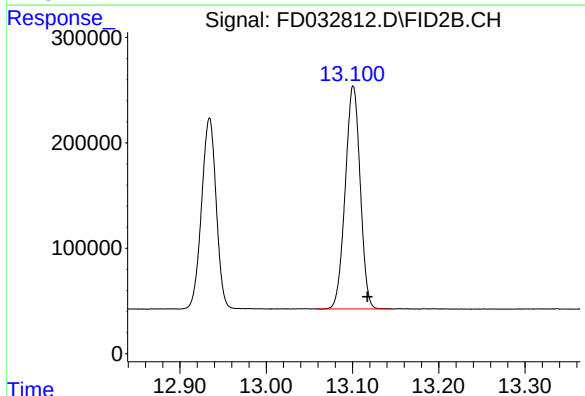
R.T.: 11.504 min  
Delta R.T.: -0.016 min  
Response: 2792736  
Conc: 19.47 ug/ml

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



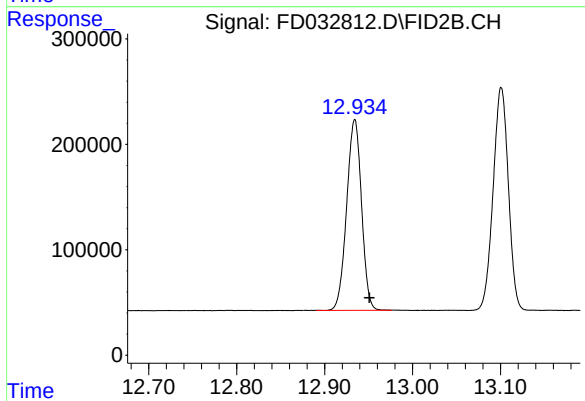
#10 n-Eicosane (C20)

R.T.: 12.492 min  
Delta R.T.: -0.017 min  
Response: 2593583  
Conc: 19.63 ug/ml



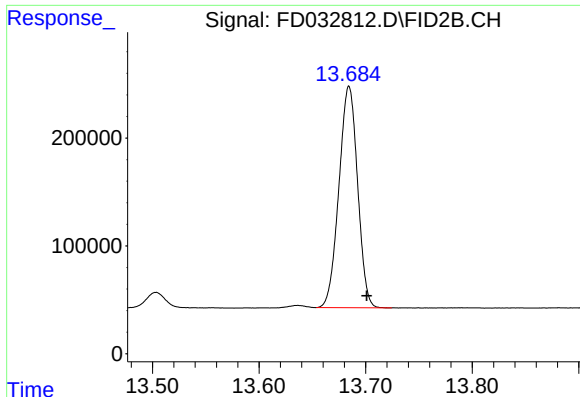
#11 n-Heneicosane (C21)

R.T.: 13.101 min  
Delta R.T.: -0.016 min  
Response: 2550673  
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

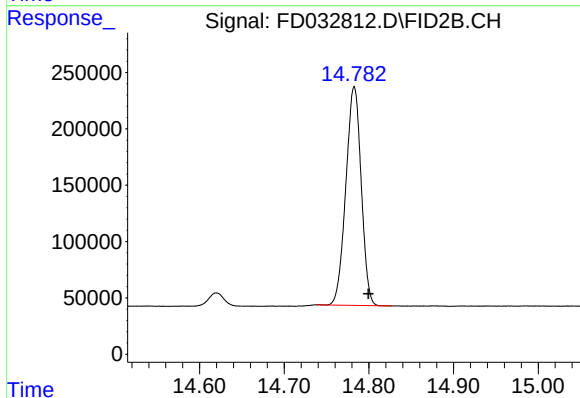
R.T.: 12.934 min  
Delta R.T.: -0.016 min  
Response: 2126376  
Conc: 19.04 ug/ml



#13 n-Docosane (C22)

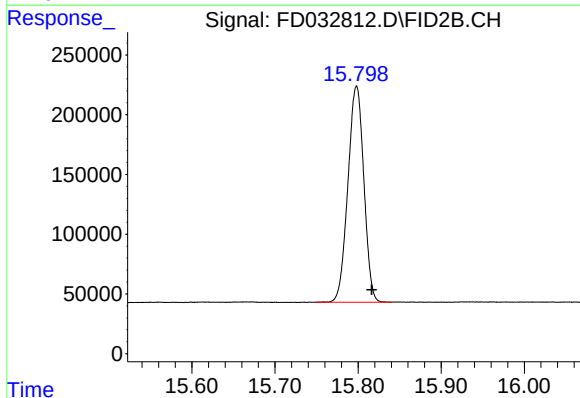
R.T.: 13.684 min  
Delta R.T.: -0.017 min  
Response: 2498034  
Conc: 19.05 ug/ml

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



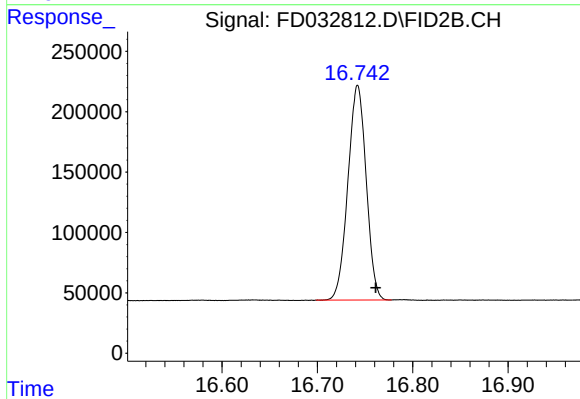
#14 n-Tetracosane (C24)

R.T.: 14.783 min  
Delta R.T.: -0.017 min  
Response: 2446614  
Conc: 18.79 ug/ml



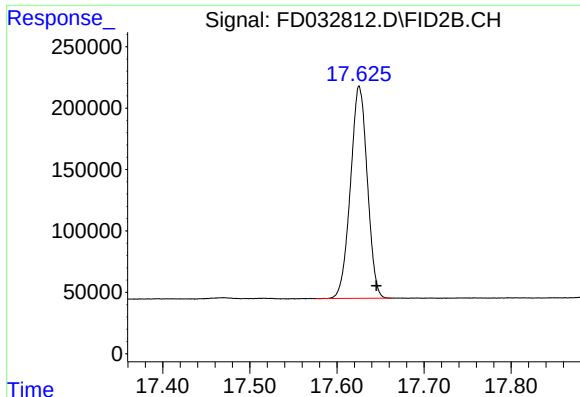
#15 n-Hexacosane (C26)

R.T.: 15.798 min  
Delta R.T.: -0.018 min  
Response: 2408103  
Conc: 18.90 ug/ml



#16 n-Octacosane (C28)

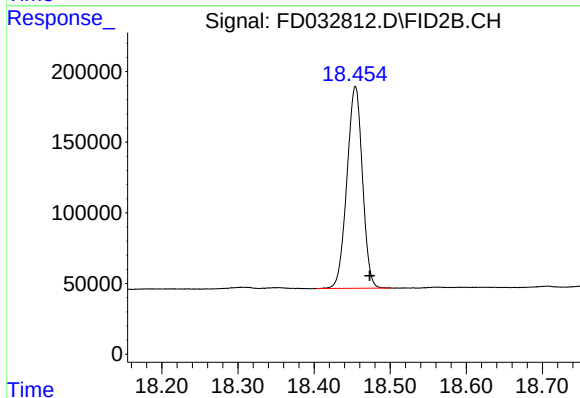
R.T.: 16.742 min  
Delta R.T.: -0.019 min  
Response: 2373445  
Conc: 19.19 ug/ml



#17 n-Tricontane (C30)

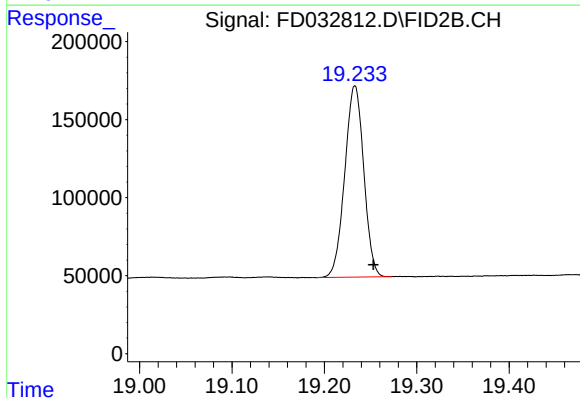
R.T.: 17.626 min  
Delta R.T.: -0.020 min  
Response: 2324322  
Conc: 19.74 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD



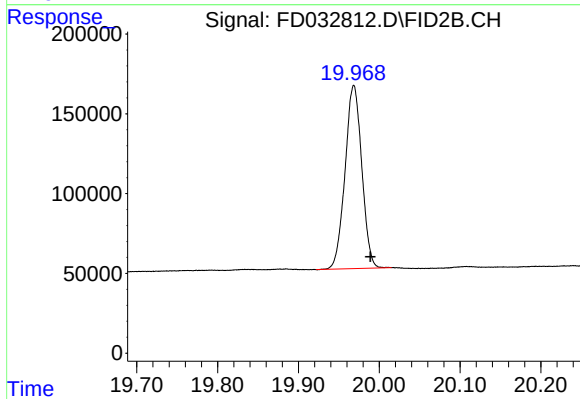
#18 n-Dotriacontane (C32)

R.T.: 18.454 min  
Delta R.T.: -0.019 min  
Response: 2019518  
Conc: 20.22 ug/ml



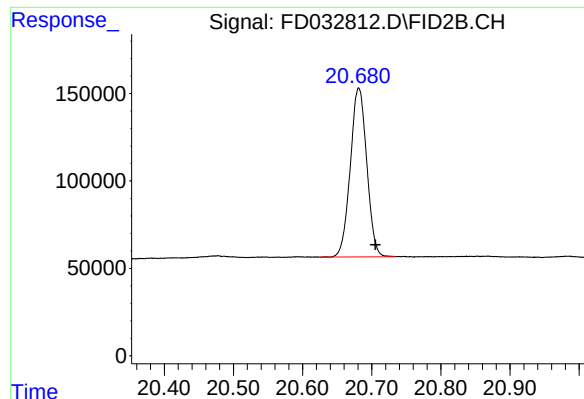
#19 n-Tetratriacontane (C34)

R.T.: 19.233 min  
Delta R.T.: -0.020 min  
Response: 1750523  
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

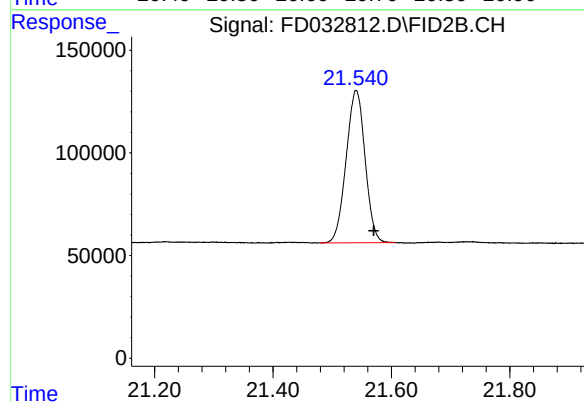
R.T.: 19.969 min  
Delta R.T.: -0.021 min  
Response: 1649813  
Conc: 21.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.681 min  
Delta R.T.: -0.024 min  
Response: 1596855  
Conc: 21.58 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.540 min  
Delta R.T.: -0.030 min  
Response: 1649700  
Conc: 20.36 ug/ml