

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040220AL\  
 Data File : FD032773.D  
 Signal(s) : FID2B.CH  
 Acq On : 02 Apr 2020 14:02  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 03 02:35:33 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)    | 11.502 | 2558136    | 17.833 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.67%       |
| 12) S 1-chlorooctadecane (S... | 12.933 | 1940472    | 17.372 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.74%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.308  | 2661052    | 20.959 ug/ml |
| 2) T n-Decane (C10)            | 4.367  | 2666122    | 20.935 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.942  | 2852859    | 20.104 ug/ml |
| 4) T n-Dodecane (C12)          | 6.374  | 2677422    | 20.571 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.993  | 2827333    | 19.541 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.161  | 2626827    | 19.959 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.754  | 2550229    | 19.254 ug/ml |
| 8) T n-Octadecane (C18)        | 11.188 | 2465421    | 18.542 ug/ml |
| 10) T n-Eicosane (C20)         | 12.491 | 2364849    | 17.897 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.100 | 2337521    | 17.638 ug/ml |
| 13) T n-Docosane (C22)         | 13.684 | 2273106    | 17.331 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.781 | 2212006    | 16.991 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.798 | 2140174    | 16.801 ug/ml |
| 16) T n-Octacosane (C28)       | 16.743 | 2091895    | 16.913 ug/ml |
| 17) T n-Tricontane (C30)       | 17.626 | 2018199    | 17.144 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.454 | 1773668    | 17.762 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.235 | 1540882    | 18.199 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.970 | 1501980    | 19.313 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.683 | 1442530    | 19.499 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.542 | 1546221    | 19.080 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

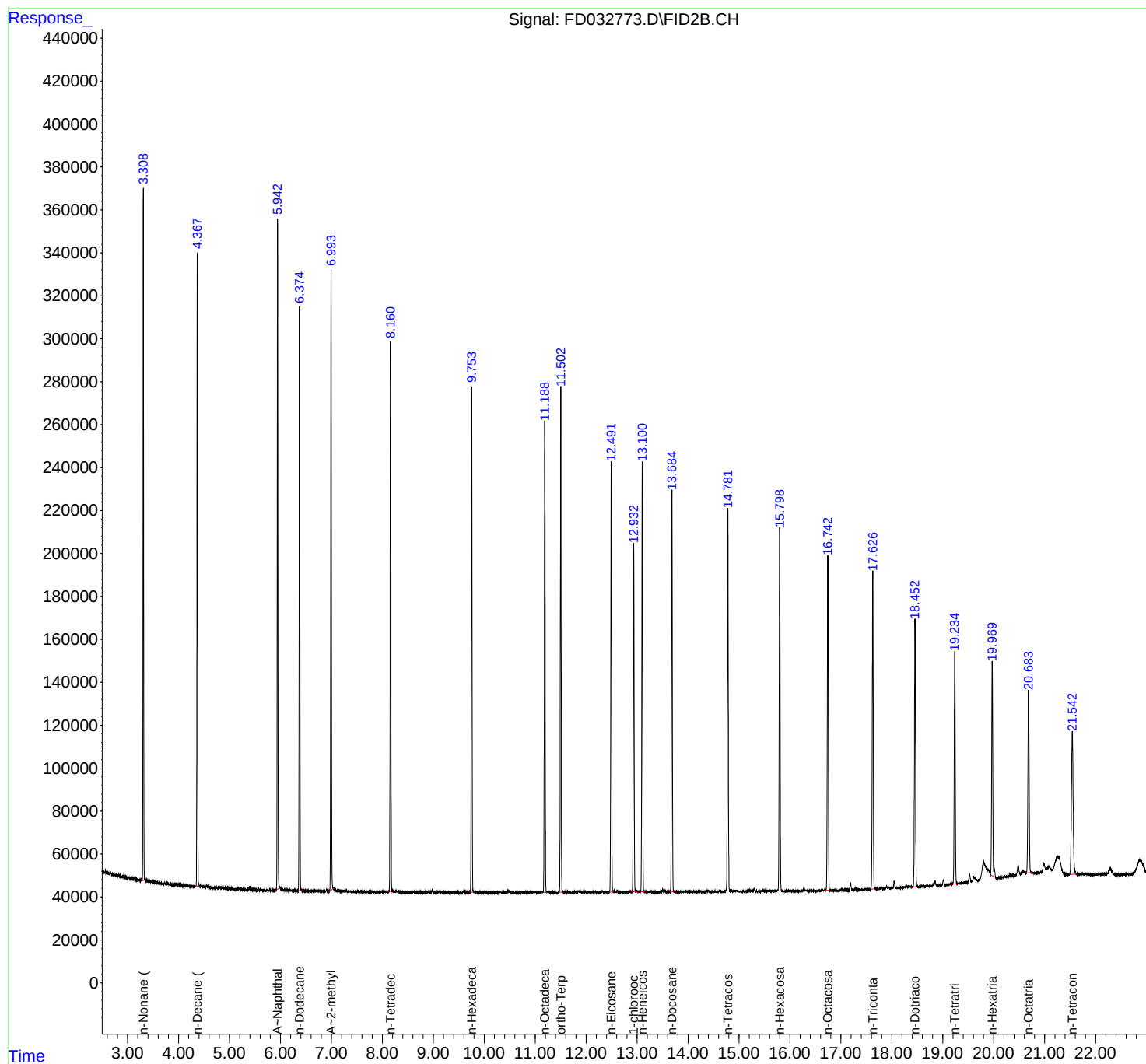
(m)=manual int.

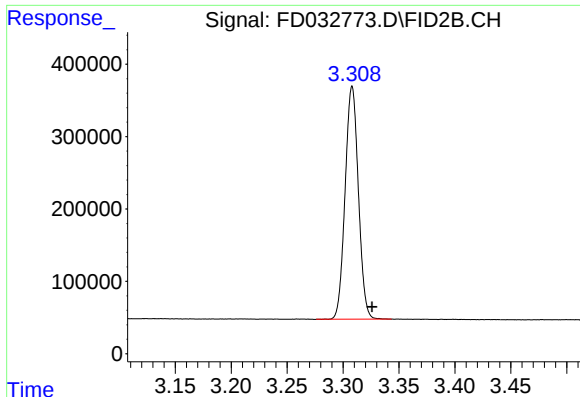
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040220AL\  
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Acq On : 02 Apr 2020 14:02  
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Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
FID\_D  
ClientSampled :

Integration File: autoint1.e  
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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

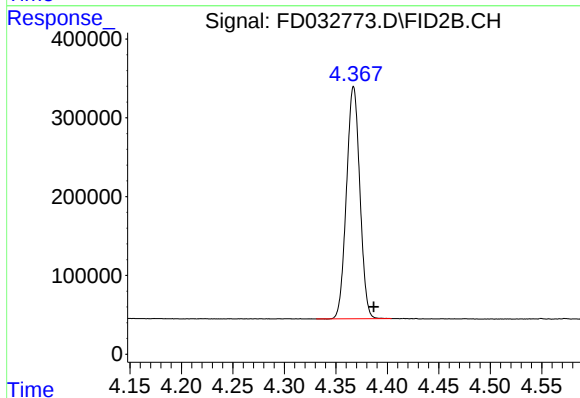




#1 n-Nonane (C9)

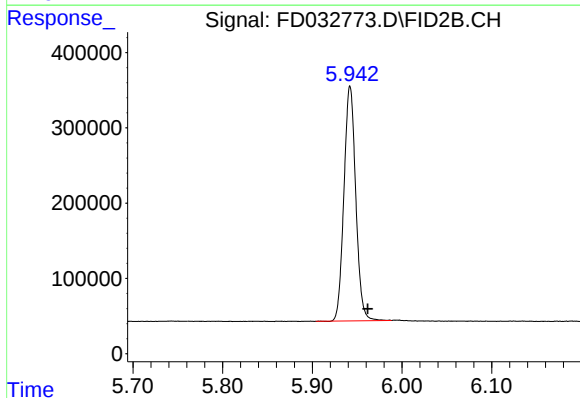
R.T.: 3.308 min  
Delta R.T.: -0.018 min  
Response: 2661052  
Conc: 20.96 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



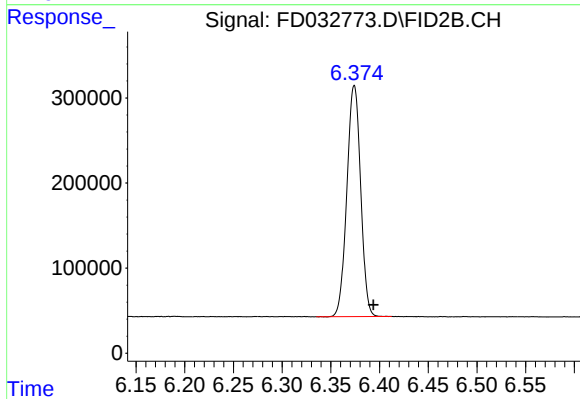
#2 n-Decane (C10)

R.T.: 4.367 min  
Delta R.T.: -0.019 min  
Response: 2666122  
Conc: 20.93 ug/ml



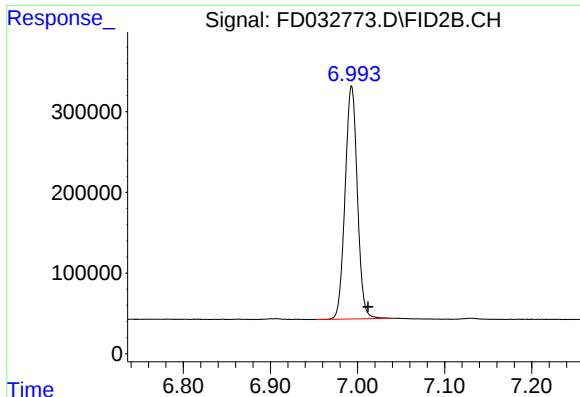
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min  
Delta R.T.: -0.020 min  
Response: 2852859  
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

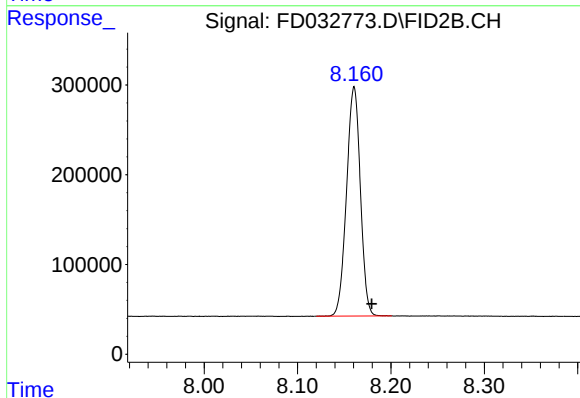
R.T.: 6.374 min  
Delta R.T.: -0.020 min  
Response: 2677422  
Conc: 20.57 ug/ml



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

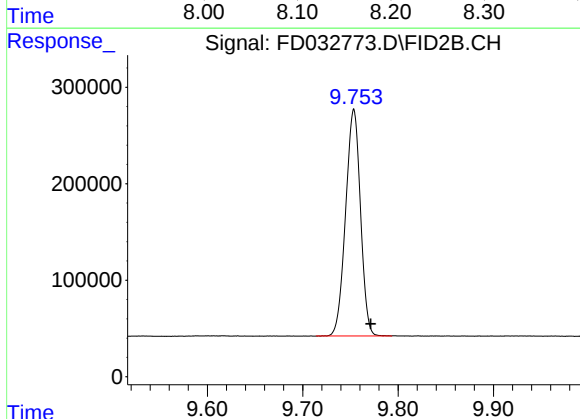
R.T.: 6.993 min  
Delta R.T.: -0.019 min  
Response: 2827333  
Conc: 19.54 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



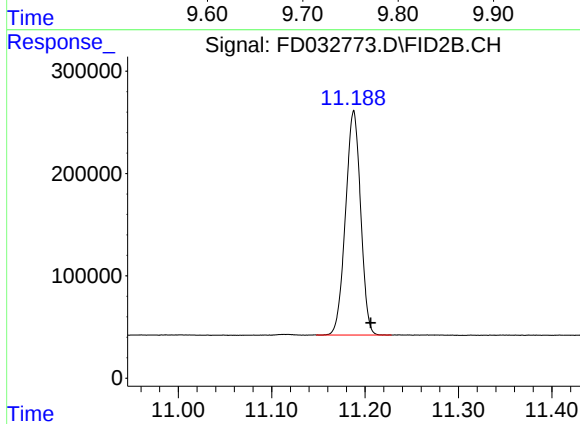
#6 n-Tetradecane (C14)

R.T.: 8.161 min  
Delta R.T.: -0.019 min  
Response: 2626827  
Conc: 19.96 ug/ml



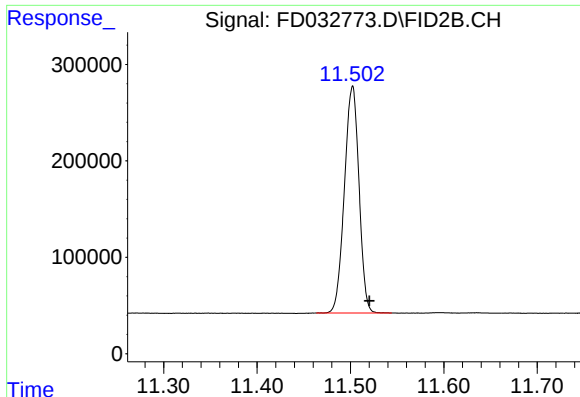
#7 n-Hexadecane (C16)

R.T.: 9.754 min  
Delta R.T.: -0.018 min  
Response: 2550229  
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

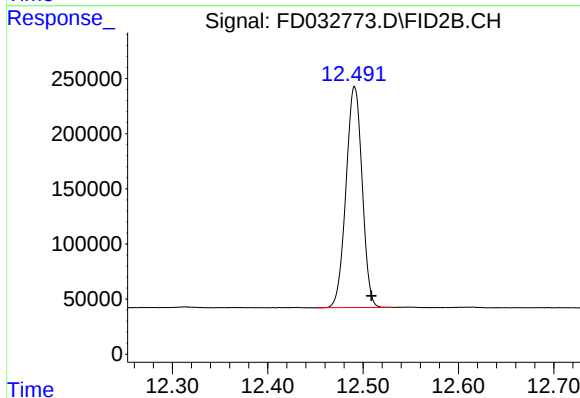
R.T.: 11.188 min  
Delta R.T.: -0.018 min  
Response: 2465421  
Conc: 18.54 ug/ml



#9 ortho-Terphenyl (SURR)

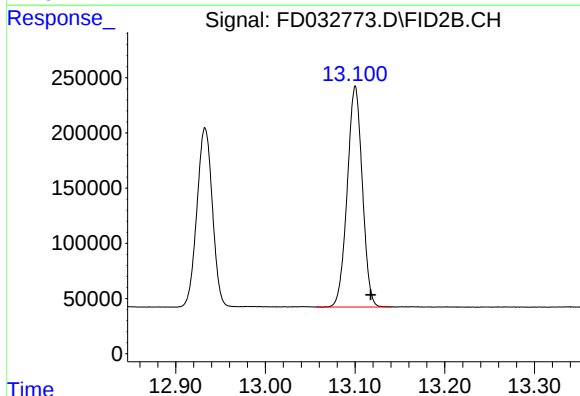
R.T.: 11.502 min  
Delta R.T.: -0.018 min  
Response: 2558136  
Conc: 17.83 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



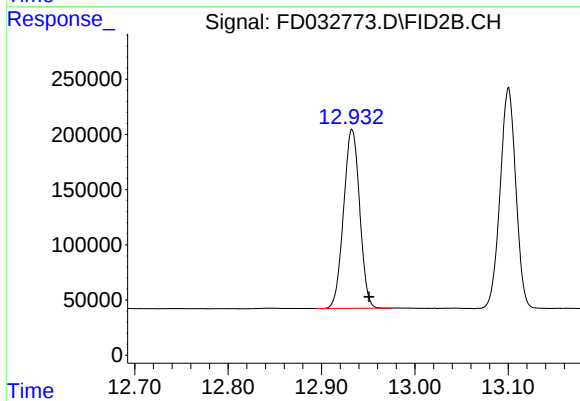
#10 n-Eicosane (C20)

R.T.: 12.491 min  
Delta R.T.: -0.018 min  
Response: 2364849  
Conc: 17.90 ug/ml



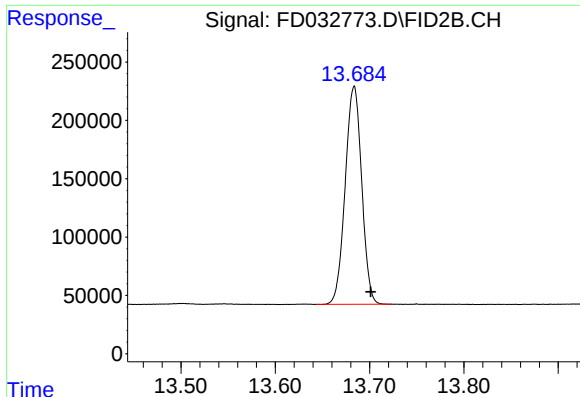
#11 n-Heneicosane (C21)

R.T.: 13.100 min  
Delta R.T.: -0.017 min  
Response: 2337521  
Conc: 17.64 ug/ml



#12 1-chlorooctadecane (SURR)

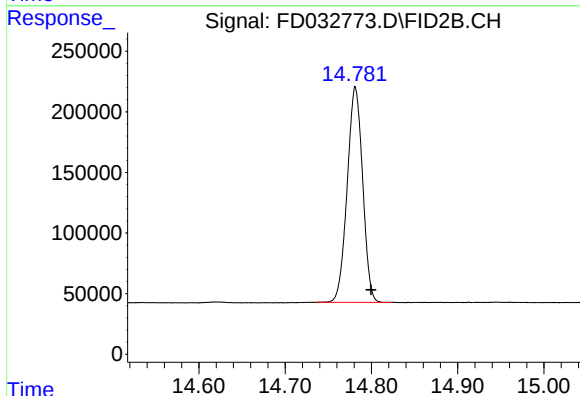
R.T.: 12.933 min  
Delta R.T.: -0.018 min  
Response: 1940472  
Conc: 17.37 ug/ml



#13 n-Docosane (C22)

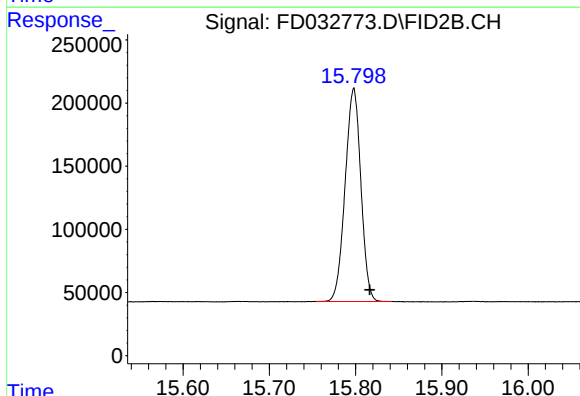
R.T.: 13.684 min  
Delta R.T.: -0.018 min  
Response: 2273106  
Conc: 17.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



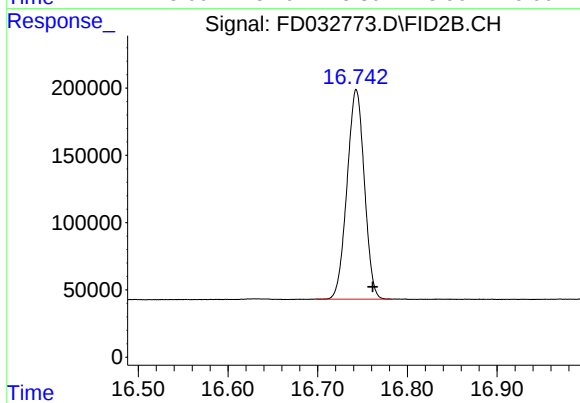
#14 n-Tetracosane (C24)

R.T.: 14.781 min  
Delta R.T.: -0.018 min  
Response: 2212006  
Conc: 16.99 ug/ml



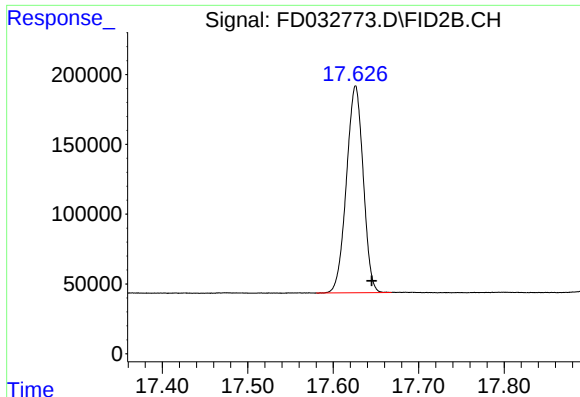
#15 n-Hexacosane (C26)

R.T.: 15.798 min  
Delta R.T.: -0.018 min  
Response: 2140174  
Conc: 16.80 ug/ml



#16 n-Octacosane (C28)

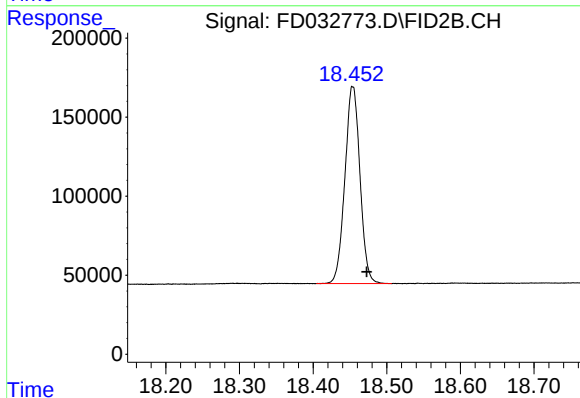
R.T.: 16.743 min  
Delta R.T.: -0.018 min  
Response: 2091895  
Conc: 16.91 ug/ml



#17 n-Tricontane (C30)

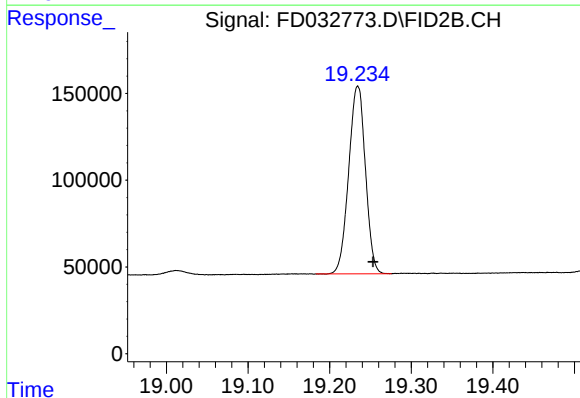
R.T.: 17.626 min  
Delta R.T.: -0.019 min  
Response: 2018199  
Conc: 17.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



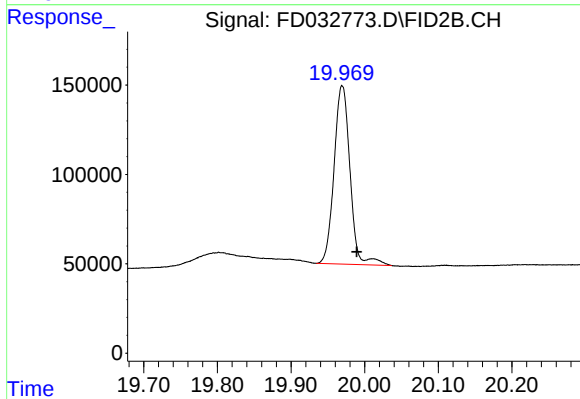
#18 n-Dotriacontane (C32)

R.T.: 18.454 min  
Delta R.T.: -0.019 min  
Response: 1773668  
Conc: 17.76 ug/ml



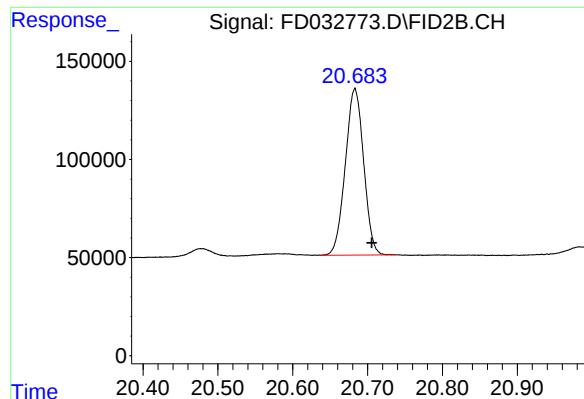
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min  
Delta R.T.: -0.019 min  
Response: 1540882  
Conc: 18.20 ug/ml



#20 n-Hexatriacontane (C36)

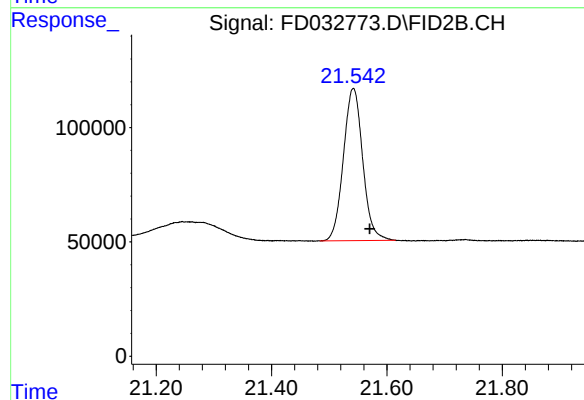
R.T.: 19.970 min  
Delta R.T.: -0.020 min  
Response: 1501980  
Conc: 19.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.683 min  
Delta R.T.: -0.022 min  
Response: 1442530  
Conc: 19.50 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.542 min  
Delta R.T.: -0.028 min  
Response: 1546221  
Conc: 19.08 ug/ml