

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042423AL\  
 Data File : FC063462.D  
 Signal(s) : FID1A.ch  
 Acq On : 24 Apr 2023 14:49  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 25 02:47:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040523.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 05 07:22:46 2023  
 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)    | 11.538 | 2982222    | 19.601 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.20%       |
| 12) S 1-chlorooctadecane (S... | 12.975 | 2228044    | 20.137 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.27%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.304  | 2777594    | 19.784 ug/ml |
| 2) T n-Decane (C10)            | 4.370  | 2738542    | 20.096 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.955  | 2973459    | 19.692 ug/ml |
| 4) T n-Dodecane (C12)          | 6.389  | 2724973    | 20.256 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.012  | 2759230    | 19.810 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.184  | 2663173    | 19.672 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.783  | 2689457    | 19.805 ug/ml |
| 8) T n-Octadecane (C18)        | 11.224 | 2702470    | 19.511 ug/ml |
| 10) T n-Eicosane (C20)         | 12.532 | 2629259    | 19.570 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.142 | 2633297    | 19.566 ug/ml |
| 13) T n-Docosane (C22)         | 13.727 | 2614260    | 19.604 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.828 | 2683755    | 19.960 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.847 | 2640119    | 19.724 ug/ml |
| 16) T n-Octacosane (C28)       | 16.793 | 2702859    | 19.962 ug/ml |
| 17) T n-Tricontane (C30)       | 17.680 | 2858210    | 20.662 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.510 | 2956475    | 20.941 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.290 | 2862152    | 20.740 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.030 | 2695062    | 21.085 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.758 | 2619437    | 21.273 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.656 | 2590270    | 22.011 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

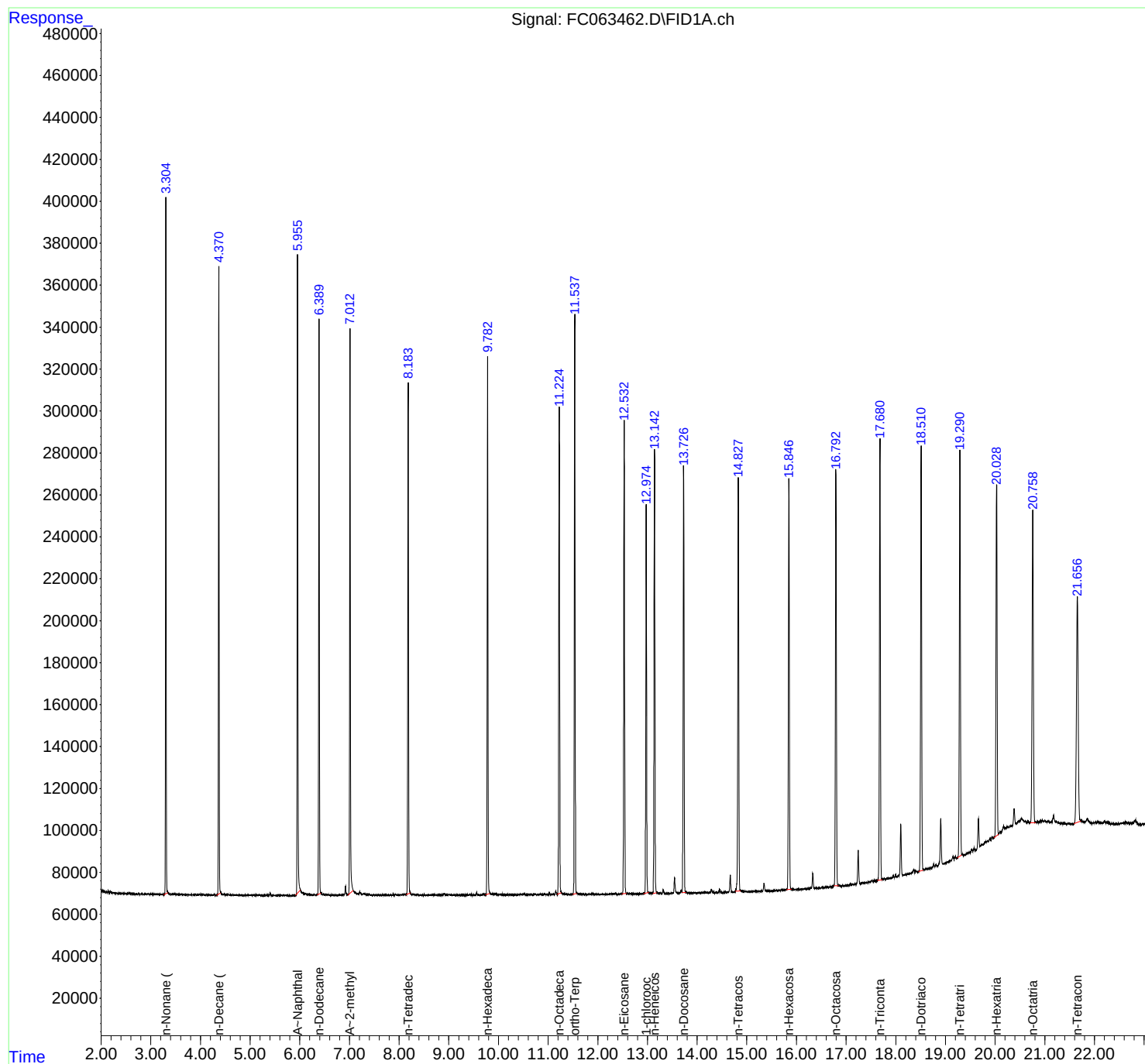
(m)=manual int.

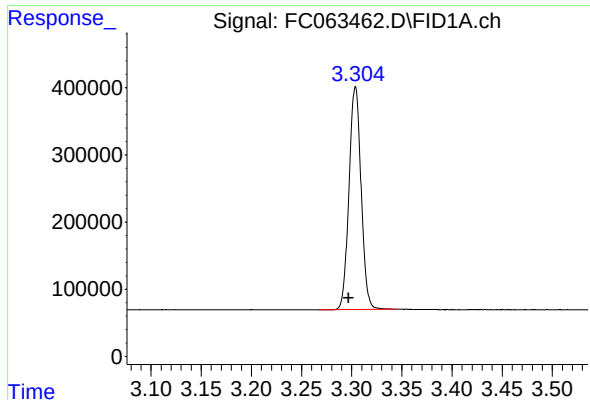
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042423AL\  
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Signal(s) : FID1A.ch  
Acq On : 24 Apr 2023 14:49  
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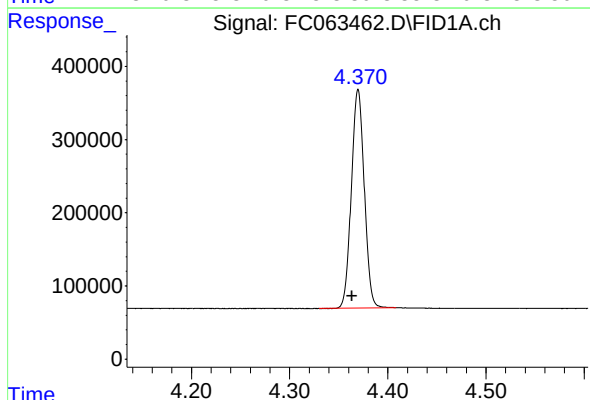




#1 n-Nonane (C9)

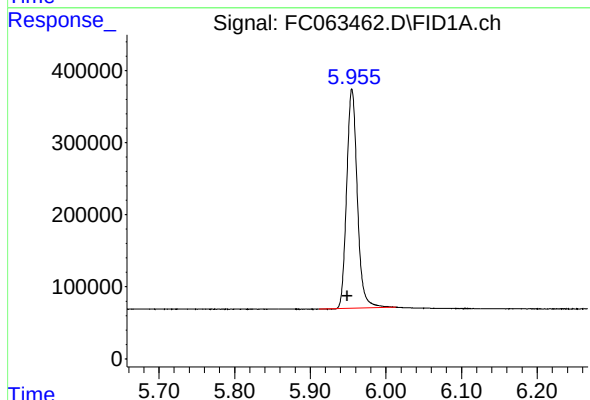
R.T.: 3.304 min  
Delta R.T.: 0.007 min  
Response: 2777594  
Conc: 19.78 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



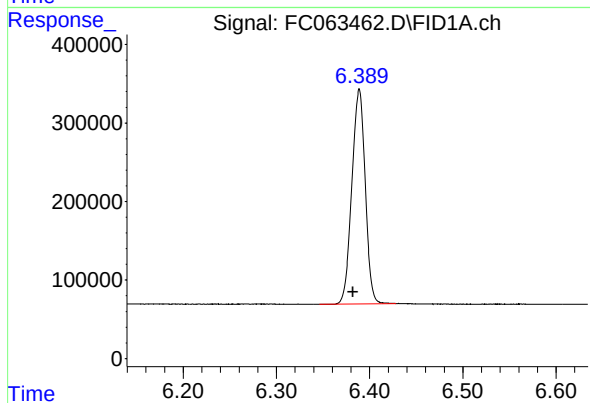
#2 n-Decane (C10)

R.T.: 4.370 min  
Delta R.T.: 0.006 min  
Response: 2738542  
Conc: 20.10 ug/ml



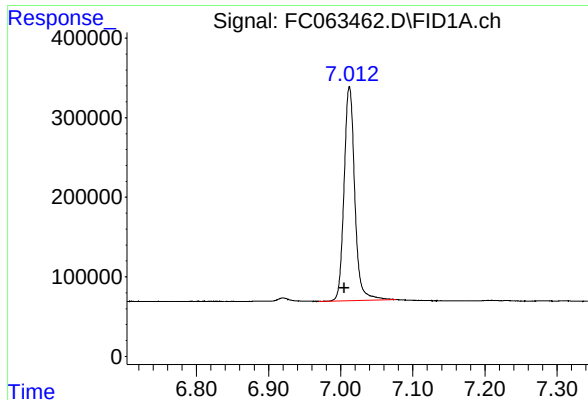
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min  
Delta R.T.: 0.006 min  
Response: 2973459  
Conc: 19.69 ug/ml



#4 n-Dodecane (C12)

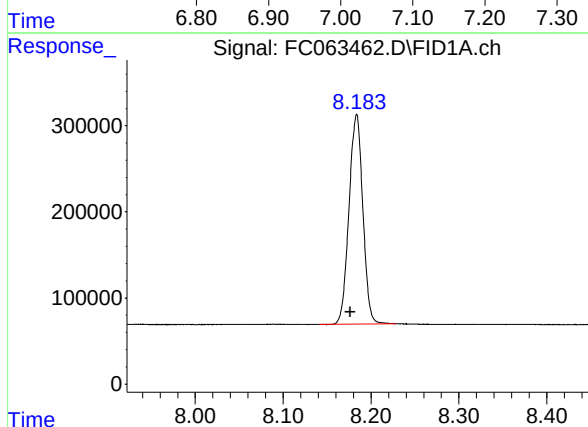
R.T.: 6.389 min  
Delta R.T.: 0.007 min  
Response: 2724973  
Conc: 20.26 ug/ml



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

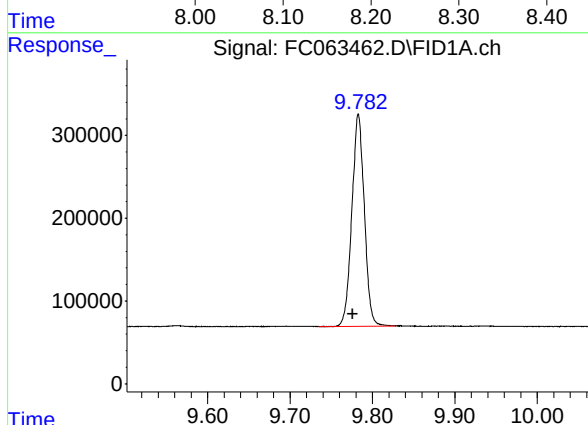
R.T.: 7.012 min  
Delta R.T.: 0.007 min  
Response: 2759230  
Conc: 19.81 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



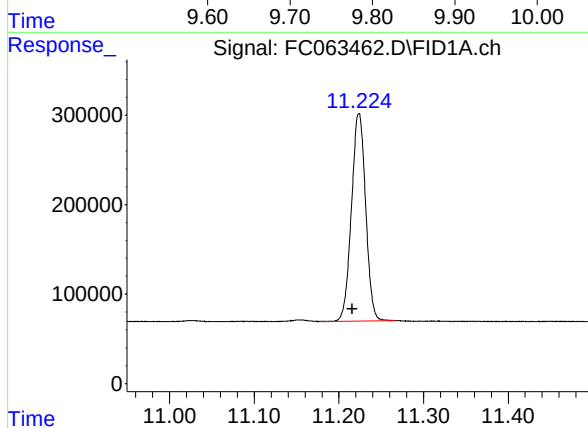
#6 n-Tetradecane (C14)

R.T.: 8.184 min  
Delta R.T.: 0.007 min  
Response: 2663173  
Conc: 19.67 ug/ml



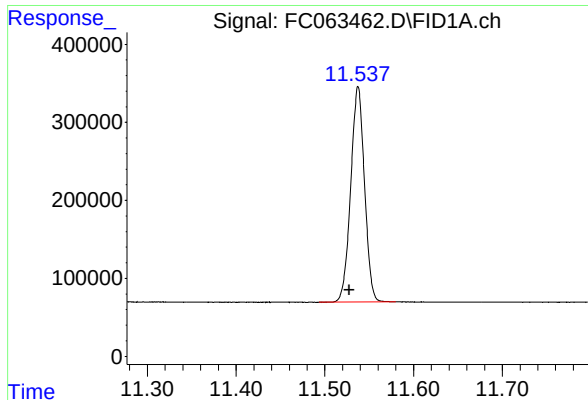
#7 n-Hexadecane (C16)

R.T.: 9.783 min  
Delta R.T.: 0.007 min  
Response: 2689457  
Conc: 19.81 ug/ml



#8 n-Octadecane (C18)

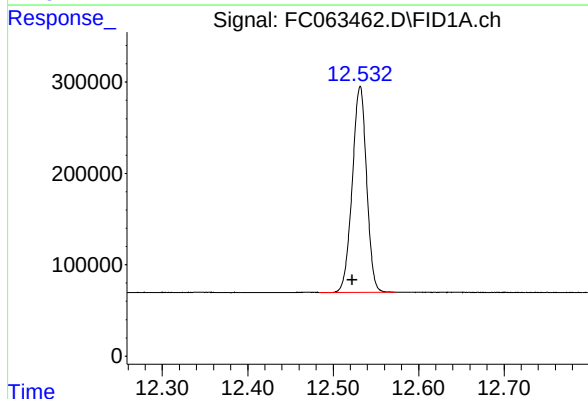
R.T.: 11.224 min  
Delta R.T.: 0.008 min  
Response: 2702470  
Conc: 19.51 ug/ml



#9 ortho-Terphenyl (SURR)

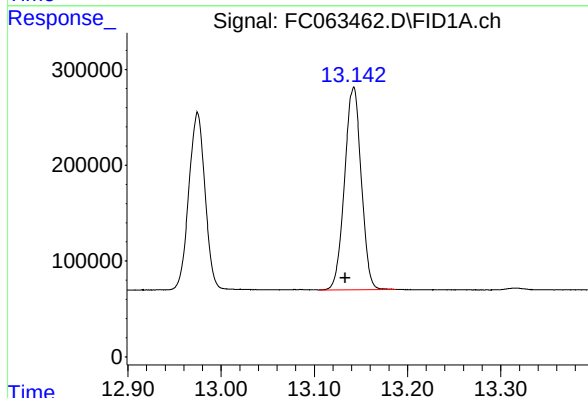
R.T.: 11.538 min  
Delta R.T.: 0.010 min  
Response: 2982222  
Conc: 19.60 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



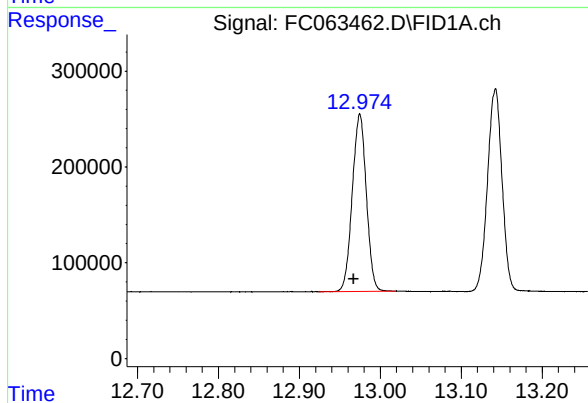
#10 n-Eicosane (C20)

R.T.: 12.532 min  
Delta R.T.: 0.009 min  
Response: 2629259  
Conc: 19.57 ug/ml



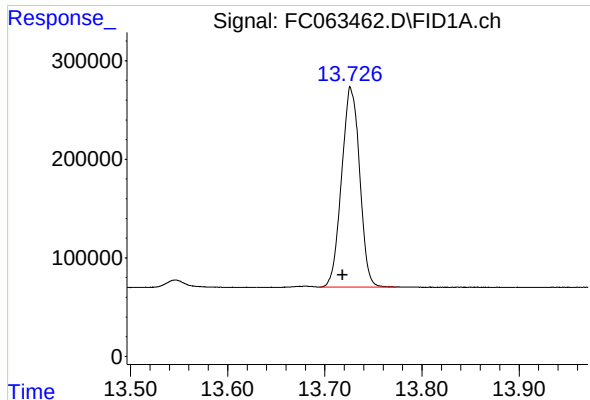
#11 n-Heneicosane (C21)

R.T.: 13.142 min  
Delta R.T.: 0.009 min  
Response: 2633297  
Conc: 19.57 ug/ml



#12 1-chlorooctadecane (SURR)

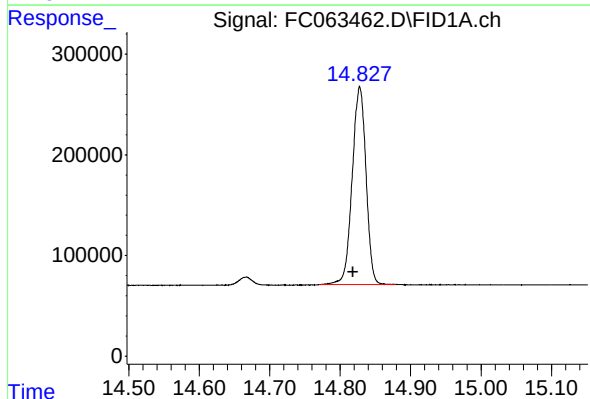
R.T.: 12.975 min  
Delta R.T.: 0.008 min  
Response: 2228044  
Conc: 20.14 ug/ml



#13 n-Docosane (C22)

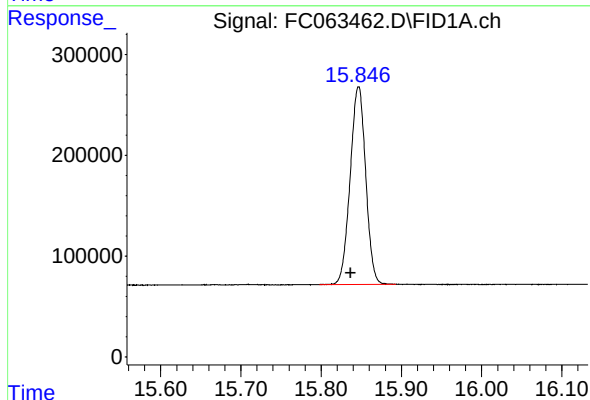
R.T.: 13.727 min  
Delta R.T.: 0.008 min  
Response: 2614260  
Conc: 19.60 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



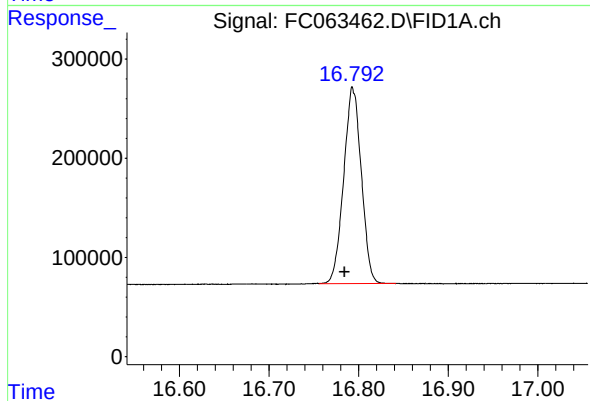
#14 n-Tetracosane (C24)

R.T.: 14.828 min  
Delta R.T.: 0.010 min  
Response: 2683755  
Conc: 19.96 ug/ml



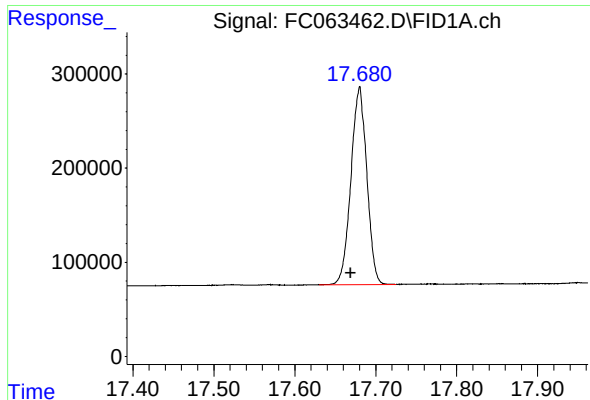
#15 n-Hexacosane (C26)

R.T.: 15.847 min  
Delta R.T.: 0.010 min  
Response: 2640119  
Conc: 19.72 ug/ml



#16 n-Octacosane (C28)

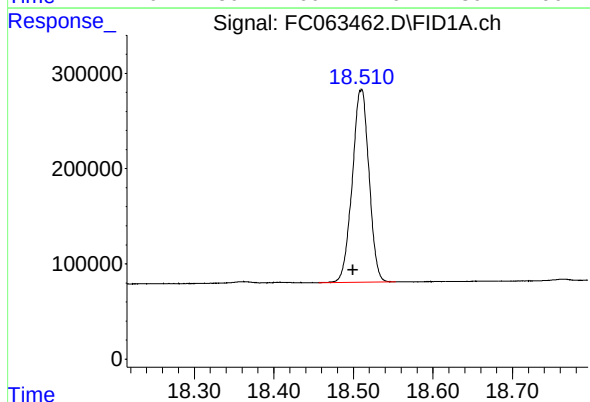
R.T.: 16.793 min  
Delta R.T.: 0.009 min  
Response: 2702859  
Conc: 19.96 ug/ml



#17 n-Tricontane (C30)

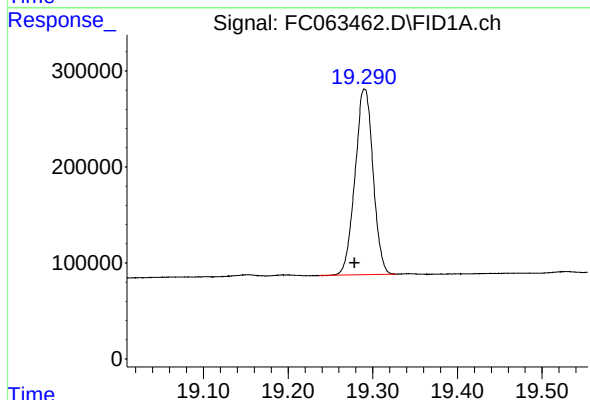
R.T.: 17.680 min  
Delta R.T.: 0.011 min  
Response: 2858210  
Conc: 20.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



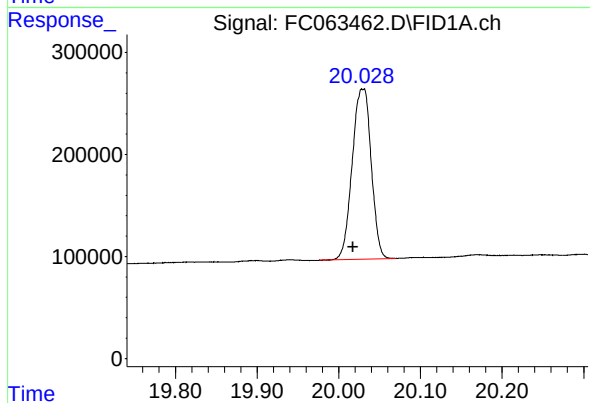
#18 n-Dotriacontane (C32)

R.T.: 18.510 min  
Delta R.T.: 0.011 min  
Response: 2956475  
Conc: 20.94 ug/ml



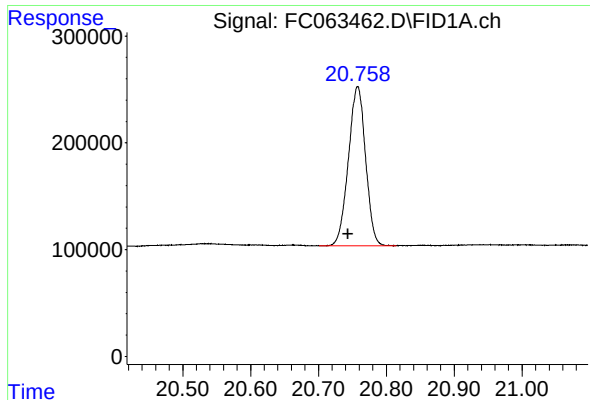
#19 n-Tetatriacontane (C34)

R.T.: 19.290 min  
Delta R.T.: 0.012 min  
Response: 2862152  
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

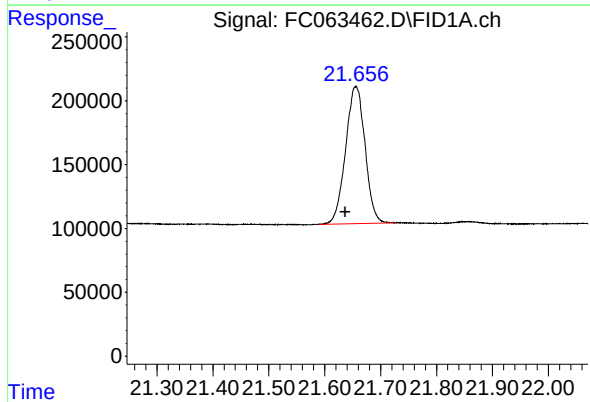
R.T.: 20.030 min  
Delta R.T.: 0.012 min  
Response: 2695062  
Conc: 21.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.758 min  
Delta R.T.: 0.015 min  
Response: 2619437  
Conc: 21.27 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.656 min  
Delta R.T.: 0.019 min  
Response: 2590270  
Conc: 22.01 ug/ml