

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061323AL\  
 Data File : FC063840.D  
 Signal(s) : FID1A.ch  
 Acq On : 13 Jun 2023 22:29  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jun 14 01:01:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:12:33 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)    | 11.528 | 3349311    | 18.354 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.71%       |
| 12) S 1-chlorooctadecane (S... | 12.963 | 2414036    | 18.893 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.79%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.308  | 3056560    | 19.177 ug/ml |
| 2) T n-Decane (C10)            | 4.370  | 3115244    | 19.272 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.952  | 3230351    | 18.594 ug/ml |
| 4) T n-Dodecane (C12)          | 6.385  | 3080928    | 18.842 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.008  | 3057970    | 18.666 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.178  | 2974817    | 18.915 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.776  | 2994951    | 18.820 ug/ml |
| 8) T n-Octadecane (C18)        | 11.216 | 2973285    | 18.791 ug/ml |
| 10) T n-Eicosane (C20)         | 12.521 | 2802642    | 18.951 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.131 | 2723788    | 18.923 ug/ml |
| 13) T n-Docosane (C22)         | 13.717 | 2706141    | 19.210 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.814 | 2654855    | 19.347 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.833 | 2600365    | 19.612 ug/ml |
| 16) T n-Octacosane (C28)       | 16.781 | 2605246    | 20.517 ug/ml |
| 17) T n-Tricontane (C30)       | 17.667 | 2763998    | 21.634 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.496 | 2806340    | 22.553 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.278 | 2703462    | 21.926 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.014 | 2582818    | 21.519 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.742 | 2540370    | 21.041 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.632 | 2494674    | 20.588 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

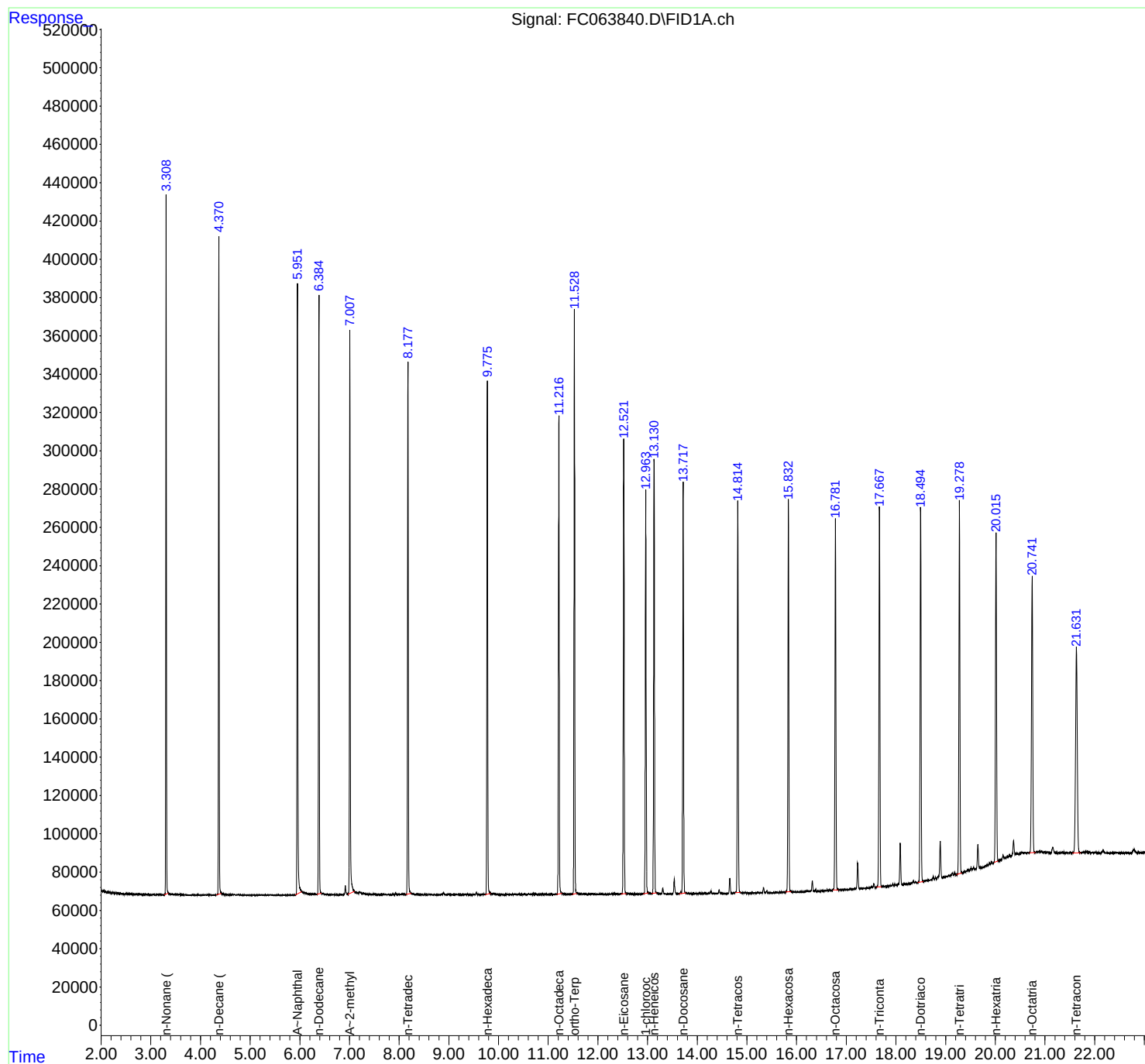
(m)=manual int.

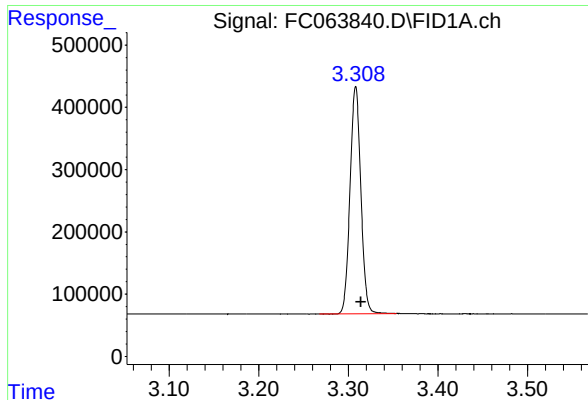
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061323AL\  
Data File : FC063840.D  
Signal(s) : FID1A.ch  
Acq On : 13 Jun 2023 22:29  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Jun 14 01:01:46 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052723.M  
Quant Title : GC Extractables  
QLast Update : Sat May 27 06:12:33 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

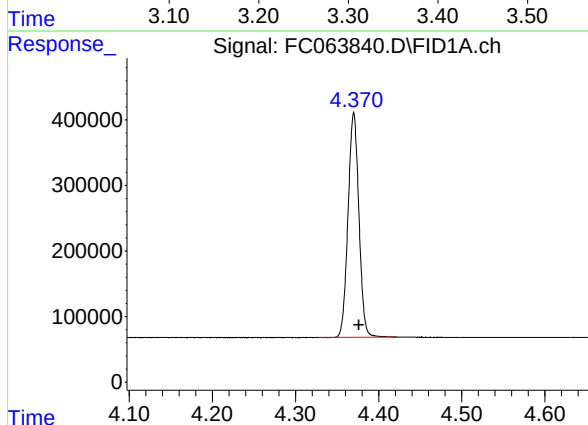




#1 n-Nonane (C9)

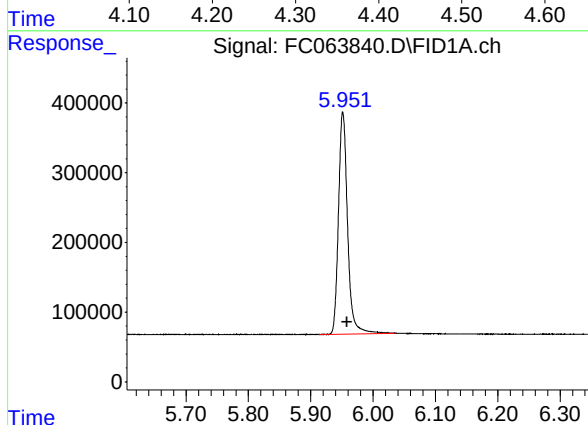
R.T.: 3.308 min  
Delta R.T.: -0.006 min  
Response: 3056560  
Conc: 19.18 ug/ml

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



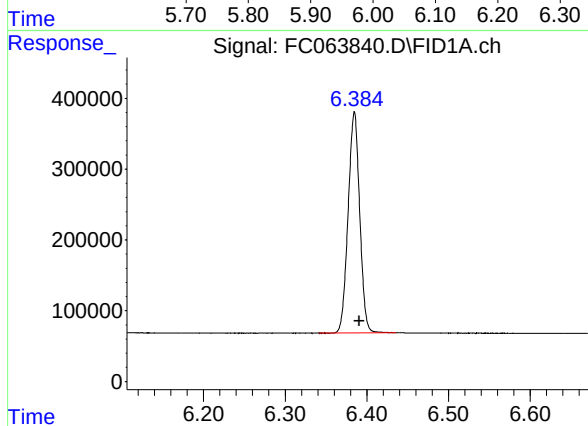
#2 n-Decane (C10)

R.T.: 4.370 min  
Delta R.T.: -0.006 min  
Response: 3115244  
Conc: 19.27 ug/ml



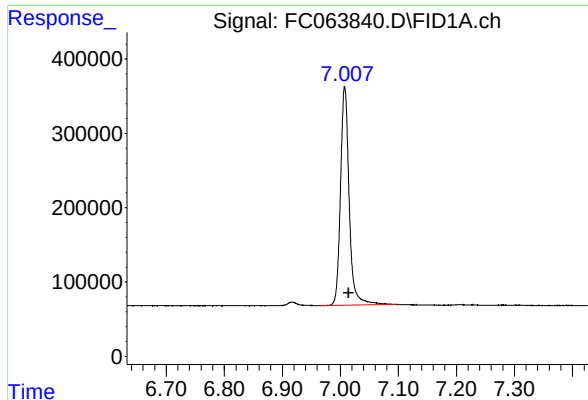
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min  
Delta R.T.: -0.007 min  
Response: 3230351  
Conc: 18.59 ug/ml



#4 n-Dodecane (C12)

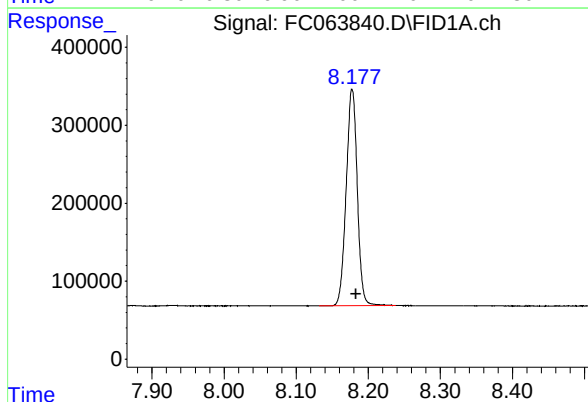
R.T.: 6.385 min  
Delta R.T.: -0.006 min  
Response: 3080928  
Conc: 18.84 ug/ml



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

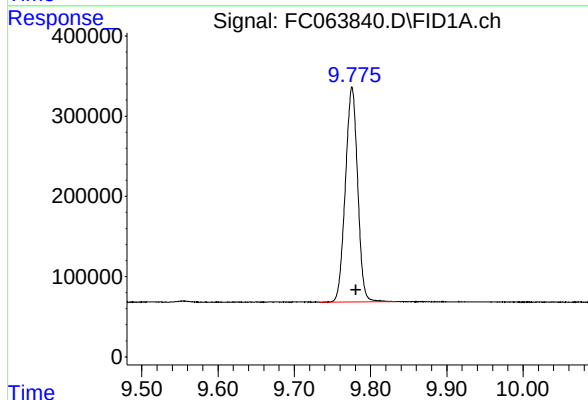
R.T.: 7.008 min  
Delta R.T.: -0.007 min  
Response: 3057970  
Conc: 18.67 ug/ml

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



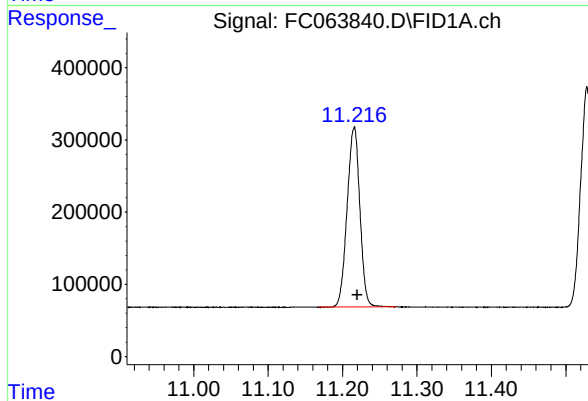
#6 n-Tetradecane (C14)

R.T.: 8.178 min  
Delta R.T.: -0.005 min  
Response: 2974817  
Conc: 18.92 ug/ml



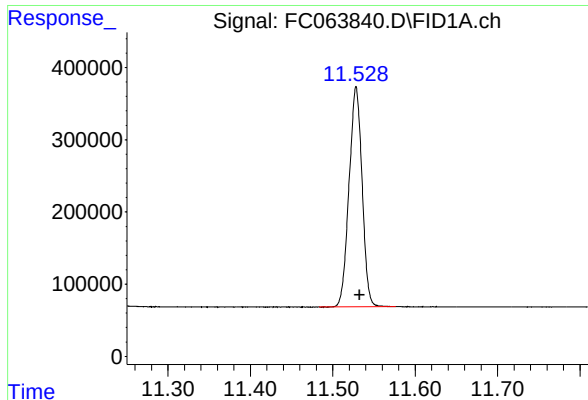
#7 n-Hexadecane (C16)

R.T.: 9.776 min  
Delta R.T.: -0.005 min  
Response: 2994951  
Conc: 18.82 ug/ml



#8 n-Octadecane (C18)

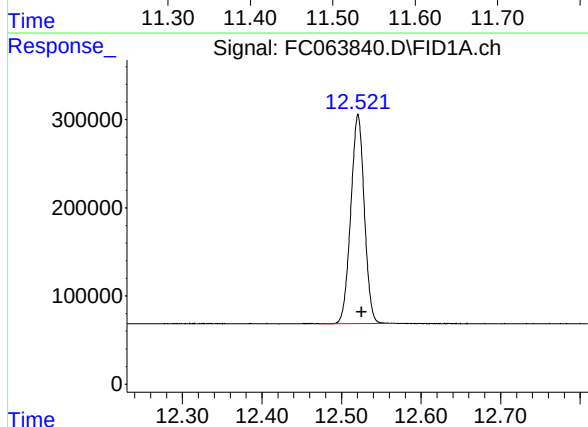
R.T.: 11.216 min  
Delta R.T.: -0.004 min  
Response: 2973285  
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

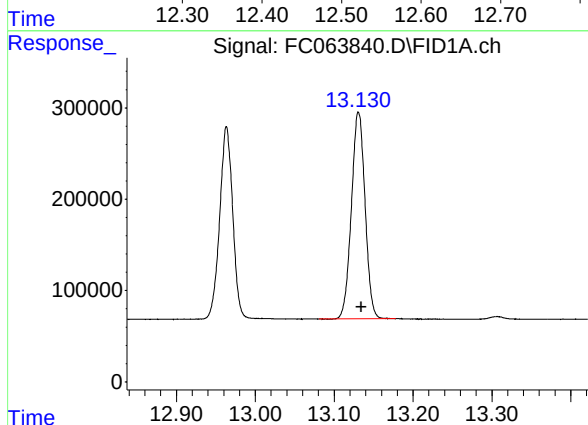
R.T.: 11.528 min  
Delta R.T.: -0.004 min  
Response: 3349311  
Conc: 18.35 ug/ml

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



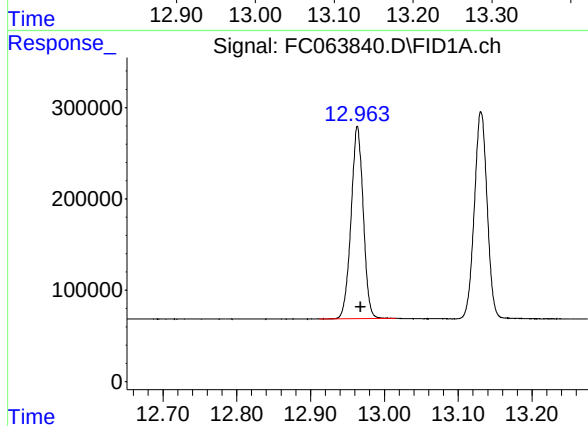
#10 n-Eicosane (C20)

R.T.: 12.521 min  
Delta R.T.: -0.004 min  
Response: 2802642  
Conc: 18.95 ug/ml



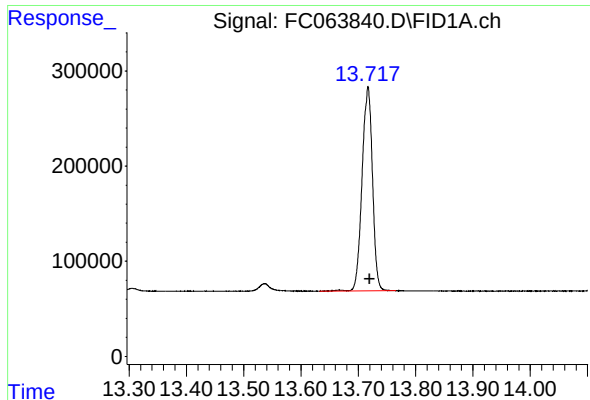
#11 n-Heneicosane (C21)

R.T.: 13.131 min  
Delta R.T.: -0.003 min  
Response: 2723788  
Conc: 18.92 ug/ml



#12 1-chlorooctadecane (SURR)

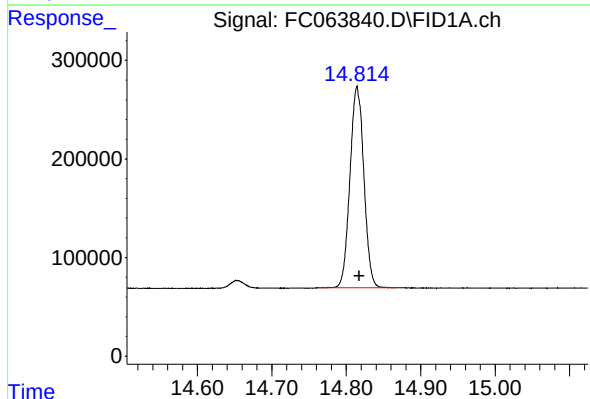
R.T.: 12.963 min  
Delta R.T.: -0.004 min  
Response: 2414036  
Conc: 18.89 ug/ml



#13 n-Docosane (C22)

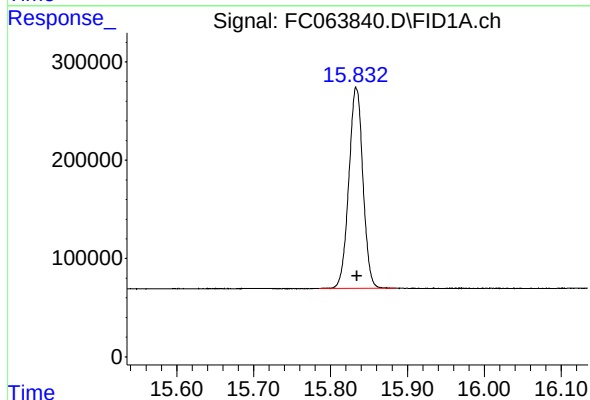
R.T.: 13.717 min  
Delta R.T.: -0.003 min  
Response: 2706141  
Conc: 19.21 ug/ml

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



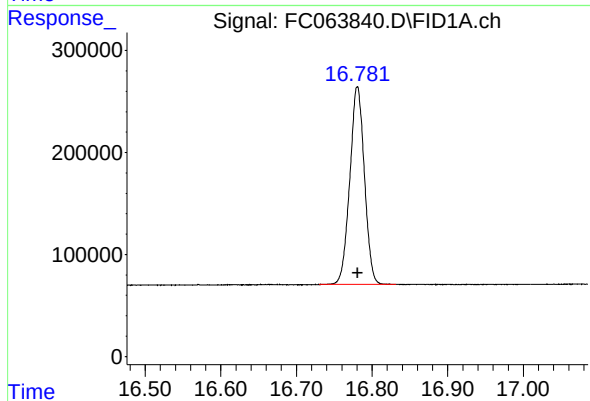
#14 n-Tetracosane (C24)

R.T.: 14.814 min  
Delta R.T.: -0.003 min  
Response: 2654855  
Conc: 19.35 ug/ml



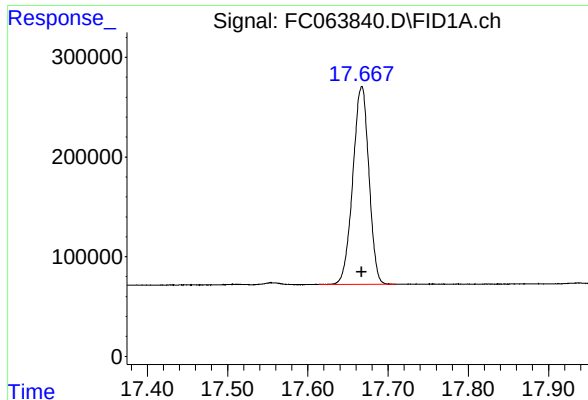
#15 n-Hexacosane (C26)

R.T.: 15.833 min  
Delta R.T.: 0.000 min  
Response: 2600365  
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

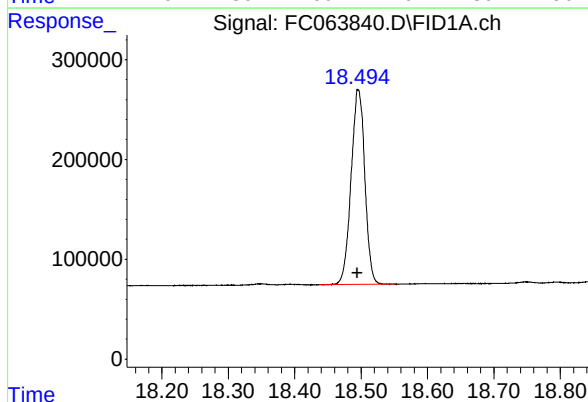
R.T.: 16.781 min  
Delta R.T.: 0.000 min  
Response: 2605246  
Conc: 20.52 ug/ml



#17 n-Tricontane (C30)

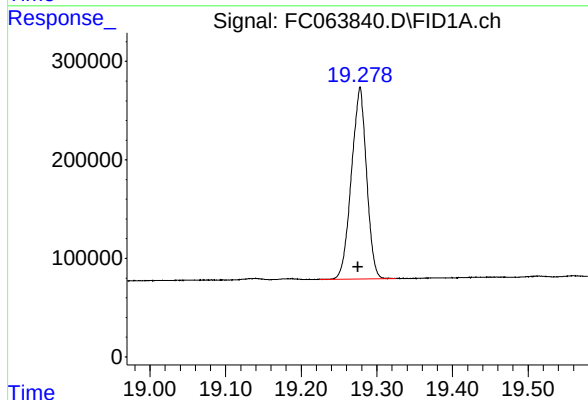
R.T.: 17.667 min  
Delta R.T.: 0.000 min  
Response: 2763998  
Conc: 21.63 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



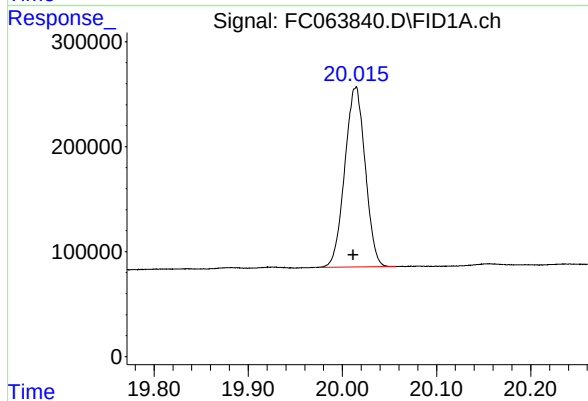
#18 n-Dotriacontane (C32)

R.T.: 18.496 min  
Delta R.T.: 0.002 min  
Response: 2806340  
Conc: 22.55 ug/ml



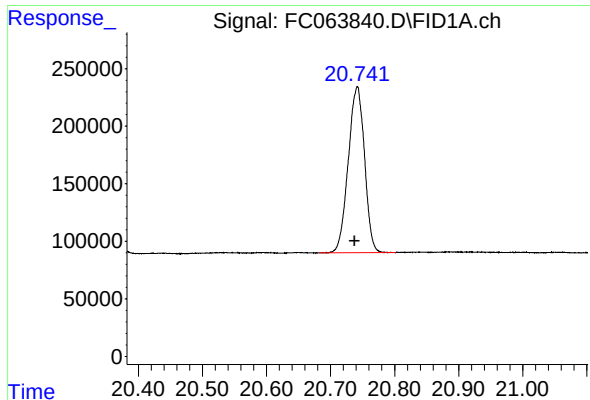
#19 n-Tetatriacontane (C34)

R.T.: 19.278 min  
Delta R.T.: 0.003 min  
Response: 2703462  
Conc: 21.93 ug/ml



#20 n-Hexatriacontane (C36)

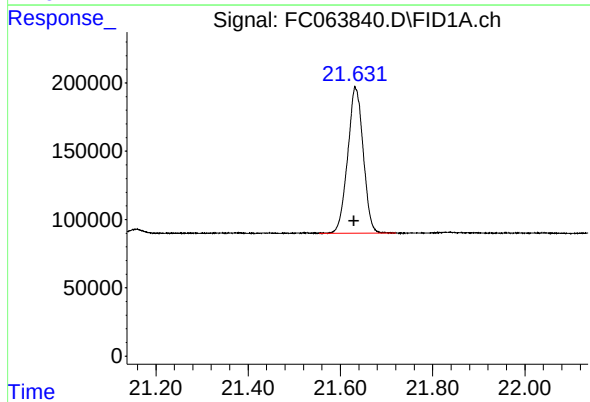
R.T.: 20.014 min  
Delta R.T.: 0.003 min  
Response: 2582818  
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min  
Delta R.T.: 0.004 min  
Response: 2540370  
Conc: 21.04 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.632 min  
Delta R.T.: 0.003 min  
Response: 2494674  
Conc: 20.59 ug/ml