

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092719AL\  
 Data File : FC043703.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Sep 2019 7:49  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Manual Integrations  
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 9/30/2019 3:03:44 PM

Integration File: autoint1.e  
 Quant Time: Sep 30 00:29:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 26 10:57:53 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)    | 11.579 | 3034590    | 19.993 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.99%        |
| 12) S 1-chlorooctadecane (S... | 13.001 | 2331493    | 19.665 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.33%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.433  | 2551459    | 21.103 ug/ml  |
| 2) T n-Decane (C10)            | 4.485  | 2593132    | 21.424 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.062  | 2557819    | 21.725 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.475  | 2744448    | 21.699 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.106  | 2637106    | 21.884 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.249  | 2774703    | 21.556 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.832  | 2809205    | 21.335 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.259 | 2835577    | 20.790 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.558 | 2808784    | 20.124 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.165 | 2811359    | 19.782 ug/ml  |
| 13) T n-Docosane (C22)         | 13.747 | 2758211    | 19.412 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.841 | 2688171    | 18.725 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.854 | 2578255    | 18.030 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.798 | 2470046    | 17.425 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.680 | 2377260    | 16.951 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.508 | 2222214    | 16.729 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.287 | 2123051    | 16.992 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.023 | 2039630    | 17.646 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.745 | 1938681    | 18.215 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.626 | 1997669    | 19.106 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

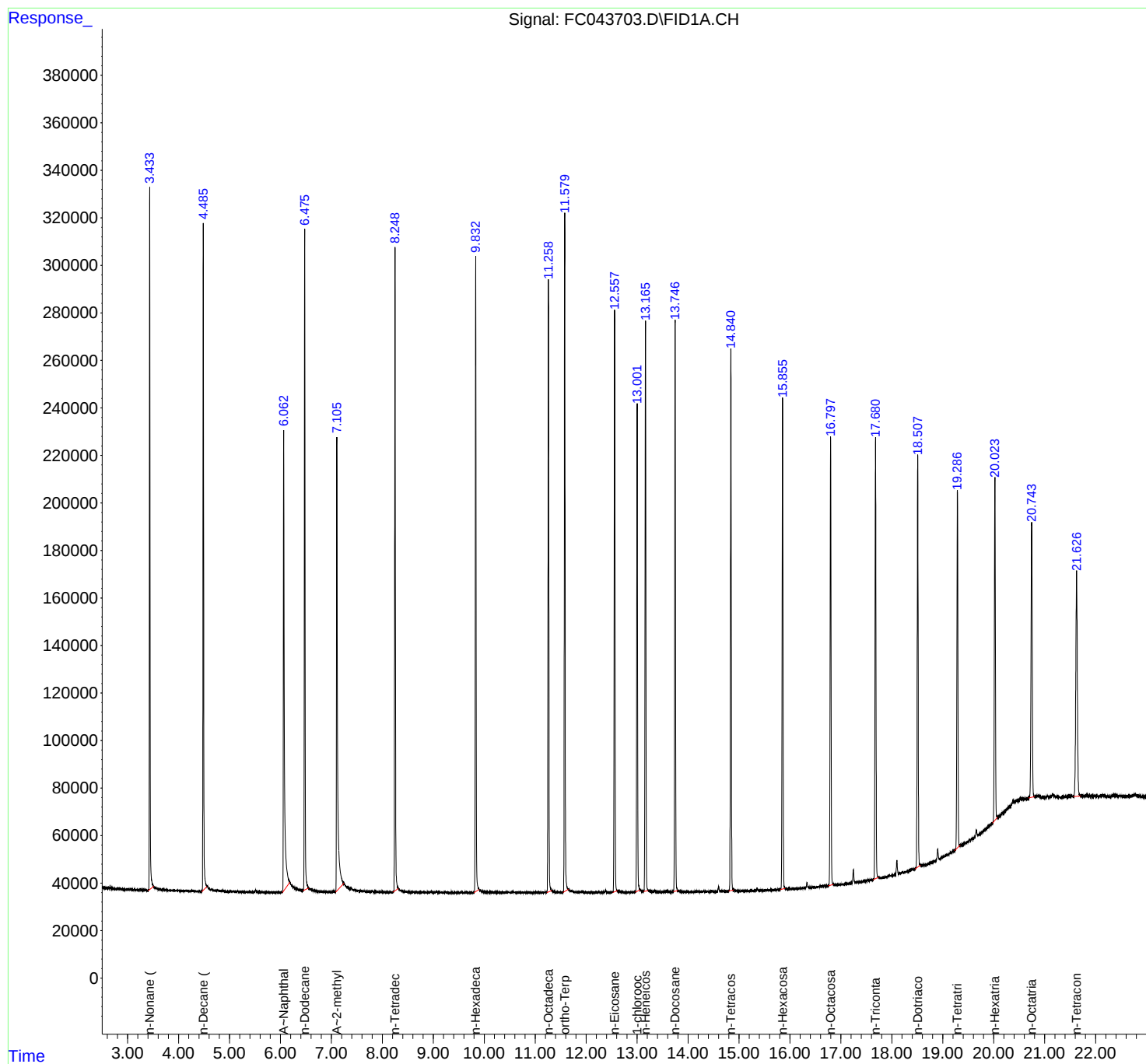
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

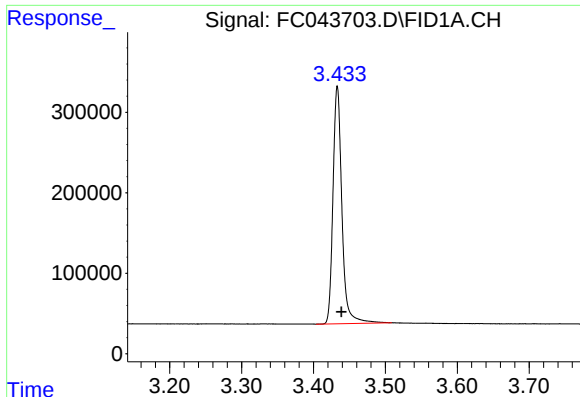
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092519.M  
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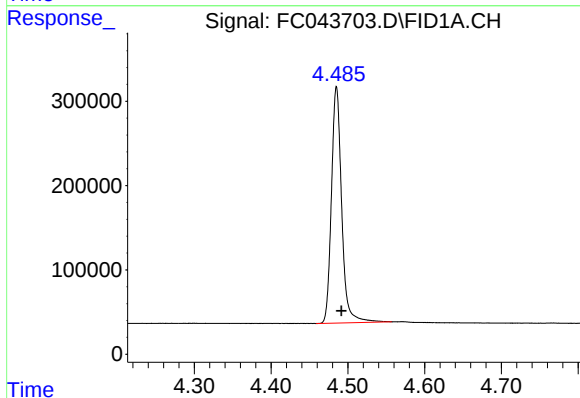
#1 n-Nonane (C9)

R.T.: 3.433 min  
Delta R.T.: -0.006 min  
Response: 2551459  
Conc: 21.10 ug/ml

Instrument :  
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20 PPM ALIPHATIC HC STD

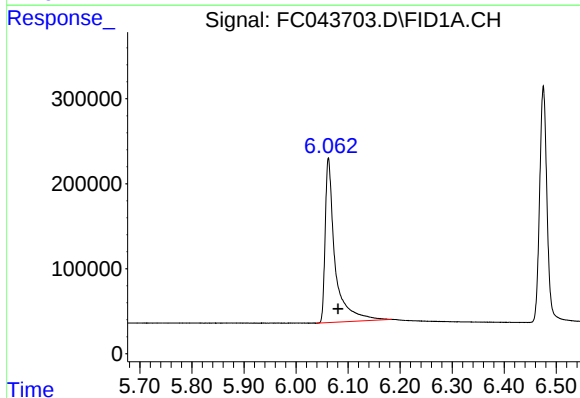
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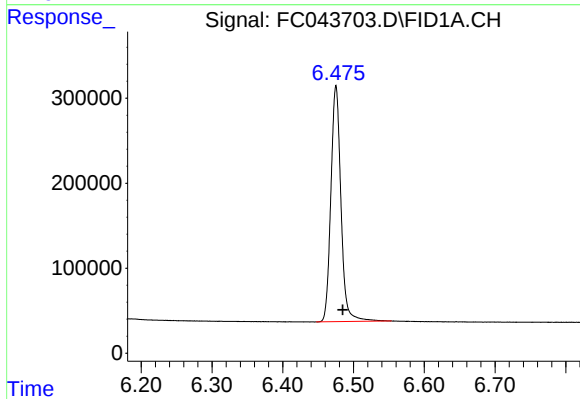
#2 n-Decane (C10)

R.T.: 4.485 min  
Delta R.T.: -0.007 min  
Response: 2593132  
Conc: 21.42 ug/ml



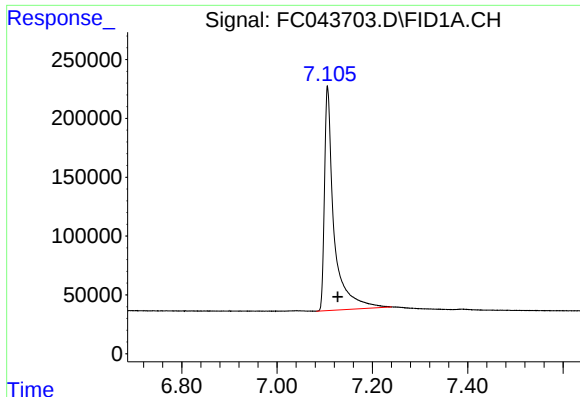
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min  
Delta R.T.: -0.018 min  
Response: 2557819  
Conc: 21.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.475 min  
Delta R.T.: -0.010 min  
Response: 2744448  
Conc: 21.70 ug/ml



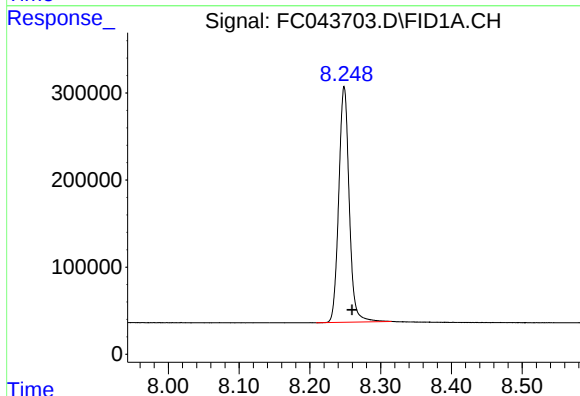
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min  
Delta R.T.: -0.021 min  
Response: 2637106  
Conc: 21.88 ug/ml

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

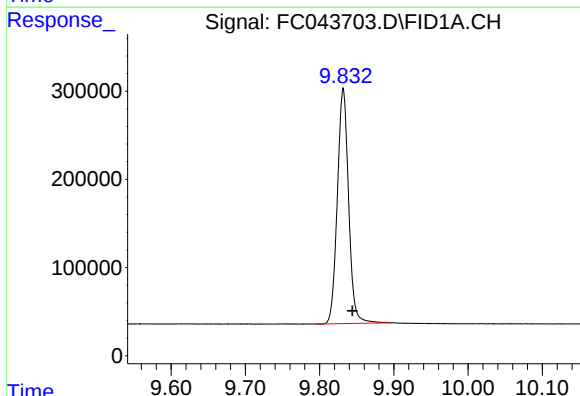
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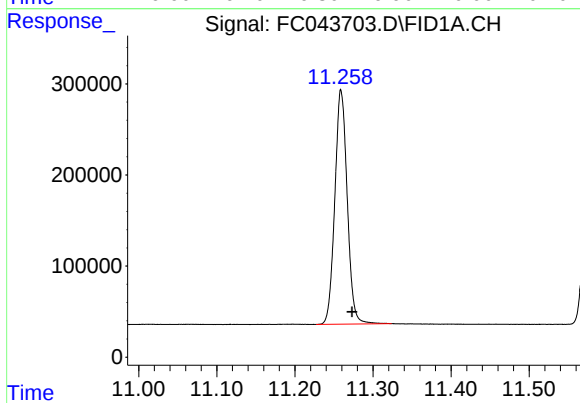
#6 n-Tetradecane (C14)

R.T.: 8.249 min  
Delta R.T.: -0.011 min  
Response: 2774703  
Conc: 21.56 ug/ml



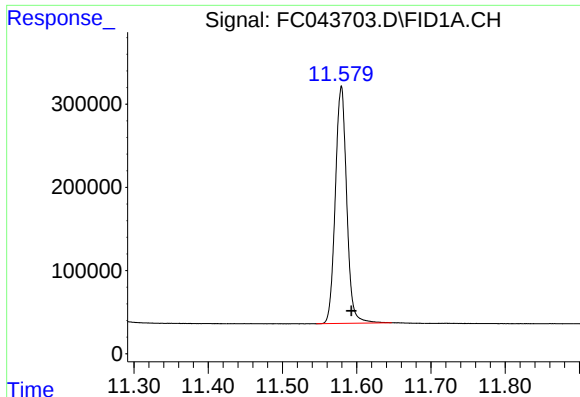
#7 n-Hexadecane (C16)

R.T.: 9.832 min  
Delta R.T.: -0.012 min  
Response: 2809205  
Conc: 21.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.259 min  
Delta R.T.: -0.014 min  
Response: 2835577  
Conc: 20.79 ug/ml



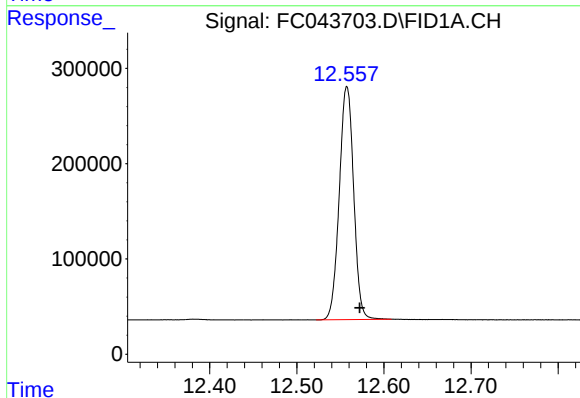
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min  
Delta R.T.: -0.014 min  
Response: 3034590  
Conc: 19.99 ug/ml

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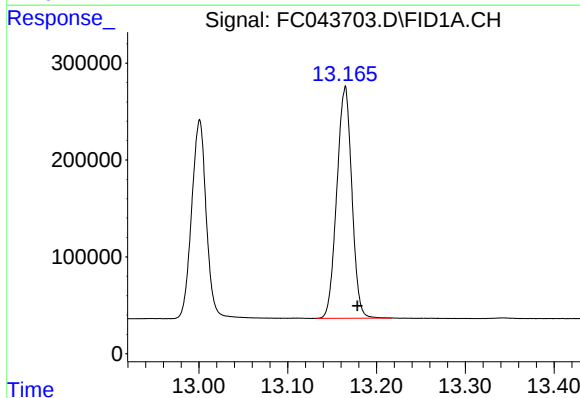
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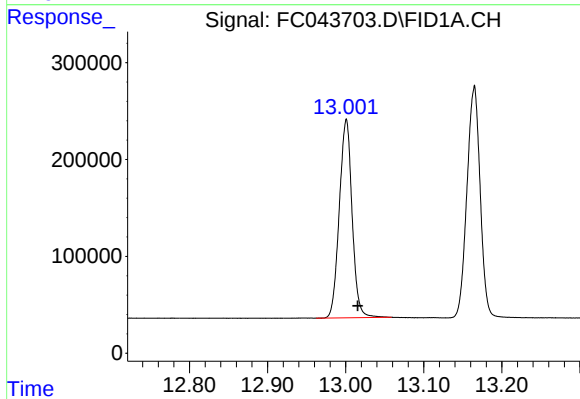
#10 n-Eicosane (C20)

R.T.: 12.558 min  
Delta R.T.: -0.015 min  
Response: 2808784  
Conc: 20.12 ug/ml



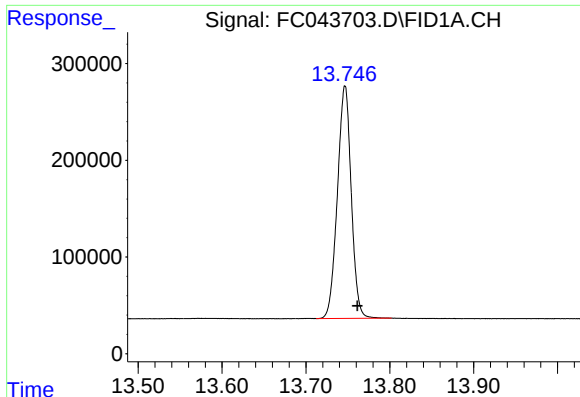
#11 n-Heneicosane (C21)

R.T.: 13.165 min  
Delta R.T.: -0.014 min  
Response: 2811359  
Conc: 19.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.001 min  
Delta R.T.: -0.015 min  
Response: 2331493  
Conc: 19.66 ug/ml



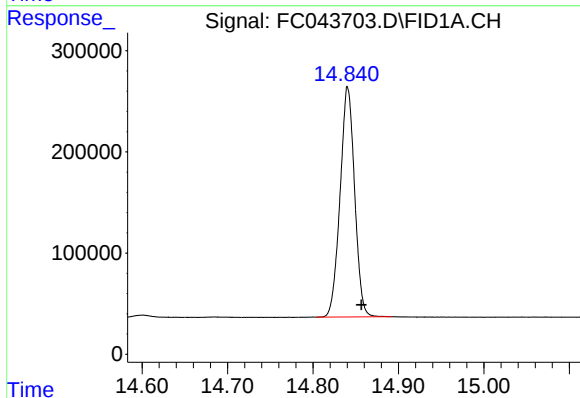
#13 n-Docosane (C22)

R.T.: 13.747 min  
Delta R.T.: -0.014 min  
Response: 2758211  
Conc: 19.41 ug/ml

Instrument :  
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20 PPM ALIPHATIC HC STD

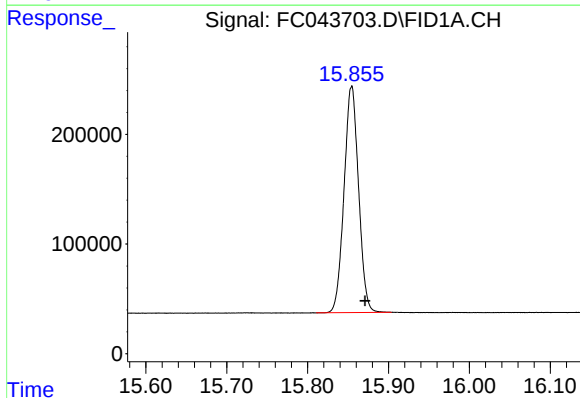
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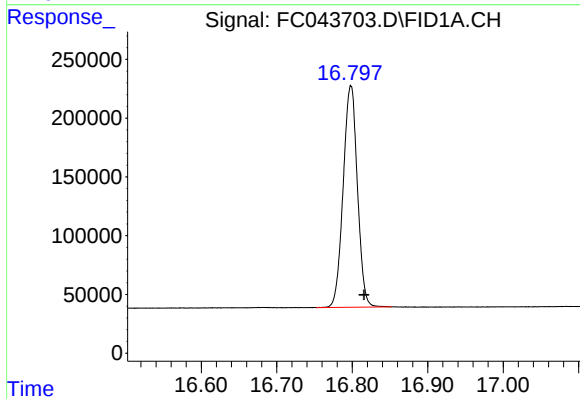
#14 n-Tetracosane (C24)

R.T.: 14.841 min  
Delta R.T.: -0.016 min  
Response: 2688171  
Conc: 18.73 ug/ml



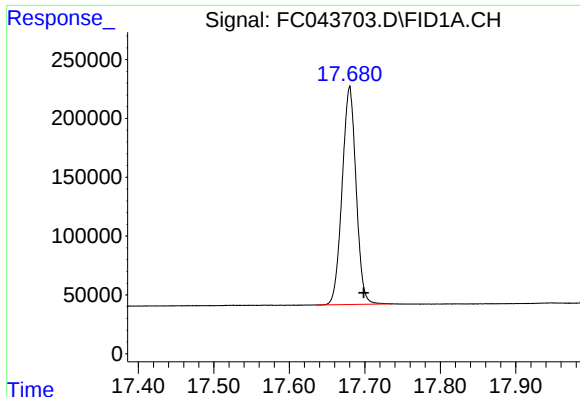
#15 n-Hexacosane (C26)

R.T.: 15.854 min  
Delta R.T.: -0.017 min  
Response: 2578255  
Conc: 18.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.798 min  
Delta R.T.: -0.017 min  
Response: 2470046  
Conc: 17.42 ug/ml



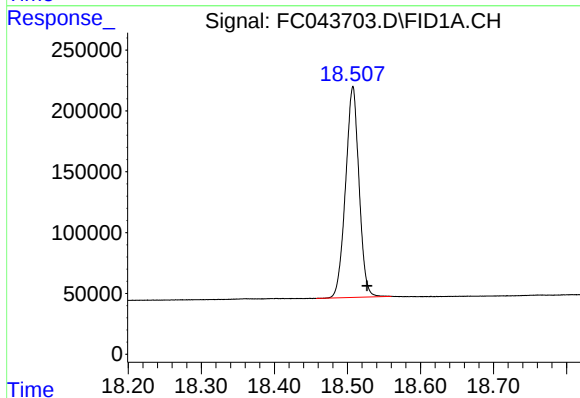
#17 n-Tricontane (C30)

R.T.: 17.680 min  
Delta R.T.: -0.019 min  
Response: 2377260  
Conc: 16.95 ug/ml

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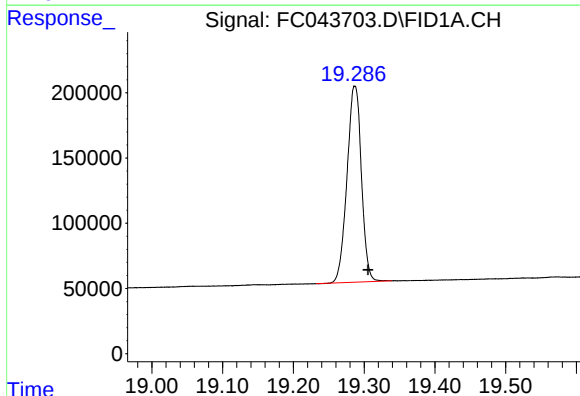
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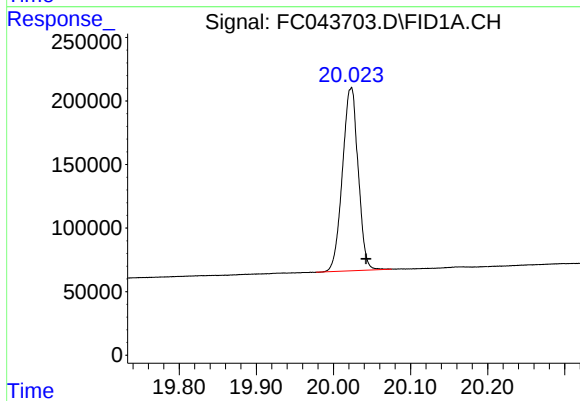
#18 n-Dotriacontane (C32)

R.T.: 18.508 min  
Delta R.T.: -0.019 min  
Response: 2222214  
Conc: 16.73 ug/ml



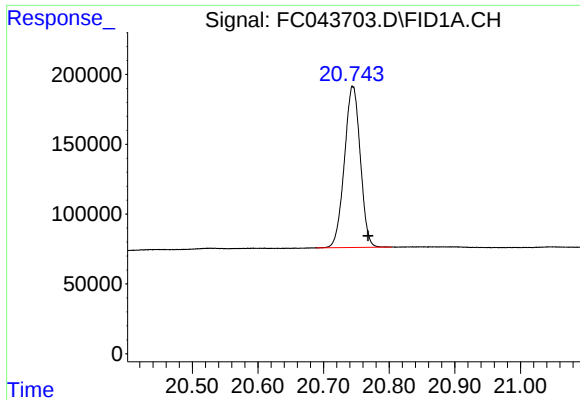
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min  
Delta R.T.: -0.019 min  
Response: 2123051  
Conc: 16.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.023 min  
Delta R.T.: -0.019 min  
Response: 2039630  
Conc: 17.65 ug/ml m



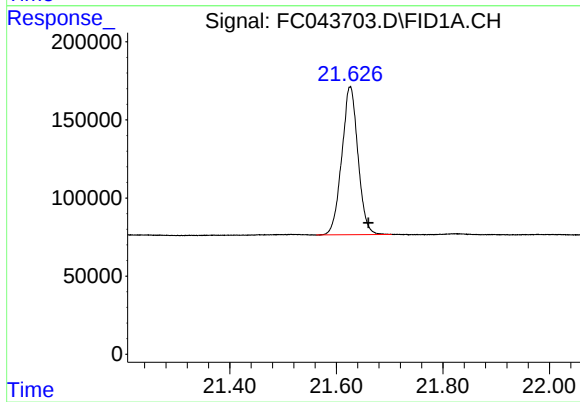
#21 n-Octatriacontane (C38)

R.T.: 20.745 min  
Delta R.T.: -0.023 min  
Response: 1938681  
Conc: 18.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.626 min  
Delta R.T.: -0.034 min  
Response: 1997669  
Conc: 19.11 ug/ml