

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC122221AL\  
 Data File : FC057656.D  
 Signal(s) : FID1A.CH  
 Acq On : 22 Dec 2021 20:15  
 Operator : AJ\MA  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 23 02:01:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 122221.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 23 01:59:38 2021  
 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)    | 10.785 | 714783     | 4.573 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 9.15%        |
| 12) S 1-chlorooctadecane (S... | 12.226 | 564296     | 4.528 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 9.06%        |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.665  | 617472     | 4.508 ug/ml  |
| 2) T n-Decane (C10)            | 3.666  | 629597     | 4.530 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.217  | 708668     | 4.574 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.651  | 638176     | 4.575 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.263  | 702709     | 4.481 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.439  | 640371     | 4.543 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.038  | 643949     | 4.501 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.477 | 668509     | 4.528 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.785 | 666890     | 4.548 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.396 | 680613     | 4.585 ug/ml  |
| 13) T n-Docosane (C22)         | 12.981 | 672744     | 4.571 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.082 | 674688     | 4.576 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.102 | 645064     | 4.517 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.052 | 638165     | 4.581 ug/mlm |
| 17) T n-Tricontane (C30)       | 16.939 | 690549     | 5.201 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 17.774 | 815152     | 6.610 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 18.557 | 768002     | 6.493 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.296 | 703613     | 6.310 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.014 | 633193     | 5.852 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.884 | 579559     | 5.293 ug/ml  |
| -----                          |        |            |              |

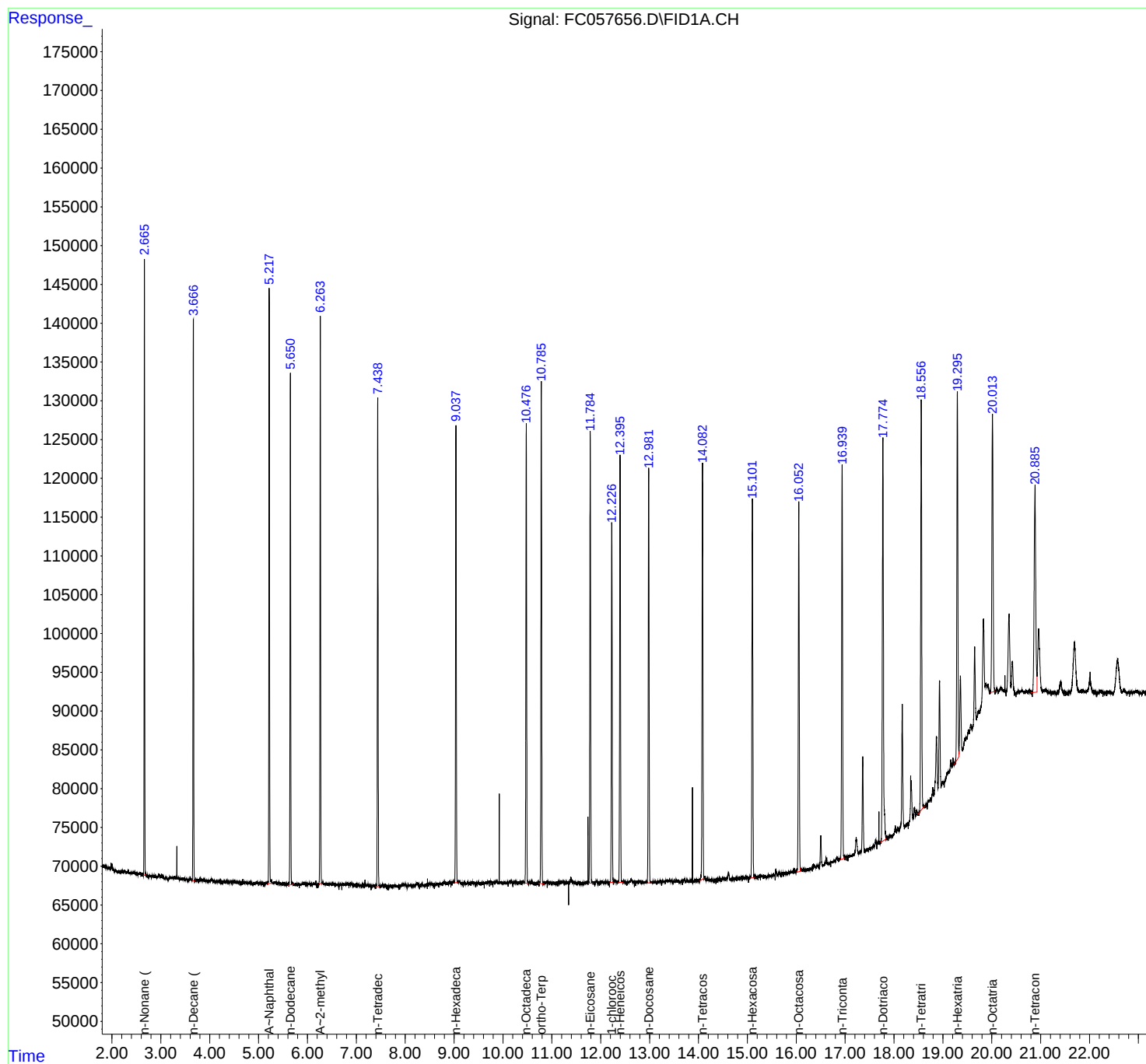
(f)=RT Delta > 1/2 Window

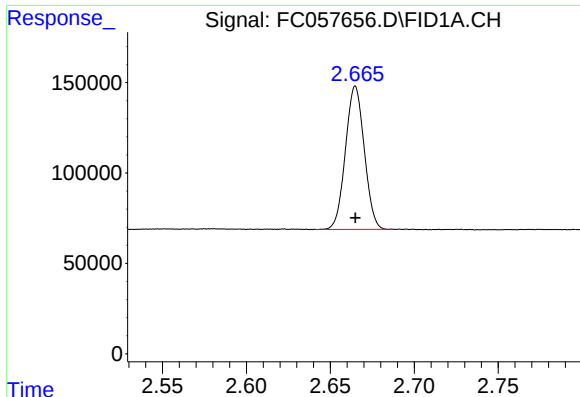
(m)=manual int.

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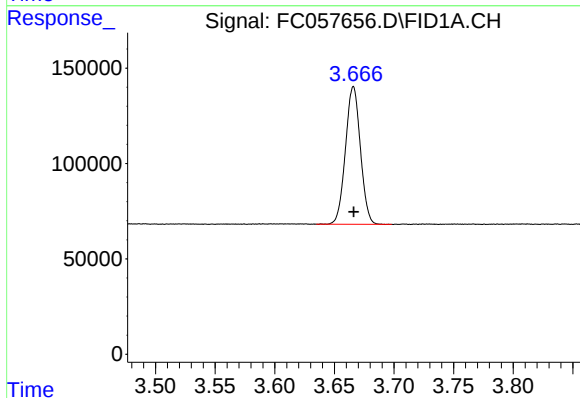
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





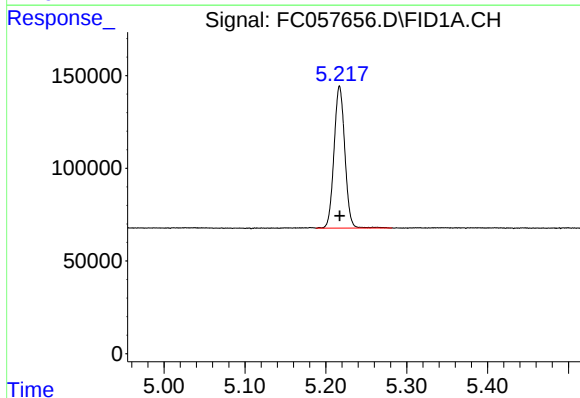
#1 n-Nonane (C9)

R.T.: 2.665 min  
Delta R.T.: 0.000 min  
Response: 617472  
Conc: 4.51 ug/ml



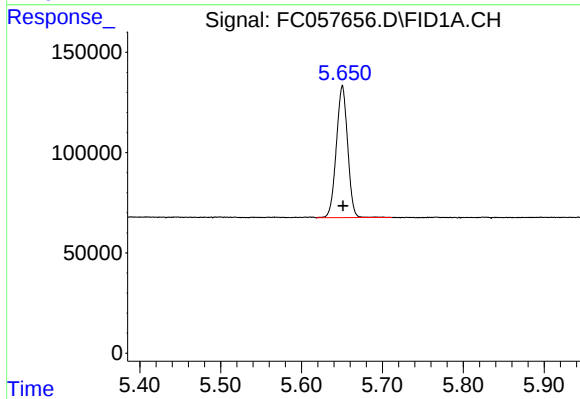
#2 n-Decane (C10)

R.T.: 3.666 min  
Delta R.T.: 0.000 min  
Response: 629597  
Conc: 4.53 ug/ml



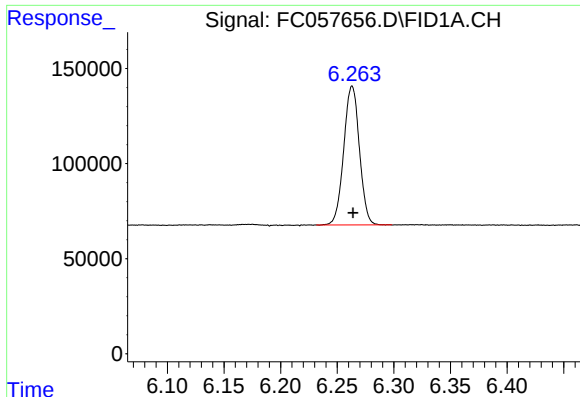
#3 A~Naphthalene (C11.7)

R.T.: 5.217 min  
Delta R.T.: 0.000 min  
Response: 708668  
Conc: 4.57 ug/ml



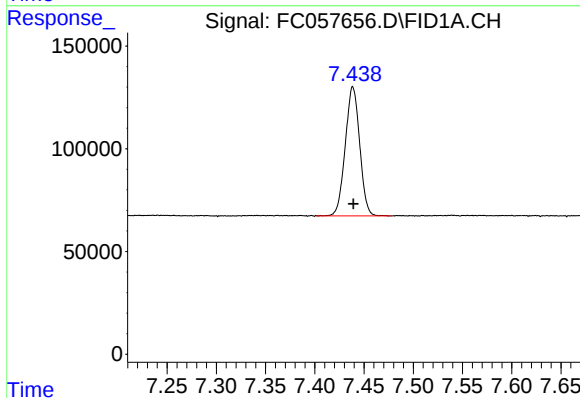
#4 n-Dodecane (C12)

R.T.: 5.651 min  
Delta R.T.: 0.000 min  
Response: 638176  
Conc: 4.57 ug/ml



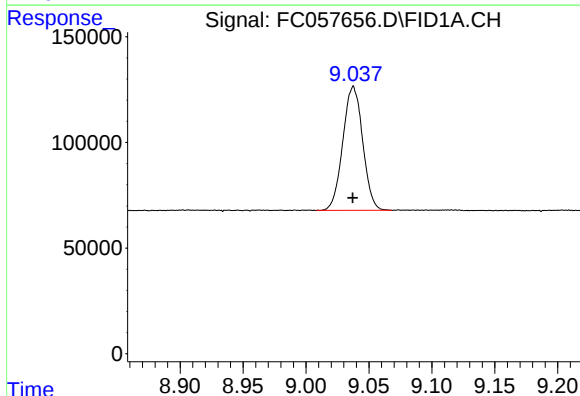
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.263 min  
Delta R.T.: 0.000 min  
Response: 702709  
Conc: 4.48 ug/ml



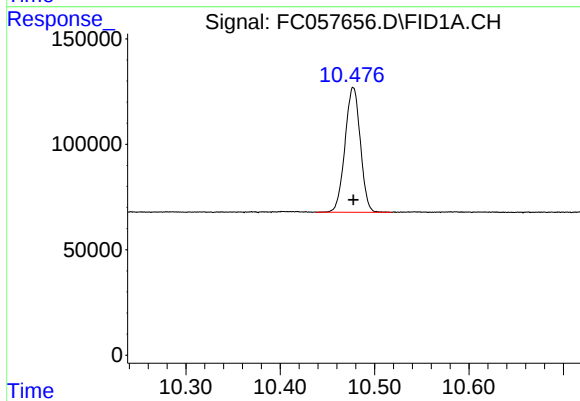
#6 n-Tetradecane (C14)

R.T.: 7.439 min  
Delta R.T.: 0.000 min  
Response: 640371  
Conc: 4.54 ug/ml



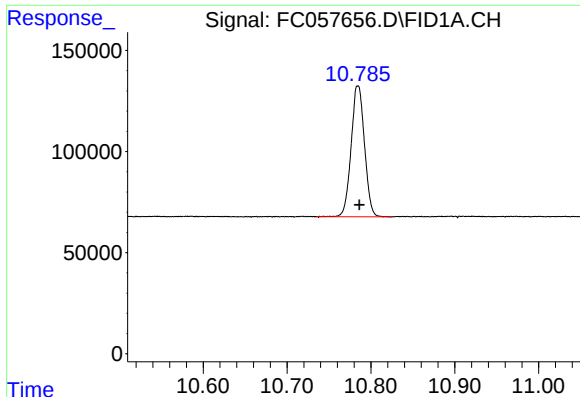
#7 n-Hexadecane (C16)

R.T.: 9.038 min  
Delta R.T.: 0.000 min  
Response: 643949  
Conc: 4.50 ug/ml



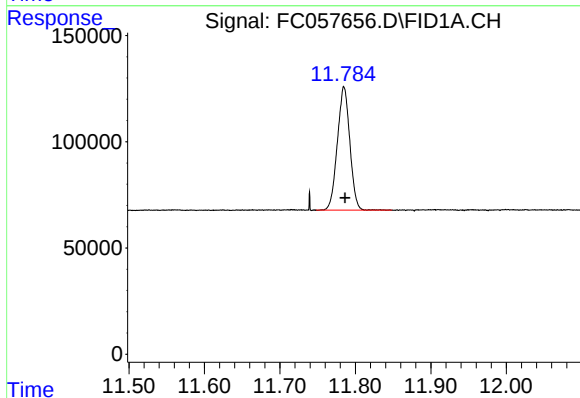
#8 n-Octadecane (C18)

R.T.: 10.477 min  
Delta R.T.: 0.000 min  
Response: 668509  
Conc: 4.53 ug/ml



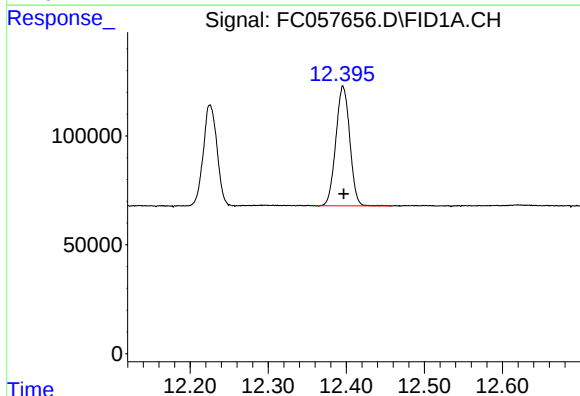
#9 ortho-Terphenyl (SURR)

R.T.: 10.785 min  
Delta R.T.: -0.002 min  
Response: 714783  
Conc: 4.57 ug/ml



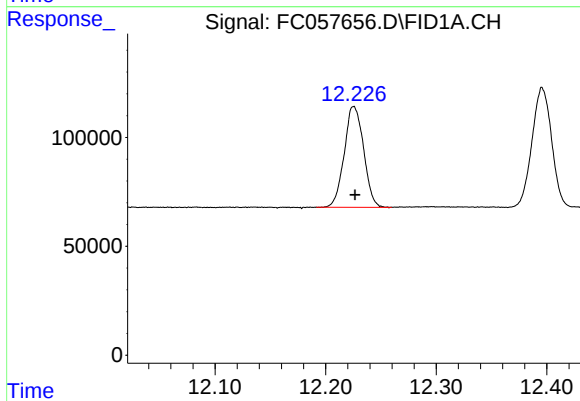
#10 n-Eicosane (C20)

R.T.: 11.785 min  
Delta R.T.: -0.001 min  
Response: 666890  
Conc: 4.55 ug/ml



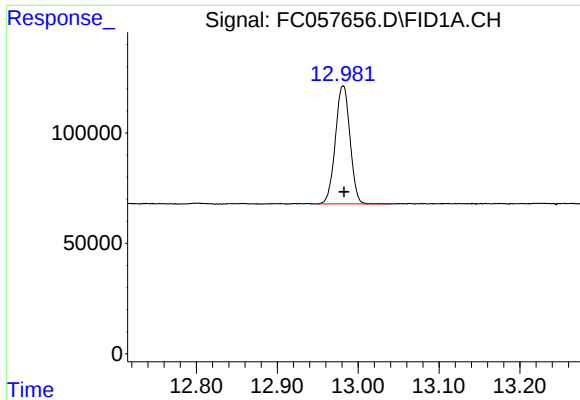
#11 n-Heneicosane (C21)

R.T.: 12.396 min  
Delta R.T.: 0.000 min  
Response: 680613  
Conc: 4.58 ug/ml



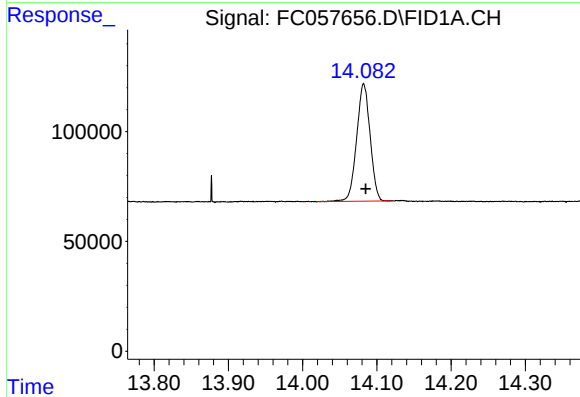
#12 1-chlorooctadecane (SURR)

R.T.: 12.226 min  
Delta R.T.: 0.000 min  
Response: 564296  
Conc: 4.53 ug/ml



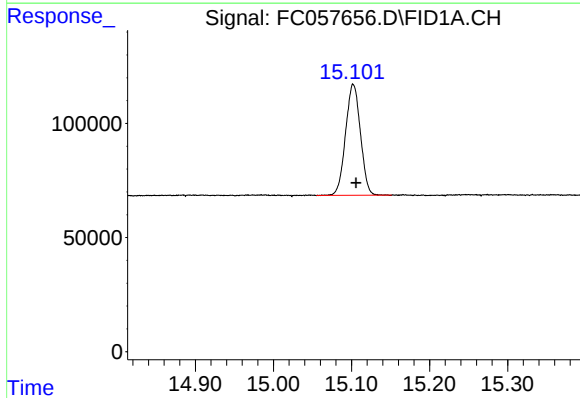
#13 n-Docosane (C22)

R.T.: 12.981 min  
Delta R.T.: -0.001 min  
Response: 672744  
Conc: 4.57 ug/ml



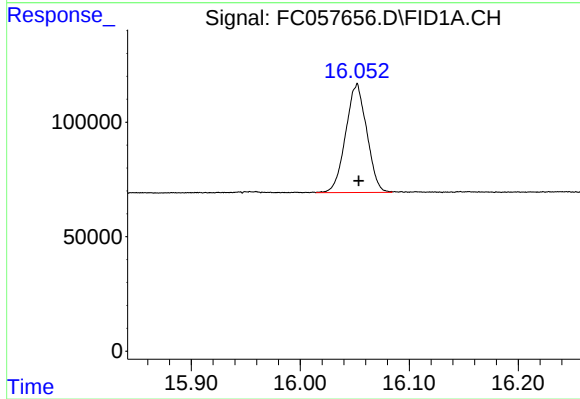
#14 n-Tetracosane (C24)

R.T.: 14.082 min  
Delta R.T.: -0.003 min  
Response: 674688  
Conc: 4.58 ug/ml



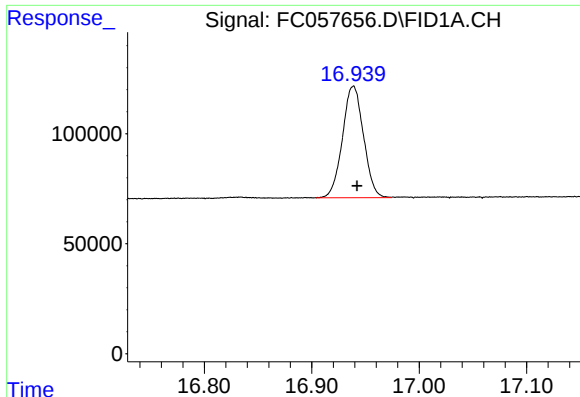
#15 n-Hexacosane (C26)

R.T.: 15.102 min  
Delta R.T.: -0.003 min  
Response: 645064  
Conc: 4.52 ug/ml



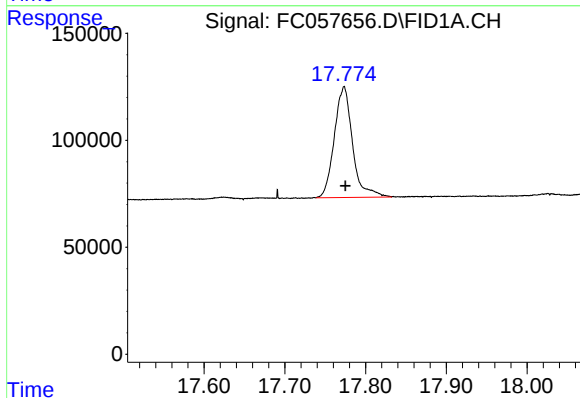
#16 n-Octacosane (C28)

R.T.: 16.052 min  
Delta R.T.: -0.002 min  
Response: 638165  
Conc: 4.58 ug/ml m



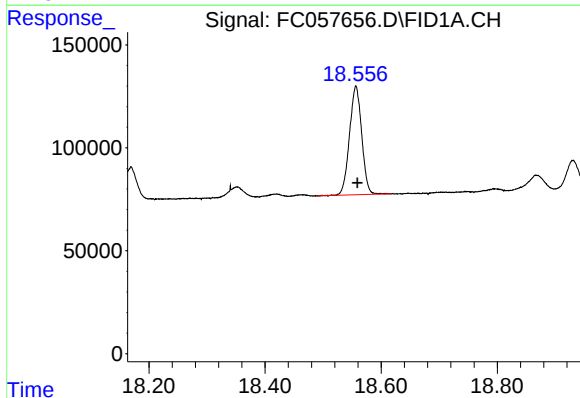
#17 n-Tricontane (C30)

R.T.: 16.939 min  
Delta R.T.: -0.003 min  
Response: 690549  
Conc: 5.20 ug/ml m



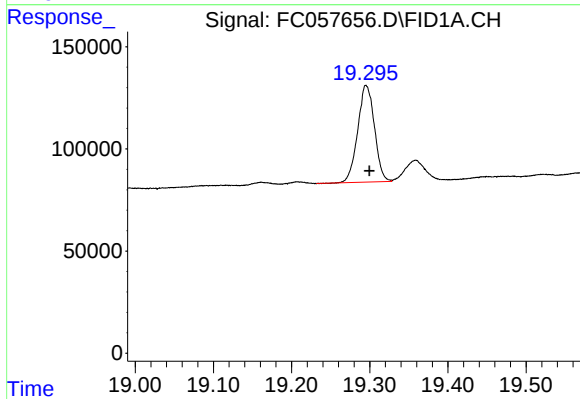
#18 n-Dotriacontane (C32)

R.T.: 17.774 min  
Delta R.T.: -0.002 min  
Response: 815152  
Conc: 6.61 ug/ml m



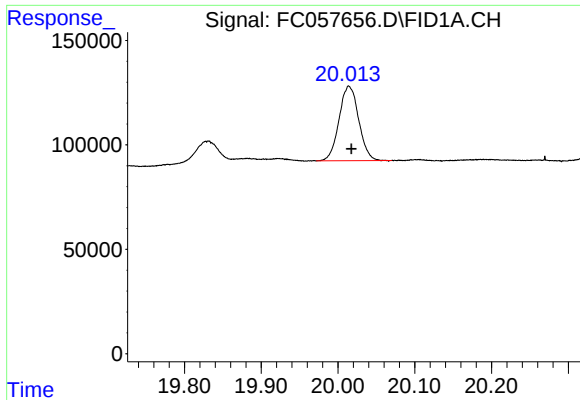
#19 n-Tetratriacontane (C34)

R.T.: 18.557 min  
Delta R.T.: -0.002 min  
Response: 768002  
Conc: 6.49 ug/ml



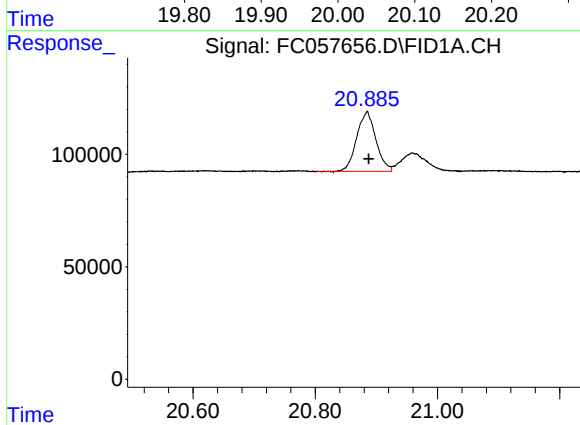
#20 n-Hexatriacontane (C36)

R.T.: 19.296 min  
Delta R.T.: -0.004 min  
Response: 703613  
Conc: 6.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.014 min  
Delta R.T.: -0.003 min  
Response: 633193  
Conc: 5.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.884 min  
Delta R.T.: -0.003 min  
Response: 579559  
Conc: 5.29 ug/ml