

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092121AL\  
 Data File : FC055725.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Sep 2021 9:35  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 22 03:03:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 21 03:14:48 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)    | 11.645 | 2592176    | 20.527 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.05%       |
| 12) S 1-chlorooctadecane (S... | 13.077 | 2055139    | 20.799 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.60%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.397  | 2246520    | 20.214 ug/ml |
| 2) T n-Decane (C10)            | 4.465  | 2268011    | 20.248 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.056  | 2533376    | 20.180 ug/ml |
| 4) T n-Dodecane (C12)          | 6.485  | 2274932    | 20.330 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.113  | 2553074    | 20.193 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.281  | 2314856    | 20.450 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.882  | 2351655    | 20.583 ug/ml |
| 8) T n-Octadecane (C18)        | 11.324 | 2431709    | 20.494 ug/ml |
| 10) T n-Eicosane (C20)         | 12.632 | 2428467    | 20.573 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.244 | 2459667    | 20.616 ug/ml |
| 13) T n-Docosane (C22)         | 13.829 | 2434998    | 20.553 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.931 | 2428655    | 20.525 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.950 | 2347920    | 20.606 ug/ml |
| 16) T n-Octacosane (C28)       | 16.897 | 2270123    | 20.870 ug/ml |
| 17) T n-Tricontane (C30)       | 17.783 | 2167780    | 21.429 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.613 | 2009857    | 21.996 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.393 | 1855408    | 21.485 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.131 | 1658183    | 19.496 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.872 | 1505091    | 19.772 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.798 | 1573059    | 22.457 ug/ml |
| -----                          |        |            |              |

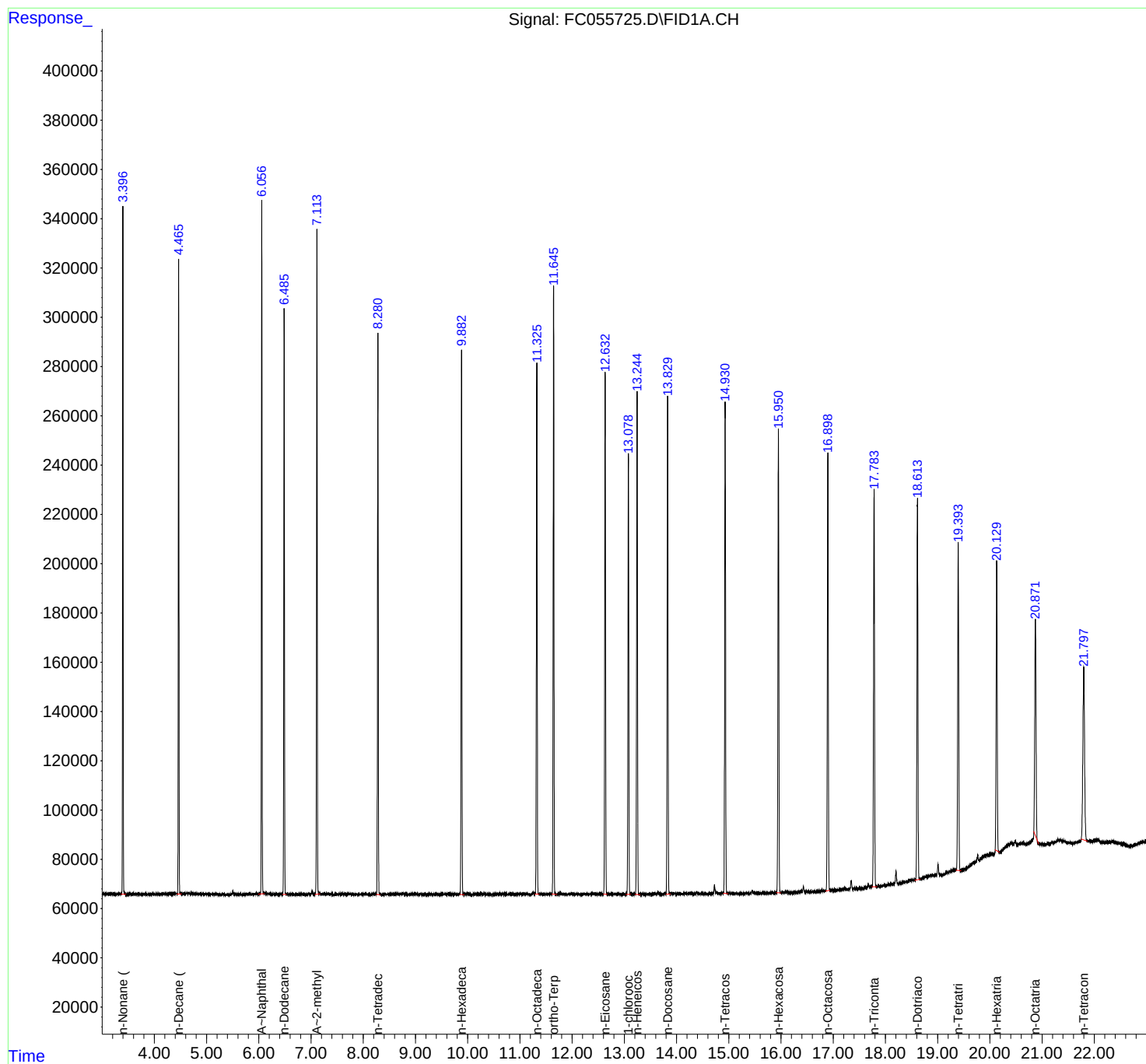
(f)=RT Delta > 1/2 Window

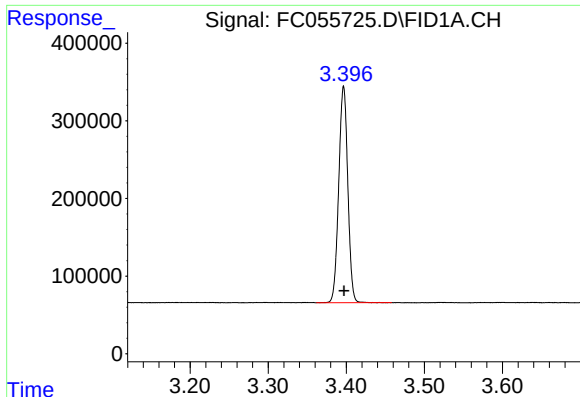
(m)=manual int.

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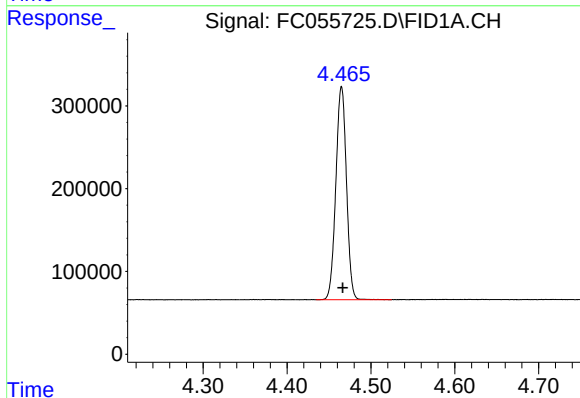
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Signal Info : 20M x 0.18mm x 0.18um





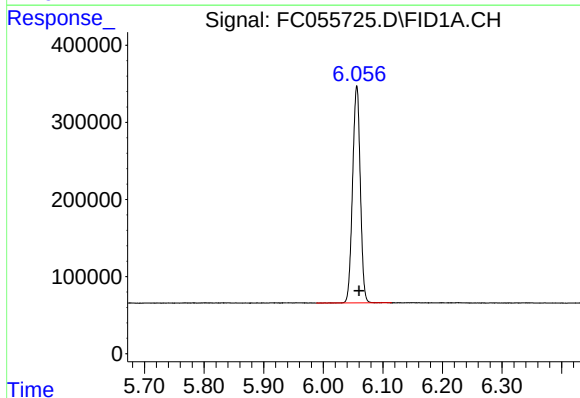
#1 n-Nonane (C9)

R.T.: 3.397 min  
Delta R.T.: 0.000 min  
Response: 2246520  
Conc: 20.21 ug/ml



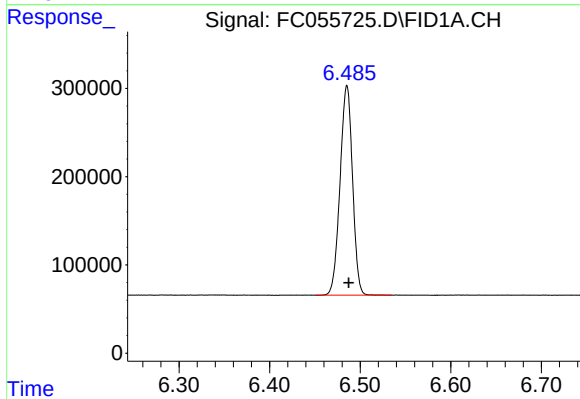
#2 n-Decane (C10)

R.T.: 4.465 min  
Delta R.T.: -0.002 min  
Response: 2268011  
Conc: 20.25 ug/ml



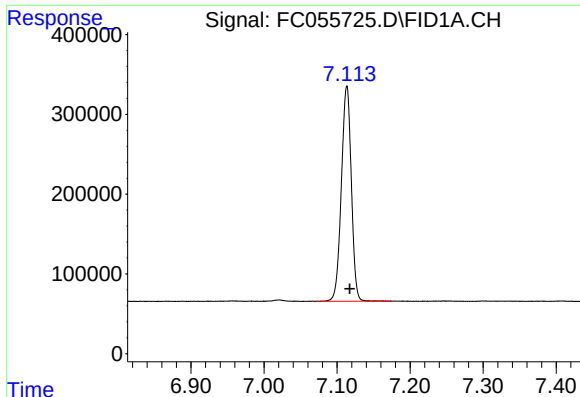
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min  
Delta R.T.: -0.004 min  
Response: 2533376  
Conc: 20.18 ug/ml



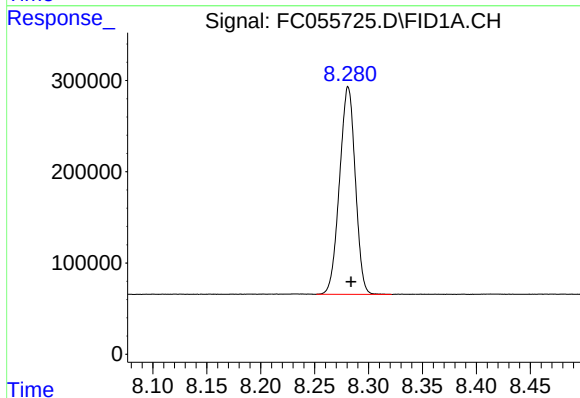
#4 n-Dodecane (C12)

R.T.: 6.485 min  
Delta R.T.: -0.002 min  
Response: 2274932  
Conc: 20.33 ug/ml



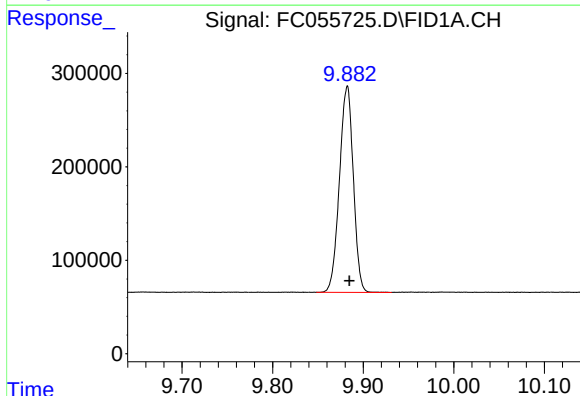
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.113 min  
Delta R.T.: -0.004 min  
Response: 2553074  
Conc: 20.19 ug/ml



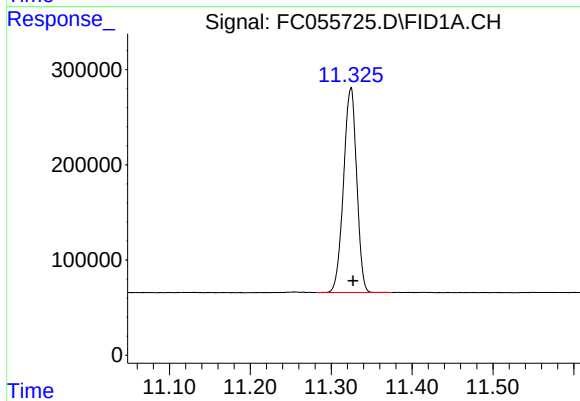
#6 n-Tetradecane (C14)

R.T.: 8.281 min  
Delta R.T.: -0.003 min  
Response: 2314856  
Conc: 20.45 ug/ml



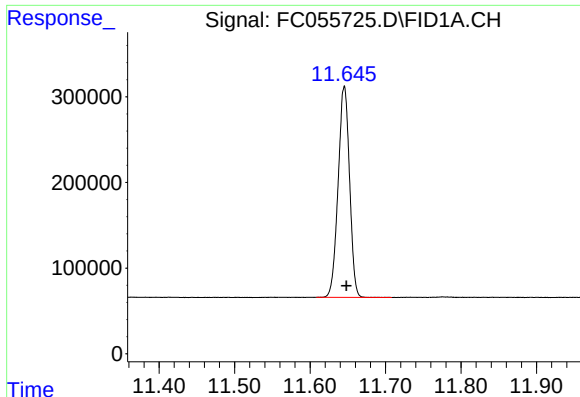
#7 n-Hexadecane (C16)

R.T.: 9.882 min  
Delta R.T.: -0.003 min  
Response: 2351655  
Conc: 20.58 ug/ml



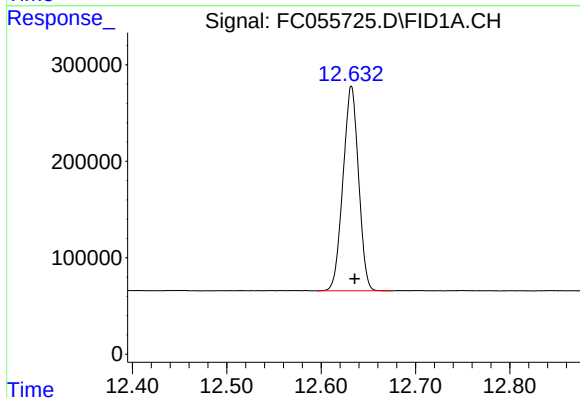
#8 n-Octadecane (C18)

R.T.: 11.324 min  
Delta R.T.: -0.003 min  
Response: 2431709  
Conc: 20.49 ug/ml



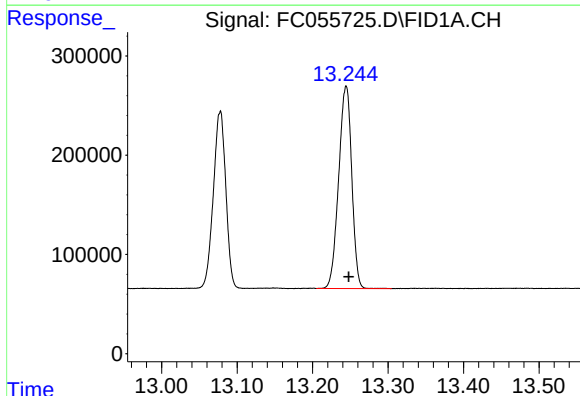
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min  
Delta R.T.: -0.003 min  
Response: 2592176  
Conc: 20.53 ug/ml



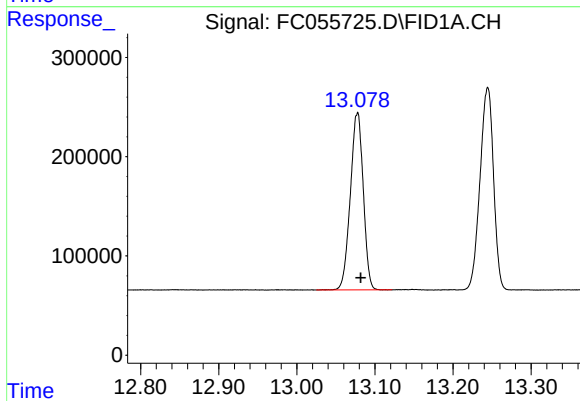
#10 n-Eicosane (C20)

R.T.: 12.632 min  
Delta R.T.: -0.004 min  
Response: 2428467  
Conc: 20.57 ug/ml



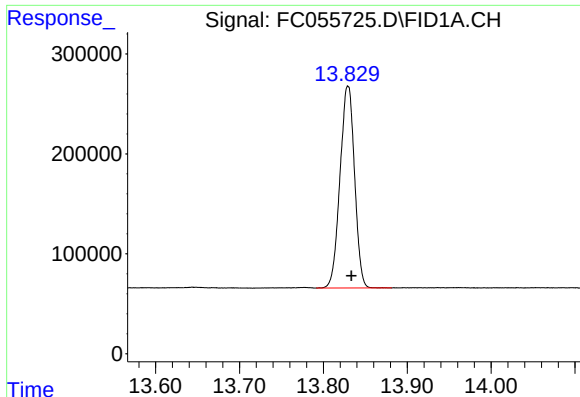
#11 n-Heneicosane (C21)

R.T.: 13.244 min  
Delta R.T.: -0.003 min  
Response: 2459667  
Conc: 20.62 ug/ml



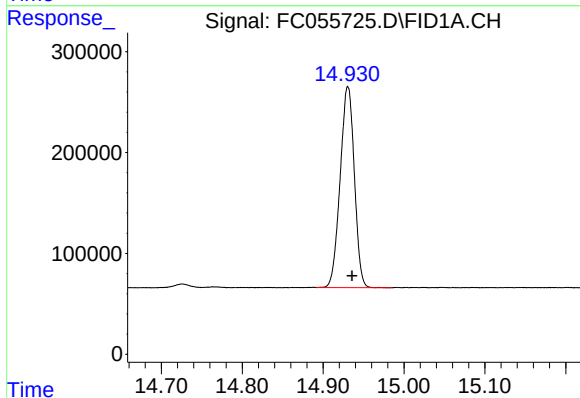
#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min  
Delta R.T.: -0.004 min  
Response: 2055139  
Conc: 20.80 ug/ml



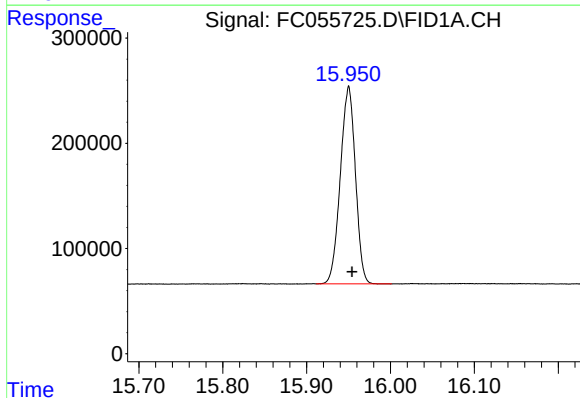
#13 n-Docosane (C22)

R.T.: 13.829 min  
Delta R.T.: -0.004 min  
Response: 2434998  
Conc: 20.55 ug/ml



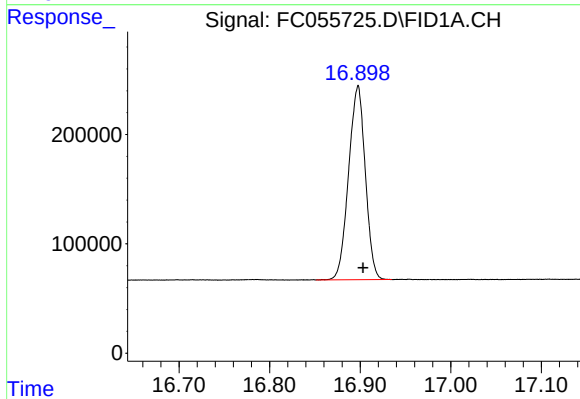
#14 n-Tetracosane (C24)

R.T.: 14.931 min  
Delta R.T.: -0.005 min  
Response: 2428655  
Conc: 20.52 ug/ml



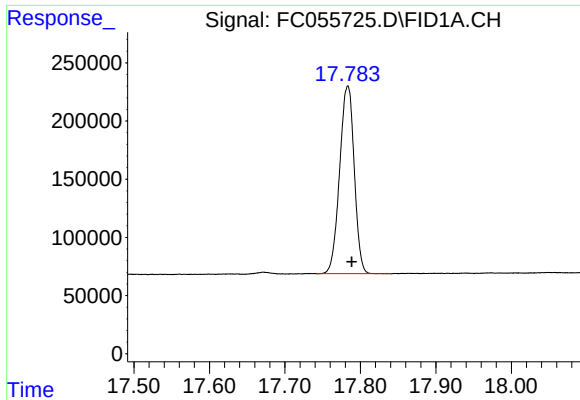
#15 n-Hexacosane (C26)

R.T.: 15.950 min  
Delta R.T.: -0.004 min  
Response: 2347920  
Conc: 20.61 ug/ml



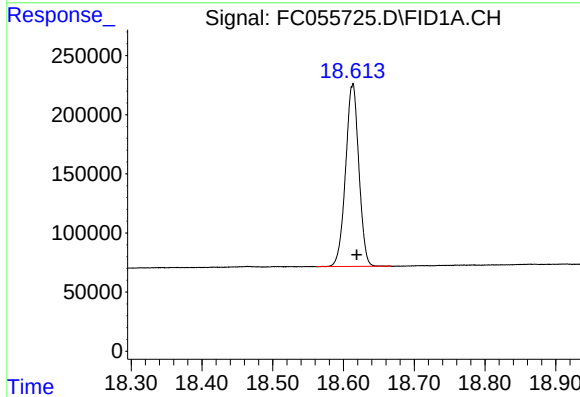
#16 n-Octacosane (C28)

R.T.: 16.897 min  
Delta R.T.: -0.006 min  
Response: 2270123  
Conc: 20.87 ug/ml



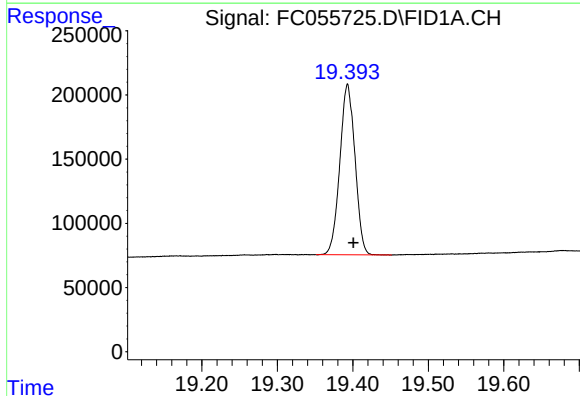
#17 n-Tricontane (C30)

R.T.: 17.783 min  
Delta R.T.: -0.005 min  
Response: 2167780  
Conc: 21.43 ug/ml



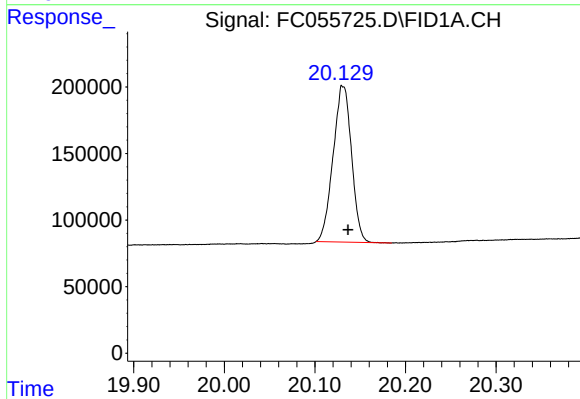
#18 n-Dotriacontane (C32)

R.T.: 18.613 min  
Delta R.T.: -0.006 min  
Response: 2009857  
Conc: 22.00 ug/ml



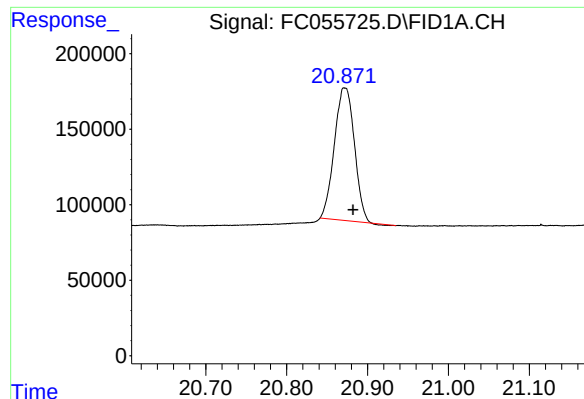
#19 n-Tetratriacontane (C34)

R.T.: 19.393 min  
Delta R.T.: -0.008 min  
Response: 1855408  
Conc: 21.49 ug/ml



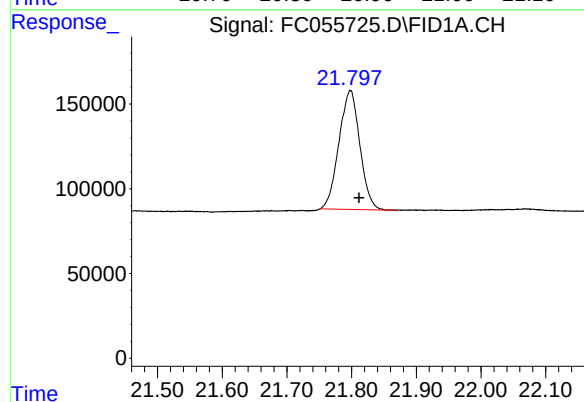
#20 n-Hexatriacontane (C36)

R.T.: 20.131 min  
Delta R.T.: -0.006 min  
Response: 1658183  
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.872 min  
Delta R.T.: -0.010 min  
Response: 1505091  
Conc: 19.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.798 min  
Delta R.T.: -0.014 min  
Response: 1573059  
Conc: 22.46 ug/ml