

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102720AL\  
 Data File : FC050376.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Oct 2020 8:22  
 Operator : DD\AJ  
 Sample : PB132616BSD  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB132616BSD

Manual Integrations  
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 10/28/2020 3:42:57 PM

Integration File: autoint1.e  
 Quant Time: Oct 28 09:27:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 100620.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 07 04:53:04 2020  
 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)    | 11.631 | 5433301    | 48.472 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 96.94%        |
| 12) S 1-chlorooctadecane (S... | 13.064 | 4310467    | 49.760 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 99.52%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.391  | 4560148    | 46.016 ug/ml  |
| 2) T n-Decane (C10)            | 4.453  | 4674968    | 46.956 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.041  | 5073625    | 46.033 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.467  | 4742174    | 46.998 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.098  | 4930617    | 44.298 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.265  | 4758420    | 47.498 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.866  | 4675766    | 47.443 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.309 | 4721620    | 45.719 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.618 | 4601253    | 44.219 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.230 | 4538935    | 43.679 ug/ml  |
| 13) T n-Docosane (C22)         | 13.816 | 4470163    | 43.063 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.918 | 8789894    | 84.625 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.938 | 4268692    | 41.425 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.887 | 4331796    | 41.856 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.775 | 4152348    | 40.690 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.605 | 3972746    | 41.354 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.387 | 3636260    | 39.643 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.125 | 3150405    | 35.567 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.871 | 2749244    | 33.341 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.801 | 2598098    | 31.070 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
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Misc :  
ALS Vial : 36 Sample Multiplier: 1

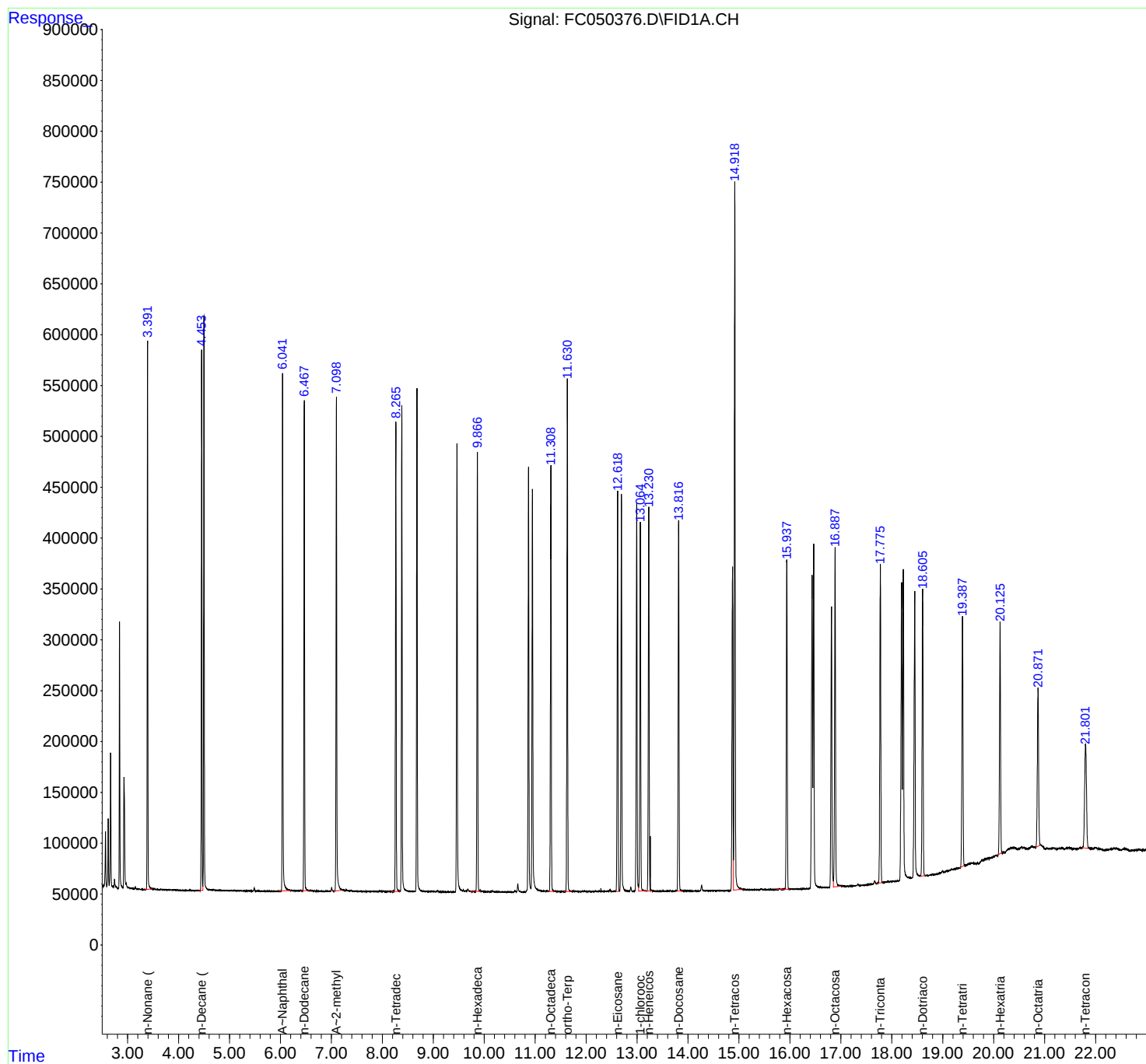
Instrument :  
FID\_C  
ClientSampleId :  
PB132616BSD

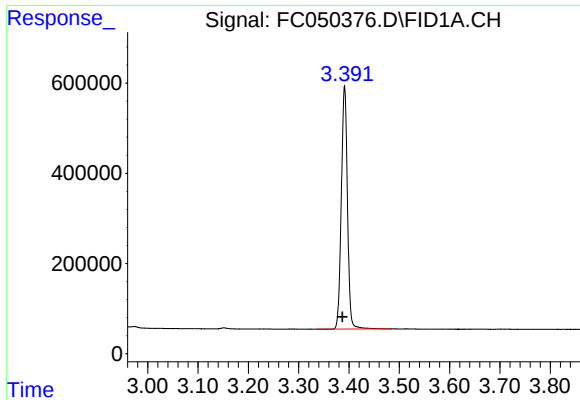
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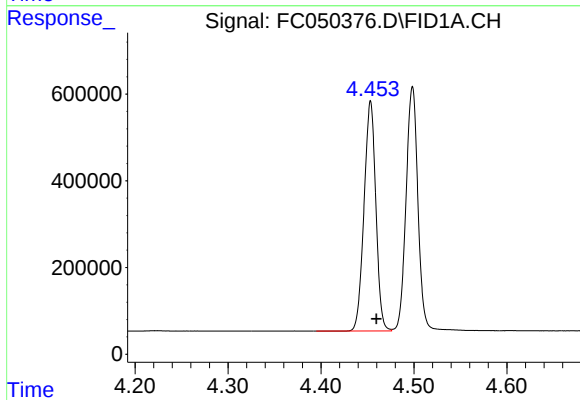
#1 n-Nonane (C9)

R.T.: 3.391 min  
Delta R.T.: 0.004 min  
Response: 4560148  
Conc: 46.02 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB132616BSD

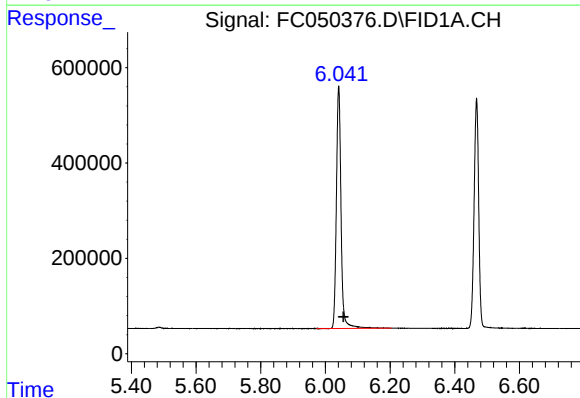
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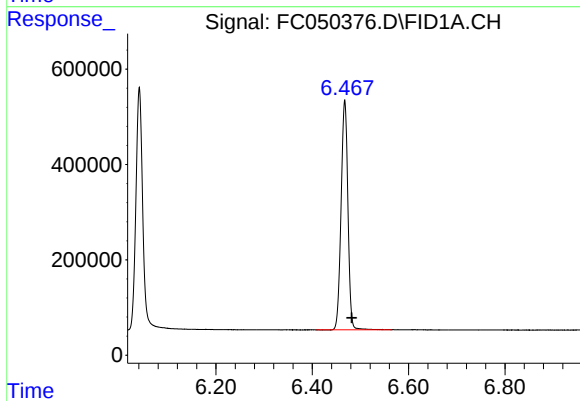
#2 n-Decane (C10)

R.T.: 4.453 min  
Delta R.T.: -0.006 min  
Response: 4674968  
Conc: 46.96 ug/ml



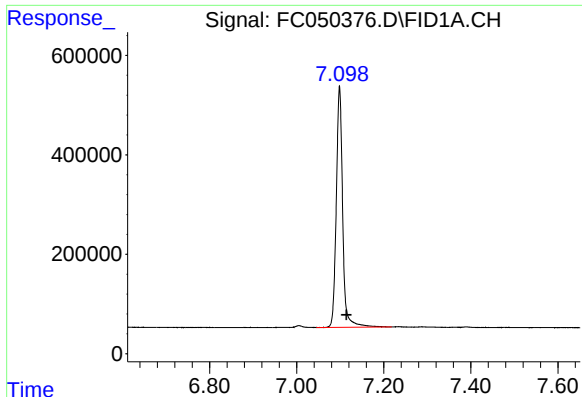
#3 A~Naphthalene (C11.7)

R.T.: 6.041 min  
Delta R.T.: -0.015 min  
Response: 5073625  
Conc: 46.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min  
Delta R.T.: -0.014 min  
Response: 4742174  
Conc: 47.00 ug/ml



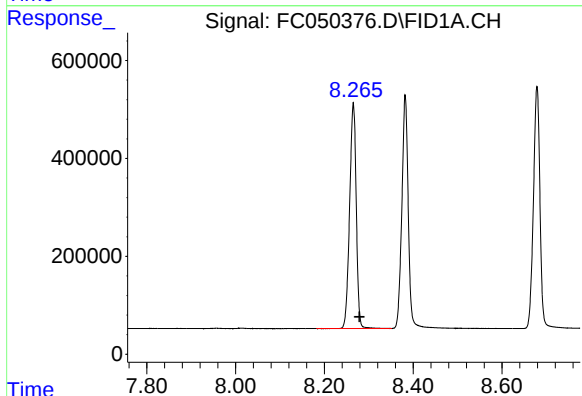
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.098 min  
Delta R.T.: -0.016 min  
Response: 4930617  
Conc: 44.30 ug/ml

Instrument :  
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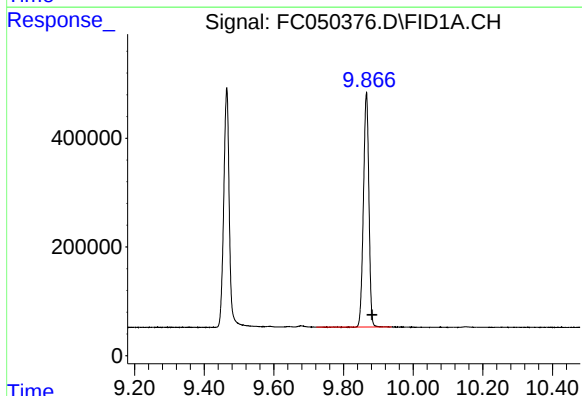
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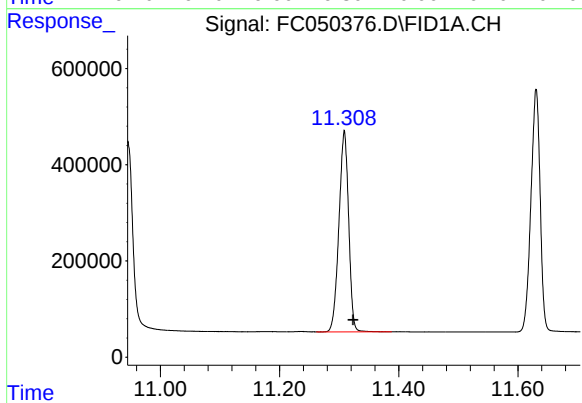
#6 n-Tetradecane (C14)

R.T.: 8.265 min  
Delta R.T.: -0.014 min  
Response: 4758420  
Conc: 47.50 ug/ml



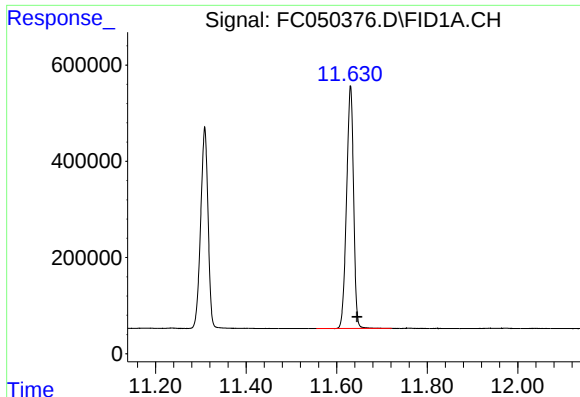
#7 n-Hexadecane (C16)

R.T.: 9.866 min  
Delta R.T.: -0.016 min  
Response: 4675766  
Conc: 47.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.309 min  
Delta R.T.: -0.015 min  
Response: 4721620  
Conc: 45.72 ug/ml



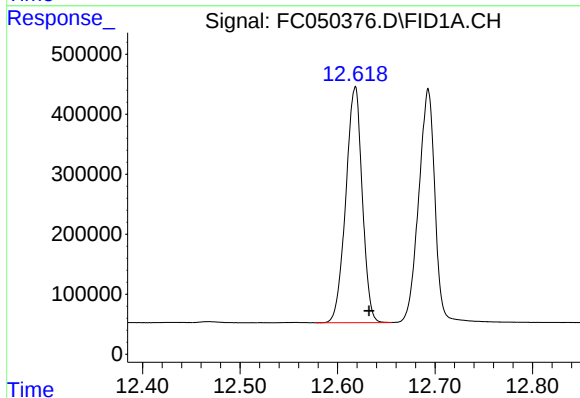
#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min  
Delta R.T.: -0.014 min  
Response: 5433301  
Conc: 48.47 ug/ml

Instrument :  
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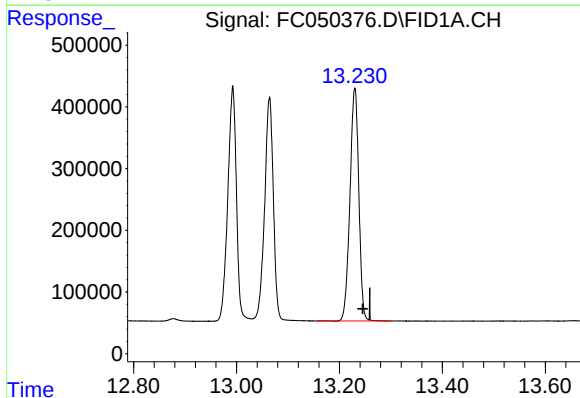
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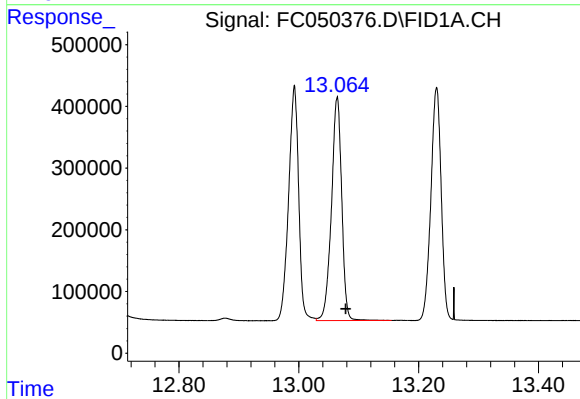
#10 n-Eicosane (C20)

R.T.: 12.618 min  
Delta R.T.: -0.015 min  
Response: 4601253  
Conc: 44.22 ug/ml



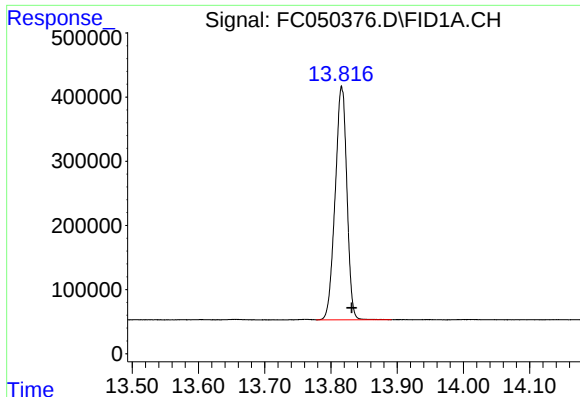
#11 n-Heneicosane (C21)

R.T.: 13.230 min  
Delta R.T.: -0.015 min  
Response: 4538935  
Conc: 43.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.064 min  
Delta R.T.: -0.014 min  
Response: 4310467  
Conc: 49.76 ug/ml



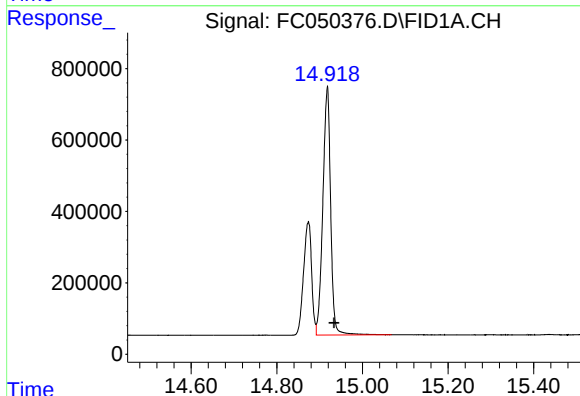
#13 n-Docosane (C22)

R.T.: 13.816 min  
Delta R.T.: -0.015 min  
Response: 4470163  
Conc: 43.06 ug/ml

Instrument :  
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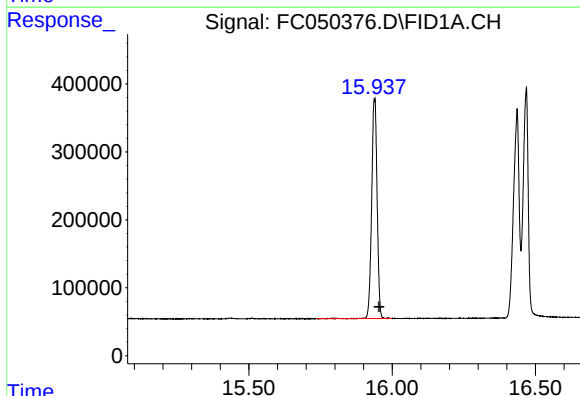
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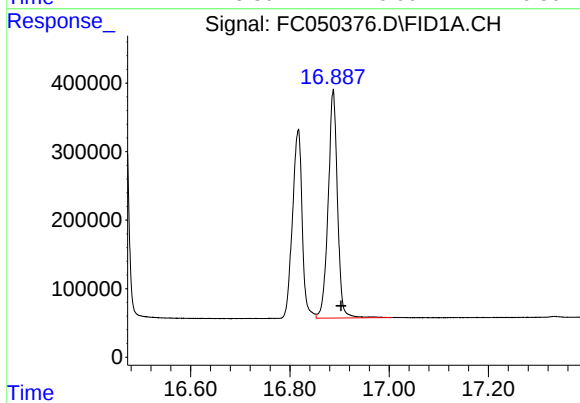
#14 n-Tetracosane (C24)

R.T.: 14.918 min  
Delta R.T.: -0.017 min  
Response: 8789894  
Conc: 84.63 ug/ml



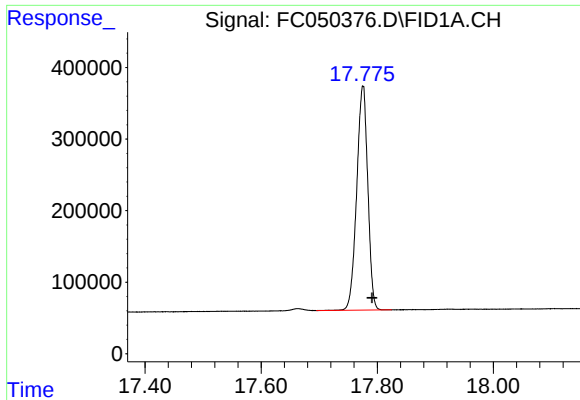
#15 n-Hexacosane (C26)

R.T.: 15.938 min  
Delta R.T.: -0.016 min  
Response: 4268692  
Conc: 41.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.887 min  
Delta R.T.: -0.016 min  
Response: 4331796  
Conc: 41.86 ug/ml



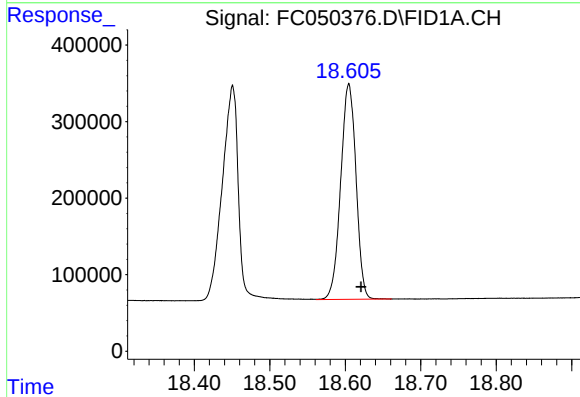
#17 n-Tricontane (C30)

R.T.: 17.775 min  
Delta R.T.: -0.016 min  
Response: 4152348  
Conc: 40.69 ug/ml

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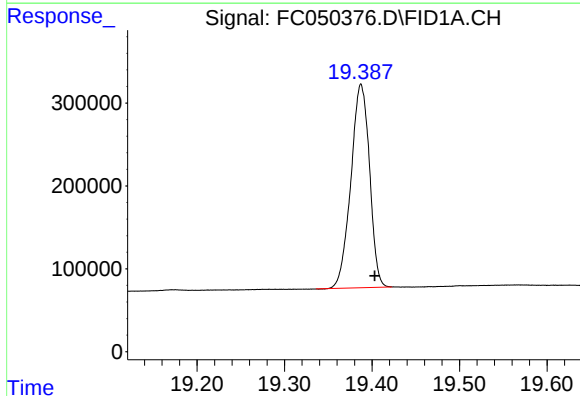
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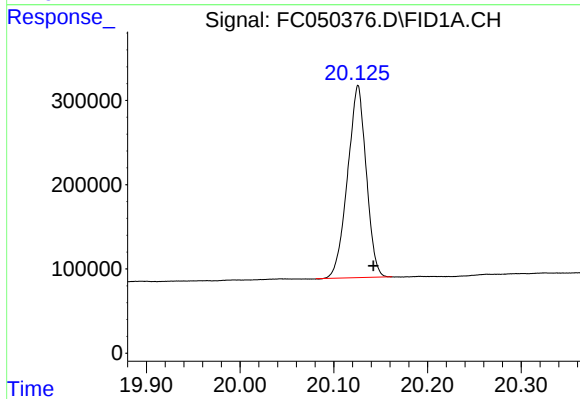
#18 n-Dotriacontane (C32)

R.T.: 18.605 min  
Delta R.T.: -0.016 min  
Response: 3972746  
Conc: 41.35 ug/ml



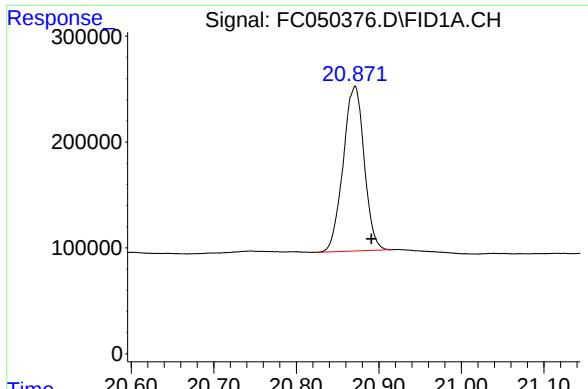
#19 n-Tetratriacontane (C34)

R.T.: 19.387 min  
Delta R.T.: -0.016 min  
Response: 3636260  
Conc: 39.64 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.125 min  
Delta R.T.: -0.017 min  
Response: 3150405  
Conc: 35.57 ug/ml m



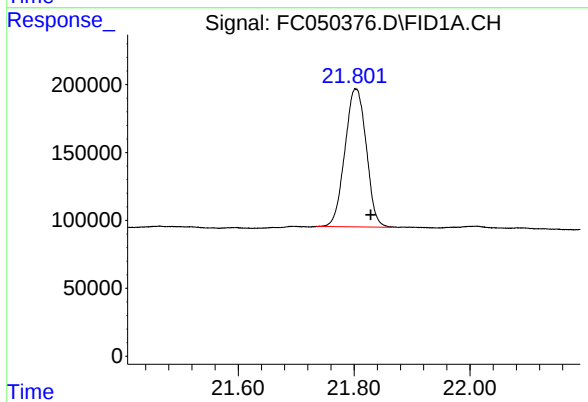
#21 n-Octatriacontane (C38)

R.T.: 20.871 min  
Delta R.T.: -0.020 min  
Response: 2749244  
Conc: 33.34 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.801 min  
Delta R.T.: -0.028 min  
Response: 2598098  
Conc: 31.07 ug/ml m