

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080421AL\  
 Data File : FC054994.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Aug 2021 15:41  
 Operator : AJ\MA  
 Sample : PB138181BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB138181BSD

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Aug 05 01:14:11 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 04 02:08:31 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)    | 11.307 | 6056747    | 48.108 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 96.22%        |
| 12) S 1-chlorooctadecane (S... | 12.747 | 4917976    | 49.623 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 99.25%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.148  | 4369591    | 41.788 ug/ml  |
| 2) T n-Decane (C10)            | 4.193  | 4617198    | 43.845 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.752  | 5457914    | 50.230 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.190  | 5225406    | 48.120 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.803  | 5423564    | 49.694 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.978  | 5761812    | 51.612 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.569  | 6052864    | 53.071 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.005 | 6309988    | 53.510 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.308 | 6108487    | 52.030 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.917 | 6116111    | 51.798 ug/ml  |
| 13) T n-Docosane (C22)         | 13.501 | 6019040    | 51.534 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.601 | 6263592    | 54.113 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.619 | 5687745    | 50.751 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.565 | 5851900    | 53.898 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.452 | 5214406    | 49.941 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.279 | 4924562    | 49.726 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.063 | 4523031    | 47.722 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.799 | 4229762    | 46.807 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.500 | 4007620    | 46.382 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.308 | 4087217    | 45.896 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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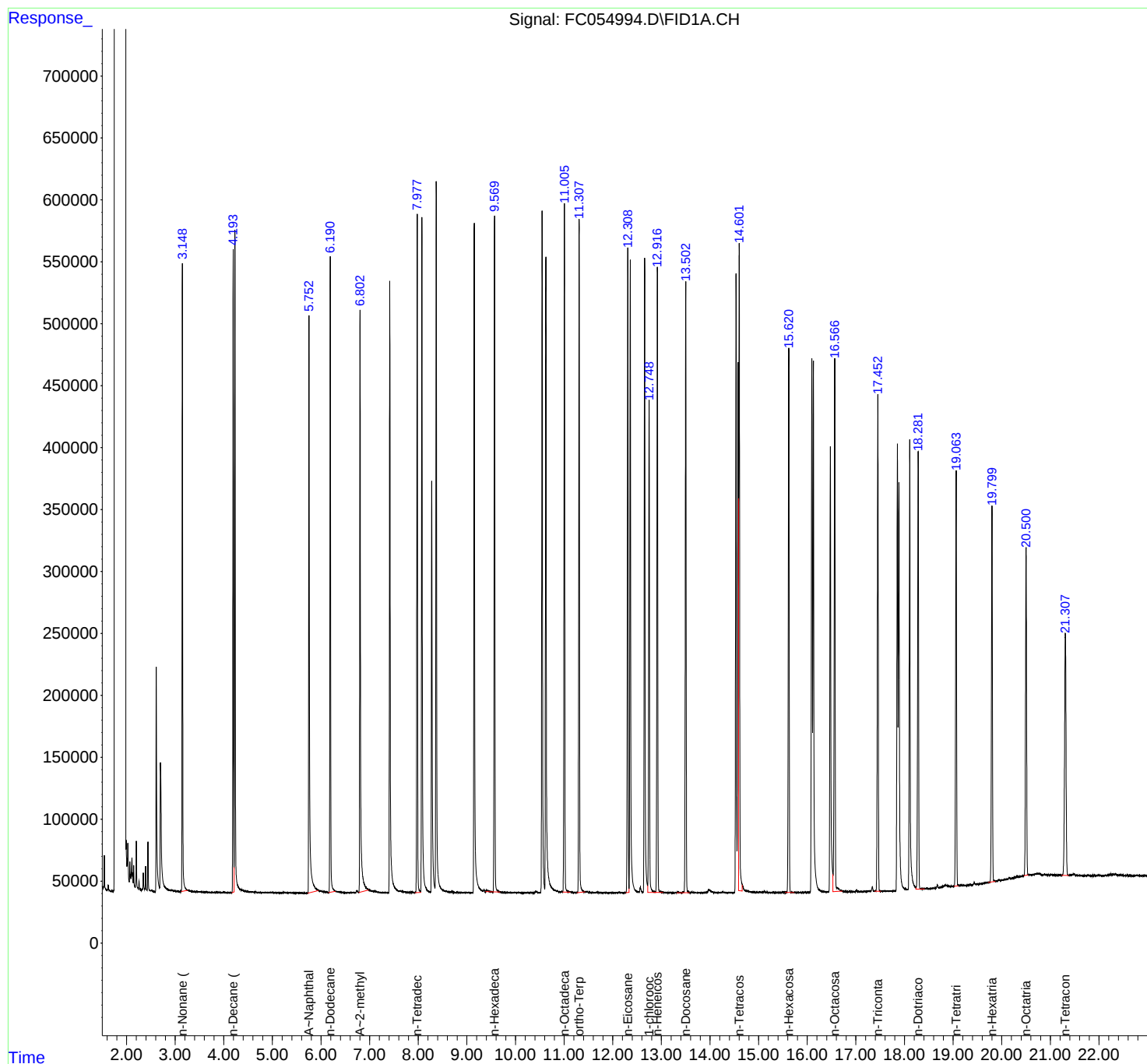
Instrument :  
FID\_C  
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PB138181BSD

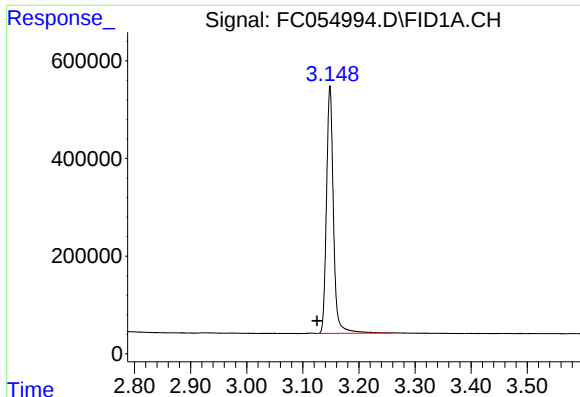
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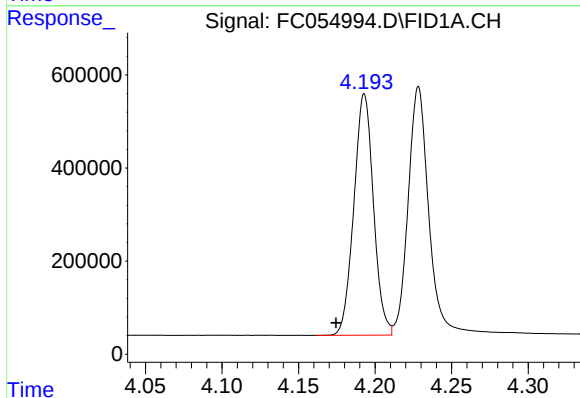
#1 n-Nonane (C9)

R.T.: 3.148 min  
Delta R.T.: 0.023 min  
Response: 4369591  
Conc: 41.79 ug/ml

Instrument :  
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ClientSampleId :  
PB138181BSD

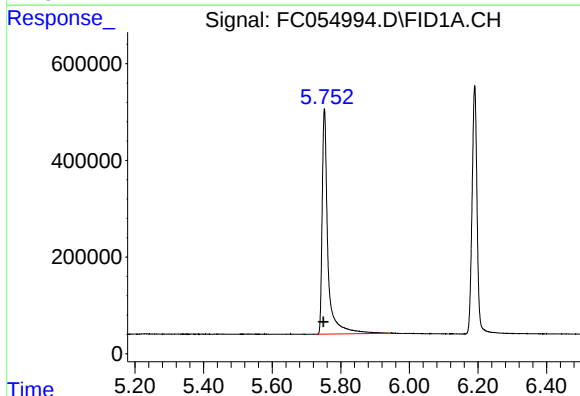
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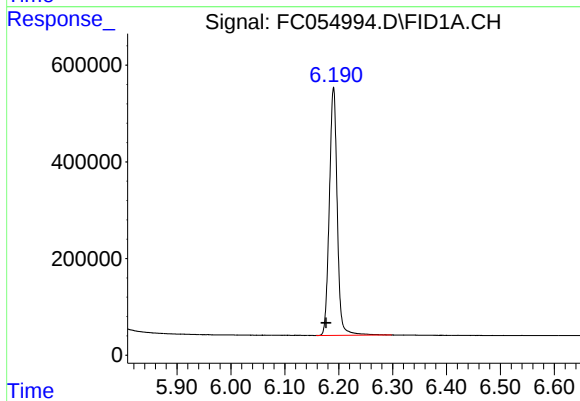
#2 n-Decane (C10)

R.T.: 4.193 min  
Delta R.T.: 0.018 min  
Response: 4617198  
Conc: 43.85 ug/ml



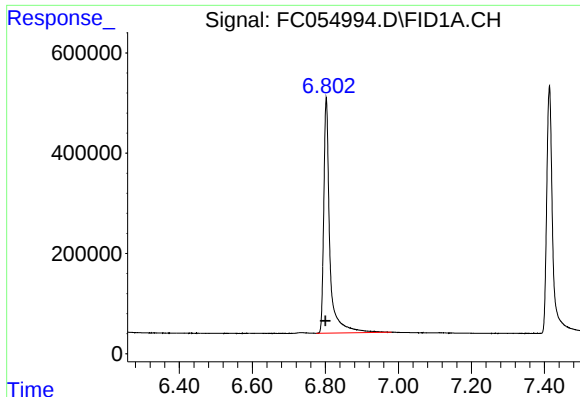
#3 A~Naphthalene (C11.7)

R.T.: 5.752 min  
Delta R.T.: 0.004 min  
Response: 5457914  
Conc: 50.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.190 min  
Delta R.T.: 0.013 min  
Response: 5225406  
Conc: 48.12 ug/ml



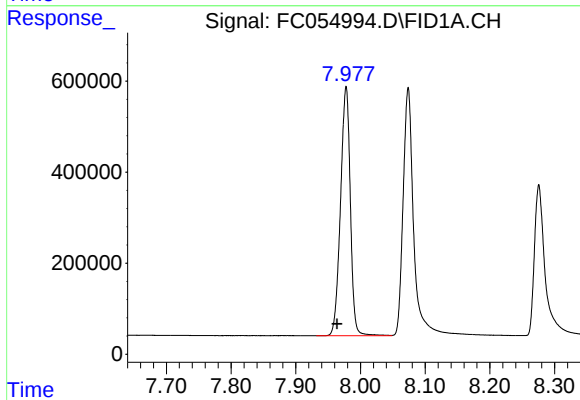
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.803 min  
Delta R.T.: 0.002 min  
Response: 5423564  
Conc: 49.69 ug/ml

Instrument :  
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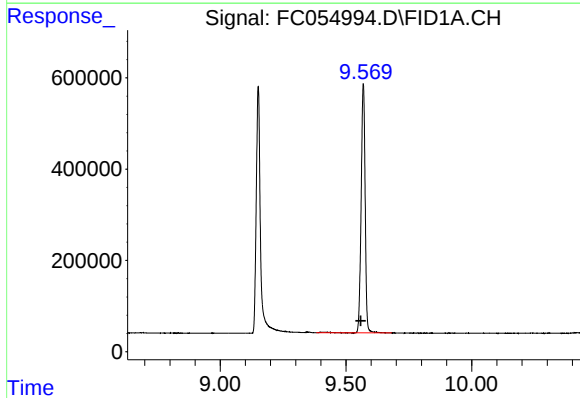
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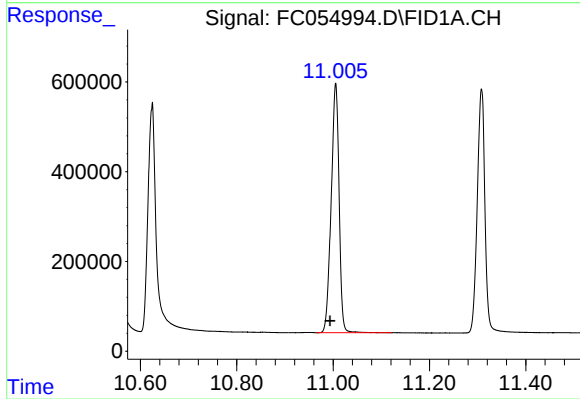
#6 n-Tetradecane (C14)

R.T.: 7.978 min  
Delta R.T.: 0.014 min  
Response: 5761812  
Conc: 51.61 ug/ml



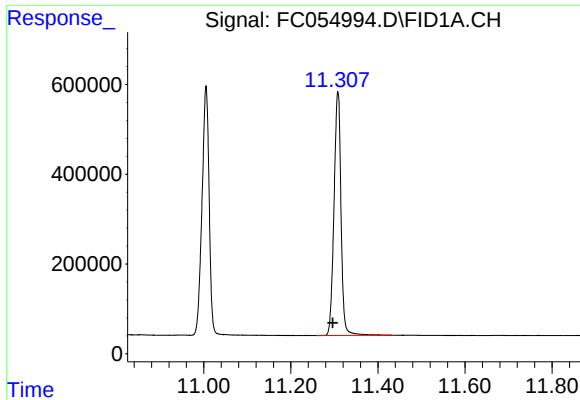
#7 n-Hexadecane (C16)

R.T.: 9.569 min  
Delta R.T.: 0.011 min  
Response: 6052864  
Conc: 53.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.005 min  
Delta R.T.: 0.011 min  
Response: 6309988  
Conc: 53.51 ug/ml



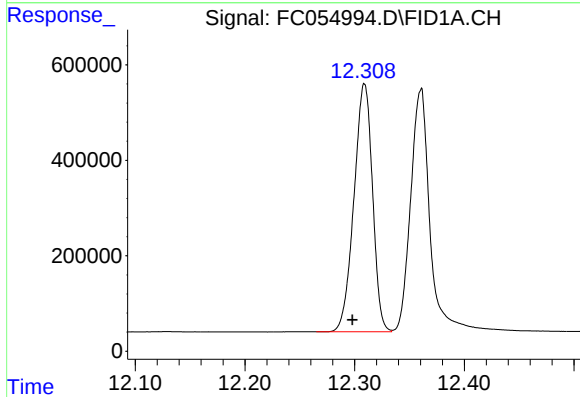
#9 ortho-Terphenyl (SURR)

R.T.: 11.307 min  
Delta R.T.: 0.011 min  
Response: 6056747  
Conc: 48.11 ug/ml

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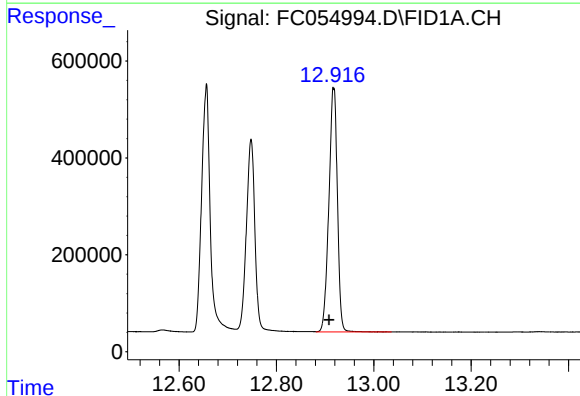
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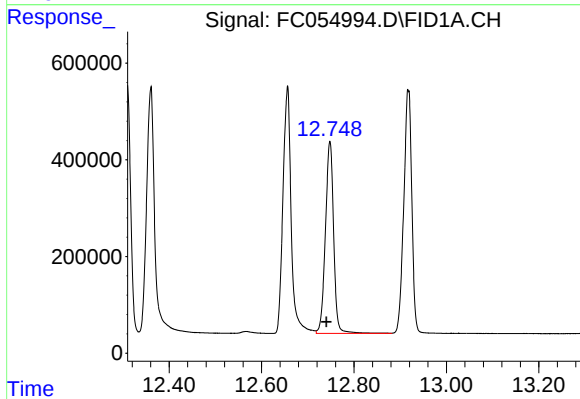
#10 n-Eicosane (C20)

R.T.: 12.308 min  
Delta R.T.: 0.011 min  
Response: 6108487  
Conc: 52.03 ug/ml



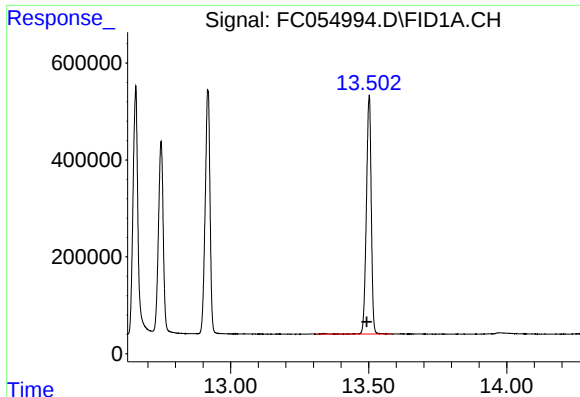
#11 n-Heneicosane (C21)

R.T.: 12.917 min  
Delta R.T.: 0.009 min  
Response: 6116111  
Conc: 51.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.747 min  
Delta R.T.: 0.007 min  
Response: 4917976  
Conc: 49.62 ug/ml



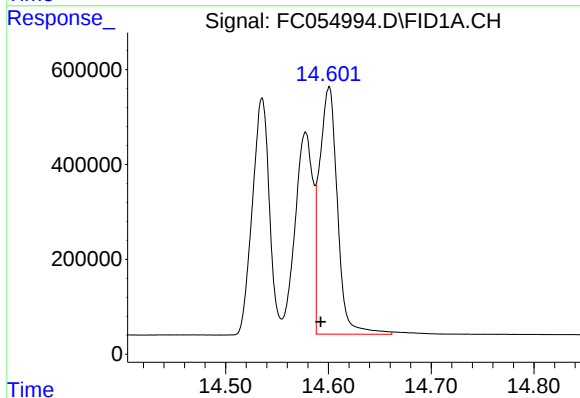
#13 n-Docosane (C22)

R.T.: 13.501 min  
Delta R.T.: 0.008 min  
Response: 6019040  
Conc: 51.53 ug/ml

Instrument :  
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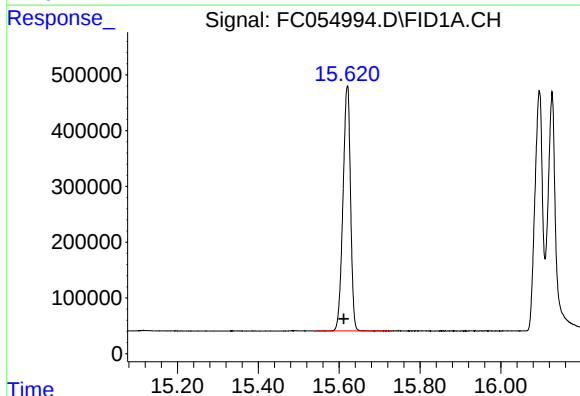
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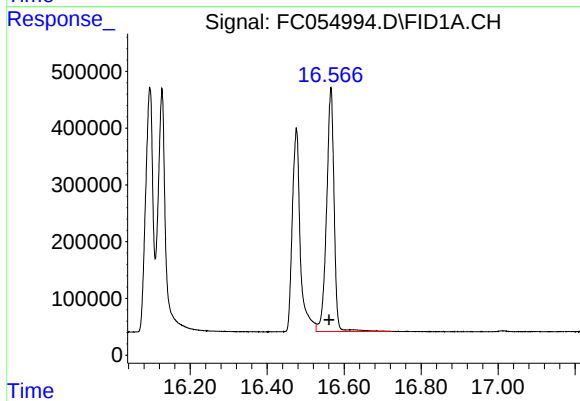
#14 n-Tetracosane (C24)

R.T.: 14.601 min  
Delta R.T.: 0.008 min  
Response: 6263592  
Conc: 54.11 ug/ml m



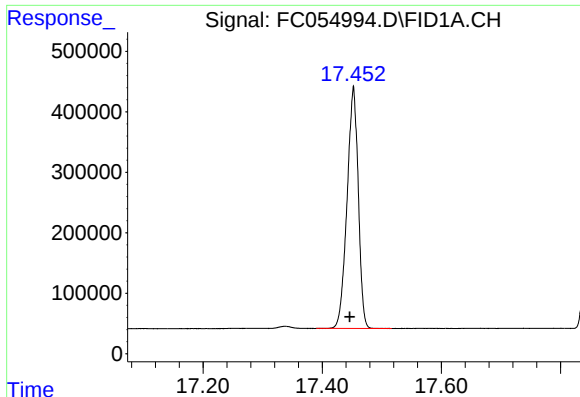
#15 n-Hexacosane (C26)

R.T.: 15.619 min  
Delta R.T.: 0.008 min  
Response: 5687745  
Conc: 50.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.565 min  
Delta R.T.: 0.004 min  
Response: 5851900  
Conc: 53.90 ug/ml



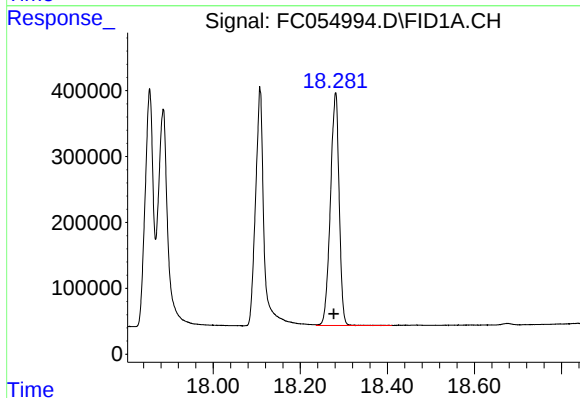
#17 n-Tricontane (C30)

R.T.: 17.452 min  
Delta R.T.: 0.005 min  
Response: 5214406  
Conc: 49.94 ug/ml

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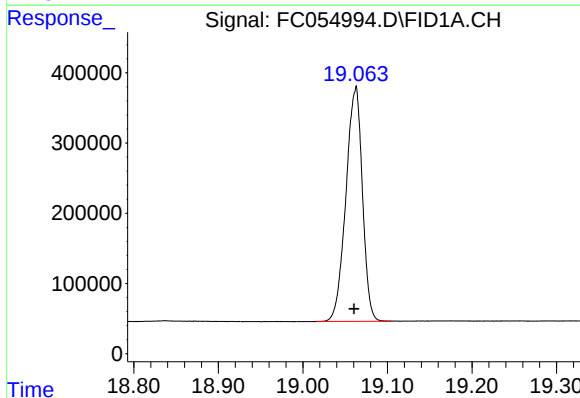
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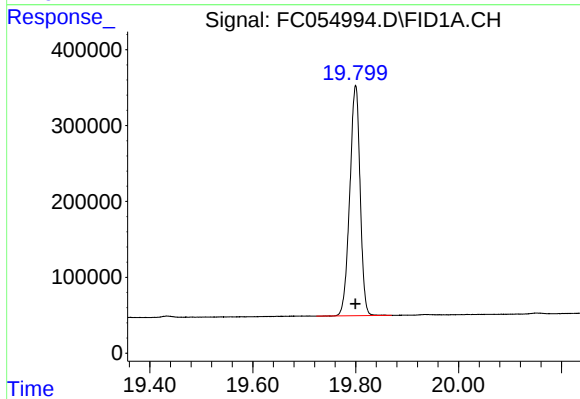
#18 n-Dotriacontane (C32)

R.T.: 18.279 min  
Delta R.T.: 0.002 min  
Response: 4924562  
Conc: 49.73 ug/ml



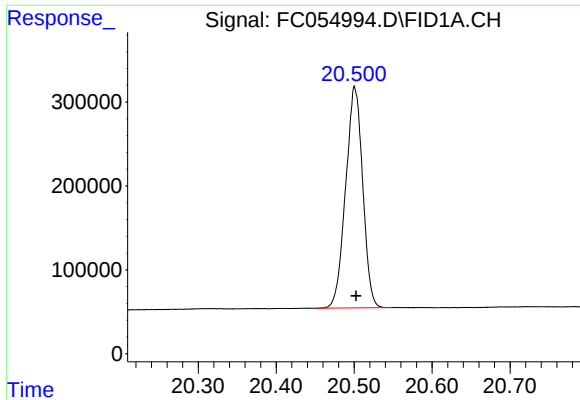
#19 n-Tetratriacontane (C34)

R.T.: 19.063 min  
Delta R.T.: 0.002 min  
Response: 4523031  
Conc: 47.72 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.799 min  
Delta R.T.: 0.000 min  
Response: 4229762  
Conc: 46.81 ug/ml



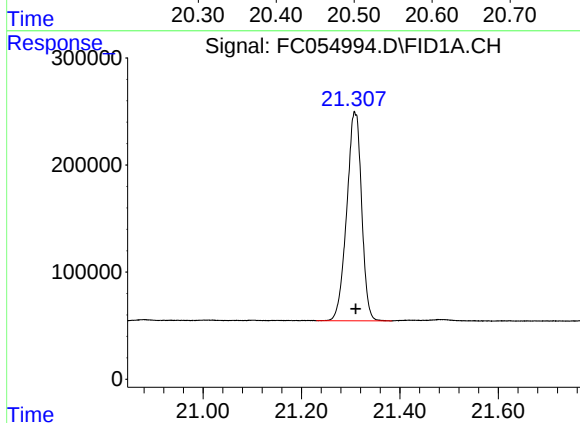
#21 n-Octatriacontane (C38)

R.T.: 20.500 min  
Delta R.T.: -0.003 min  
Response: 4007620  
Conc: 46.38 ug/ml m

Instrument :  
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#22 n-Tetracontane (C40)

R.T.: 21.308 min  
Delta R.T.: -0.003 min  
Response: 4087217  
Conc: 45.90 ug/ml