

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC010522AL\  
 Data File : FC057715.D  
 Signal(s) : FID1A.CH  
 Acq On : 05 Jan 2022 17:30  
 Operator : AJ\MA  
 Sample : PB141852BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB141852BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/06/2022  
 Supervised By :Ankita Jodhani 01/06/2022

Integration File: autoint1.e  
 Quant Time: Jan 05 23:57:55 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 12:13:43 2022  
 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)    | 10.720 | 8576298    | 44.353 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 88.71%        |
| 12) S 1-chlorooctadecane (S... | 12.156 | 6565056    | 44.543 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 89.09%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.671  | 7759473    | 48.524 ug/mlm |
| 2) T n-Decane (C10)            | 3.650  | 8098166    | 50.383 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.178  | 9364138    | 51.570 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.610  | 8257465    | 51.200 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.216  | 9106112    | 49.796 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.390  | 8320959    | 50.402 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.981  | 8476687    | 50.746 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.415 | 8404083    | 48.836 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.719 | 8424056    | 49.207 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.327 | 7975584    | 46.122 ug/ml  |
| 13) T n-Docosane (C22)         | 12.910 | 7876032    | 45.525 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.008 | 7732706    | 44.670 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.027 | 7375536    | 43.827 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.971 | 7091819    | 43.337 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.858 | 6679460    | 42.783 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.686 | 5773269    | 41.408 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.466 | 4220083    | 33.954 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.203 | 2674689    | 24.057 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.908 | 1925967    | 18.463 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.737 | 1487262    | 15.532 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA  
Sample : PB141852BSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

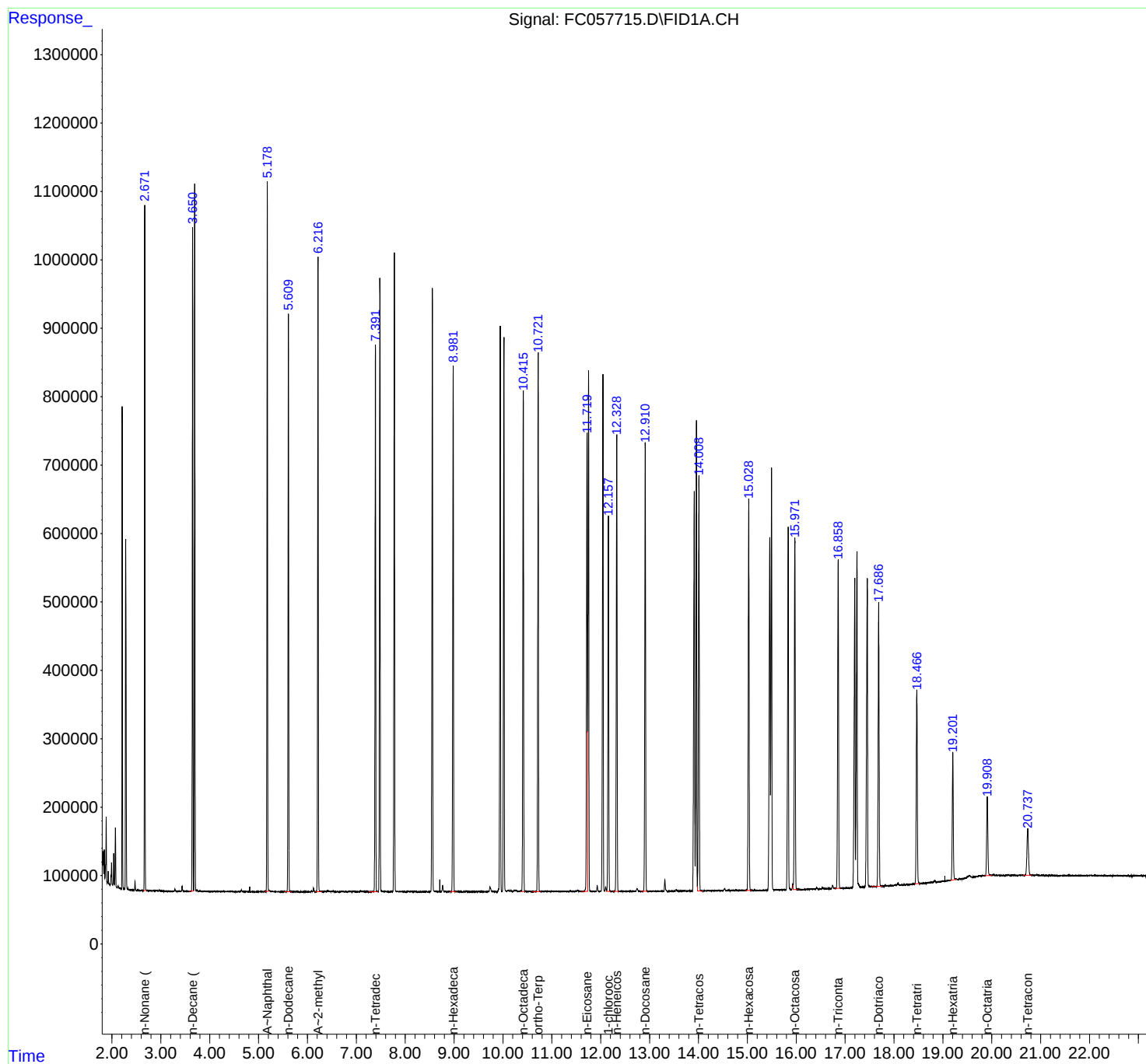
Instrument :  
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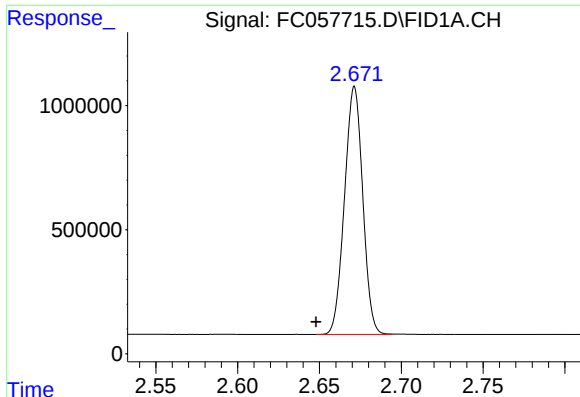
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.671 min  
Delta R.T.: 0.023 min  
Response: 7759473  
Conc: 48.52 ug/ml

Instrument :

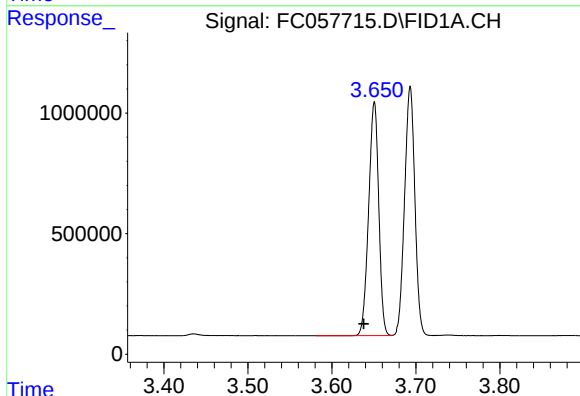
FID\_C

ClientSampleId :

PB141852BSD

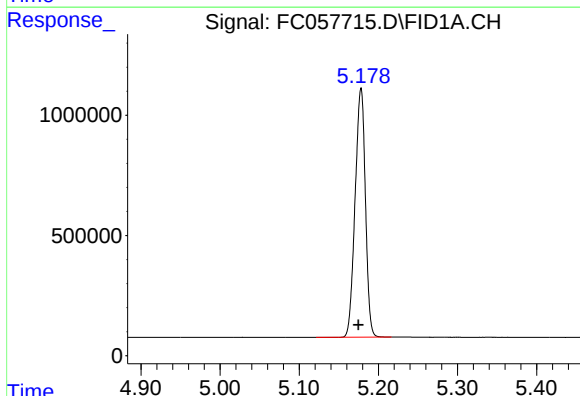
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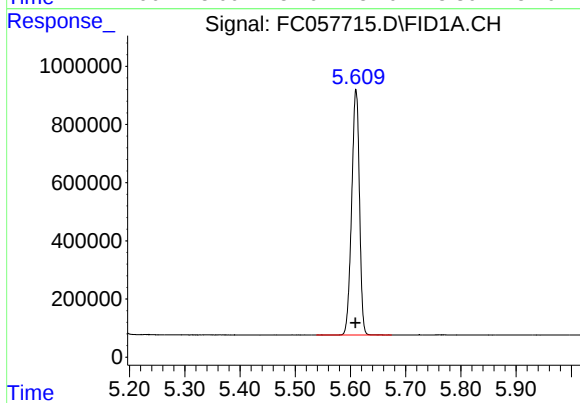
#2 n-Decane (C10)

R.T.: 3.650 min  
Delta R.T.: 0.012 min  
Response: 8098166  
Conc: 50.38 ug/ml



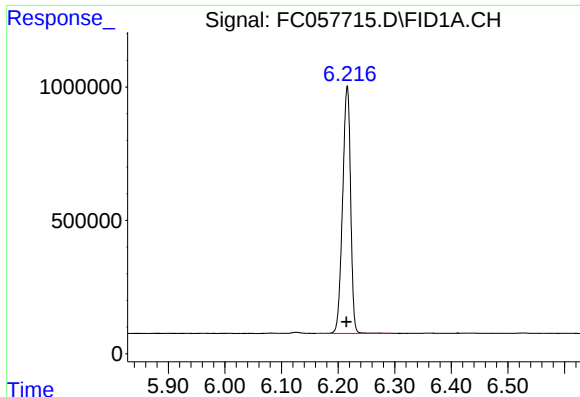
#3 A~Naphthalene (C11.7)

R.T.: 5.178 min  
Delta R.T.: 0.003 min  
Response: 9364138  
Conc: 51.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.610 min  
Delta R.T.: 0.001 min  
Response: 8257465  
Conc: 51.20 ug/ml



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

R.T.: 6.216 min  
Delta R.T.: 0.001 min  
Response: 9106112  
Conc: 49.80 ug/ml

Instrument :

FID\_C

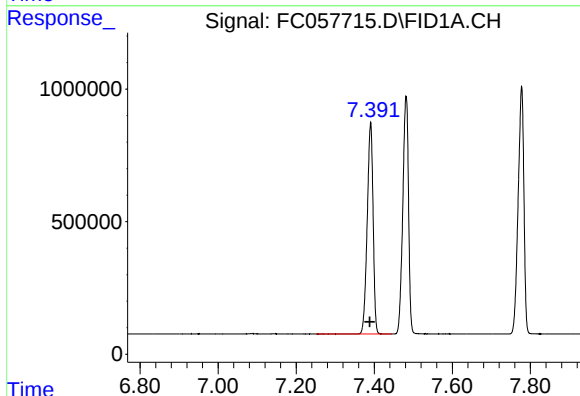
ClientSampleId :

PB141852BSD

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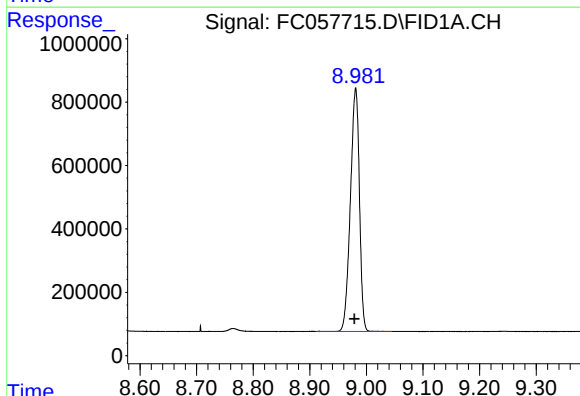
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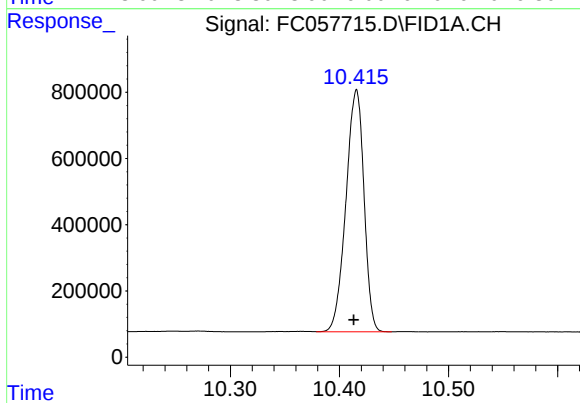
#6 n-Tetradecane (C14)

R.T.: 7.390 min  
Delta R.T.: 0.002 min  
Response: 8320959  
Conc: 50.40 ug/ml



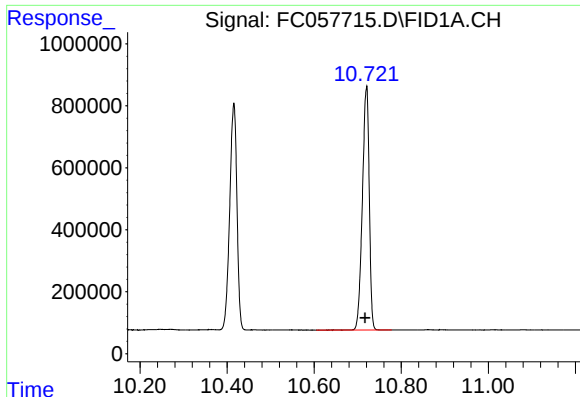
#7 n-Hexadecane (C16)

R.T.: 8.981 min  
Delta R.T.: 0.002 min  
Response: 8476687  
Conc: 50.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.415 min  
Delta R.T.: 0.002 min  
Response: 8404083  
Conc: 48.84 ug/ml



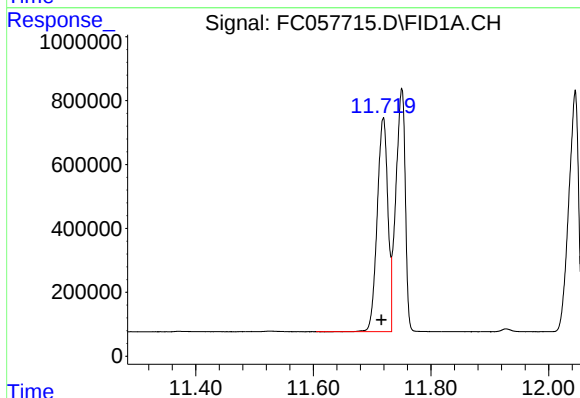
#9 ortho-Terphenyl (SURR)

R.T.: 10.720 min  
Delta R.T.: 0.002 min  
Response: 8576298  
Conc: 44.35 ug/ml

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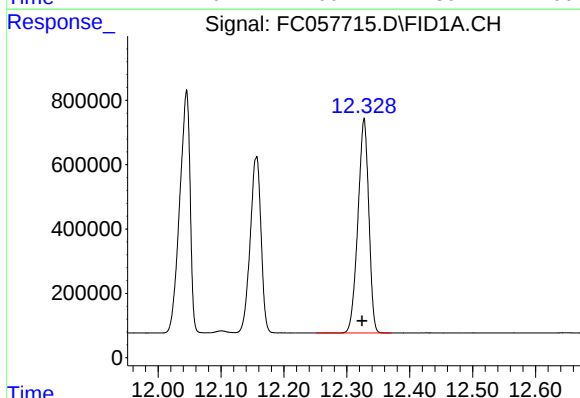
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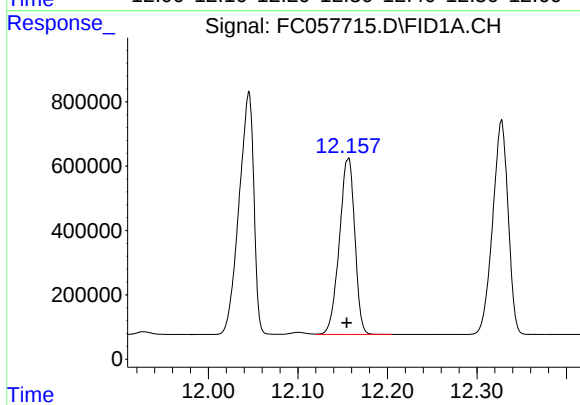
#10 n-Eicosane (C20)

R.T.: 11.719 min  
Delta R.T.: 0.003 min  
Response: 8424056  
Conc: 49.21 ug/ml



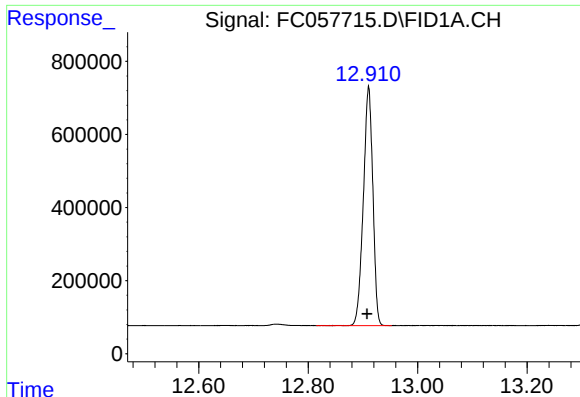
#11 n-Heneicosane (C21)

R.T.: 12.327 min  
Delta R.T.: 0.003 min  
Response: 7975584  
Conc: 46.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.156 min  
Delta R.T.: 0.001 min  
Response: 6565056  
Conc: 44.54 ug/ml



#13 n-Docosane (C22)

R.T.: 12.910 min  
Delta R.T.: 0.002 min  
Response: 7876032  
Conc: 45.52 ug/ml

Instrument :

FID\_C

ClientSampleId :

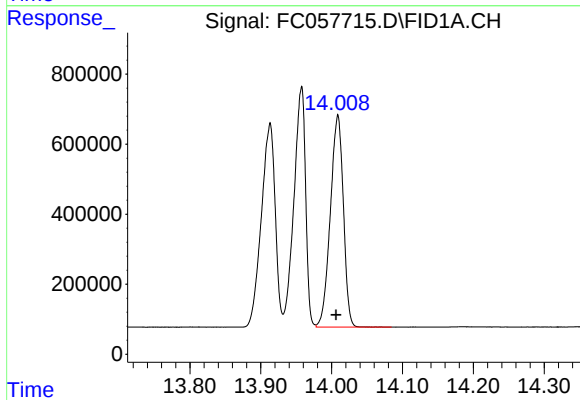
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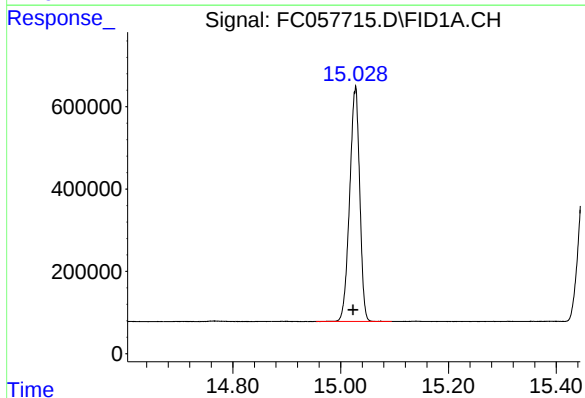
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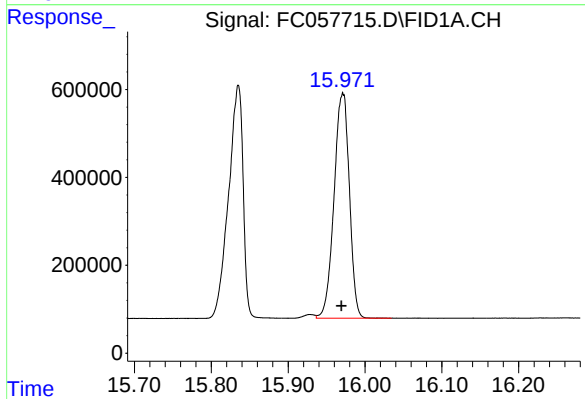
#14 n-Tetracosane (C24)

R.T.: 14.008 min  
Delta R.T.: 0.002 min  
Response: 7732706  
Conc: 44.67 ug/ml



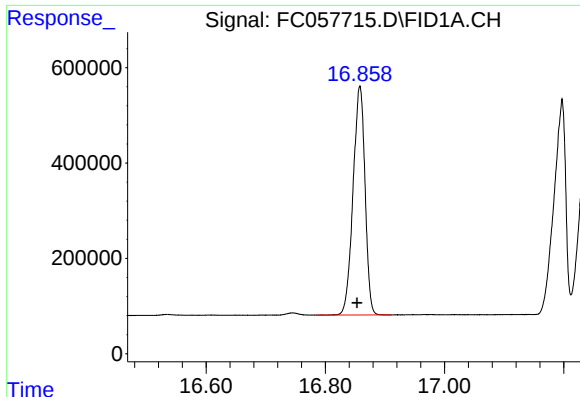
#15 n-Hexacosane (C26)

R.T.: 15.027 min  
Delta R.T.: 0.004 min  
Response: 7375536  
Conc: 43.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.971 min  
Delta R.T.: 0.001 min  
Response: 7091819  
Conc: 43.34 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.858 min  
Delta R.T.: 0.004 min  
Response: 6679460  
Conc: 42.78 ug/ml

Instrument :

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ClientSampleId :

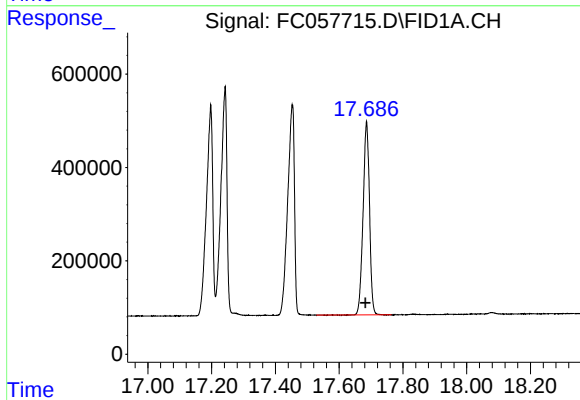
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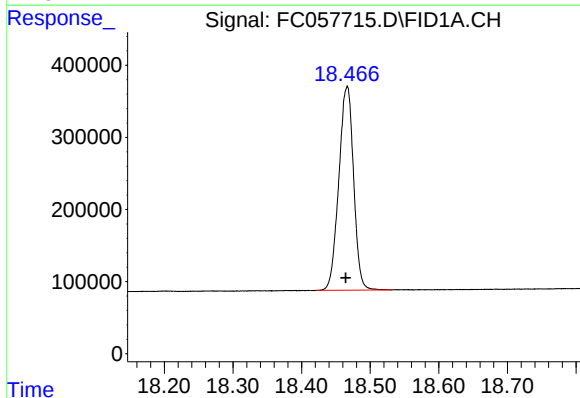
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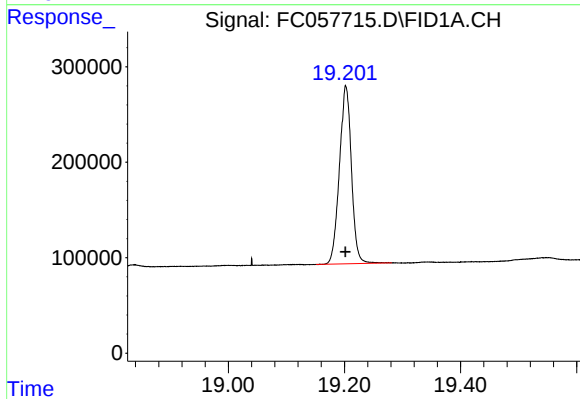
#18 n-Dotriacontane (C32)

R.T.: 17.686 min  
Delta R.T.: 0.003 min  
Response: 5773269  
Conc: 41.41 ug/ml



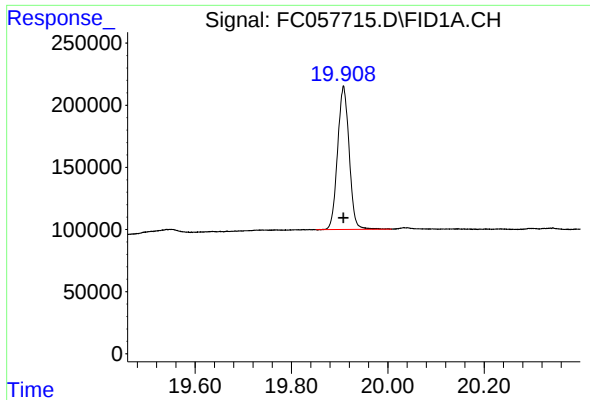
#19 n-Tetratriacontane (C34)

R.T.: 18.466 min  
Delta R.T.: 0.002 min  
Response: 4220083  
Conc: 33.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.203 min  
Delta R.T.: 0.001 min  
Response: 2674689  
Conc: 24.06 ug/ml



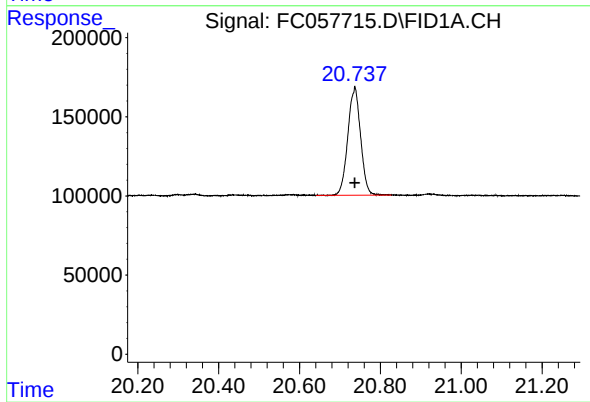
#21 n-Octatriacontane (C38)

R.T.: 19.908 min  
Delta R.T.: 0.000 min  
Response: 1925967  
Conc: 18.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.737 min  
Delta R.T.: 0.000 min  
Response: 1487262  
Conc: 15.53 ug/ml