

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092724AL\  
 Data File : FE050417.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Sep 2024 17:50  
 Operator : YP\AJ  
 Sample : P4212-03MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 TEST-PIT-SOUTHMSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/30/2024  
 Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e  
 Quant Time: Sep 28 00:18:01 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 17:11:47 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.866 | 3385075    | 22.752 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 45.50%        |
| 12) S 1-chlorooctadecane (S... | 13.300 | 3194005    | 28.435 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 56.87%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.258  | 4911234    | 36.233 ug/ml  |
| 2) T n-Decane (C10)            | 4.508  | 5494758    | 39.814 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.215  | 5885387    | 42.048 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.673  | 5724007    | 41.393 ug/mlm |
| 5) T A~2-methylnaphthalene...  | 7.311  | 5354507    | 40.738 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.501  | 6204074    | 45.561 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.106 | 6699106    | 48.229 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.548 | 6963612    | 49.704 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.858 | 7100817    | 52.934 ug/mlm |
| 11) T n-Heneicosane (C21)      | 13.467 | 7002472    | 53.292 ug/ml  |
| 13) T n-Docosane (C22)         | 14.054 | 7014924    | 53.871 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.154 | 13510604   | 103.458 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.177 | 6633912    | 51.852 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.124 | 7743888    | 60.119 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.011 | 7029906    | 52.571 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.841 | 7046831    | 52.882 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.624 | 7164261    | 57.982 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.364 | 7151966    | 64.461 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.088 | 7189930    | 65.197 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.974 | 6784344    | 62.348 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
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Misc :  
ALS Vial : 19 Sample Multiplier: 1

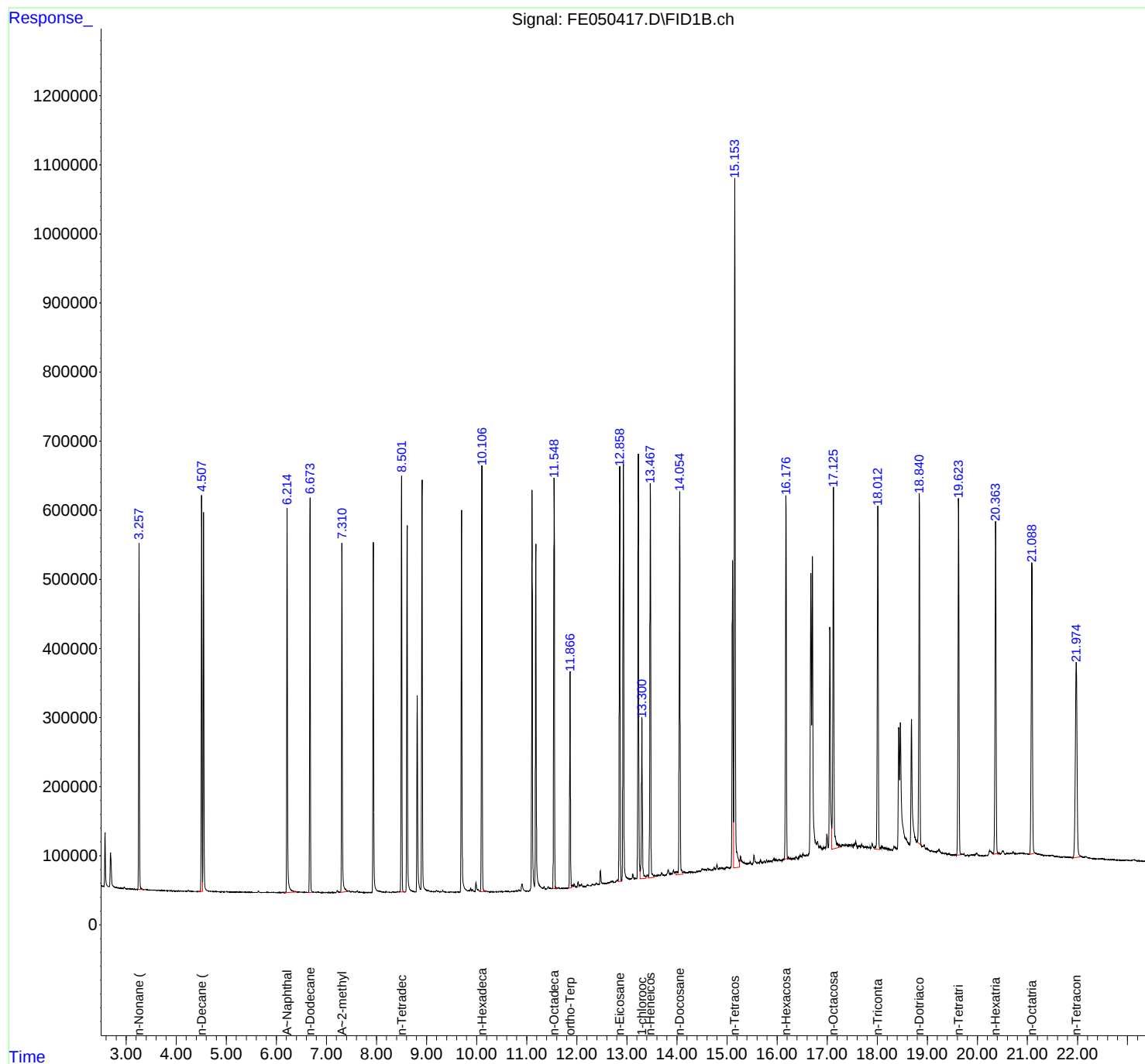
Instrument :  
FID\_E  
ClientSampleId :  
TEST-PIT-SOUTHMSD

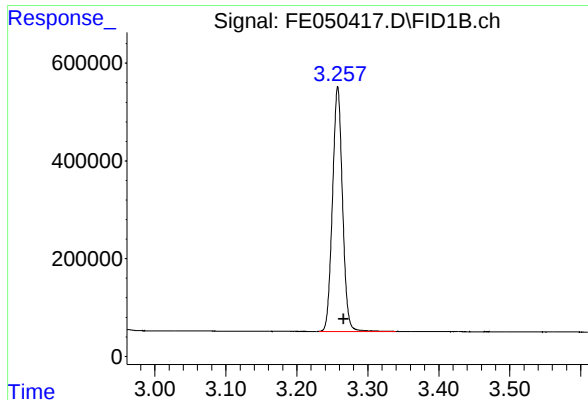
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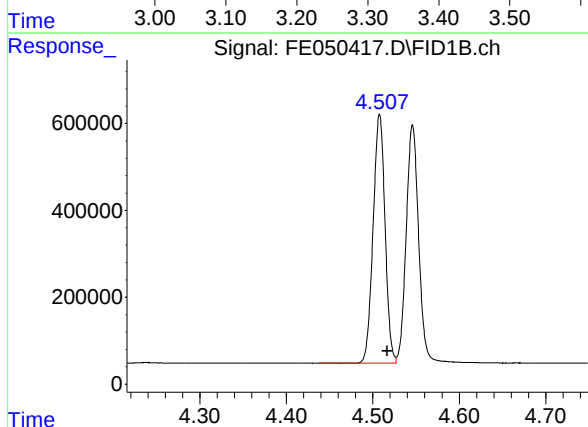
#1 n-Nonane (C9)

R.T.: 3.258 min  
Delta R.T.: -0.008 min  
Response: 4911234  
Conc: 36.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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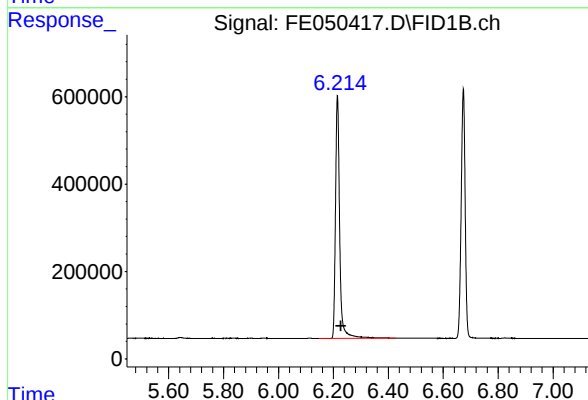
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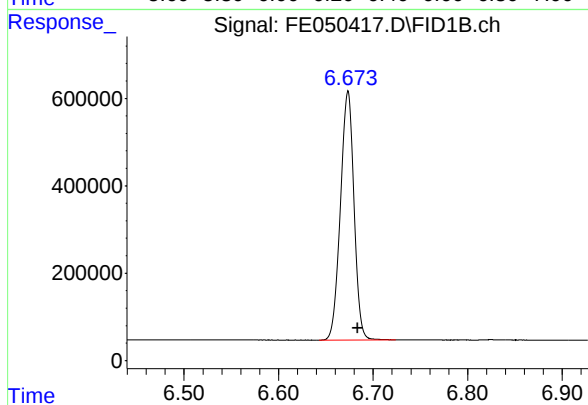
#2 n-Decane (C10)

R.T.: 4.508 min  
Delta R.T.: -0.009 min  
Response: 5494758  
Conc: 39.81 ug/ml



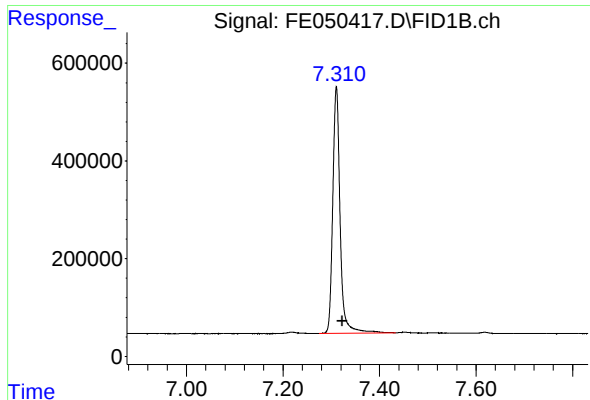
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min  
Delta R.T.: -0.012 min  
Response: 5885387  
Conc: 42.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min  
Delta R.T.: -0.011 min  
Response: 5724007  
Conc: 41.39 ug/ml m



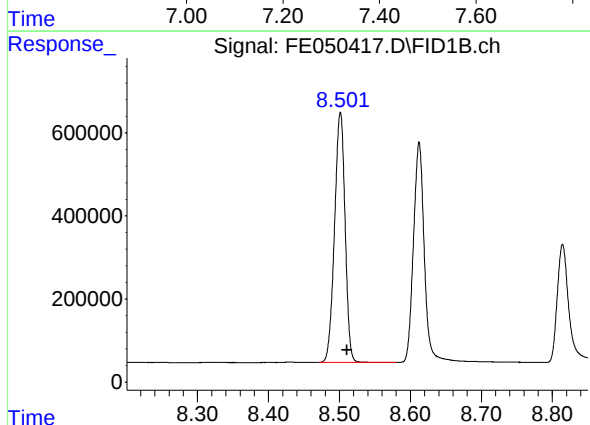
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min  
Delta R.T.: -0.013 min  
Response: 5354507  
Conc: 40.74 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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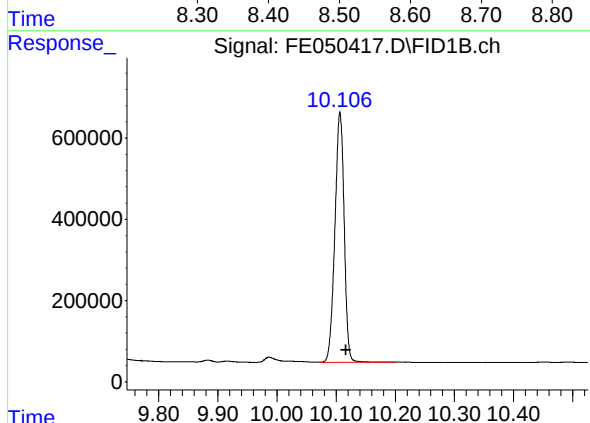
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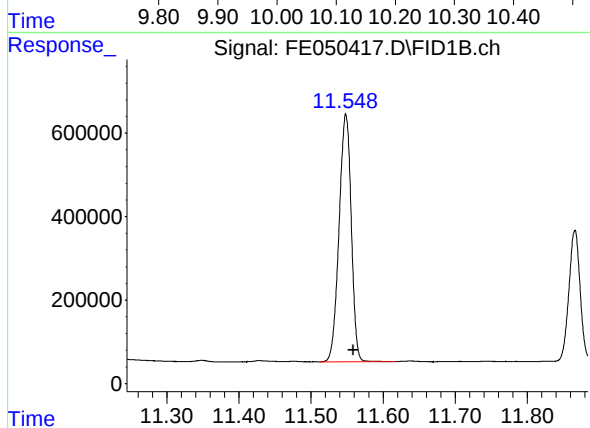
#6 n-Tetradecane (C14)

R.T.: 8.501 min  
Delta R.T.: -0.010 min  
Response: 6204074  
Conc: 45.56 ug/ml



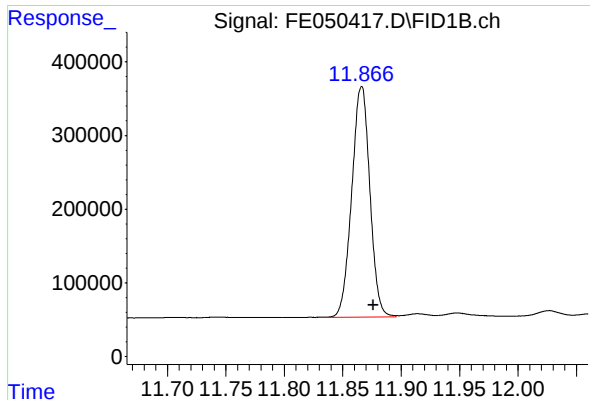
#7 n-Hexadecane (C16)

R.T.: 10.106 min  
Delta R.T.: -0.011 min  
Response: 6699106  
Conc: 48.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.548 min  
Delta R.T.: -0.011 min  
Response: 6963612  
Conc: 49.70 ug/ml



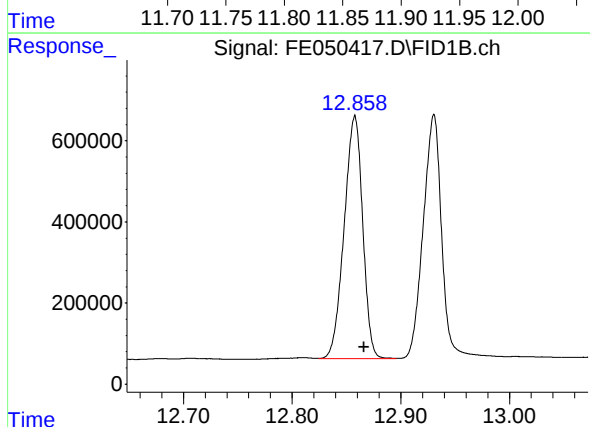
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min  
Delta R.T.: -0.010 min  
Response: 3385075  
Conc: 22.75 ug/ml

Instrument :  
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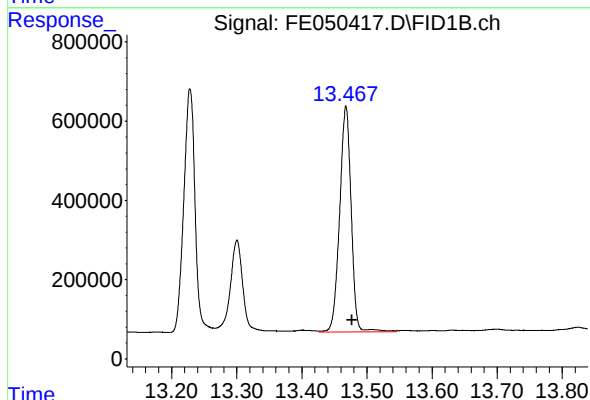
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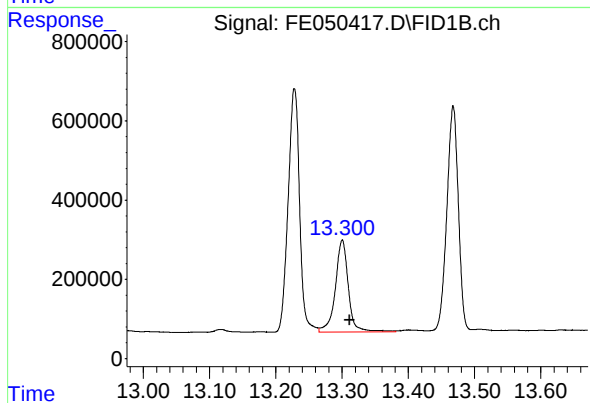
#10 n-Eicosane (C20)

R.T.: 12.858 min  
Delta R.T.: -0.008 min  
Response: 7100817  
Conc: 52.93 ug/ml m



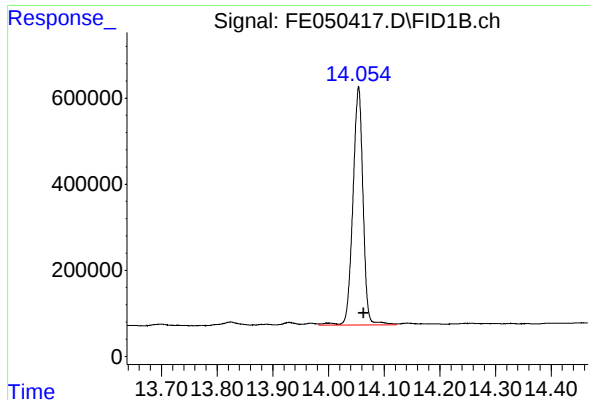
#11 n-Heneicosane (C21)

R.T.: 13.467 min  
Delta R.T.: -0.010 min  
Response: 7002472  
Conc: 53.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.300 min  
Delta R.T.: -0.011 min  
Response: 3194005  
Conc: 28.43 ug/ml



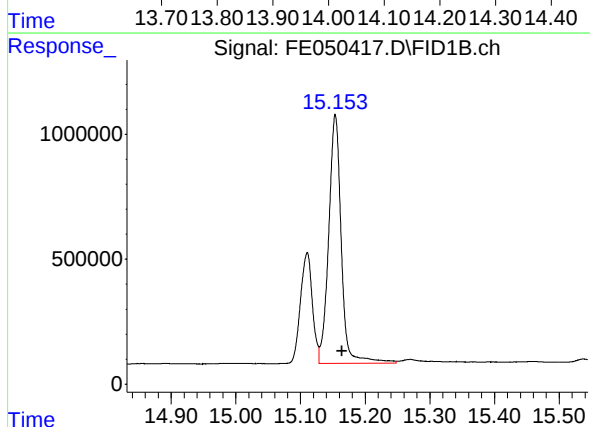
#13 n-Docosane (C22)

R.T.: 14.054 min  
Delta R.T.: -0.009 min  
Response: 7014924  
Conc: 53.87 ug/ml

Instrument : FID\_E  
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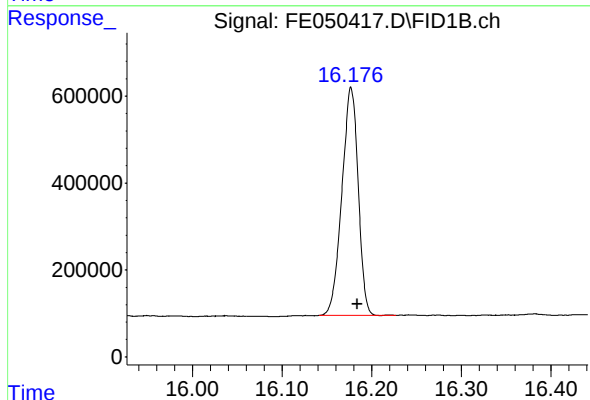
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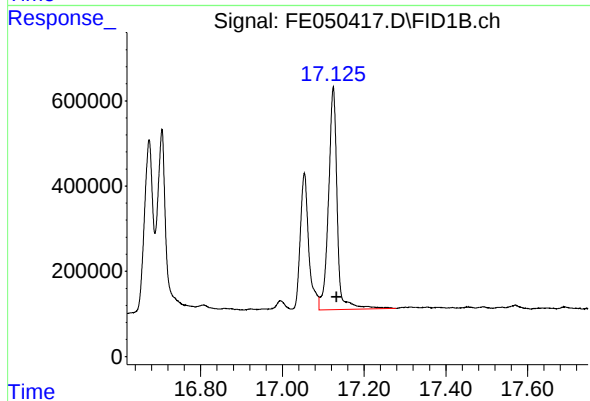
#14 n-Tetracosane (C24)

R.T.: 15.154 min  
Delta R.T.: -0.011 min  
Response: 13510604  
Conc: 103.46 ug/ml



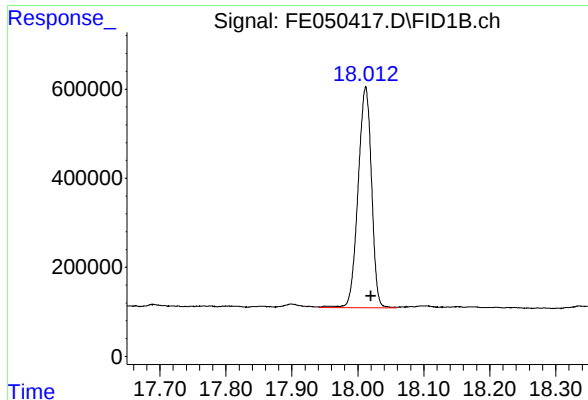
#15 n-Hexacosane (C26)

R.T.: 16.177 min  
Delta R.T.: -0.007 min  
Response: 6633912  
Conc: 51.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min  
Delta R.T.: -0.009 min  
Response: 7743888  
Conc: 60.12 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.011 min  
Delta R.T.: -0.009 min  
Response: 7029906  
Conc: 52.57 ug/ml

Instrument :

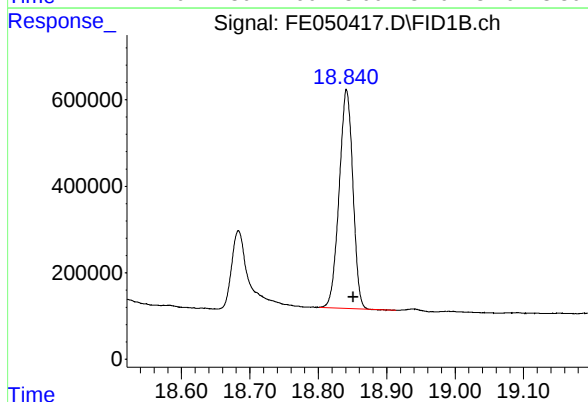
FID\_E

ClientSampleId :

TEST-PIT-SOUTHMSD

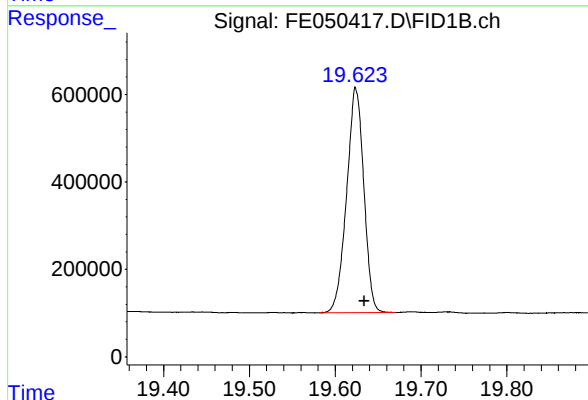
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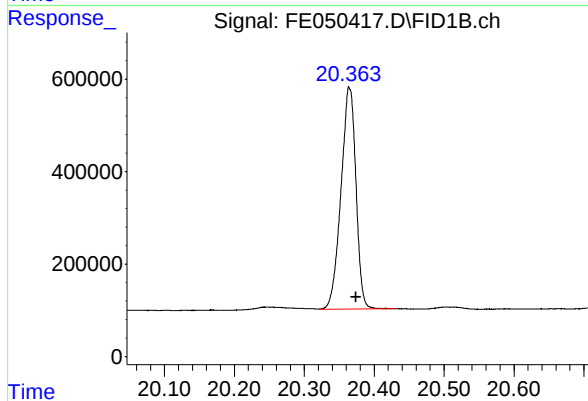
#18 n-Dotriacontane (C32)

R.T.: 18.841 min  
Delta R.T.: -0.010 min  
Response: 7046831  
Conc: 52.88 ug/ml



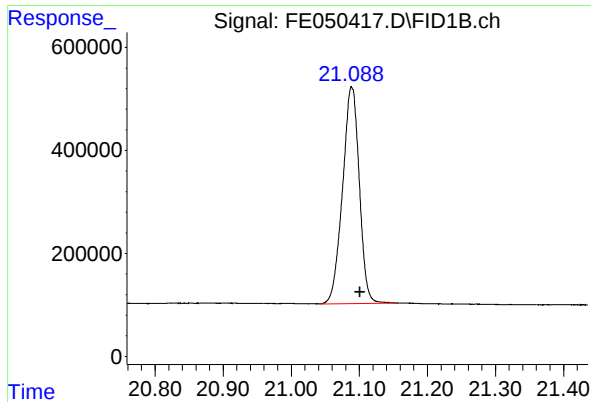
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min  
Delta R.T.: -0.010 min  
Response: 7164261  
Conc: 57.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.364 min  
Delta R.T.: -0.010 min  
Response: 7151966  
Conc: 64.46 ug/ml



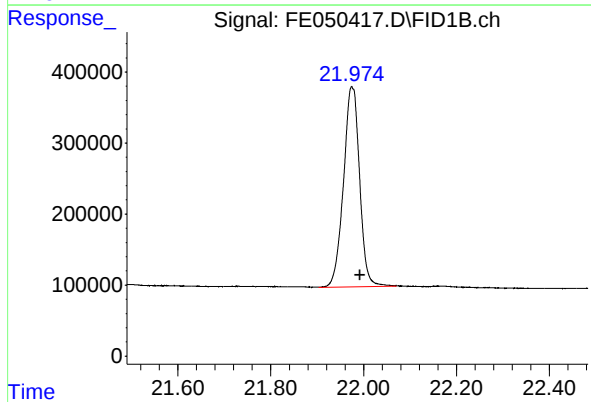
#21 n-Octatriacontane (C38)

R.T.: 21.088 min  
Delta R.T.: -0.013 min  
Response: 7189930  
Conc: 65.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.974 min  
Delta R.T.: -0.018 min  
Response: 6784344  
Conc: 62.35 ug/ml m