

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100225AR\  
 Data File : FG016744.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Oct 2025 17:19  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD ICV  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 20 PPM AROMATIC HC STD ICV

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025  
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e  
 Quant Time: Oct 03 02:05:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 100225.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 03 01:50:55 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units    |
|------------------------------------|--------|------------|---------------|
| -----                              |        |            |               |
| System Monitoring Compounds        |        |            |               |
| 4) S 2-Bromonaphthalene (S...      | 8.085  | 2191471    | 18.413 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 36.83%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.969  | 1411694    | 18.663 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 37.33%        |
| 11) S ortho-Terphenyl (SURR)       | 12.048 | 2719919    | 18.091 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 36.18%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.671  | 2548205    | 18.274 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.352  | 2643518    | 18.376 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.455  | 2554334    | 18.020 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.766  | 2476148    | 18.569 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 9.067  | 2799751    | 18.429 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.862  | 2519671    | 18.103 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.278 | 2427256    | 18.090 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.355 | 2716156    | 17.986 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 13.112 | 2622100    | 18.129 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.412 | 2638283    | 18.141 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.305 | 2203466    | 18.290 ug/mlm |
| 15) T Chrysene (C27.41)            | 15.348 | 2738261    | 17.417 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.874 | 2062388    | 17.783 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.905 | 2663705    | 18.264 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.259 | 2245913    | 18.438 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.640 | 1448289    | 16.065 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.679 | 2776630    | 18.338 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.895 | 2130687    | 18.128 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 46 Sample Multiplier: 1

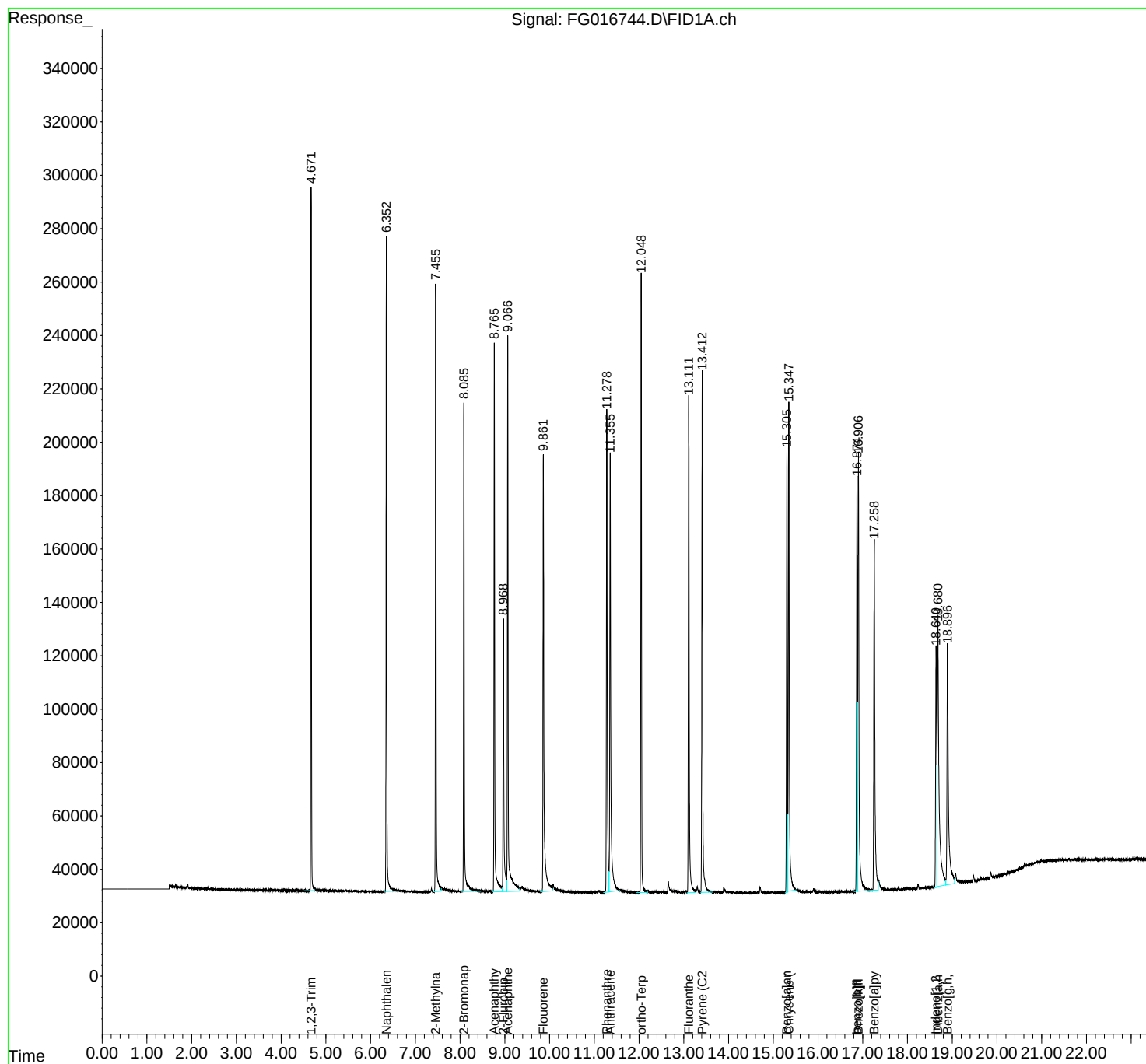
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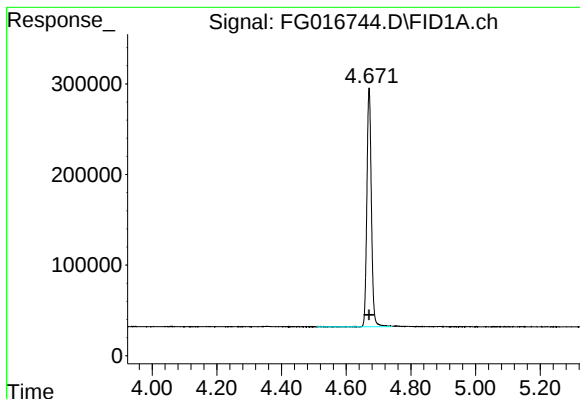
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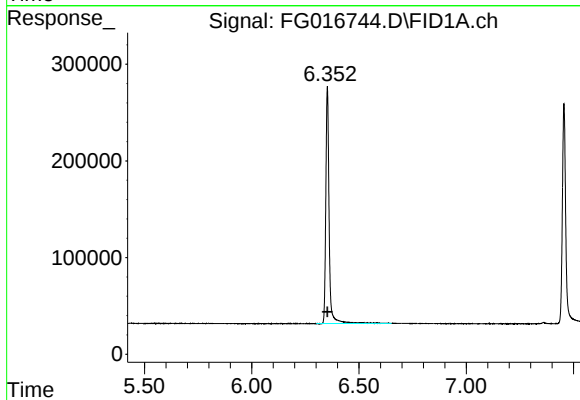
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.671 min  
Delta R.T.: 0.000 min  
Response: 2548205  
Conc: 18.27 ug/ml

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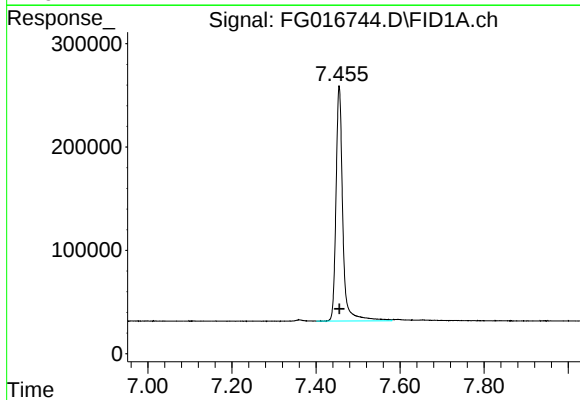
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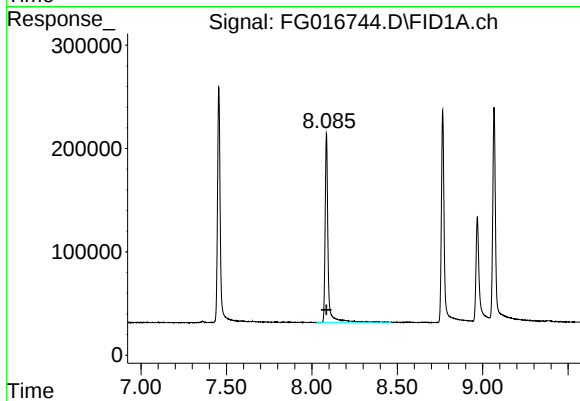
#2 Naphthalene (C11.7)

R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 2643518  
Conc: 18.38 ug/ml



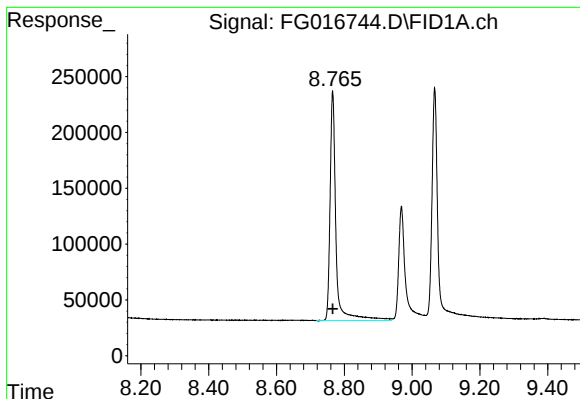
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.455 min  
Delta R.T.: 0.000 min  
Response: 2554334  
Conc: 18.02 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.085 min  
Delta R.T.: 0.000 min  
Response: 2191471  
Conc: 18.41 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.766 min  
Delta R.T.: 0.000 min  
Response: 2476148  
Conc: 18.57 ug/ml

Instrument :

FID\_G

ClientSampleId :

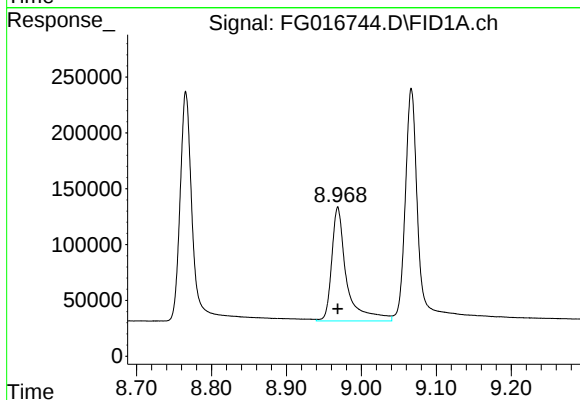
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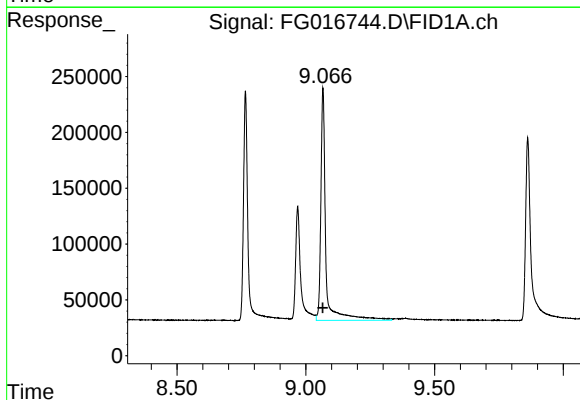
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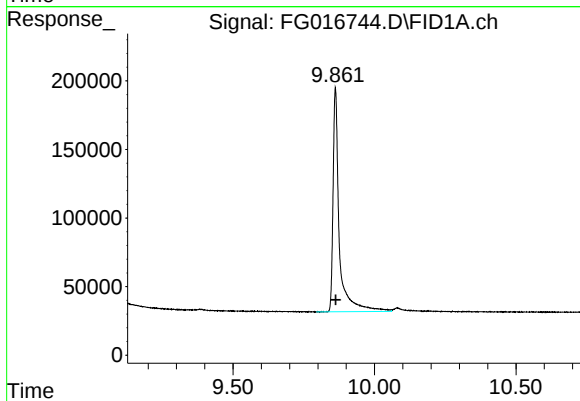
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.969 min  
Delta R.T.: 0.000 min  
Response: 1411694  
Conc: 18.66 ug/ml



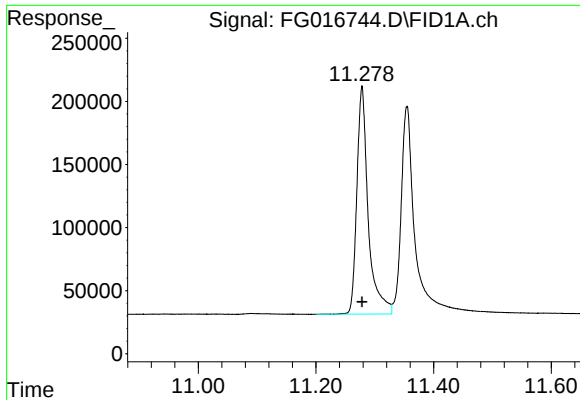
#7 Acenaphthene (C15.5)

R.T.: 9.067 min  
Delta R.T.: 0.000 min  
Response: 2799751  
Conc: 18.43 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.862 min  
Delta R.T.: 0.000 min  
Response: 2519671  
Conc: 18.10 ug/ml



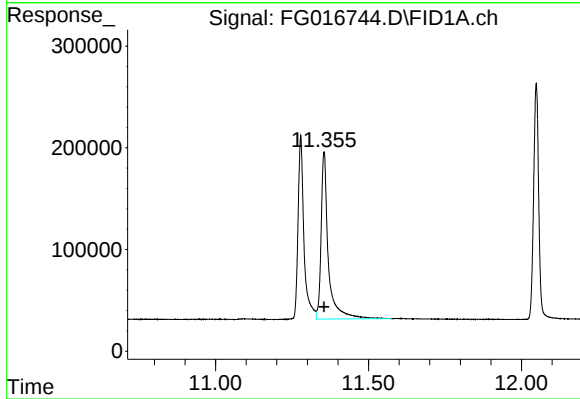
#9 Phenanthrene (C19.36)

R.T.: 11.278 min  
Delta R.T.: 0.000 min  
Response: 2427256  
Conc: 18.09 ug/ml

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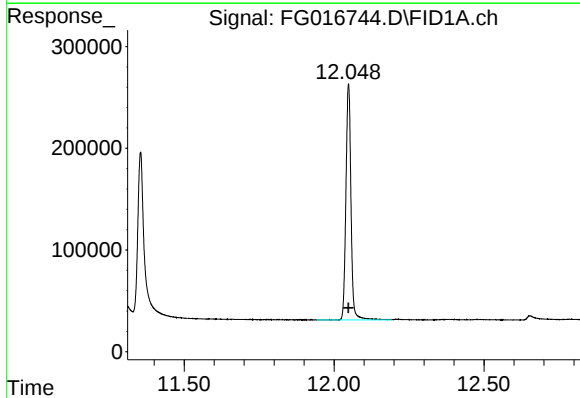
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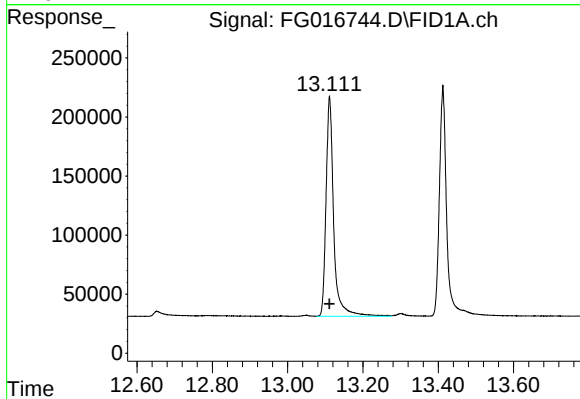
#10 Anthracene (C19.43)

R.T.: 11.355 min  
Delta R.T.: 0.000 min  
Response: 2716156  
Conc: 17.99 ug/ml



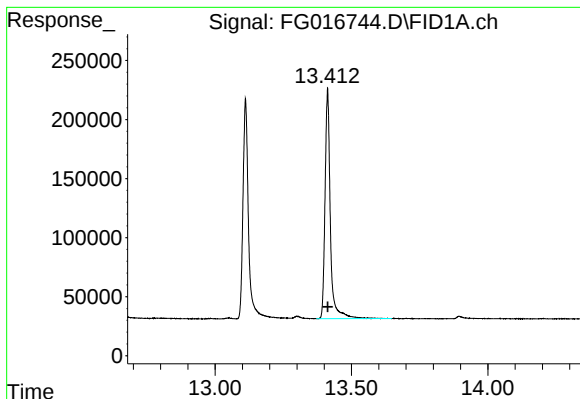
#11 ortho-Terphenyl (SURR)

R.T.: 12.048 min  
Delta R.T.: 0.000 min  
Response: 2719919  
Conc: 18.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.112 min  
Delta R.T.: 0.000 min  
Response: 2622100  
Conc: 18.13 ug/ml



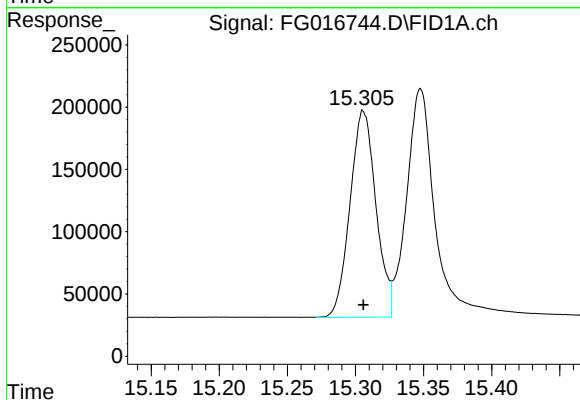
#13 Pyrene (C20.8)

R.T.: 13.412 min  
Delta R.T.: 0.000 min  
Response: 2638283  
Conc: 18.14 ug/ml

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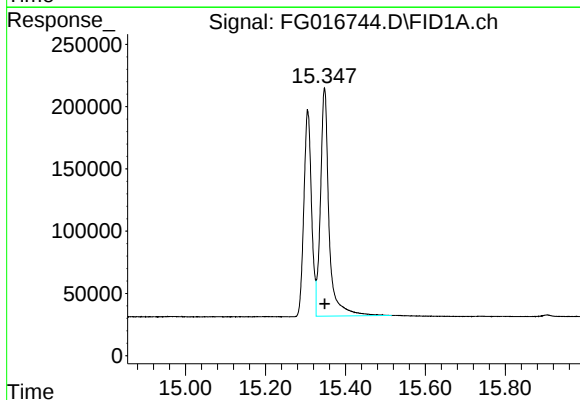
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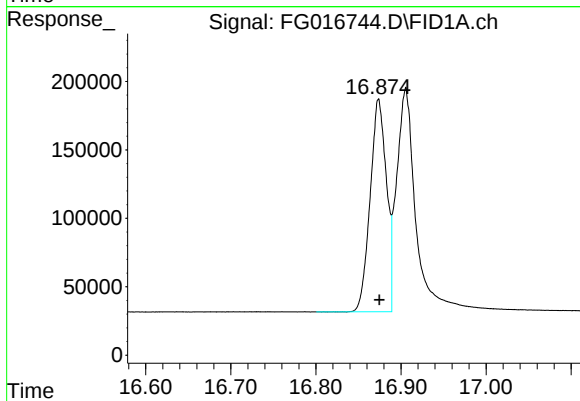
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.305 min  
Delta R.T.: -0.001 min  
Response: 2203466  
Conc: 18.29 ug/ml m



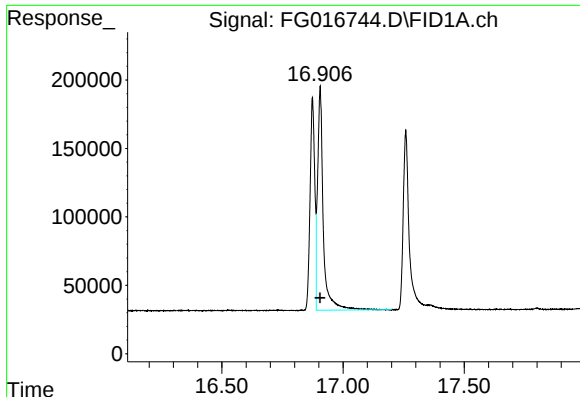
#15 Chrysene (C27.41)

R.T.: 15.348 min  
Delta R.T.: 0.000 min  
Response: 2738261  
Conc: 17.42 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.874 min  
Delta R.T.: 0.000 min  
Response: 2062388  
Conc: 17.78 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.905 min  
Delta R.T.: 0.000 min  
Response: 2663705  
Conc: 18.26 ug/ml

Instrument :

FID\_G

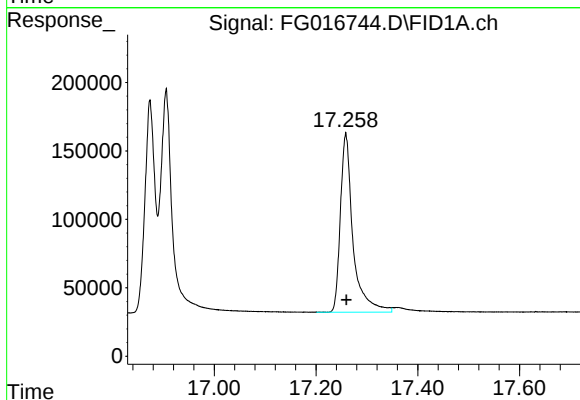
ClientSampleId :

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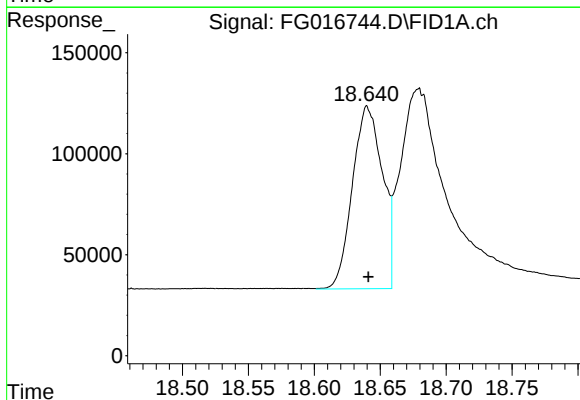
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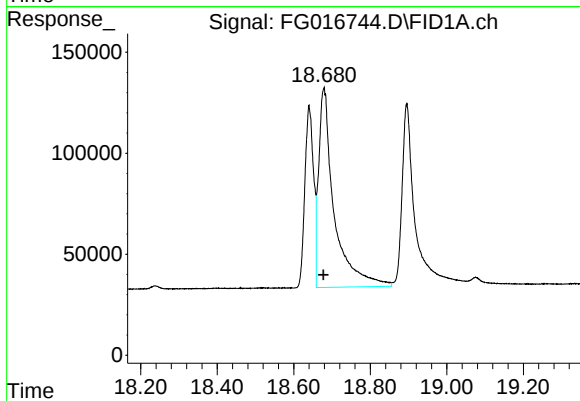
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.259 min  
Delta R.T.: -0.001 min  
Response: 2245913  
Conc: 18.44 ug/ml



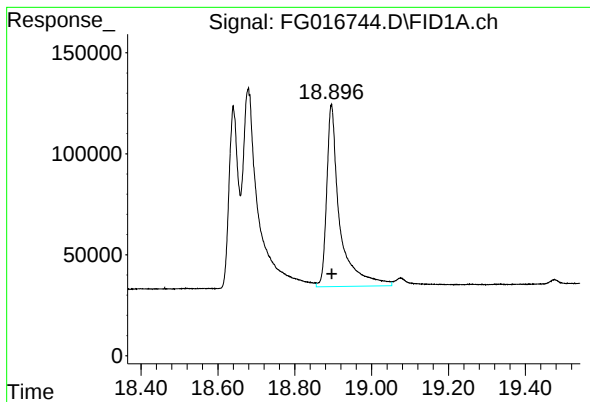
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.640 min  
Delta R.T.: -0.002 min  
Response: 1448289  
Conc: 16.07 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.679 min  
Delta R.T.: 0.001 min  
Response: 2776630  
Conc: 18.34 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.895 min  
Delta R.T.: 0.000 min  
Response: 2130687  
Conc: 18.13 ug/ml

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