

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051425\  
 Data File : PP072055.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2025 19:22  
 Operator : YP\AJ  
 Sample : Q1990-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 43025-B

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/15/2025  
 Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 02:29:17 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|--------|-------|----------|----------|---------|-----------|
| -----                       |        |       |          |          |         |           |
| System Monitoring Compounds |        |       |          |          |         |           |
| 1) SA Tetrachlo...          | 4.504  | 3.801 | 38164305 | 33809686 | 19.249m | 24.002m   |
| 2) SA Decachlor...          | 10.214 | 8.825 | 30949838 | 20333963 | 21.374m | 23.184m   |
|                             |        |       |          |          |         |           |
| Target Compounds            |        |       |          |          |         |           |
| 16) L4 AR-1242-1            | 5.658  | 4.884 | 10940918 | 9953782  | 199.756 | 215.247m  |
| 17) L4 AR-1242-2            | 5.680  | 4.901 | 13826069 | 10235178 | 162.697 | 155.025m  |
| 18) L4 AR-1242-3            | 5.742  | 5.080 | 8140008  | 6100017  | 159.223 | 167.361   |
| 19) L4 AR-1242-4            | 5.839  | 5.163 | 6967519  | 5190060  | 165.074 | 145.337   |
| 20) L4 AR-1242-5            | 6.570  | 5.687 | 2533425  | 5921107  | 54.729  | 136.092 # |
| 26) L6 AR-1254-1            | 6.505  | 5.687 | 3813140  | 5921107  | 46.529  | 64.782 #  |
| 27) L6 AR-1254-2            | 6.723  | 5.836 | 8529575  | 6708529  | 67.122  | 85.229 #  |
| 28) L6 AR-1254-3            | 7.087  | 6.238 | 9564042  | 11960536 | 74.851  | 100.926 # |
| 29) L6 AR-1254-4            | 7.369  | 6.466 | 15148708 | 11417195 | 128.910 | 147.957m  |
| 30) L6 AR-1254-5            | 7.785  | 6.883 | 17668297 | 18947289 | 164.005 | 186.732   |
| -----                       |        |       |          |          |         |           |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051425\  
Data File : PP072055.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 May 2025 19:22  
Operator : YP\AJ  
Sample : Q1990-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

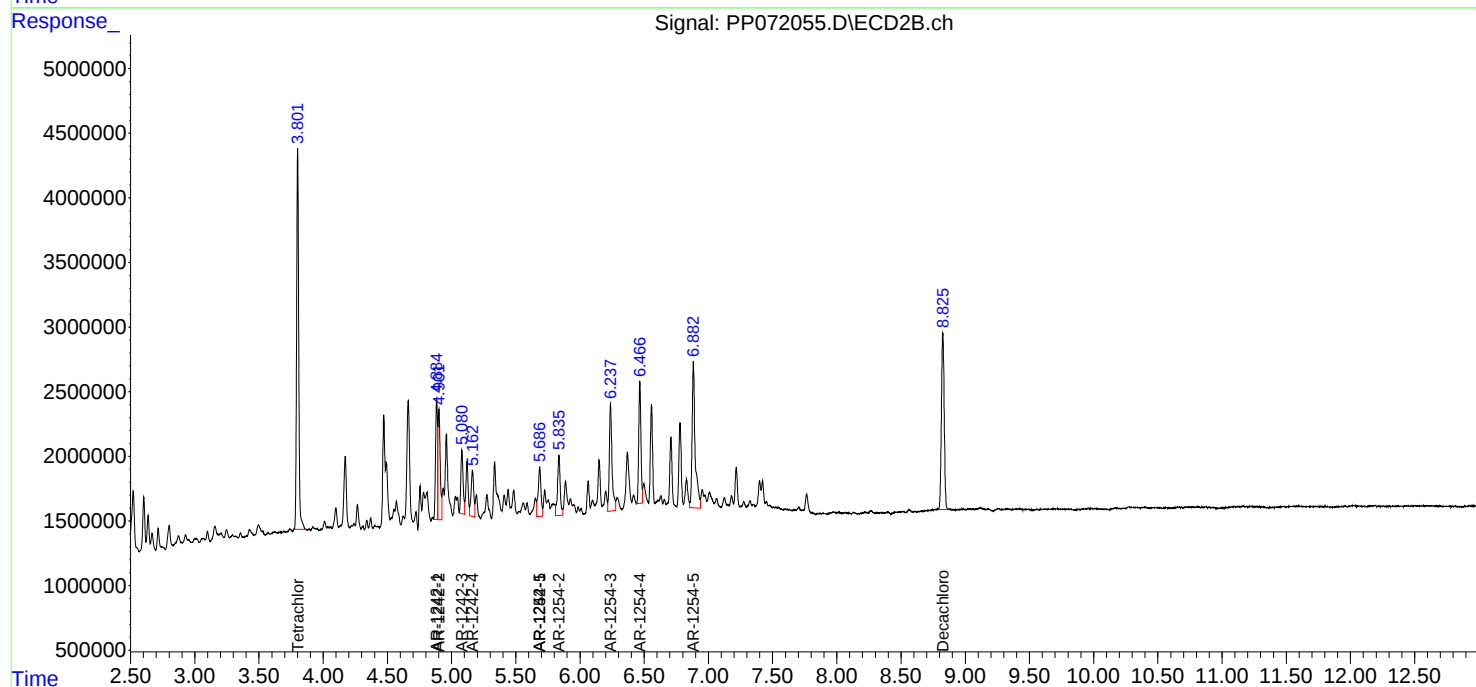
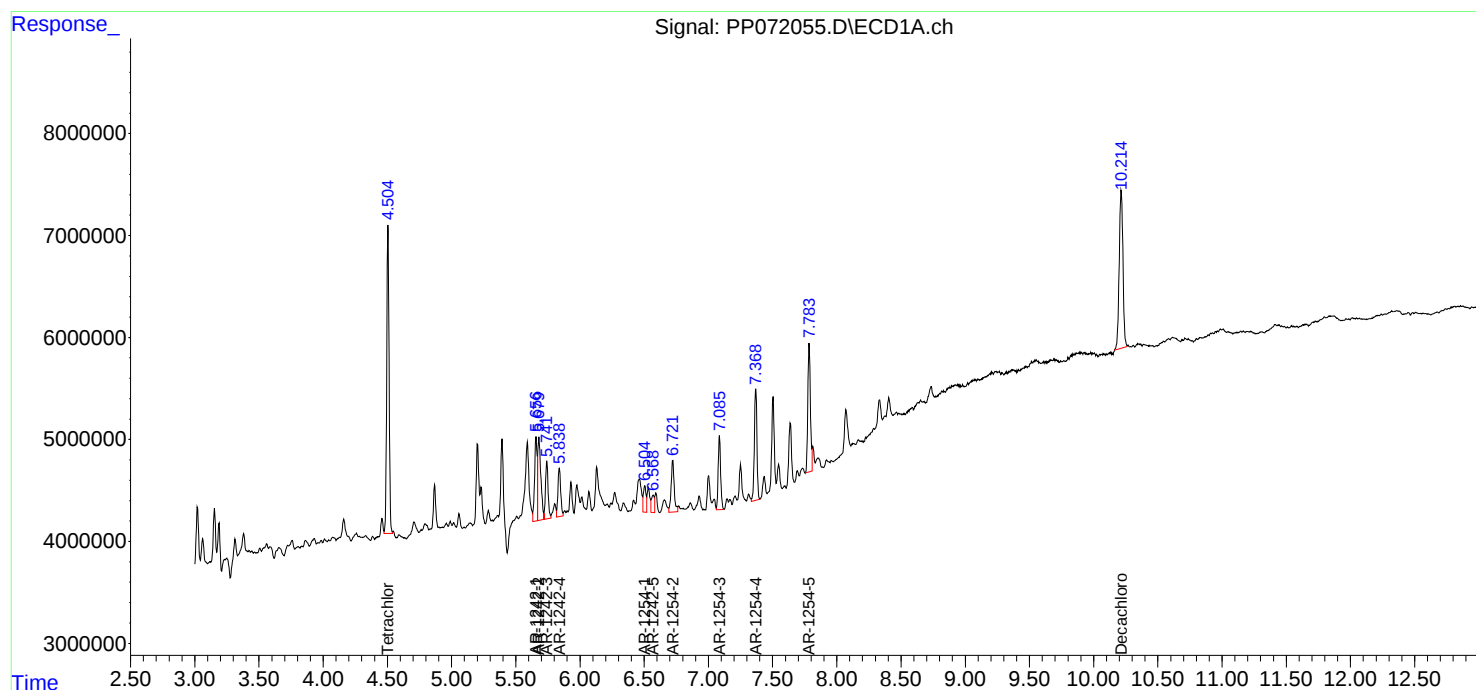
Instrument :  
ECD\_P  
ClientSampleId :  
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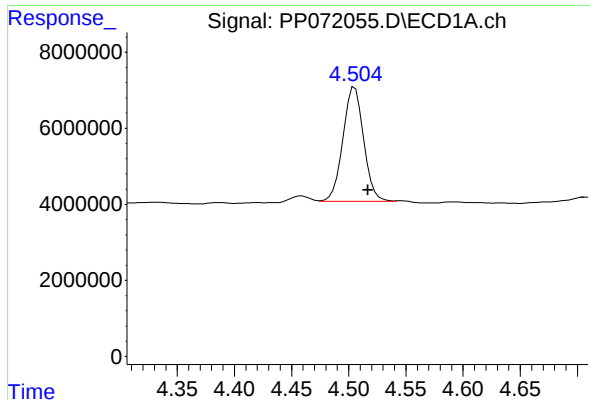
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 02:29:17 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





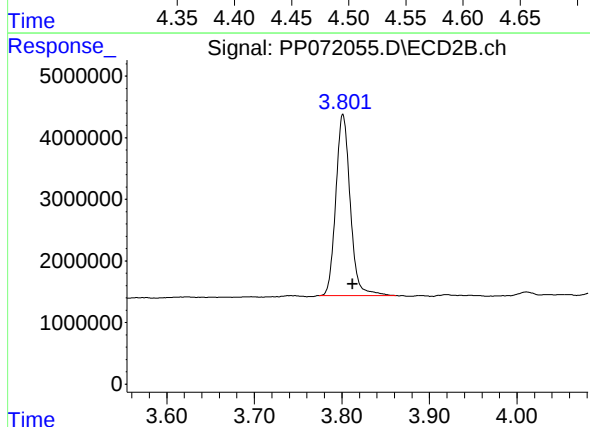
#1 Tetrachloro-m-xylene

R.T.: 4.504 min  
Delta R.T.: -0.013 min  
Response: 38164305  
Conc: 19.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
43025-B

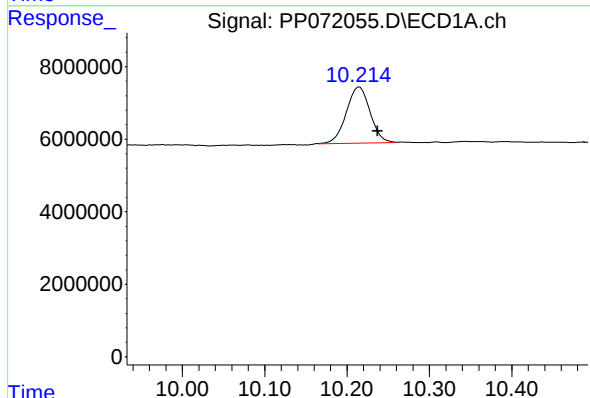
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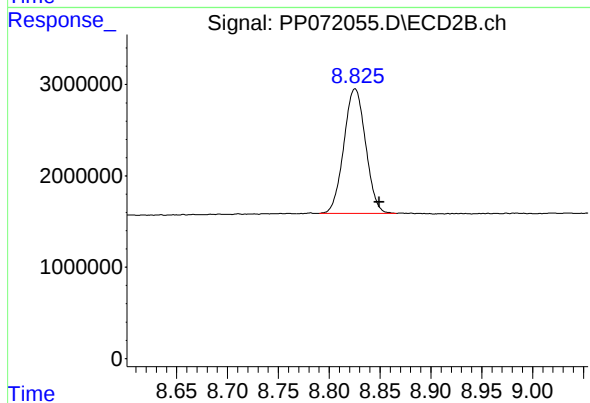
#1 Tetrachloro-m-xylene

R.T.: 3.801 min  
Delta R.T.: -0.012 min  
Response: 33809686  
Conc: 24.00 ng/ml



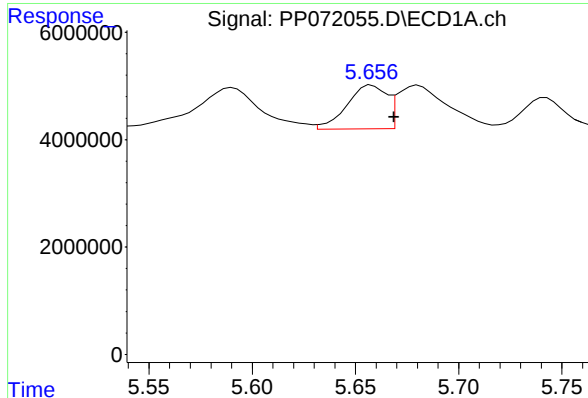
#2 Decachlorobiphenyl

R.T.: 10.214 min  
Delta R.T.: -0.024 min  
Response: 30949838  
Conc: 21.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.825 min  
Delta R.T.: -0.024 min  
Response: 20333963  
Conc: 23.18 ng/ml



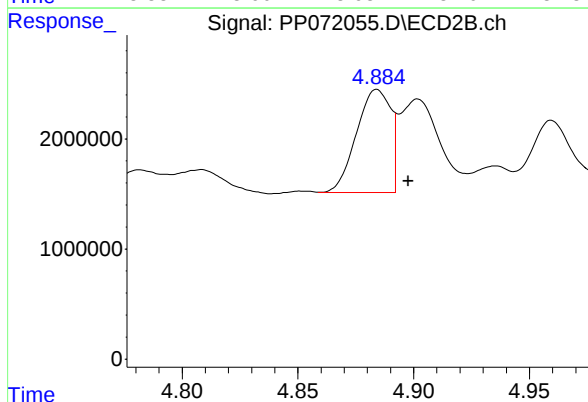
#16 AR-1242-1

R.T.: 5.658 min  
Delta R.T.: -0.011 min  
Response: 10940918  
Conc: 199.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
43025-B

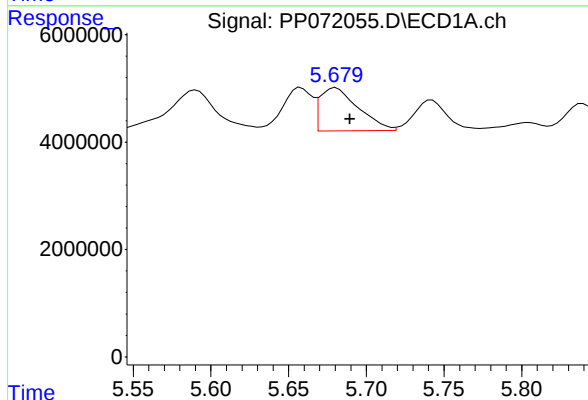
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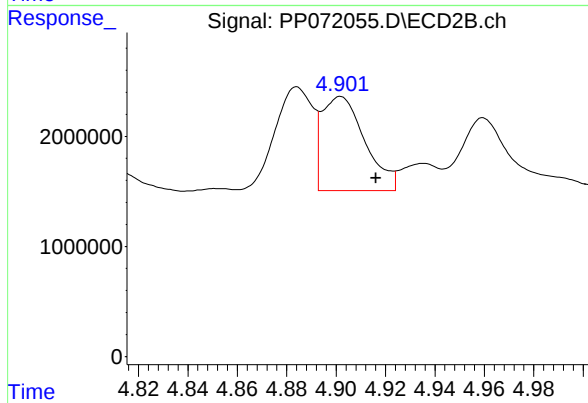
#16 AR-1242-1

R.T.: 4.884 min  
Delta R.T.: -0.014 min  
Response: 9953782  
Conc: 215.25 ng/ml



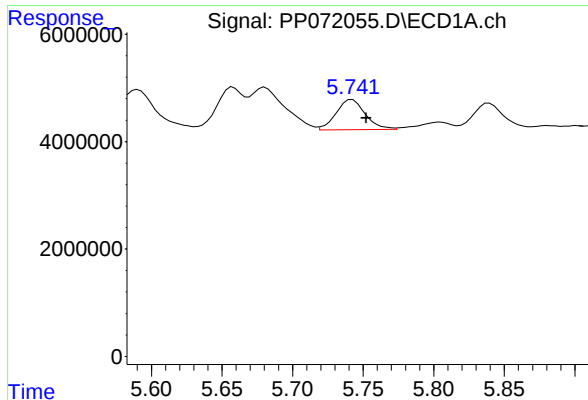
#17 AR-1242-2

R.T.: 5.680 min  
Delta R.T.: -0.009 min  
Response: 13826069  
Conc: 162.70 ng/ml



#17 AR-1242-2

R.T.: 4.901 min  
Delta R.T.: -0.015 min  
Response: 10235178  
Conc: 155.03 ng/ml



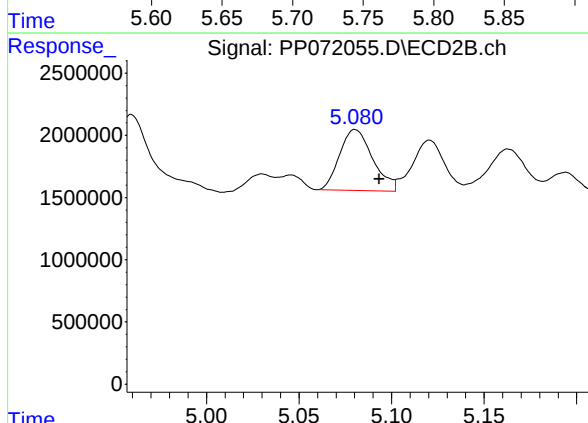
#18 AR-1242-3

R.T.: 5.742 min  
Delta R.T.: -0.010 min  
Response: 8140008  
Conc: 159.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
43025-B

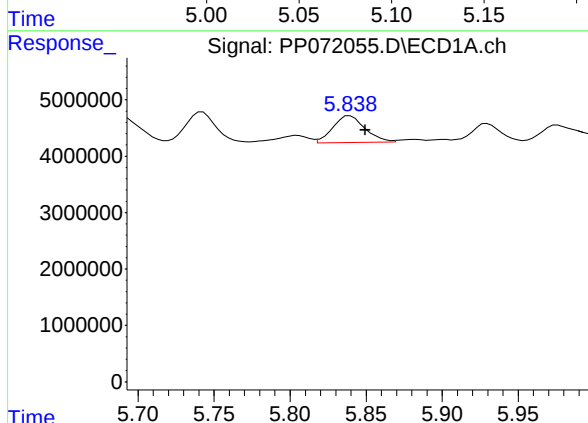
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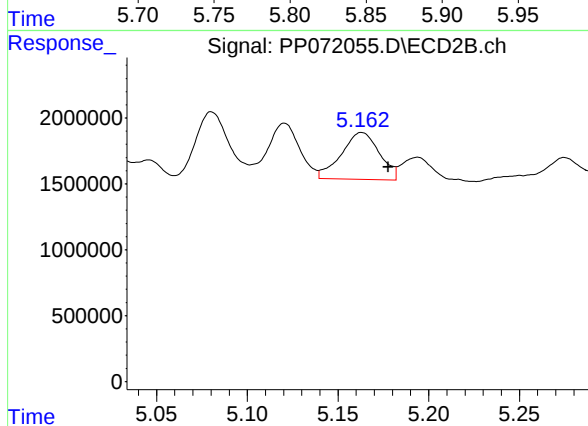
#18 AR-1242-3

R.T.: 5.080 min  
Delta R.T.: -0.013 min  
Response: 6100017  
Conc: 167.36 ng/ml



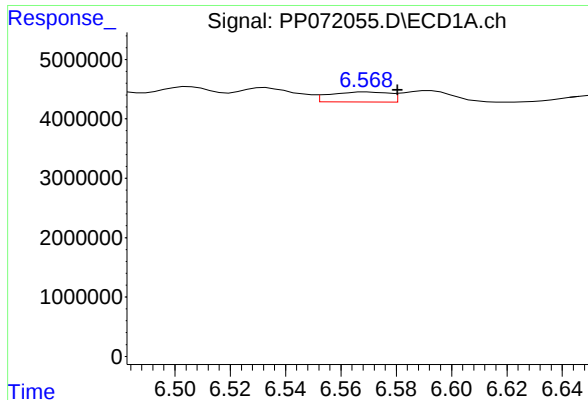
#19 AR-1242-4

R.T.: 5.839 min  
Delta R.T.: -0.010 min  
Response: 6967519  
Conc: 165.07 ng/ml



#19 AR-1242-4

R.T.: 5.163 min  
Delta R.T.: -0.015 min  
Response: 5190060  
Conc: 145.34 ng/ml



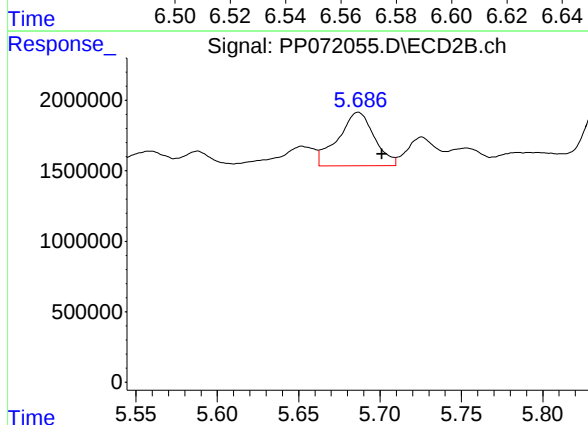
#20 AR-1242-5

R.T.: 6.570 min  
Delta R.T.: -0.011 min  
Response: 2533425  
Conc: 54.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
43025-B

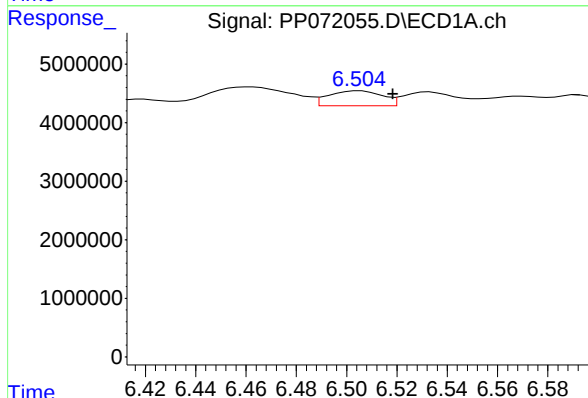
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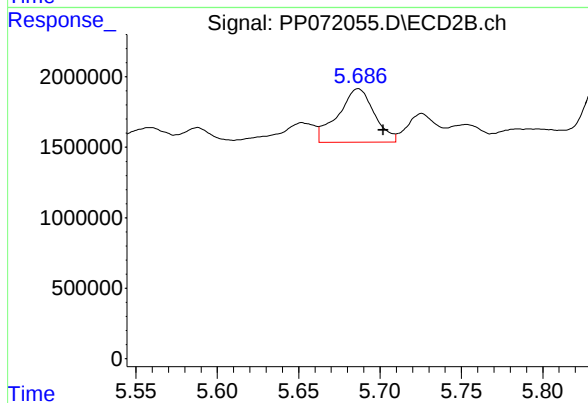
#20 AR-1242-5

R.T.: 5.687 min  
Delta R.T.: -0.015 min  
Response: 5921107  
Conc: 136.09 ng/ml



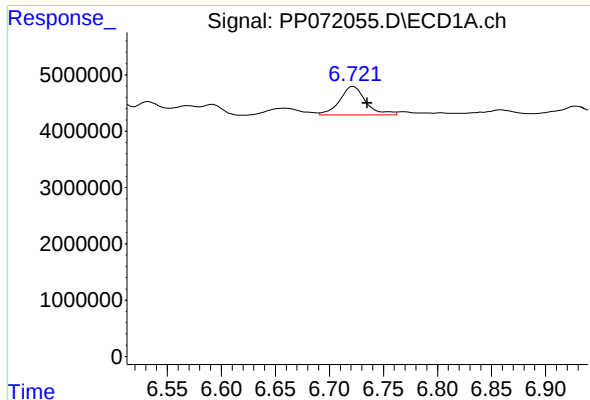
#26 AR-1254-1

R.T.: 6.505 min  
Delta R.T.: -0.013 min  
Response: 3813140  
Conc: 46.53 ng/ml



#26 AR-1254-1

R.T.: 5.687 min  
Delta R.T.: -0.015 min  
Response: 5921107  
Conc: 64.78 ng/ml



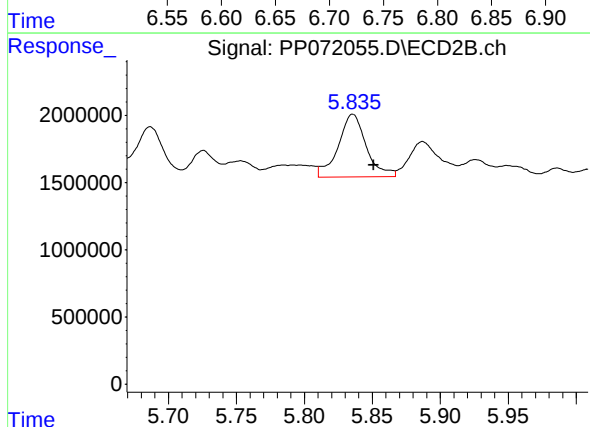
#27 AR-1254-2

R.T.: 6.723 min  
Delta R.T.: -0.013 min  
Response: 8529575  
Conc: 67.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
43025-B

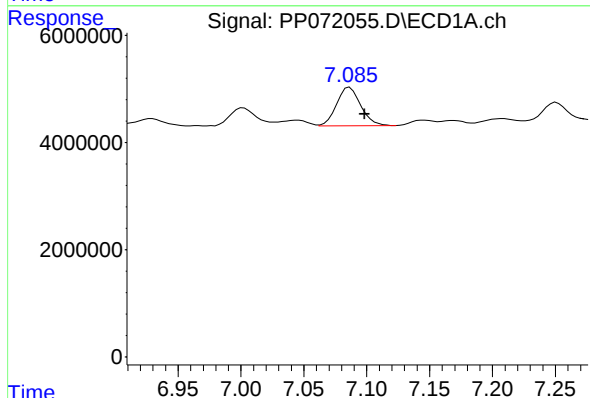
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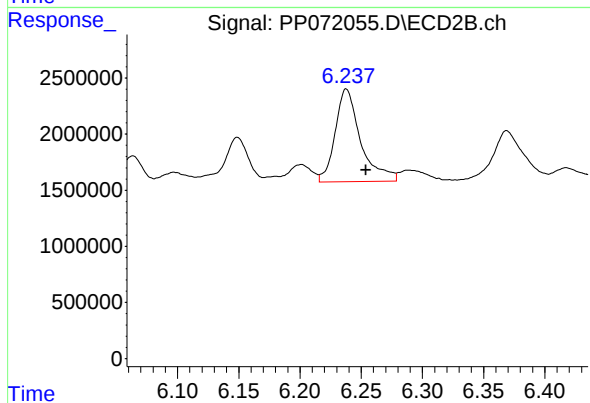
#27 AR-1254-2

R.T.: 5.836 min  
Delta R.T.: -0.015 min  
Response: 6708529  
Conc: 85.23 ng/ml



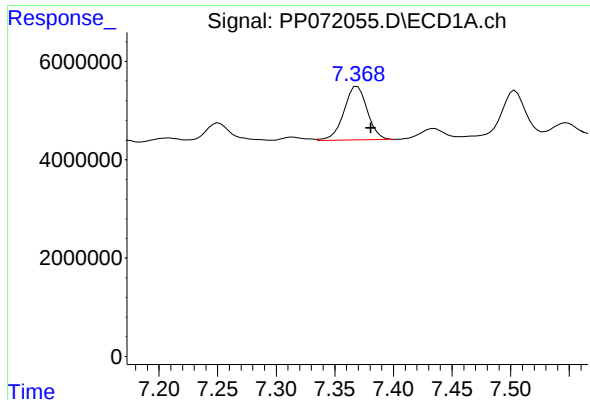
#28 AR-1254-3

R.T.: 7.087 min  
Delta R.T.: -0.012 min  
Response: 9564042  
Conc: 74.85 ng/ml



#28 AR-1254-3

R.T.: 6.238 min  
Delta R.T.: -0.016 min  
Response: 11960536  
Conc: 100.93 ng/ml



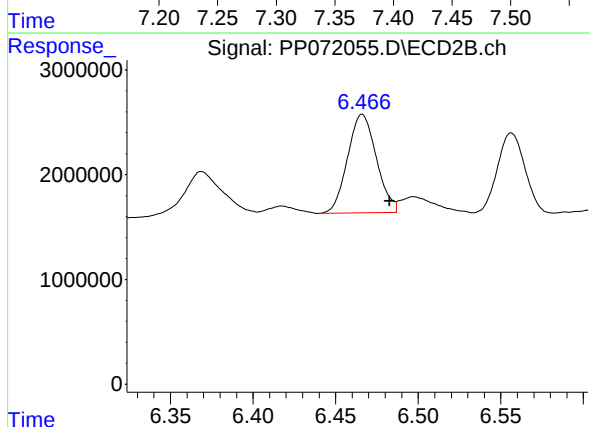
#29 AR-1254-4

R.T.: 7.369 min  
Delta R.T.: -0.012 min  
Response: 15148708  
Conc: 128.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
43025-B

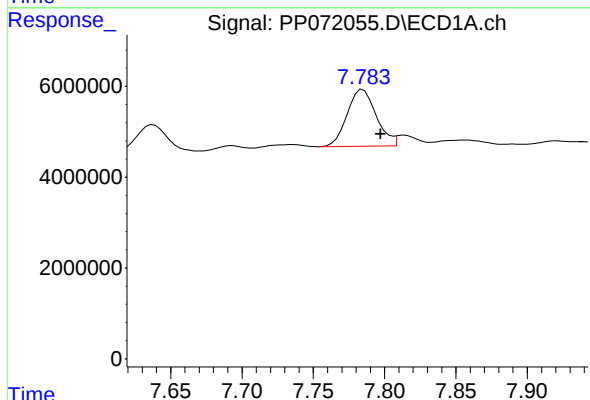
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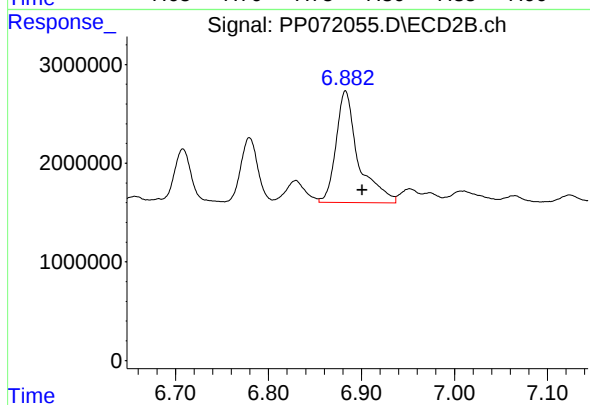
#29 AR-1254-4

R.T.: 6.466 min  
Delta R.T.: -0.017 min  
Response: 11417195  
Conc: 147.96 ng/ml



#30 AR-1254-5

R.T.: 7.785 min  
Delta R.T.: -0.012 min  
Response: 17668297  
Conc: 164.00 ng/ml



#30 AR-1254-5

R.T.: 6.883 min  
Delta R.T.: -0.018 min  
Response: 18947289  
Conc: 186.73 ng/ml