

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042225\  
 Data File : P0110610.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 18:39  
 Operator : YP/AJ  
 Sample : Q1848-01MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 RBR200027MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 07:00:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 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...          | 3.687 | 3.684 | 170.1E6 | 92022487 | 19.440  | 18.442    |
| 2) SA Decachlor...          | 8.730 | 8.683 | 113.1E6 | 31615299 | 14.329m | 16.424m   |
| Target Compounds            |       |       |         |          |         |           |
| 3) L1 AR-1016-1             | 4.778 | 4.765 | 171.2E6 | 97289400 | 521.600 | 554.326   |
| 4) L1 AR-1016-2             | 4.797 | 4.784 | 228.0E6 | 130.4E6  | 501.261 | 518.565   |
| 5) L1 AR-1016-3             | 4.854 | 4.959 | 160.2E6 | 71100240 | 496.617 | 523.910   |
| 6) L1 AR-1016-4             | 4.974 | 5.001 | 130.1E6 | 87142988 | 522.015 | 761.953 # |
| 7) L1 AR-1016-5             | 5.231 | 5.214 | 172.1E6 | 92754543 | 639.890 | 622.205   |
| 26) L6 AR-1254-1            | 5.586 | 5.565 | 292.5E6 | 157.0E6  | 524.236 | 520.869   |
| 27) L6 AR-1254-2            | 5.735 | 5.713 | 207.1E6 | 112.0E6  | 426.302 | 423.259   |
| 28) L6 AR-1254-3            | 6.140 | 6.115 | 456.9E6 | 245.2E6  | 583.331 | 607.804   |
| 29) L6 AR-1254-4            | 6.369 | 6.342 | 165.1E6 | 82166086 | 338.593 | 357.690   |
| 30) L6 AR-1254-5            | 6.787 | 6.759 | 540.0E6 | 272.4E6  | 770.508 | 819.874   |
| 31) L7 AR-1260-1            | 6.271 | 6.246 | 348.3E6 | 180.2E6  | 737.149 | 732.684   |
| 32) L7 AR-1260-2            | 6.460 | 6.433 | 359.2E6 | 172.4E6  | 612.446 | 591.031   |
| 33) L7 AR-1260-3            | 6.827 | 6.585 | 195.9E6 | 160.6E6  | 397.500 | 592.881 # |
| 34) L7 AR-1260-4            | 7.088 | 7.056 | 189.6E6 | 87110409 | 446.710 | 434.163   |
| 35) L7 AR-1260-5            | 7.329 | 7.297 | 555.9E6 | 232.1E6  | 532.714 | 505.732   |
| -----                       |       |       |         |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042225\  
Data File : PO110610.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 18:39  
Operator : YP/AJ  
Sample : Q1848-01MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

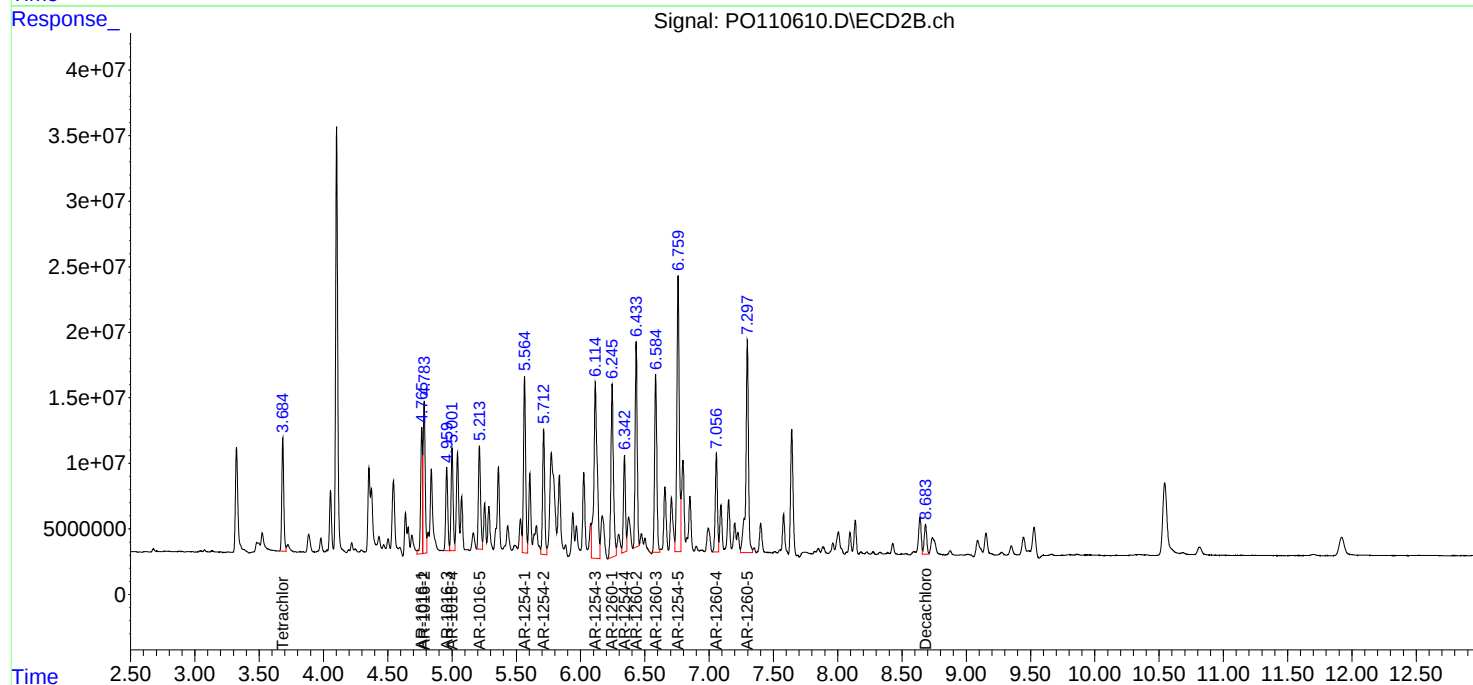
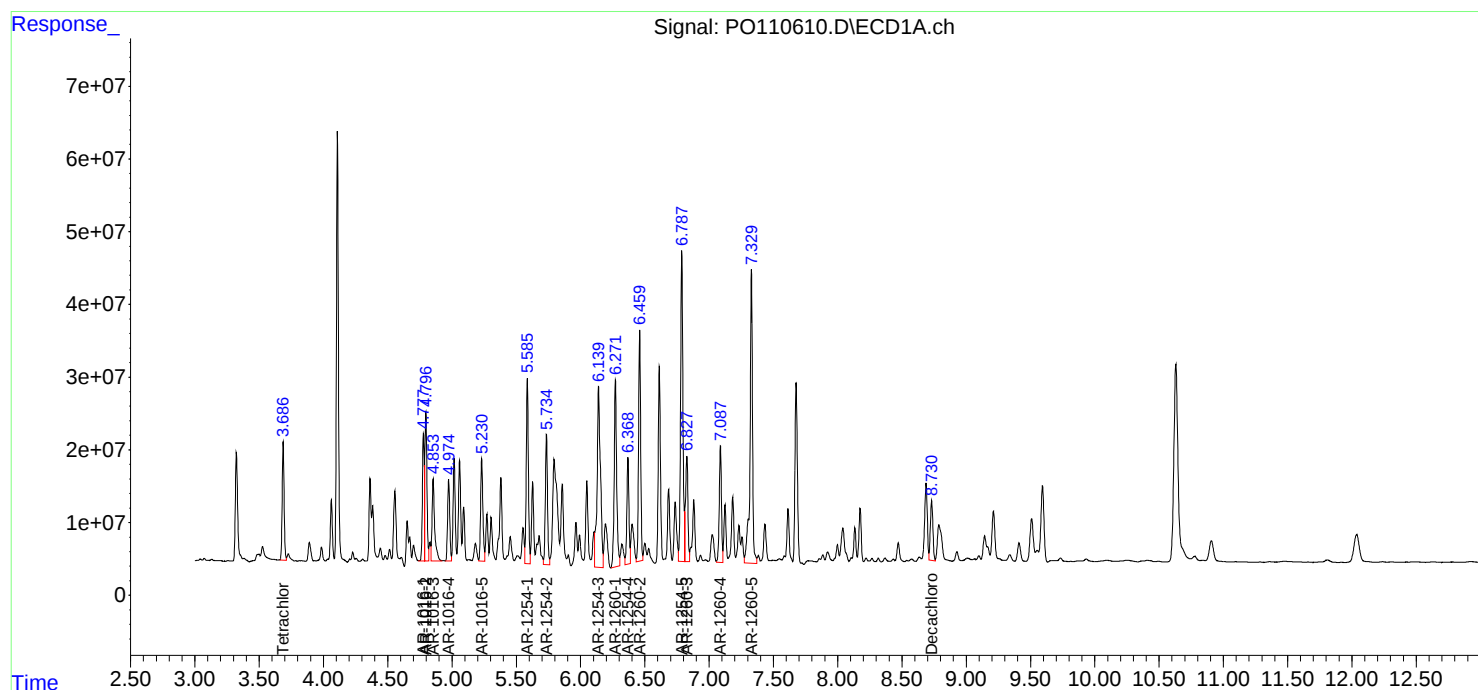
Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MS

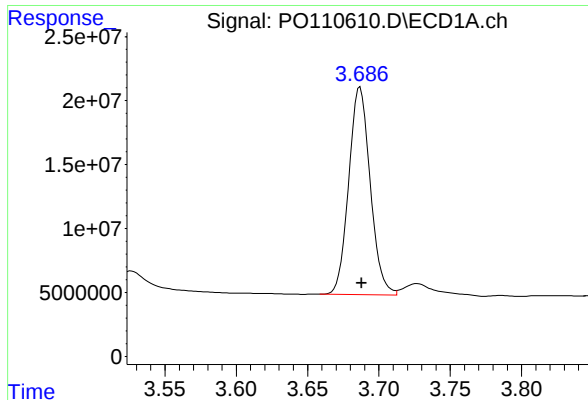
Manual Integrations  
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Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 07:00:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





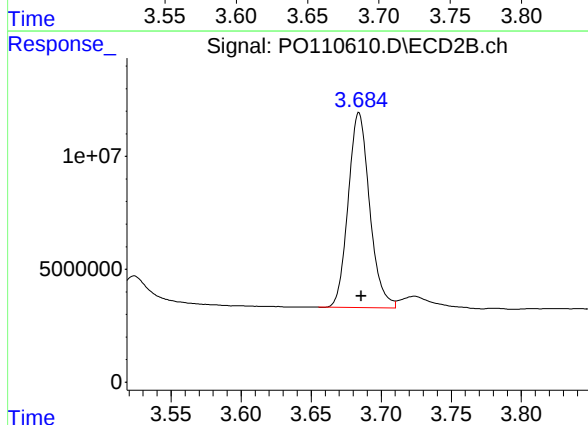
#1 Tetrachloro-m-xylene

R.T.: 3.687 min  
Delta R.T.: -0.001 min  
Response: 170084427  
Conc: 19.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MS

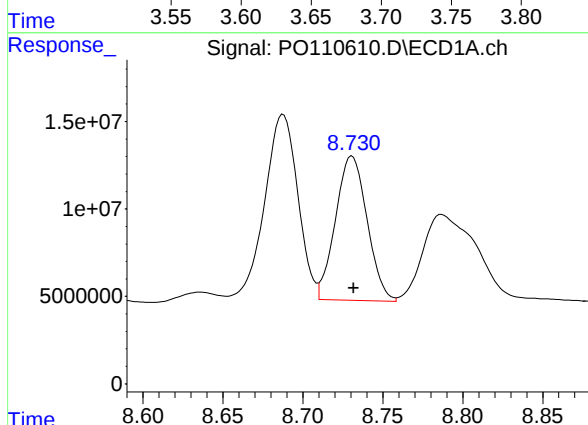
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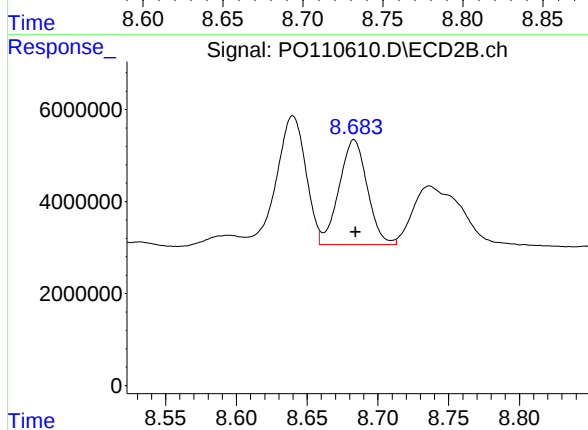
#1 Tetrachloro-m-xylene

R.T.: 3.684 min  
Delta R.T.: -0.002 min  
Response: 92022487  
Conc: 18.44 ng/ml



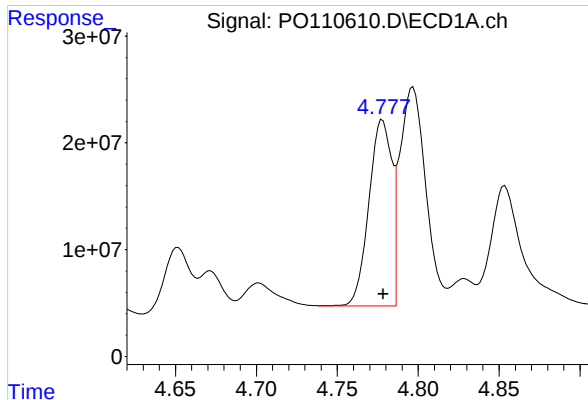
#2 Decachlorobiphenyl

R.T.: 8.730 min  
Delta R.T.: -0.002 min  
Response: 113128736  
Conc: 14.33 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.683 min  
Delta R.T.: -0.002 min  
Response: 31615299  
Conc: 16.42 ng/ml m



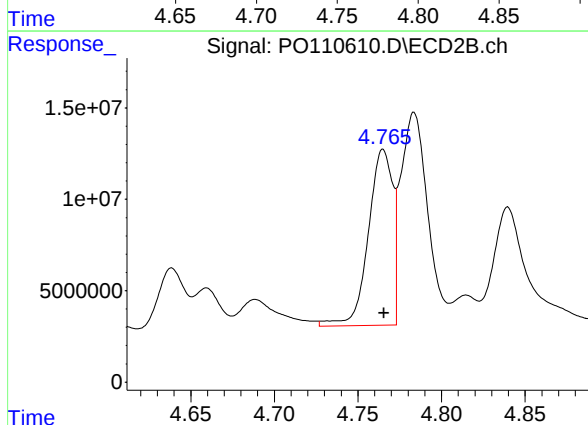
#3 AR-1016-1

R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 171159733  
Conc: 521.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MS

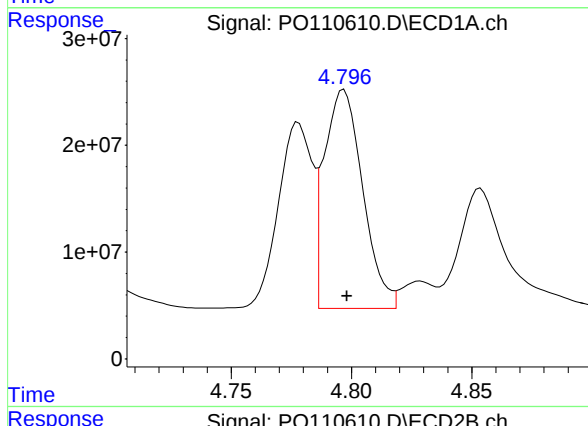
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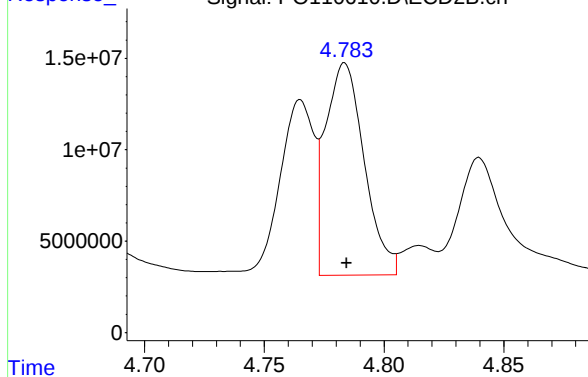
#3 AR-1016-1

R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 97289400  
Conc: 554.33 ng/ml



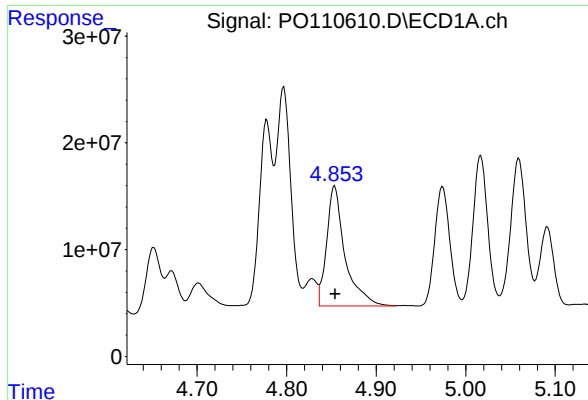
#4 AR-1016-2

R.T.: 4.797 min  
Delta R.T.: -0.001 min  
Response: 228048022  
Conc: 501.26 ng/ml



#4 AR-1016-2

R.T.: 4.784 min  
Delta R.T.: 0.000 min  
Response: 130400983  
Conc: 518.57 ng/ml



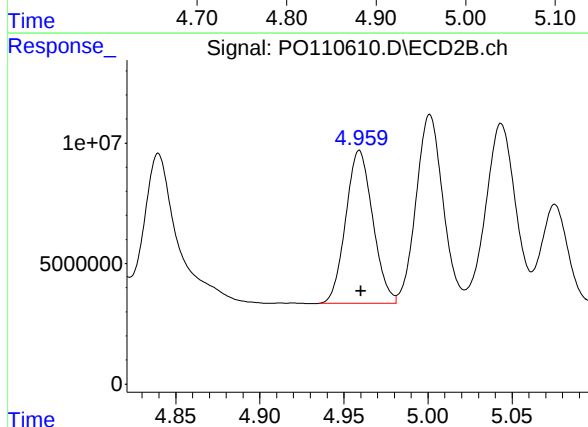
#5 AR-1016-3

R.T.: 4.854 min  
Delta R.T.: -0.001 min  
Response: 160172681  
Conc: 496.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MS

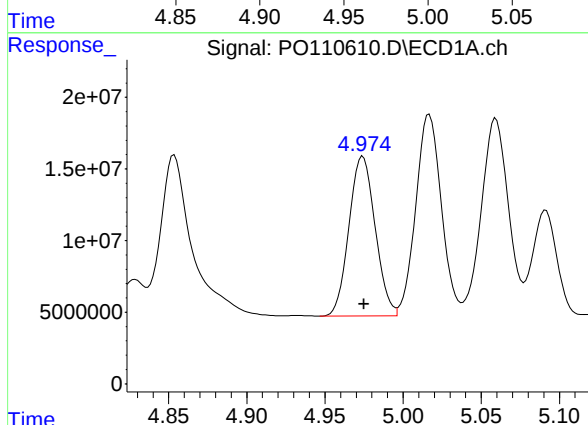
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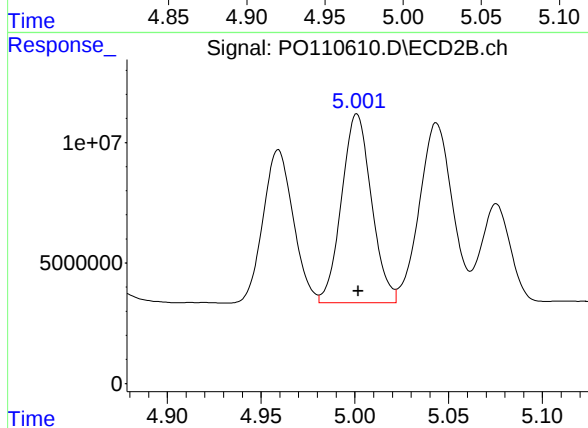
#5 AR-1016-3

R.T.: 4.959 min  
Delta R.T.: -0.001 min  
Response: 71100240  
Conc: 523.91 ng/ml



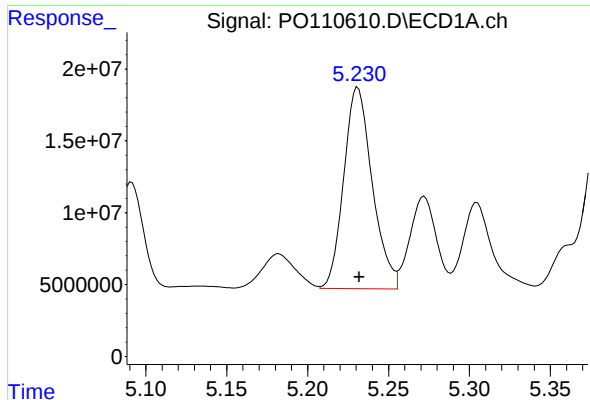
#6 AR-1016-4

R.T.: 4.974 min  
Delta R.T.: 0.000 min  
Response: 130067540  
Conc: 522.01 ng/ml



#6 AR-1016-4

R.T.: 5.001 min  
Delta R.T.: 0.000 min  
Response: 87142988  
Conc: 761.95 ng/ml



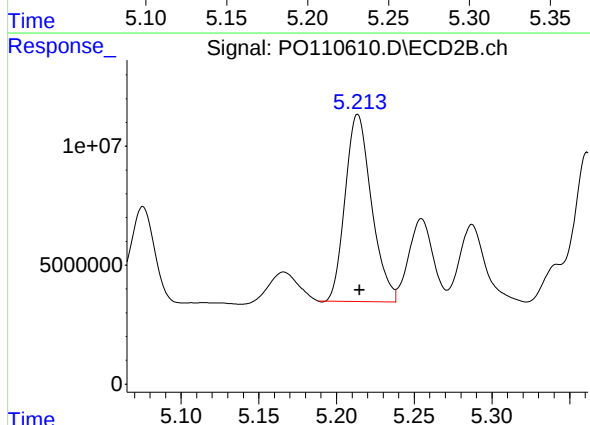
#7 AR-1016-5

R.T.: 5.231 min  
Delta R.T.: -0.001 min  
Response: 172137798  
Conc: 639.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MS

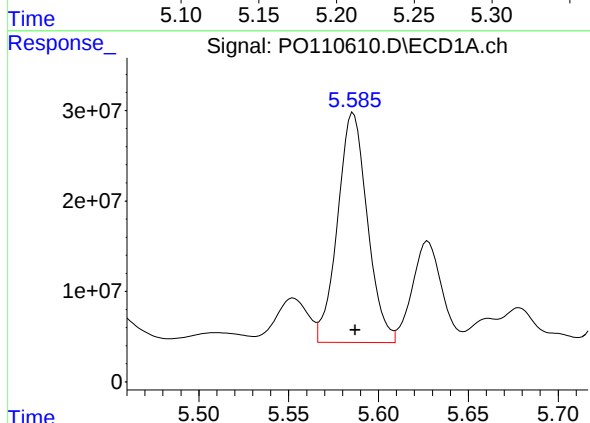
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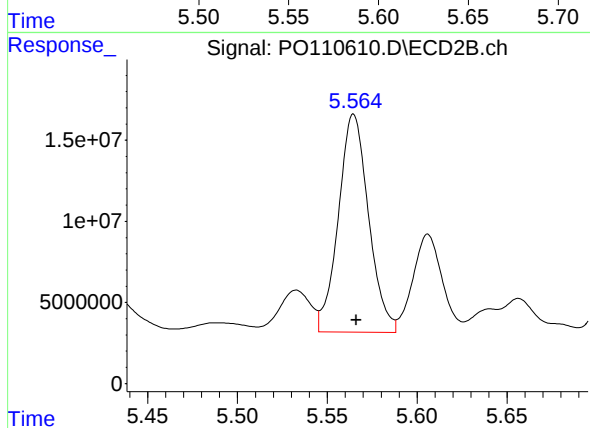
#7 AR-1016-5

R.T.: 5.214 min  
Delta R.T.: -0.001 min  
Response: 92754543  
Conc: 622.21 ng/ml



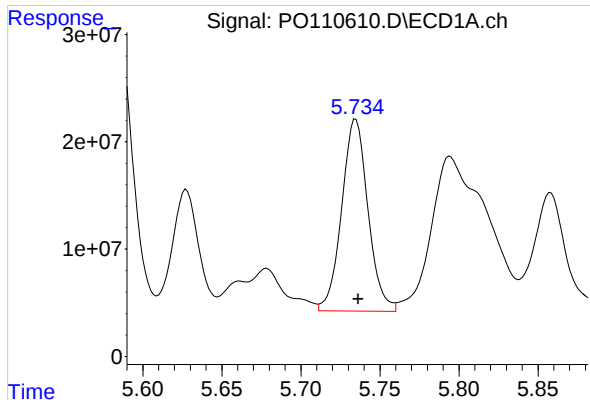
#26 AR-1254-1

R.T.: 5.586 min  
Delta R.T.: 0.000 min  
Response: 292517808  
Conc: 524.24 ng/ml



#26 AR-1254-1

R.T.: 5.565 min  
Delta R.T.: -0.001 min  
Response: 157041522  
Conc: 520.87 ng/ml



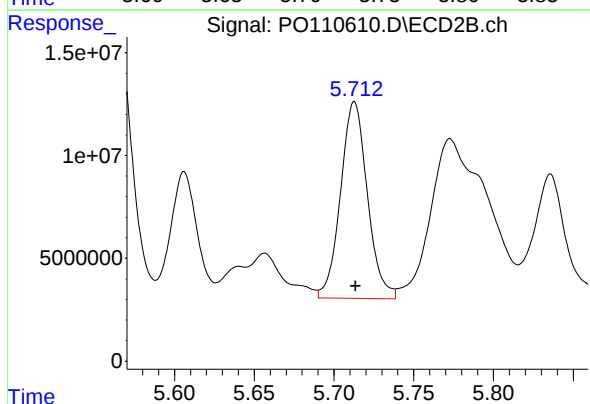
#27 AR-1254-2

R.T.: 5.735 min  
Delta R.T.: -0.002 min  
Response: 207055951  
Conc: 426.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MS

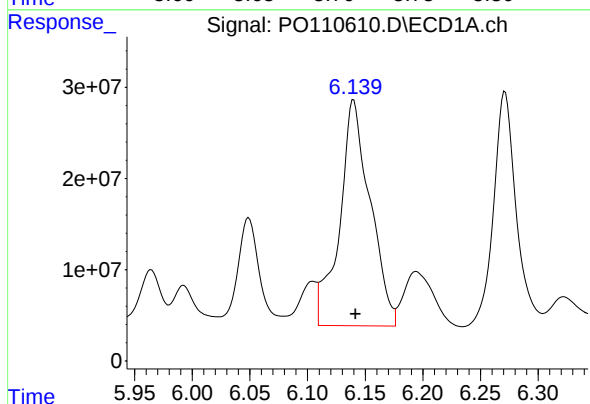
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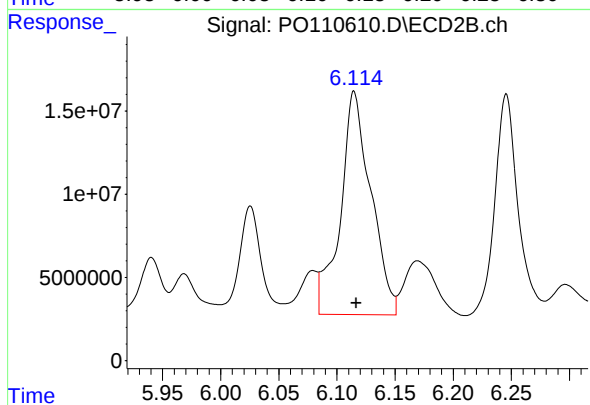
#27 AR-1254-2

R.T.: 5.713 min  
Delta R.T.: 0.000 min  
Response: 112030536  
Conc: 423.26 ng/ml



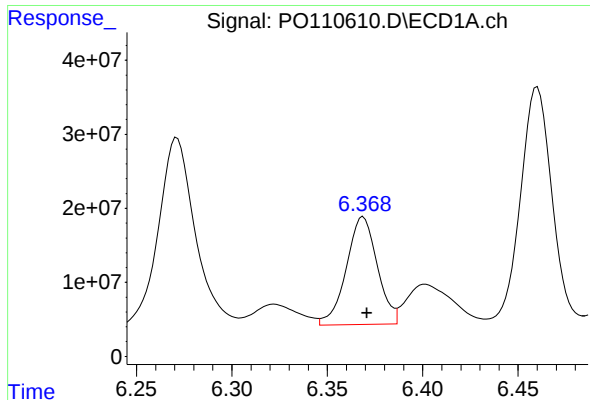
#28 AR-1254-3

R.T.: 6.140 min  
Delta R.T.: -0.002 min  
Response: 456877162  
Conc: 583.33 ng/ml



#28 AR-1254-3

R.T.: 6.115 min  
Delta R.T.: -0.002 min  
Response: 245197912  
Conc: 607.80 ng/ml



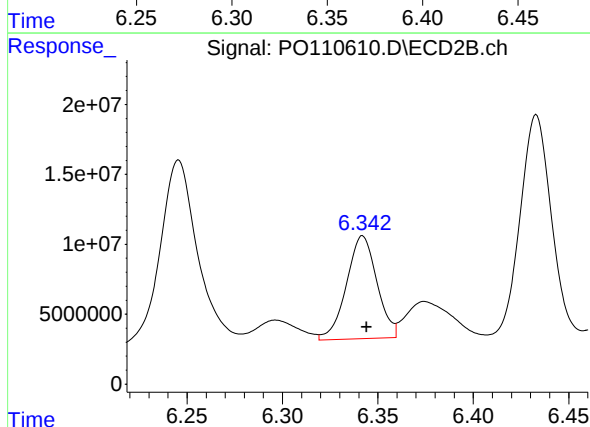
#29 AR-1254-4

R.T.: 6.369 min  
Delta R.T.: -0.002 min  
Response: 165099573  
Conc: 338.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MS

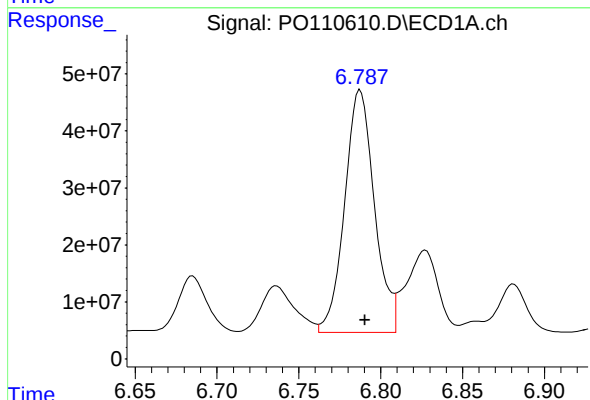
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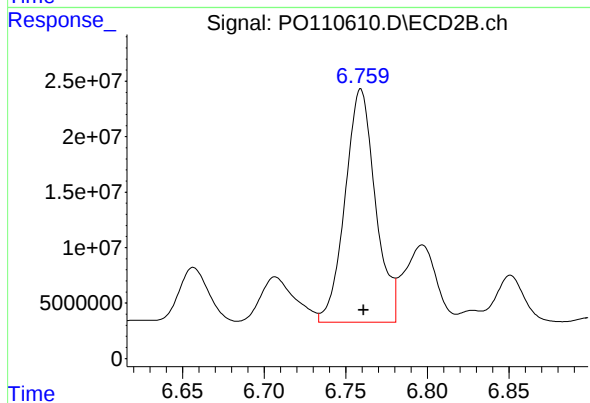
#29 AR-1254-4

R.T.: 6.342 min  
Delta R.T.: -0.002 min  
Response: 82166086  
Conc: 357.69 ng/ml



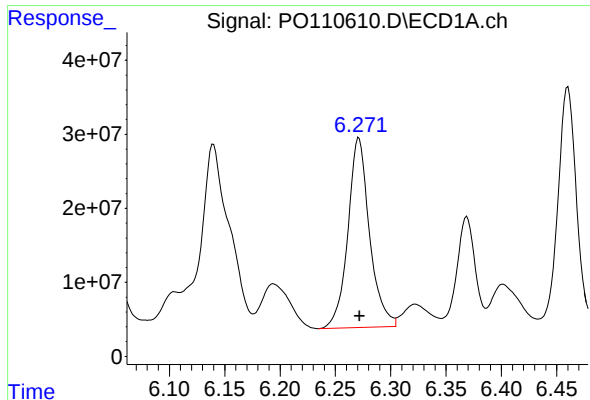
#30 AR-1254-5

R.T.: 6.787 min  
Delta R.T.: -0.003 min  
Response: 540049304  
Conc: 770.51 ng/ml



#30 AR-1254-5

R.T.: 6.759 min  
Delta R.T.: -0.002 min  
Response: 272437422  
Conc: 819.87 ng/ml



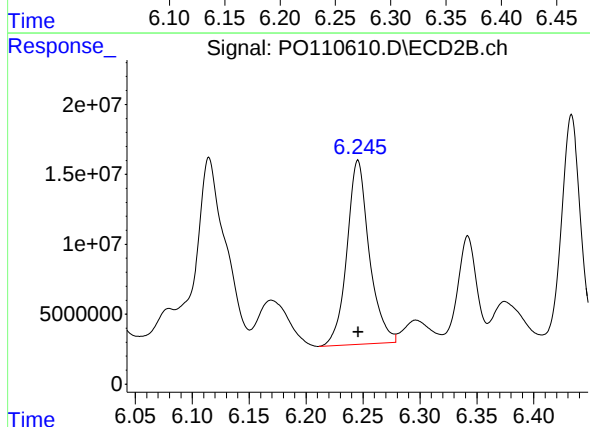
#31 AR-1260-1

R.T.: 6.271 min  
Delta R.T.: 0.000 min  
Response: 348262627  
Conc: 737.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MS

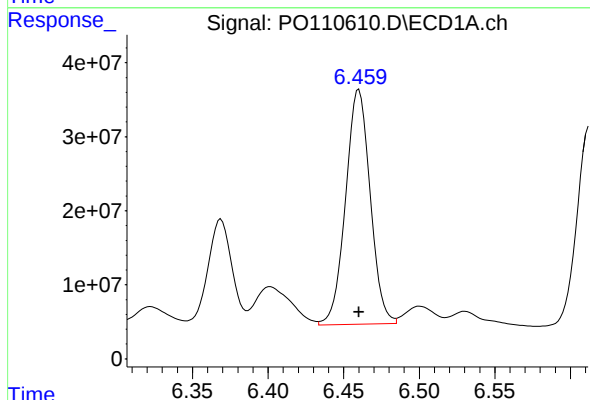
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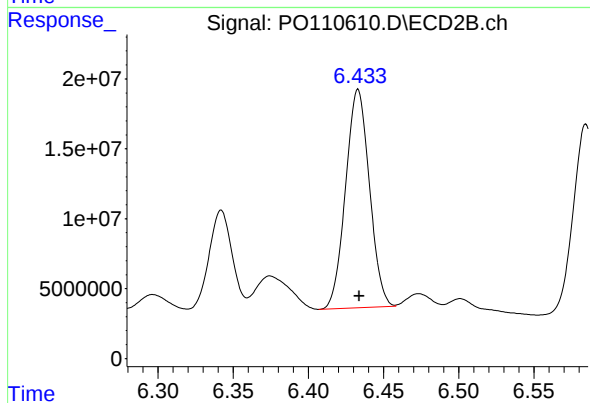
#31 AR-1260-1

R.T.: 6.246 min  
Delta R.T.: 0.000 min  
Response: 180213628  
Conc: 732.68 ng/ml



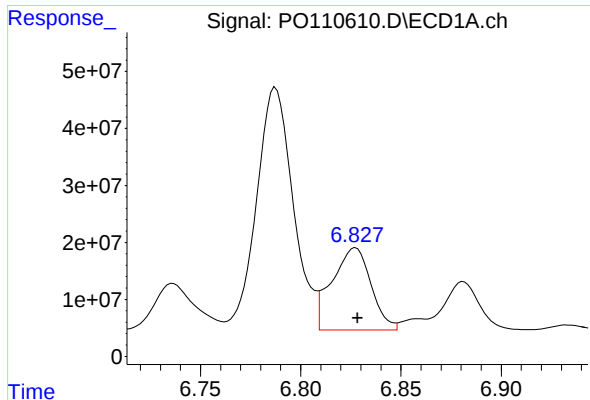
#32 AR-1260-2

R.T.: 6.460 min  
Delta R.T.: 0.000 min  
Response: 359153514  
Conc: 612.45 ng/ml



#32 AR-1260-2

R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 172433674  
Conc: 591.03 ng/ml



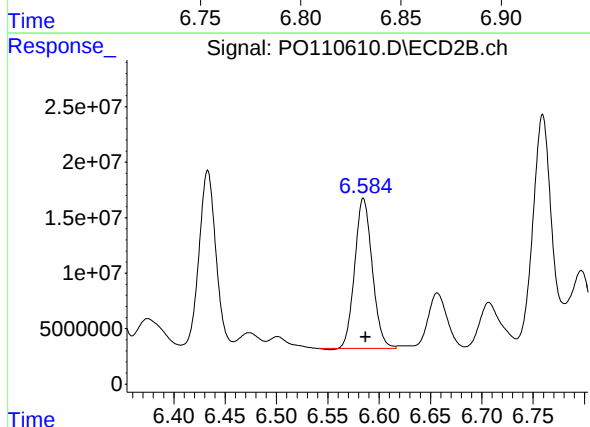
#33 AR-1260-3

R.T.: 6.827 min  
Delta R.T.: -0.001 min  
Response: 195916843  
Conc: 397.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MS

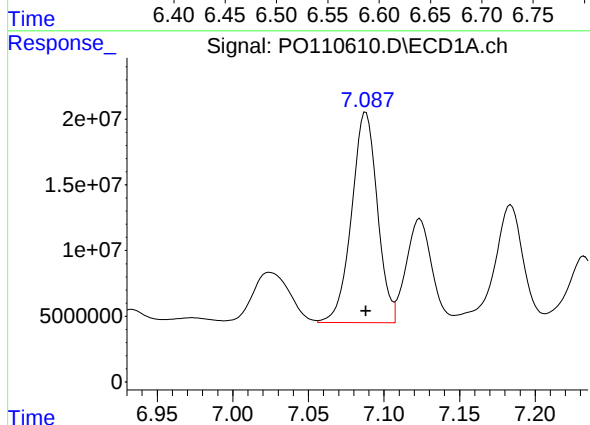
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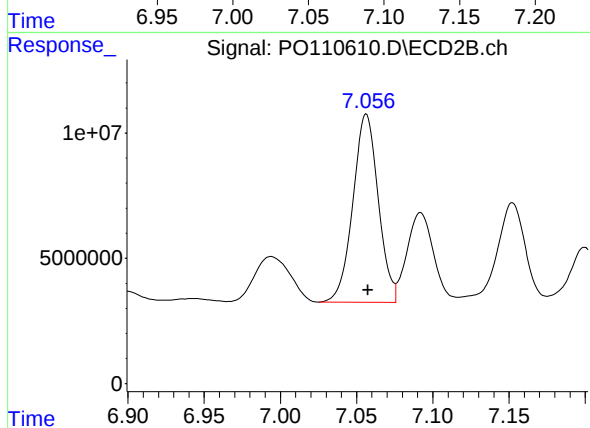
#33 AR-1260-3

R.T.: 6.585 min  
Delta R.T.: -0.002 min  
Response: 160601918  
Conc: 592.88 ng/ml



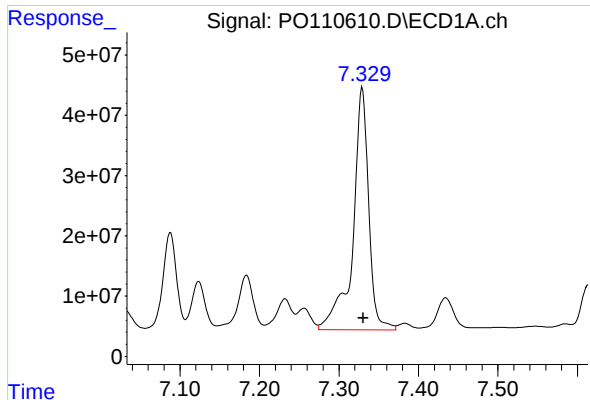
#34 AR-1260-4

R.T.: 7.088 min  
Delta R.T.: 0.000 min  
Response: 189594189  
Conc: 446.71 ng/ml



#34 AR-1260-4

R.T.: 7.056 min  
Delta R.T.: -0.001 min  
Response: 87110409  
Conc: 434.16 ng/ml



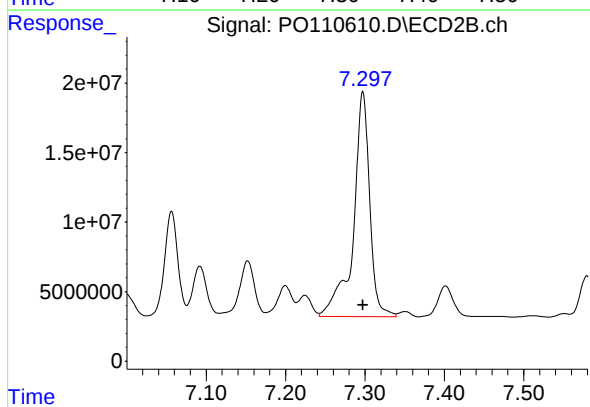
#35 AR-1260-5

R.T.: 7.329 min  
Delta R.T.: -0.001 min  
Response: 555871739  
Conc: 532.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MS

Manual Integrations  
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#35 AR-1260-5

R.T.: 7.297 min  
Delta R.T.: 0.000 min  
Response: 232058897  
Conc: 505.73 ng/ml