

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042225\  
 Data File : P0110611.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 18:57  
 Operator : YP/AJ  
 Sample : Q1848-01MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 RBR200027MSD

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 07:00:36 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 | 3.685 | 170.8E6 | 92717434 | 19.527  | 18.581    |
| 2) SA Decachlor...          | 8.731 | 8.684 | 142.0E6 | 32147707 | 17.984m | 16.700m   |
| Target Compounds            |       |       |         |          |         |           |
| 3) L1 AR-1016-1             | 4.778 | 4.765 | 168.6E6 | 95334265 | 513.791 | 543.186   |
| 4) L1 AR-1016-2             | 4.797 | 4.784 | 223.8E6 | 128.4E6  | 491.944 | 510.679   |
| 5) L1 AR-1016-3             | 4.853 | 4.960 | 156.5E6 | 68046971 | 485.183 | 501.411   |
| 6) L1 AR-1016-4             | 4.974 | 5.002 | 125.3E6 | 86358886 | 502.778 | 755.097 # |
| 7) L1 AR-1016-5             | 5.231 | 5.214 | 167.4E6 | 87663784 | 622.274 | 588.056   |
| 26) L6 AR-1254-1            | 5.586 | 5.565 | 306.5E6 | 164.5E6  | 549.278 | 545.452   |
| 27) L6 AR-1254-2            | 5.735 | 5.713 | 213.8E6 | 115.8E6  | 440.186 | 437.426   |
| 28) L6 AR-1254-3            | 6.140 | 6.116 | 467.2E6 | 251.5E6  | 596.522 | 623.502   |
| 29) L6 AR-1254-4            | 6.369 | 6.343 | 175.2E6 | 86933500 | 359.261 | 378.444   |
| 30) L6 AR-1254-5            | 6.789 | 6.760 | 567.8E6 | 282.6E6  | 810.060 | 850.451   |
| 31) L7 AR-1260-1            | 6.271 | 6.246 | 349.9E6 | 180.8E6  | 740.655 | 735.003   |
| 32) L7 AR-1260-2            | 6.460 | 6.434 | 351.5E6 | 168.6E6  | 599.405 | 577.872   |
| 33) L7 AR-1260-3            | 6.827 | 6.586 | 185.6E6 | 156.5E6  | 376.489 | 577.672 # |
| 34) L7 AR-1260-4            | 7.088 | 7.058 | 175.3E6 | 83404401 | 413.022 | 415.692   |
| 35) L7 AR-1260-5            | 7.330 | 7.299 | 532.1E6 | 192.7E6  | 509.946 | 419.930   |
| -----                       |       |       |         |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042225\  
Data File : PO110611.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 18:57  
Operator : YP/AJ  
Sample : Q1848-01MSD  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

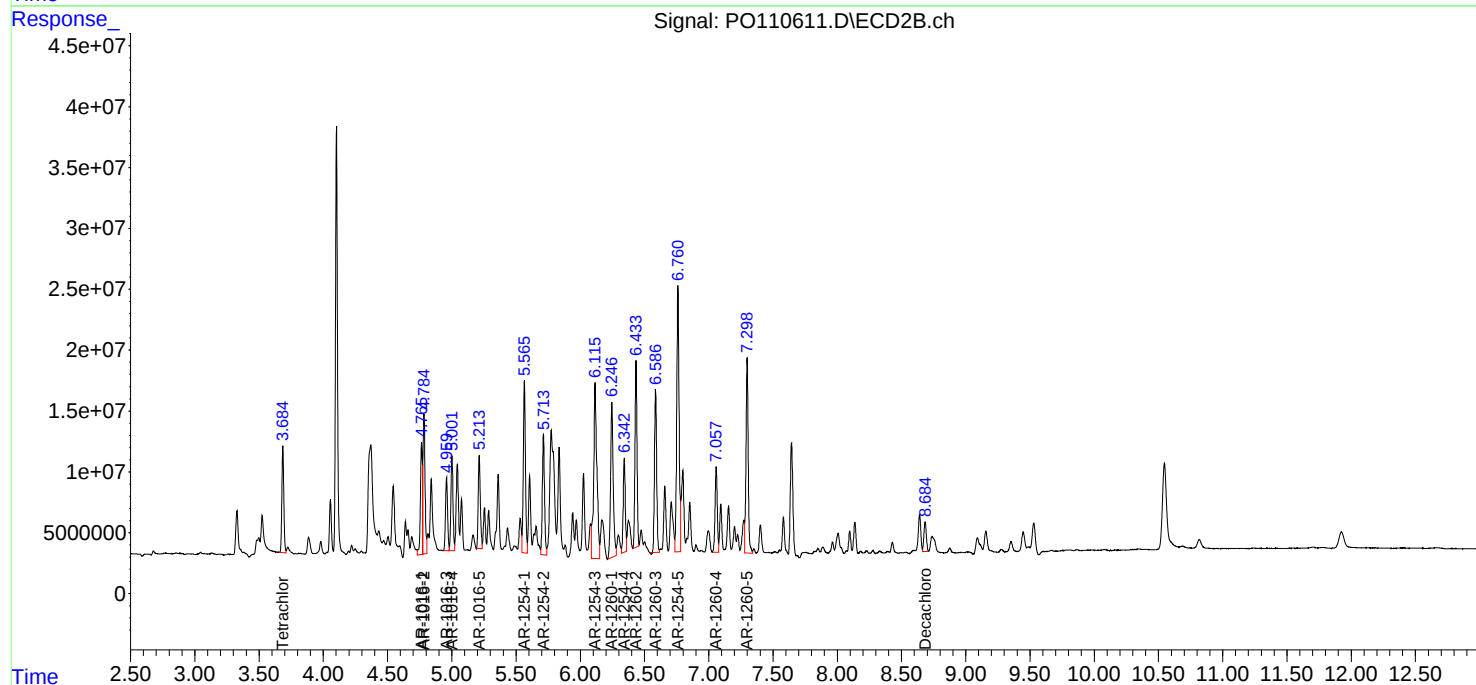
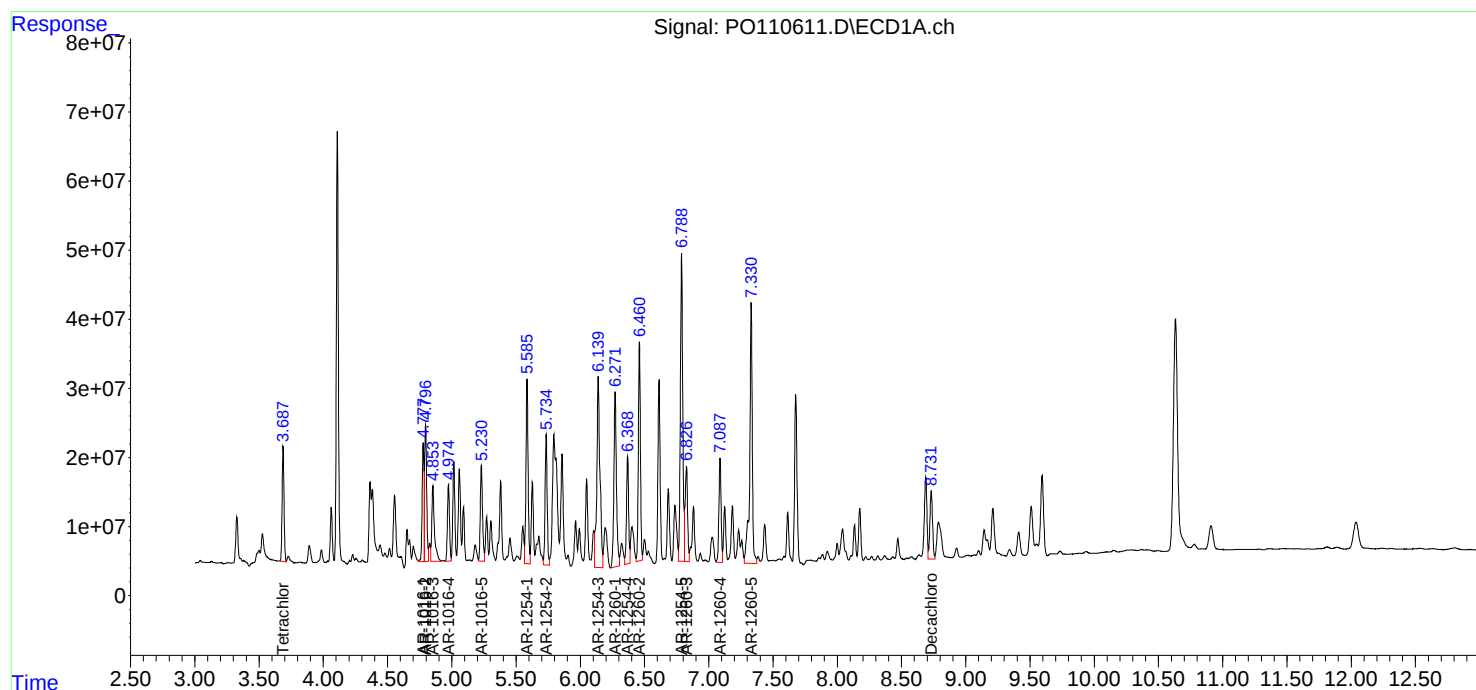
Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MSD

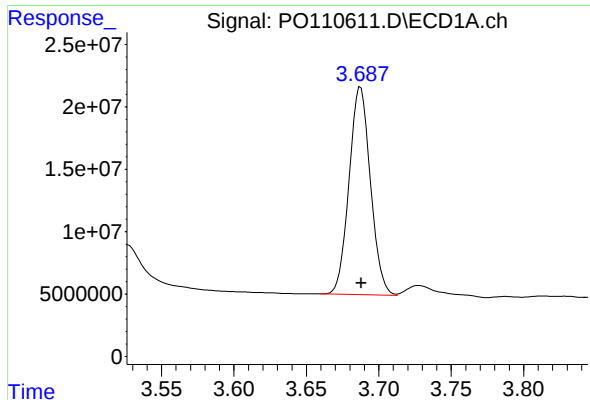
Manual Integrations  
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Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 07:00:36 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





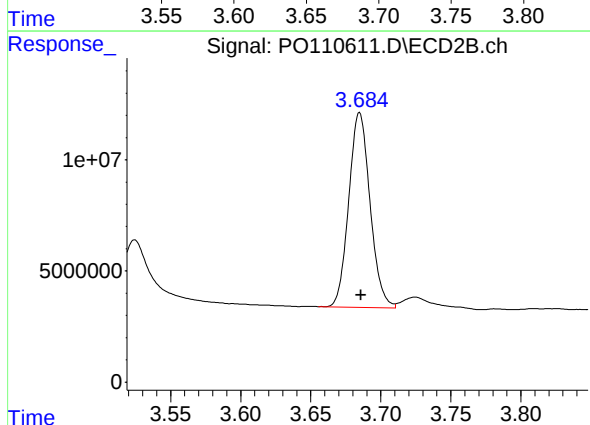
#1 Tetrachloro-m-xylene

R.T.: 3.687 min  
Delta R.T.: 0.000 min  
Response: 170845501  
Conc: 19.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MSD

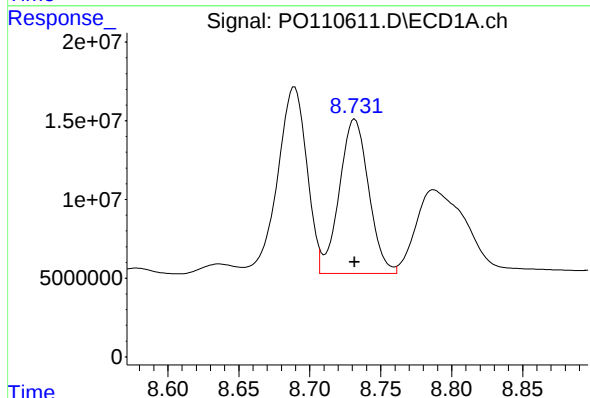
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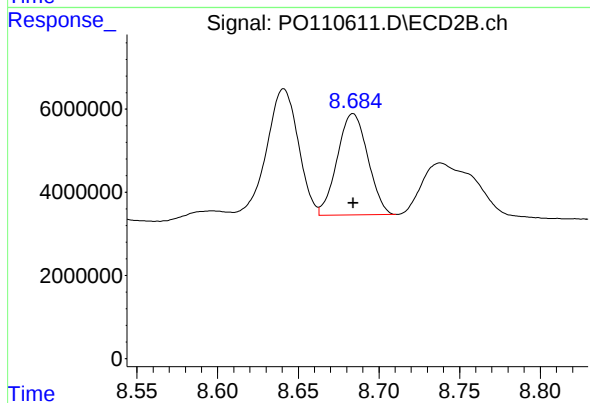
#1 Tetrachloro-m-xylene

R.T.: 3.685 min  
Delta R.T.: 0.000 min  
Response: 92717434  
Conc: 18.58 ng/ml



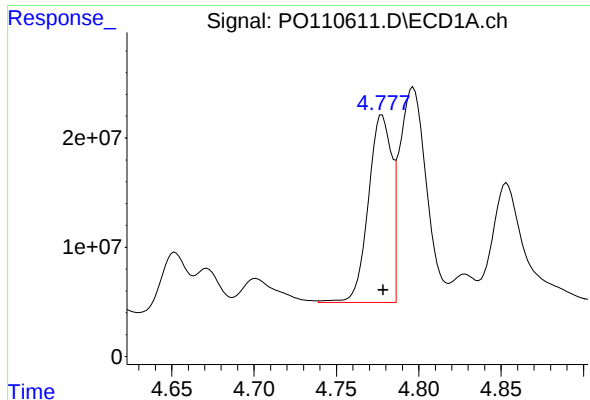
#2 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: 0.000 min  
Response: 141986707  
Conc: 17.98 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.684 min  
Delta R.T.: 0.000 min  
Response: 32147707  
Conc: 16.70 ng/ml m



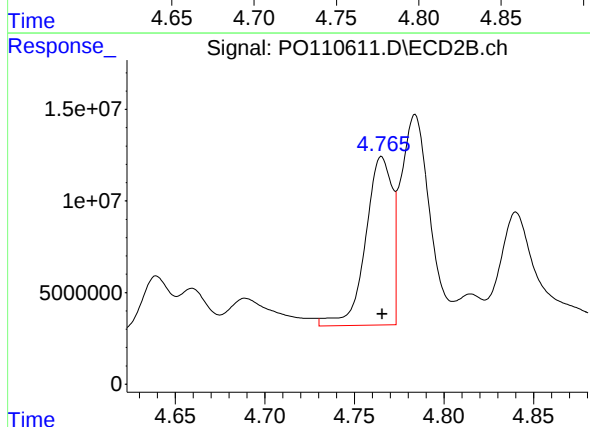
#3 AR-1016-1

R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 168597041  
Conc: 513.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MSD

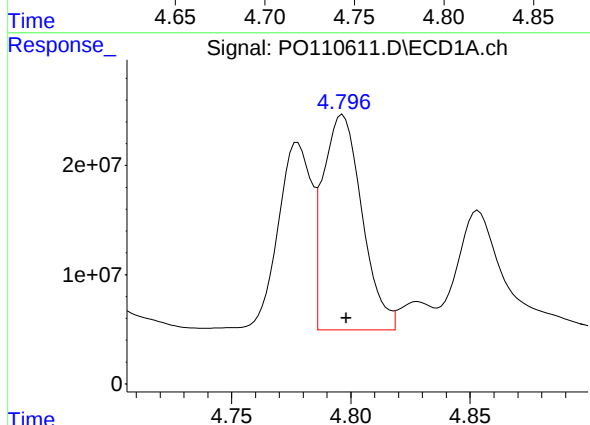
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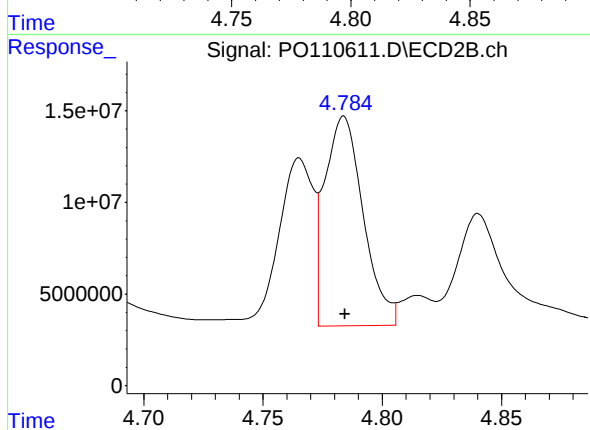
#3 AR-1016-1

R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 95334265  
Conc: 543.19 ng/ml



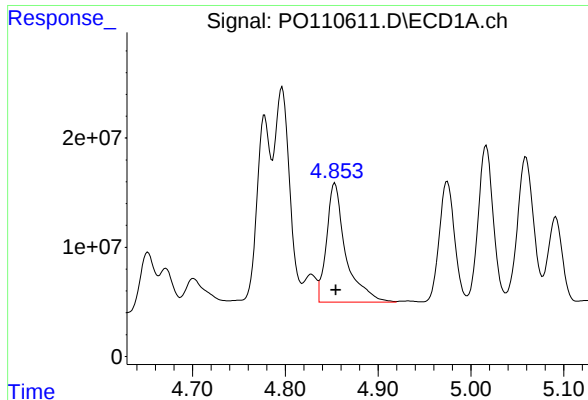
#4 AR-1016-2

R.T.: 4.797 min  
Delta R.T.: -0.002 min  
Response: 223808971  
Conc: 491.94 ng/ml



#4 AR-1016-2

R.T.: 4.784 min  
Delta R.T.: 0.000 min  
Response: 128417794  
Conc: 510.68 ng/ml



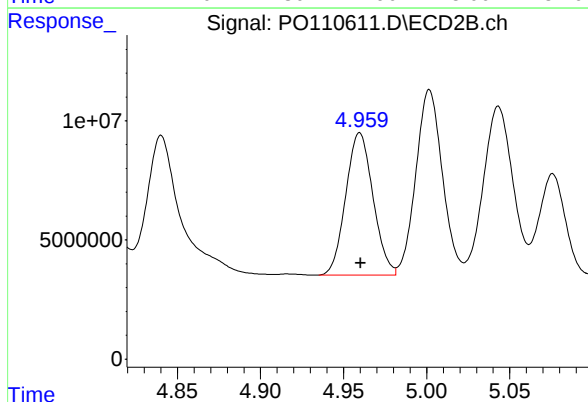
#5 AR-1016-3

R.T.: 4.853 min  
Delta R.T.: -0.001 min  
Response: 156485011  
Conc: 485.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MSD

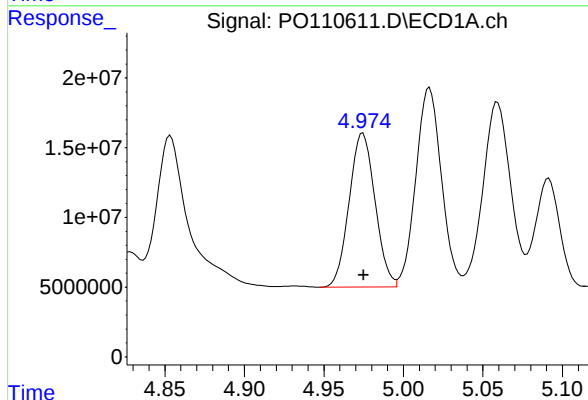
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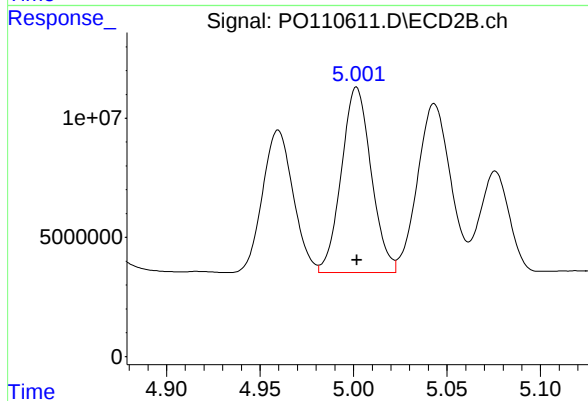
#5 AR-1016-3

R.T.: 4.960 min  
Delta R.T.: 0.000 min  
Response: 68046971  
Conc: 501.41 ng/ml



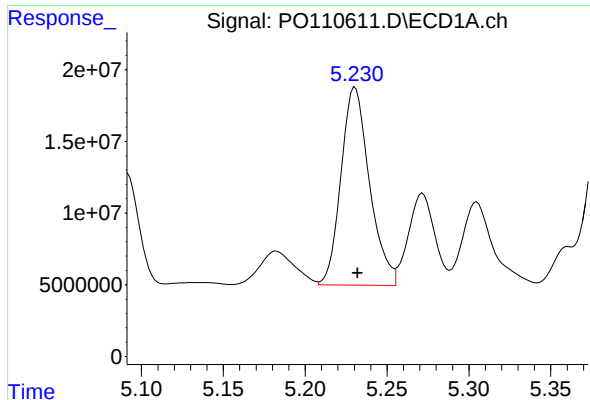
#6 AR-1016-4

R.T.: 4.974 min  
Delta R.T.: 0.000 min  
Response: 125274427  
Conc: 502.78 ng/ml



#6 AR-1016-4

R.T.: 5.002 min  
Delta R.T.: 0.000 min  
Response: 86358886  
Conc: 755.10 ng/ml



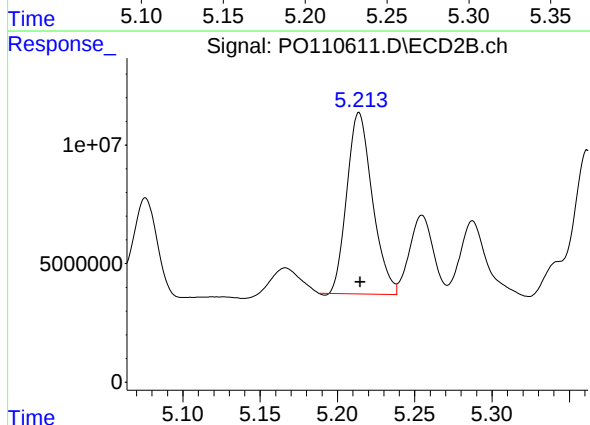
#7 AR-1016-5

R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 167398983  
Conc: 622.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MSD

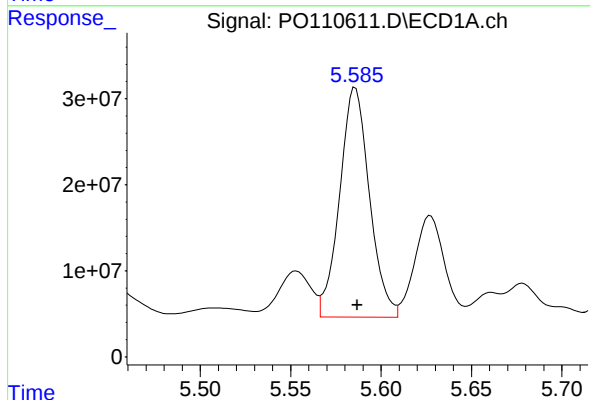
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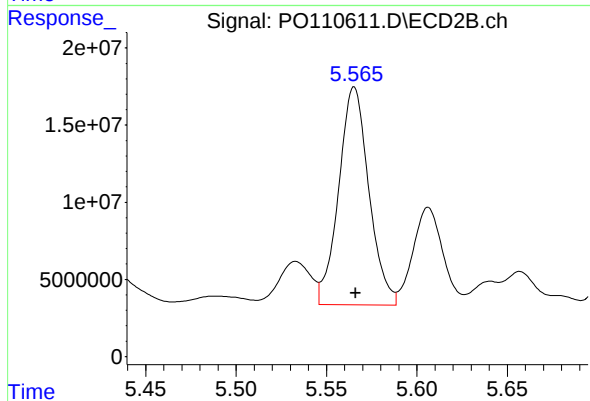
#7 AR-1016-5

R.T.: 5.214 min  
Delta R.T.: 0.000 min  
Response: 87663784  
Conc: 588.06 ng/ml



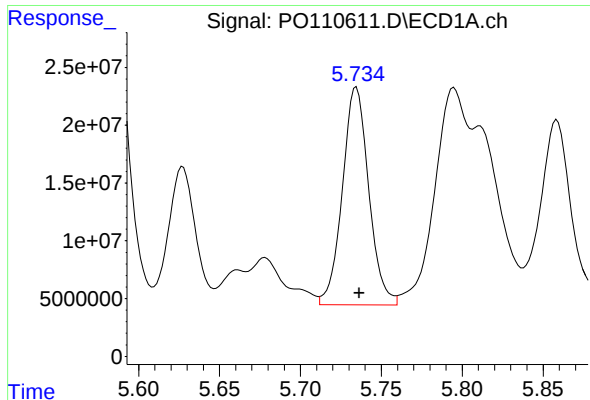
#26 AR-1254-1

R.T.: 5.586 min  
Delta R.T.: -0.001 min  
Response: 306491252  
Conc: 549.28 ng/ml



#26 AR-1254-1

R.T.: 5.565 min  
Delta R.T.: 0.000 min  
Response: 164453324  
Conc: 545.45 ng/ml



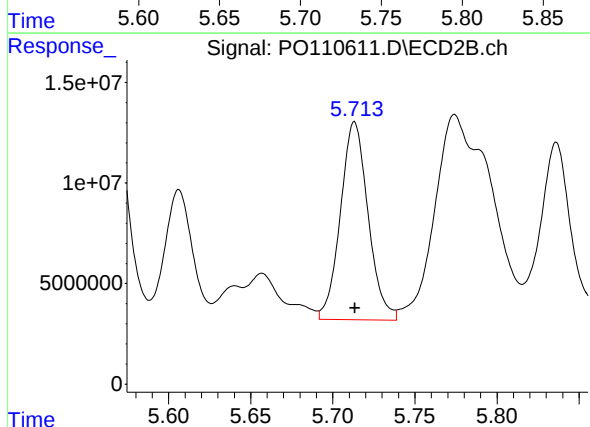
#27 AR-1254-2

R.T.: 5.735 min  
Delta R.T.: -0.002 min  
Response: 213799339  
Conc: 440.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MSD

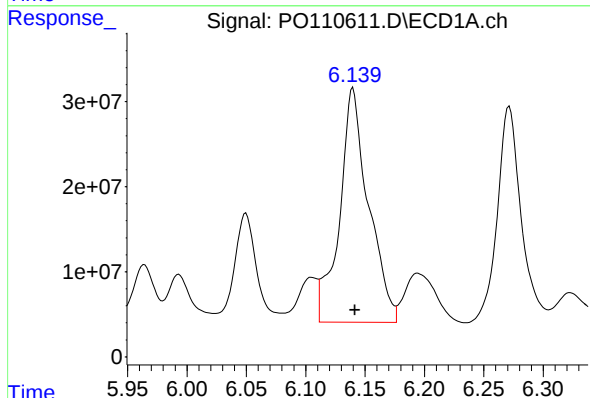
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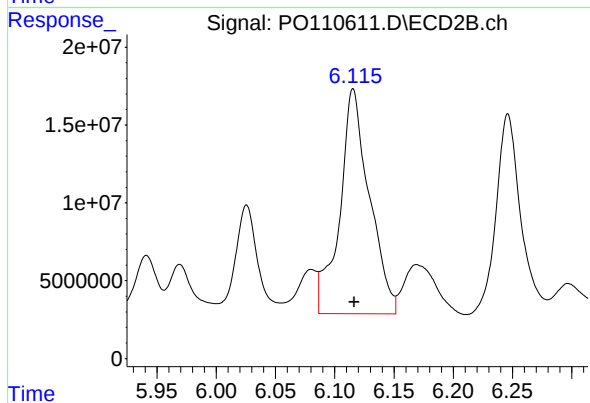
#27 AR-1254-2

R.T.: 5.713 min  
Delta R.T.: 0.000 min  
Response: 115780290  
Conc: 437.43 ng/ml



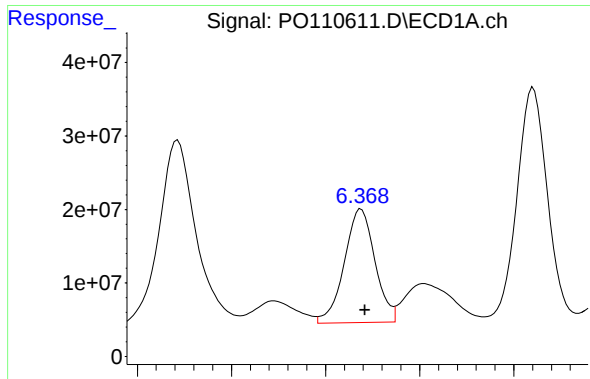
#28 AR-1254-3

R.T.: 6.140 min  
Delta R.T.: -0.002 min  
Response: 467209337  
Conc: 596.52 ng/ml



#28 AR-1254-3

R.T.: 6.116 min  
Delta R.T.: 0.000 min  
Response: 251530931  
Conc: 623.50 ng/ml



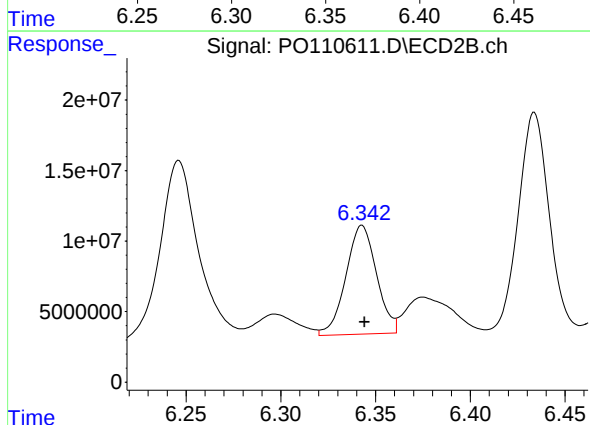
#29 AR-1254-4

R.T.: 6.369 min  
Delta R.T.: -0.002 min  
Response: 175177686  
Conc: 359.26 ng/ml

Instrument :  
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ClientSampleId :  
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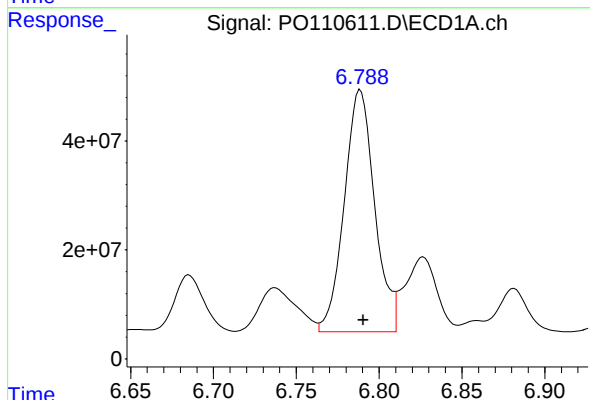
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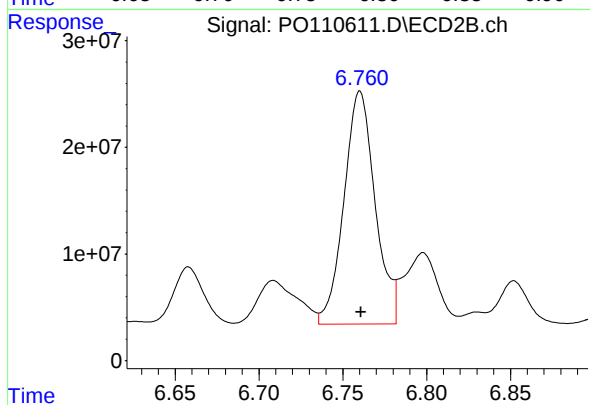
#29 AR-1254-4

R.T.: 6.343 min  
Delta R.T.: -0.001 min  
Response: 86933500  
Conc: 378.44 ng/ml



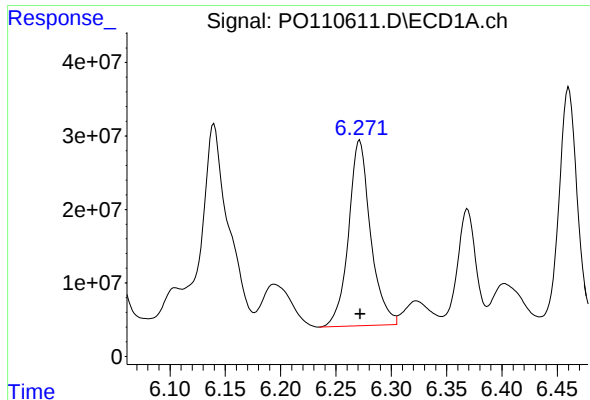
#30 AR-1254-5

R.T.: 6.789 min  
Delta R.T.: -0.002 min  
Response: 567771291  
Conc: 810.06 ng/ml



#30 AR-1254-5

R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 282597783  
Conc: 850.45 ng/ml



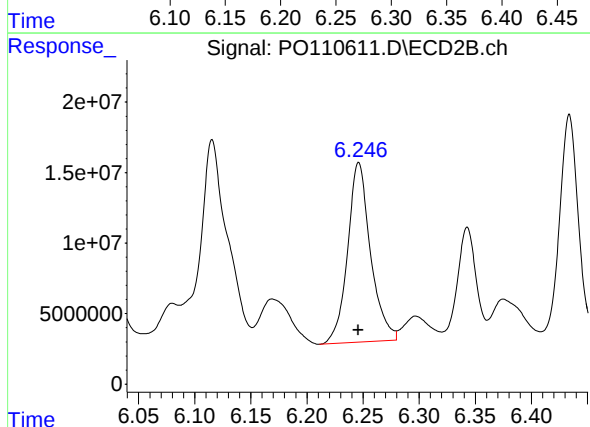
#31 AR-1260-1

R.T.: 6.271 min  
Delta R.T.: 0.000 min  
Response: 349918915  
Conc: 740.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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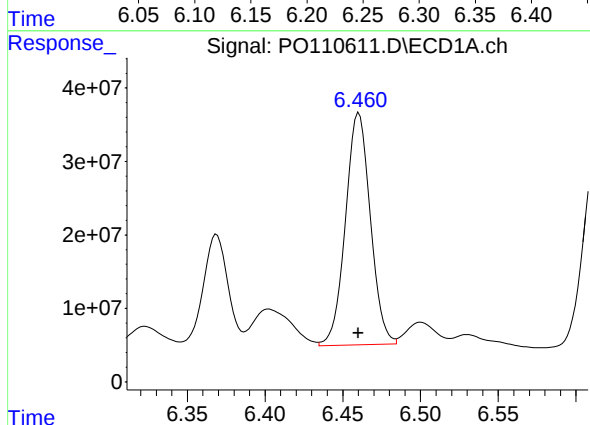
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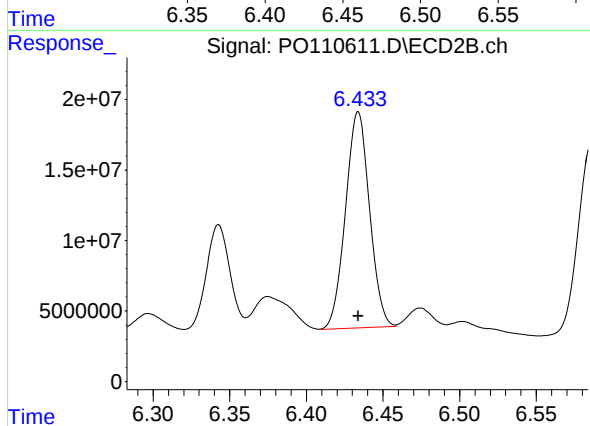
#31 AR-1260-1

R.T.: 6.246 min  
Delta R.T.: 0.000 min  
Response: 180784023  
Conc: 735.00 ng/ml



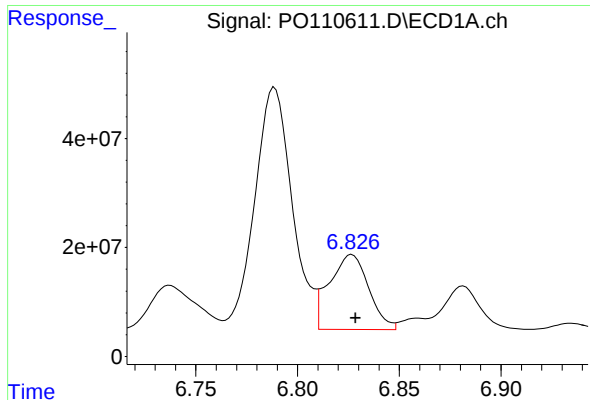
#32 AR-1260-2

R.T.: 6.460 min  
Delta R.T.: 0.000 min  
Response: 351505806  
Conc: 599.41 ng/ml



#32 AR-1260-2

R.T.: 6.434 min  
Delta R.T.: 0.000 min  
Response: 168594590  
Conc: 577.87 ng/ml



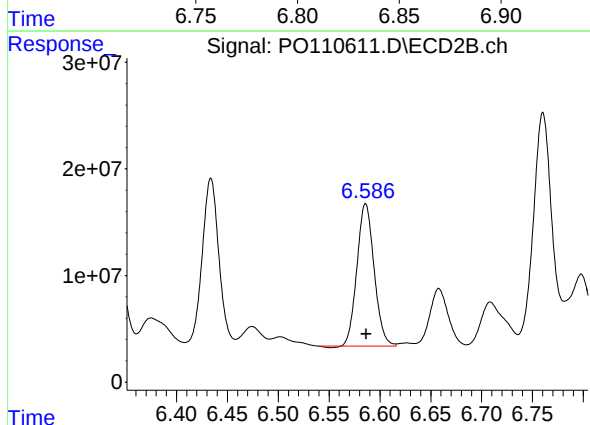
#33 AR-1260-3

R.T.: 6.827 min  
Delta R.T.: -0.002 min  
Response: 185560978  
Conc: 376.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RBR200027MSD

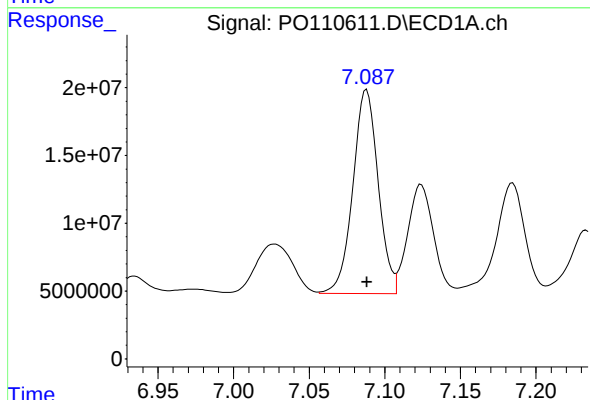
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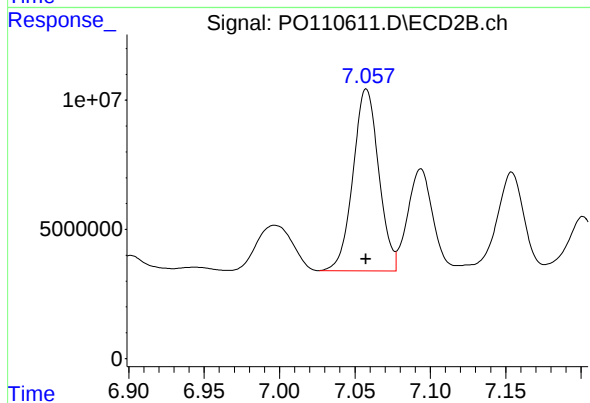
#33 AR-1260-3

R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 156482042  
Conc: 577.67 ng/ml



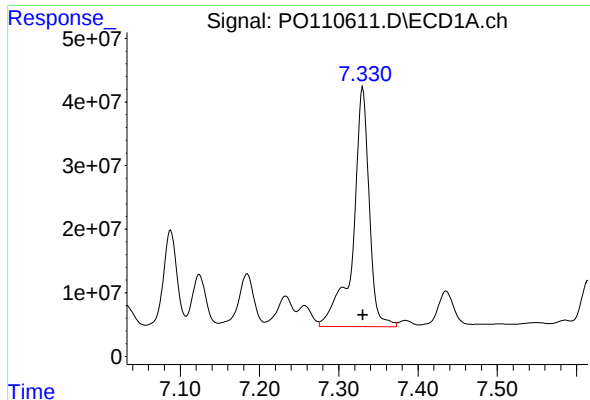
#34 AR-1260-4

R.T.: 7.088 min  
Delta R.T.: 0.000 min  
Response: 175296051  
Conc: 413.02 ng/ml



#34 AR-1260-4

R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 83404401  
Conc: 415.69 ng/ml



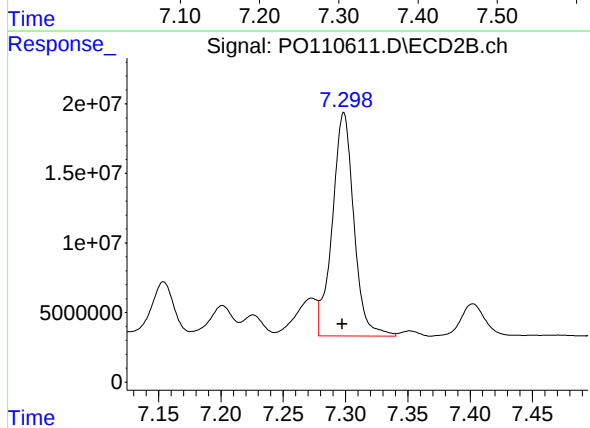
#35 AR-1260-5

R.T.: 7.330 min  
Delta R.T.: 0.000 min  
Response: 532114292  
Conc: 509.95 ng/ml

Instrument :  
ECD\_O  
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#35 AR-1260-5

R.T.: 7.299 min  
Delta R.T.: 0.001 min  
Response: 192688126  
Conc: 419.93 ng/ml