

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0081425\  
 Data File : P0112960.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Aug 2025 20:46  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/15/2025  
 Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 15 07:50:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jul 24 04:54:06 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...          | 3.667 | 3.659 | 429.9E6 | 251.2E6  | 52.873   | 50.544   |
| 2) SA Decachlor...          | 8.686 | 8.632 | 278.2E6 | 81930325 | 38.046   | 46.364   |
| Target Compounds            |       |       |         |          |          |          |
| 3) L1 AR-1016-1             | 4.750 | 4.732 | 144.5E6 | 82882737 | 538.335m | 473.597  |
| 4) L1 AR-1016-2             | 4.769 | 4.750 | 203.9E6 | 124.7E6  | 502.150m | 478.707  |
| 5) L1 AR-1016-3             | 4.827 | 4.925 | 130.1E6 | 65057378 | 497.111  | 478.481m |
| 6) L1 AR-1016-4             | 4.946 | 4.968 | 106.4E6 | 52827181 | 502.084  | 475.557m |
| 7) L1 AR-1016-5             | 5.203 | 5.180 | 123.8E6 | 69408086 | 563.999  | 484.345  |
| 31) L7 AR-1260-1            | 6.239 | 6.207 | 210.2E6 | 114.6E6  | 478.457  | 461.294  |
| 32) L7 AR-1260-2            | 6.429 | 6.396 | 305.1E6 | 152.1E6  | 443.482  | 461.523  |
| 33) L7 AR-1260-3            | 6.795 | 6.547 | 275.6E6 | 118.5E6  | 468.726  | 461.259m |
| 34) L7 AR-1260-4            | 7.053 | 7.016 | 212.7E6 | 87352710 | 471.688  | 456.601  |
| 35) L7 AR-1260-5            | 7.297 | 7.258 | 519.3E6 | 194.2E6  | 419.112  | 471.079  |
| -----                       |       |       |         |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081425\  
Data File : PO112960.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Aug 2025 20:46  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

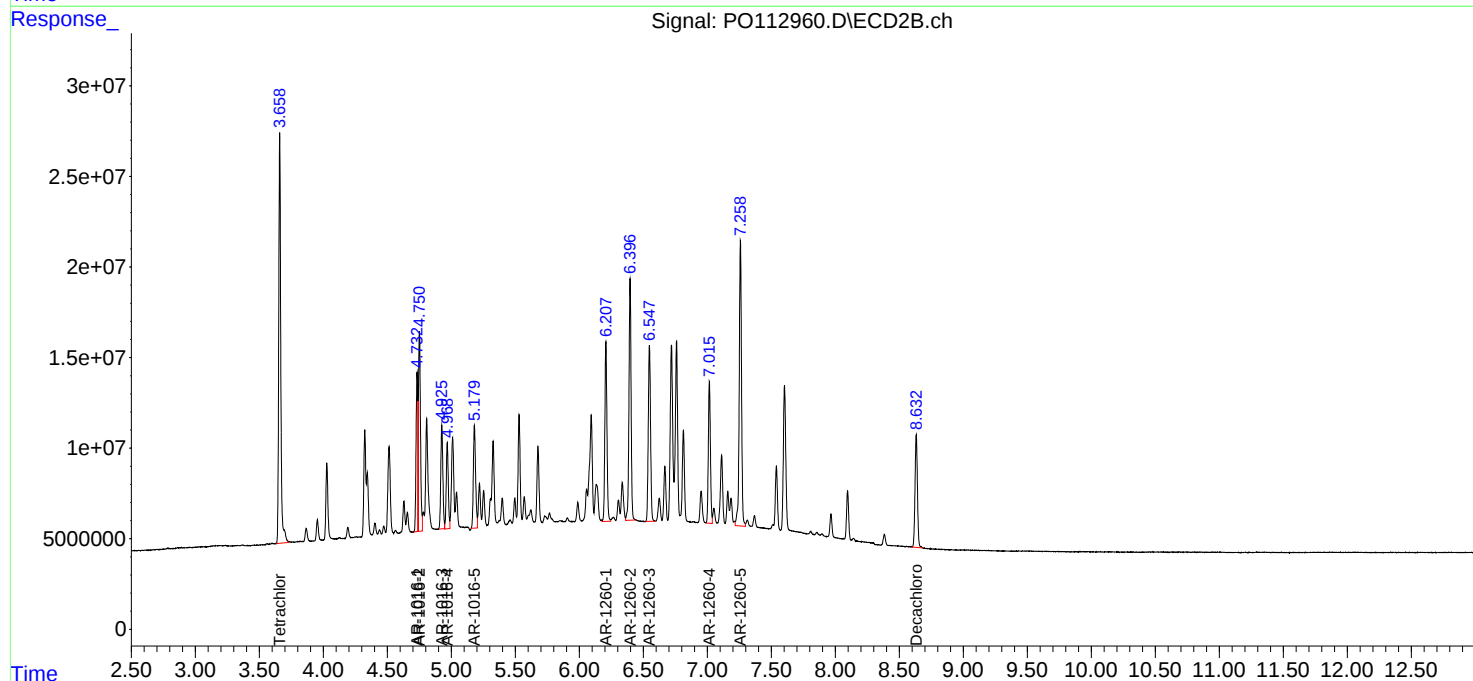
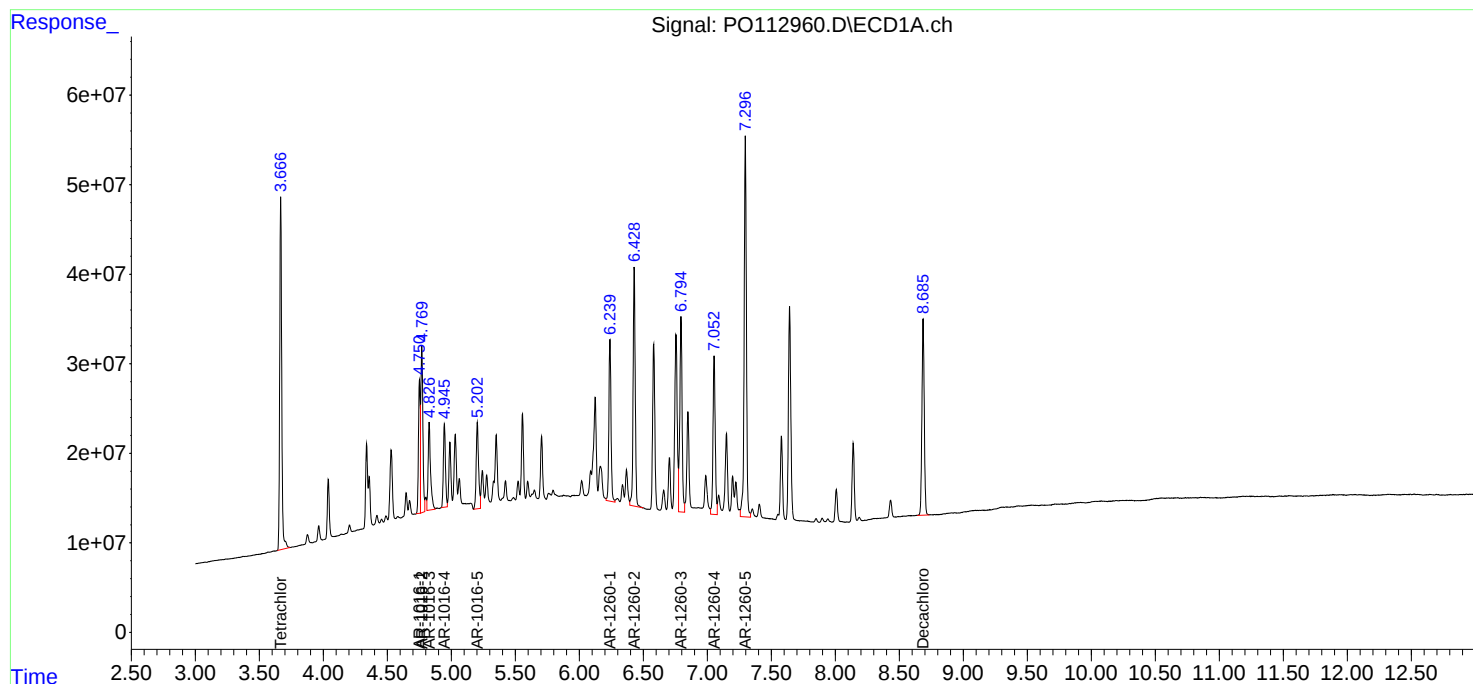
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

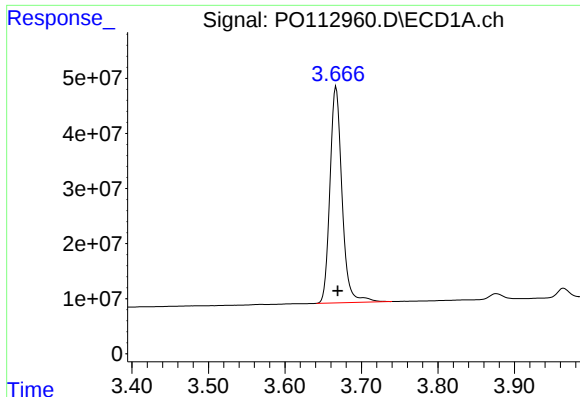
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 15 07:50:46 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO072325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jul 24 04:54:06 2025  
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





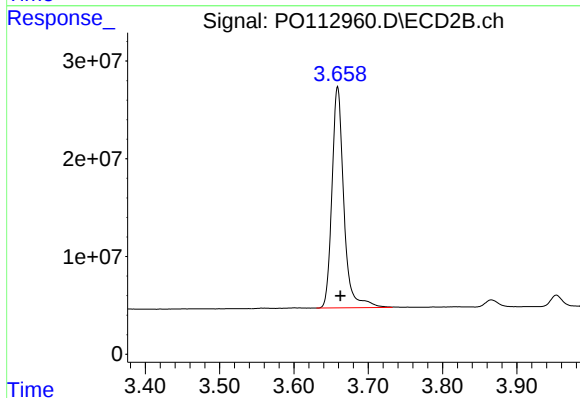
#1 Tetrachloro-m-xylene

R.T.: 3.667 min  
Delta R.T.: -0.002 min  
Response: 429943695  
Conc: 52.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

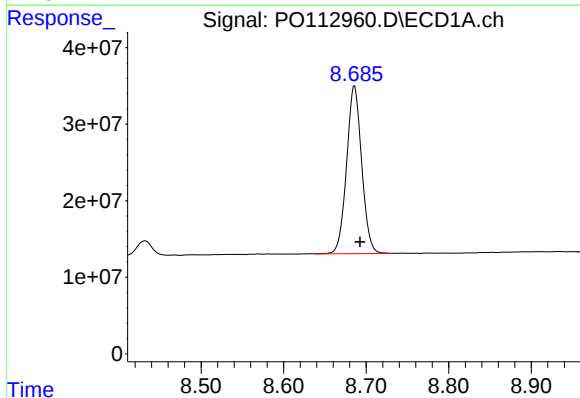
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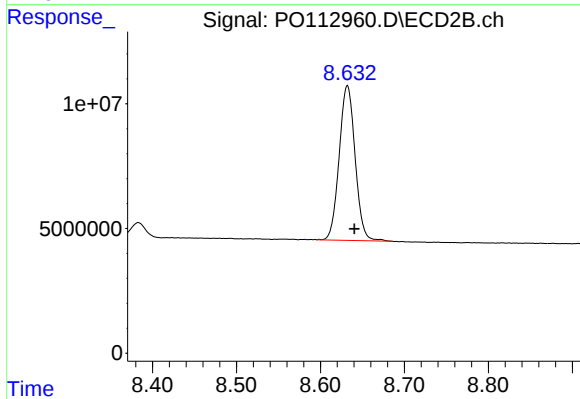
#1 Tetrachloro-m-xylene

R.T.: 3.659 min  
Delta R.T.: -0.004 min  
Response: 251162933  
Conc: 50.54 ng/ml



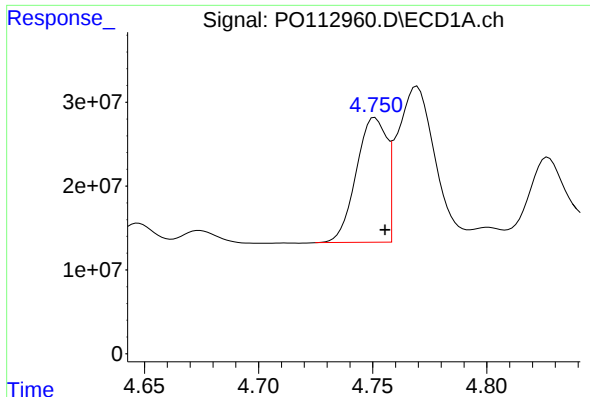
#2 Decachlorobiphenyl

R.T.: 8.686 min  
Delta R.T.: -0.007 min  
Response: 278181597  
Conc: 38.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.632 min  
Delta R.T.: -0.008 min  
Response: 81930325  
Conc: 46.36 ng/ml



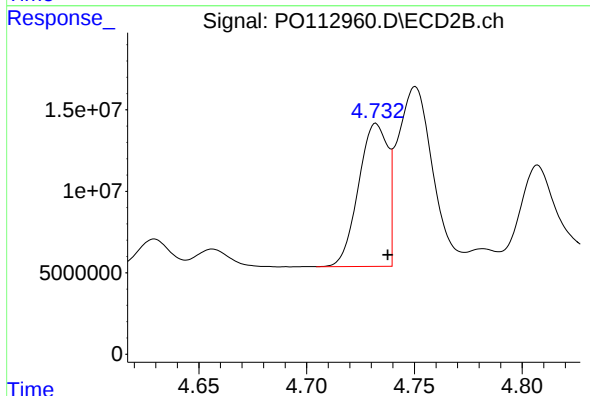
#3 AR-1016-1

R.T.: 4.750 min  
Delta R.T.: -0.005 min  
Response: 144470713  
Conc: 538.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

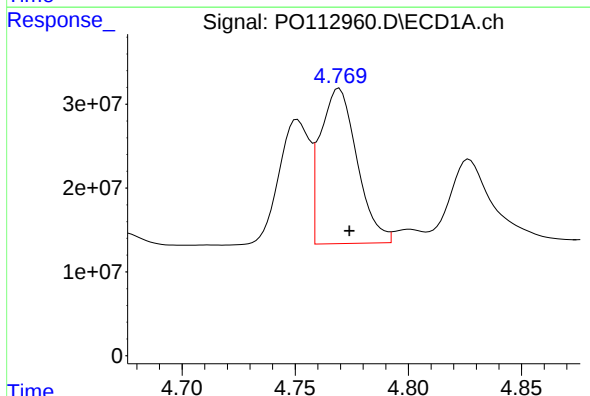
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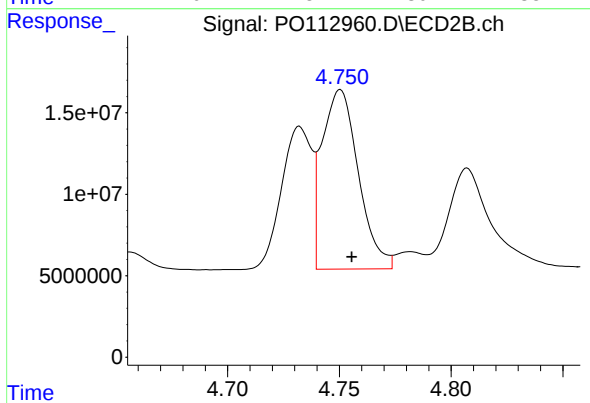
#3 AR-1016-1

R.T.: 4.732 min  
Delta R.T.: -0.005 min  
Response: 82882737  
Conc: 473.60 ng/ml



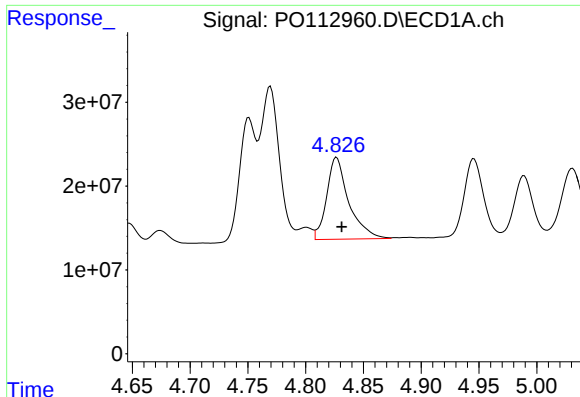
#4 AR-1016-2

R.T.: 4.769 min  
Delta R.T.: -0.005 min  
Response: 203931887  
Conc: 502.15 ng/ml m



#4 AR-1016-2

R.T.: 4.750 min  
Delta R.T.: -0.005 min  
Response: 124700849  
Conc: 478.71 ng/ml



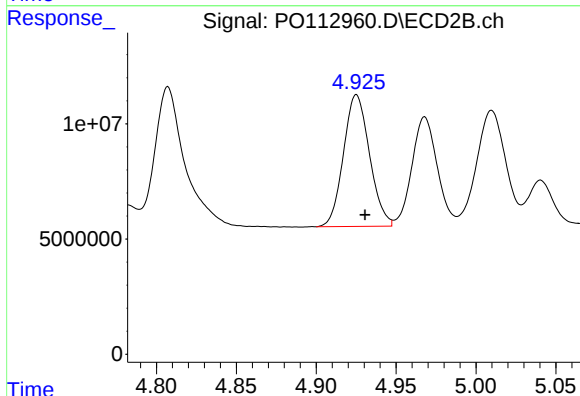
#5 AR-1016-3

R.T.: 4.827 min  
Delta R.T.: -0.004 min  
Response: 130080959  
Conc: 497.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

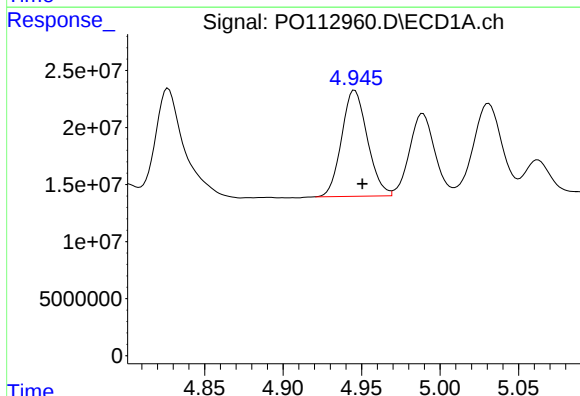
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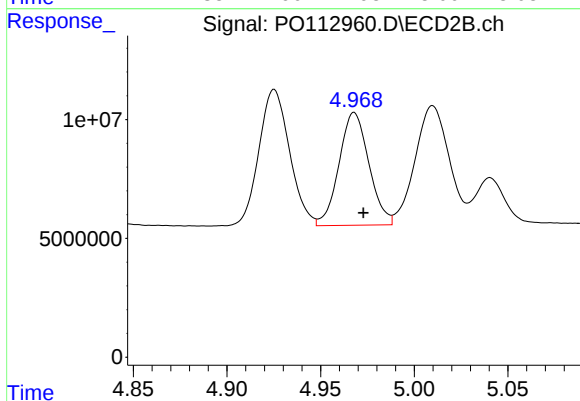
#5 AR-1016-3

R.T.: 4.925 min  
Delta R.T.: -0.006 min  
Response: 65057378  
Conc: 478.48 ng/ml m



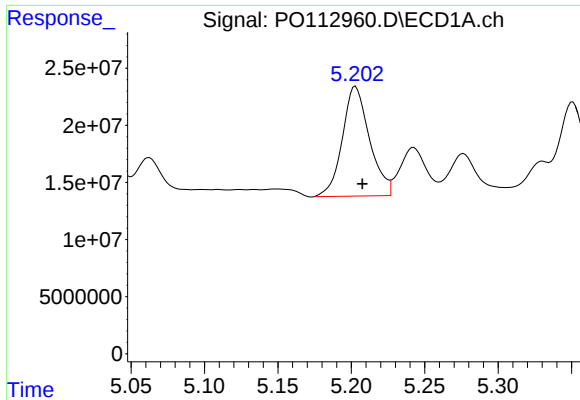
#6 AR-1016-4

R.T.: 4.946 min  
Delta R.T.: -0.005 min  
Response: 106362285  
Conc: 502.08 ng/ml



#6 AR-1016-4

R.T.: 4.968 min  
Delta R.T.: -0.005 min  
Response: 52827181  
Conc: 475.56 ng/ml m



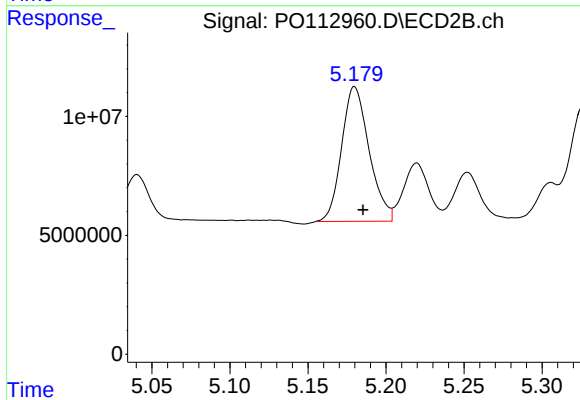
#7 AR-1016-5

R.T.: 5.203 min  
Delta R.T.: -0.005 min  
Response: 123781273  
Conc: 564.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

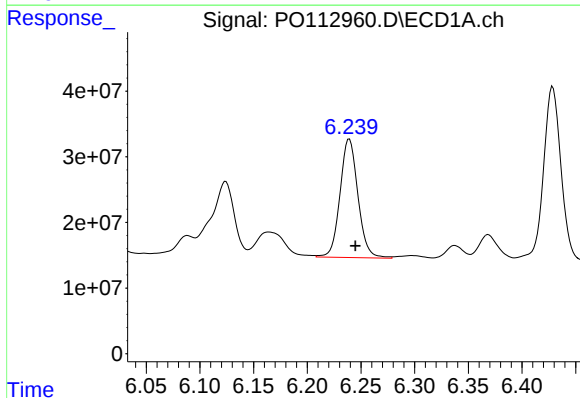
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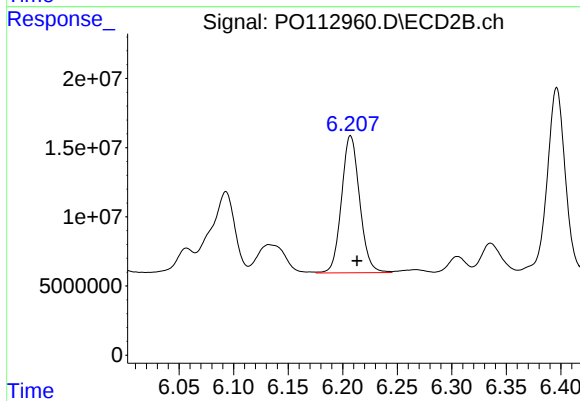
#7 AR-1016-5

R.T.: 5.180 min  
Delta R.T.: -0.005 min  
Response: 69408086  
Conc: 484.34 ng/ml



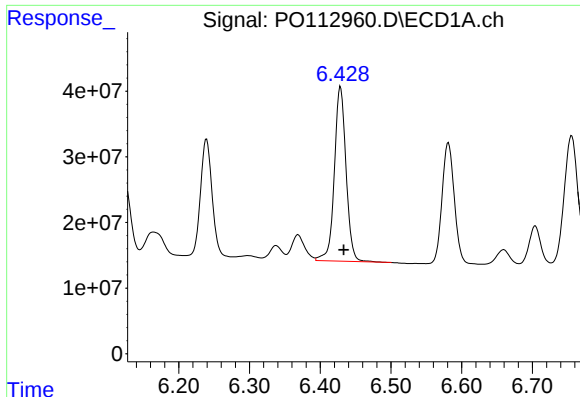
#31 AR-1260-1

R.T.: 6.239 min  
Delta R.T.: -0.006 min  
Response: 210200825  
Conc: 478.46 ng/ml



#31 AR-1260-1

R.T.: 6.207 min  
Delta R.T.: -0.006 min  
Response: 114636770  
Conc: 461.29 ng/ml



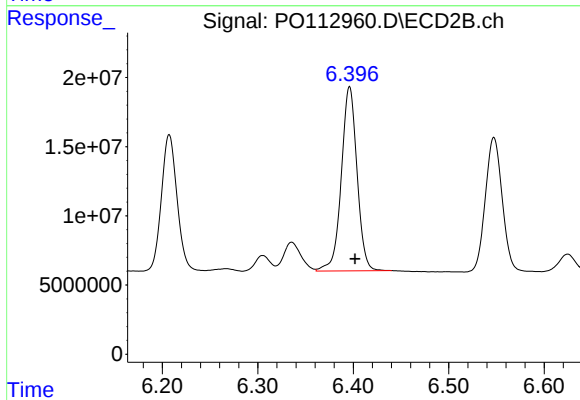
#32 AR-1260-2

R.T.: 6.429 min  
Delta R.T.: -0.005 min  
Response: 305068867  
Conc: 443.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

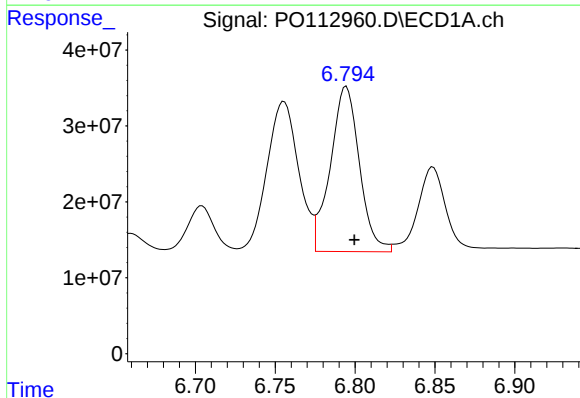
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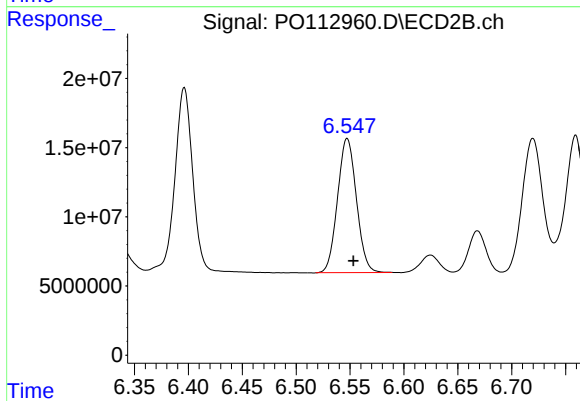
#32 AR-1260-2

R.T.: 6.396 min  
Delta R.T.: -0.006 min  
Response: 152068895  
Conc: 461.52 ng/ml



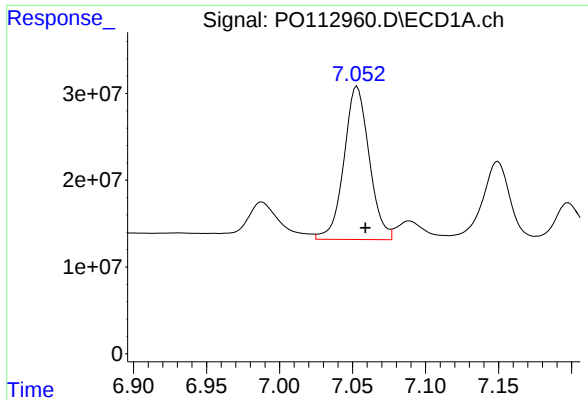
#33 AR-1260-3

R.T.: 6.795 min  
Delta R.T.: -0.005 min  
Response: 275619932  
Conc: 468.73 ng/ml



#33 AR-1260-3

R.T.: 6.547 min  
Delta R.T.: -0.006 min  
Response: 118507171  
Conc: 461.26 ng/ml m



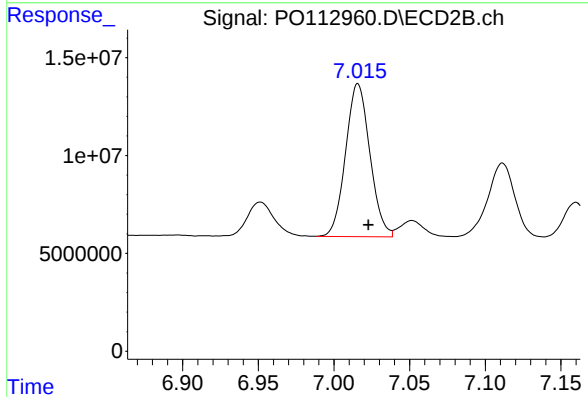
#34 AR-1260-4

R.T.: 7.053 min  
Delta R.T.: -0.006 min  
Response: 212733520  
Conc: 471.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

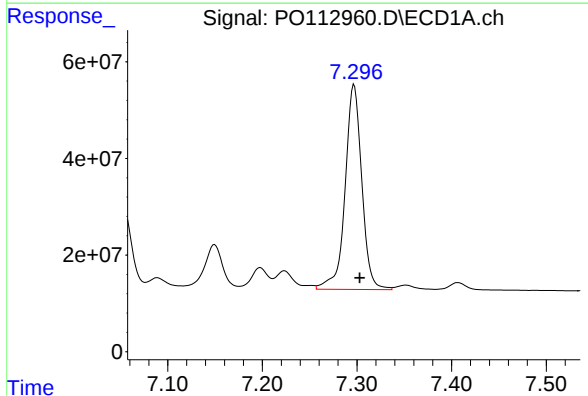
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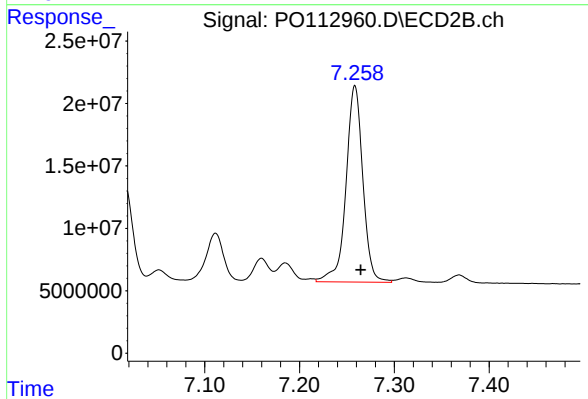
#34 AR-1260-4

R.T.: 7.016 min  
Delta R.T.: -0.007 min  
Response: 87352710  
Conc: 456.60 ng/ml



#35 AR-1260-5

R.T.: 7.297 min  
Delta R.T.: -0.006 min  
Response: 519337723  
Conc: 419.11 ng/ml



#35 AR-1260-5

R.T.: 7.258 min  
Delta R.T.: -0.006 min  
Response: 194175721  
Conc: 471.08 ng/ml