

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0071025\  
 Data File : P0112202.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2025 20:32  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025  
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 22:57:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0070825.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 09 10:50:50 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...          | 3.670 | 3.665 | 530.8E6 | 327.4E6  | 53.648   | 51.391   |
| 2) SA Decachlor...          | 8.699 | 8.647 | 299.1E6 | 82521445 | 43.748   | 47.881   |
| Target Compounds            |       |       |         |          |          |          |
| 3) L1 AR-1016-1             | 4.757 | 4.740 | 175.9E6 | 102.7E6  | 517.097  | 460.735m |
| 4) L1 AR-1016-2             | 4.776 | 4.759 | 259.6E6 | 159.5E6  | 522.103  | 484.558m |
| 5) L1 AR-1016-3             | 4.833 | 4.934 | 178.6E6 | 82974752 | 551.608  | 488.469  |
| 6) L1 AR-1016-4             | 4.952 | 4.976 | 133.6E6 | 64261363 | 520.189  | 468.283  |
| 7) L1 AR-1016-5             | 5.209 | 5.188 | 142.7E6 | 94035375 | 521.431m | 545.290m |
| 31) L7 AR-1260-1            | 6.247 | 6.217 | 249.0E6 | 140.4E6  | 496.856  | 500.592  |
| 32) L7 AR-1260-2            | 6.437 | 6.405 | 373.1E6 | 171.8E6  | 505.469  | 505.240  |
| 33) L7 AR-1260-3            | 6.803 | 6.557 | 320.9E6 | 140.1E6  | 489.593  | 508.206m |
| 34) L7 AR-1260-4            | 7.063 | 7.027 | 201.9E6 | 96021133 | 463.867  | 478.562m |
| 35) L7 AR-1260-5            | 7.306 | 7.269 | 586.0E6 | 213.6E6  | 464.143  | 477.046  |
| -----                       |       |       |         |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO071025\  
Data File : PO112202.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2025 20:32  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

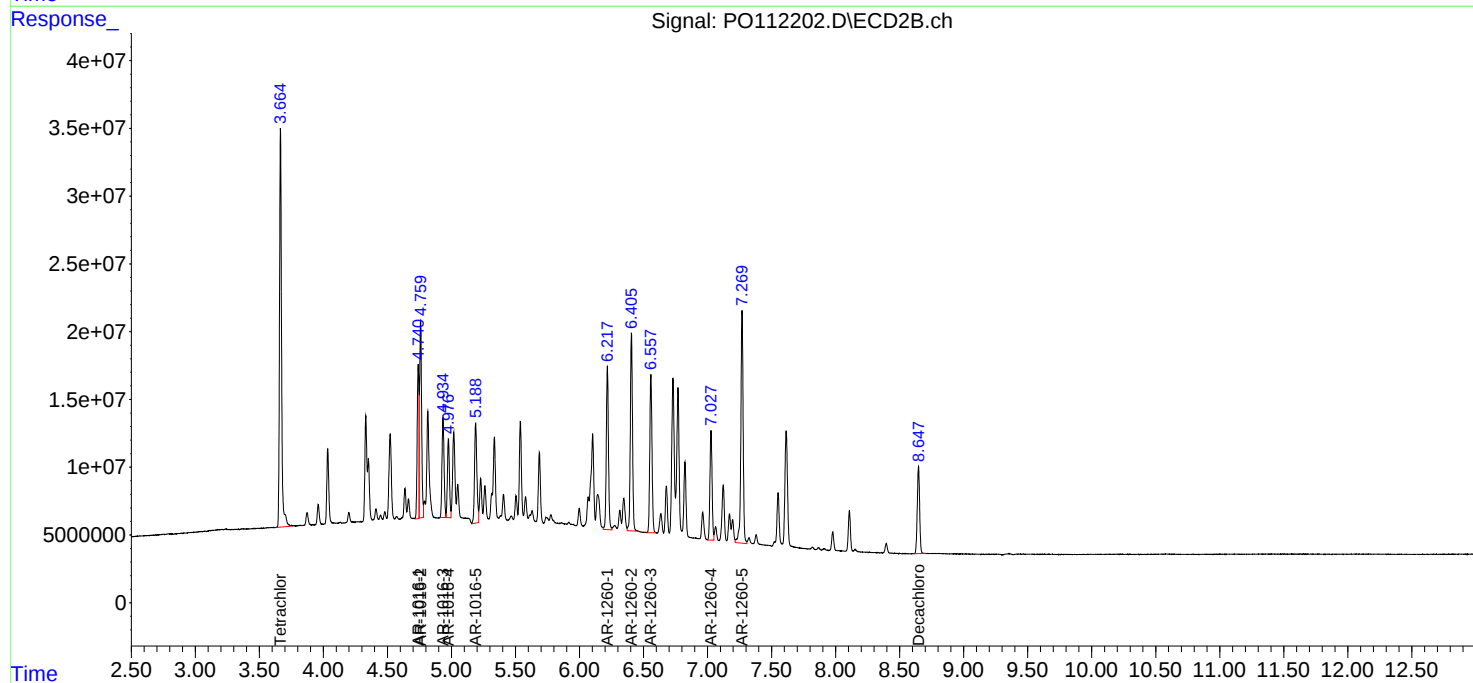
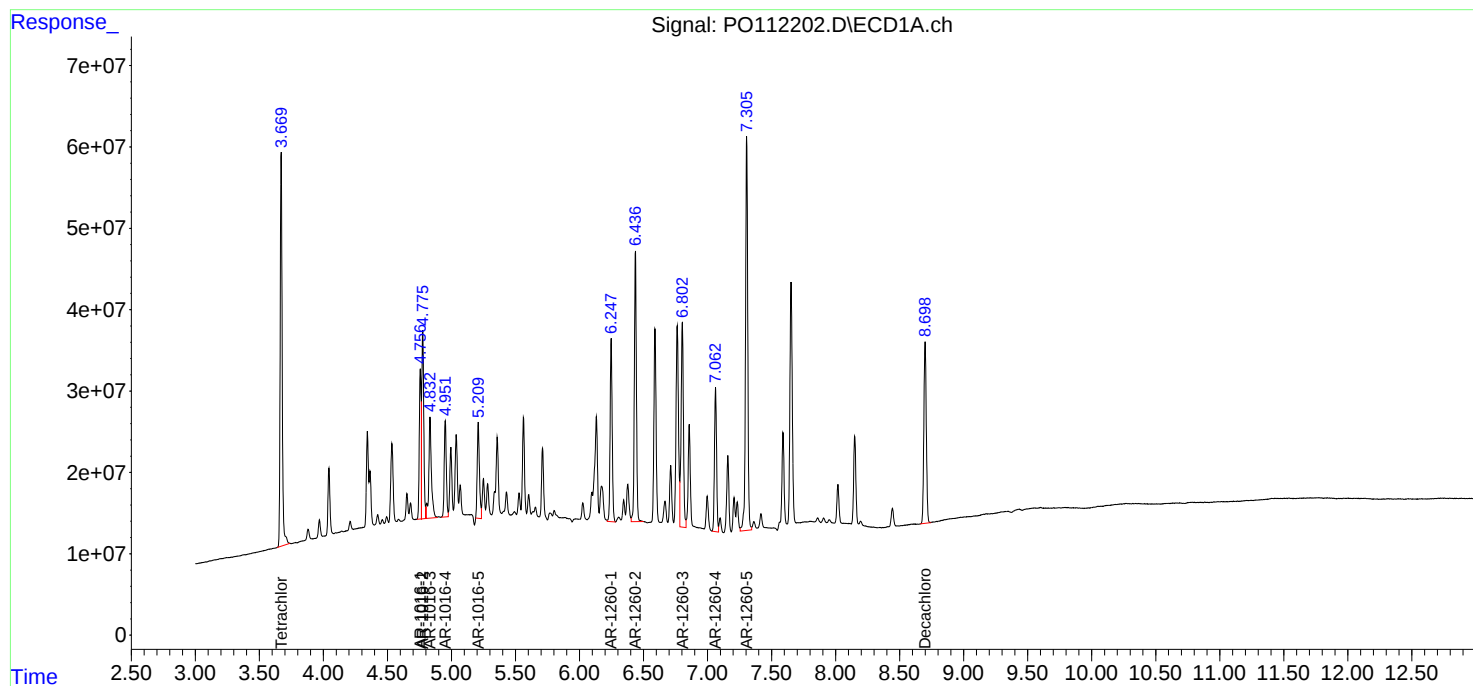
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

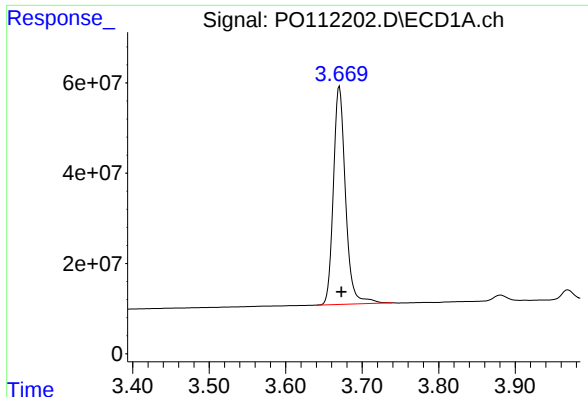
Manual Integrations  
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Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 22:57:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO070825.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 09 10:50:50 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





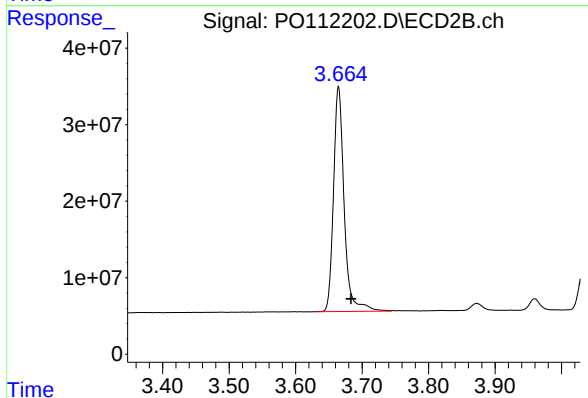
#1 Tetrachloro-m-xylene

R.T.: 3.670 min  
Delta R.T.: -0.003 min  
Response: 530831853  
Conc: 53.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

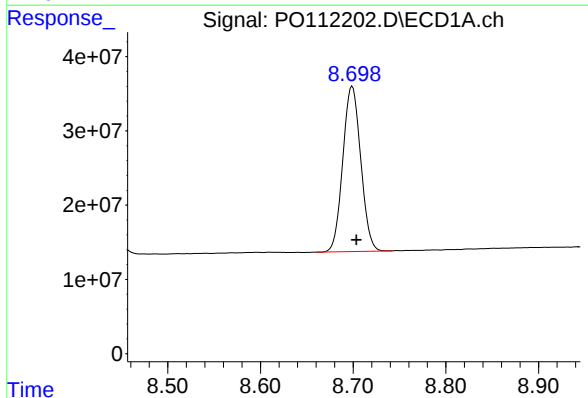
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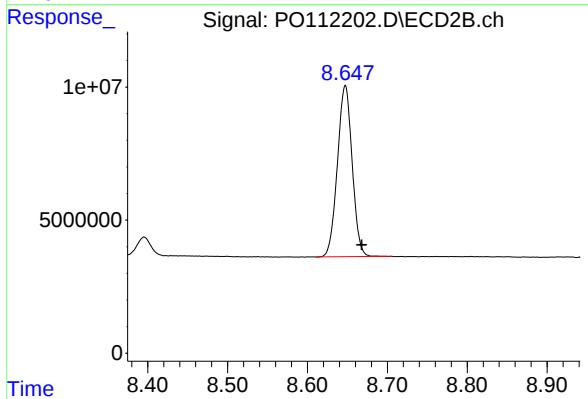
#1 Tetrachloro-m-xylene

R.T.: 3.665 min  
Delta R.T.: -0.019 min  
Response: 327414788  
Conc: 51.39 ng/ml



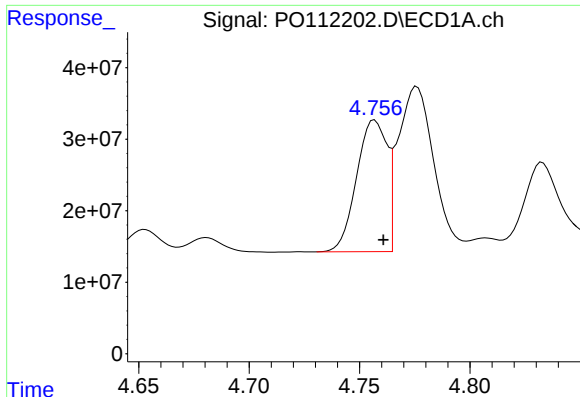
#2 Decachlorobiphenyl

R.T.: 8.699 min  
Delta R.T.: -0.004 min  
Response: 299109433  
Conc: 43.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.647 min  
Delta R.T.: -0.021 min  
Response: 82521445  
Conc: 47.88 ng/ml



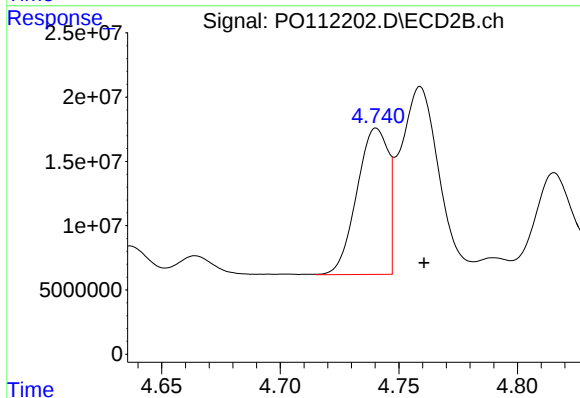
#3 AR-1016-1

R.T.: 4.757 min  
Delta R.T.: -0.004 min  
Response: 175876384  
Conc: 517.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

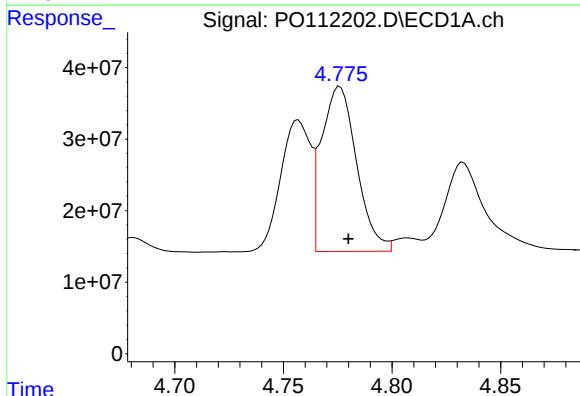
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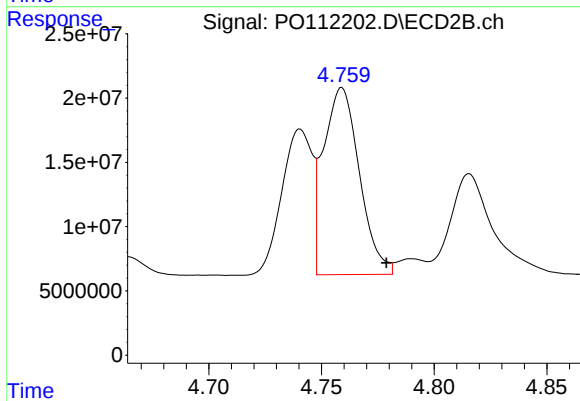
#3 AR-1016-1

R.T.: 4.740 min  
Delta R.T.: -0.021 min  
Response: 102667634  
Conc: 460.74 ng/ml m



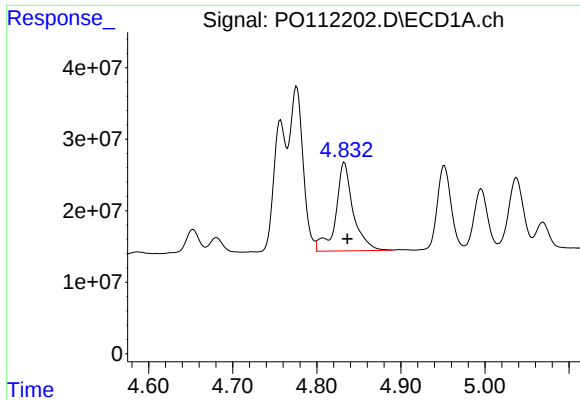
#4 AR-1016-2

R.T.: 4.776 min  
Delta R.T.: -0.004 min  
Response: 259637580  
Conc: 522.10 ng/ml



#4 AR-1016-2

R.T.: 4.759 min  
Delta R.T.: -0.020 min  
Response: 159466976  
Conc: 484.56 ng/ml m



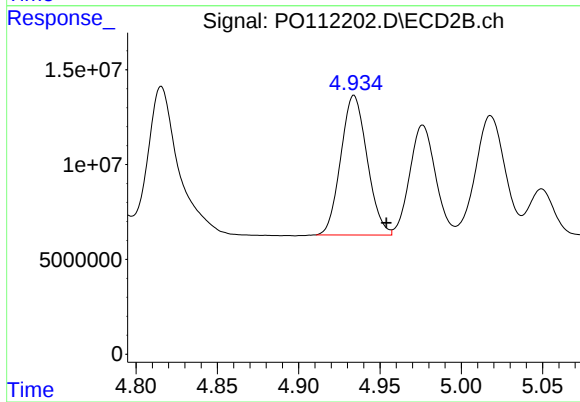
#5 AR-1016-3

R.T.: 4.833 min  
Delta R.T.: -0.003 min  
Response: 178563282  
Conc: 551.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

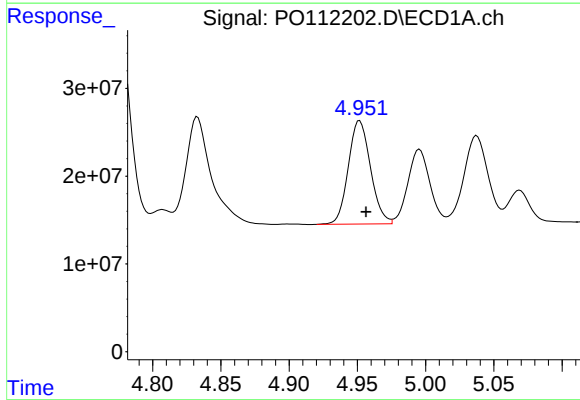
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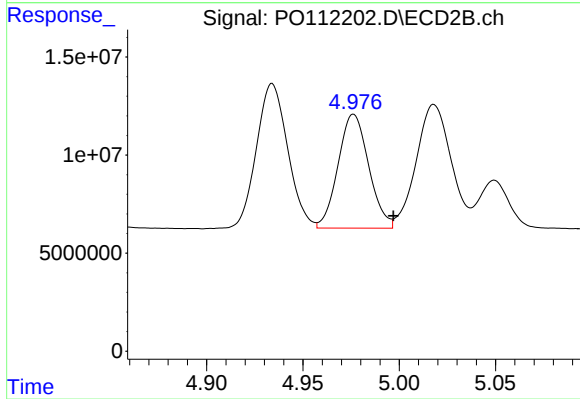
#5 AR-1016-3

R.T.: 4.934 min  
Delta R.T.: -0.020 min  
Response: 82974752  
Conc: 488.47 ng/ml



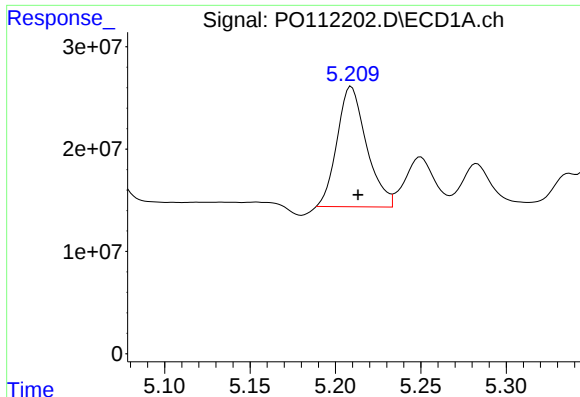
#6 AR-1016-4

R.T.: 4.952 min  
Delta R.T.: -0.005 min  
Response: 133584442  
Conc: 520.19 ng/ml



#6 AR-1016-4

R.T.: 4.976 min  
Delta R.T.: -0.021 min  
Response: 64261363  
Conc: 468.28 ng/ml



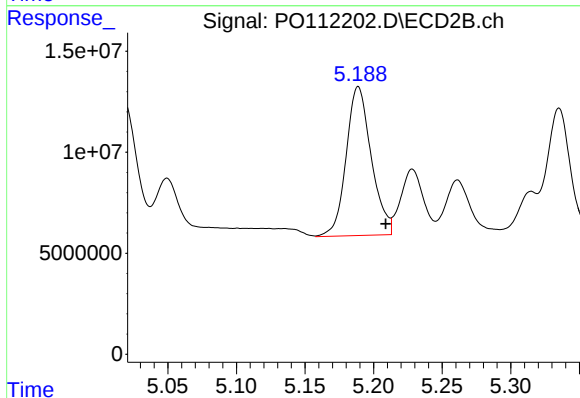
#7 AR-1016-5

R.T.: 5.209 min  
Delta R.T.: -0.005 min  
Response: 142695749  
Conc: 521.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

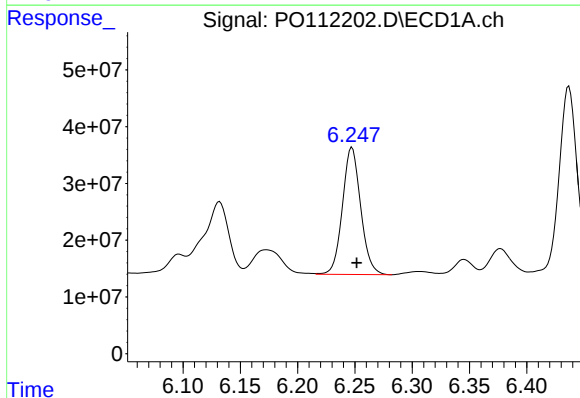
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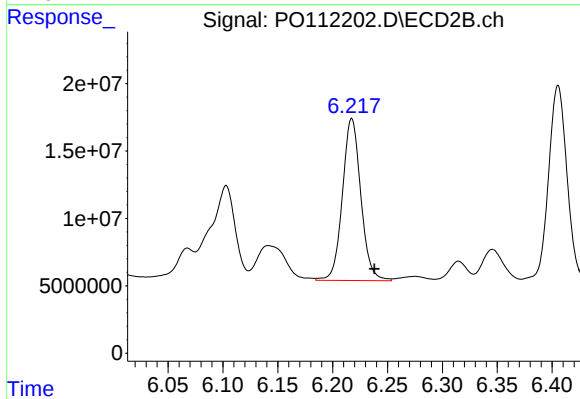
#7 AR-1016-5

R.T.: 5.188 min  
Delta R.T.: -0.020 min  
Response: 94035375  
Conc: 545.29 ng/ml m



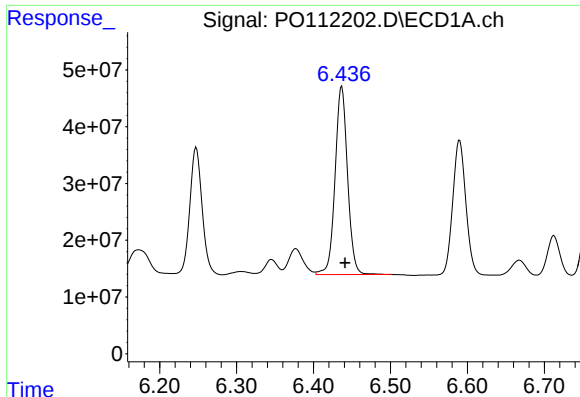
#31 AR-1260-1

R.T.: 6.247 min  
Delta R.T.: -0.004 min  
Response: 249043528  
Conc: 496.86 ng/ml



#31 AR-1260-1

R.T.: 6.217 min  
Delta R.T.: -0.021 min  
Response: 140447086  
Conc: 500.59 ng/ml



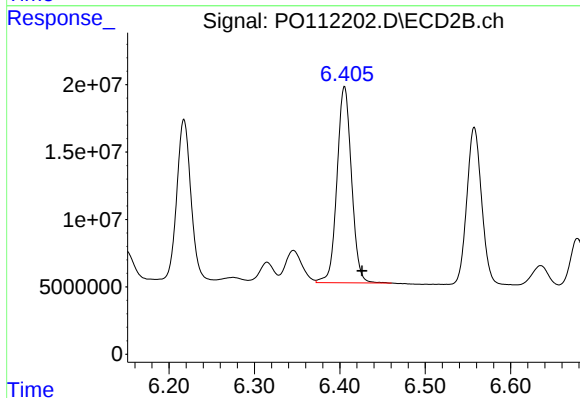
#32 AR-1260-2

R.T.: 6.437 min  
Delta R.T.: -0.004 min  
Response: 373104048  
Conc: 505.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

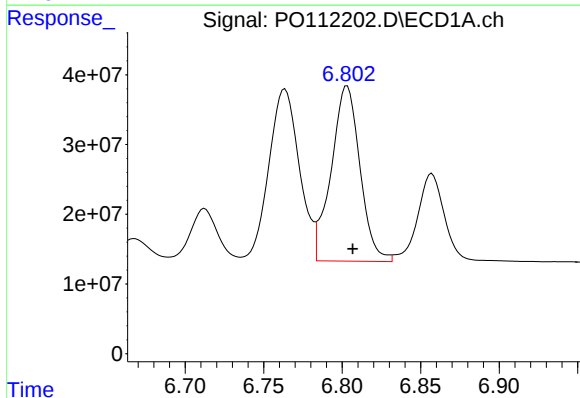
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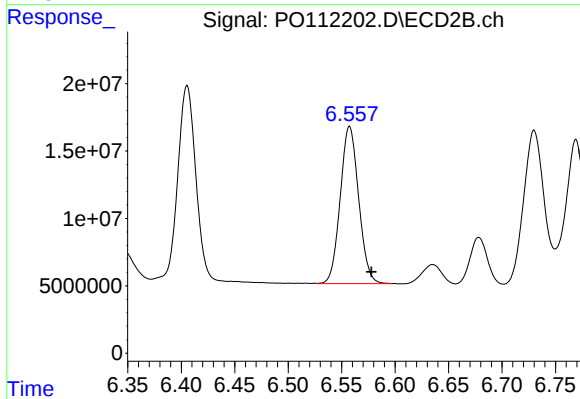
#32 AR-1260-2

R.T.: 6.405 min  
Delta R.T.: -0.021 min  
Response: 171780048  
Conc: 505.24 ng/ml



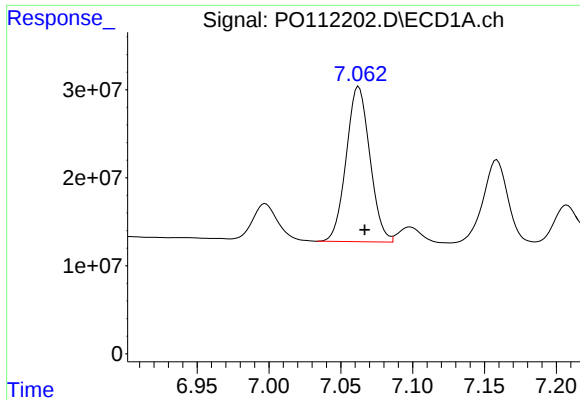
#33 AR-1260-3

R.T.: 6.803 min  
Delta R.T.: -0.004 min  
Response: 320919297  
Conc: 489.59 ng/ml



#33 AR-1260-3

R.T.: 6.557 min  
Delta R.T.: -0.021 min  
Response: 140054610  
Conc: 508.21 ng/ml m



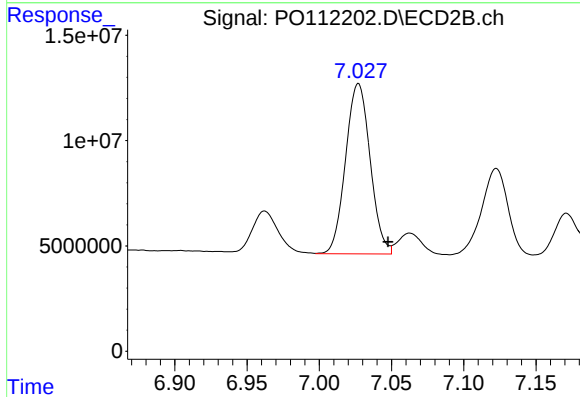
#34 AR-1260-4

R.T.: 7.063 min  
Delta R.T.: -0.004 min  
Response: 201897117  
Conc: 463.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

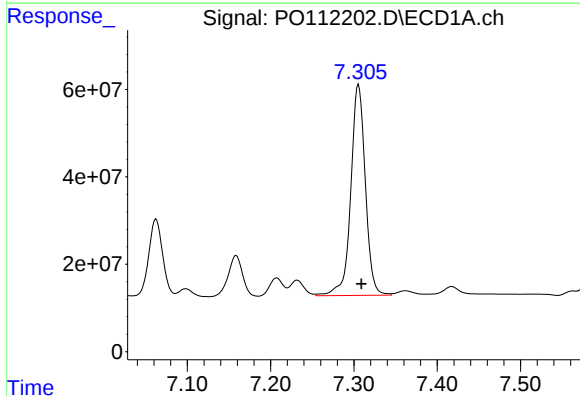
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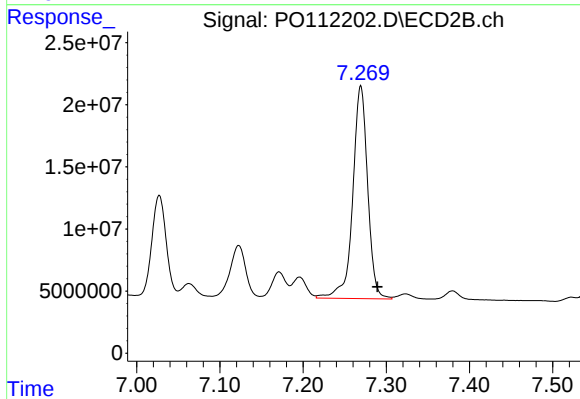
#34 AR-1260-4

R.T.: 7.027 min  
Delta R.T.: -0.021 min  
Response: 96021133  
Conc: 478.56 ng/ml m



#35 AR-1260-5

R.T.: 7.306 min  
Delta R.T.: -0.003 min  
Response: 585997700  
Conc: 464.14 ng/ml



#35 AR-1260-5

R.T.: 7.269 min  
Delta R.T.: -0.020 min  
Response: 213586919  
Conc: 477.05 ng/ml