

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0061725\  
 Data File : P0111669.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 21:25  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025  
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 02:07:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0061125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jun 12 06:25:26 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...          | 3.675 | 3.673 | 335.0E6 | 308.4E6  | 58.158   | 54.911  |
| 2) SA Decachlor...          | 8.711 | 8.660 | 240.3E6 | 86926126 | 45.769   | 48.899  |
| Target Compounds            |       |       |         |          |          |         |
| 3) L1 AR-1016-1             | 4.763 | 4.749 | 128.8E6 | 105.5E6  | 539.866  | 536.004 |
| 4) L1 AR-1016-2             | 4.782 | 4.768 | 182.9E6 | 153.4E6  | 549.822  | 538.426 |
| 5) L1 AR-1016-3             | 4.839 | 4.943 | 127.6E6 | 81221918 | 554.484  | 540.617 |
| 6) L1 AR-1016-4             | 4.959 | 4.986 | 101.0E6 | 63076294 | 544.771  | 517.922 |
| 7) L1 AR-1016-5             | 5.215 | 5.198 | 108.5E6 | 89425661 | 581.269m | 561.724 |
| 31) L7 AR-1260-1            | 6.255 | 6.228 | 189.3E6 | 133.0E6  | 532.860  | 529.880 |
| 32) L7 AR-1260-2            | 6.445 | 6.416 | 259.7E6 | 156.7E6  | 549.729  | 532.863 |
| 33) L7 AR-1260-3            | 6.812 | 6.568 | 227.1E6 | 140.3E6  | 534.809  | 525.035 |
| 34) L7 AR-1260-4            | 7.071 | 7.039 | 155.1E6 | 99220744 | 493.298  | 521.950 |
| 35) L7 AR-1260-5            | 7.314 | 7.279 | 392.1E6 | 219.8E6  | 476.006  | 517.129 |
| -----                       |       |       |         |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO061725\  
Data File : PO111669.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 21:25  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

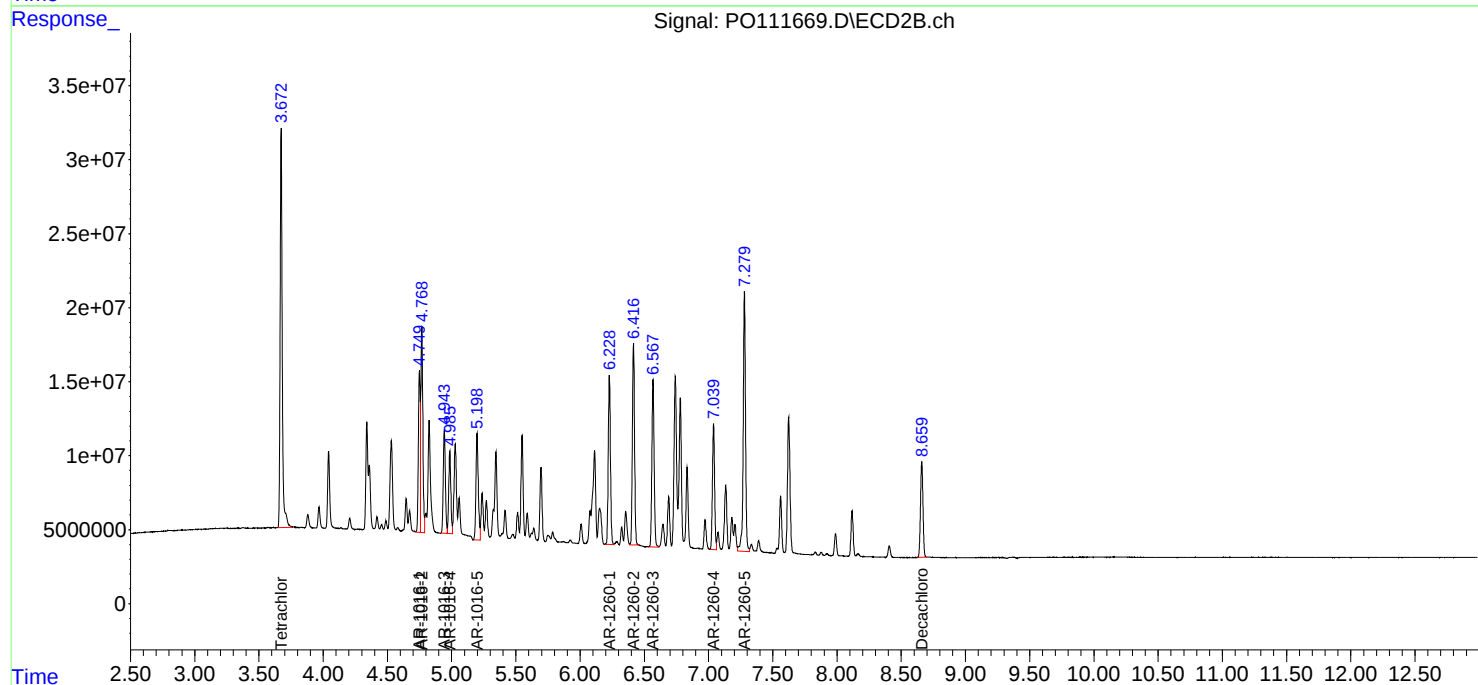
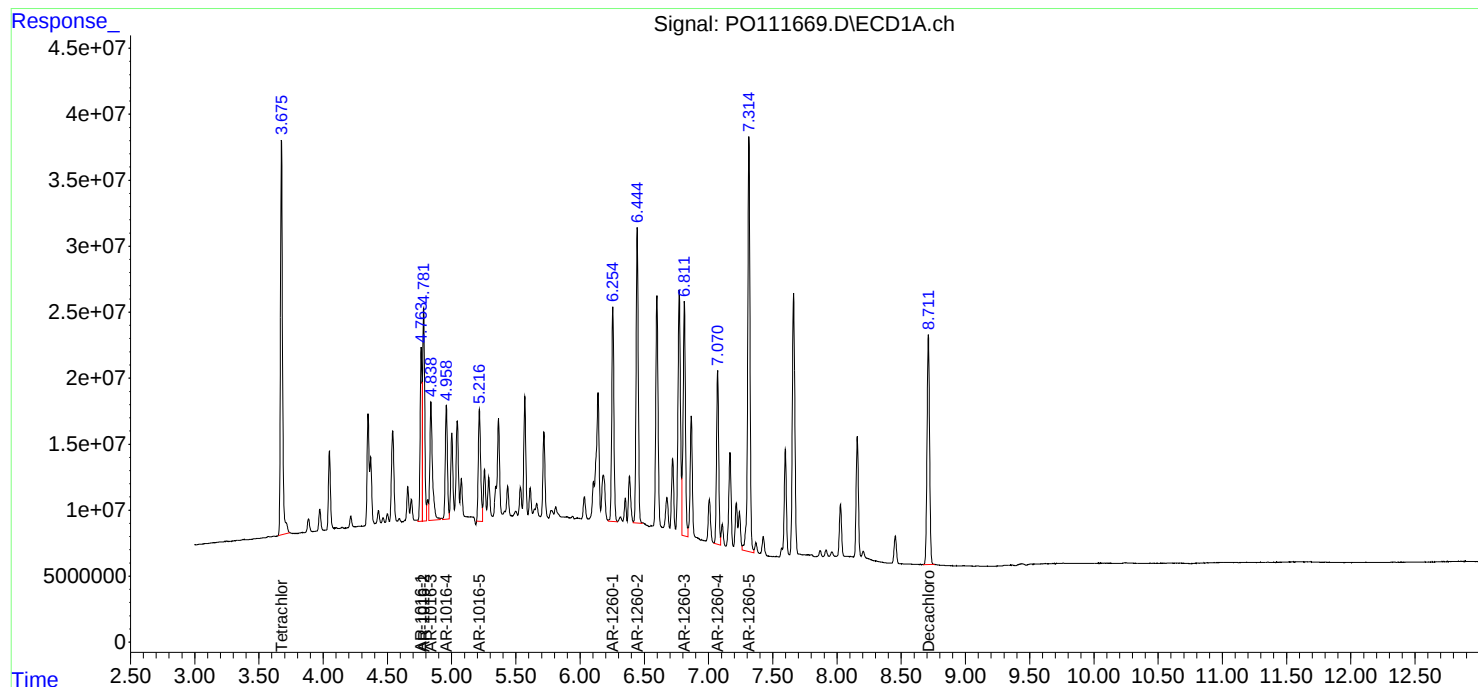
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

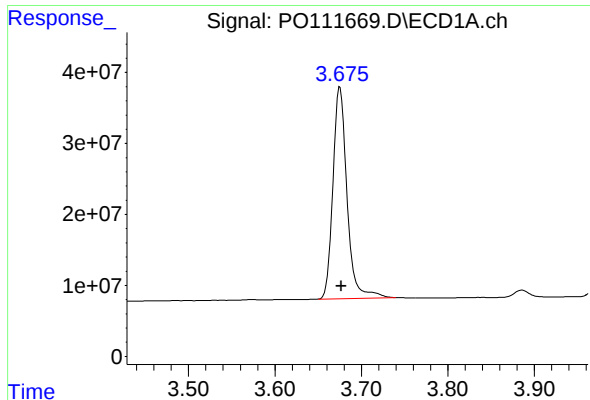
Manual Integrations  
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Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 02:07:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO061125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jun 12 06:25:26 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





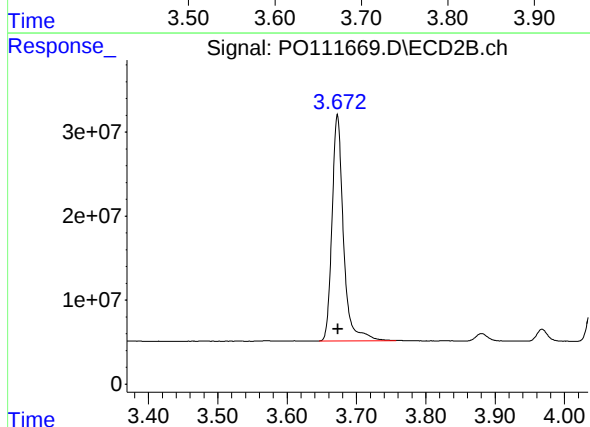
#1 Tetrachloro-m-xylene

R.T.: 3.675 min  
Delta R.T.: -0.002 min  
Response: 334955809  
Conc: 58.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

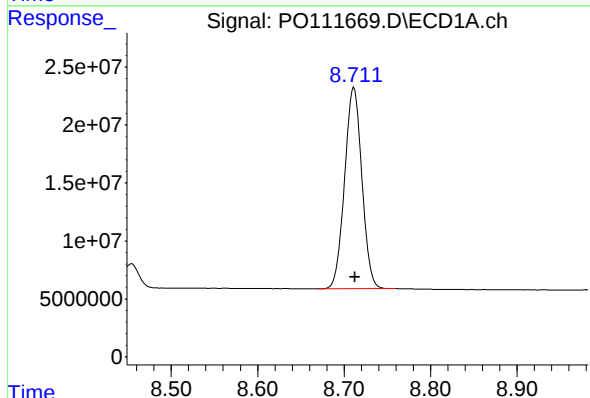
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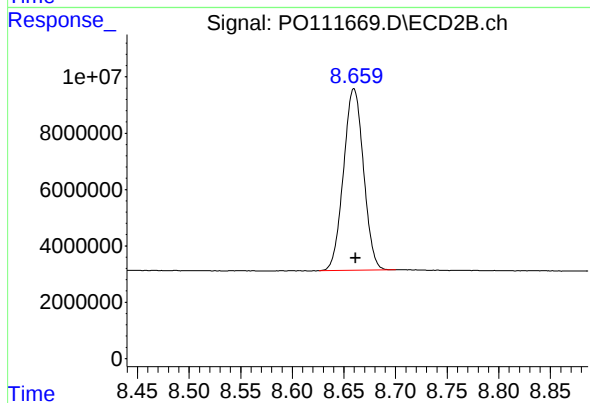
#1 Tetrachloro-m-xylene

R.T.: 3.673 min  
Delta R.T.: 0.000 min  
Response: 308447829  
Conc: 54.91 ng/ml



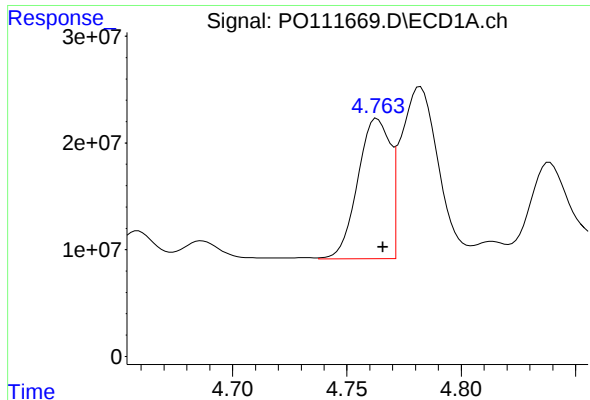
#2 Decachlorobiphenyl

R.T.: 8.711 min  
Delta R.T.: -0.001 min  
Response: 240254040  
Conc: 45.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.660 min  
Delta R.T.: -0.002 min  
Response: 86926126  
Conc: 48.90 ng/ml



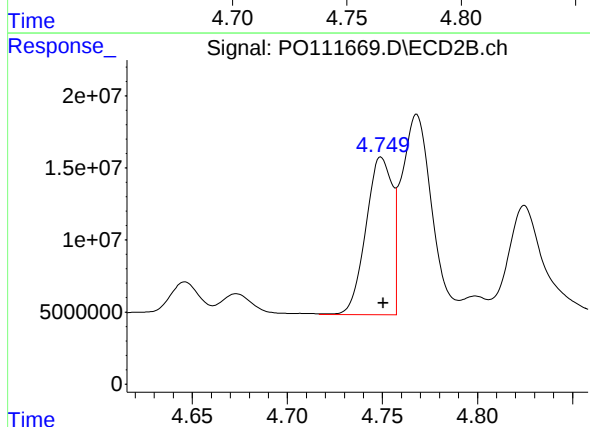
#3 AR-1016-1

R.T.: 4.763 min  
Delta R.T.: -0.003 min  
Response: 128786782  
Conc: 539.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

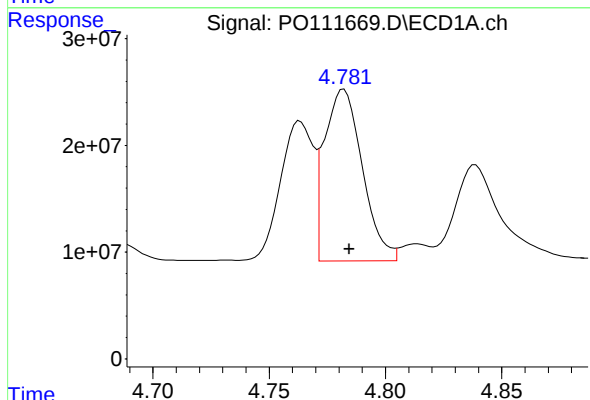
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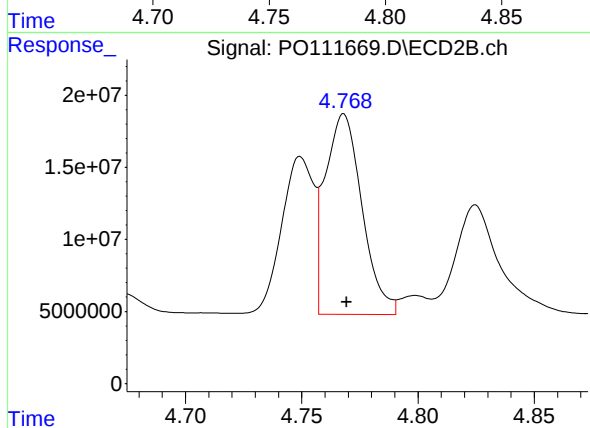
#3 AR-1016-1

R.T.: 4.749 min  
Delta R.T.: -0.001 min  
Response: 105467996  
Conc: 536.00 ng/ml



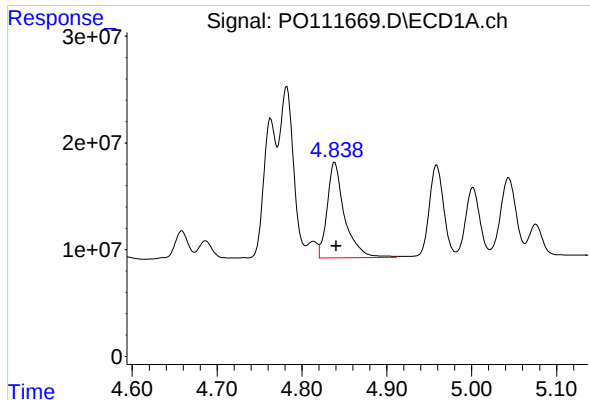
#4 AR-1016-2

R.T.: 4.782 min  
Delta R.T.: -0.002 min  
Response: 182949798  
Conc: 549.82 ng/ml



#4 AR-1016-2

R.T.: 4.768 min  
Delta R.T.: -0.001 min  
Response: 153387058  
Conc: 538.43 ng/ml



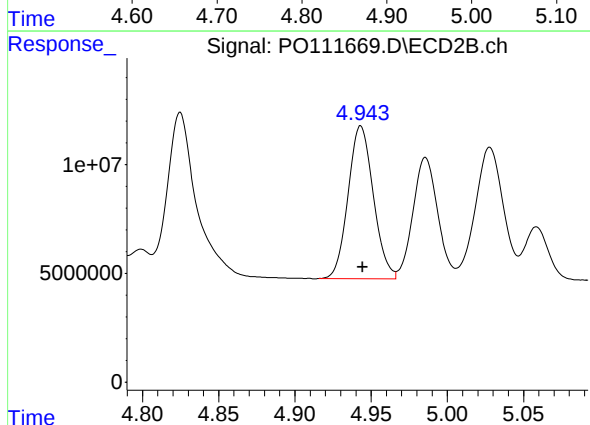
#5 AR-1016-3

R.T.: 4.839 min  
Delta R.T.: -0.002 min  
Response: 127609424  
Conc: 554.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

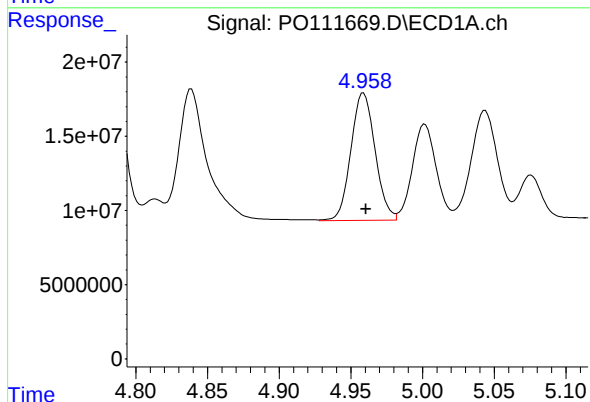
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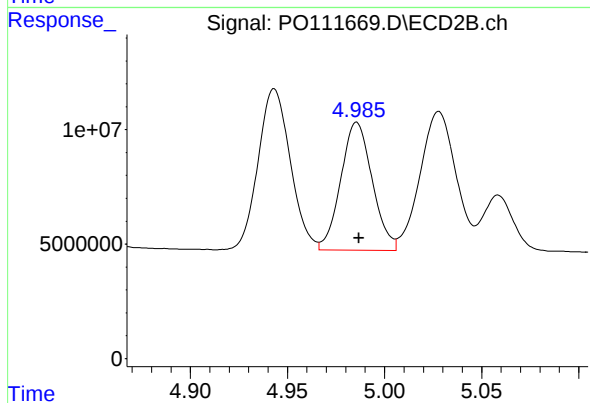
#5 AR-1016-3

R.T.: 4.943 min  
Delta R.T.: -0.001 min  
Response: 81221918  
Conc: 540.62 ng/ml



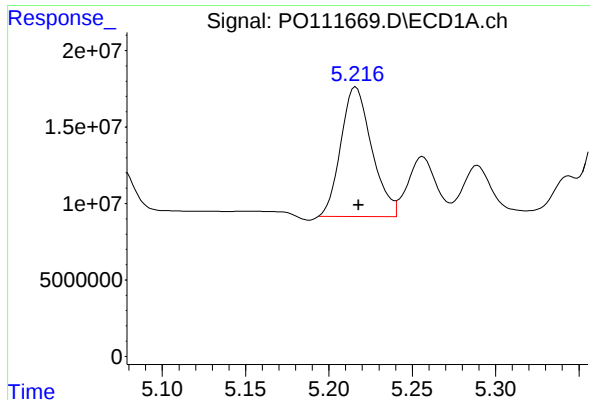
#6 AR-1016-4

R.T.: 4.959 min  
Delta R.T.: -0.002 min  
Response: 101034679  
Conc: 544.77 ng/ml



#6 AR-1016-4

R.T.: 4.986 min  
Delta R.T.: -0.001 min  
Response: 63076294  
Conc: 517.92 ng/ml



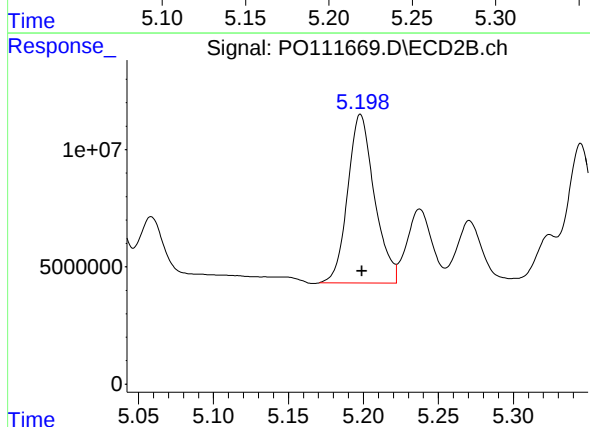
#7 AR-1016-5

R.T.: 5.215 min  
Delta R.T.: -0.002 min  
Response: 108490117  
Conc: 581.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

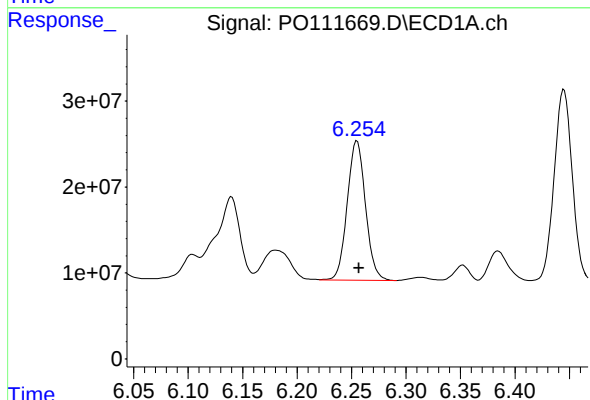
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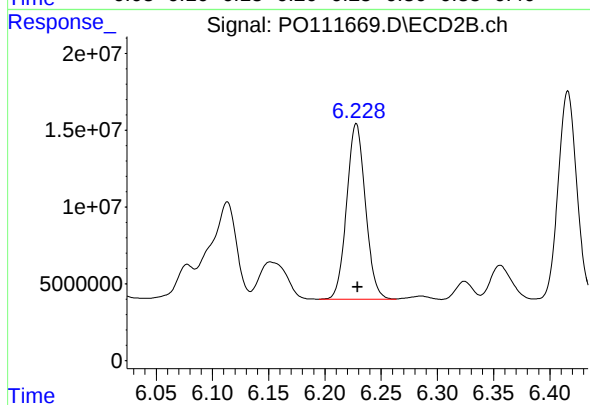
#7 AR-1016-5

R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 89425661  
Conc: 561.72 ng/ml



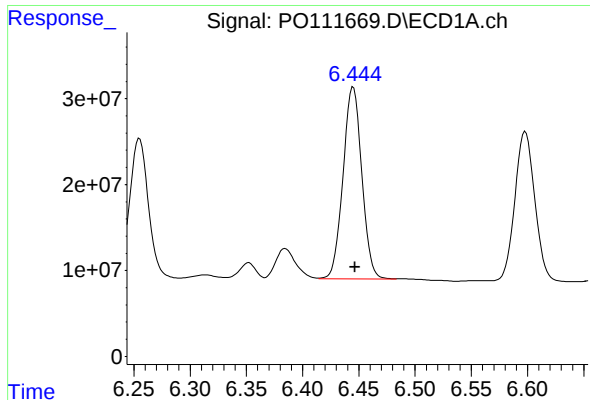
#31 AR-1260-1

R.T.: 6.255 min  
Delta R.T.: -0.002 min  
Response: 189336605  
Conc: 532.86 ng/ml



#31 AR-1260-1

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 132955416  
Conc: 529.88 ng/ml



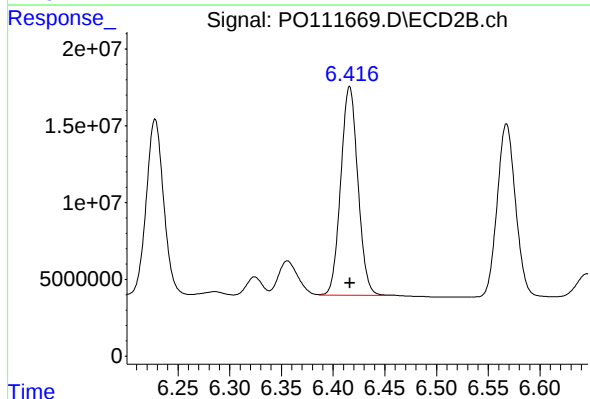
#32 AR-1260-2

R.T.: 6.445 min  
Delta R.T.: -0.001 min  
Response: 259731829  
Conc: 549.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

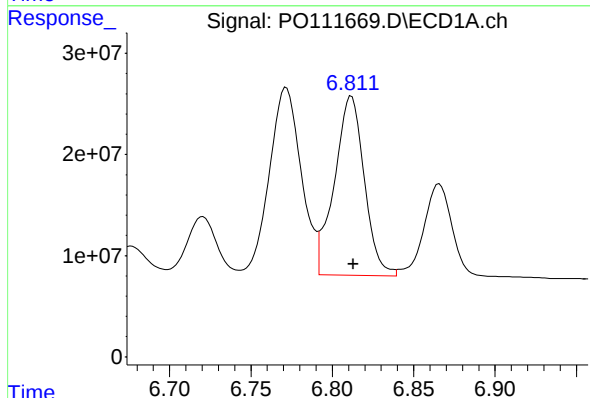
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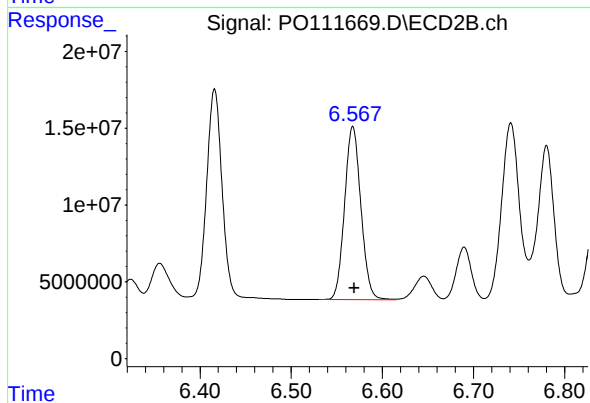
#32 AR-1260-2

R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 156670618  
Conc: 532.86 ng/ml



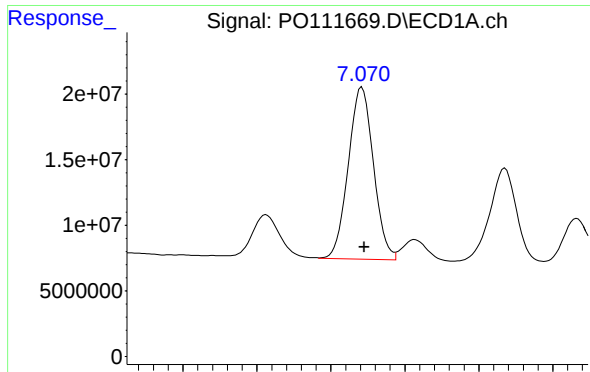
#33 AR-1260-3

R.T.: 6.812 min  
Delta R.T.: -0.001 min  
Response: 227119407  
Conc: 534.81 ng/ml



#33 AR-1260-3

R.T.: 6.568 min  
Delta R.T.: -0.001 min  
Response: 140278484  
Conc: 525.03 ng/ml



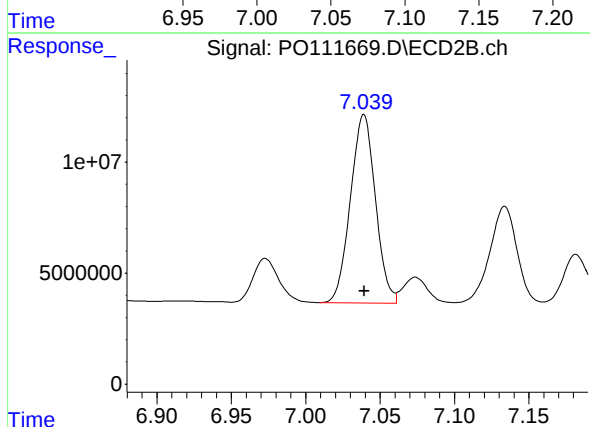
#34 AR-1260-4

R.T.: 7.071 min  
Delta R.T.: -0.002 min  
Response: 155116007  
Conc: 493.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

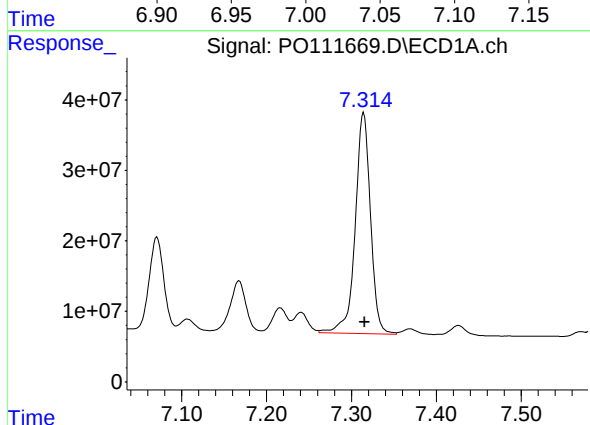
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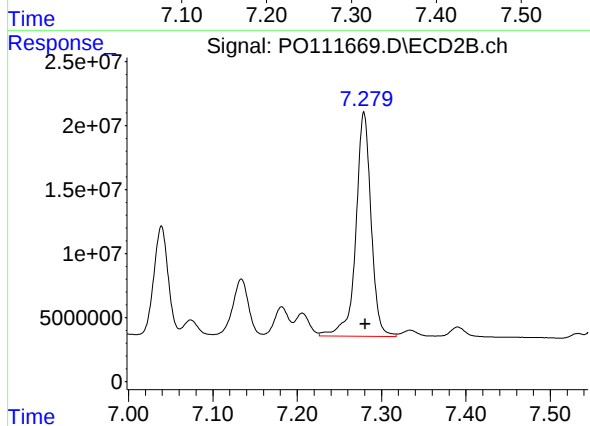
#34 AR-1260-4

R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 99220744  
Conc: 521.95 ng/ml



#35 AR-1260-5

R.T.: 7.314 min  
Delta R.T.: -0.001 min  
Response: 392099524  
Conc: 476.01 ng/ml



#35 AR-1260-5

R.T.: 7.279 min  
Delta R.T.: -0.001 min  
Response: 219790014  
Conc: 517.13 ng/ml