

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0063025\  
 Data File : P0111909.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2025 19:41  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/01/2025  
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 01:58:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\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 | 3.672 | 320.8E6  | 308.3E6  | 55.692   | 54.890   |
| 2)                          | SA Decachlor... | 8.707 | 8.656 | 228.2E6  | 88174234 | 43.471   | 49.601   |
| Target Compounds            |                 |       |       |          |          |          |          |
| 3)                          | L1 AR-1016-1    | 4.763 | 4.749 | 132.8E6  | 111.0E6  | 556.490  | 563.949  |
| 4)                          | L1 AR-1016-2    | 4.782 | 4.767 | 181.2E6  | 159.2E6  | 544.543  | 558.799  |
| 5)                          | L1 AR-1016-3    | 4.838 | 4.943 | 136.1E6  | 81843641 | 591.261  | 544.755  |
| 6)                          | L1 AR-1016-4    | 4.958 | 4.985 | 103.7E6  | 65922478 | 559.214  | 541.292  |
| 7)                          | L1 AR-1016-5    | 5.215 | 5.197 | 84420514 | 81667366 | 452.309m | 512.991m |
| 31)                         | L7 AR-1260-1    | 6.254 | 6.225 | 197.2E6  | 132.7E6  | 555.094  | 528.714m |
| 32)                         | L7 AR-1260-2    | 6.442 | 6.414 | 275.5E6  | 160.9E6  | 583.030m | 547.405m |
| 33)                         | L7 AR-1260-3    | 6.809 | 6.565 | 227.7E6  | 132.3E6  | 536.210m | 495.060m |
| 34)                         | L7 AR-1260-4    | 7.069 | 7.035 | 175.1E6  | 91520495 | 556.719  | 481.443  |
| 35)                         | L7 AR-1260-5    | 7.311 | 7.277 | 418.8E6  | 205.9E6  | 508.442  | 484.428  |
| -----                       |                 |       |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO063025\  
Data File : PO111909.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jun 2025 19:41  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

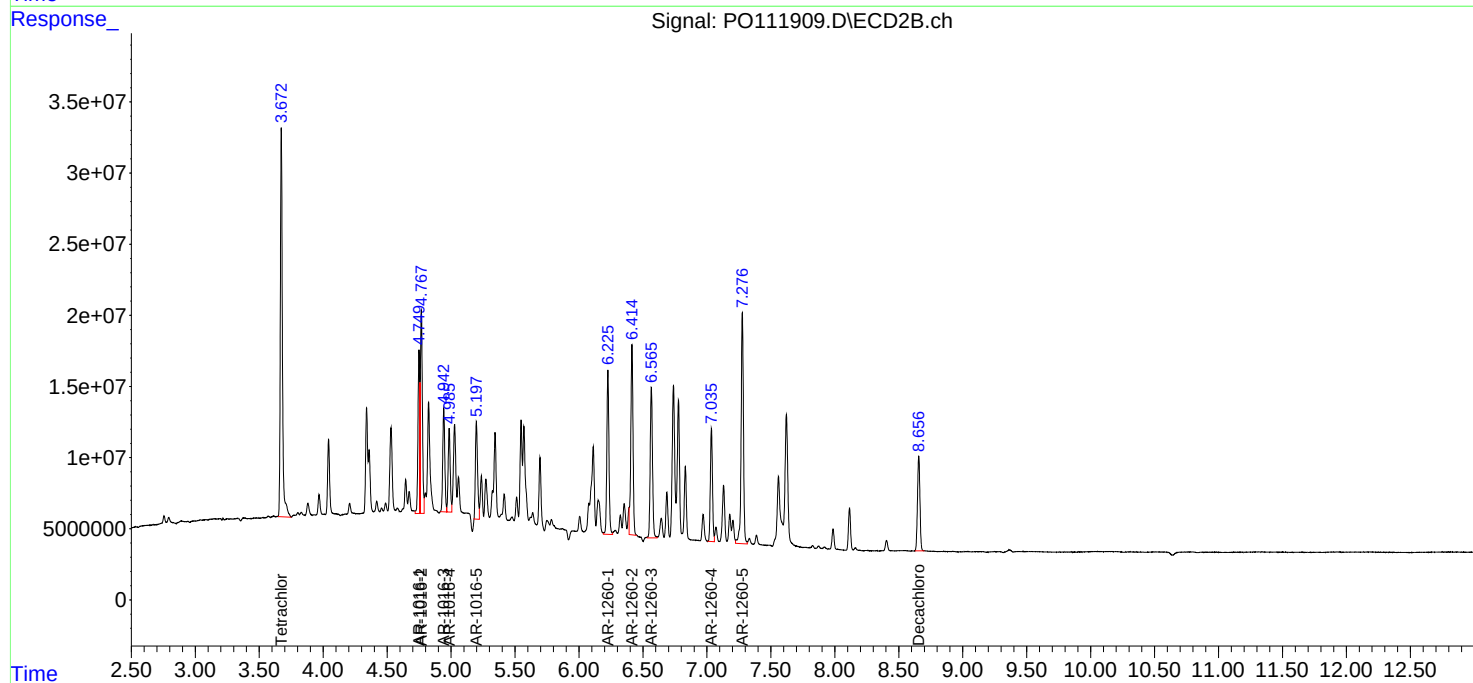
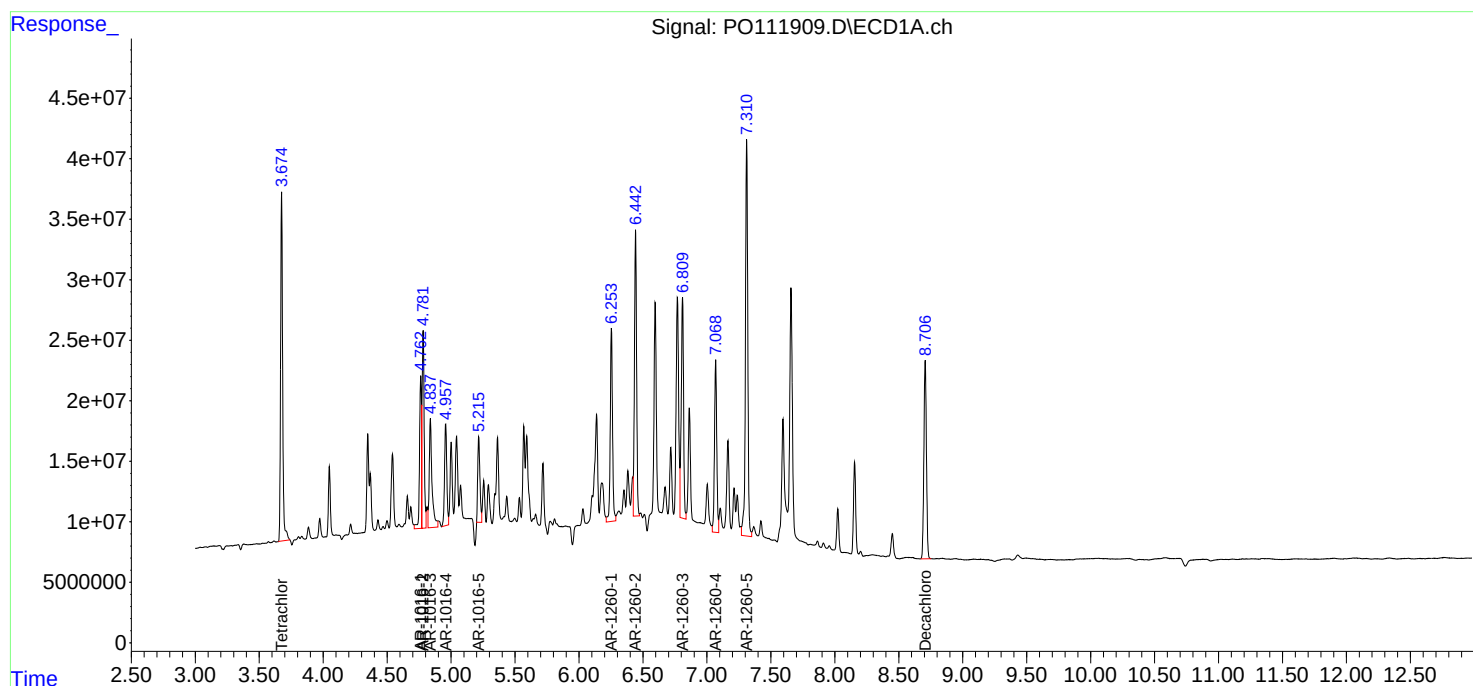
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

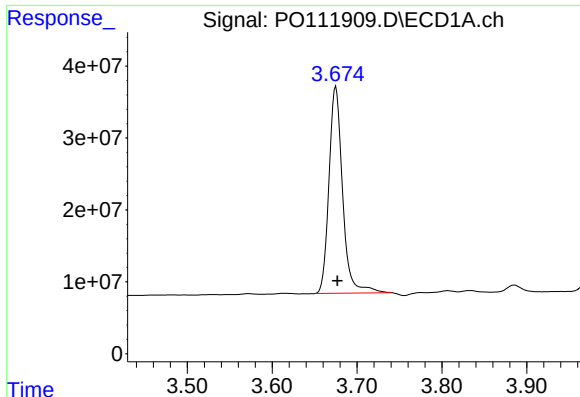
Manual Integrations  
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Reviewed By :Yogesh Patel 07/01/2025  
Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 01:58:05 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





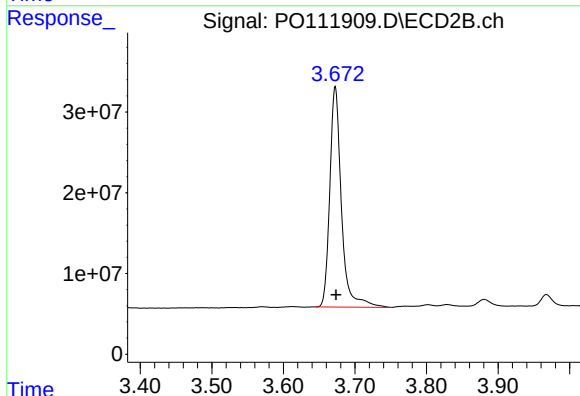
#1 Tetrachloro-m-xylene

R.T.: 3.675 min  
Delta R.T.: -0.002 min  
Response: 320751458  
Conc: 55.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

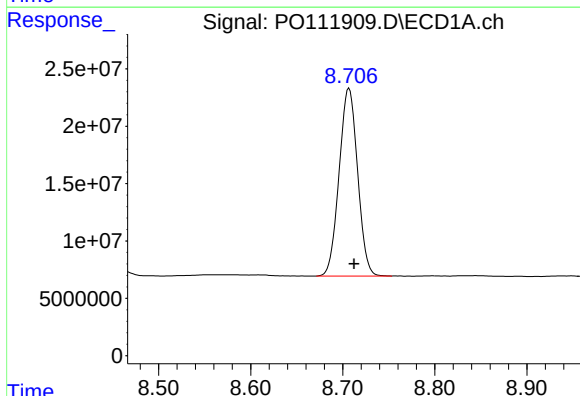
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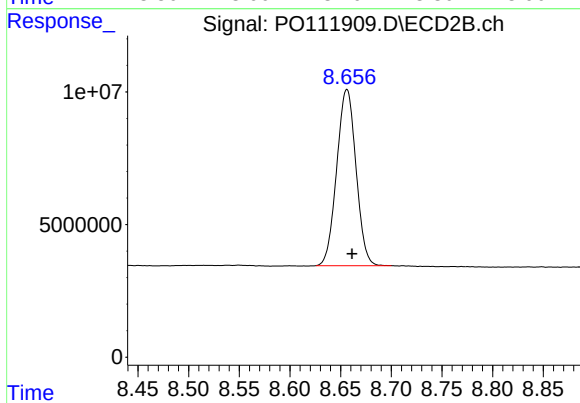
#1 Tetrachloro-m-xylene

R.T.: 3.672 min  
Delta R.T.: 0.000 min  
Response: 308331055  
Conc: 54.89 ng/ml



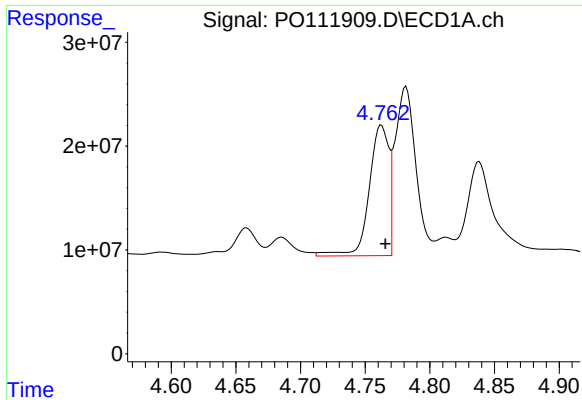
#2 Decachlorobiphenyl

R.T.: 8.707 min  
Delta R.T.: -0.006 min  
Response: 228189783  
Conc: 43.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min  
Delta R.T.: -0.005 min  
Response: 88174234  
Conc: 49.60 ng/ml



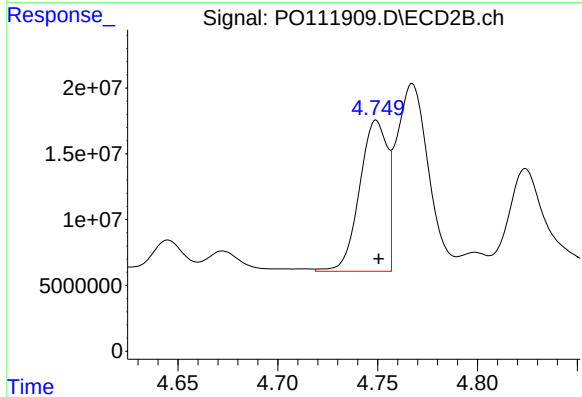
#3 AR-1016-1

R.T.: 4.763 min  
Delta R.T.: -0.003 min  
Response: 132752667  
Conc: 556.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

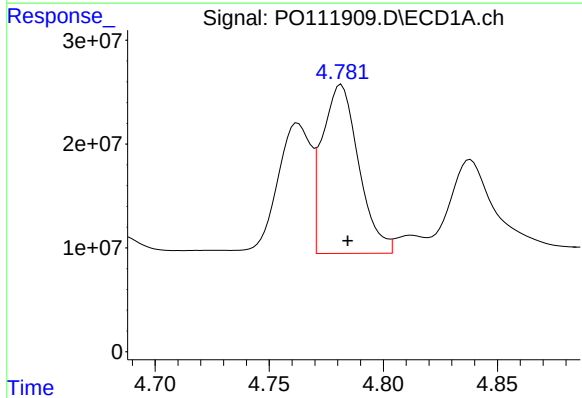
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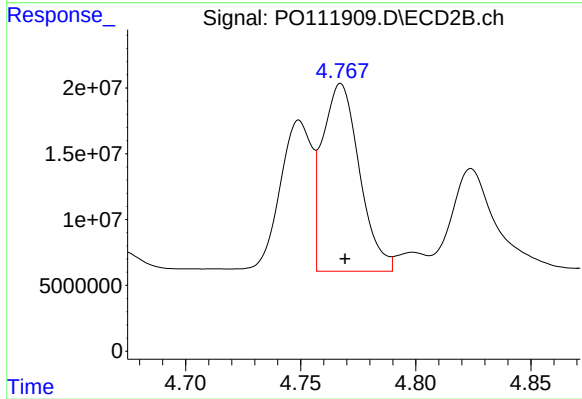
#3 AR-1016-1

R.T.: 4.749 min  
Delta R.T.: -0.001 min  
Response: 110966584  
Conc: 563.95 ng/ml



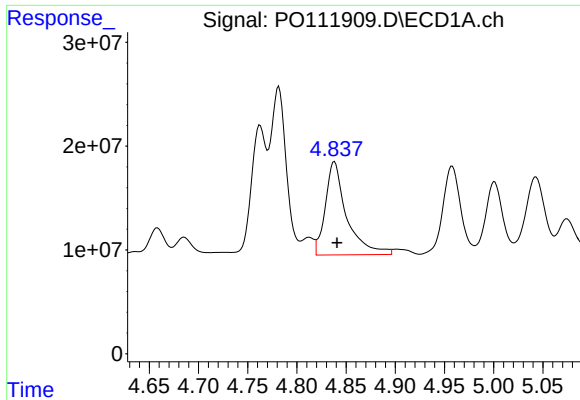
#4 AR-1016-2

R.T.: 4.782 min  
Delta R.T.: -0.003 min  
Response: 181193381  
Conc: 544.54 ng/ml



#4 AR-1016-2

R.T.: 4.767 min  
Delta R.T.: -0.002 min  
Response: 159190871  
Conc: 558.80 ng/ml



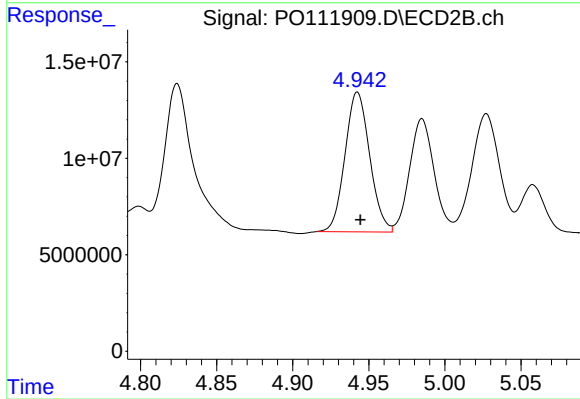
#5 AR-1016-3

R.T.: 4.838 min  
Delta R.T.: -0.003 min  
Response: 136073237  
Conc: 591.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

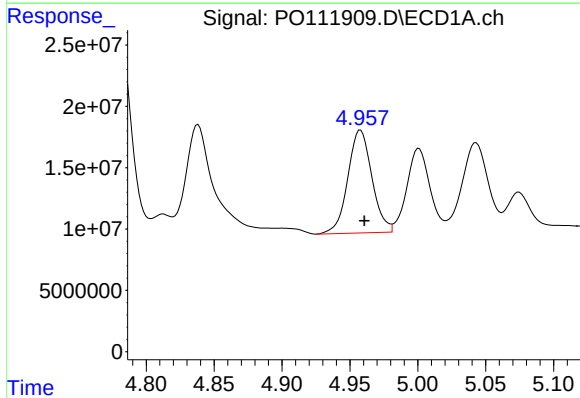
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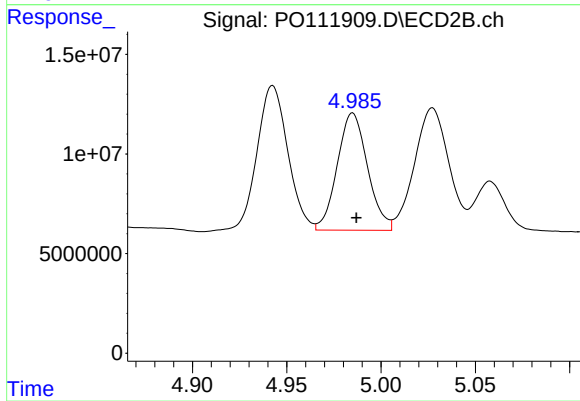
#5 AR-1016-3

R.T.: 4.943 min  
Delta R.T.: -0.002 min  
Response: 81843641  
Conc: 544.76 ng/ml



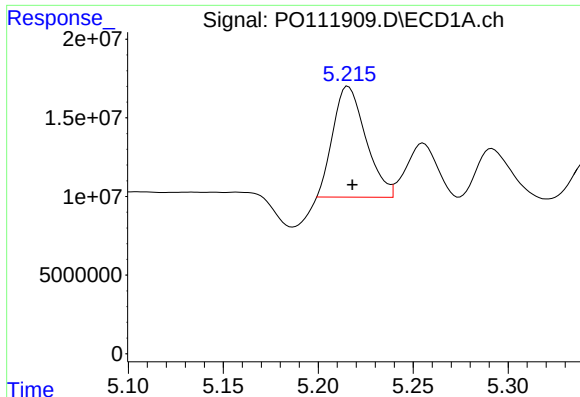
#6 AR-1016-4

R.T.: 4.958 min  
Delta R.T.: -0.003 min  
Response: 103713408  
Conc: 559.21 ng/ml



#6 AR-1016-4

R.T.: 4.985 min  
Delta R.T.: -0.002 min  
Response: 65922478  
Conc: 541.29 ng/ml



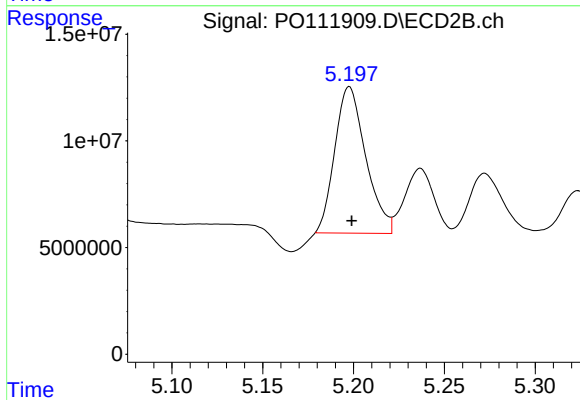
#7 AR-1016-5

R.T.: 5.215 min  
Delta R.T.: -0.003 min  
Response: 84420514  
Conc: 452.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

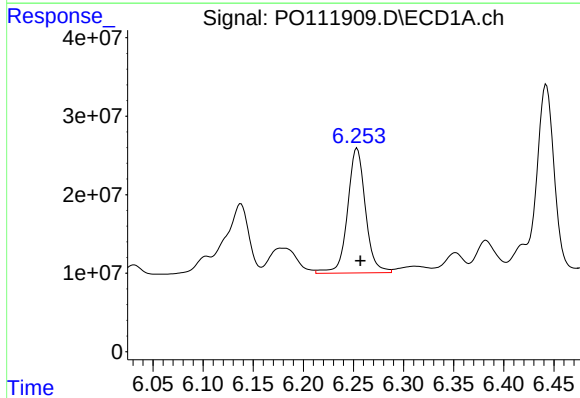
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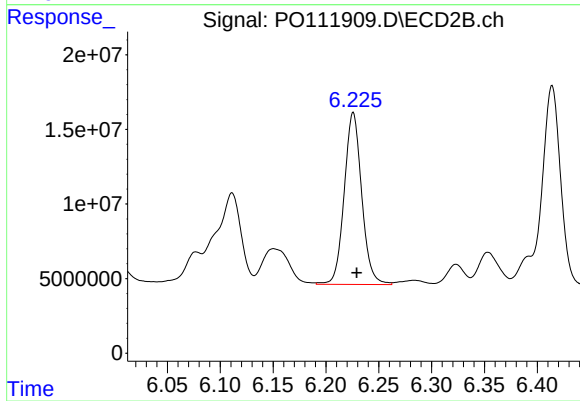
#7 AR-1016-5

R.T.: 5.197 min  
Delta R.T.: -0.002 min  
Response: 81667366  
Conc: 512.99 ng/ml m



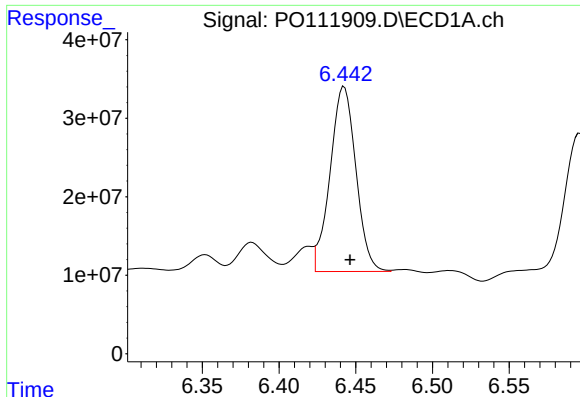
#31 AR-1260-1

R.T.: 6.254 min  
Delta R.T.: -0.003 min  
Response: 197236975  
Conc: 555.09 ng/ml



#31 AR-1260-1

R.T.: 6.225 min  
Delta R.T.: -0.004 min  
Response: 132662788  
Conc: 528.71 ng/ml m



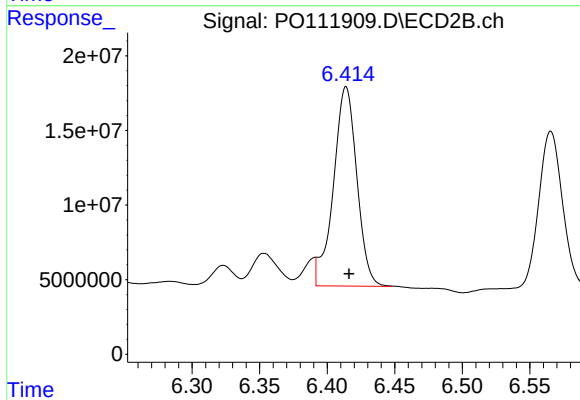
#32 AR-1260-2

R.T.: 6.442 min  
Delta R.T.: -0.005 min  
Response: 275465806  
Conc: 583.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

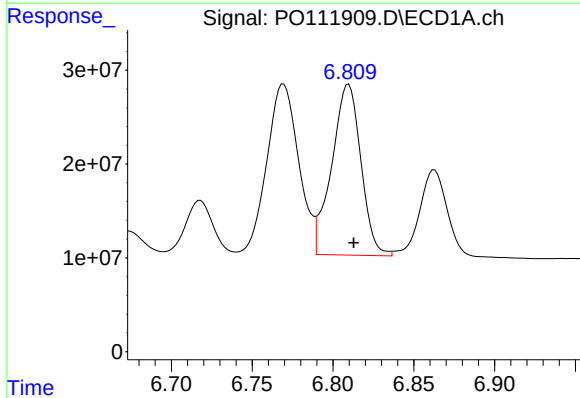
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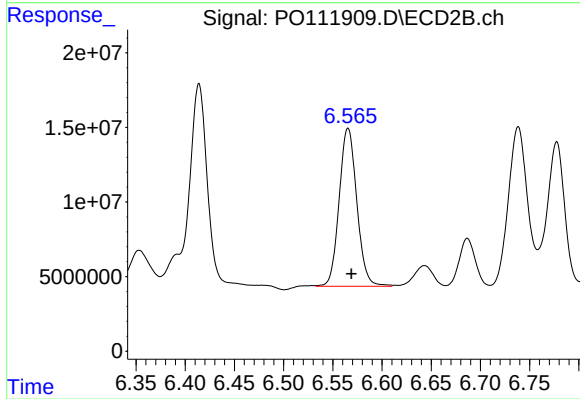
#32 AR-1260-2

R.T.: 6.414 min  
Delta R.T.: -0.003 min  
Response: 160946286  
Conc: 547.40 ng/ml m



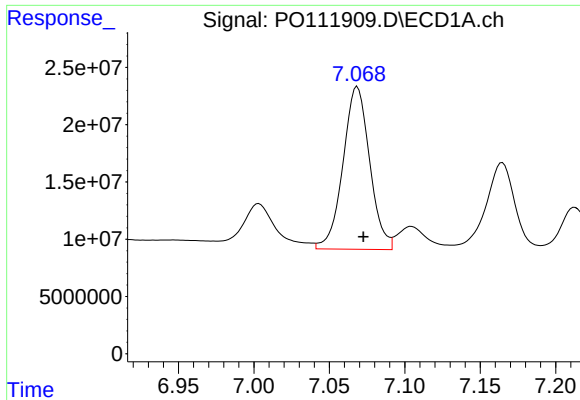
#33 AR-1260-3

R.T.: 6.809 min  
Delta R.T.: -0.004 min  
Response: 227714228  
Conc: 536.21 ng/ml m



#33 AR-1260-3

R.T.: 6.565 min  
Delta R.T.: -0.004 min  
Response: 132269943  
Conc: 495.06 ng/ml m



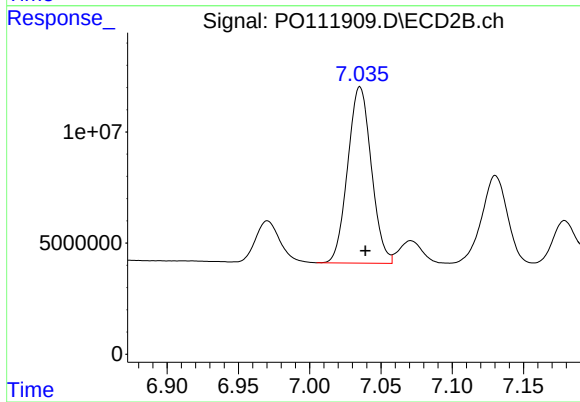
#34 AR-1260-4

R.T.: 7.069 min  
Delta R.T.: -0.004 min  
Response: 175058582  
Conc: 556.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

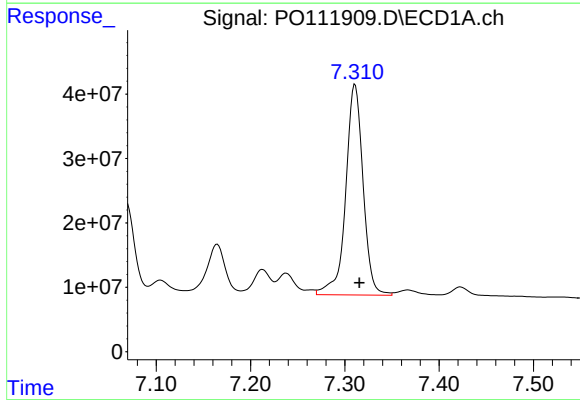
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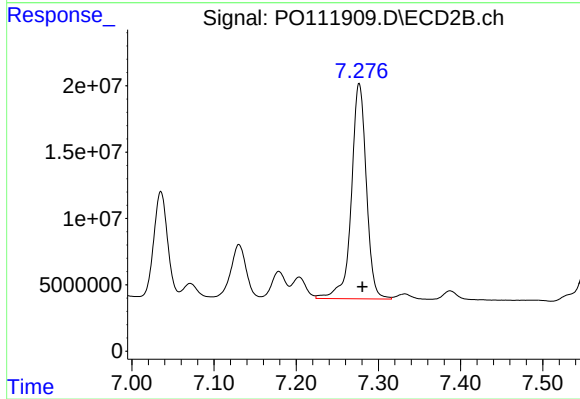
#34 AR-1260-4

R.T.: 7.035 min  
Delta R.T.: -0.004 min  
Response: 91520495  
Conc: 481.44 ng/ml



#35 AR-1260-5

R.T.: 7.311 min  
Delta R.T.: -0.005 min  
Response: 418818160  
Conc: 508.44 ng/ml



#35 AR-1260-5

R.T.: 7.277 min  
Delta R.T.: -0.004 min  
Response: 205891572  
Conc: 484.43 ng/ml