

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0080525\  
 Data File : P0112758.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2025 15:38  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/06/2025  
 Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 22:48:53 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 | 385.0E6  | 225.4E6  | 47.344   | 45.360   |
| 2)                          | SA Decachlor... | 8.685 | 8.633 | 284.8E6  | 75568320 | 38.949m  | 42.764   |
| Target Compounds            |                 |       |       |          |          |          |          |
| 3)                          | L1 AR-1016-1    | 4.752 | 4.733 | 129.9E6  | 77373174 | 484.038  | 442.115  |
| 4)                          | L1 AR-1016-2    | 4.771 | 4.751 | 193.2E6  | 115.6E6  | 475.823  | 443.625  |
| 5)                          | L1 AR-1016-3    | 4.828 | 4.926 | 123.9E6  | 59623160 | 473.487  | 438.514  |
| 6)                          | L1 AR-1016-4    | 4.947 | 4.969 | 98772789 | 49104536 | 466.258  | 442.046  |
| 7)                          | L1 AR-1016-5    | 5.204 | 5.180 | 103.2E6  | 63406967 | 470.059  | 442.468  |
| 31)                         | L7 AR-1260-1    | 6.240 | 6.208 | 187.5E6  | 106.2E6  | 426.795  | 427.231  |
| 32)                         | L7 AR-1260-2    | 6.430 | 6.397 | 289.3E6  | 141.2E6  | 420.538  | 428.598  |
| 33)                         | L7 AR-1260-3    | 6.796 | 6.547 | 257.7E6  | 112.6E6  | 438.260  | 438.452m |
| 34)                         | L7 AR-1260-4    | 7.054 | 7.017 | 181.0E6  | 82738300 | 401.244m | 432.481  |
| 35)                         | L7 AR-1260-5    | 7.297 | 7.259 | 497.4E6  | 183.0E6  | 401.425  | 444.074  |
| -----                       |                 |       |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO080525\  
Data File : PO112758.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2025 15:38  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

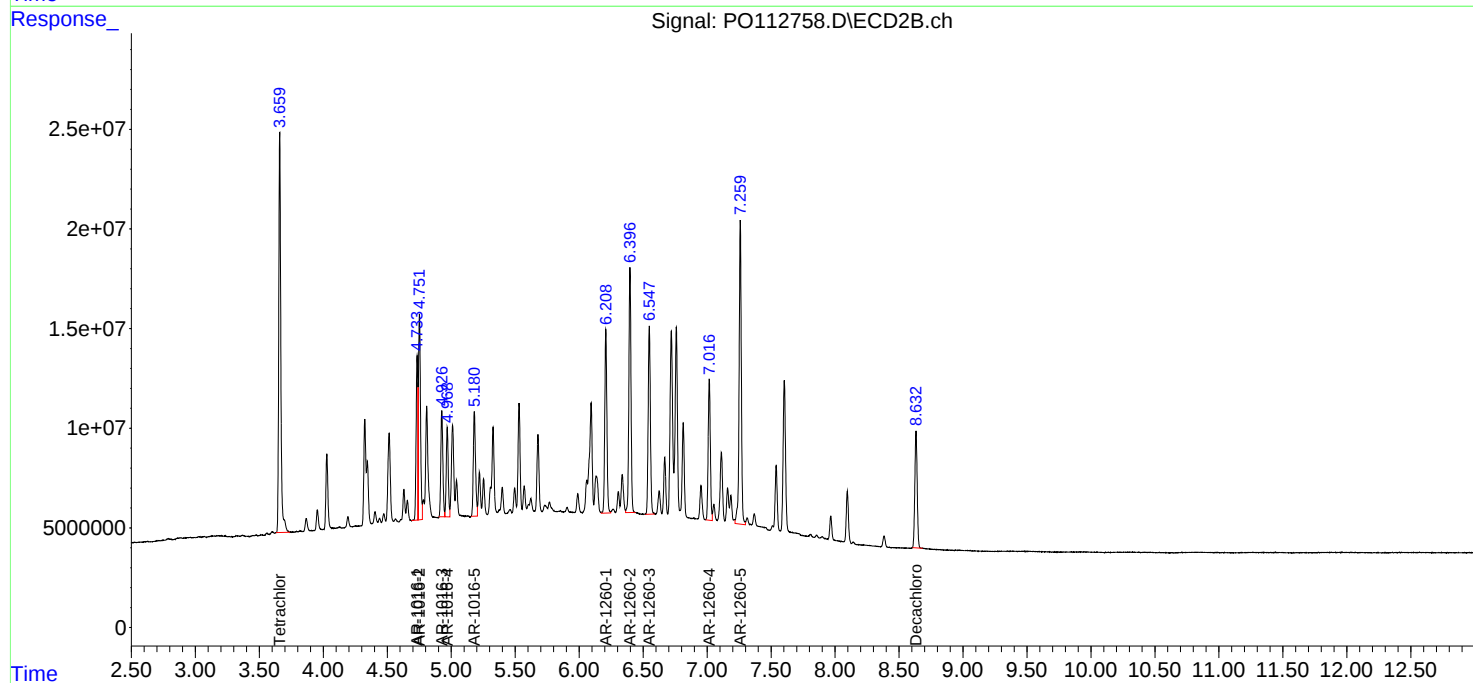
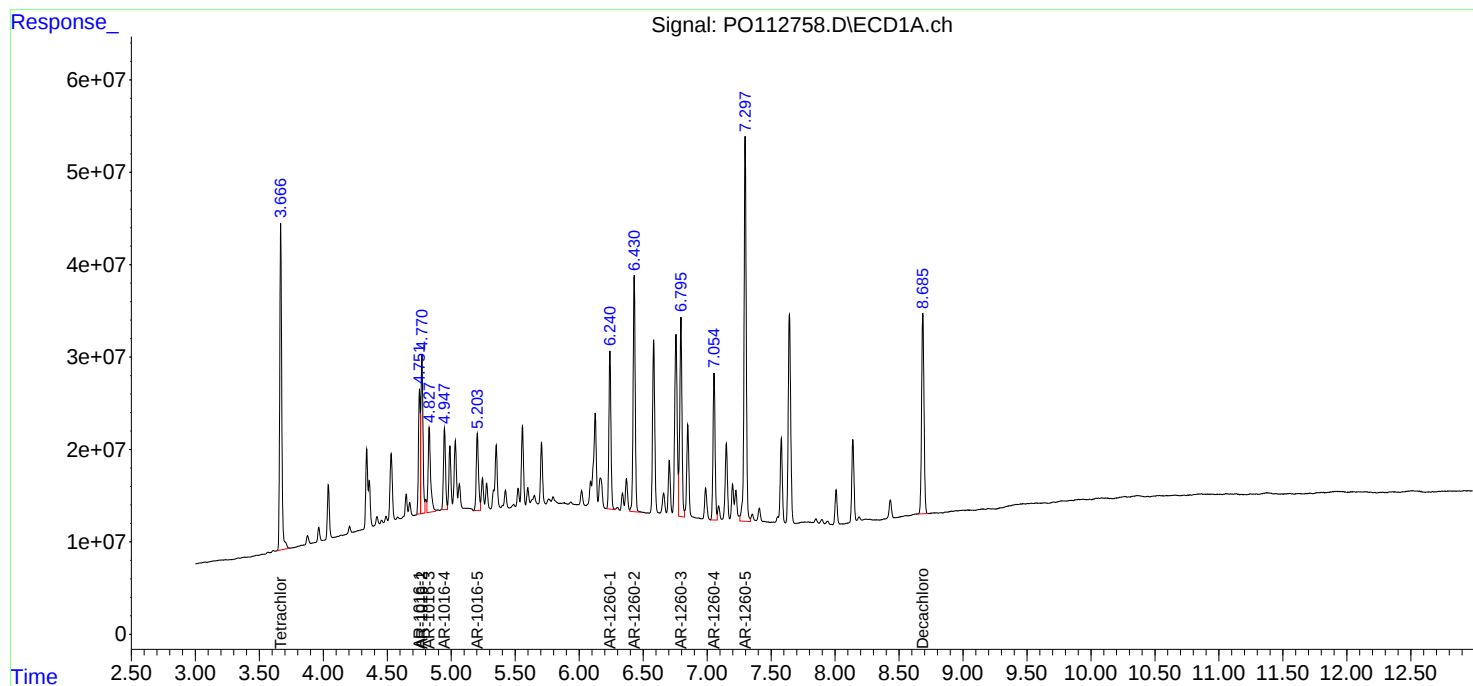
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

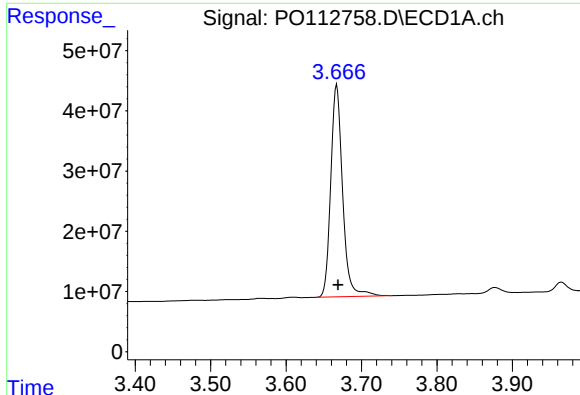
Manual Integrations  
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Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 22:48:53 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





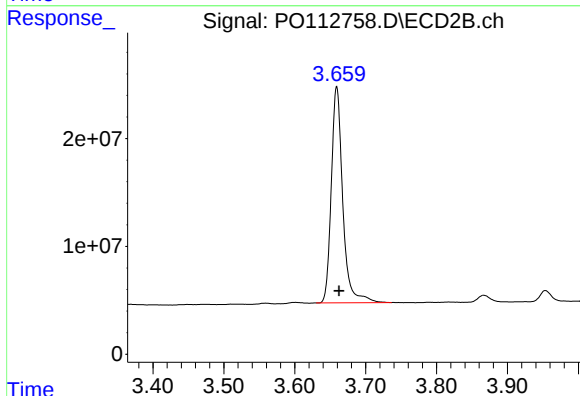
#1 Tetrachloro-m-xylene

R.T.: 3.667 min  
Delta R.T.: -0.002 min  
Response: 384980114  
Conc: 47.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

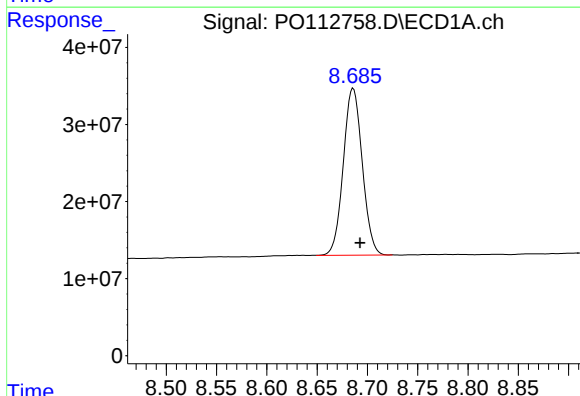
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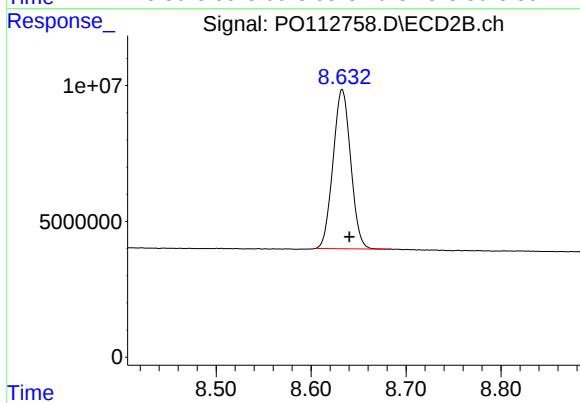
#1 Tetrachloro-m-xylene

R.T.: 3.659 min  
Delta R.T.: -0.003 min  
Response: 225400680  
Conc: 45.36 ng/ml



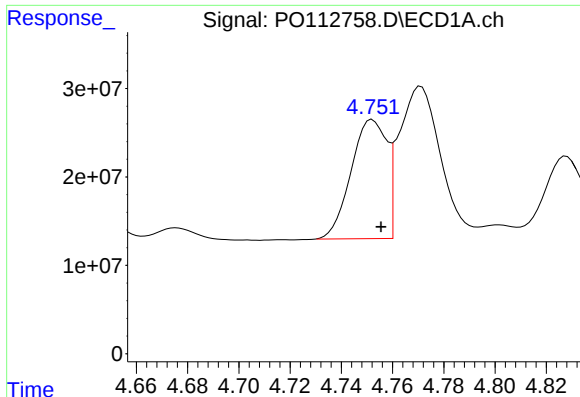
#2 Decachlorobiphenyl

R.T.: 8.685 min  
Delta R.T.: -0.008 min  
Response: 284789656  
Conc: 38.95 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.633 min  
Delta R.T.: -0.008 min  
Response: 75568320  
Conc: 42.76 ng/ml



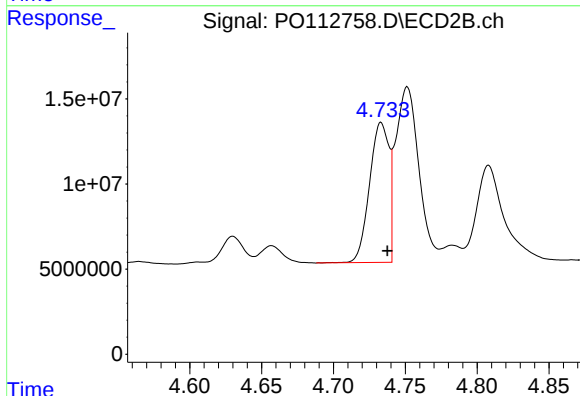
#3 AR-1016-1

R.T.: 4.752 min  
Delta R.T.: -0.003 min  
Response: 129899140  
Conc: 484.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

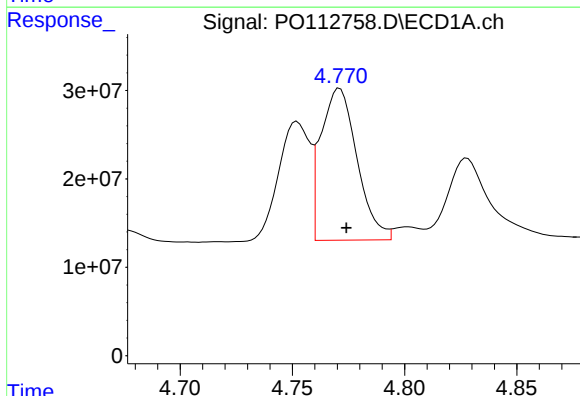
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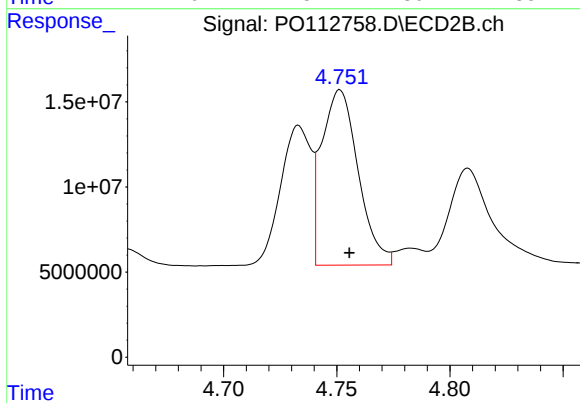
#3 AR-1016-1

R.T.: 4.733 min  
Delta R.T.: -0.004 min  
Response: 77373174  
Conc: 442.11 ng/ml



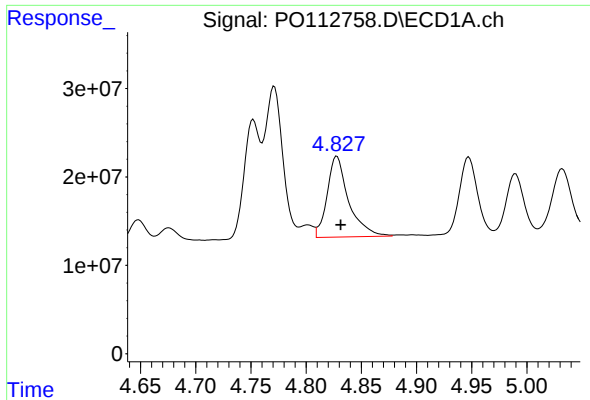
#4 AR-1016-2

R.T.: 4.771 min  
Delta R.T.: -0.003 min  
Response: 193239902  
Conc: 475.82 ng/ml



#4 AR-1016-2

R.T.: 4.751 min  
Delta R.T.: -0.004 min  
Response: 115562179  
Conc: 443.63 ng/ml



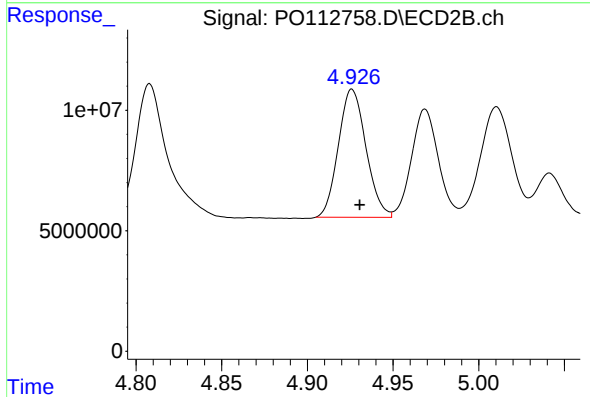
#5 AR-1016-3

R.T.: 4.828 min  
Delta R.T.: -0.003 min  
Response: 123899144  
Conc: 473.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

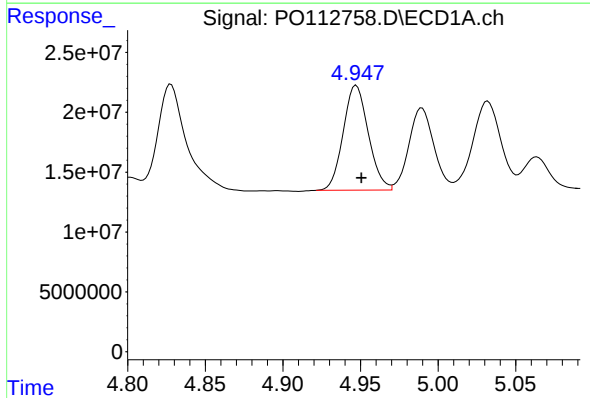
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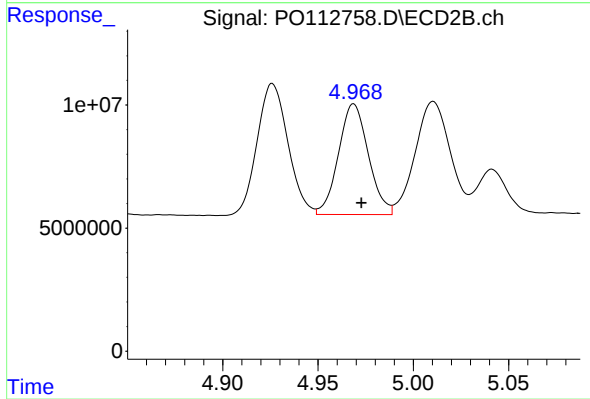
#5 AR-1016-3

R.T.: 4.926 min  
Delta R.T.: -0.004 min  
Response: 59623160  
Conc: 438.51 ng/ml



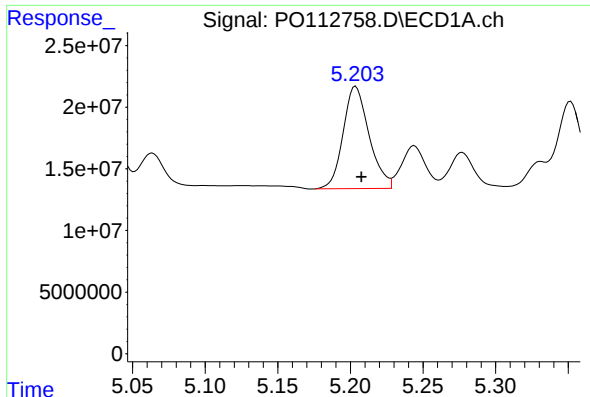
#6 AR-1016-4

R.T.: 4.947 min  
Delta R.T.: -0.003 min  
Response: 98772789  
Conc: 466.26 ng/ml



#6 AR-1016-4

R.T.: 4.969 min  
Delta R.T.: -0.004 min  
Response: 49104536  
Conc: 442.05 ng/ml



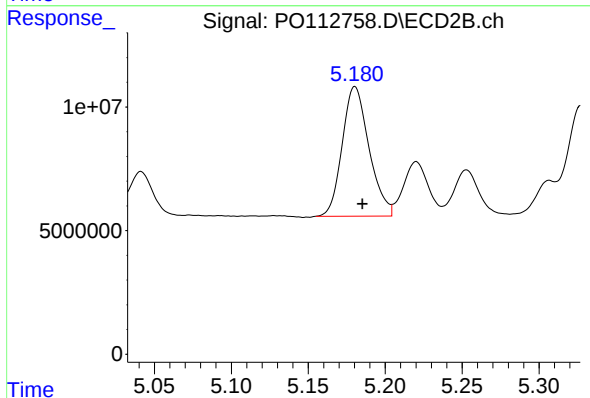
#7 AR-1016-5

R.T.: 5.204 min  
Delta R.T.: -0.004 min  
Response: 103164092  
Conc: 470.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

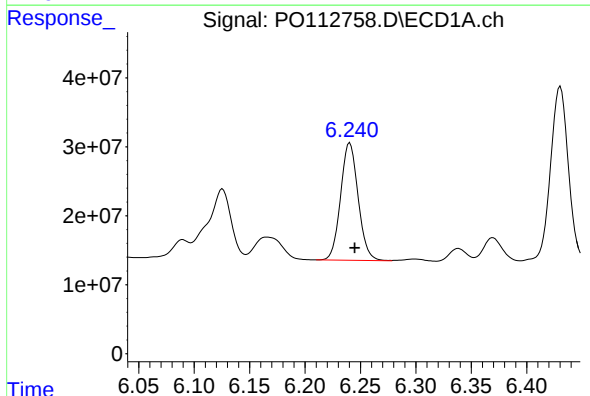
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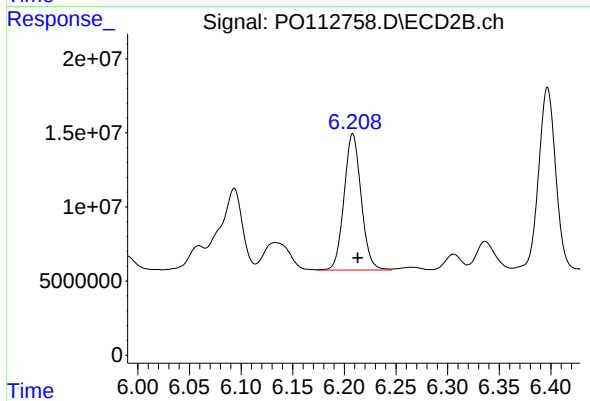
#7 AR-1016-5

R.T.: 5.180 min  
Delta R.T.: -0.005 min  
Response: 63406967  
Conc: 442.47 ng/ml



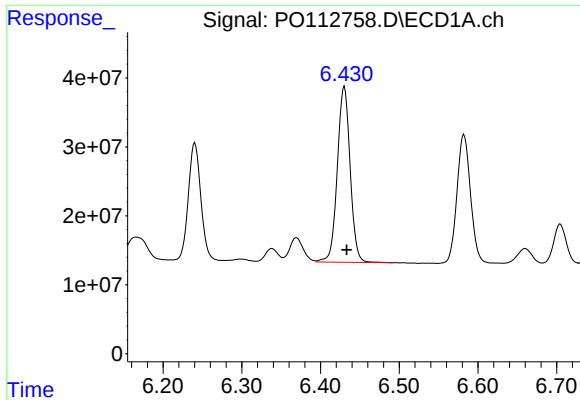
#31 AR-1260-1

R.T.: 6.240 min  
Delta R.T.: -0.004 min  
Response: 187504230  
Conc: 426.79 ng/ml



#31 AR-1260-1

R.T.: 6.208 min  
Delta R.T.: -0.005 min  
Response: 106171738  
Conc: 427.23 ng/ml



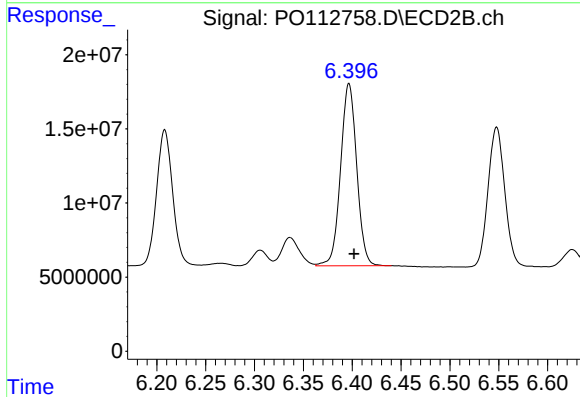
#32 AR-1260-2

R.T.: 6.430 min  
Delta R.T.: -0.003 min  
Response: 289285566  
Conc: 420.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

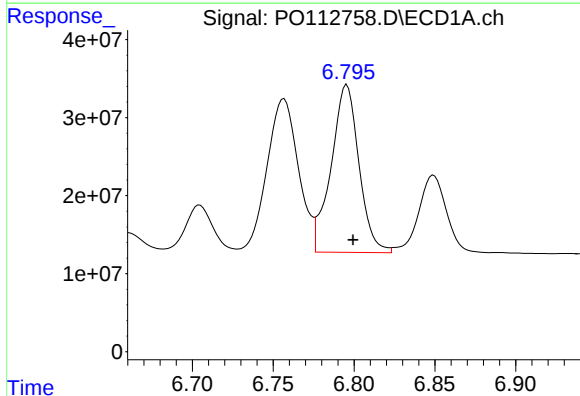
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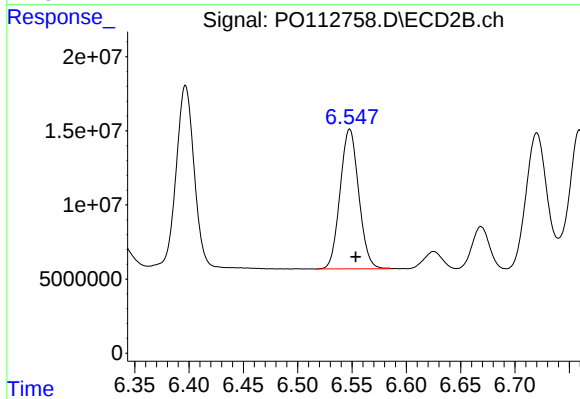
#32 AR-1260-2

R.T.: 6.397 min  
Delta R.T.: -0.005 min  
Response: 141220133  
Conc: 428.60 ng/ml



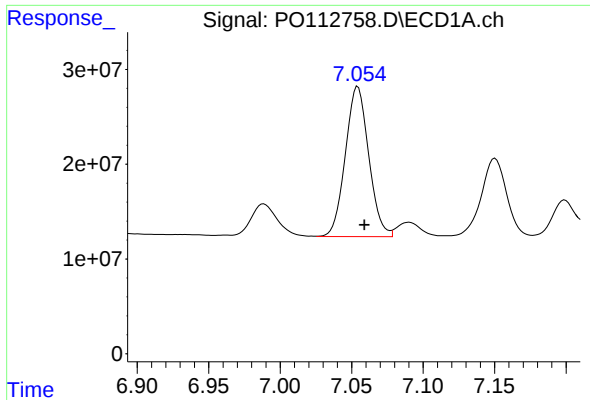
#33 AR-1260-3

R.T.: 6.796 min  
Delta R.T.: -0.004 min  
Response: 257705334  
Conc: 438.26 ng/ml



#33 AR-1260-3

R.T.: 6.547 min  
Delta R.T.: -0.006 min  
Response: 112647631  
Conc: 438.45 ng/ml m



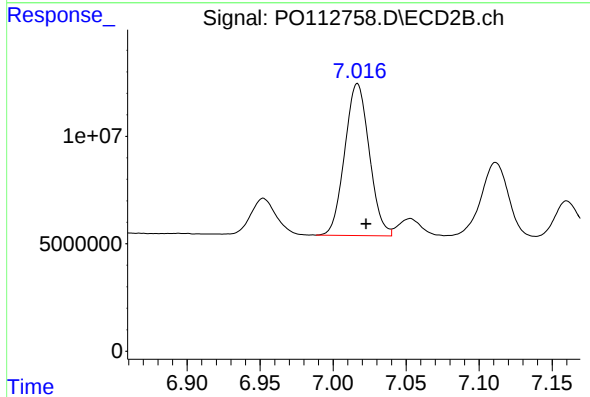
#34 AR-1260-4

R.T.: 7.054 min  
Delta R.T.: -0.005 min  
Response: 180962979  
Conc: 401.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

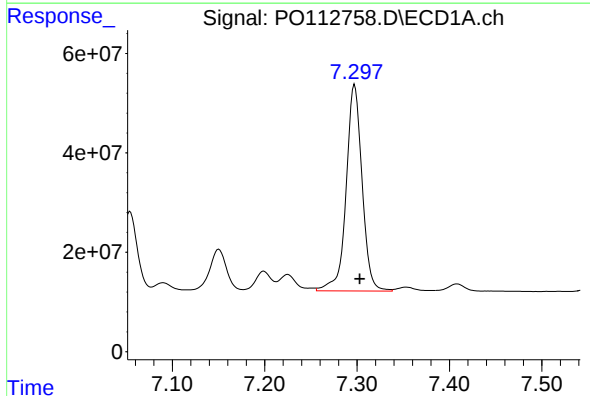
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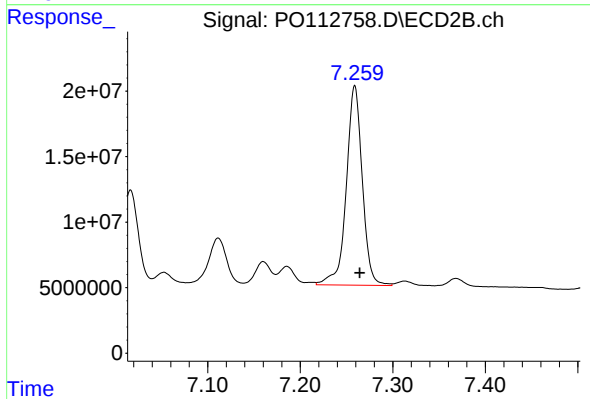
#34 AR-1260-4

R.T.: 7.017 min  
Delta R.T.: -0.006 min  
Response: 82738300  
Conc: 432.48 ng/ml



#35 AR-1260-5

R.T.: 7.297 min  
Delta R.T.: -0.005 min  
Response: 497421736  
Conc: 401.43 ng/ml



#35 AR-1260-5

R.T.: 7.259 min  
Delta R.T.: -0.005 min  
Response: 183044513  
Conc: 444.07 ng/ml