

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0081525\  
 Data File : P0112966.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2025 09:08  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/18/2025  
 Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 15 13:13:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\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... | 3.665 | 3.656 | 459.3E6 | 262.8E6  | 56.487   | 52.891   |
| 2)                          | SA Decachlor... | 8.683 | 8.628 | 318.9E6 | 86324940 | 43.616   | 48.851   |
| Target Compounds            |                 |       |       |         |          |          |          |
| 3)                          | L1 AR-1016-1    | 4.748 | 4.730 | 149.3E6 | 86429592 | 556.402m | 493.864  |
| 4)                          | L1 AR-1016-2    | 4.767 | 4.748 | 215.1E6 | 128.8E6  | 529.773m | 494.439  |
| 5)                          | L1 AR-1016-3    | 4.825 | 4.923 | 135.9E6 | 67857170 | 519.342  | 499.073m |
| 6)                          | L1 AR-1016-4    | 4.944 | 4.964 | 113.5E6 | 55603970 | 535.750  | 500.554m |
| 7)                          | L1 AR-1016-5    | 5.201 | 5.177 | 119.3E6 | 69622042 | 543.772  | 485.838  |
| 31)                         | L7 AR-1260-1    | 6.237 | 6.205 | 238.1E6 | 123.2E6  | 541.906  | 495.791  |
| 32)                         | L7 AR-1260-2    | 6.427 | 6.393 | 359.3E6 | 164.0E6  | 522.345  | 497.605  |
| 33)                         | L7 AR-1260-3    | 6.792 | 6.544 | 308.8E6 | 133.7E6  | 525.100  | 520.212m |
| 34)                         | L7 AR-1260-4    | 7.051 | 7.014 | 210.4E6 | 98170924 | 466.620  | 513.149  |
| 35)                         | L7 AR-1260-5    | 7.294 | 7.256 | 579.7E6 | 215.2E6  | 467.849  | 522.088  |
| -----                       |                 |       |       |         |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081525\  
Data File : PO112966.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2025 09:08  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

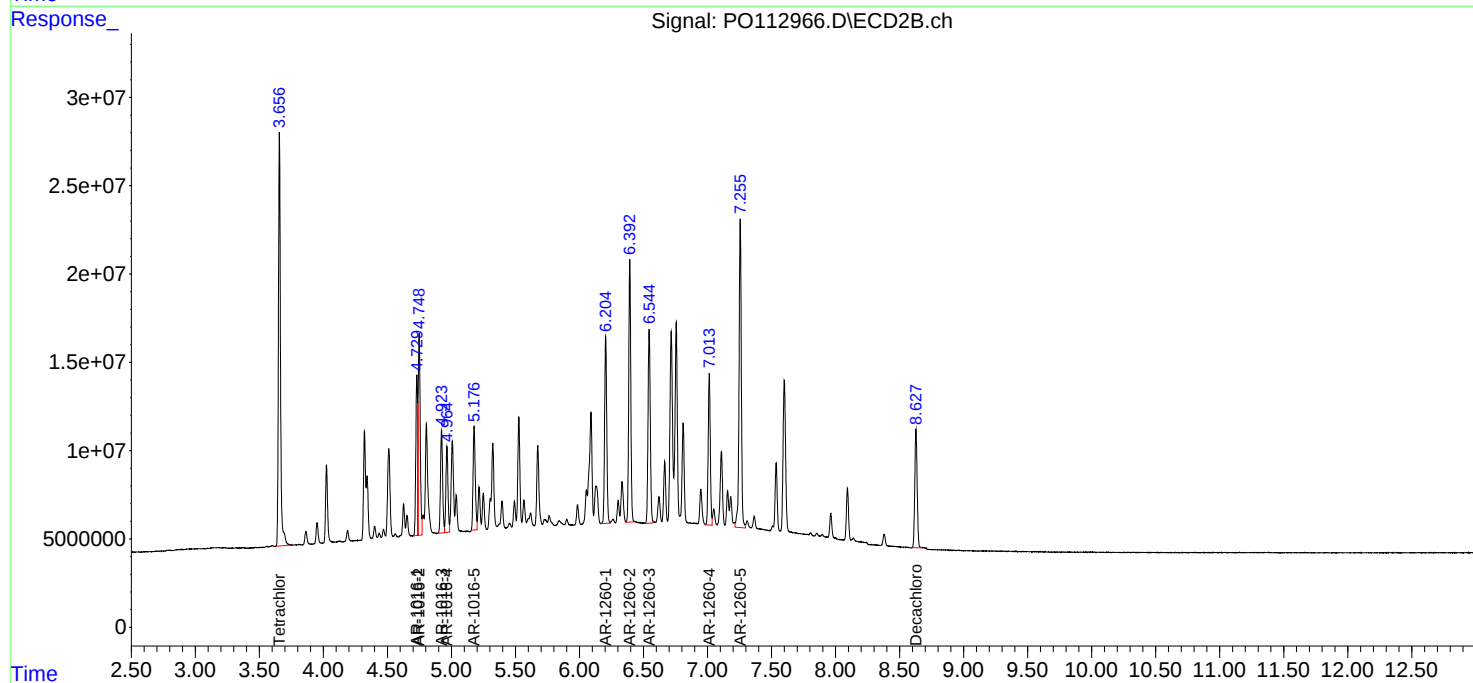
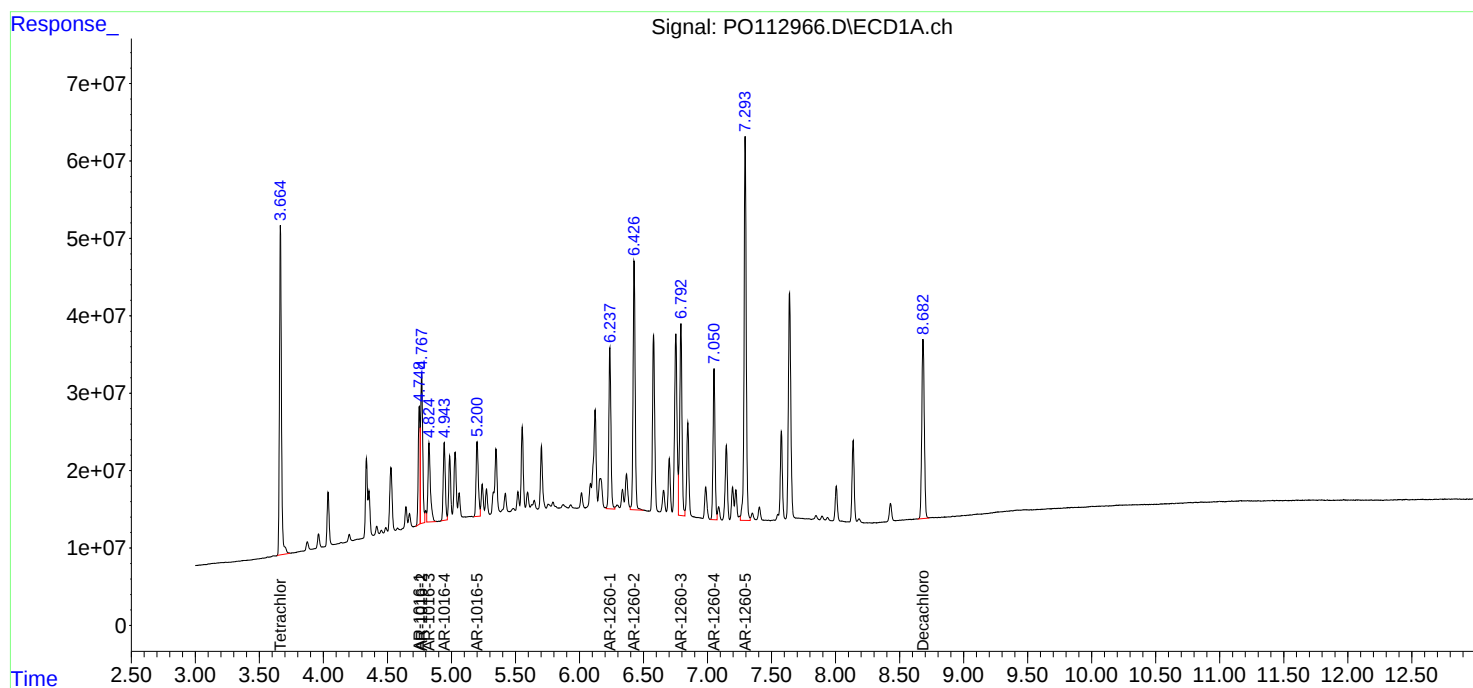
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

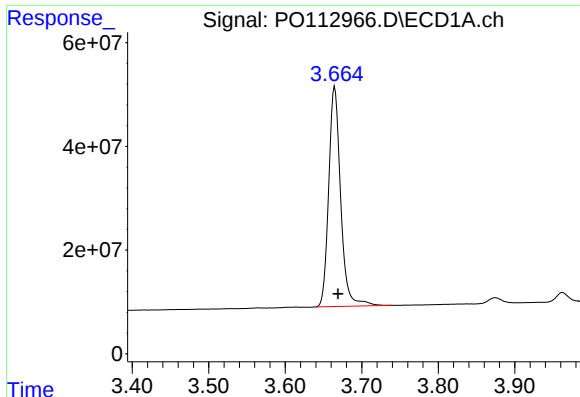
Manual Integrations  
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Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 15 13:13:01 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





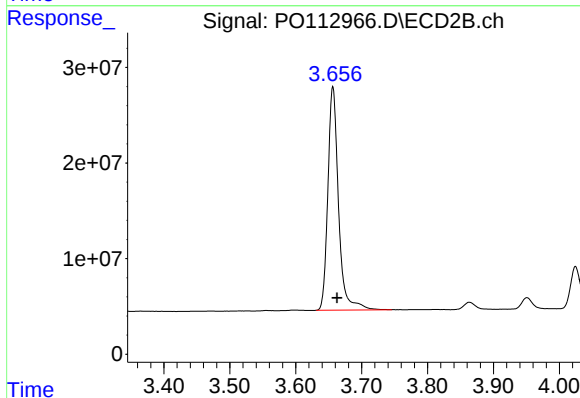
#1 Tetrachloro-m-xylene

R.T.: 3.665 min  
Delta R.T.: -0.004 min  
Response: 459331769  
Conc: 56.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

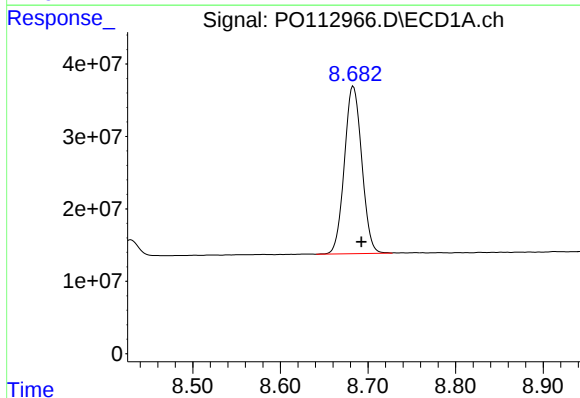
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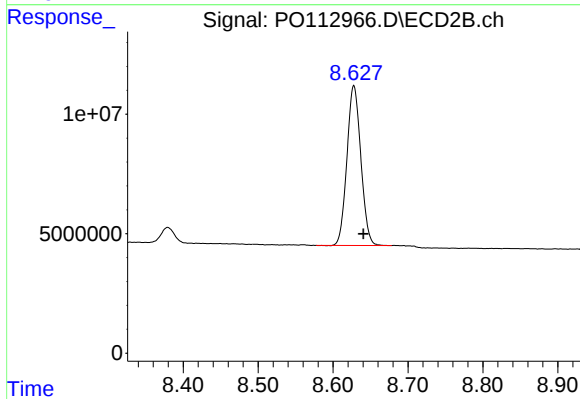
#1 Tetrachloro-m-xylene

R.T.: 3.656 min  
Delta R.T.: -0.006 min  
Response: 262824479  
Conc: 52.89 ng/ml



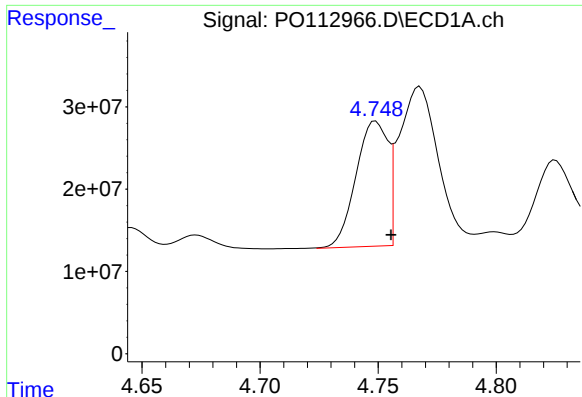
#2 Decachlorobiphenyl

R.T.: 8.683 min  
Delta R.T.: -0.010 min  
Response: 318909530  
Conc: 43.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.628 min  
Delta R.T.: -0.013 min  
Response: 86324940  
Conc: 48.85 ng/ml



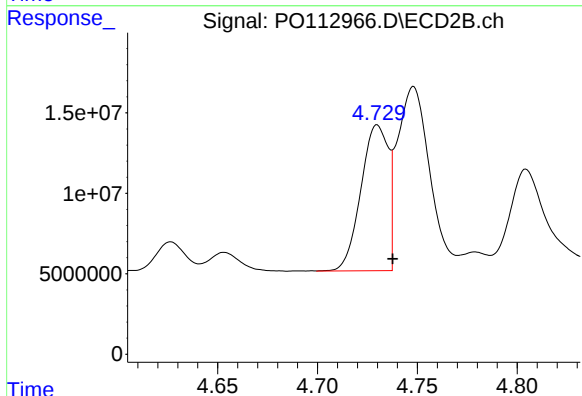
#3 AR-1016-1

R.T.: 4.748 min  
Delta R.T.: -0.007 min  
Response: 149319262  
Conc: 556.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

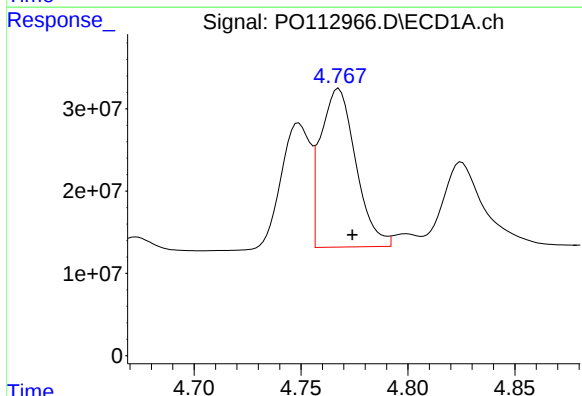
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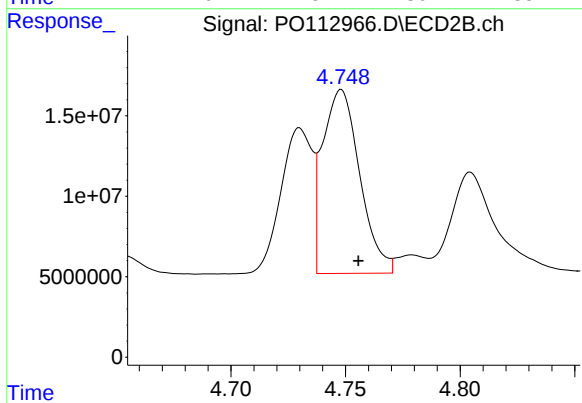
#3 AR-1016-1

R.T.: 4.730 min  
Delta R.T.: -0.008 min  
Response: 86429592  
Conc: 493.86 ng/ml



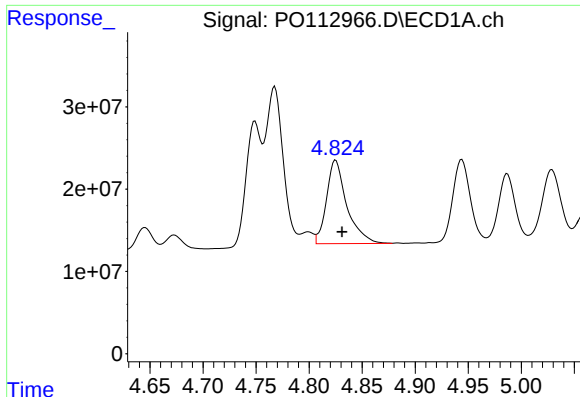
#4 AR-1016-2

R.T.: 4.767 min  
Delta R.T.: -0.007 min  
Response: 215149949  
Conc: 529.77 ng/ml m



#4 AR-1016-2

R.T.: 4.748 min  
Delta R.T.: -0.007 min  
Response: 128798877  
Conc: 494.44 ng/ml



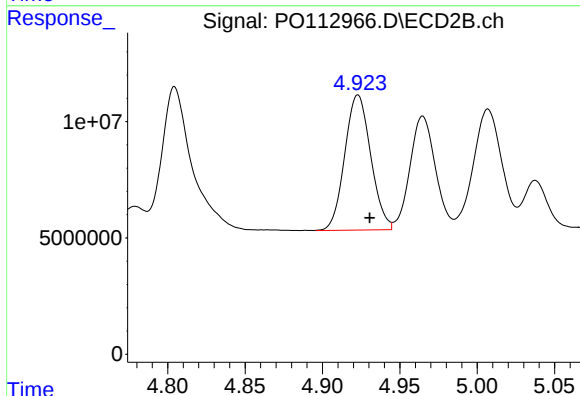
#5 AR-1016-3

R.T.: 4.825 min  
Delta R.T.: -0.006 min  
Response: 135898411  
Conc: 519.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

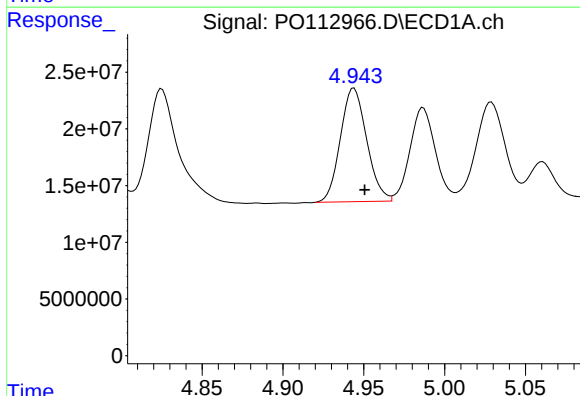
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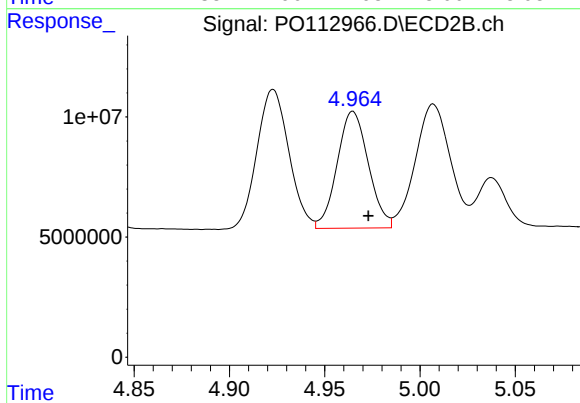
#5 AR-1016-3

R.T.: 4.923 min  
Delta R.T.: -0.008 min  
Response: 67857170  
Conc: 499.07 ng/ml m



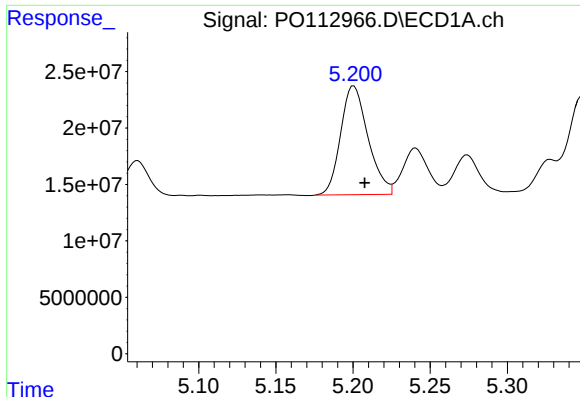
#6 AR-1016-4

R.T.: 4.944 min  
Delta R.T.: -0.007 min  
Response: 113494096  
Conc: 535.75 ng/ml



#6 AR-1016-4

R.T.: 4.964 min  
Delta R.T.: -0.008 min  
Response: 55603970  
Conc: 500.55 ng/ml m



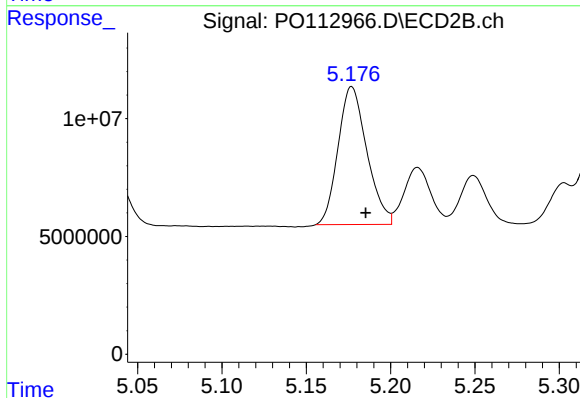
#7 AR-1016-5

R.T.: 5.201 min  
Delta R.T.: -0.007 min  
Response: 119341965  
Conc: 543.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

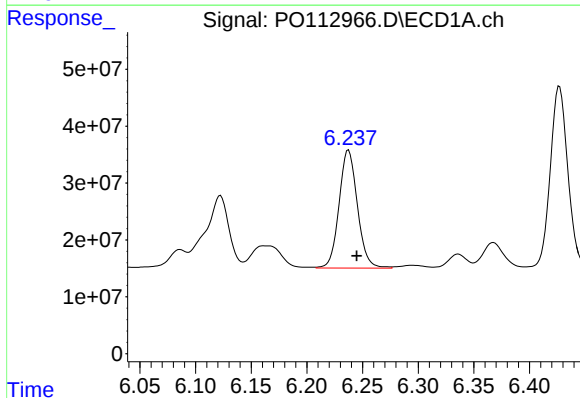
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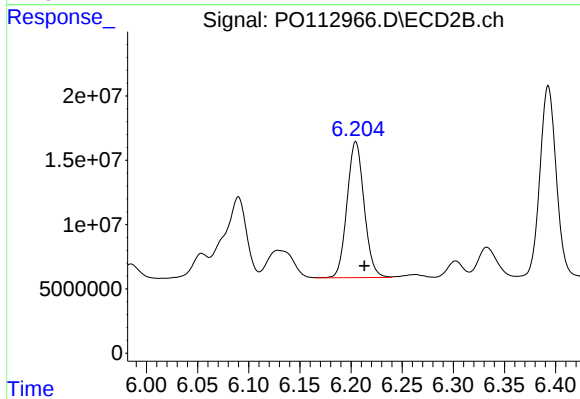
#7 AR-1016-5

R.T.: 5.177 min  
Delta R.T.: -0.008 min  
Response: 69622042  
Conc: 485.84 ng/ml



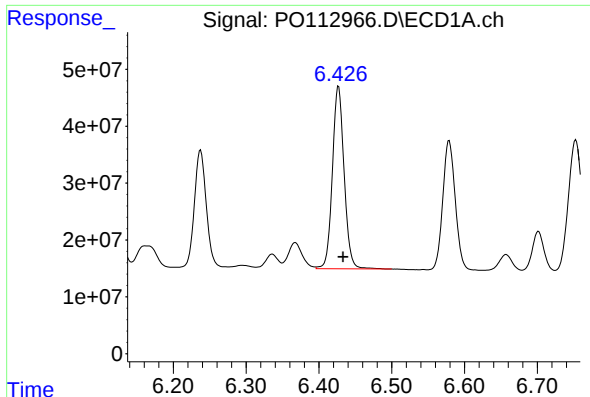
#31 AR-1260-1

R.T.: 6.237 min  
Delta R.T.: -0.007 min  
Response: 238076252  
Conc: 541.91 ng/ml



#31 AR-1260-1

R.T.: 6.205 min  
Delta R.T.: -0.009 min  
Response: 123209537  
Conc: 495.79 ng/ml



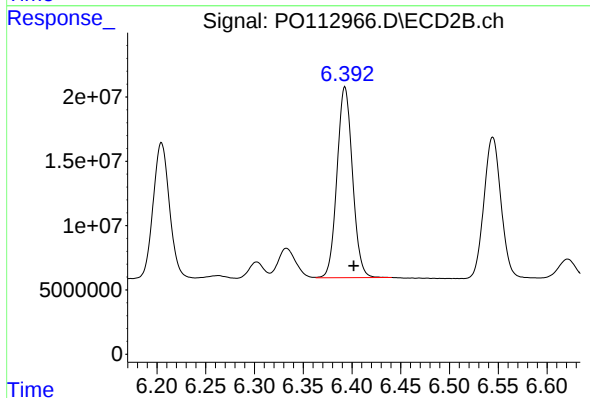
#32 AR-1260-2

R.T.: 6.427 min  
Delta R.T.: -0.006 min  
Response: 359317961  
Conc: 522.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

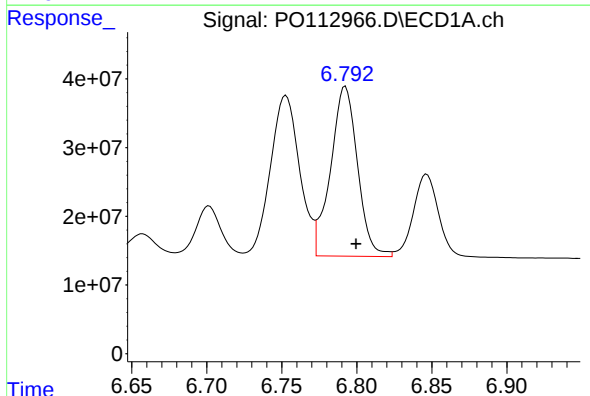
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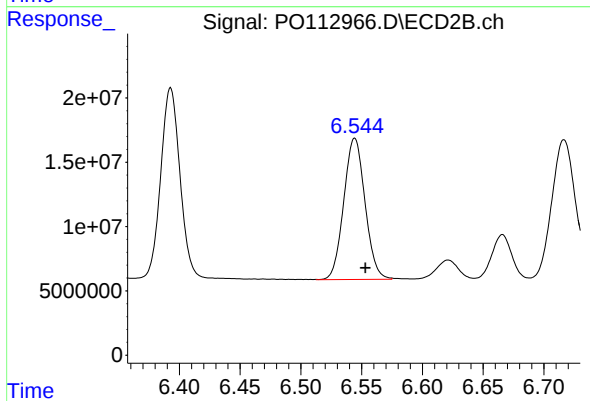
#32 AR-1260-2

R.T.: 6.393 min  
Delta R.T.: -0.009 min  
Response: 163957472  
Conc: 497.60 ng/ml



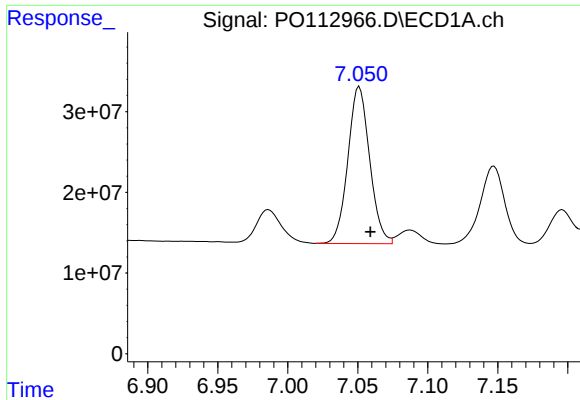
#33 AR-1260-3

R.T.: 6.792 min  
Delta R.T.: -0.007 min  
Response: 308769325  
Conc: 525.10 ng/ml



#33 AR-1260-3

R.T.: 6.544 min  
Delta R.T.: -0.009 min  
Response: 133653311  
Conc: 520.21 ng/ml m



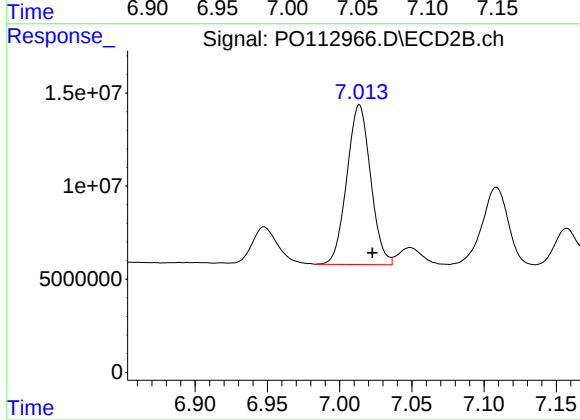
#34 AR-1260-4

R.T.: 7.051 min  
Delta R.T.: -0.008 min  
Response: 210447572  
Conc: 466.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

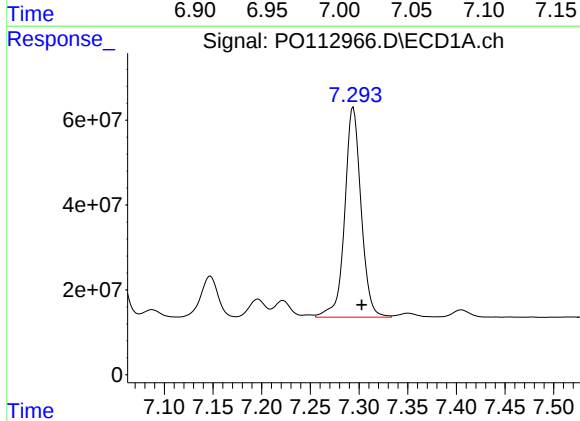
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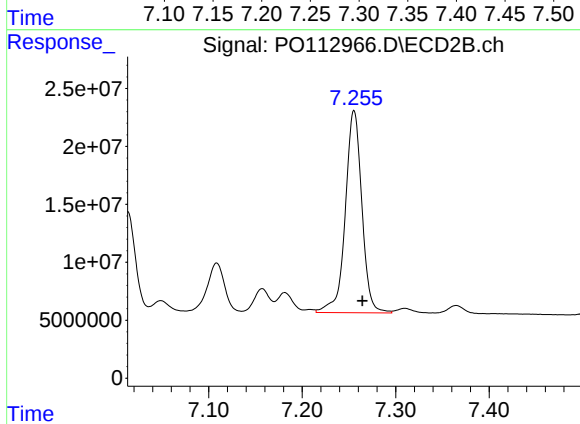
#34 AR-1260-4

R.T.: 7.014 min  
Delta R.T.: -0.009 min  
Response: 98170924  
Conc: 513.15 ng/ml



#35 AR-1260-5

R.T.: 7.294 min  
Delta R.T.: -0.009 min  
Response: 579729545  
Conc: 467.85 ng/ml



#35 AR-1260-5

R.T.: 7.256 min  
Delta R.T.: -0.009 min  
Response: 215201475  
Conc: 522.09 ng/ml