

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0090325\  
 Data File : P0113428.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2025 14:27  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/04/2025  
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 03 14:45:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081825.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Aug 19 06:08:32 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...          | 3.661 | 3.652 | 455.6E6 | 268.6E6  | 55.653  | 53.078   |
| 2) SA Decachlor...          | 8.676 | 8.621 | 274.8E6 | 87160639 | 39.648m | 45.999   |
| Target Compounds            |       |       |         |          |         |          |
| 3) L1 AR-1016-1             | 4.745 | 4.726 | 147.5E6 | 88282450 | 552.319 | 517.562  |
| 4) L1 AR-1016-2             | 4.764 | 4.744 | 220.5E6 | 132.5E6  | 549.260 | 514.264  |
| 5) L1 AR-1016-3             | 4.821 | 4.919 | 141.1E6 | 69481867 | 553.175 | 497.670  |
| 6) L1 AR-1016-4             | 4.940 | 4.961 | 102.9E6 | 56366840 | 471.985 | 483.011  |
| 7) L1 AR-1016-5             | 5.196 | 5.173 | 117.9E6 | 74462965 | 531.929 | 522.437  |
| 31) L7 AR-1260-1            | 6.232 | 6.199 | 215.5E6 | 110.9E6  | 483.180 | 434.615  |
| 32) L7 AR-1260-2            | 6.422 | 6.388 | 316.1E6 | 146.4E6  | 460.325 | 423.548  |
| 33) L7 AR-1260-3            | 6.787 | 6.538 | 271.4E6 | 118.4E6  | 439.481 | 398.006m |
| 34) L7 AR-1260-4            | 7.046 | 7.008 | 188.3E6 | 83710574 | 420.541 | 403.912  |
| 35) L7 AR-1260-5            | 7.290 | 7.250 | 491.1E6 | 189.6E6  | 405.665 | 404.690m |
| -----                       |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO090325\  
Data File : PO113428.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Sep 2025 14:27  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

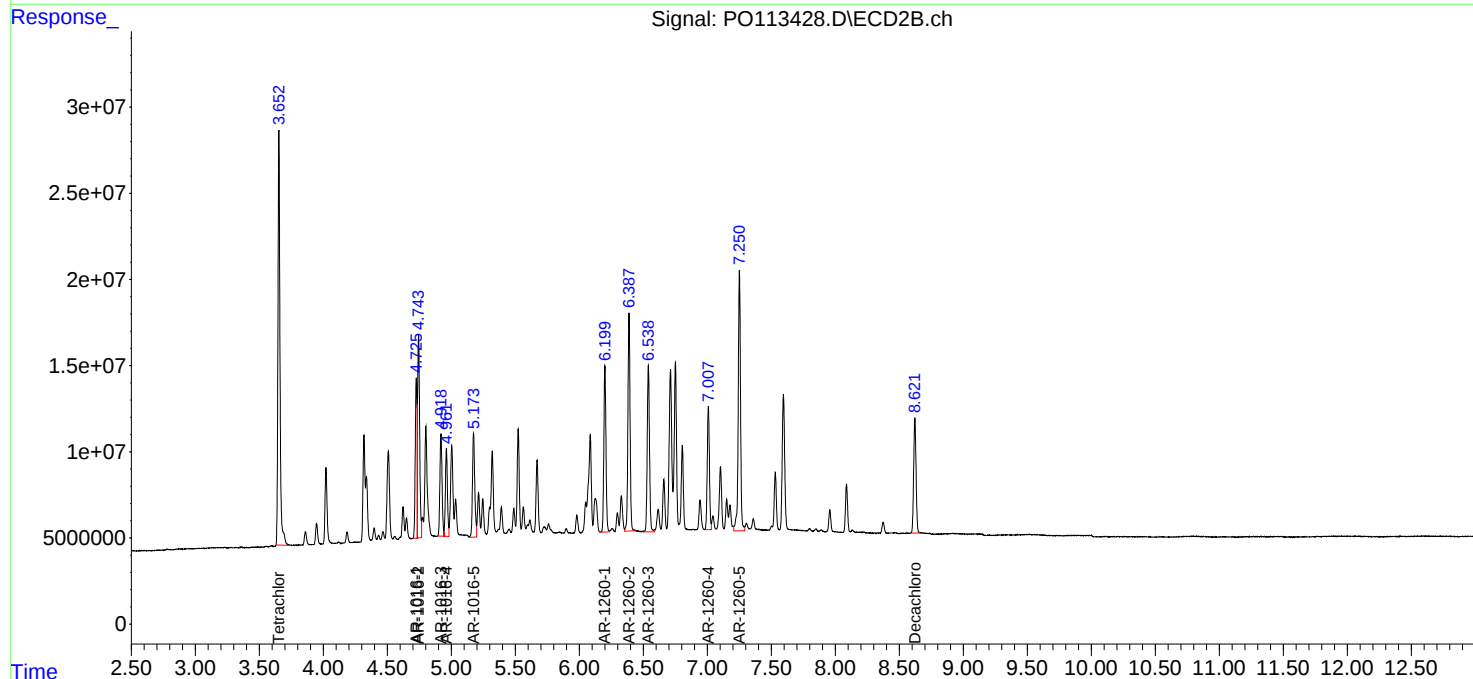
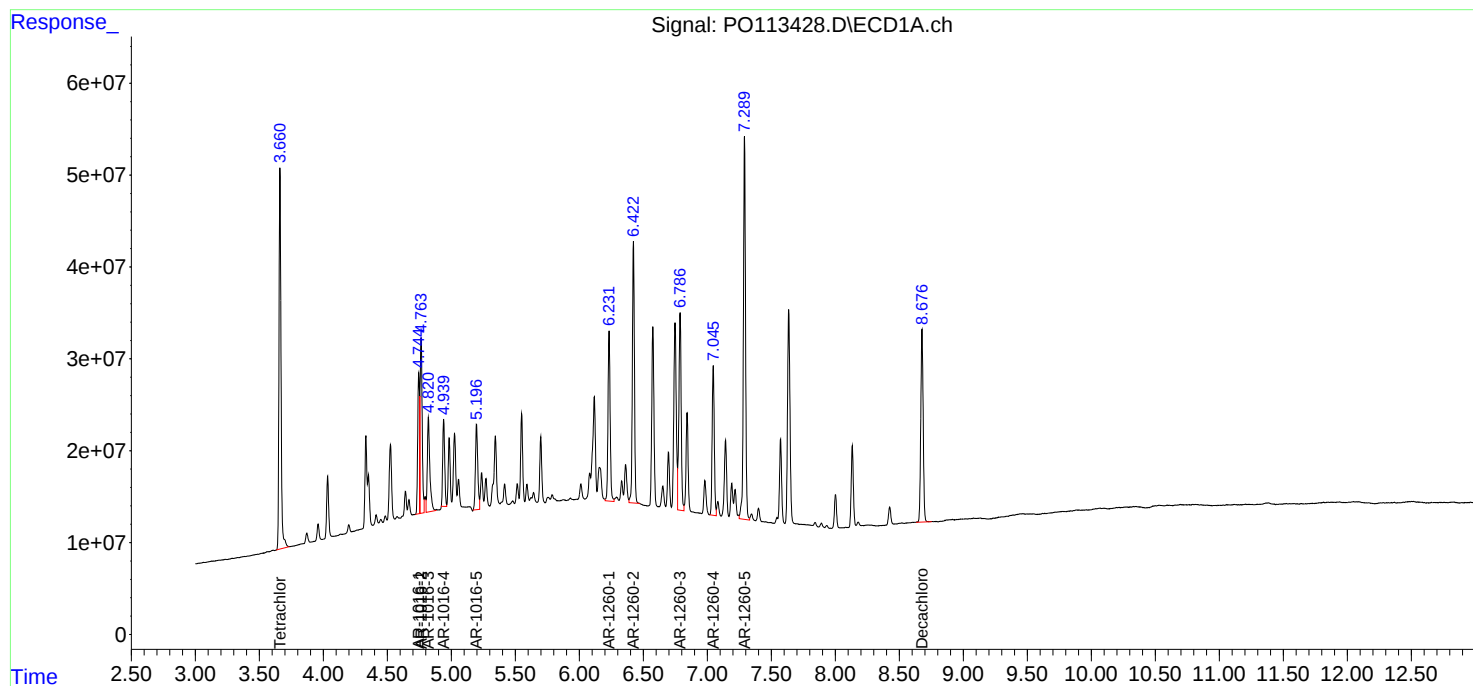
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

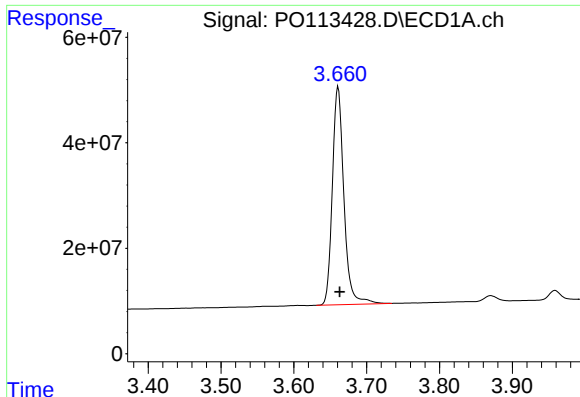
Manual Integrations  
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Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 03 14:45:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO081825.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Aug 19 06:08:32 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





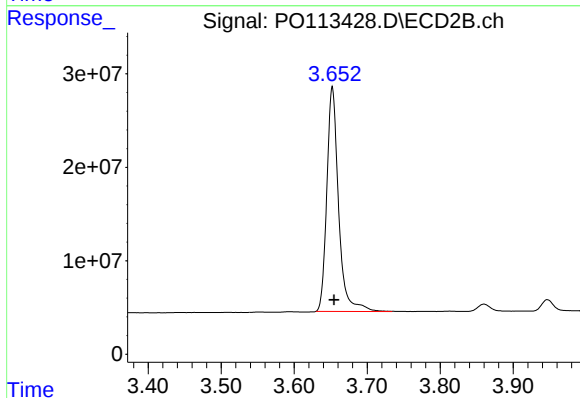
#1 Tetrachloro-m-xylene

R.T.: 3.661 min  
Delta R.T.: -0.002 min  
Response: 455607070  
Conc: 55.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

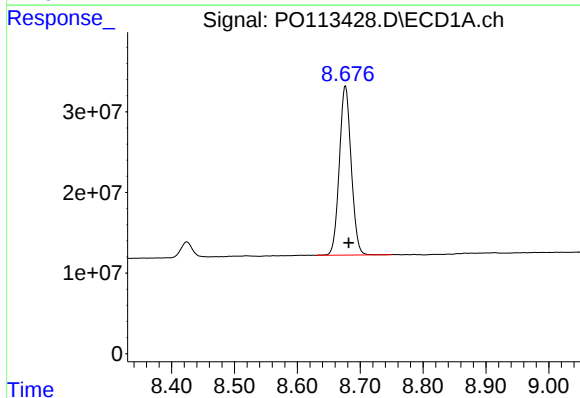
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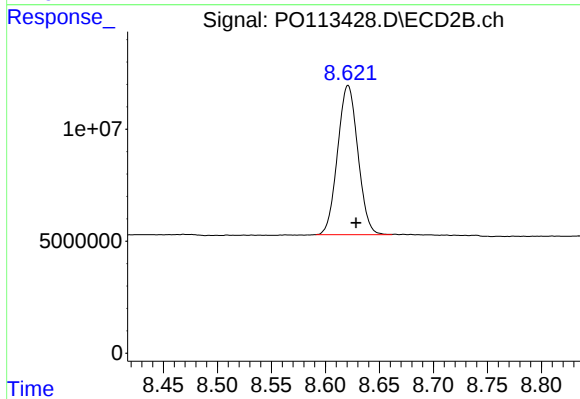
#1 Tetrachloro-m-xylene

R.T.: 3.652 min  
Delta R.T.: -0.003 min  
Response: 268611395  
Conc: 53.08 ng/ml



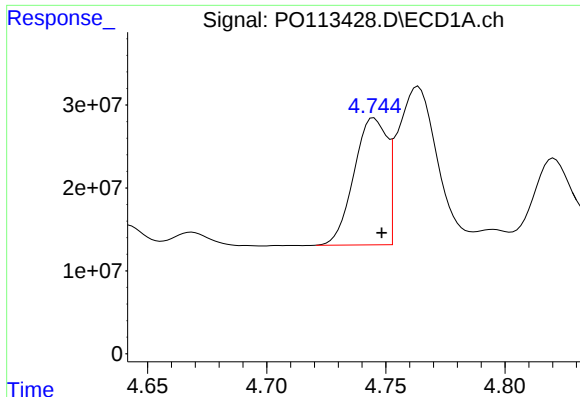
#2 Decachlorobiphenyl

R.T.: 8.676 min  
Delta R.T.: -0.006 min  
Response: 274819019  
Conc: 39.65 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.621 min  
Delta R.T.: -0.007 min  
Response: 87160639  
Conc: 46.00 ng/ml



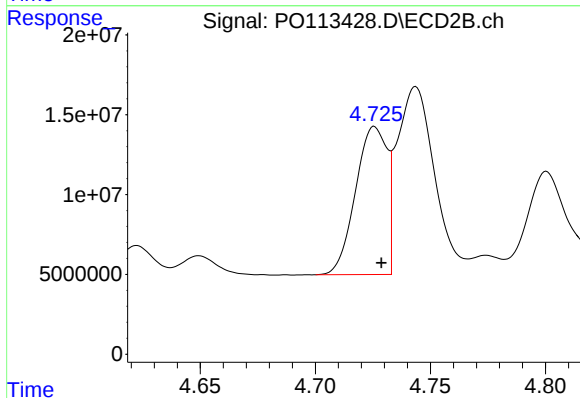
#3 AR-1016-1

R.T.: 4.745 min  
Delta R.T.: -0.003 min  
Response: 147460837  
Conc: 552.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

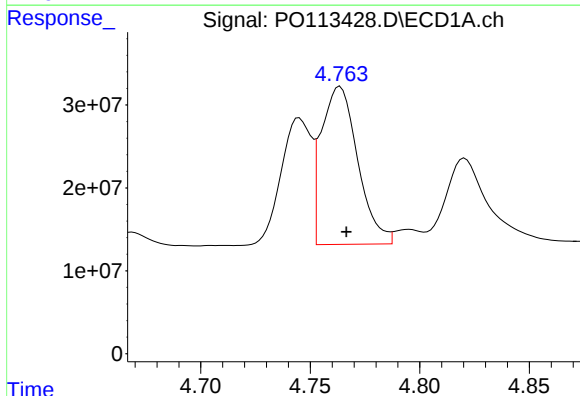
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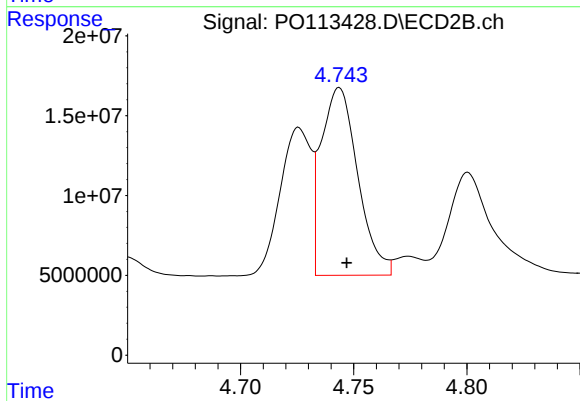
#3 AR-1016-1

R.T.: 4.726 min  
Delta R.T.: -0.003 min  
Response: 88282450  
Conc: 517.56 ng/ml



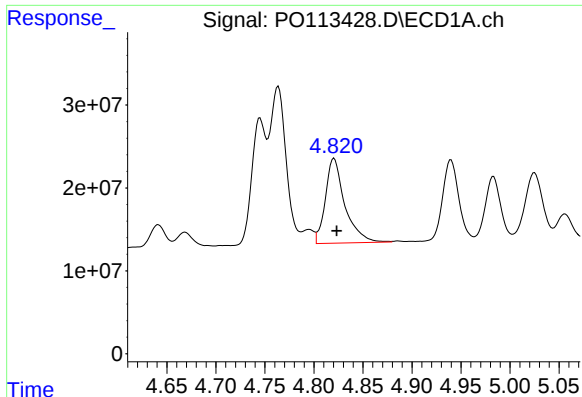
#4 AR-1016-2

R.T.: 4.764 min  
Delta R.T.: -0.003 min  
Response: 220490321  
Conc: 549.26 ng/ml



#4 AR-1016-2

R.T.: 4.744 min  
Delta R.T.: -0.003 min  
Response: 132503287  
Conc: 514.26 ng/ml



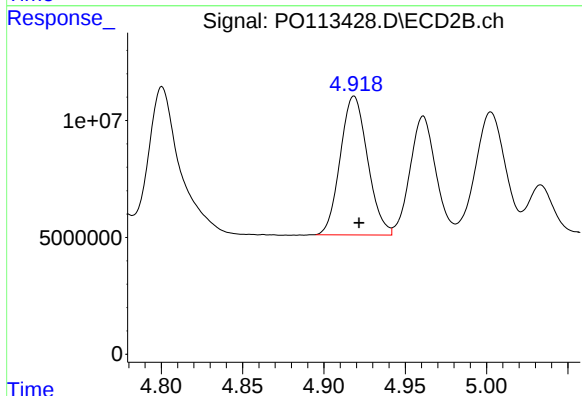
#5 AR-1016-3

R.T.: 4.821 min  
Delta R.T.: -0.003 min  
Response: 141072105  
Conc: 553.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

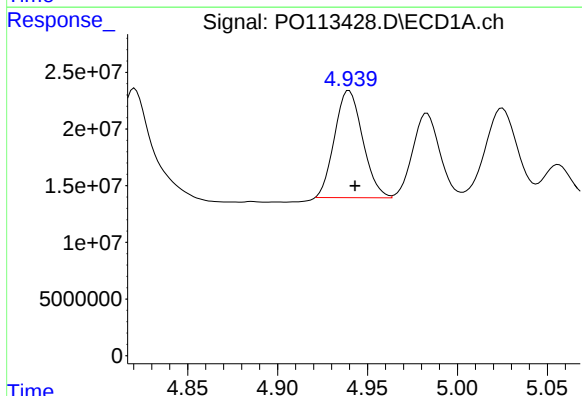
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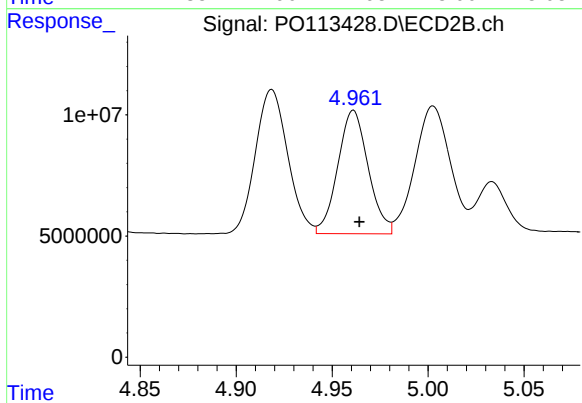
#5 AR-1016-3

R.T.: 4.919 min  
Delta R.T.: -0.003 min  
Response: 69481867  
Conc: 497.67 ng/ml



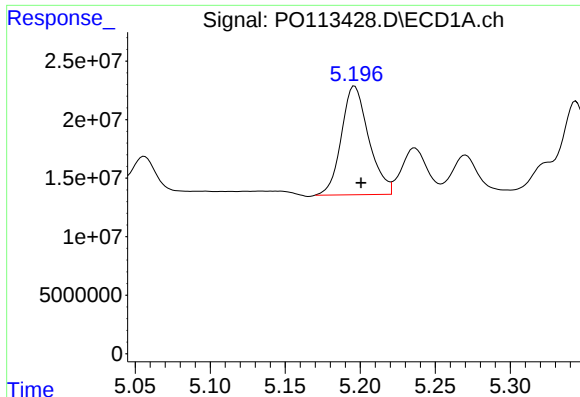
#6 AR-1016-4

R.T.: 4.940 min  
Delta R.T.: -0.003 min  
Response: 102924922  
Conc: 471.99 ng/ml



#6 AR-1016-4

R.T.: 4.961 min  
Delta R.T.: -0.003 min  
Response: 56366840  
Conc: 483.01 ng/ml



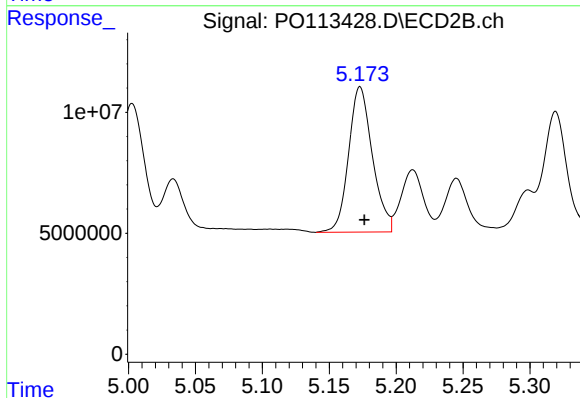
#7 AR-1016-5

R.T.: 5.196 min  
Delta R.T.: -0.004 min  
Response: 117890366  
Conc: 531.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

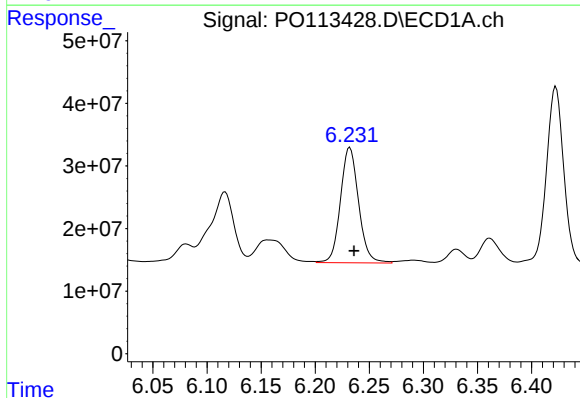
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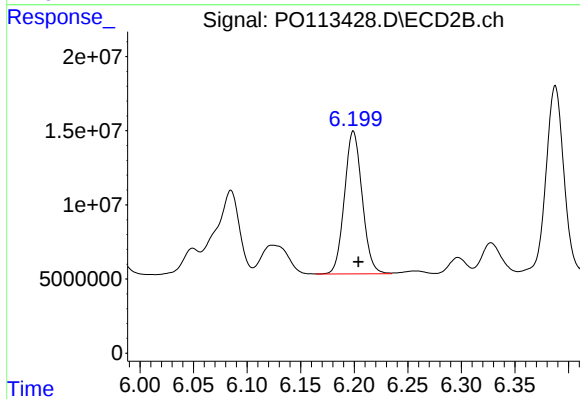
#7 AR-1016-5

R.T.: 5.173 min  
Delta R.T.: -0.003 min  
Response: 74462965  
Conc: 522.44 ng/ml



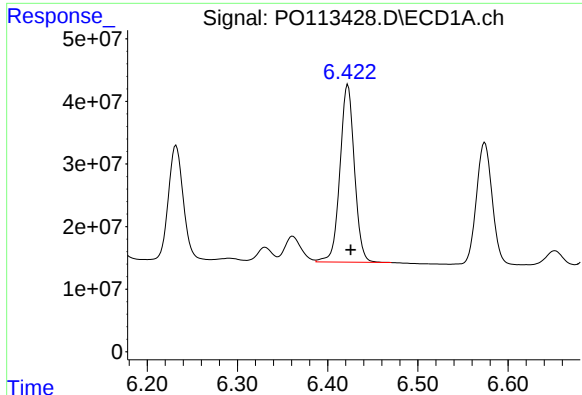
#31 AR-1260-1

R.T.: 6.232 min  
Delta R.T.: -0.004 min  
Response: 215488760  
Conc: 483.18 ng/ml



#31 AR-1260-1

R.T.: 6.199 min  
Delta R.T.: -0.005 min  
Response: 110856824  
Conc: 434.62 ng/ml



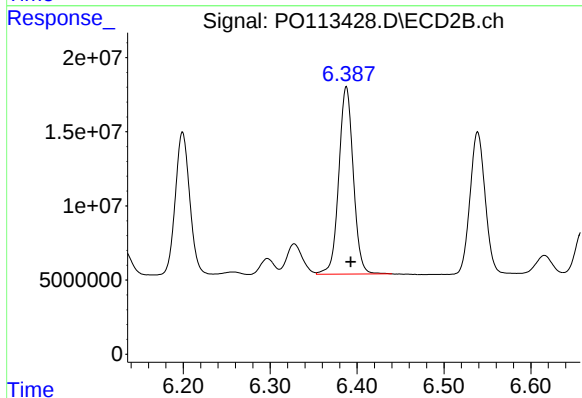
#32 AR-1260-2

R.T.: 6.422 min  
Delta R.T.: -0.003 min  
Response: 316115183  
Conc: 460.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

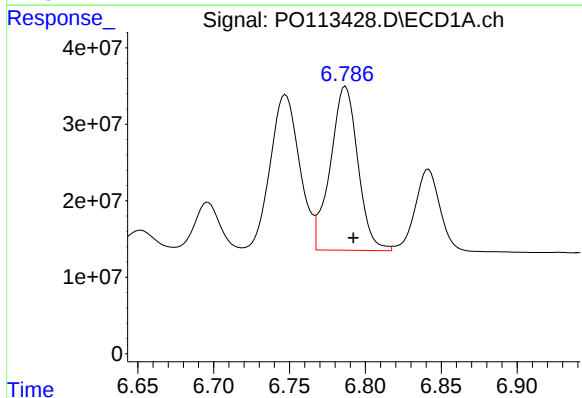
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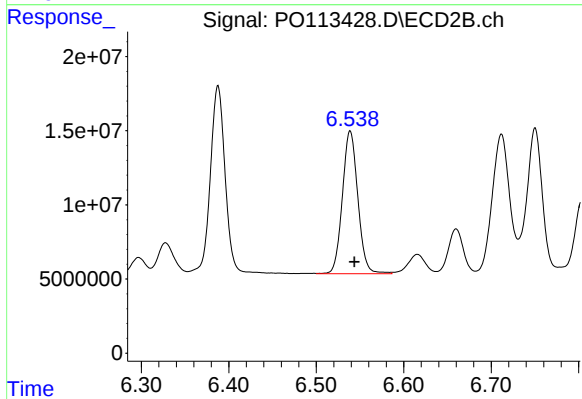
#32 AR-1260-2

R.T.: 6.388 min  
Delta R.T.: -0.005 min  
Response: 146425641  
Conc: 423.55 ng/ml



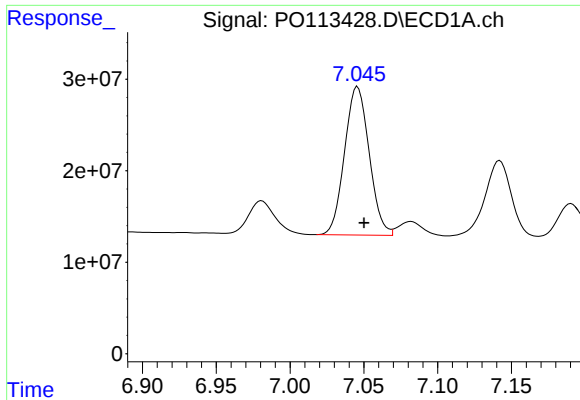
#33 AR-1260-3

R.T.: 6.787 min  
Delta R.T.: -0.005 min  
Response: 271368143  
Conc: 439.48 ng/ml



#33 AR-1260-3

R.T.: 6.538 min  
Delta R.T.: -0.005 min  
Response: 118380501  
Conc: 398.01 ng/ml m



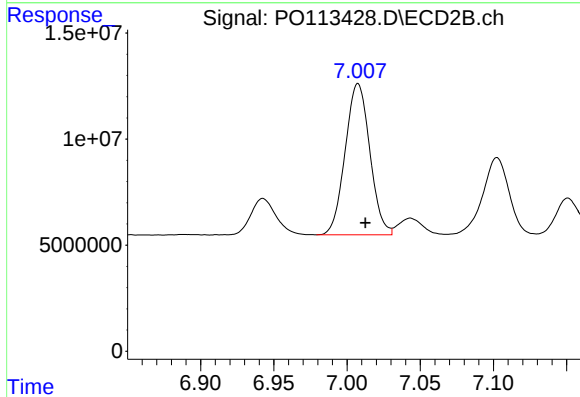
#34 AR-1260-4

R.T.: 7.046 min  
Delta R.T.: -0.004 min  
Response: 188349548  
Conc: 420.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

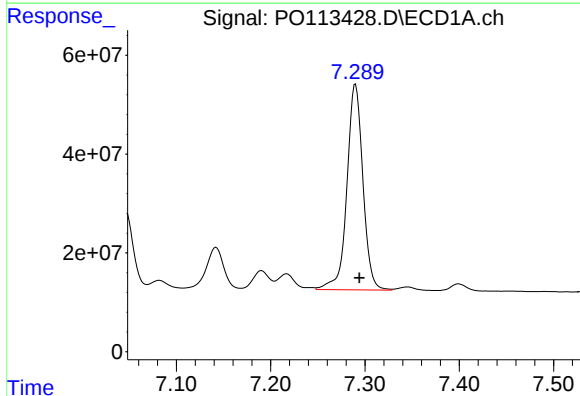
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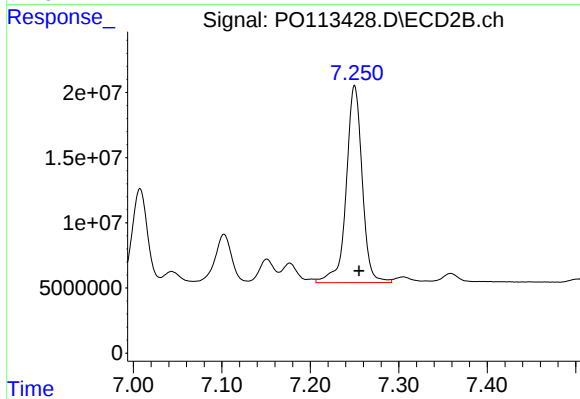
#34 AR-1260-4

R.T.: 7.008 min  
Delta R.T.: -0.005 min  
Response: 83710574  
Conc: 403.91 ng/ml



#35 AR-1260-5

R.T.: 7.290 min  
Delta R.T.: -0.004 min  
Response: 491131721  
Conc: 405.66 ng/ml



#35 AR-1260-5

R.T.: 7.250 min  
Delta R.T.: -0.006 min  
Response: 189568844  
Conc: 404.69 ng/ml m