

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071025\  
 Data File : P0112196.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2025 17:18  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025  
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 22:54:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0070825.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 09 10:50:50 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...          | 3.672 | 3.664 | 584.8E6 | 362.1E6  | 59.104  | 56.840   |
| 2) SA Decachlor...          | 8.701 | 8.648 | 265.1E6 | 77297008 | 38.772  | 44.850   |
| Target Compounds            |       |       |         |          |         |          |
| 3) L1 AR-1016-1             | 4.759 | 4.740 | 190.5E6 | 119.7E6  | 560.038 | 537.019m |
| 4) L1 AR-1016-2             | 4.777 | 4.759 | 278.7E6 | 169.5E6  | 560.418 | 515.100m |
| 5) L1 AR-1016-3             | 4.834 | 4.934 | 175.9E6 | 90261271 | 543.316 | 531.365  |
| 6) L1 AR-1016-4             | 4.954 | 4.977 | 143.4E6 | 70750145 | 558.408 | 515.568  |
| 7) L1 AR-1016-5             | 5.212 | 5.188 | 146.9E6 | 95694223 | 536.861 | 554.909m |
| 31) L7 AR-1260-1            | 6.249 | 6.218 | 238.4E6 | 129.9E6  | 475.630 | 462.915  |
| 32) L7 AR-1260-2            | 6.439 | 6.406 | 305.5E6 | 156.3E6  | 413.923 | 459.684  |
| 33) L7 AR-1260-3            | 6.805 | 6.558 | 266.4E6 | 124.7E6  | 406.476 | 452.360m |
| 34) L7 AR-1260-4            | 7.064 | 7.027 | 205.4E6 | 84303611 | 472.018 | 420.163m |
| 35) L7 AR-1260-5            | 7.308 | 7.269 | 543.7E6 | 193.7E6  | 430.669 | 432.605  |
| -----                       |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO071025\  
Data File : PO112196.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2025 17:18  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

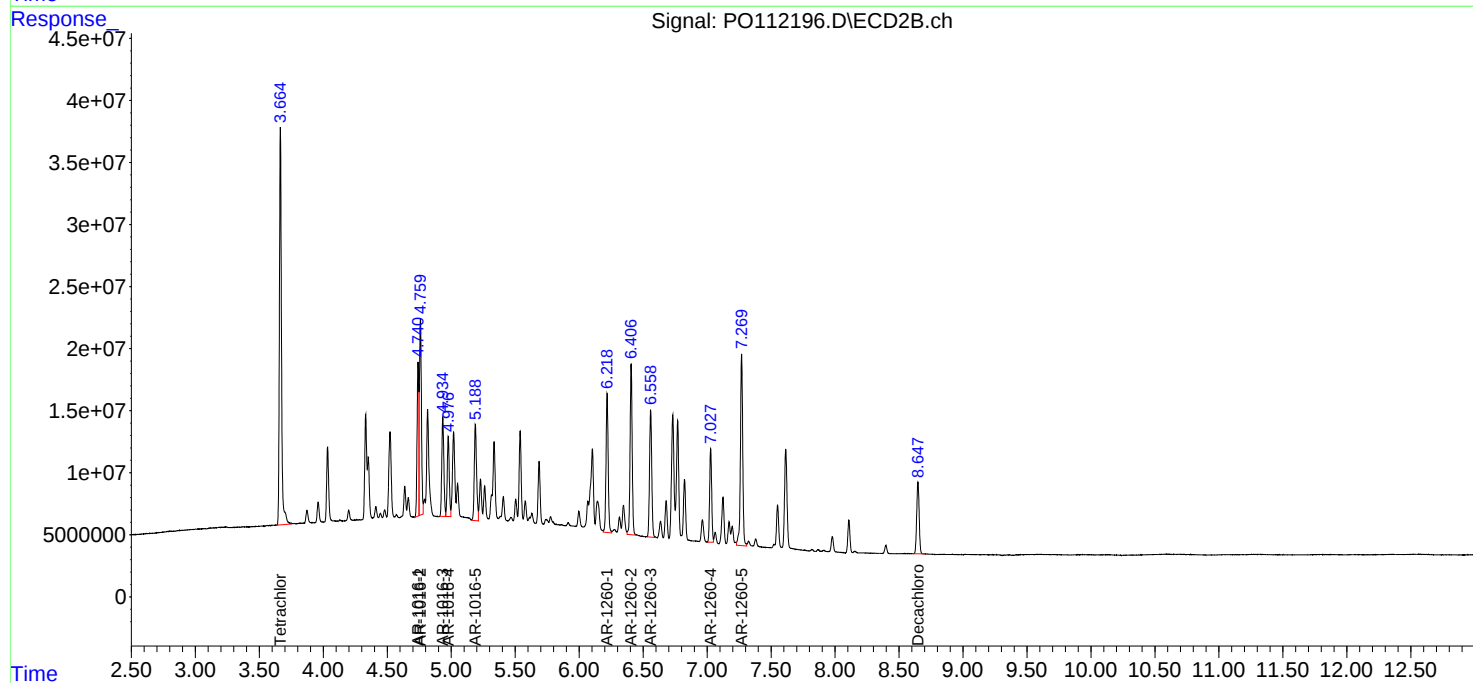
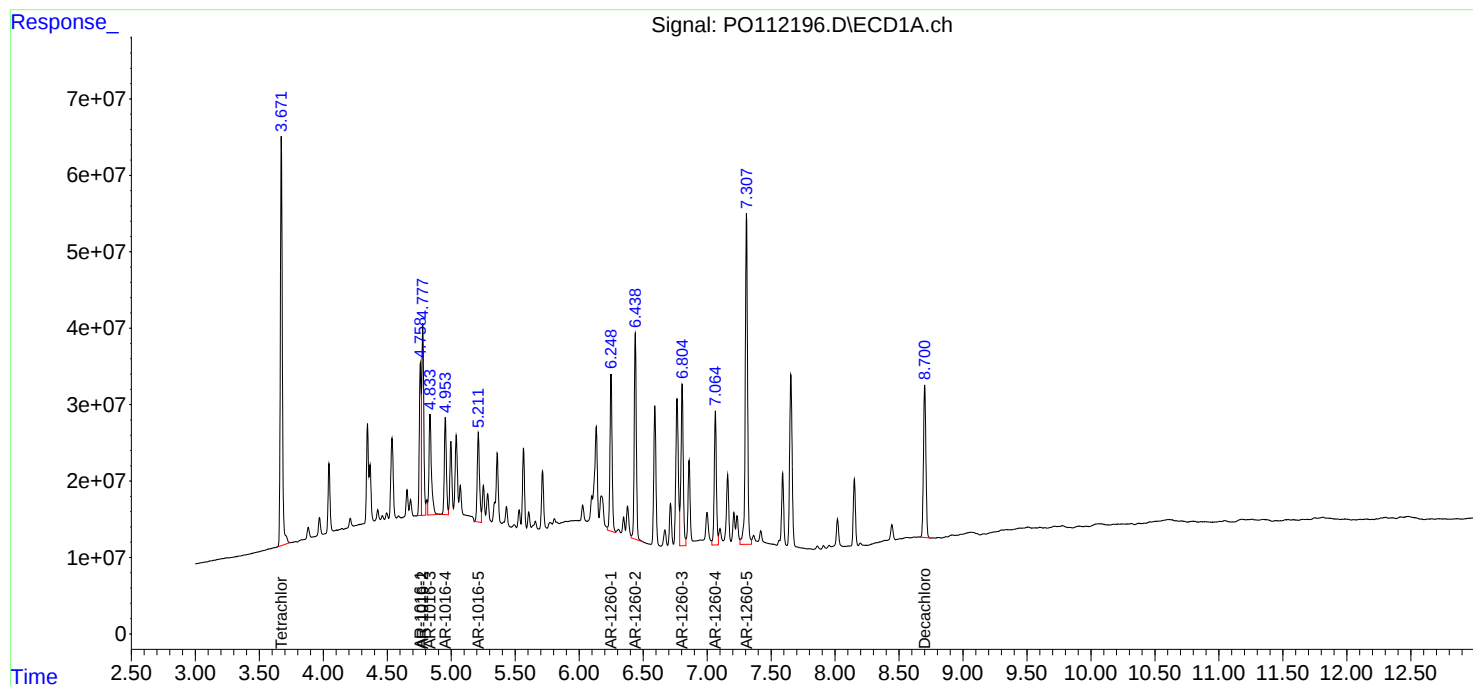
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

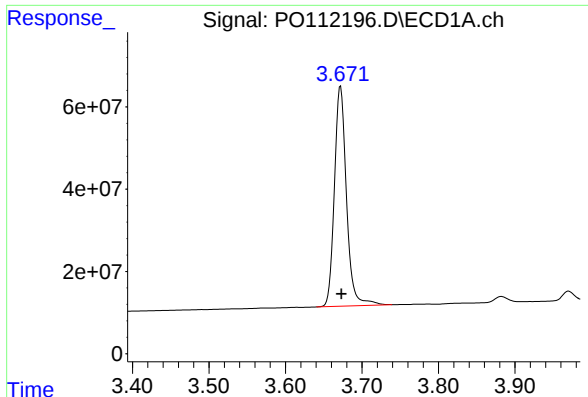
Manual Integrations  
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Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 22:54:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO070825.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 09 10:50:50 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





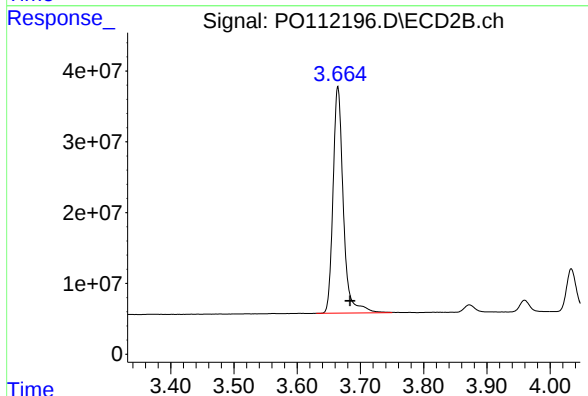
#1 Tetrachloro-m-xylene

R.T.: 3.672 min  
Delta R.T.: -0.001 min  
Response: 584814097  
Conc: 59.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

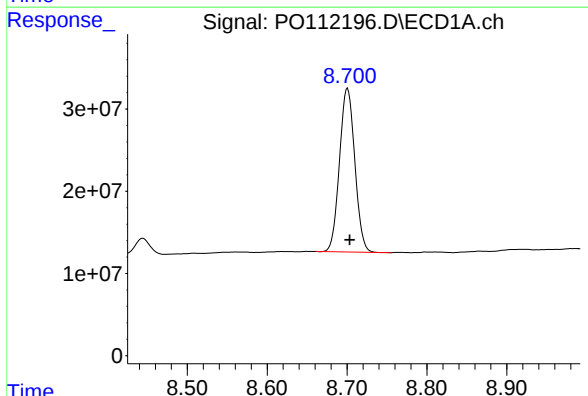
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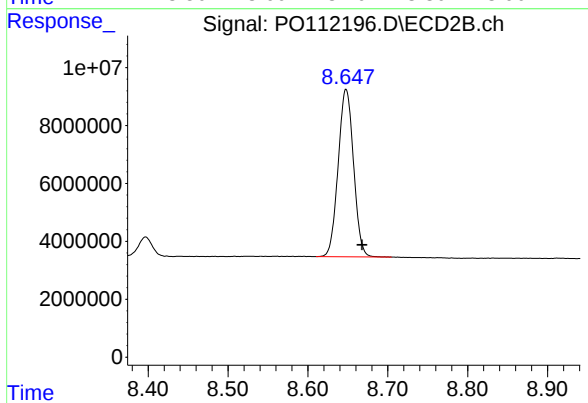
#1 Tetrachloro-m-xylene

R.T.: 3.664 min  
Delta R.T.: -0.019 min  
Response: 362129502  
Conc: 56.84 ng/ml



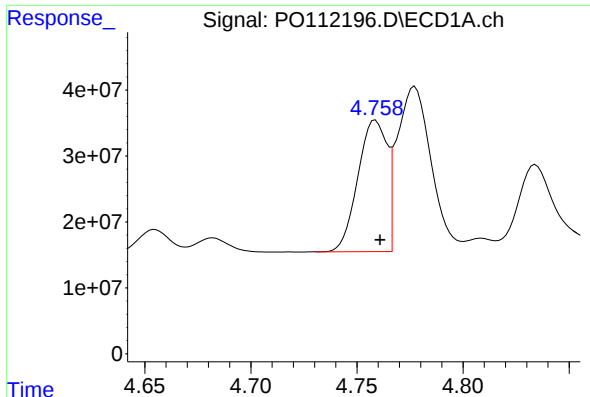
#2 Decachlorobiphenyl

R.T.: 8.701 min  
Delta R.T.: -0.003 min  
Response: 265087437  
Conc: 38.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.648 min  
Delta R.T.: -0.020 min  
Response: 77297008  
Conc: 44.85 ng/ml



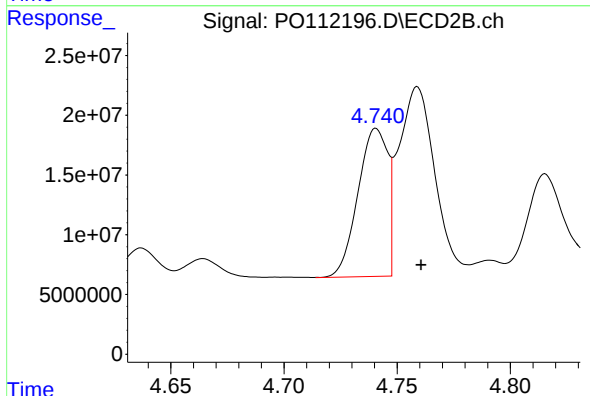
#3 AR-1016-1

R.T.: 4.759 min  
Delta R.T.: -0.002 min  
Response: 190481643  
Conc: 560.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

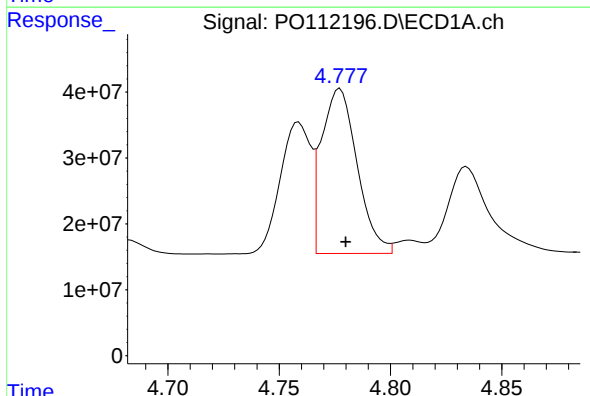
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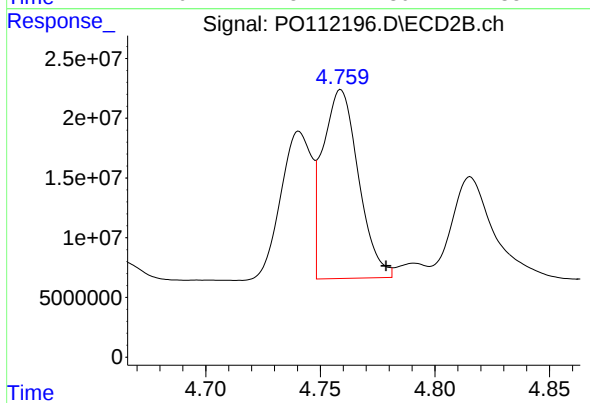
#3 AR-1016-1

R.T.: 4.740 min  
Delta R.T.: -0.020 min  
Response: 119666330  
Conc: 537.02 ng/ml m



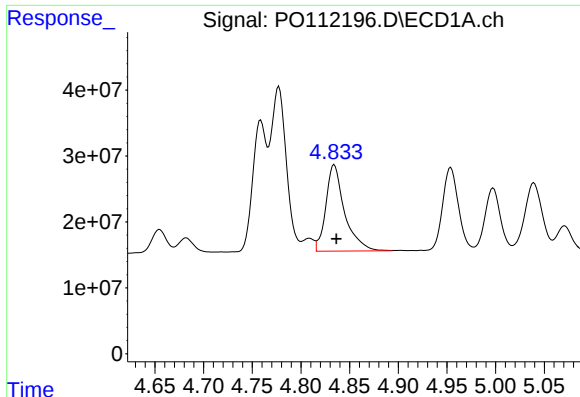
#4 AR-1016-2

R.T.: 4.777 min  
Delta R.T.: -0.003 min  
Response: 278691308  
Conc: 560.42 ng/ml



#4 AR-1016-2

R.T.: 4.759 min  
Delta R.T.: -0.020 min  
Response: 169518128  
Conc: 515.10 ng/ml m



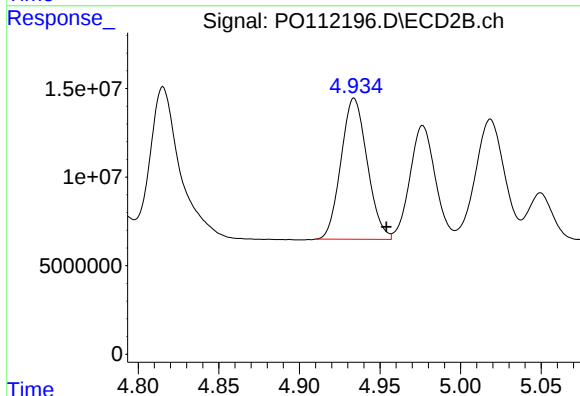
#5 AR-1016-3

R.T.: 4.834 min  
Delta R.T.: -0.002 min  
Response: 175878960  
Conc: 543.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

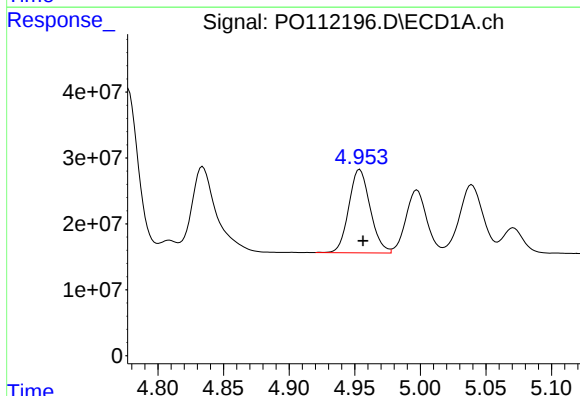
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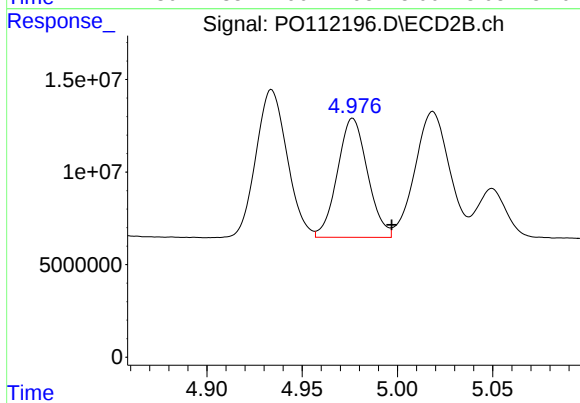
#5 AR-1016-3

R.T.: 4.934 min  
Delta R.T.: -0.020 min  
Response: 90261271  
Conc: 531.36 ng/ml



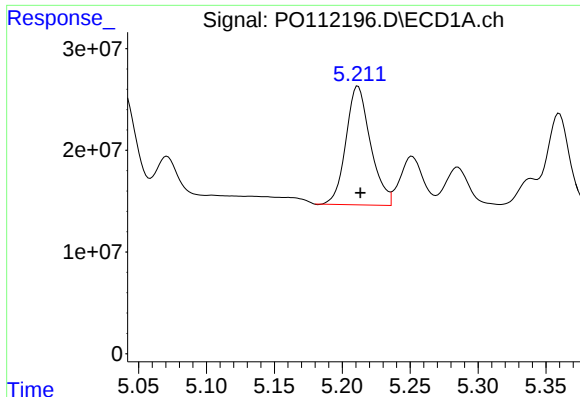
#6 AR-1016-4

R.T.: 4.954 min  
Delta R.T.: -0.003 min  
Response: 143398858  
Conc: 558.41 ng/ml



#6 AR-1016-4

R.T.: 4.977 min  
Delta R.T.: -0.020 min  
Response: 70750145  
Conc: 515.57 ng/ml



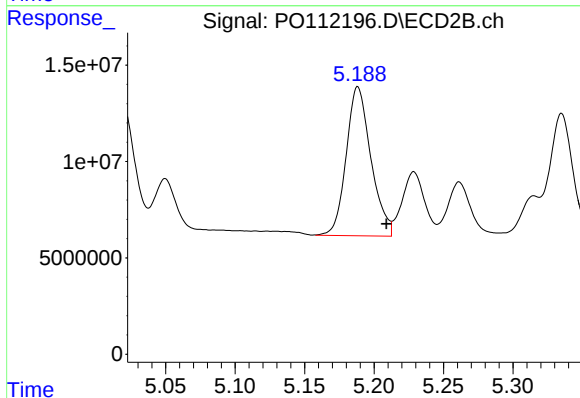
#7 AR-1016-5

R.T.: 5.212 min  
Delta R.T.: -0.002 min  
Response: 146918392  
Conc: 536.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

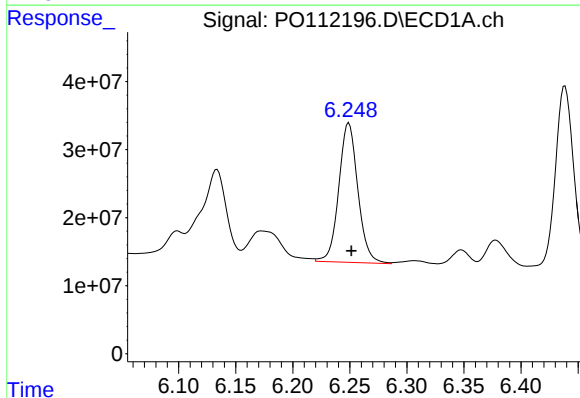
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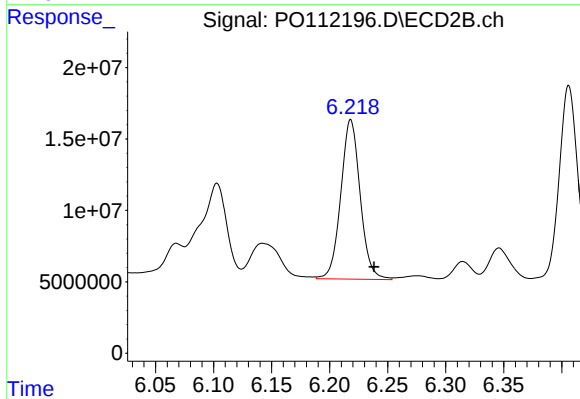
#7 AR-1016-5

R.T.: 5.188 min  
Delta R.T.: -0.021 min  
Response: 95694223  
Conc: 554.91 ng/ml m



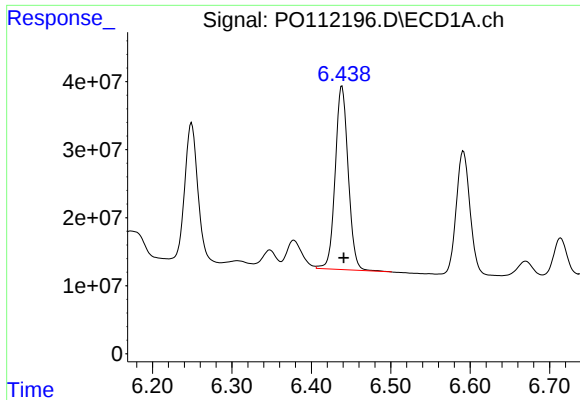
#31 AR-1260-1

R.T.: 6.249 min  
Delta R.T.: -0.002 min  
Response: 238404055  
Conc: 475.63 ng/ml



#31 AR-1260-1

R.T.: 6.218 min  
Delta R.T.: -0.020 min  
Response: 129876474  
Conc: 462.92 ng/ml



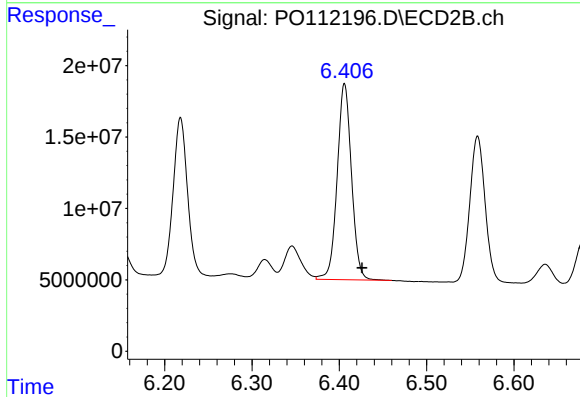
#32 AR-1260-2

R.T.: 6.439 min  
Delta R.T.: -0.002 min  
Response: 305530920  
Conc: 413.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

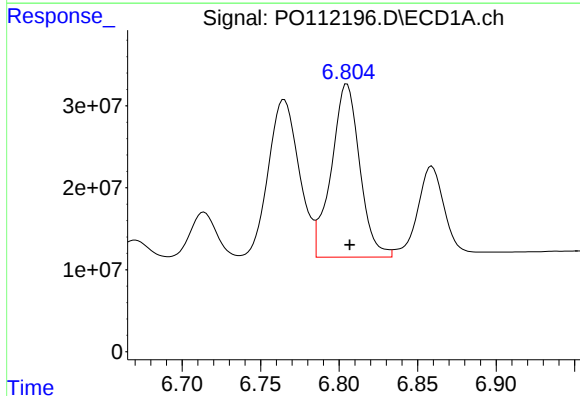
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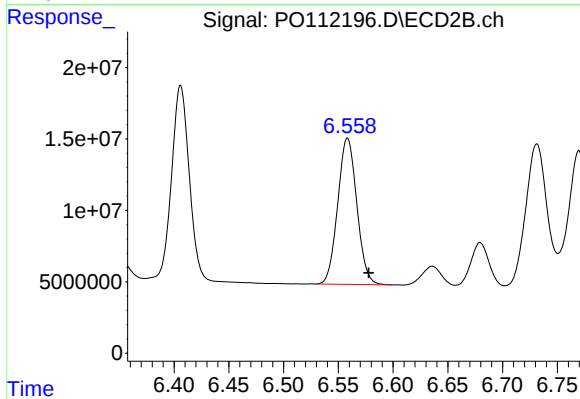
#32 AR-1260-2

R.T.: 6.406 min  
Delta R.T.: -0.020 min  
Response: 156291001  
Conc: 459.68 ng/ml



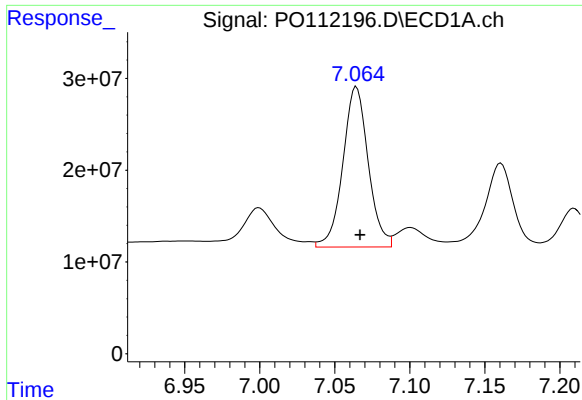
#33 AR-1260-3

R.T.: 6.805 min  
Delta R.T.: -0.002 min  
Response: 266437364  
Conc: 406.48 ng/ml



#33 AR-1260-3

R.T.: 6.558 min  
Delta R.T.: -0.020 min  
Response: 124664237  
Conc: 452.36 ng/ml m



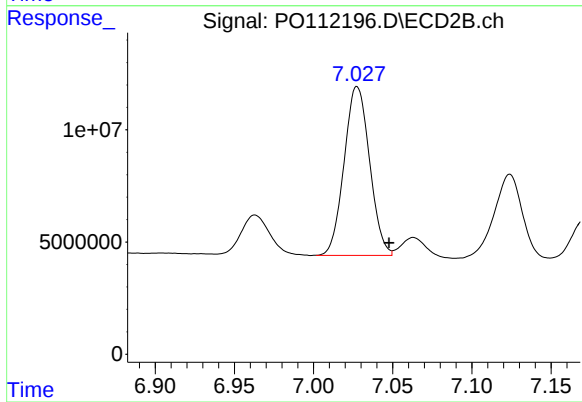
#34 AR-1260-4

R.T.: 7.064 min  
Delta R.T.: -0.002 min  
Response: 205444636  
Conc: 472.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

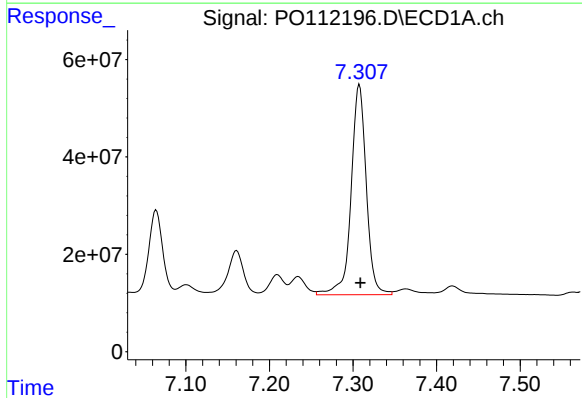
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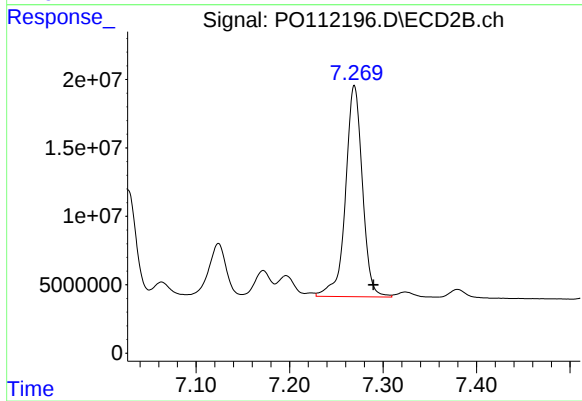
#34 AR-1260-4

R.T.: 7.027 min  
Delta R.T.: -0.021 min  
Response: 84303611  
Conc: 420.16 ng/ml m



#35 AR-1260-5

R.T.: 7.308 min  
Delta R.T.: -0.001 min  
Response: 543736027  
Conc: 430.67 ng/ml



#35 AR-1260-5

R.T.: 7.269 min  
Delta R.T.: -0.020 min  
Response: 193689693  
Conc: 432.61 ng/ml