

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO120125\  
 Data File : PO115500.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Dec 2025 05:07  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 99 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 12/02/2025  
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 02 06:24:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110425.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 05 06:00:07 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...          | 4.338 | 3.640 | 406.6E6  | 236.4E6  | 57.776   | 52.933    |
| 2) SA Decachlor...          | 9.917 | 8.624 | 258.4E6  | 208.9E6  | 58.460m  | 53.516    |
| Target Compounds            |       |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.476 | 4.715 | 125.3E6  | 85290464 | 509.138m | 448.294m  |
| 4) L1 AR-1016-2             | 5.497 | 4.735 | 188.2E6  | 125.7E6  | 473.995m | 463.929   |
| 5) L1 AR-1016-3             | 5.558 | 4.908 | 113.2E6  | 69776408 | 507.530m | 471.548m  |
| 6) L1 AR-1016-4             | 5.655 | 4.949 | 93841403 | 35667740 | 496.844m | 303.768m# |
| 7) L1 AR-1016-5             | 5.946 | 5.163 | 88616138 | 65032995 | 497.293m | 425.850m  |
| 31) L7 AR-1260-1            | 7.060 | 6.191 | 141.8E6  | 124.9E6  | 463.917m | 421.851m  |
| 32) L7 AR-1260-2            | 7.314 | 6.379 | 205.7E6  | 173.9E6  | 519.545m | 404.472m  |
| 33) L7 AR-1260-3            | 7.671 | 6.532 | 164.0E6  | 145.1E6  | 494.238m | 413.187m  |
| 34) L7 AR-1260-4            | 7.893 | 7.003 | 145.1E6  | 122.1E6  | 475.827m | 403.021   |
| 35) L7 AR-1260-5            | 8.200 | 7.244 | 346.9E6  | 341.1E6  | 486.368  | 415.132   |
| -----                       |       |       |          |          |          |           |

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Dec 2025 05:07  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 99 Sample Multiplier: 1

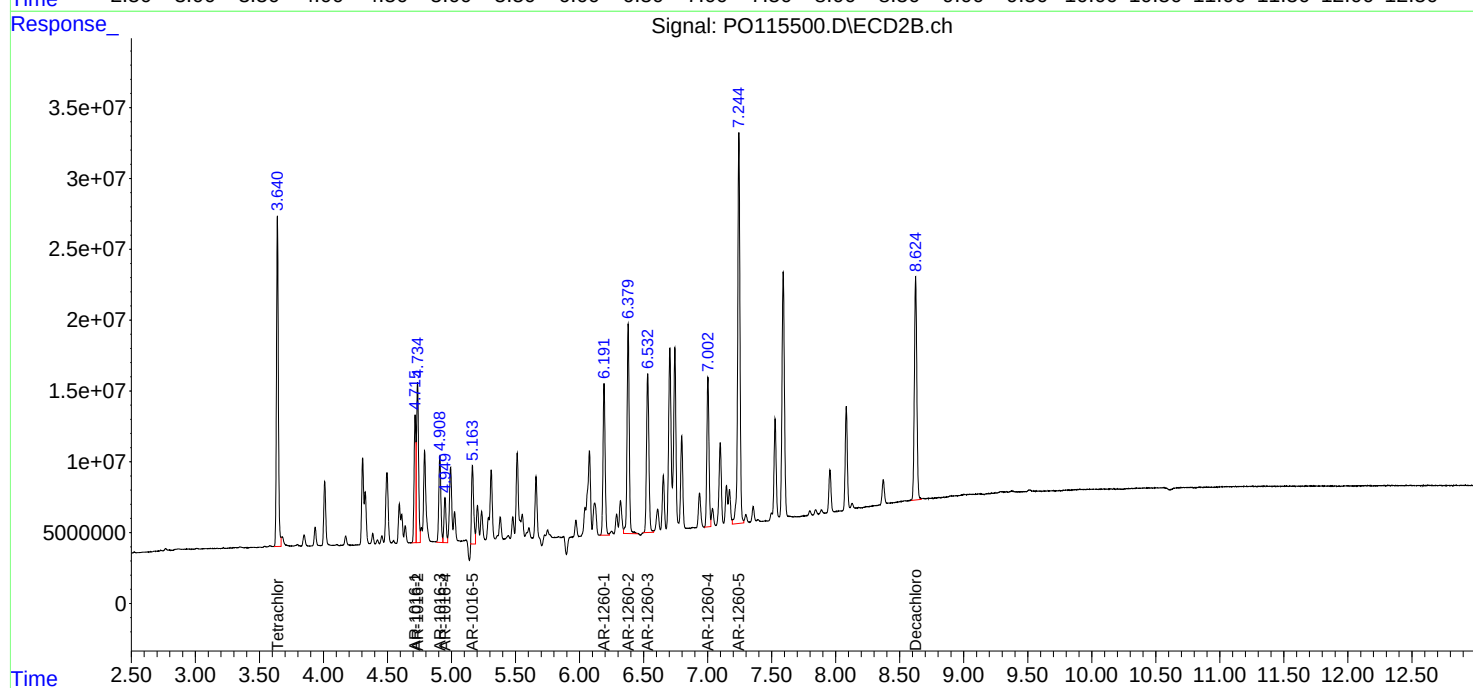
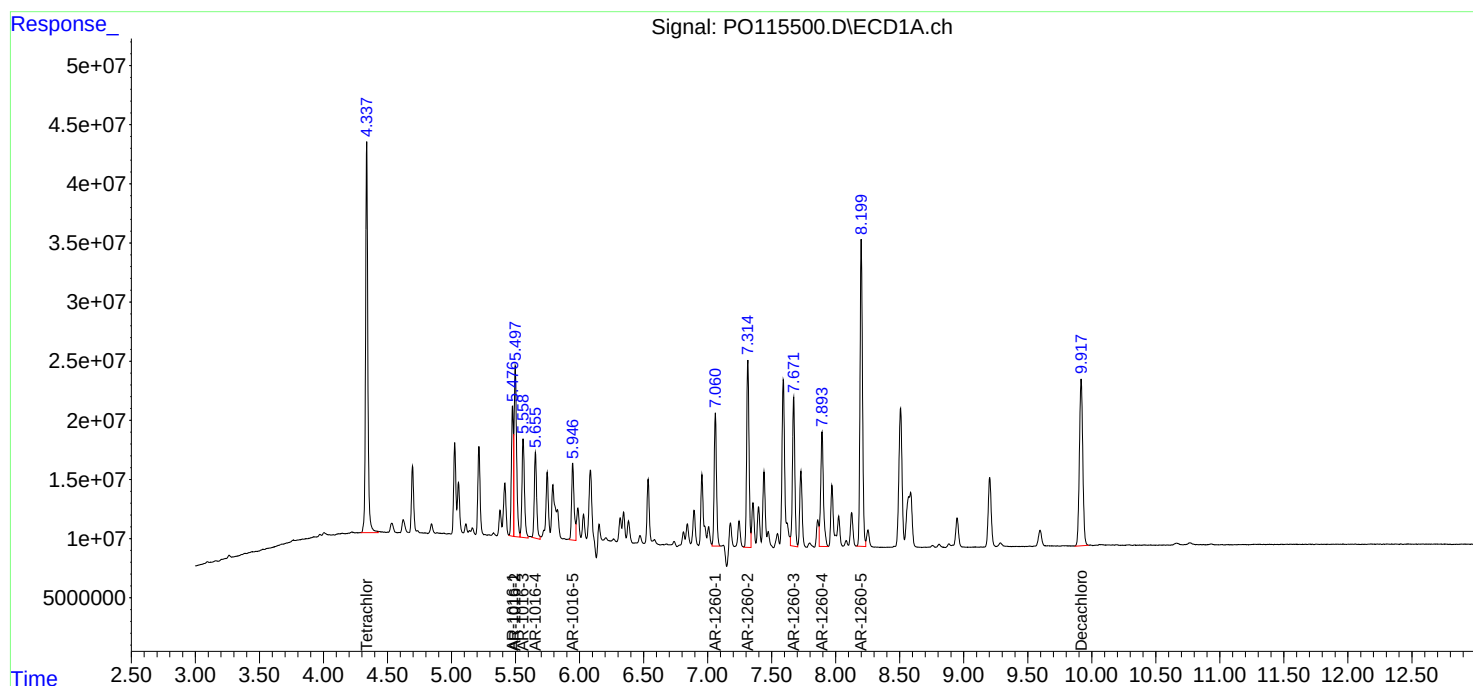
Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

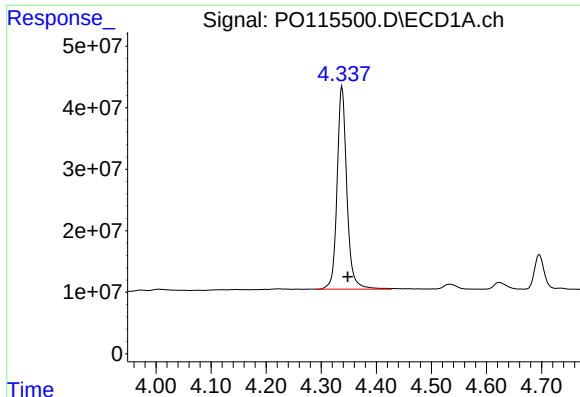
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 02 06:24:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110425.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 05 06:00:07 2025  
Response via : Initial Calibration  
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Volume Inj. : 2 µl  
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





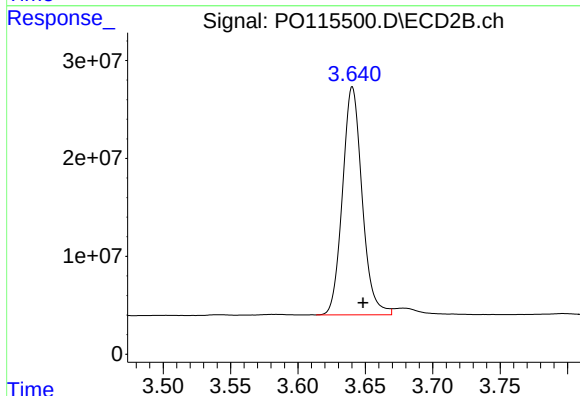
#1 Tetrachloro-m-xylene

R.T.: 4.338 min  
Delta R.T.: -0.010 min  
Response: 406637666  
Conc: 57.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

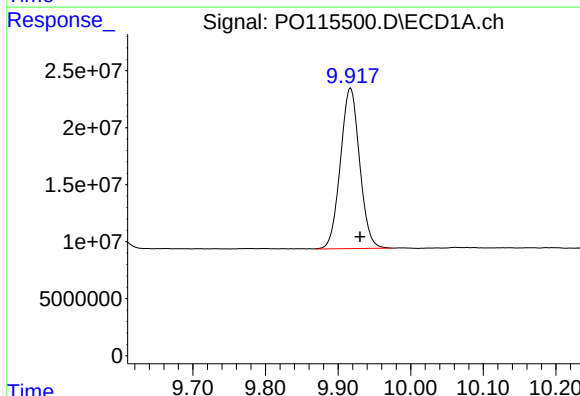
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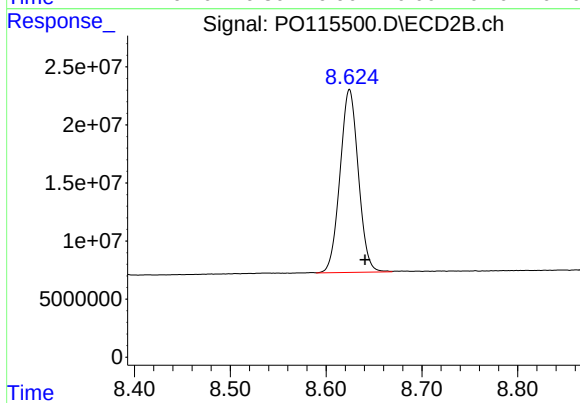
#1 Tetrachloro-m-xylene

R.T.: 3.640 min  
Delta R.T.: -0.008 min  
Response: 236438672  
Conc: 52.93 ng/ml



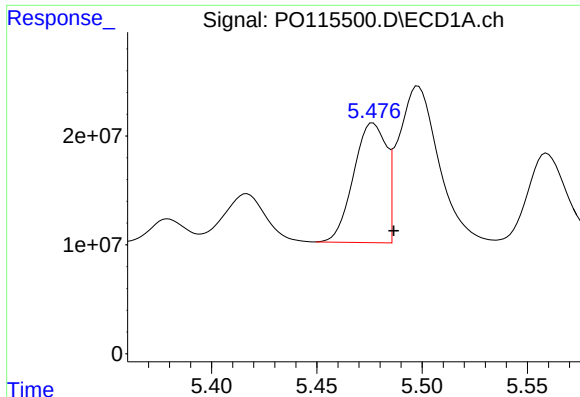
#2 Decachlorobiphenyl

R.T.: 9.917 min  
Delta R.T.: -0.014 min  
Response: 258408661  
Conc: 58.46 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.624 min  
Delta R.T.: -0.016 min  
Response: 208915532  
Conc: 53.52 ng/ml



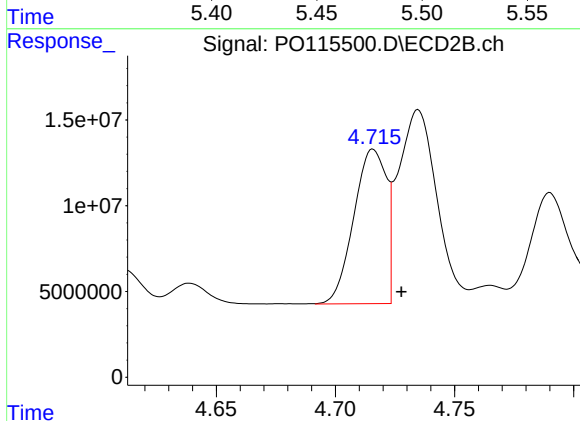
#3 AR-1016-1

R.T.: 5.476 min  
Delta R.T.: -0.011 min  
Response: 125258200  
Conc: 509.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

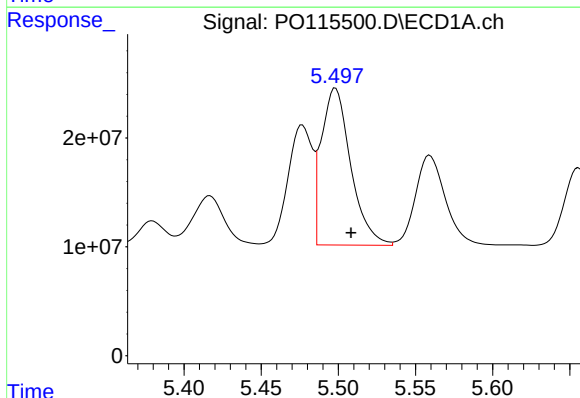
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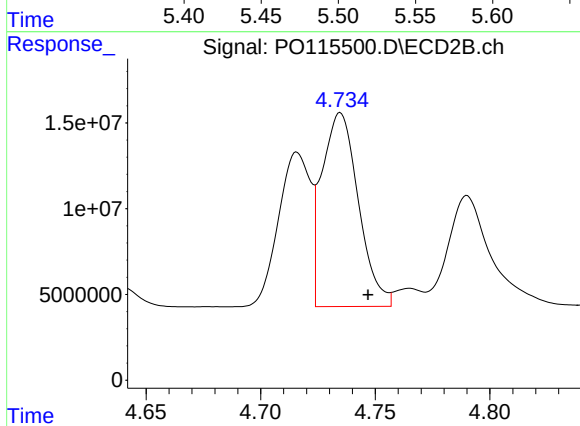
#3 AR-1016-1

R.T.: 4.715 min  
Delta R.T.: -0.012 min  
Response: 85290464  
Conc: 448.29 ng/ml m



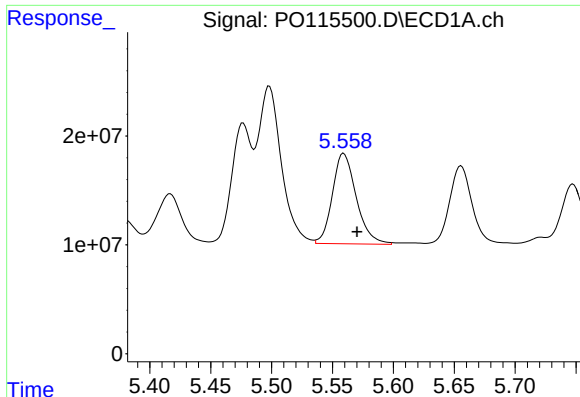
#4 AR-1016-2

R.T.: 5.497 min  
Delta R.T.: -0.011 min  
Response: 188209529  
Conc: 473.99 ng/ml m



#4 AR-1016-2

R.T.: 4.735 min  
Delta R.T.: -0.012 min  
Response: 125661990  
Conc: 463.93 ng/ml



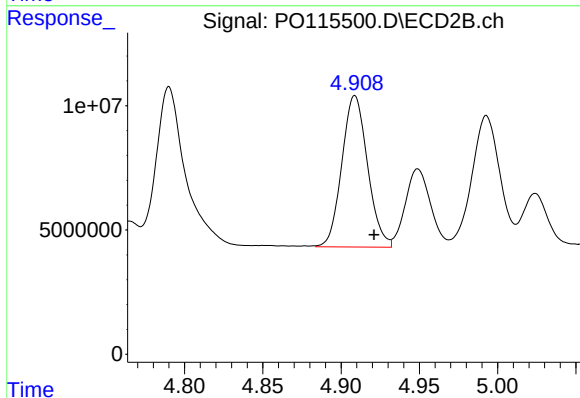
#5 AR-1016-3

R.T.: 5.558 min  
Delta R.T.: -0.012 min  
Response: 113179705  
Conc: 507.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

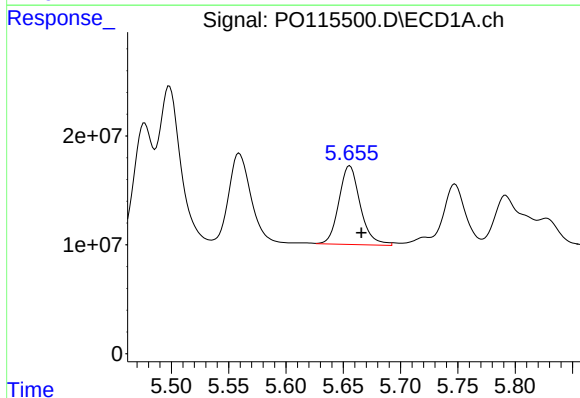
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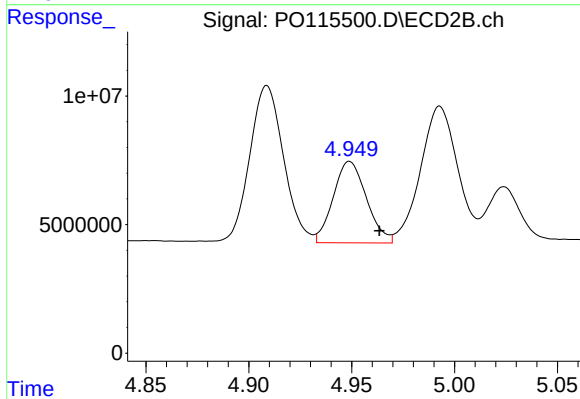
#5 AR-1016-3

R.T.: 4.908 min  
Delta R.T.: -0.013 min  
Response: 69776408  
Conc: 471.55 ng/ml m



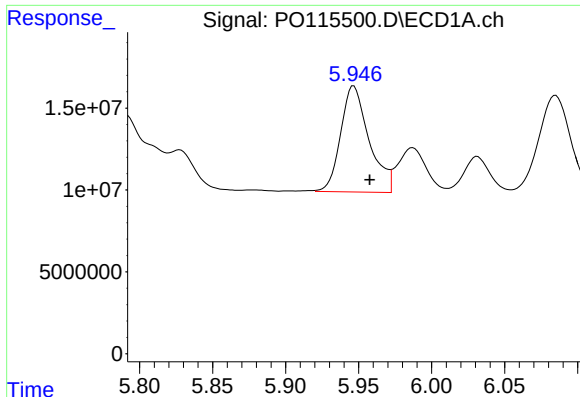
#6 AR-1016-4

R.T.: 5.655 min  
Delta R.T.: -0.011 min  
Response: 93841403  
Conc: 496.84 ng/ml m



#6 AR-1016-4

R.T.: 4.949 min  
Delta R.T.: -0.015 min  
Response: 35667740  
Conc: 303.77 ng/ml m



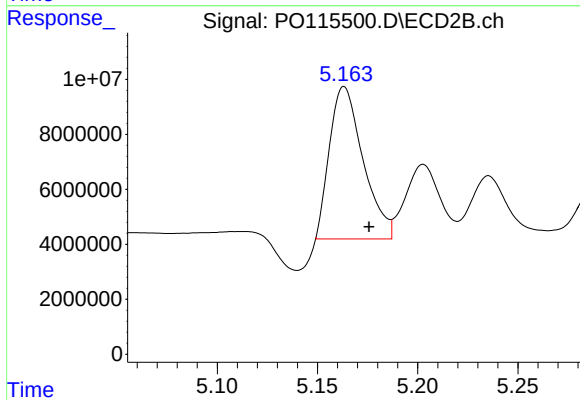
#7 AR-1016-5

R.T.: 5.946 min  
Delta R.T.: -0.012 min  
Response: 88616138  
Conc: 497.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

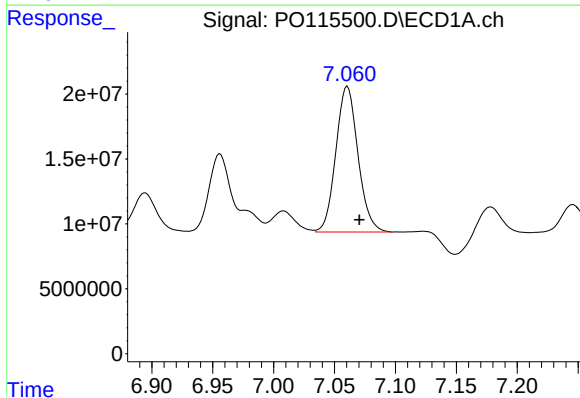
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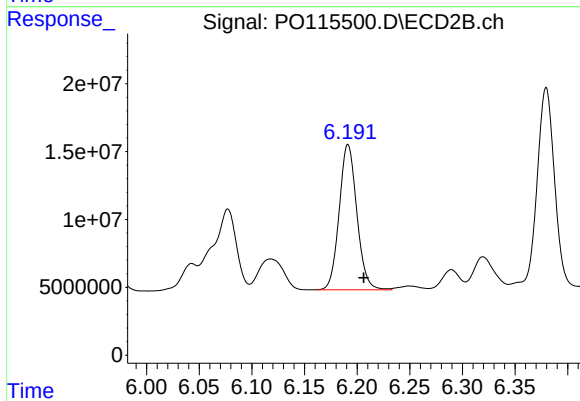
#7 AR-1016-5

R.T.: 5.163 min  
Delta R.T.: -0.013 min  
Response: 65032995  
Conc: 425.85 ng/ml m



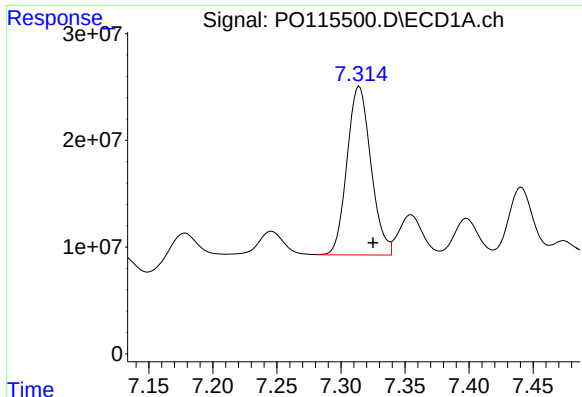
#31 AR-1260-1

R.T.: 7.060 min  
Delta R.T.: -0.011 min  
Response: 141788533  
Conc: 463.92 ng/ml m



#31 AR-1260-1

R.T.: 6.191 min  
Delta R.T.: -0.015 min  
Response: 124913111  
Conc: 421.85 ng/ml m



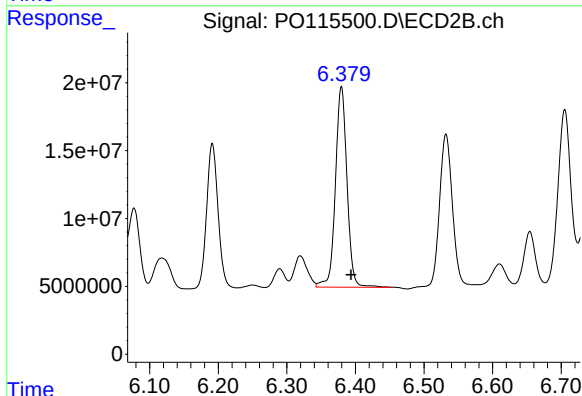
#32 AR-1260-2

R.T.: 7.314 min  
Delta R.T.: -0.011 min  
Response: 205675842  
Conc: 519.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

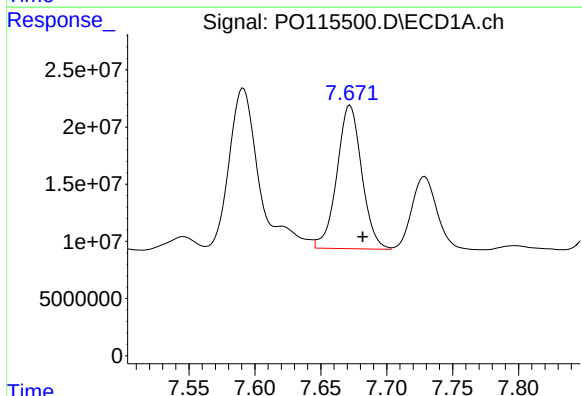
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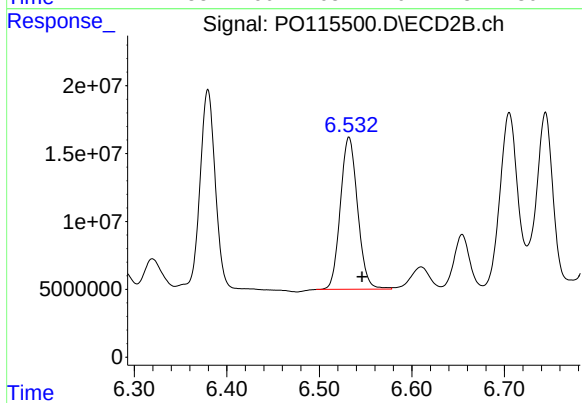
#32 AR-1260-2

R.T.: 6.379 min  
Delta R.T.: -0.014 min  
Response: 173935451  
Conc: 404.47 ng/ml m



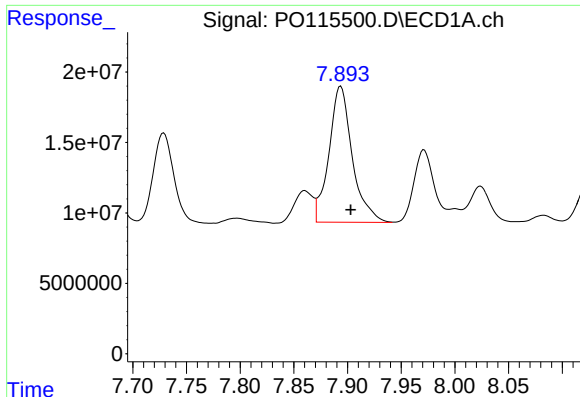
#33 AR-1260-3

R.T.: 7.671 min  
Delta R.T.: -0.010 min  
Response: 163997190  
Conc: 494.24 ng/ml m



#33 AR-1260-3

R.T.: 6.532 min  
Delta R.T.: -0.015 min  
Response: 145091070  
Conc: 413.19 ng/ml m



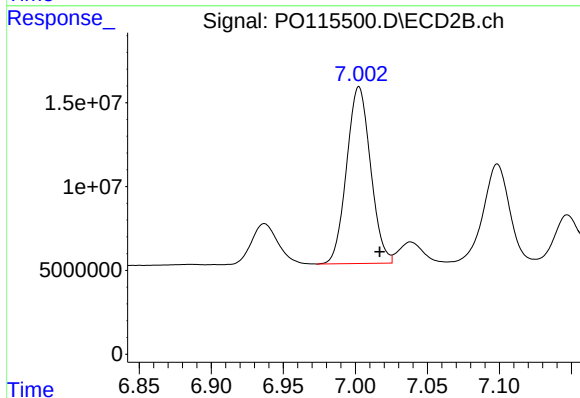
#34 AR-1260-4

R.T.: 7.893 min  
Delta R.T.: -0.010 min  
Response: 145136712  
Conc: 475.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

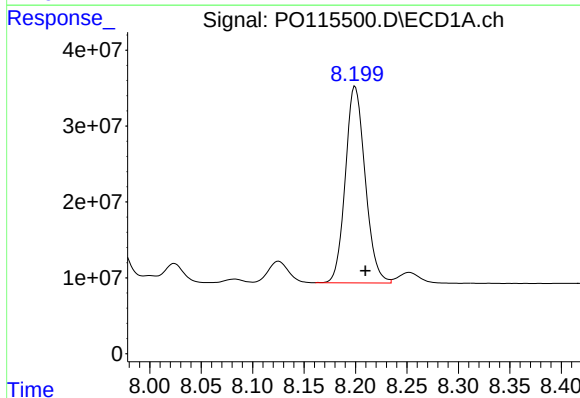
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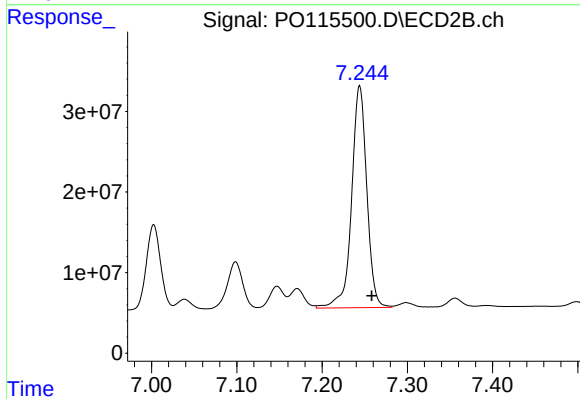
#34 AR-1260-4

R.T.: 7.003 min  
Delta R.T.: -0.014 min  
Response: 122127057  
Conc: 403.02 ng/ml



#35 AR-1260-5

R.T.: 8.200 min  
Delta R.T.: -0.010 min  
Response: 346886822  
Conc: 486.37 ng/ml



#35 AR-1260-5

R.T.: 7.244 min  
Delta R.T.: -0.014 min  
Response: 341084144  
Conc: 415.13 ng/ml