

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081624\  
 Data File : PQ067997.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2024 09:16  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/16/2024  
 Supervised By :Ankita Jodhani 08/16/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 04:36:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080524.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 09 02:37:44 2024  
 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...          | 3.461 | 2.825 | 287.2E6  | 315.4E6  | 48.403   | 49.732  |
| 2) SA Decachlor...          | 8.755 | 7.606 | 202.0E6  | 280.4E6  | 52.420   | 49.755  |
| Target Compounds            |       |       |          |          |          |         |
| 3) L1 AR-1016-1             | 4.578 | 3.832 | 86207838 | 97733992 | 521.559  | 554.501 |
| 4) L1 AR-1016-2             | 4.597 | 3.848 | 143.7E6  | 157.3E6  | 488.071  | 539.370 |
| 5) L1 AR-1016-3             | 4.655 | 4.009 | 89793112 | 85538038 | 470.428  | 543.352 |
| 6) L1 AR-1016-4             | 4.748 | 4.057 | 73492393 | 75539000 | 488.503  | 508.334 |
| 7) L1 AR-1016-5             | 5.039 | 4.254 | 71846389 | 88983603 | 491.545  | 520.174 |
| 31) L7 AR-1260-1            | 6.163 | 5.251 | 134.3E6  | 169.2E6  | 490.005  | 498.000 |
| 32) L7 AR-1260-2            | 6.429 | 5.441 | 165.8E6  | 200.5E6  | 514.326m | 512.106 |
| 33) L7 AR-1260-3            | 6.791 | 5.582 | 104.8E6  | 191.5E6  | 457.778  | 509.719 |
| 34) L7 AR-1260-4            | 7.012 | 6.045 | 127.5E6  | 146.5E6  | 499.793m | 506.316 |
| 35) L7 AR-1260-5            | 7.334 | 6.290 | 234.9E6  | 316.7E6  | 530.644  | 531.576 |
| -----                       |       |       |          |          |          |         |

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

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Acq On : 15 Aug 2024 09:16  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

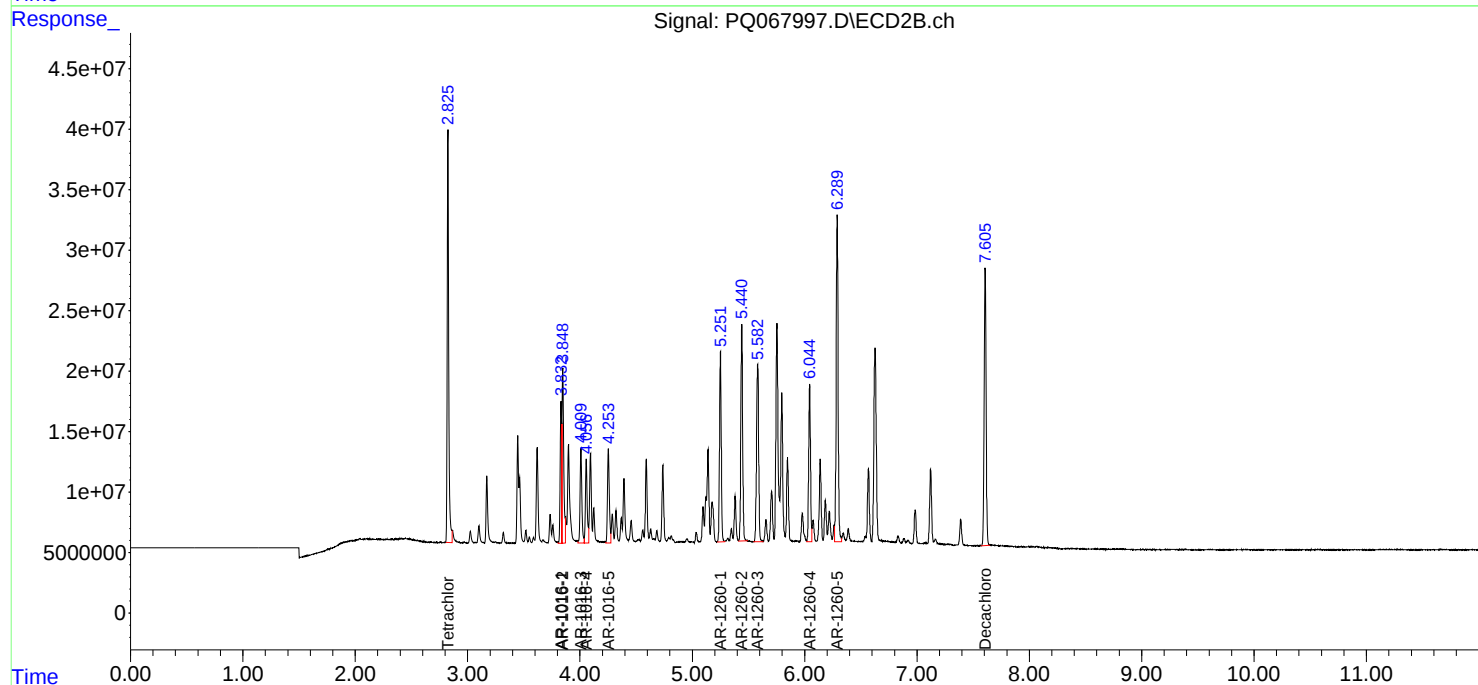
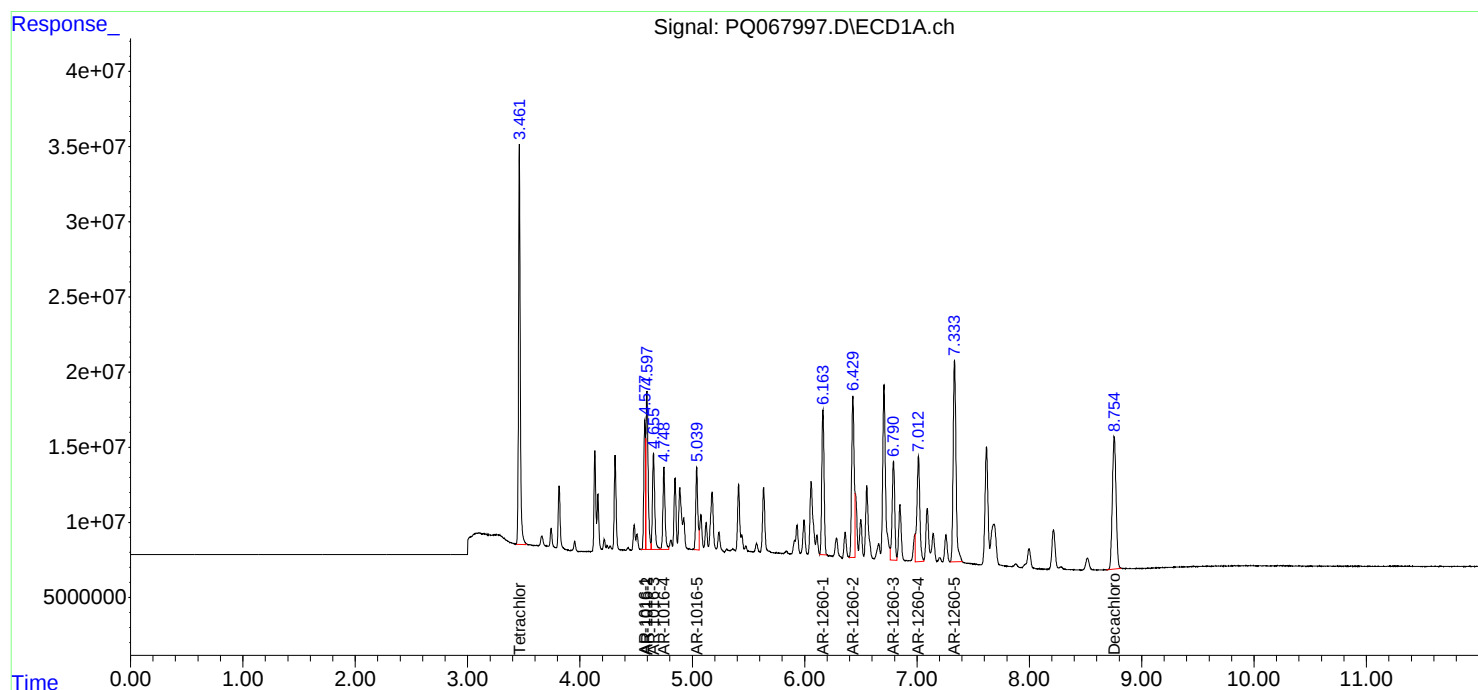
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

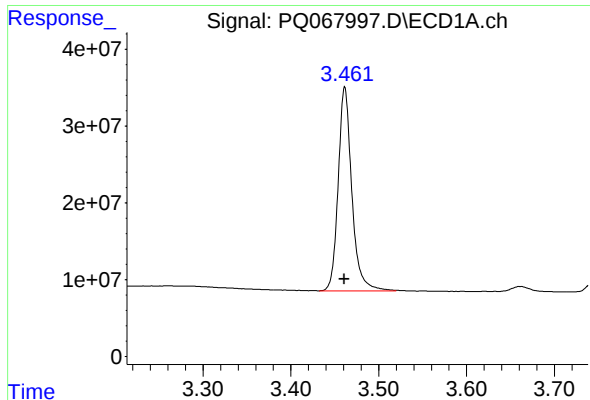
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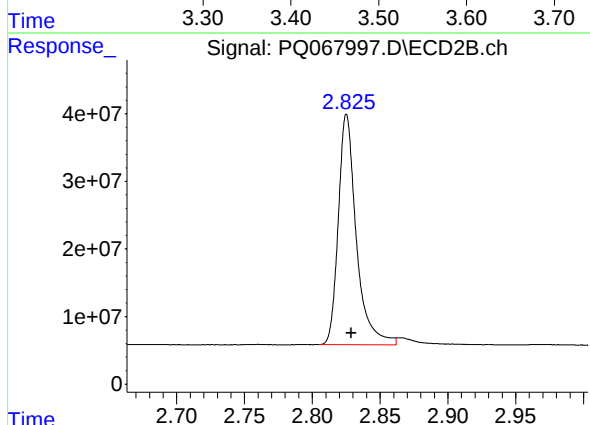
#1 Tetrachloro-m-xylene

R.T.: 3.461 min  
Delta R.T.: 0.000 min  
Response: 287185939  
Conc: 48.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

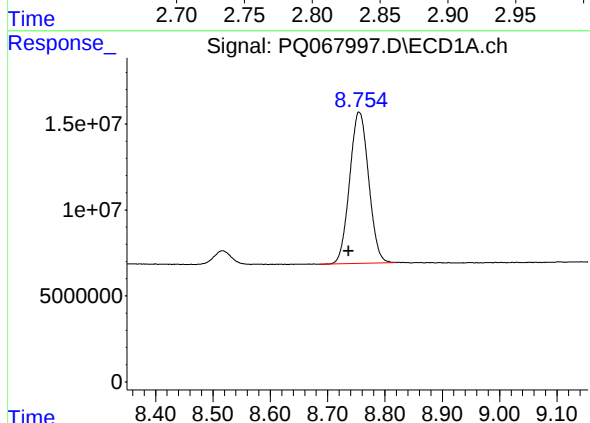
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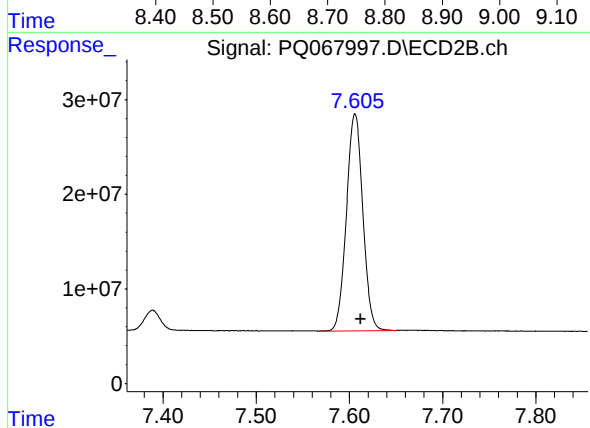
#1 Tetrachloro-m-xylene

R.T.: 2.825 min  
Delta R.T.: -0.003 min  
Response: 315407909  
Conc: 49.73 ng/ml



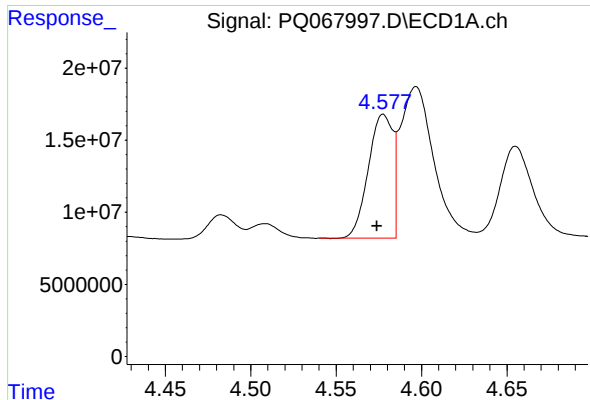
#2 Decachlorobiphenyl

R.T.: 8.755 min  
Delta R.T.: 0.018 min  
Response: 201975670  
Conc: 52.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.606 min  
Delta R.T.: -0.006 min  
Response: 280420204  
Conc: 49.75 ng/ml



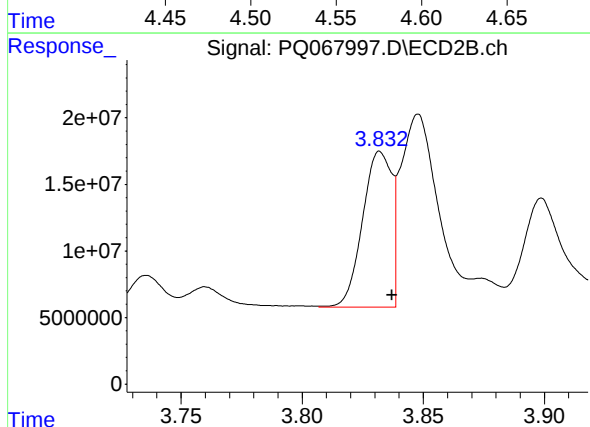
#3 AR-1016-1

R.T.: 4.578 min  
Delta R.T.: 0.004 min  
Response: 86207838  
Conc: 521.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

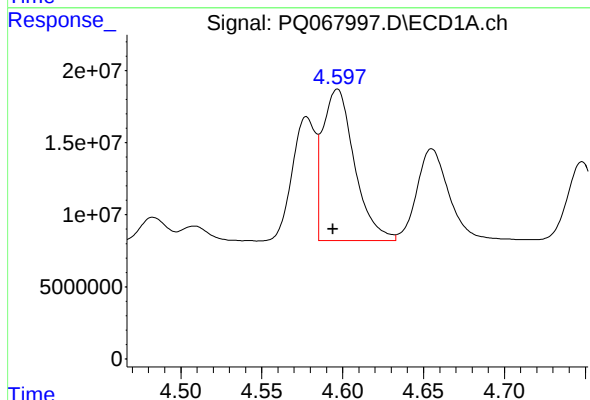
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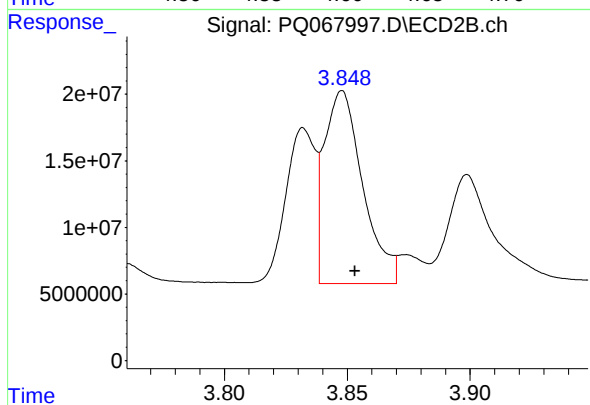
#3 AR-1016-1

R.T.: 3.832 min  
Delta R.T.: -0.005 min  
Response: 97733992  
Conc: 554.50 ng/ml



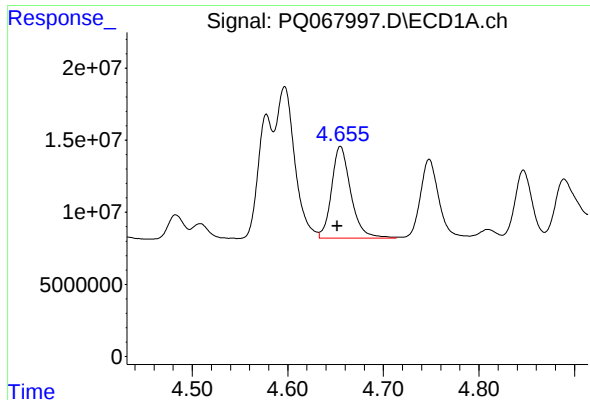
#4 AR-1016-2

R.T.: 4.597 min  
Delta R.T.: 0.003 min  
Response: 143702199  
Conc: 488.07 ng/ml



#4 AR-1016-2

R.T.: 3.848 min  
Delta R.T.: -0.005 min  
Response: 157272944  
Conc: 539.37 ng/ml



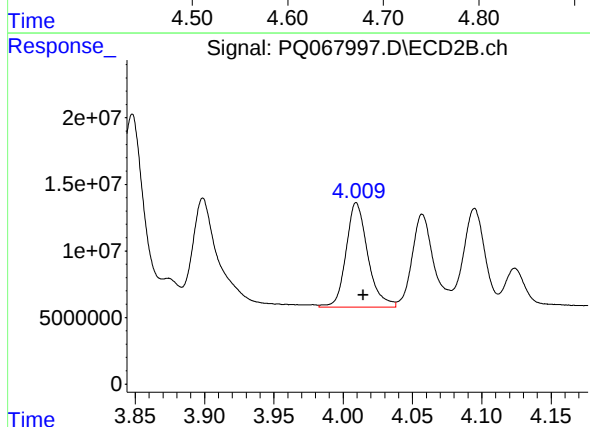
#5 AR-1016-3

R.T.: 4.655 min  
Delta R.T.: 0.003 min  
Response: 89793112  
Conc: 470.43 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

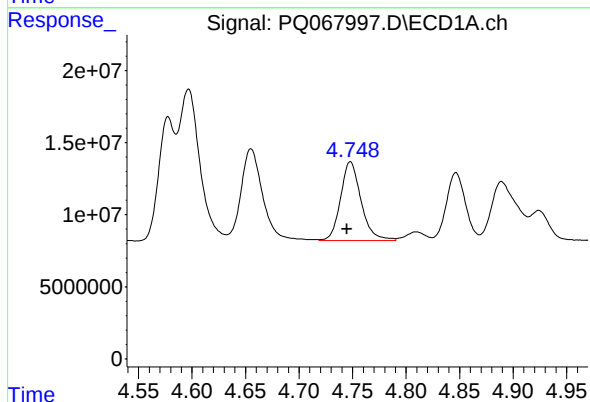
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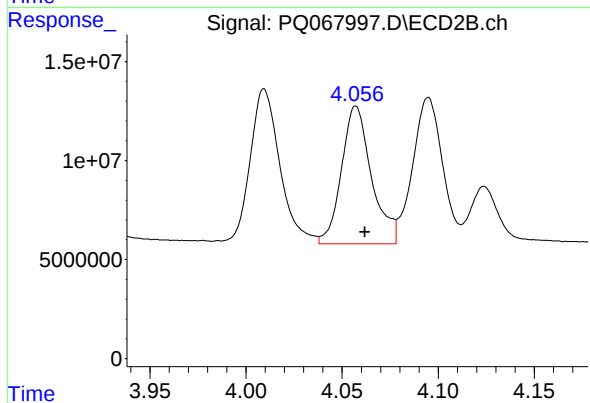
#5 AR-1016-3

R.T.: 4.009 min  
Delta R.T.: -0.005 min  
Response: 85538038  
Conc: 543.35 ng/ml



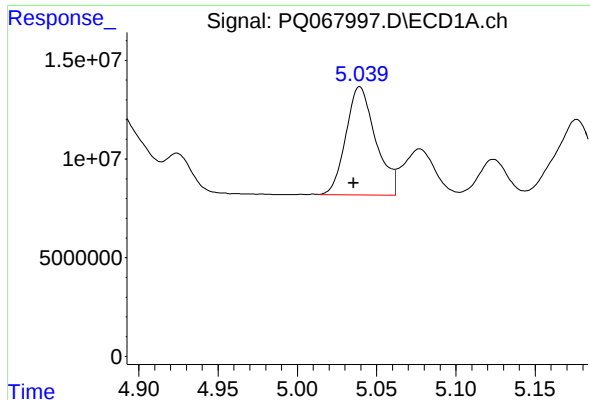
#6 AR-1016-4

R.T.: 4.748 min  
Delta R.T.: 0.003 min  
Response: 73492393  
Conc: 488.50 ng/ml



#6 AR-1016-4

R.T.: 4.057 min  
Delta R.T.: -0.005 min  
Response: 75539000  
Conc: 508.33 ng/ml



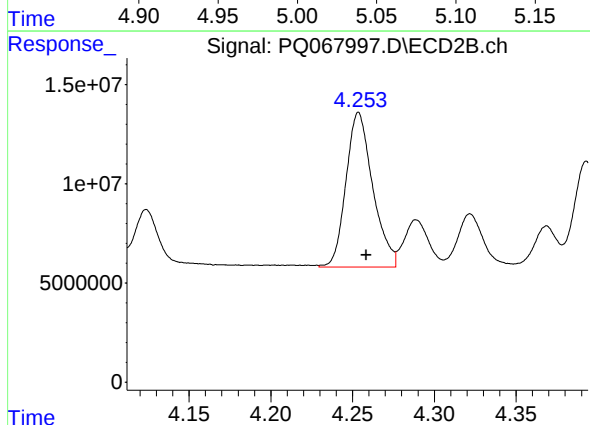
#7 AR-1016-5

R.T.: 5.039 min  
Delta R.T.: 0.004 min  
Response: 71846389  
Conc: 491.54 ng/ml

Instrument :  
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ClientSampleId :  
AR1660CCC500

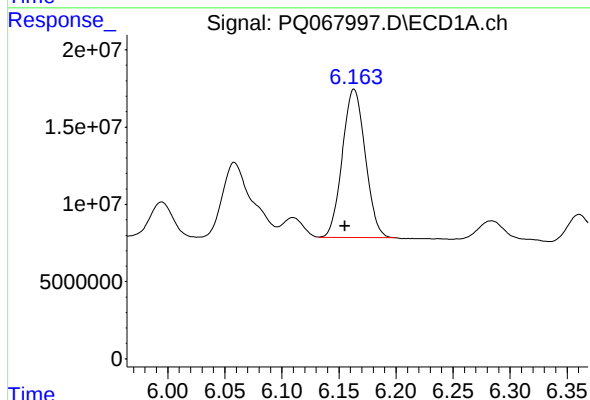
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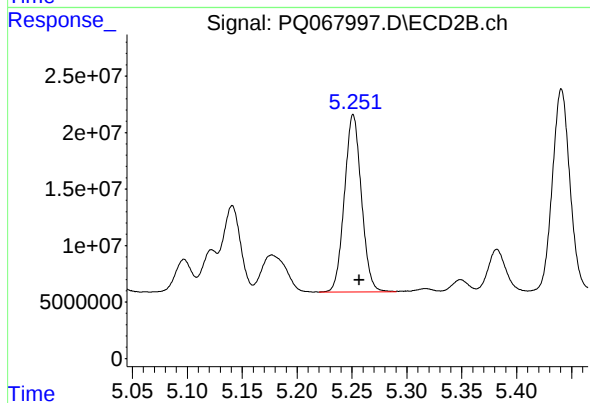
#7 AR-1016-5

R.T.: 4.254 min  
Delta R.T.: -0.005 min  
Response: 88983603  
Conc: 520.17 ng/ml



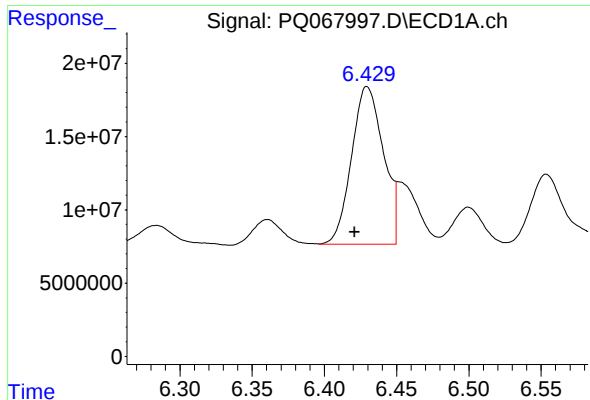
#31 AR-1260-1

R.T.: 6.163 min  
Delta R.T.: 0.008 min  
Response: 134254980  
Conc: 490.01 ng/ml



#31 AR-1260-1

R.T.: 5.251 min  
Delta R.T.: -0.006 min  
Response: 169248444  
Conc: 498.00 ng/ml



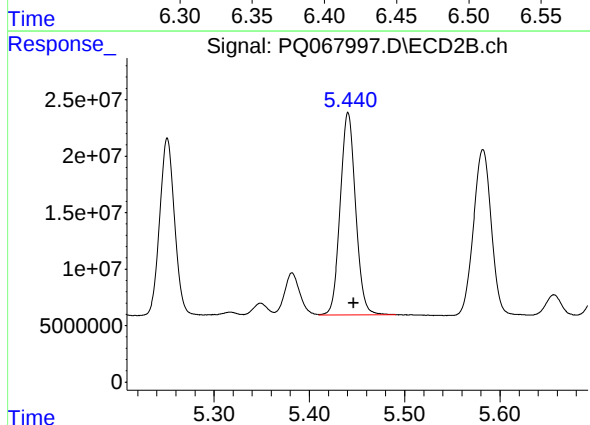
#32 AR-1260-2

R.T.: 6.429 min  
Delta R.T.: 0.008 min  
Response: 165813171  
Conc: 514.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

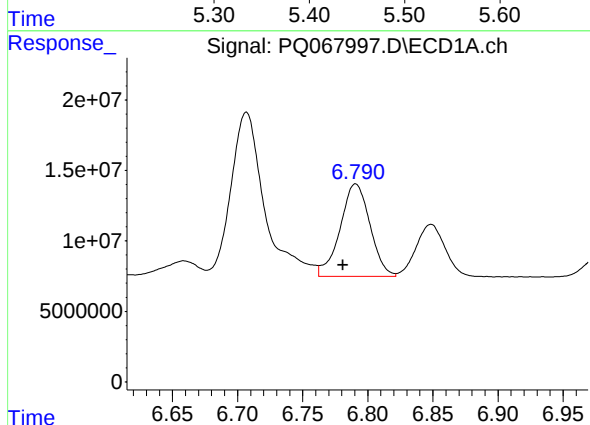
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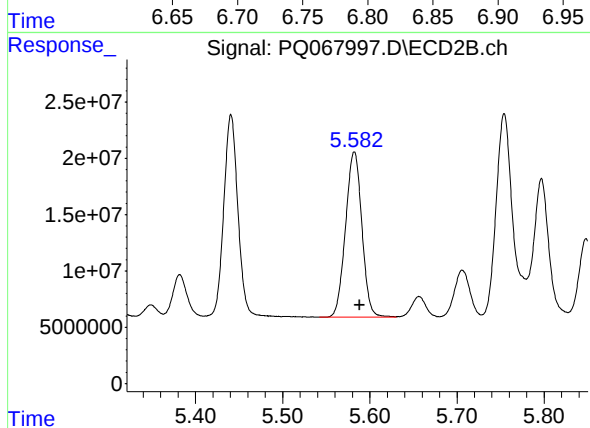
#32 AR-1260-2

R.T.: 5.441 min  
Delta R.T.: -0.006 min  
Response: 200477617  
Conc: 512.11 ng/ml



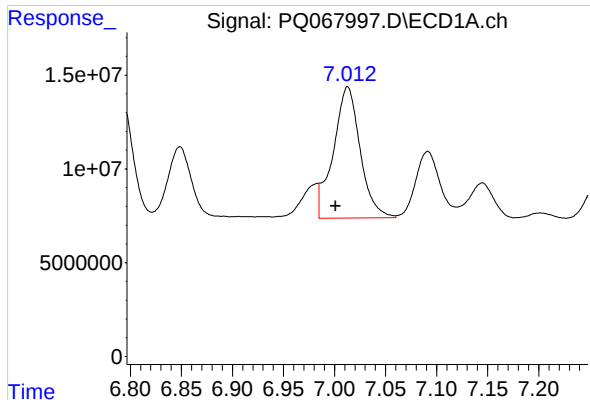
#33 AR-1260-3

R.T.: 6.791 min  
Delta R.T.: 0.010 min  
Response: 104847125  
Conc: 457.78 ng/ml



#33 AR-1260-3

R.T.: 5.582 min  
Delta R.T.: -0.006 min  
Response: 191540603  
Conc: 509.72 ng/ml



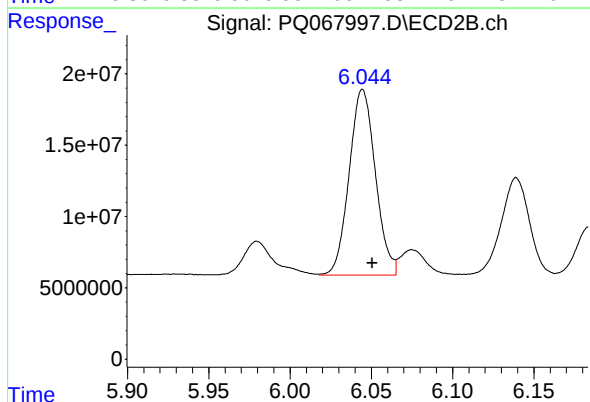
#34 AR-1260-4

R.T.: 7.012 min  
Delta R.T.: 0.011 min  
Response: 127485369  
Conc: 499.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
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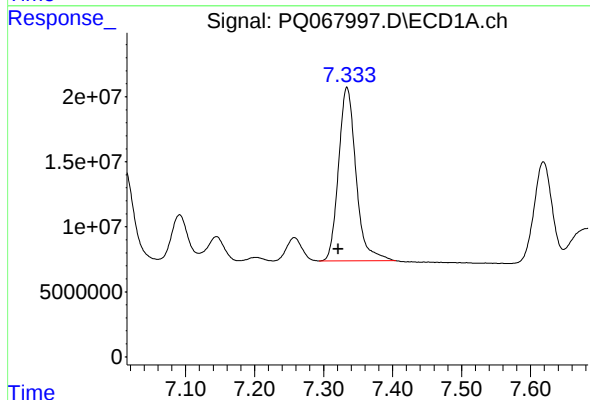
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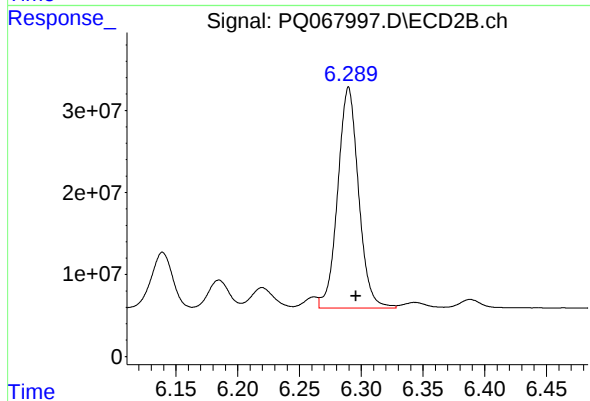
#34 AR-1260-4

R.T.: 6.045 min  
Delta R.T.: -0.006 min  
Response: 146469009  
Conc: 506.32 ng/ml



#35 AR-1260-5

R.T.: 7.334 min  
Delta R.T.: 0.012 min  
Response: 234888956  
Conc: 530.64 ng/ml



#35 AR-1260-5

R.T.: 6.290 min  
Delta R.T.: -0.006 min  
Response: 316696379  
Conc: 531.58 ng/ml