

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ122623\  
 Data File : PQ064793.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Dec 2023 11:59  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023  
 Supervised By :Ankita Jodhani 12/28/2023

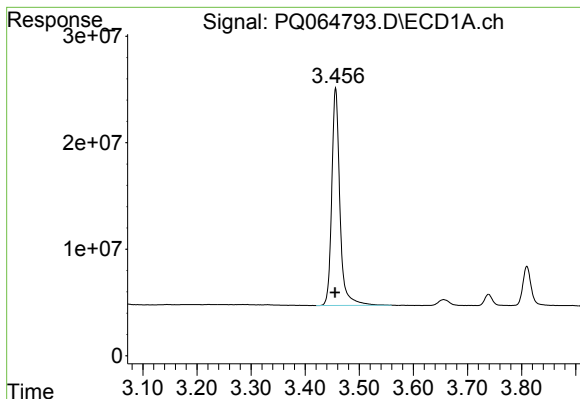
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 27 04:39:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ122123.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 22 03:53:30 2023  
 Response via : Initial Calibration  
 Integrator: 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... | 3.456 | 2.772 | 213.3E6  | 274.5E6  | 50.016  | 53.169m |
| 2)                          | SA Decachlor... | 8.689 | 7.565 | 184.1E6  | 233.2E6  | 52.822  | 47.963  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 3)                          | L1 AR-1016-1    | 4.571 | 3.781 | 67773309 | 79101429 | 507.765 | 503.199 |
| 4)                          | L1 AR-1016-2    | 4.590 | 3.796 | 101.7E6  | 119.9E6  | 505.256 | 503.268 |
| 5)                          | L1 AR-1016-3    | 4.648 | 3.957 | 63934627 | 63783516 | 506.147 | 500.822 |
| 6)                          | L1 AR-1016-4    | 4.741 | 4.007 | 52422761 | 53461414 | 511.023 | 497.929 |
| 7)                          | L1 AR-1016-5    | 5.031 | 4.202 | 54110444 | 64415676 | 504.886 | 502.181 |
| 31)                         | L7 AR-1260-1    | 6.141 | 5.200 | 106.5E6  | 112.8E6  | 498.665 | 506.563 |
| 32)                         | L7 AR-1260-2    | 6.403 | 5.391 | 127.8E6  | 135.5E6  | 511.700 | 510.929 |
| 33)                         | L7 AR-1260-3    | 6.759 | 5.533 | 93941893 | 140.1E6  | 499.731 | 553.174 |
| 34)                         | L7 AR-1260-4    | 6.977 | 5.997 | 102.4E6  | 123.2E6  | 491.638 | 525.132 |
| 35)                         | L7 AR-1260-5    | 7.290 | 6.244 | 197.9E6  | 303.6E6  | 496.991 | 520.566 |
| -----                       |                 |       |       |          |          |         |         |

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





#1 Tetrachloro-m-xylene

R.T.: 3.456 min  
Delta R.T.: 0.001 min  
Response: 213336520  
Conc: 50.02 ng/ml

Instrument :

ECD\_Q

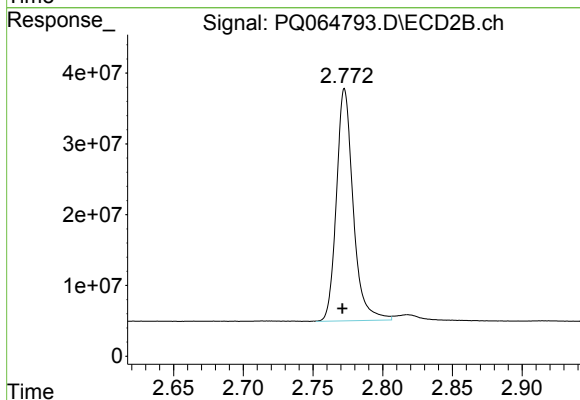
ClientSampleId :

AR1660CCC500

Manual Integrations

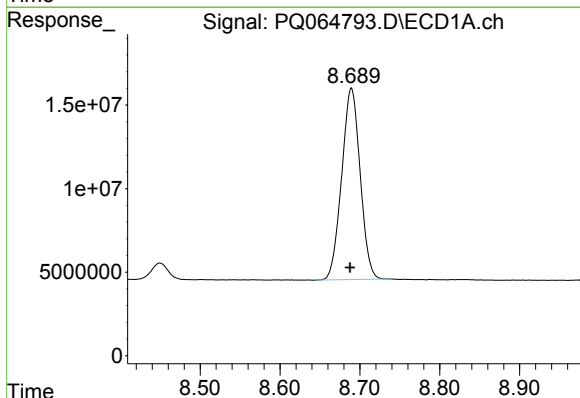
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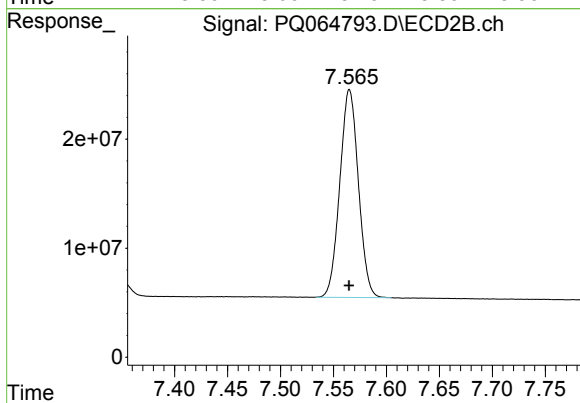
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: 0.001 min  
Response: 274450744  
Conc: 53.17 ng/ml m



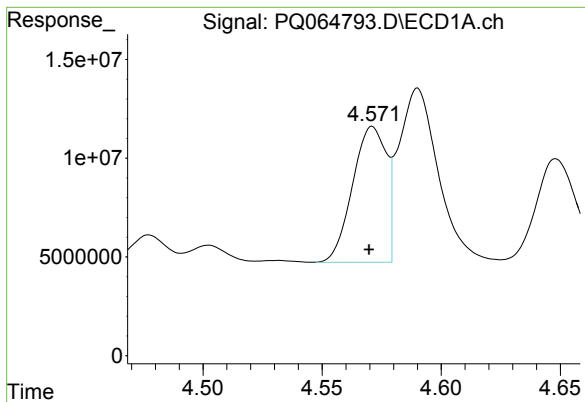
#2 Decachlorobiphenyl

R.T.: 8.689 min  
Delta R.T.: 0.001 min  
Response: 184057582  
Conc: 52.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.565 min  
Delta R.T.: 0.000 min  
Response: 233197214  
Conc: 47.96 ng/ml



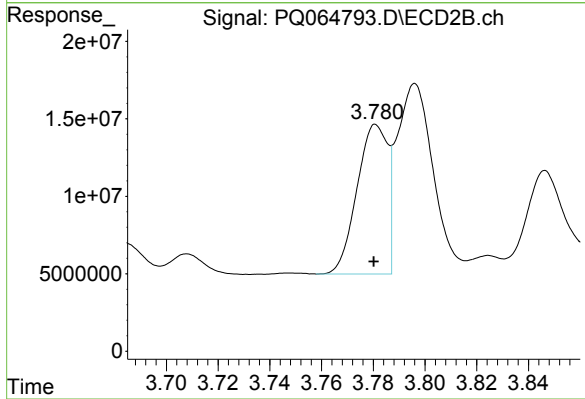
#3 AR-1016-1

R.T.: 4.571 min  
Delta R.T.: 0.001 min  
Response: 67773309  
Conc: 507.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

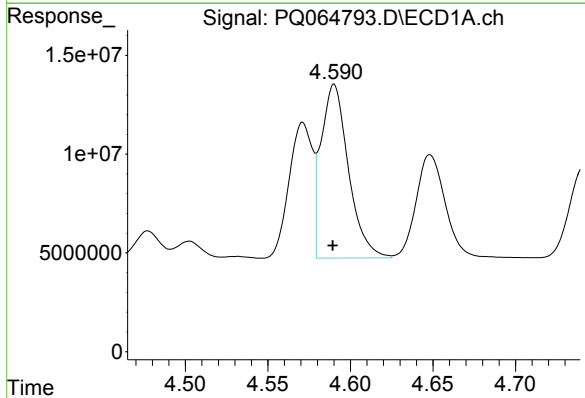
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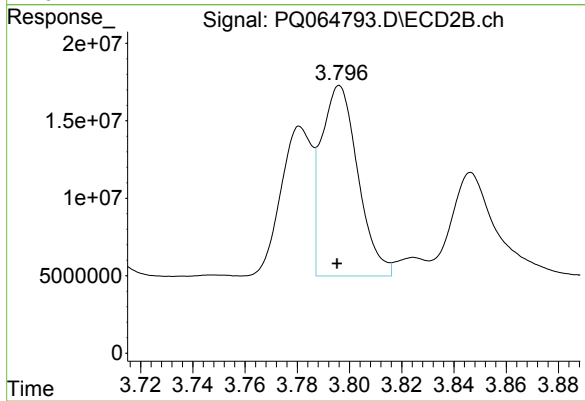
#3 AR-1016-1

R.T.: 3.781 min  
Delta R.T.: 0.000 min  
Response: 79101429  
Conc: 503.20 ng/ml



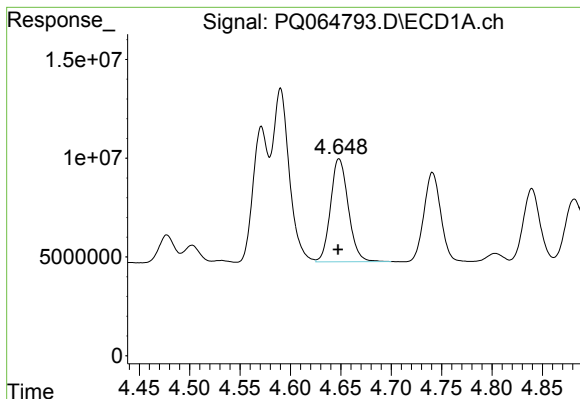
#4 AR-1016-2

R.T.: 4.590 min  
Delta R.T.: 0.001 min  
Response: 101700086  
Conc: 505.26 ng/ml



#4 AR-1016-2

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 119929946  
Conc: 503.27 ng/ml



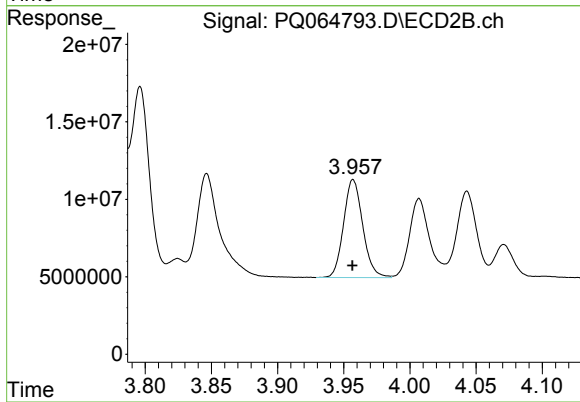
#5 AR-1016-3

R.T.: 4.648 min  
Delta R.T.: 0.000 min  
Response: 63934627  
Conc: 506.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

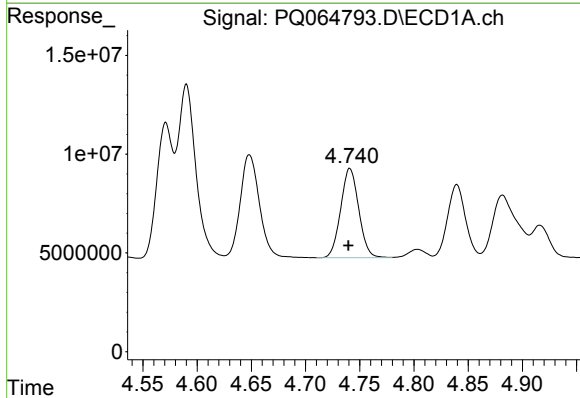
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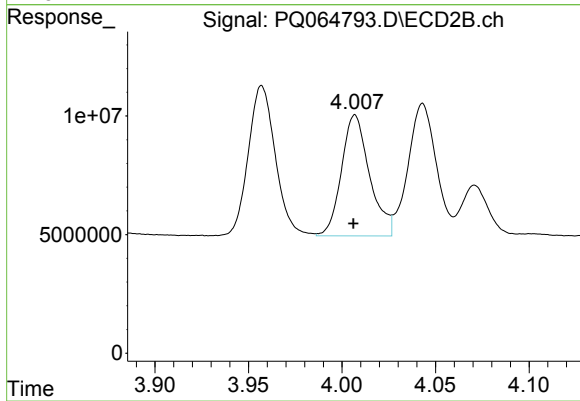
#5 AR-1016-3

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 63783516  
Conc: 500.82 ng/ml



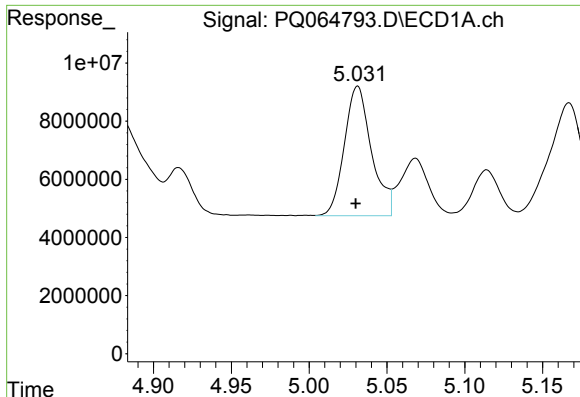
#6 AR-1016-4

R.T.: 4.741 min  
Delta R.T.: 0.002 min  
Response: 52422761  
Conc: 511.02 ng/ml



#6 AR-1016-4

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 53461414  
Conc: 497.93 ng/ml



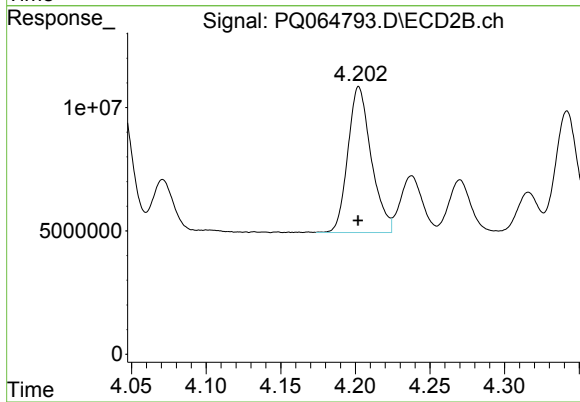
#7 AR-1016-5

R.T.: 5.031 min  
Delta R.T.: 0.001 min  
Response: 54110444  
Conc: 504.89 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

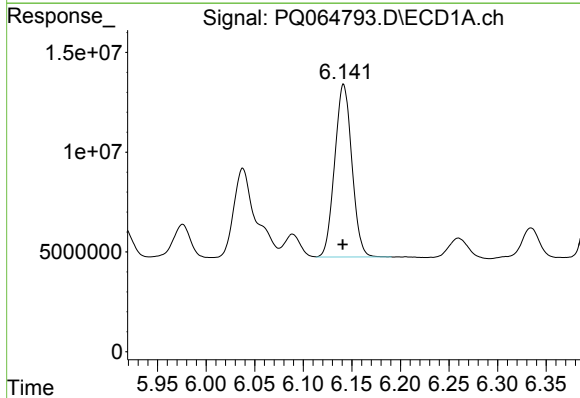
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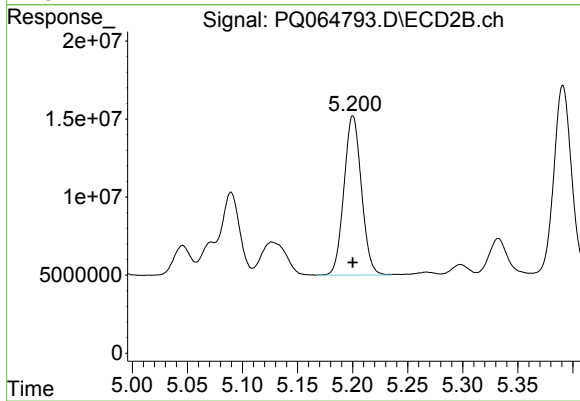
#7 AR-1016-5

R.T.: 4.202 min  
Delta R.T.: 0.000 min  
Response: 64415676  
Conc: 502.18 ng/ml



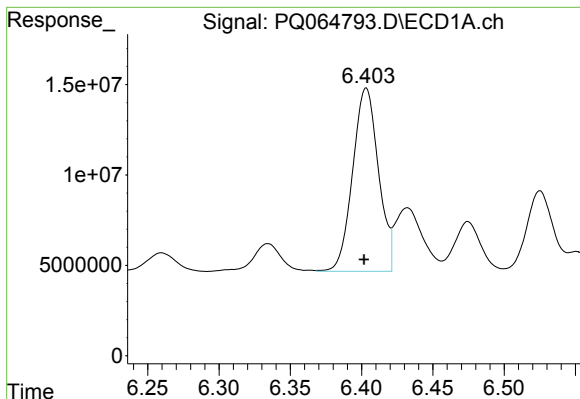
#31 AR-1260-1

R.T.: 6.141 min  
Delta R.T.: 0.000 min  
Response: 106522731  
Conc: 498.66 ng/ml



#31 AR-1260-1

R.T.: 5.200 min  
Delta R.T.: 0.000 min  
Response: 112834033  
Conc: 506.56 ng/ml



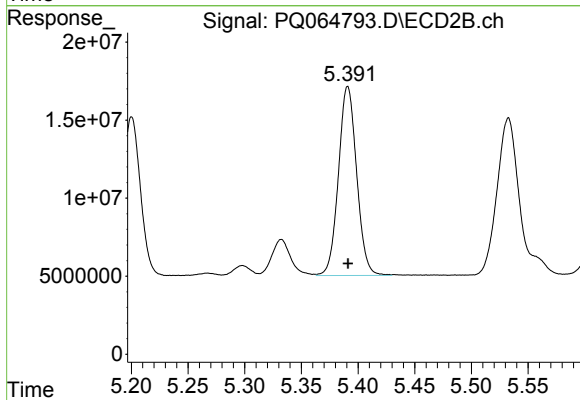
#32 AR-1260-2

R.T.: 6.403 min  
Delta R.T.: 0.001 min  
Response: 127765938  
Conc: 511.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

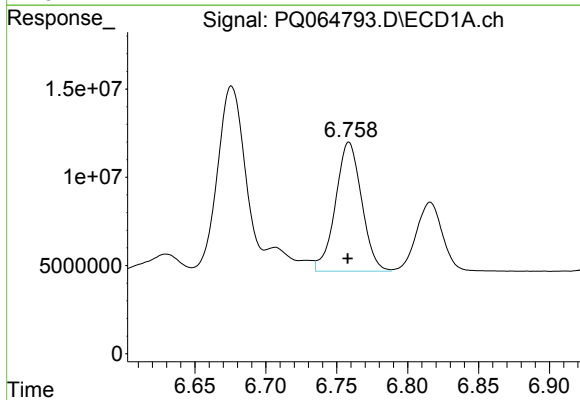
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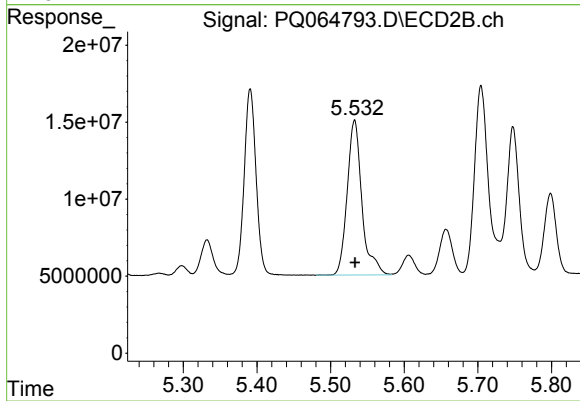
#32 AR-1260-2

R.T.: 5.391 min  
Delta R.T.: 0.000 min  
Response: 135513325  
Conc: 510.93 ng/ml



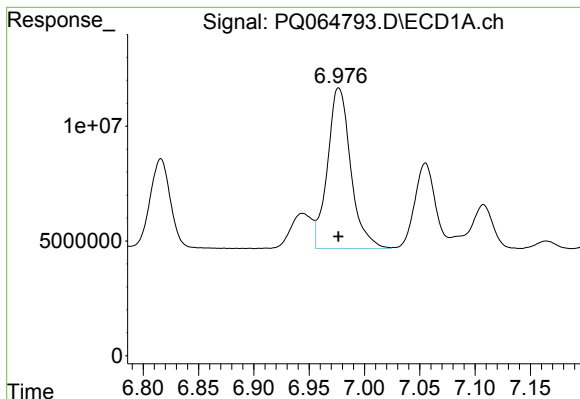
#33 AR-1260-3

R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 93941893  
Conc: 499.73 ng/ml



#33 AR-1260-3

R.T.: 5.533 min  
Delta R.T.: 0.000 min  
Response: 140145371  
Conc: 553.17 ng/ml



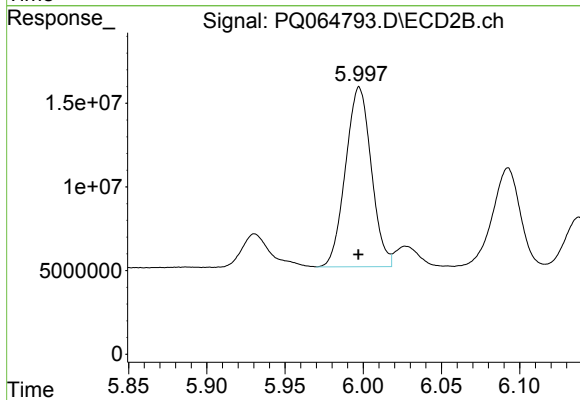
#34 AR-1260-4

R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 102418614  
Conc: 491.64 ng/ml

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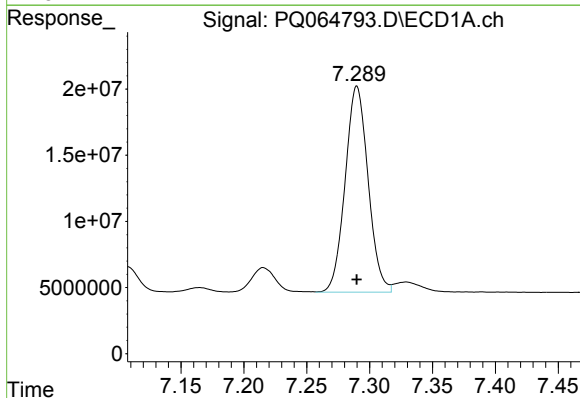
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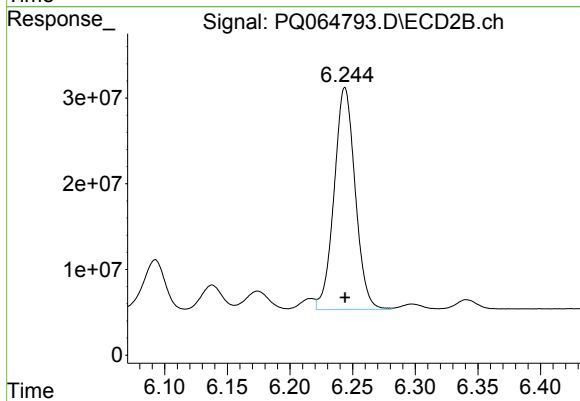
#34 AR-1260-4

R.T.: 5.997 min  
Delta R.T.: 0.000 min  
Response: 123181809  
Conc: 525.13 ng/ml



#35 AR-1260-5

R.T.: 7.290 min  
Delta R.T.: 0.000 min  
Response: 197918121  
Conc: 496.99 ng/ml



#35 AR-1260-5

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 303566195  
Conc: 520.57 ng/ml