

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ020924\  
 Data File : PQ065364.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Feb 2024 12:09  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 02/12/2024  
 Supervised By :Sohil Jodhani 02/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 09 21:52:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ011724.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jan 18 00:09:27 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...          | 3.474 | 2.740 | 201.5E6  | 391.4E6  | 54.102   | 58.609   |
| 2) SA Decachlor...          | 8.797 | 7.516 | 158.1E6  | 398.9E6  | 51.171   | 54.893   |
| Target Compounds            |       |       |          |          |          |          |
| 3) L1 AR-1016-1             | 4.601 | 3.740 | 57354605 | 136.7E6  | 475.350  | 547.496  |
| 4) L1 AR-1016-2             | 4.620 | 3.755 | 89667284 | 194.4E6  | 521.072  | 564.942  |
| 5) L1 AR-1016-3             | 4.679 | 3.916 | 56824470 | 103.2E6  | 517.151  | 539.313  |
| 6) L1 AR-1016-4             | 4.773 | 3.965 | 46428379 | 85776292 | 506.447  | 533.224  |
| 7) L1 AR-1016-5             | 5.067 | 4.160 | 45448937 | 110.0E6  | 516.609  | 553.880  |
| 31) L7 AR-1260-1            | 6.194 | 5.155 | 83454770 | 232.7E6  | 473.911  | 578.246  |
| 32) L7 AR-1260-2            | 6.462 | 5.344 | 111.6E6  | 264.2E6  | 488.666m | 540.309  |
| 33) L7 AR-1260-3            | 6.824 | 5.486 | 79962924 | 248.6E6  | 498.031  | 519.777m |
| 34) L7 AR-1260-4            | 7.045 | 5.949 | 92268282 | 195.7E6  | 518.826m | 502.901  |
| 35) L7 AR-1260-5            | 7.368 | 6.195 | 173.4E6  | 467.0E6  | 472.362  | 535.125  |
| -----                       |       |       |          |          |          |          |

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

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Acq On : 09 Feb 2024 12:09  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

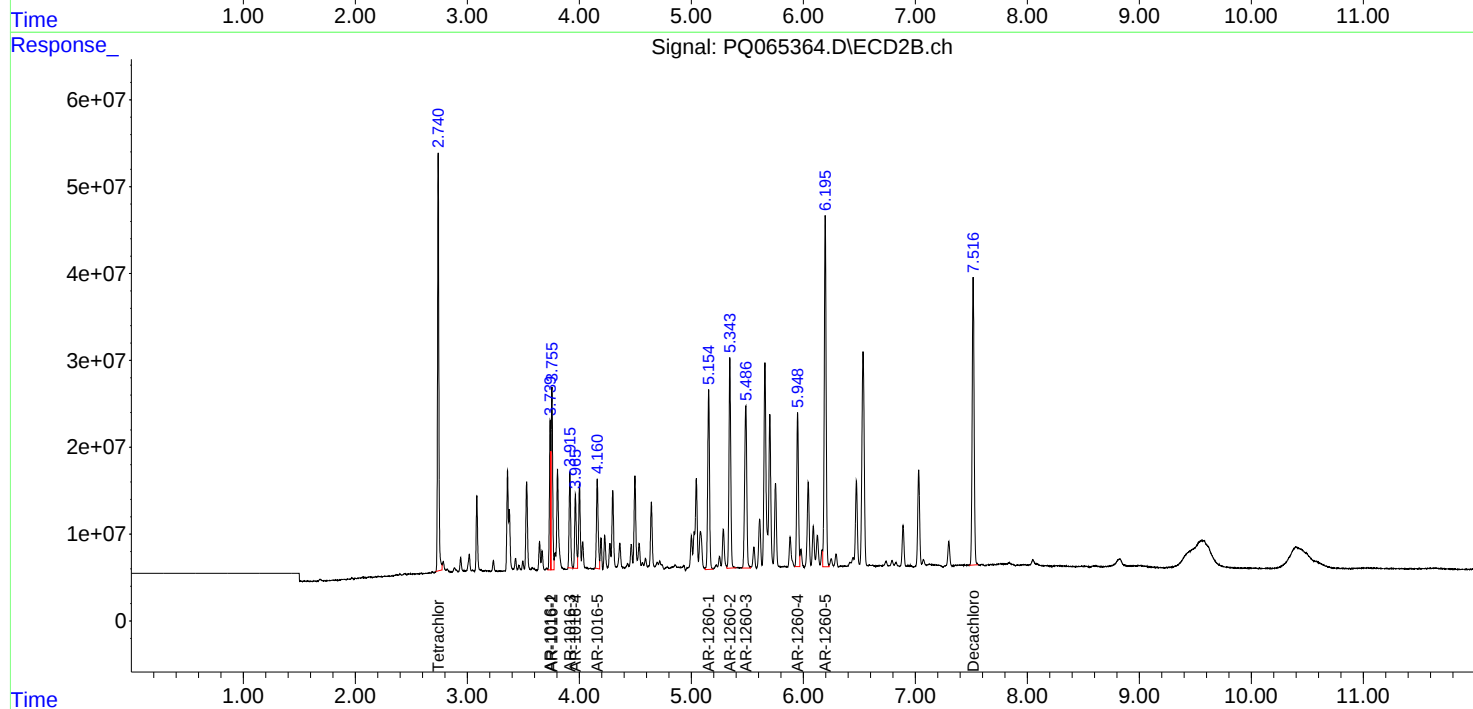
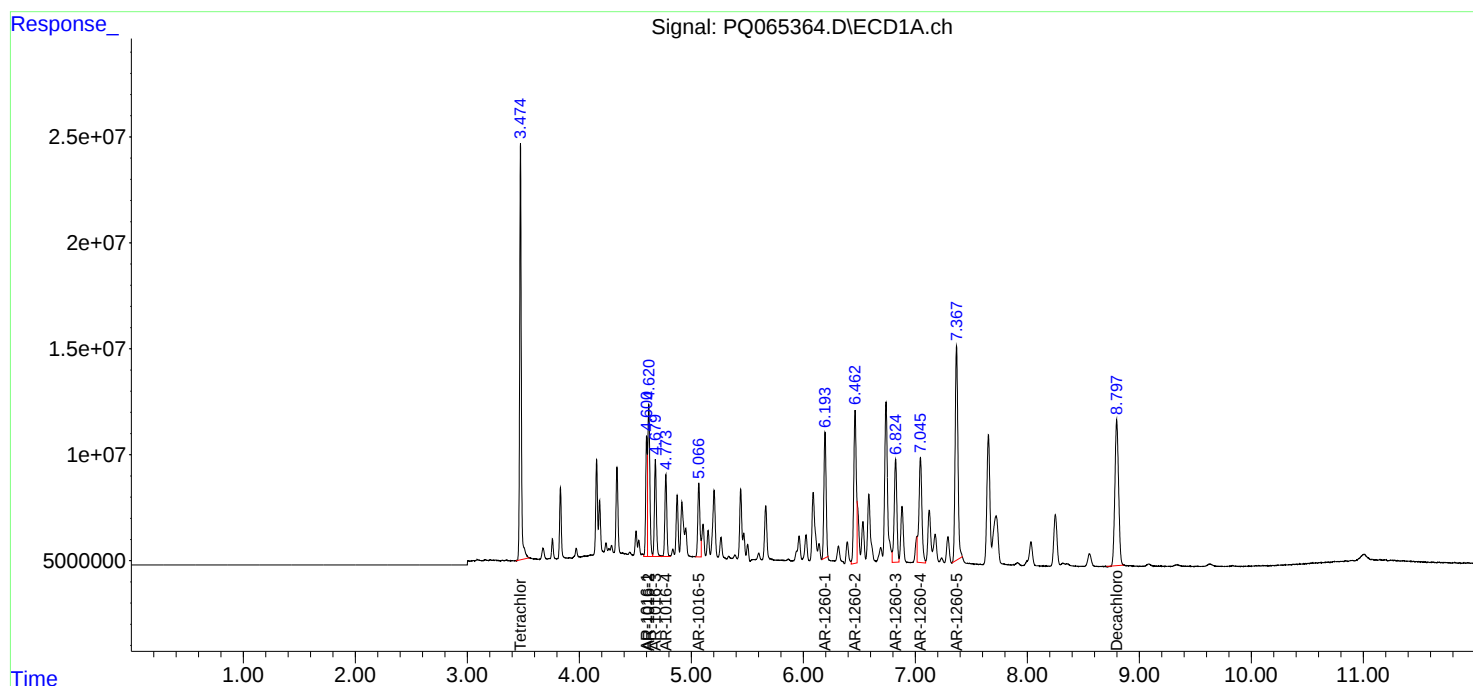
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

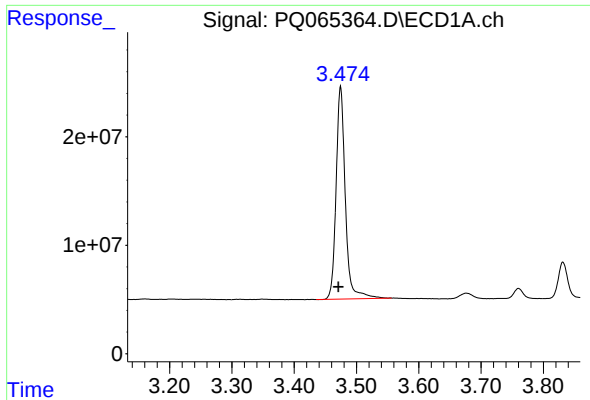
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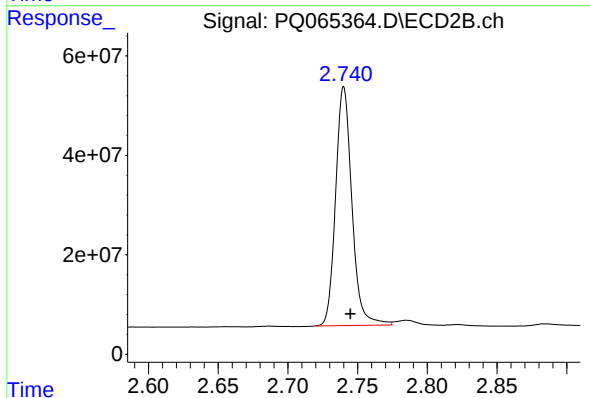
#1 Tetrachloro-m-xylene

R.T.: 3.474 min  
Delta R.T.: 0.003 min  
Response: 201547085  
Conc: 54.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

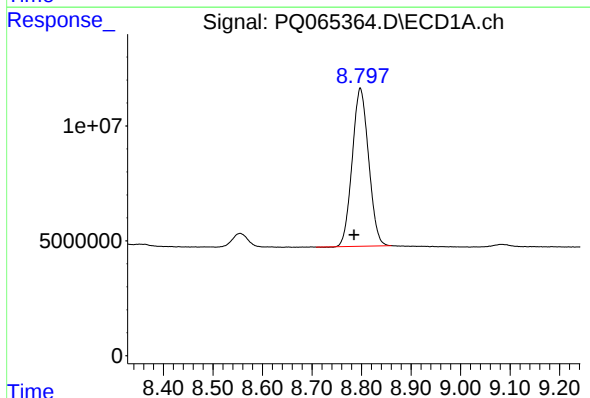
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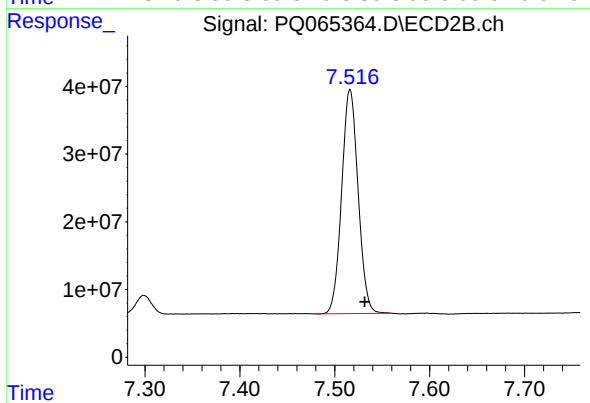
#1 Tetrachloro-m-xylene

R.T.: 2.740 min  
Delta R.T.: -0.005 min  
Response: 391365879  
Conc: 58.61 ng/ml



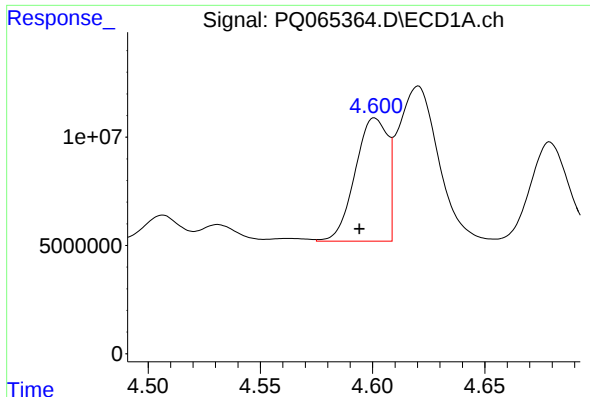
#2 Decachlorobiphenyl

R.T.: 8.797 min  
Delta R.T.: 0.012 min  
Response: 158139738  
Conc: 51.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.516 min  
Delta R.T.: -0.015 min  
Response: 398931559  
Conc: 54.89 ng/ml



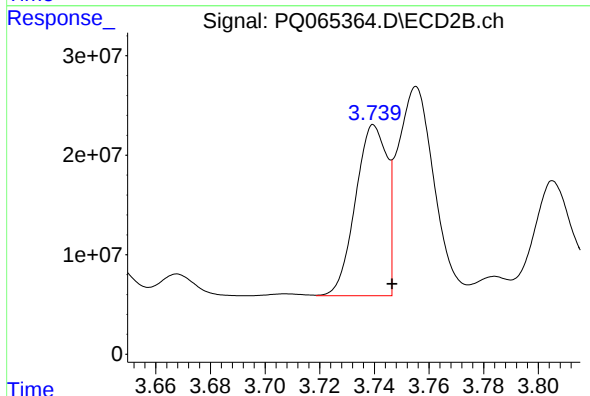
#3 AR-1016-1

R.T.: 4.601 min  
Delta R.T.: 0.007 min  
Response: 57354605  
Conc: 475.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

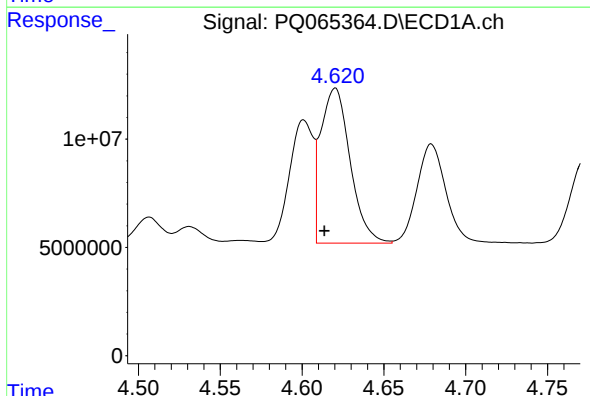
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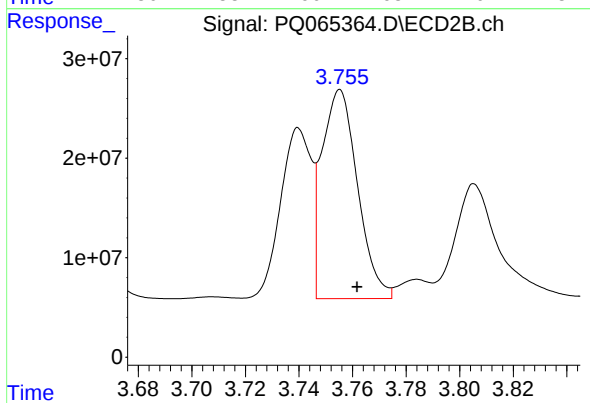
#3 AR-1016-1

R.T.: 3.740 min  
Delta R.T.: -0.007 min  
Response: 136725017  
Conc: 547.50 ng/ml



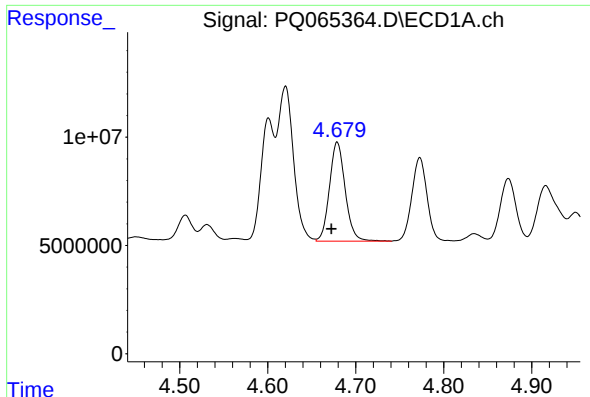
#4 AR-1016-2

R.T.: 4.620 min  
Delta R.T.: 0.007 min  
Response: 89667284  
Conc: 521.07 ng/ml



#4 AR-1016-2

R.T.: 3.755 min  
Delta R.T.: -0.006 min  
Response: 194425875  
Conc: 564.94 ng/ml



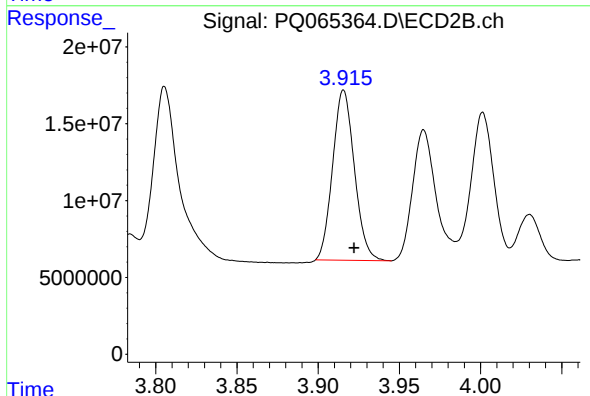
#5 AR-1016-3

R.T.: 4.679 min  
Delta R.T.: 0.007 min  
Response: 56824470  
Conc: 517.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

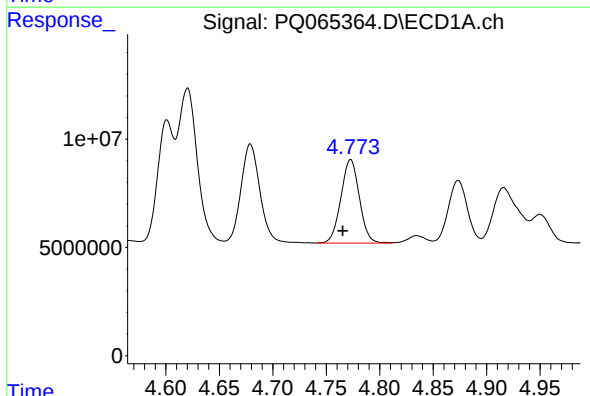
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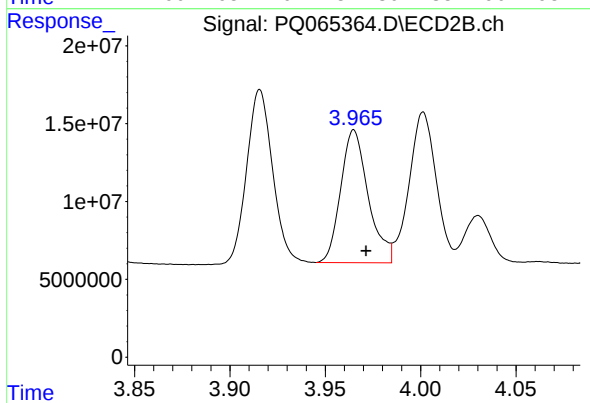
#5 AR-1016-3

R.T.: 3.916 min  
Delta R.T.: -0.006 min  
Response: 103241280  
Conc: 539.31 ng/ml



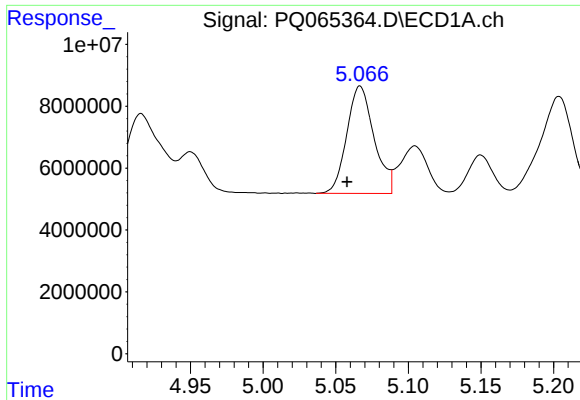
#6 AR-1016-4

R.T.: 4.773 min  
Delta R.T.: 0.007 min  
Response: 46428379  
Conc: 506.45 ng/ml



#6 AR-1016-4

R.T.: 3.965 min  
Delta R.T.: -0.006 min  
Response: 85776292  
Conc: 533.22 ng/ml



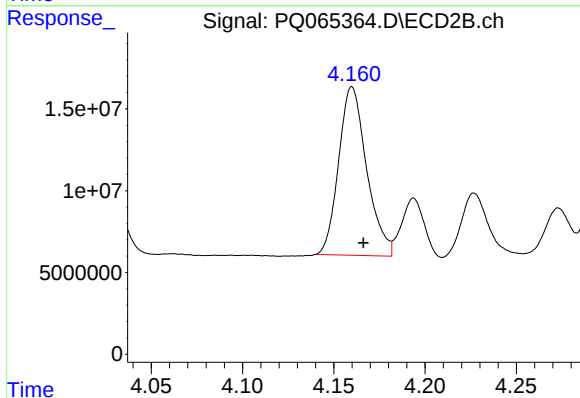
#7 AR-1016-5

R.T.: 5.067 min  
Delta R.T.: 0.009 min  
Response: 45448937  
Conc: 516.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

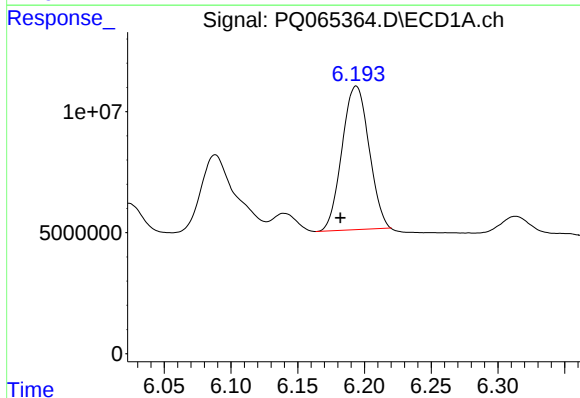
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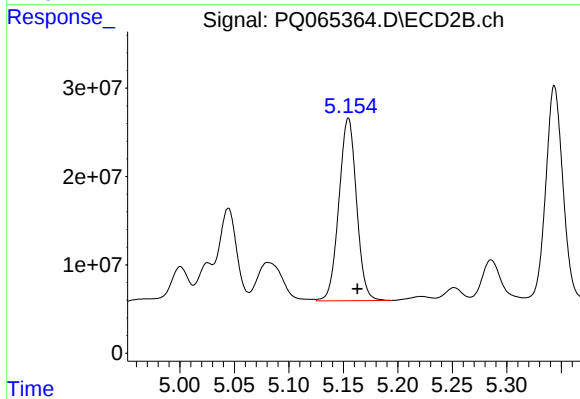
#7 AR-1016-5

R.T.: 4.160 min  
Delta R.T.: -0.006 min  
Response: 109996318  
Conc: 553.88 ng/ml



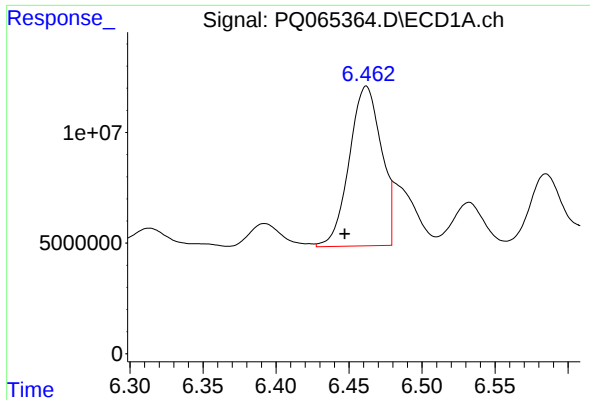
#31 AR-1260-1

R.T.: 6.194 min  
Delta R.T.: 0.012 min  
Response: 83454770  
Conc: 473.91 ng/ml



#31 AR-1260-1

R.T.: 5.155 min  
Delta R.T.: -0.008 min  
Response: 232717547  
Conc: 578.25 ng/ml



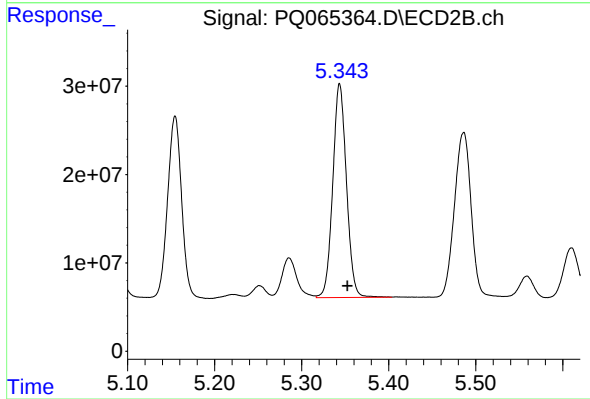
#32 AR-1260-2

R.T.: 6.462 min  
Delta R.T.: 0.015 min  
Response: 111629960  
Conc: 488.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

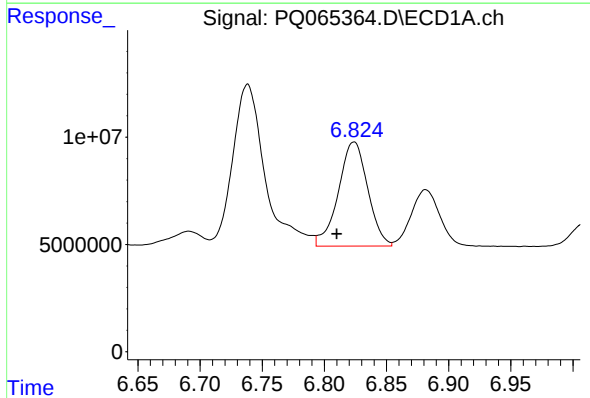
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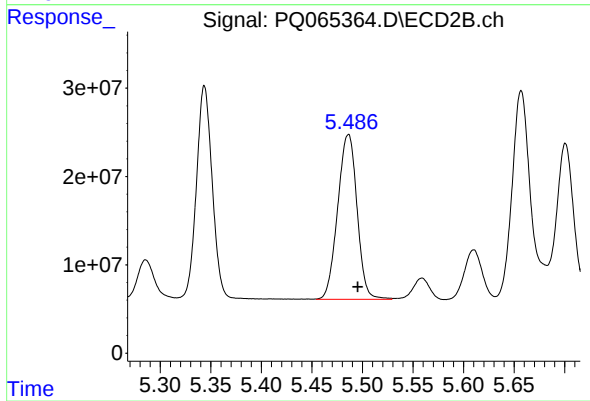
#32 AR-1260-2

R.T.: 5.344 min  
Delta R.T.: -0.009 min  
Response: 264239575  
Conc: 540.31 ng/ml



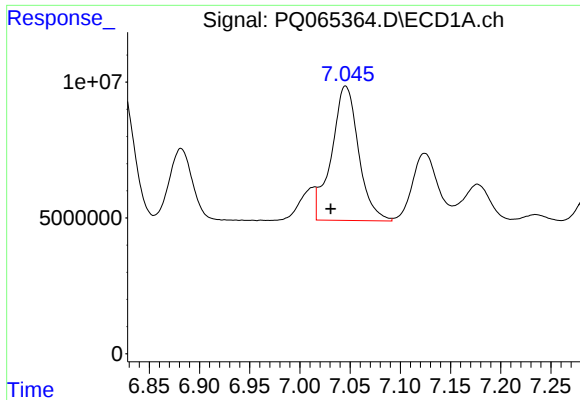
#33 AR-1260-3

R.T.: 6.824 min  
Delta R.T.: 0.014 min  
Response: 79962924  
Conc: 498.03 ng/ml



#33 AR-1260-3

R.T.: 5.486 min  
Delta R.T.: -0.009 min  
Response: 248621397  
Conc: 519.78 ng/ml m



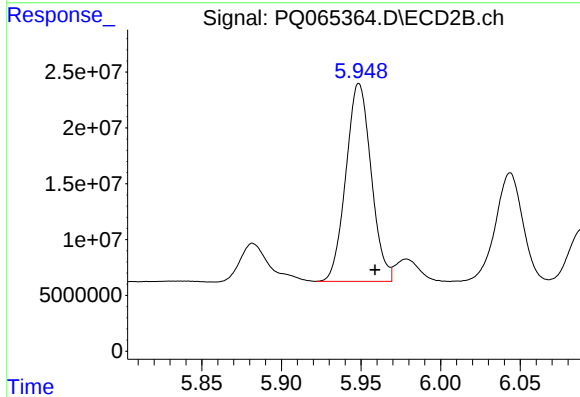
#34 AR-1260-4

R.T.: 7.045 min  
Delta R.T.: 0.014 min  
Response: 92268282  
Conc: 518.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

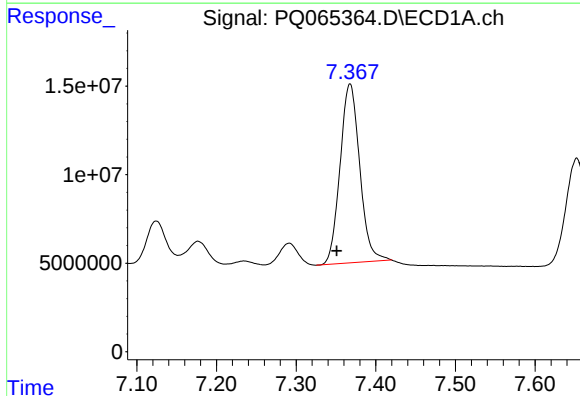
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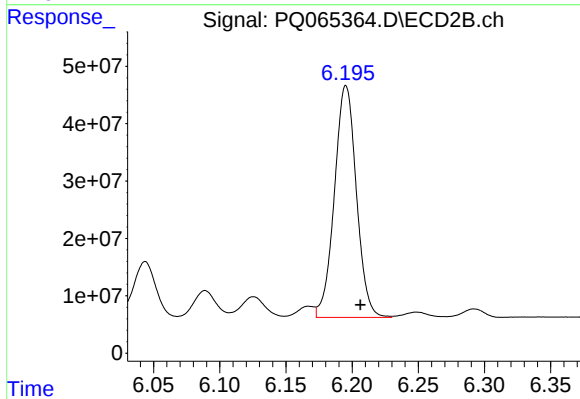
#34 AR-1260-4

R.T.: 5.949 min  
Delta R.T.: -0.010 min  
Response: 195685639  
Conc: 502.90 ng/ml



#35 AR-1260-5

R.T.: 7.368 min  
Delta R.T.: 0.017 min  
Response: 173417337  
Conc: 472.36 ng/ml



#35 AR-1260-5

R.T.: 6.195 min  
Delta R.T.: -0.011 min  
Response: 467029170  
Conc: 535.12 ng/ml