

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ011019\  
 Data File : PQ036355.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jan 2019 14:14  
 Operator : SM\SJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

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 1/11/2019 11:19:00 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 11 03:36:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ010819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 09 07:07:45 2019  
 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... | 4.391  | 3.725 | 262.0E6  | 154.6E6  | 57.319   | 63.863  |
| 2)                          | SA Decachlor... | 10.045 | 8.684 | 188.4E6  | 93288588 | 51.788   | 48.526  |
| Target Compounds            |                 |        |       |          |          |          |         |
| 3)                          | L1 AR-1016-1    | 5.552  | 4.798 | 62018913 | 38340444 | 443.240  | 493.994 |
| 4)                          | L1 AR-1016-2    | 5.573  | 4.815 | 90326120 | 56523285 | 423.136  | 496.308 |
| 5)                          | L1 AR-1016-3    | 5.635  | 4.991 | 52746556 | 28313311 | 425.168  | 489.401 |
| 6)                          | L1 AR-1016-4    | 5.734  | 5.030 | 43001303 | 22310145 | 424.657  | 473.288 |
| 7)                          | L1 AR-1016-5    | 6.025  | 5.243 | 40776932 | 28186763 | 408.351  | 463.331 |
| 31)                         | L7 AR-1260-1    | 7.143  | 6.264 | 76878171 | 52785484 | 403.794m | 443.295 |
| 32)                         | L7 AR-1260-2    | 7.398  | 6.451 | 92365600 | 63807516 | 402.481m | 444.444 |
| 33)                         | L7 AR-1260-3    | 7.756  | 6.603 | 56453521 | 59053899 | 400.919  | 447.249 |
| 34)                         | L7 AR-1260-4    | 7.986  | 7.070 | 68998153 | 40296443 | 400.170  | 448.284 |
| 35)                         | L7 AR-1260-5    | 8.302  | 7.313 | 138.6E6  | 99361447 | 413.040  | 449.737 |
| -----                       |                 |        |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ011019\  
Data File : PQ036355.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jan 2019 14:14  
Operator : SM\SJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

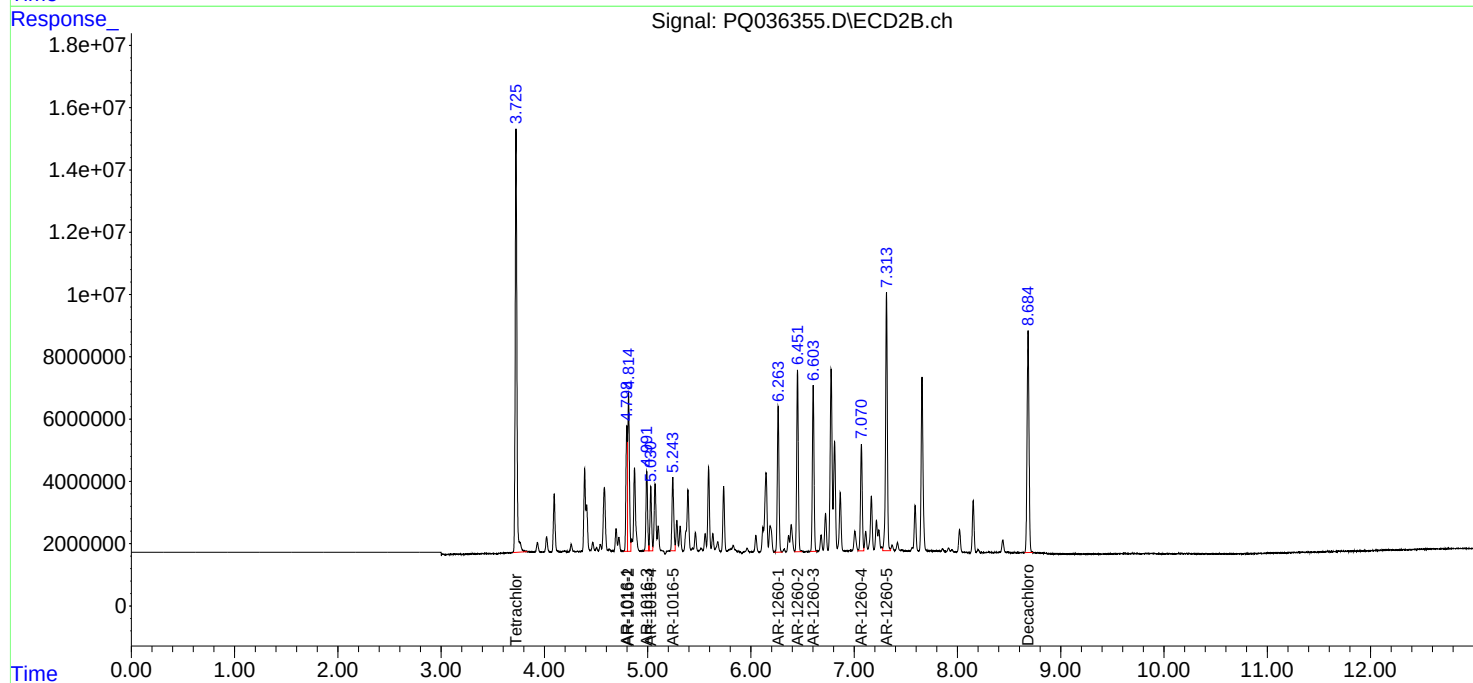
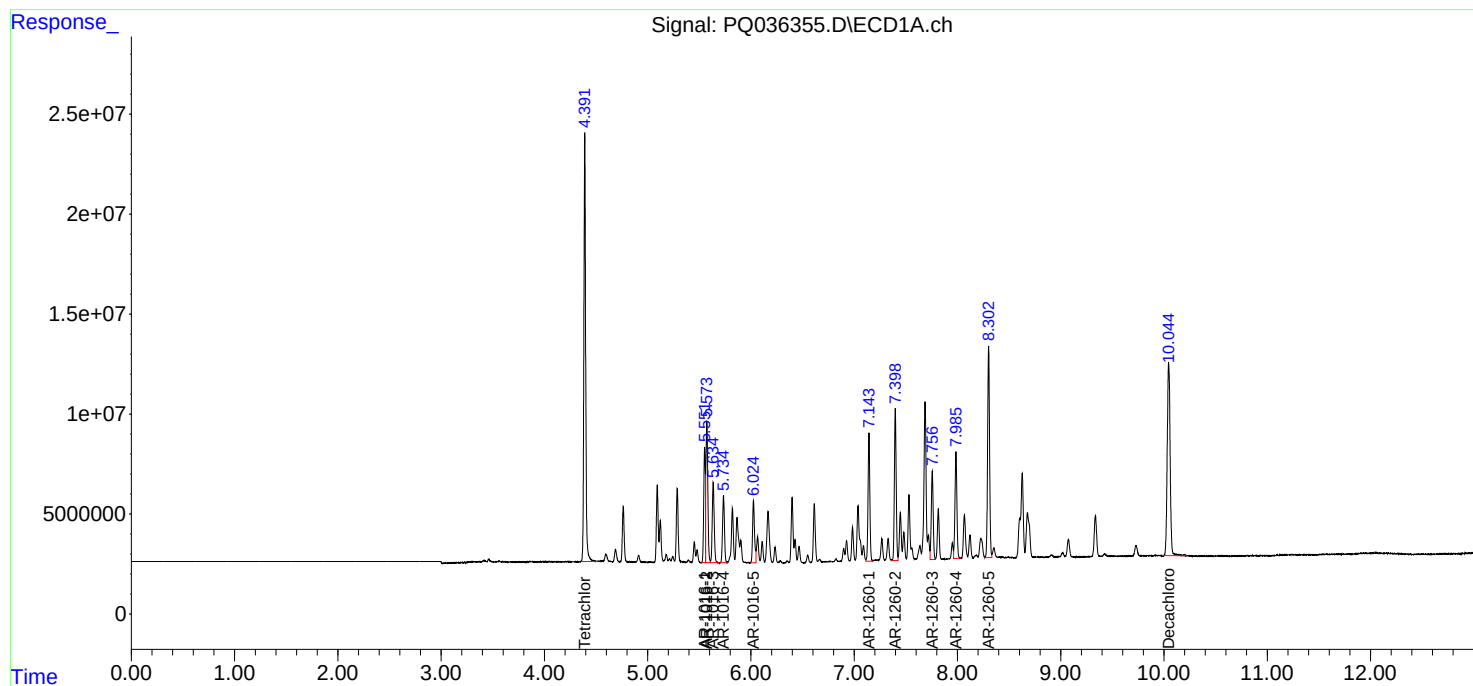
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

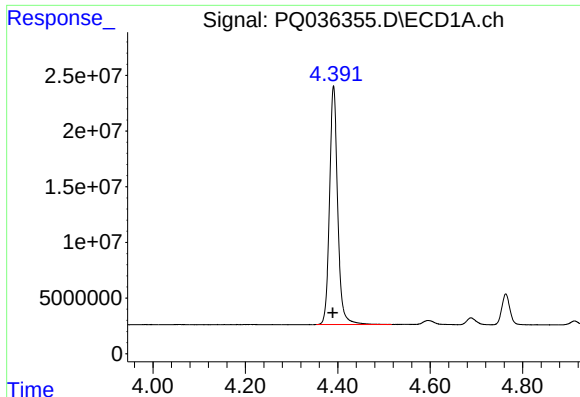
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 11 03:36:16 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ010819.M  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





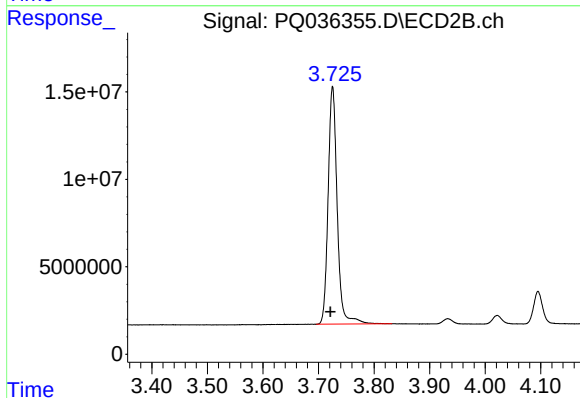
#1 Tetrachloro-m-xylene

R.T.: 4.391 min  
Delta R.T.: 0.002 min  
Response: 262036740  
Conc: 57.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

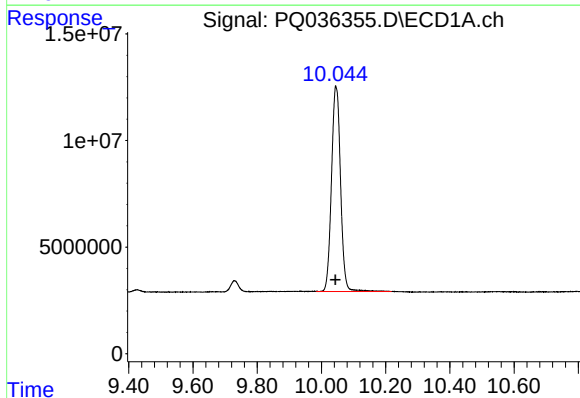
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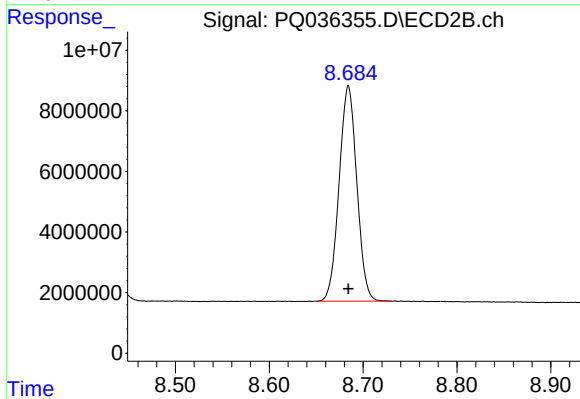
#1 Tetrachloro-m-xylene

R.T.: 3.725 min  
Delta R.T.: 0.004 min  
Response: 154578629  
Conc: 63.86 ng/ml



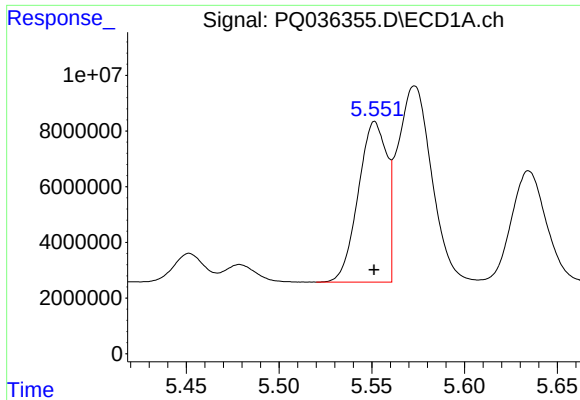
#2 Decachlorobiphenyl

R.T.: 10.045 min  
Delta R.T.: 0.001 min  
Response: 188377224  
Conc: 51.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.684 min  
Delta R.T.: 0.000 min  
Response: 93288588  
Conc: 48.53 ng/ml



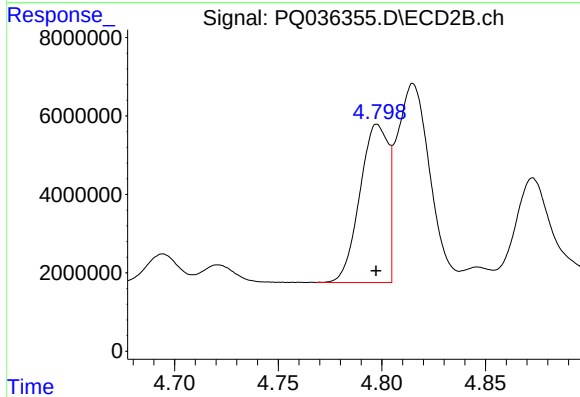
#3 AR-1016-1

R.T.: 5.552 min  
Delta R.T.: 0.000 min  
Response: 62018913  
Conc: 443.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

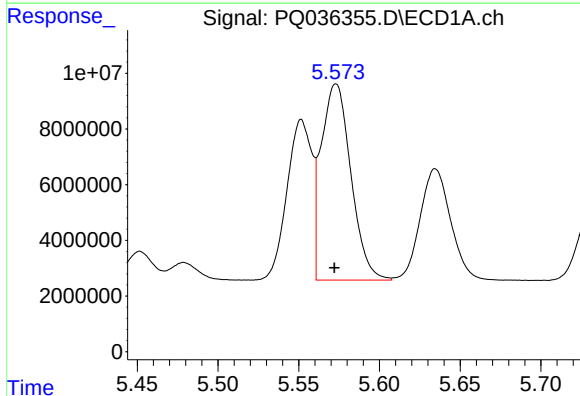
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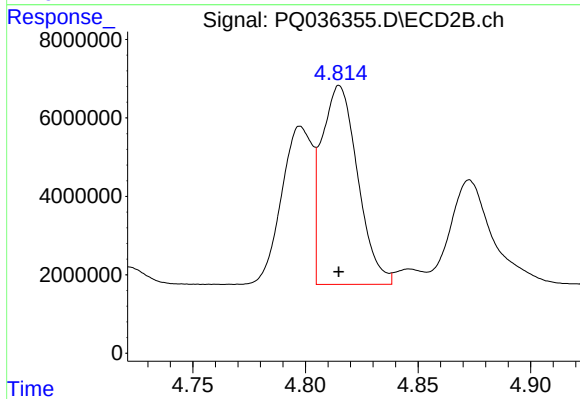
#3 AR-1016-1

R.T.: 4.798 min  
Delta R.T.: 0.000 min  
Response: 38340444  
Conc: 493.99 ng/ml



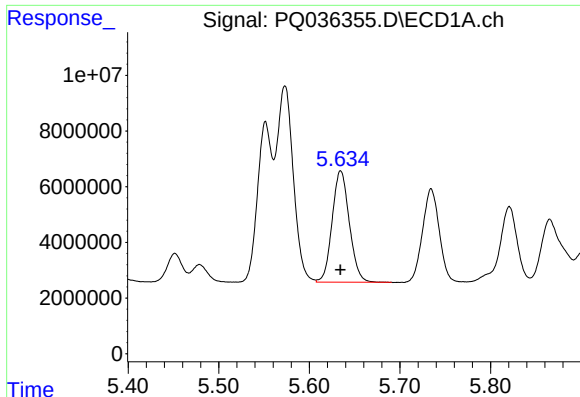
#4 AR-1016-2

R.T.: 5.573 min  
Delta R.T.: 0.001 min  
Response: 90326120  
Conc: 423.14 ng/ml



#4 AR-1016-2

R.T.: 4.815 min  
Delta R.T.: 0.000 min  
Response: 56523285  
Conc: 496.31 ng/ml



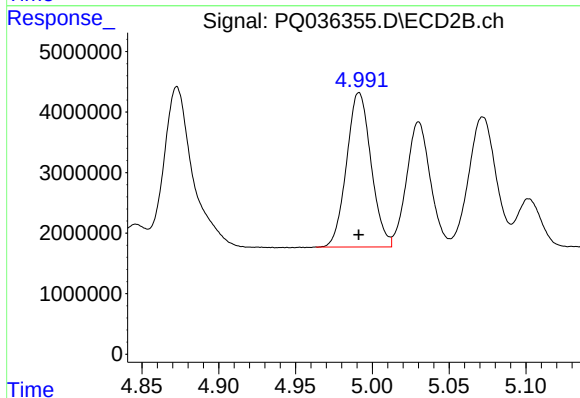
#5 AR-1016-3

R.T.: 5.635 min  
Delta R.T.: 0.000 min  
Response: 52746556  
Conc: 425.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

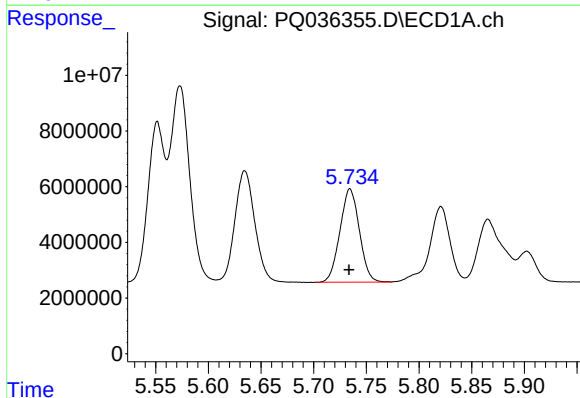
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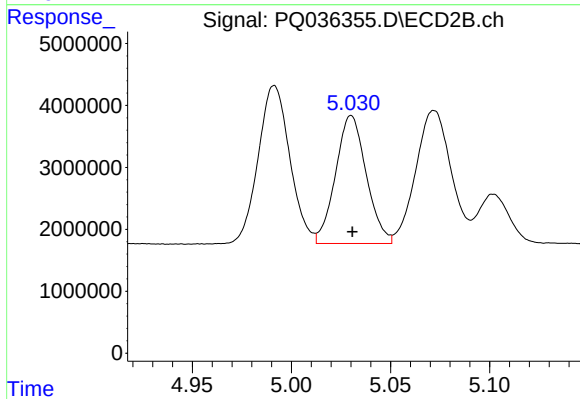
#5 AR-1016-3

R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 28313311  
Conc: 489.40 ng/ml



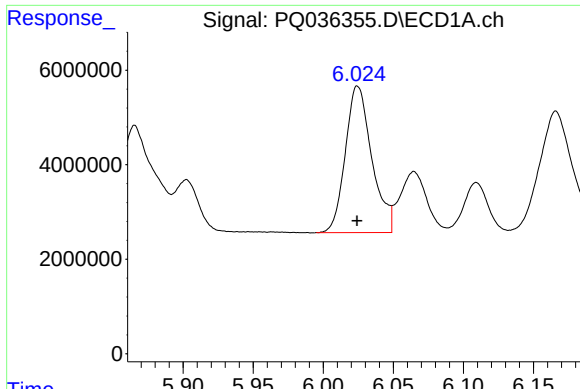
#6 AR-1016-4

R.T.: 5.734 min  
Delta R.T.: 0.000 min  
Response: 43001303  
Conc: 424.66 ng/ml



#6 AR-1016-4

R.T.: 5.030 min  
Delta R.T.: 0.000 min  
Response: 22310145  
Conc: 473.29 ng/ml



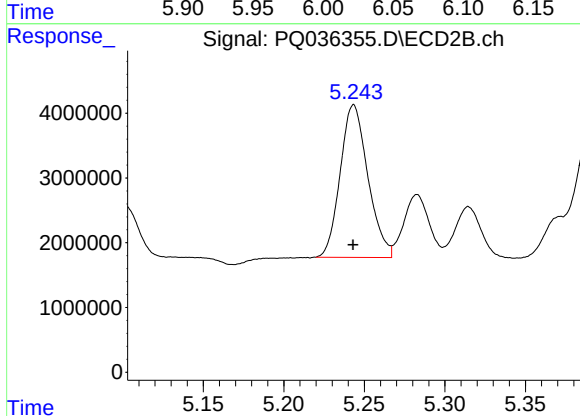
#7 AR-1016-5

R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 40776932  
Conc: 408.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

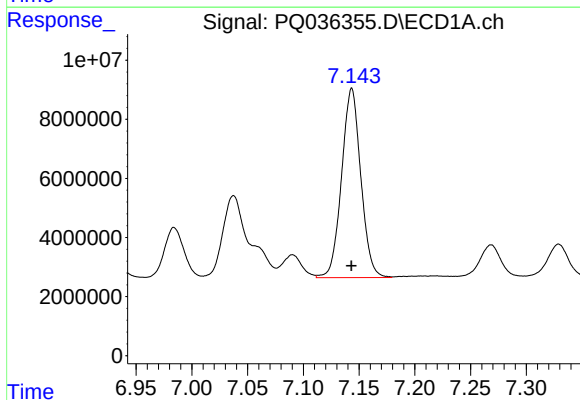
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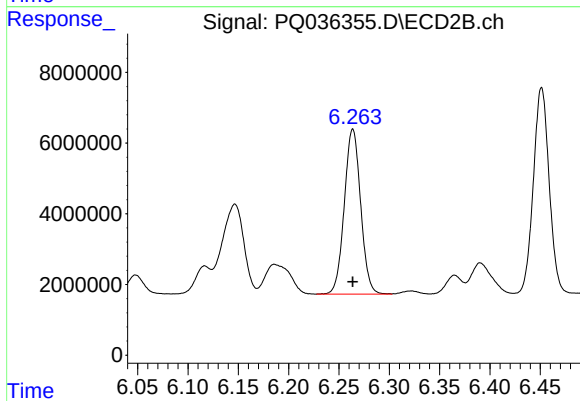
#7 AR-1016-5

R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 28186763  
Conc: 463.33 ng/ml



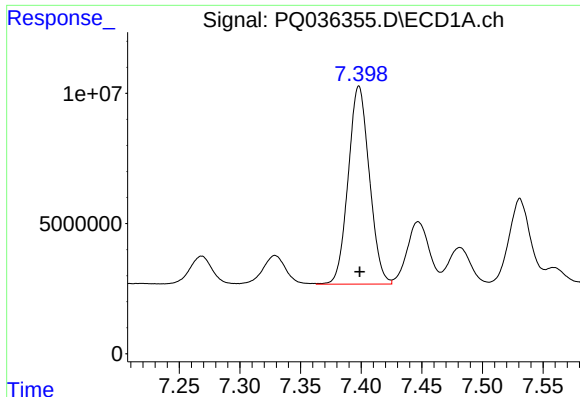
#31 AR-1260-1

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 76878171  
Conc: 403.79 ng/ml m



#31 AR-1260-1

R.T.: 6.264 min  
Delta R.T.: 0.000 min  
Response: 52785484  
Conc: 443.30 ng/ml



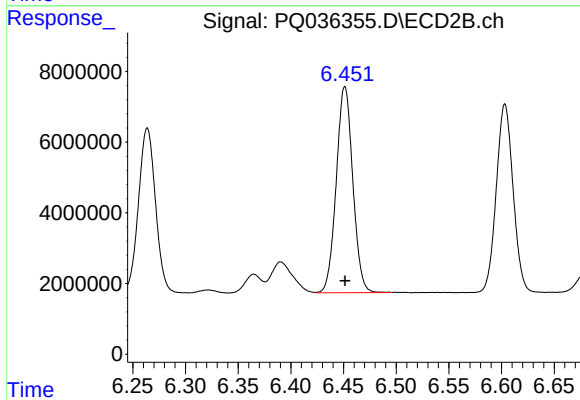
#32 AR-1260-2

R.T.: 7.398 min  
Delta R.T.: 0.000 min  
Response: 92365600  
Conc: 402.48 ng/ml m

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

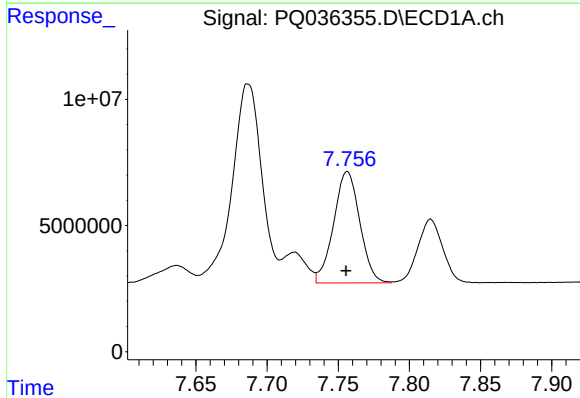
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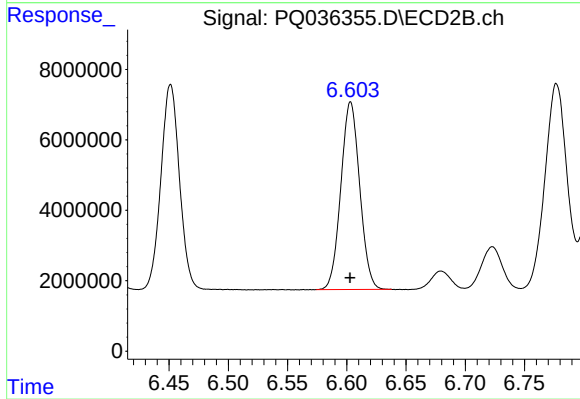
#32 AR-1260-2

R.T.: 6.451 min  
Delta R.T.: 0.000 min  
Response: 63807516  
Conc: 444.44 ng/ml



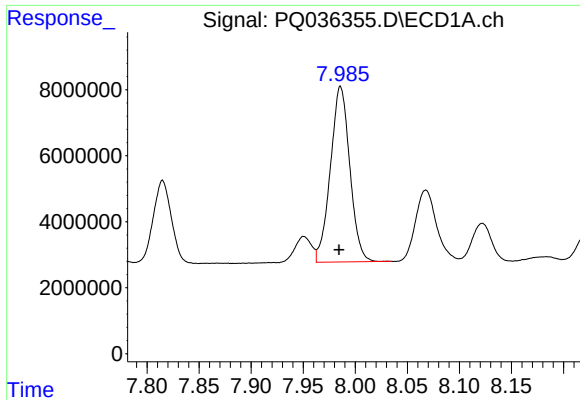
#33 AR-1260-3

R.T.: 7.756 min  
Delta R.T.: 0.000 min  
Response: 56453521  
Conc: 400.92 ng/ml



#33 AR-1260-3

R.T.: 6.603 min  
Delta R.T.: 0.000 min  
Response: 59053899  
Conc: 447.25 ng/ml



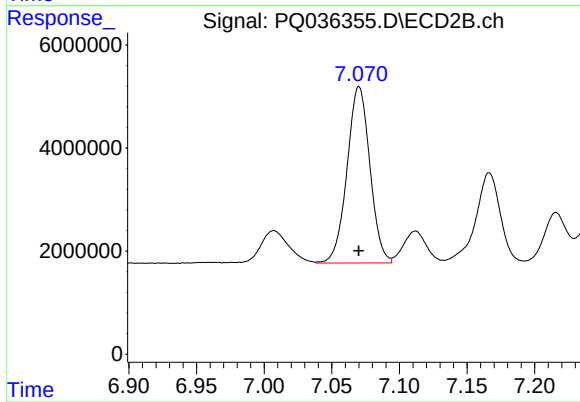
#34 AR-1260-4

R.T.: 7.986 min  
Delta R.T.: 0.001 min  
Response: 68998153  
Conc: 400.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

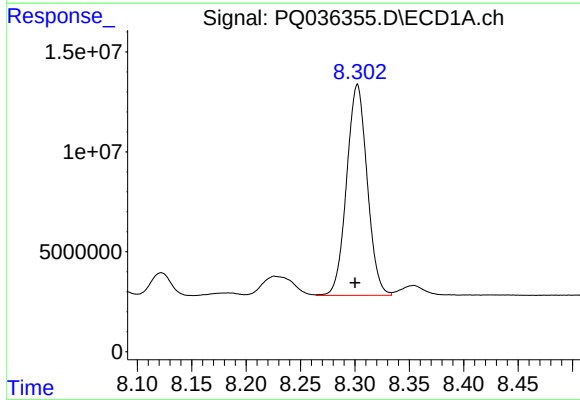
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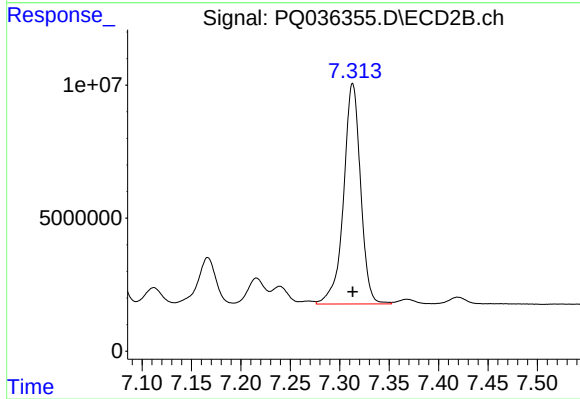
#34 AR-1260-4

R.T.: 7.070 min  
Delta R.T.: 0.000 min  
Response: 40296443  
Conc: 448.28 ng/ml



#35 AR-1260-5

R.T.: 8.302 min  
Delta R.T.: 0.002 min  
Response: 138639085  
Conc: 413.04 ng/ml



#35 AR-1260-5

R.T.: 7.313 min  
Delta R.T.: 0.000 min  
Response: 99361447  
Conc: 449.74 ng/ml