

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121018\  
 Data File : PQ035333.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Dec 2018 16:37  
 Operator : SM\SJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
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 12/11/2018 10:33:54 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 10 16:50:58 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ120518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 07 10:45:05 2018  
 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... | 4.455  | 3.746 | 249.1E6  | 138.4E6  | 62.302  | 62.947m |
| 2)                          | SA Decachlor... | 10.193 | 8.748 | 176.3E6  | 103.1E6  | 46.472  | 44.457  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 3)                          | L1 AR-1016-1    | 5.625  | 4.831 | 74884707 | 45977088 | 531.903 | 550.430 |
| 4)                          | L1 AR-1016-2    | 5.647  | 4.849 | 115.6E6  | 66604995 | 540.910 | 528.211 |
| 5)                          | L1 AR-1016-3    | 5.709  | 5.026 | 68637923 | 34733480 | 532.183 | 529.106 |
| 6)                          | L1 AR-1016-4    | 5.809  | 5.065 | 55902312 | 27791989 | 528.959 | 534.262 |
| 7)                          | L1 AR-1016-5    | 6.102  | 5.279 | 54079620 | 36456076 | 514.586 | 528.995 |
| 31)                         | L7 AR-1260-1    | 7.228  | 6.307 | 107.1E6  | 72994115 | 470.797 | 483.659 |
| 32)                         | L7 AR-1260-2    | 7.485  | 6.495 | 128.9E6  | 87339799 | 470.330 | 460.309 |
| 33)                         | L7 AR-1260-3    | 7.845  | 6.648 | 76395389 | 82475974 | 462.067 | 470.913 |
| 34)                         | L7 AR-1260-4    | 8.073  | 7.118 | 86758972 | 54025592 | 411.665 | 452.626 |
| 35)                         | L7 AR-1260-5    | 8.395  | 7.361 | 174.6E6  | 132.3E6  | 429.612 | 439.638 |
| -----                       |                 |        |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121018\  
Data File : PQ035333.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Dec 2018 16:37  
Operator : SM\SJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

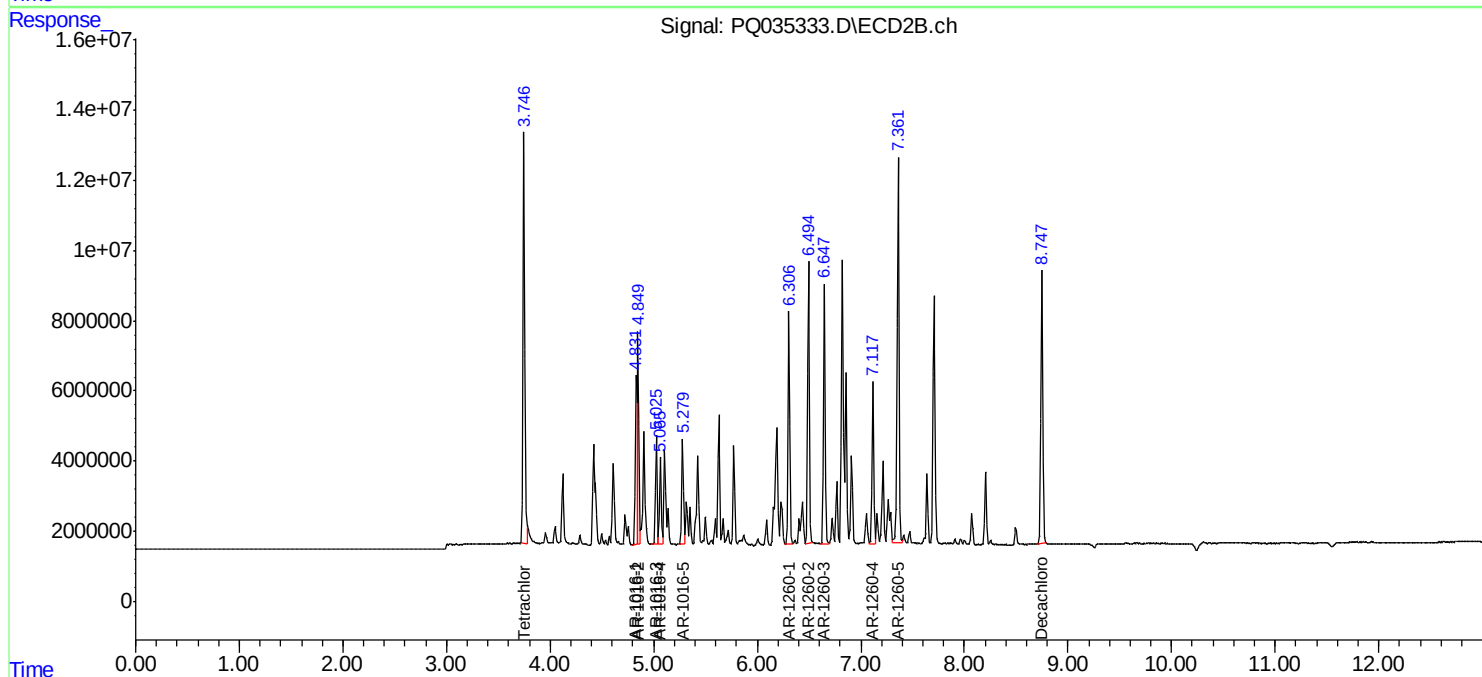
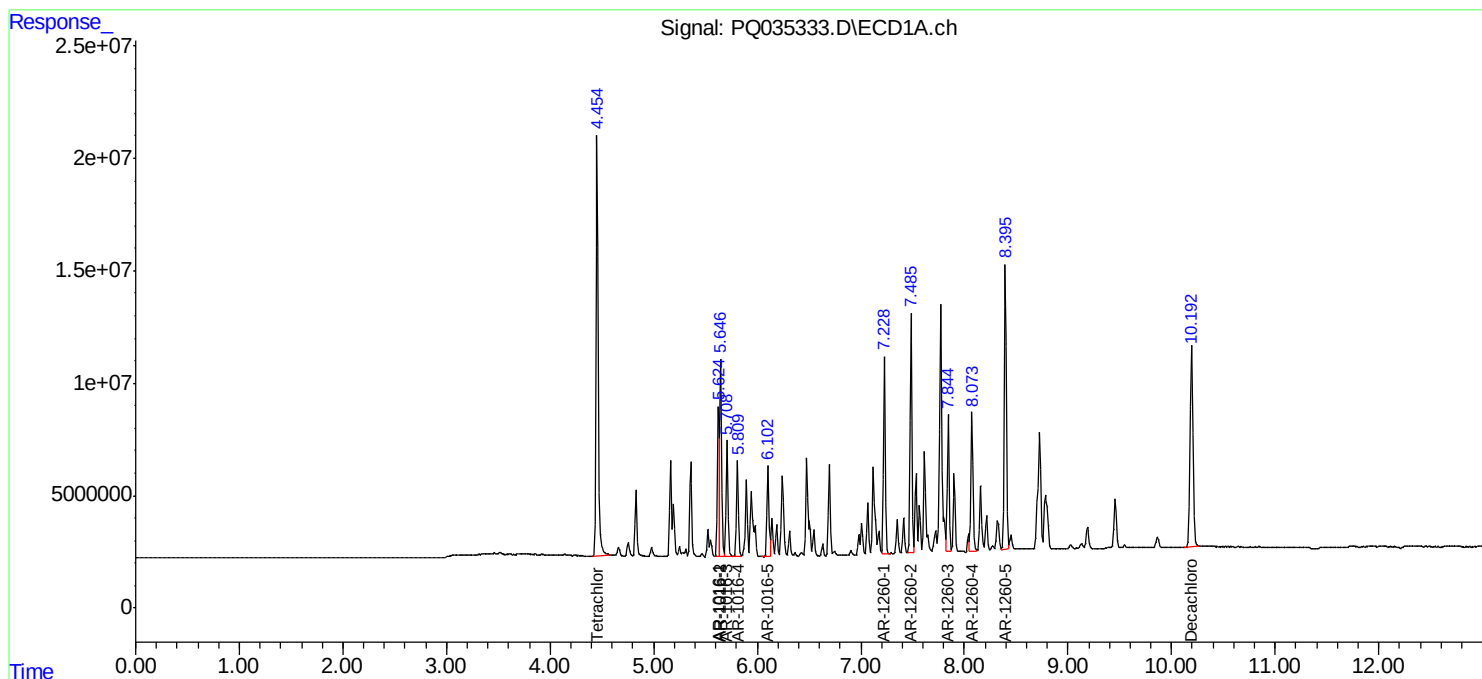
Instrument :  
ECD\_Q  
ClientSampled :  
AR1660CCC500

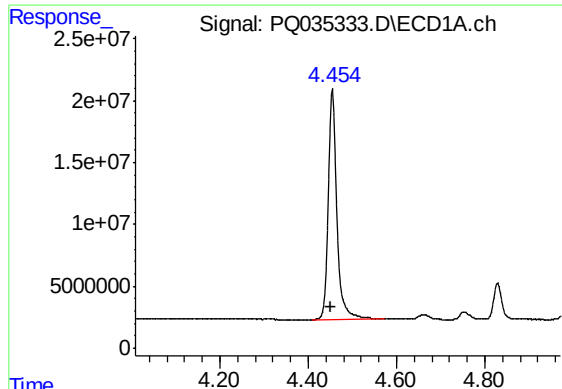
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 10 16:50:58 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ120518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 07 10:45:05 2018  
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





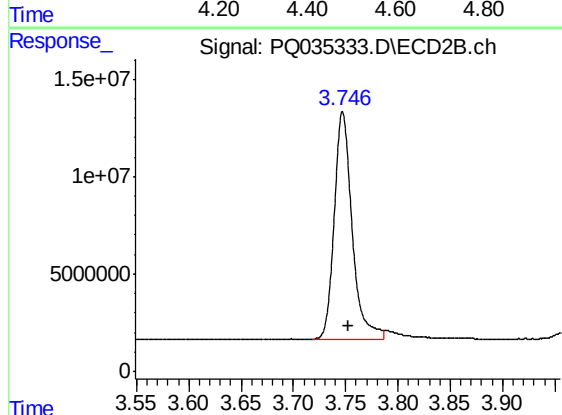
#1 Tetrachloro-m-xylene

R.T.: 4.455 min  
Delta R.T.: 0.003 min  
Response: 249069616  
Conc: 62.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

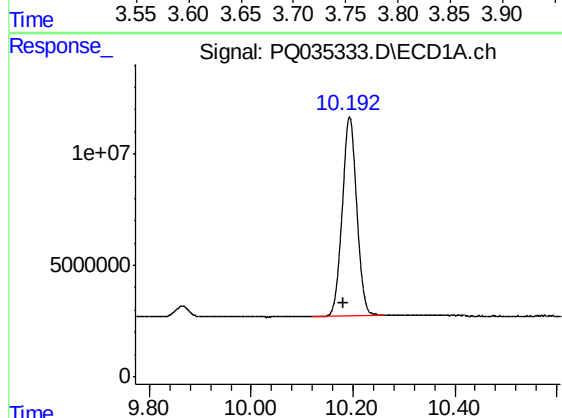
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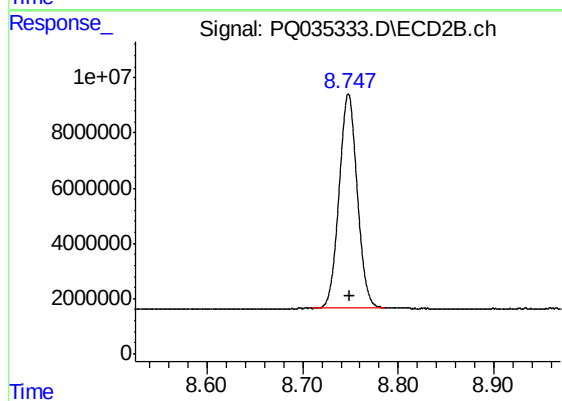
#1 Tetrachloro-m-xylene

R.T.: 3.746 min  
Delta R.T.: -0.007 min  
Response: 138382794  
Conc: 62.95 ng/ml m



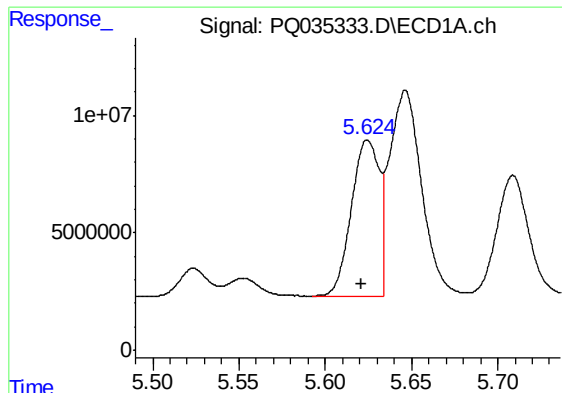
#2 Decachlorobiphenyl

R.T.: 10.193 min  
Delta R.T.: 0.011 min  
Response: 176268482  
Conc: 46.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.748 min  
Delta R.T.: 0.000 min  
Response: 103069366  
Conc: 44.46 ng/ml



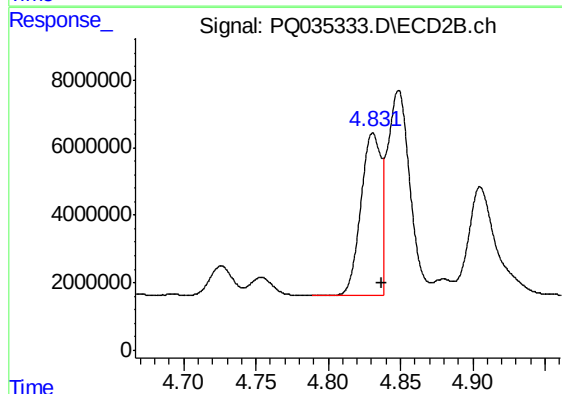
#3 AR-1016-1

R.T.: 5.625 min  
Delta R.T.: 0.003 min  
Response: 74884707  
Conc: 531.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

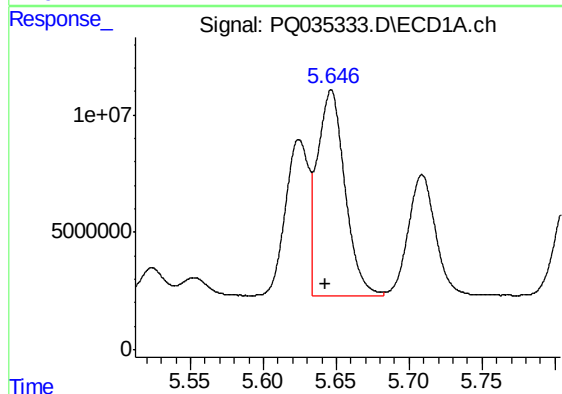
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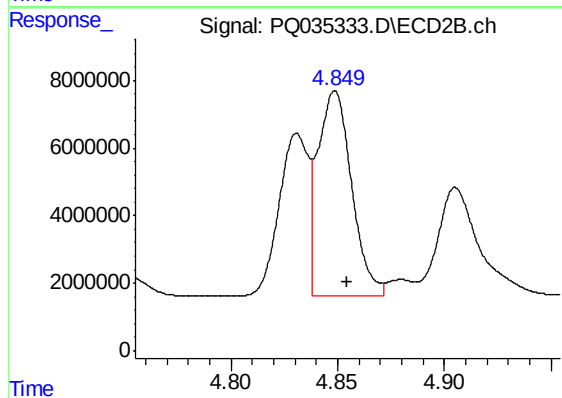
#3 AR-1016-1

R.T.: 4.831 min  
Delta R.T.: -0.006 min  
Response: 45977088  
Conc: 550.43 ng/ml



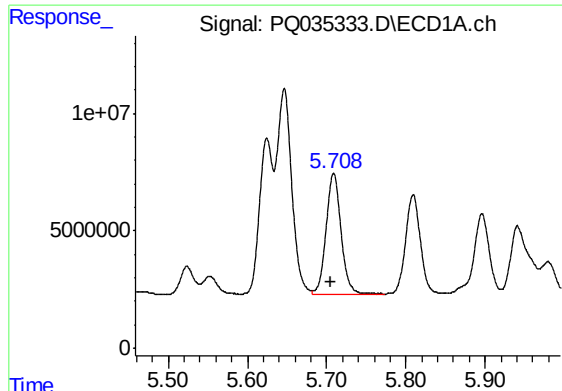
#4 AR-1016-2

R.T.: 5.647 min  
Delta R.T.: 0.004 min  
Response: 115554270  
Conc: 540.91 ng/ml



#4 AR-1016-2

R.T.: 4.849 min  
Delta R.T.: -0.006 min  
Response: 66604995  
Conc: 528.21 ng/ml



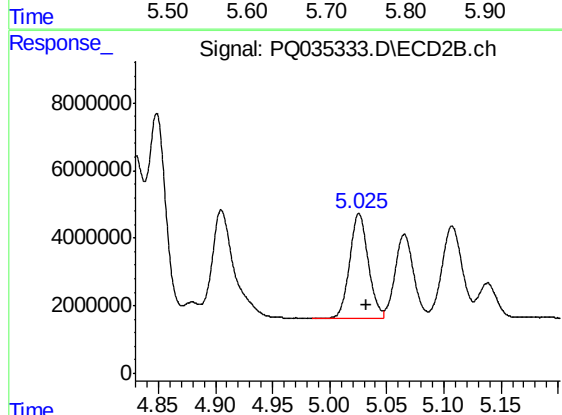
#5 AR-1016-3

R.T.: 5.709 min  
Delta R.T.: 0.004 min  
Response: 68637923  
Conc: 532.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

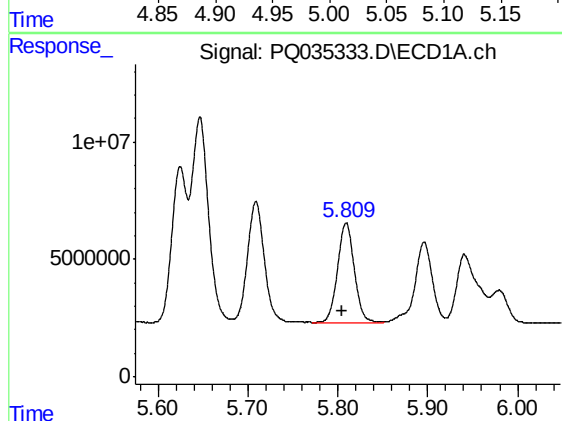
Manual Integrations  
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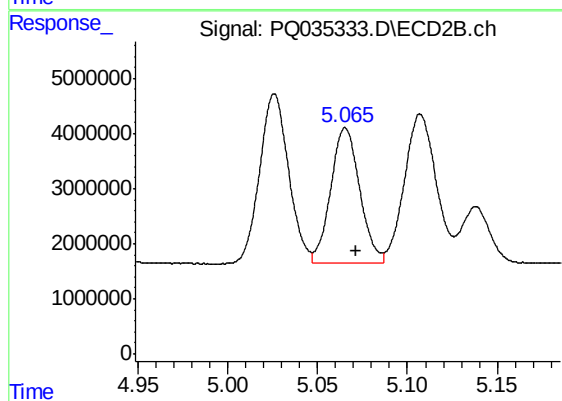
#5 AR-1016-3

R.T.: 5.026 min  
Delta R.T.: -0.006 min  
Response: 34733480  
Conc: 529.11 ng/ml



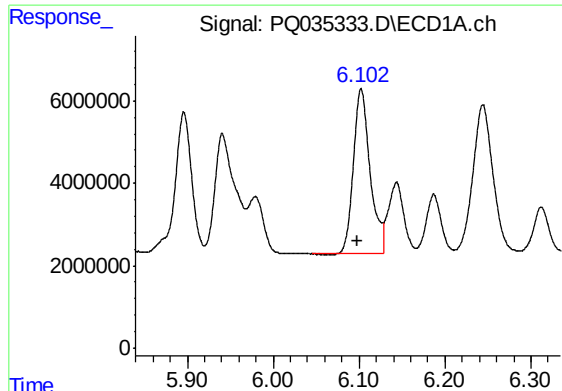
#6 AR-1016-4

R.T.: 5.809 min  
Delta R.T.: 0.004 min  
Response: 55902312  
Conc: 528.96 ng/ml



#6 AR-1016-4

R.T.: 5.065 min  
Delta R.T.: -0.006 min  
Response: 27791989  
Conc: 534.26 ng/ml



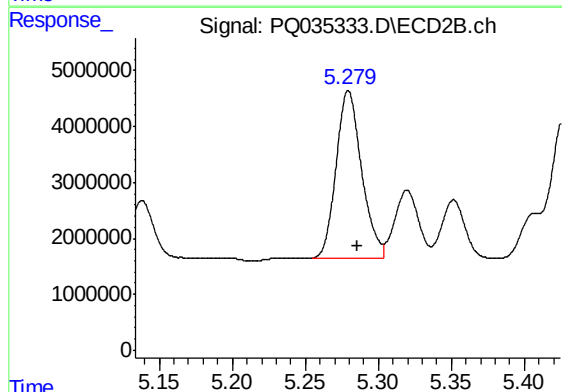
#7 AR-1016-5

R.T.: 6.102 min  
Delta R.T.: 0.005 min  
Response: 54079620  
Conc: 514.59 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

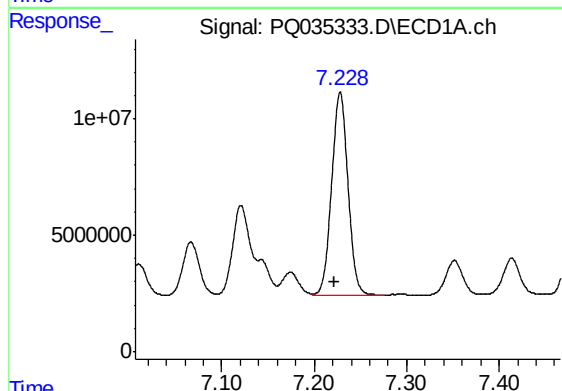
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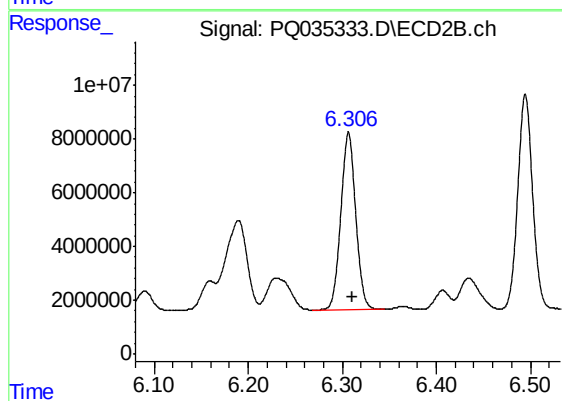
#7 AR-1016-5

R.T.: 5.279 min  
Delta R.T.: -0.006 min  
Response: 36456076  
Conc: 529.00 ng/ml



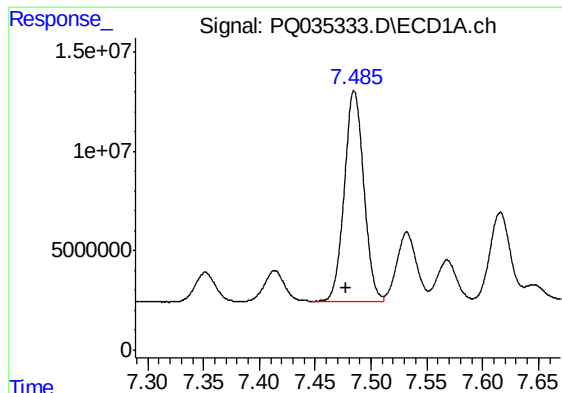
#31 AR-1260-1

R.T.: 7.228 min  
Delta R.T.: 0.007 min  
Response: 107061884  
Conc: 470.80 ng/ml



#31 AR-1260-1

R.T.: 6.307 min  
Delta R.T.: -0.005 min  
Response: 72994115  
Conc: 483.66 ng/ml



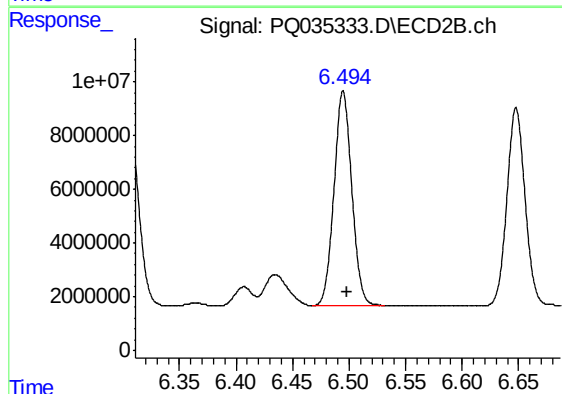
#32 AR-1260-2

R.T.: 7.485 min  
Delta R.T.: 0.007 min  
Response: 128924002  
Conc: 470.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

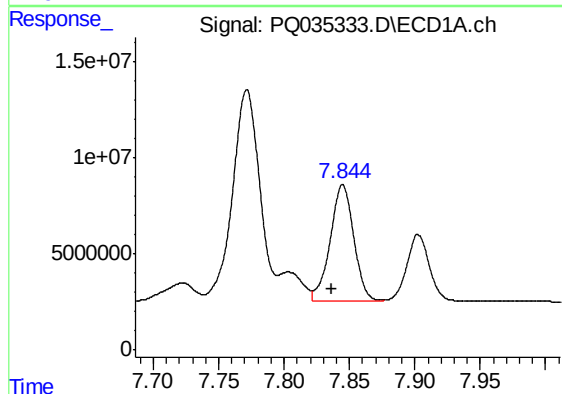
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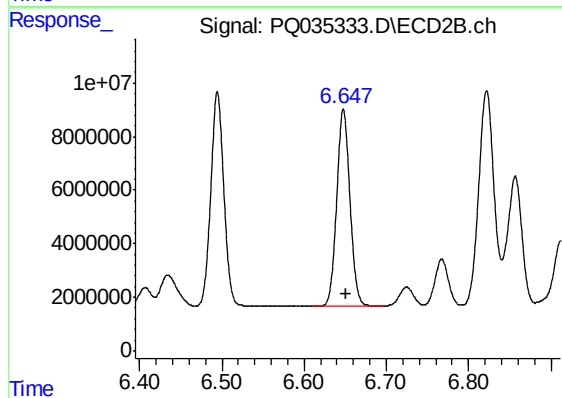
#32 AR-1260-2

R.T.: 6.495 min  
Delta R.T.: -0.004 min  
Response: 87339799  
Conc: 460.31 ng/ml



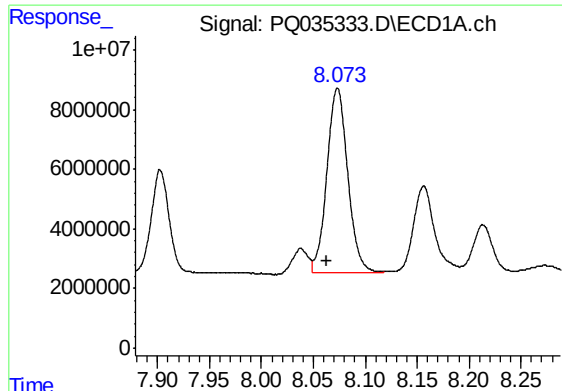
#33 AR-1260-3

R.T.: 7.845 min  
Delta R.T.: 0.008 min  
Response: 76395389  
Conc: 462.07 ng/ml



#33 AR-1260-3

R.T.: 6.648 min  
Delta R.T.: -0.004 min  
Response: 82475974  
Conc: 470.91 ng/ml



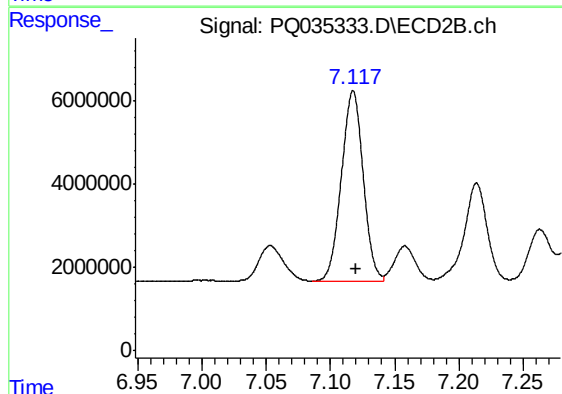
#34 AR-1260-4

R.T.: 8.073 min  
Delta R.T.: 0.010 min  
Response: 86758972  
Conc: 411.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

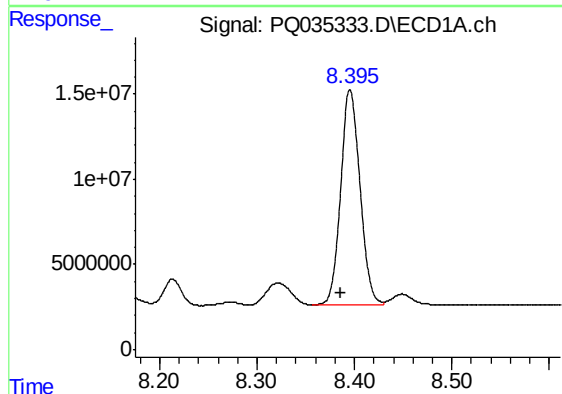
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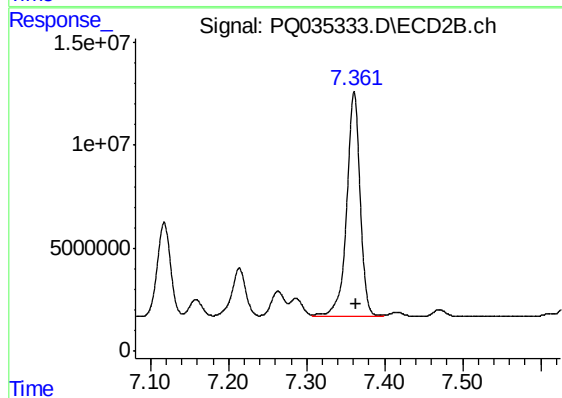
#34 AR-1260-4

R.T.: 7.118 min  
Delta R.T.: -0.003 min  
Response: 54025592  
Conc: 452.63 ng/ml



#35 AR-1260-5

R.T.: 8.395 min  
Delta R.T.: 0.010 min  
Response: 174560400  
Conc: 429.61 ng/ml



#35 AR-1260-5

R.T.: 7.361 min  
Delta R.T.: -0.002 min  
Response: 132292228  
Conc: 439.64 ng/ml