Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051519\
Data File : PQ039776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2019 17:20
Operator : AJ\MA
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
Ankita
5/15/2019 2:04:43 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 04:20:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050919.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 14 17:39:33 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... | 5.642 | 4.748 | 249.8E6 | 193.4E6 | 43.698 | 52.688 |
| 2) | SA Decachlor... | 12.011 | 10.499 | 249.2E6 | 168.3E6 | 38.573m | 50.791 # |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 7.093 | 6.199 | 82868250 | 70690773 | 435.178m | 569.104m# |
| 4) | L1 AR-1016-2 | 7.118 | 6.222 | 125.6E6 | 104.9E6 | 447.517 | 599.623 # |
| 5) | L1 AR-1016-3 | 7.189 | 6.436 | 77012682 | 54904682 | 456.273 | 532.089 |
| 6) | L1 AR-1016-4 | 7.303 | 6.491 | 63162410 | 42686510 | 445.633 | 563.288 # |
| 7) | L1 AR-1016-5 | 7.636 | 6.744 | 61181282 | 56213738 | 441.980m | 583.301 # |
| 31) | L7 AR-1260-1 | 8.860 | 7.910 | 110.2E6 | 102.9E6 | 432.055 | 580.867 # |
| 32) | L7 AR-1260-2 | 9.131 | 8.115 | 133.6E6 | 126.4E6 | 428.606 | 576.139 # |
| 33) | L7 AR-1260-3 | 9.507 | 8.280 | 106.3E6 | 118.3E6 | 425.139 | 571.867 # |
| 34) | L7 AR-1260-4 | 9.749 | 8.778 | 120.5E6 | 98413651 | 417.497 | 564.012m# |
| 35) | L7 AR-1260-5 | 10.092 | 9.031 | 241.4E6 | 228.3E6 | 408.456 | 538.589 # |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051519\
Data File : PQ039776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2019 17:20
Operator : AJ\MA
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
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Integration File signal 1: autoint1.e
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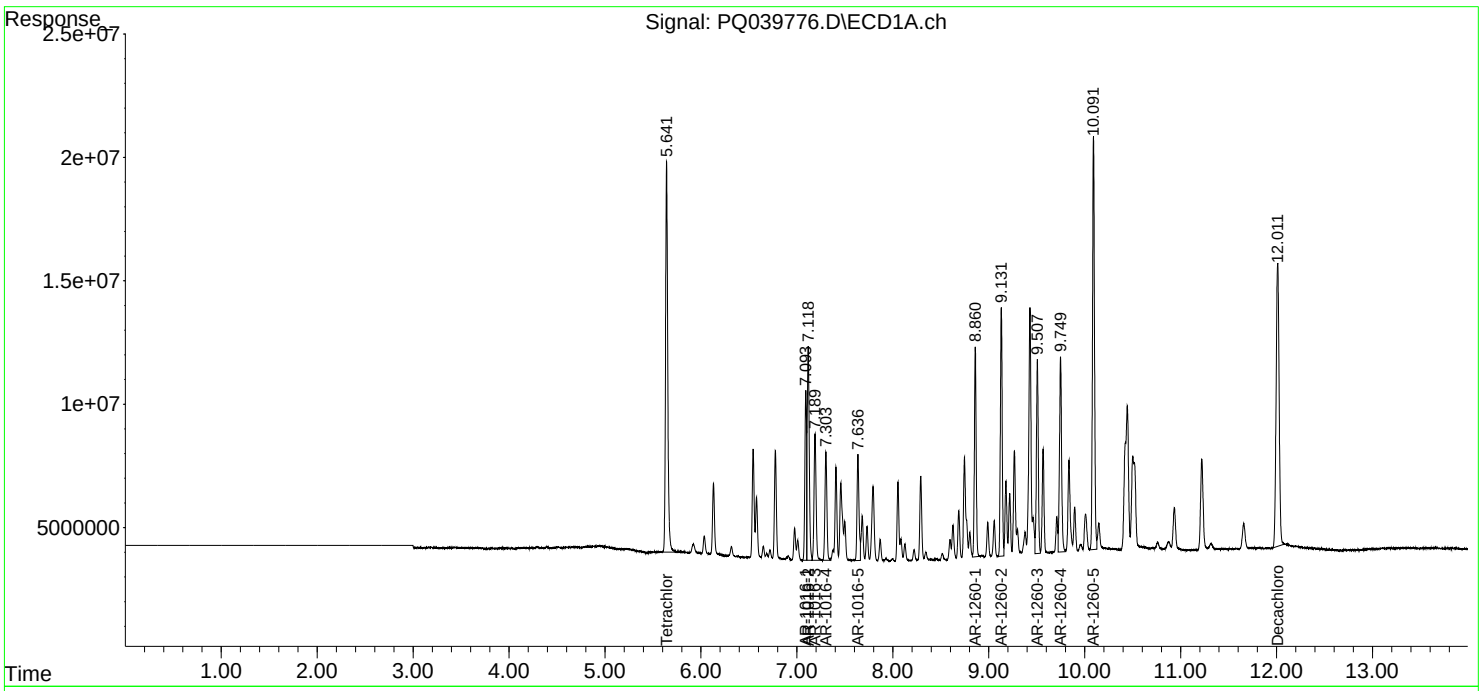
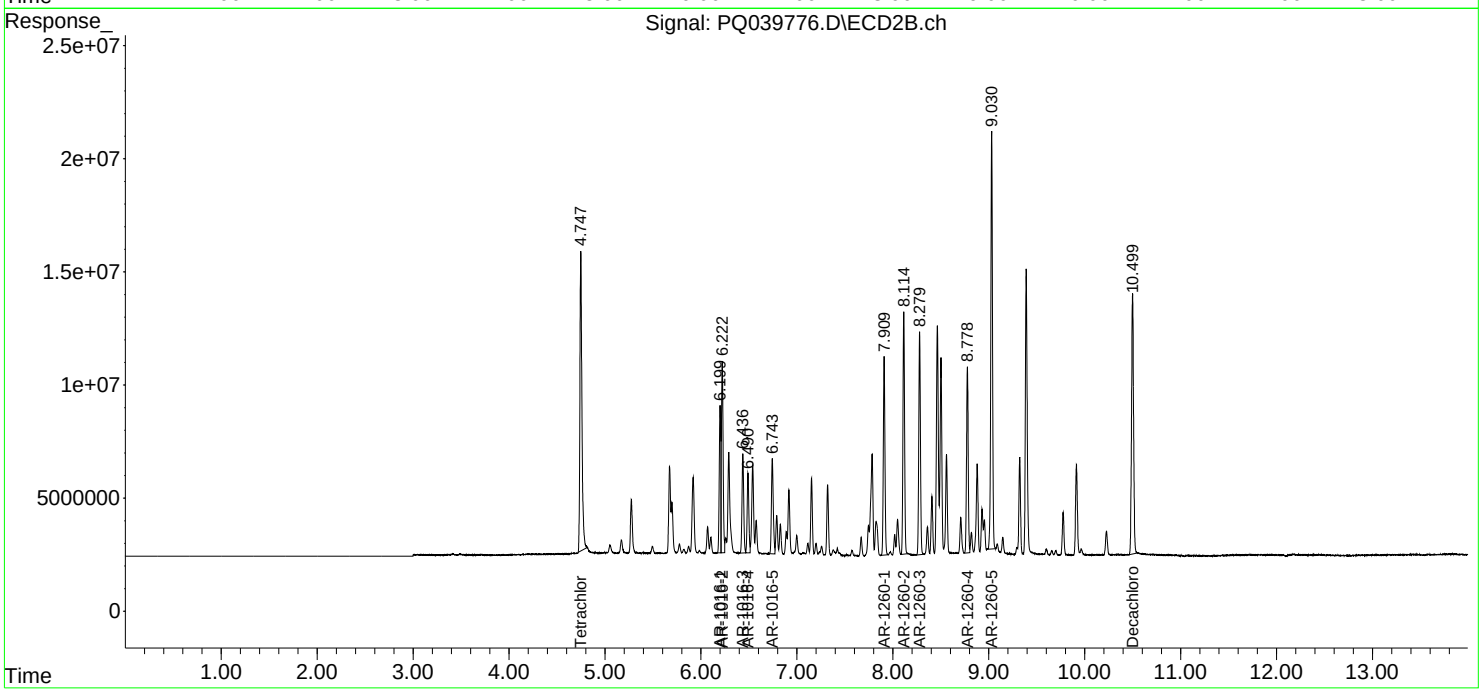
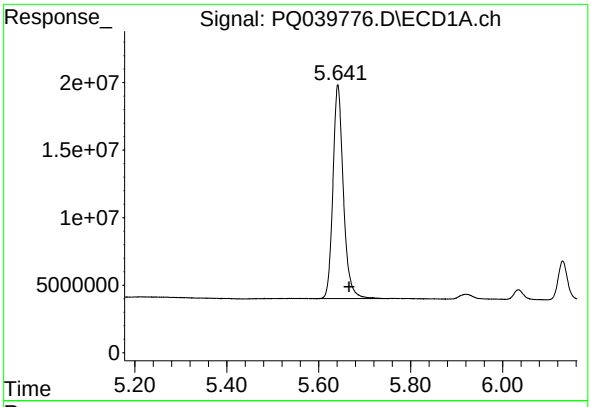
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm






#1 Tetrachloro-m-xylene

R.T.: 5.642 min
Delta R.T.: -0.024 min
Response: 249793909
Conc: 43.70 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
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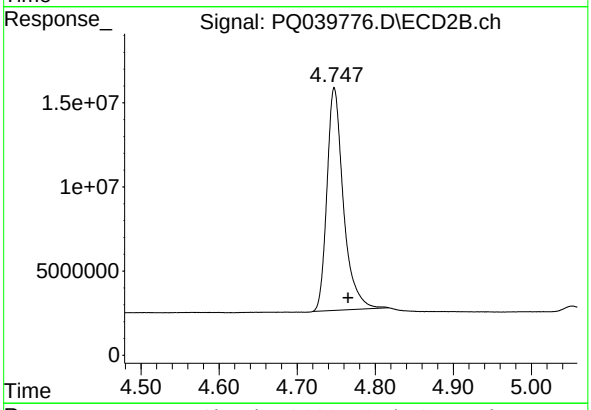
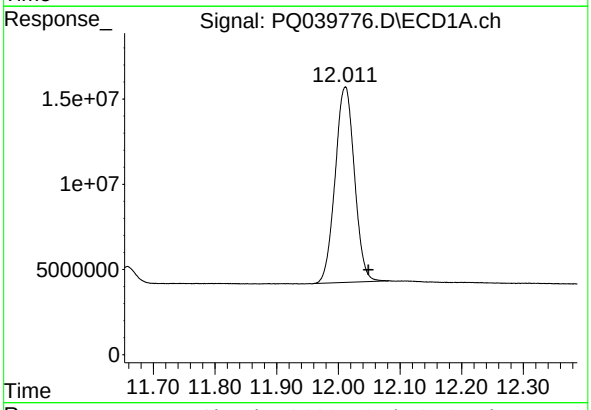


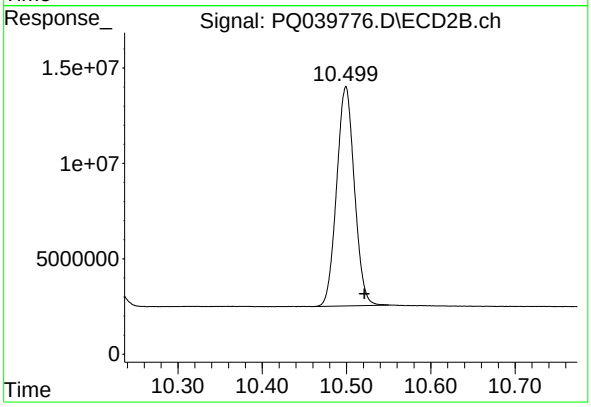

#1 Tetrachloro-m-xylene

R.T.: 4.748 min
Delta R.T.: -0.018 min
Response: 193357499
Conc: 52.69 ng/ml



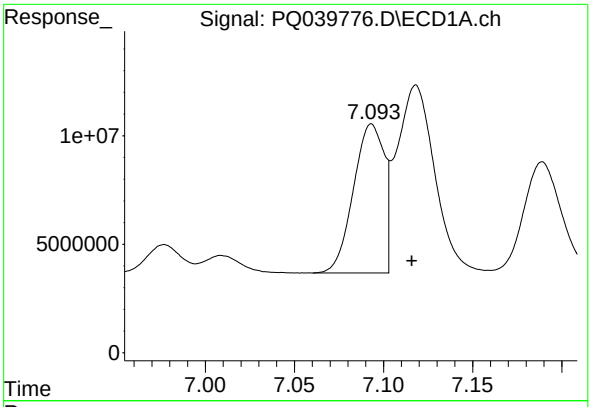

#2 Decachlorobiphenyl

R.T.: 12.011 min
Delta R.T.: -0.037 min
Response: 249236075
Conc: 38.57 ng/ml m




#2 Decachlorobiphenyl

R.T.: 10.499 min
Delta R.T.: -0.022 min
Response: 168290887
Conc: 50.79 ng/ml




#3 AR-1016-1

R.T.: 7.093 min
Delta R.T.: -0.023 min
Response: 82868250
Conc: 435.18 ng/ml m

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
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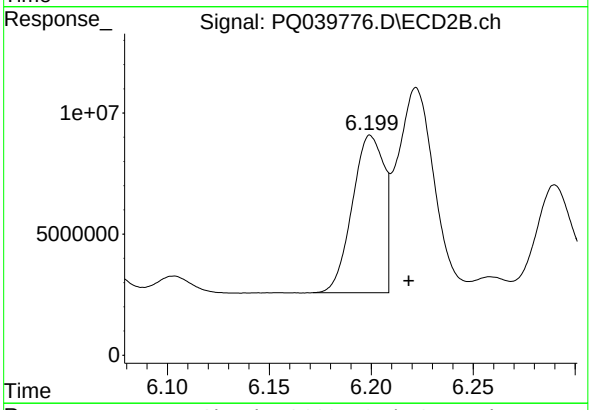
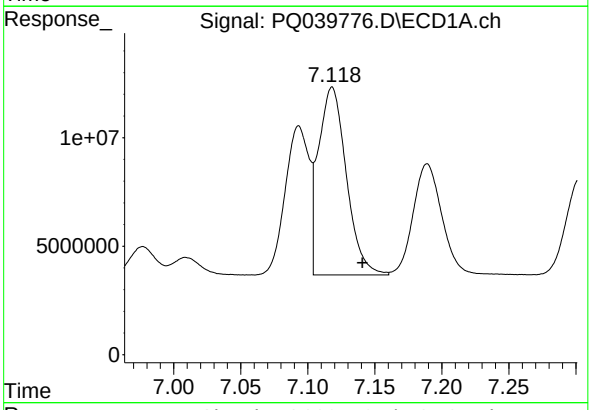


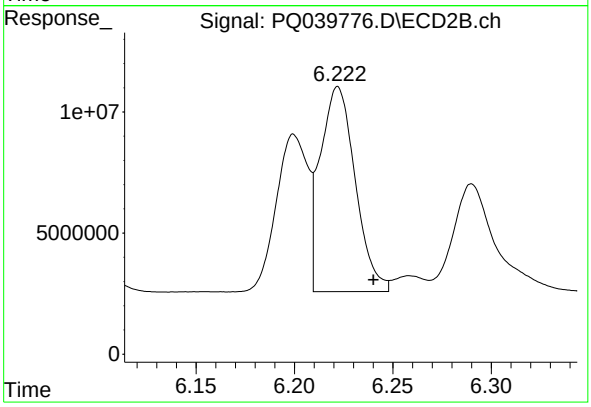

#3 AR-1016-1

R.T.: 6.199 min
Delta R.T.: -0.019 min
Response: 70690773
Conc: 569.10 ng/ml m



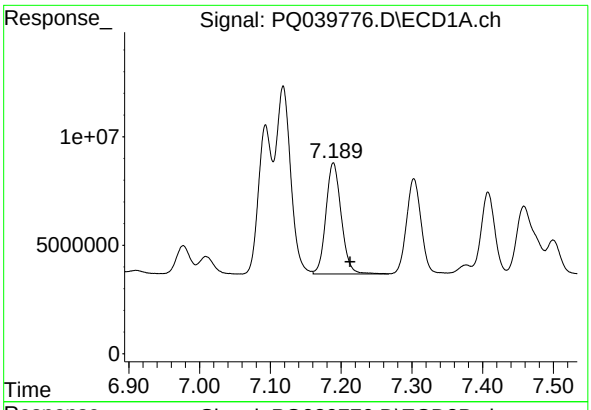

#4 AR-1016-2

R.T.: 7.118 min
Delta R.T.: -0.023 min
Response: 125570971
Conc: 447.52 ng/ml




#4 AR-1016-2

R.T.: 6.222 min
Delta R.T.: -0.018 min
Response: 104925012
Conc: 599.62 ng/ml




#5 AR-1016-3

R.T.: 7.189 min
Delta R.T.: -0.023 min
Response: 77012682
Conc: 456.27 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
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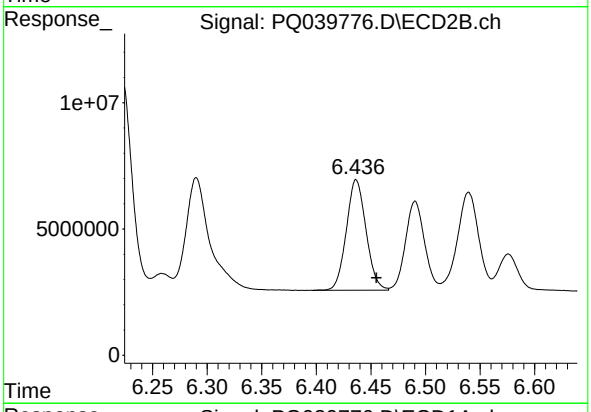
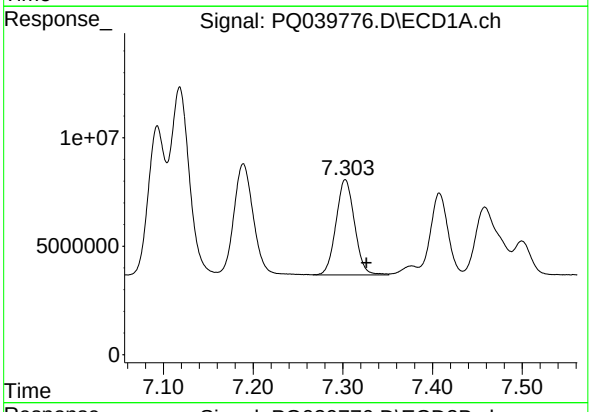
5/15/2019 2:04:43 PM



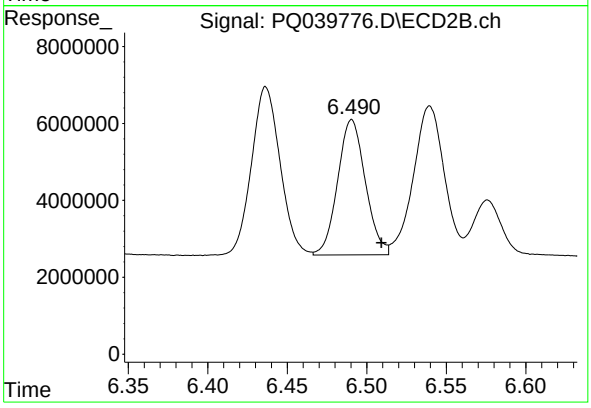

#5 AR-1016-3

R.T.: 6.436 min
Delta R.T.: -0.019 min
Response: 54904682
Conc: 532.09 ng/ml



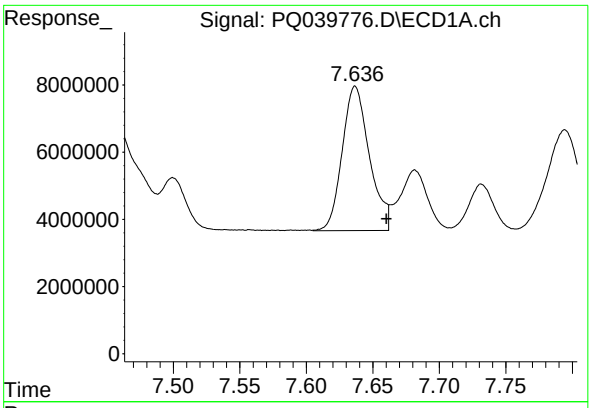

#6 AR-1016-4

R.T.: 7.303 min
Delta R.T.: -0.023 min
Response: 63162410
Conc: 445.63 ng/ml




#6 AR-1016-4

R.T.: 6.491 min
Delta R.T.: -0.019 min
Response: 42686510
Conc: 563.29 ng/ml




#7 AR-1016-5

R.T.: 7.636 min
Delta R.T.: -0.024 min
Response: 61181282
Conc: 441.98 ng/ml m

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

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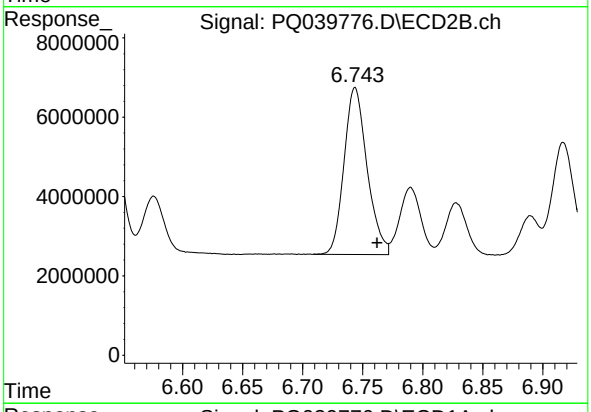
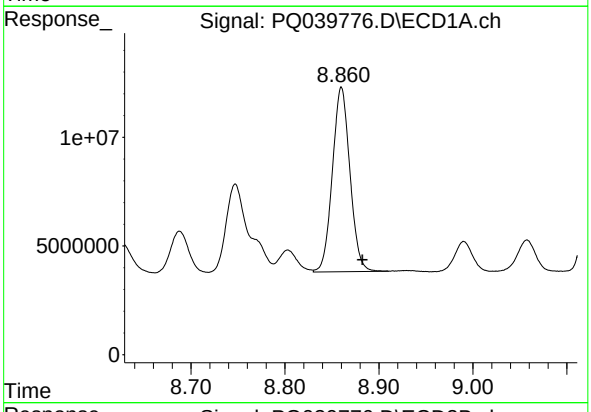


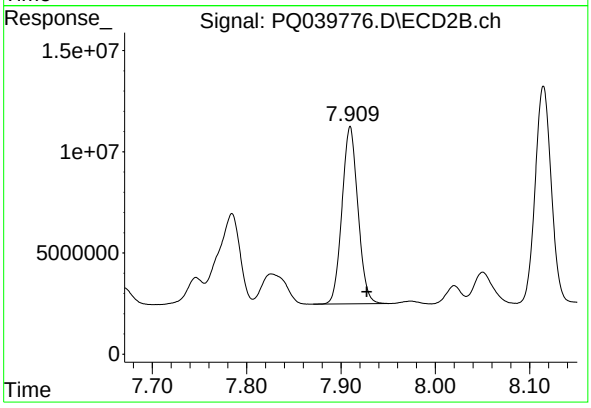

#7 AR-1016-5

R.T.: 6.744 min
Delta R.T.: -0.018 min
Response: 56213738
Conc: 583.30 ng/ml



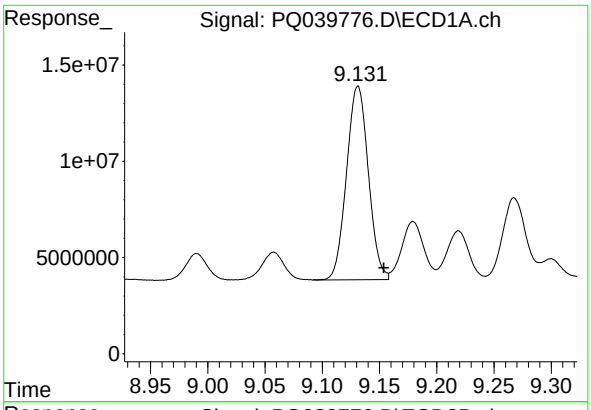

#31 AR-1260-1

R.T.: 8.860 min
Delta R.T.: -0.022 min
Response: 110166887
Conc: 432.06 ng/ml




#31 AR-1260-1

R.T.: 7.910 min
Delta R.T.: -0.018 min
Response: 102870911
Conc: 580.87 ng/ml




#32 AR-1260-2

R.T.: 9.131 min
Delta R.T.: -0.022 min
Response: 133588961
Conc: 428.61 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
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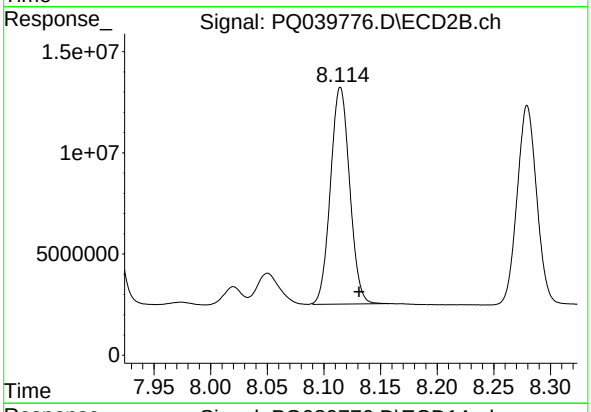
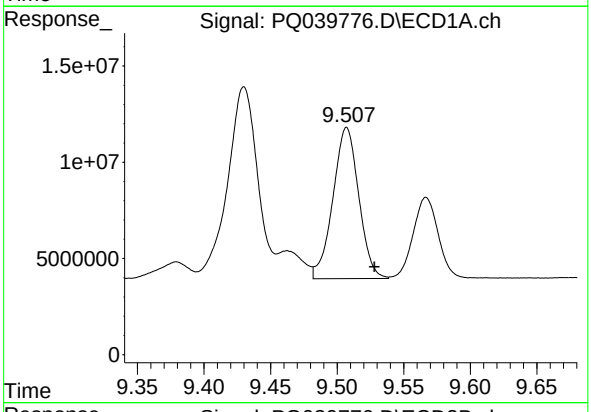


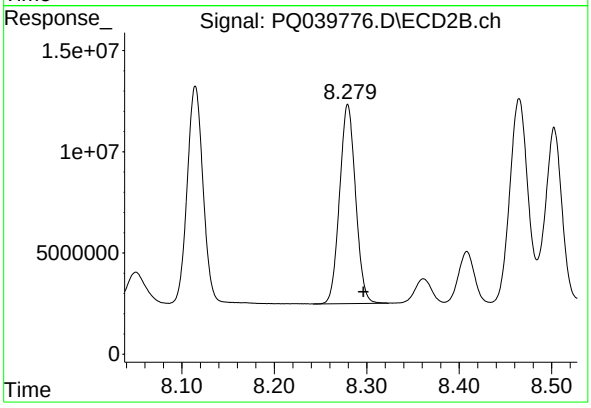

#32 AR-1260-2

R.T.: 8.115 min
Delta R.T.: -0.017 min
Response: 126417333
Conc: 576.14 ng/ml



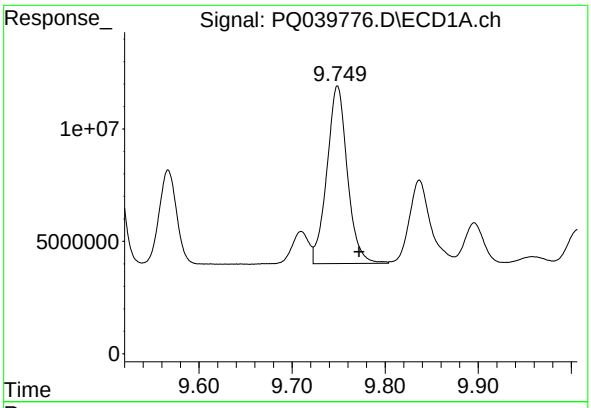

#33 AR-1260-3

R.T.: 9.507 min
Delta R.T.: -0.021 min
Response: 106268944
Conc: 425.14 ng/ml




#33 AR-1260-3

R.T.: 8.280 min
Delta R.T.: -0.017 min
Response: 118266109
Conc: 571.87 ng/ml




#34 AR-1260-4

R.T.: 9.749 min
Delta R.T.: -0.023 min
Response: 120454340
Conc: 417.50 ng/ml

**Instrument :**
ECD_Q
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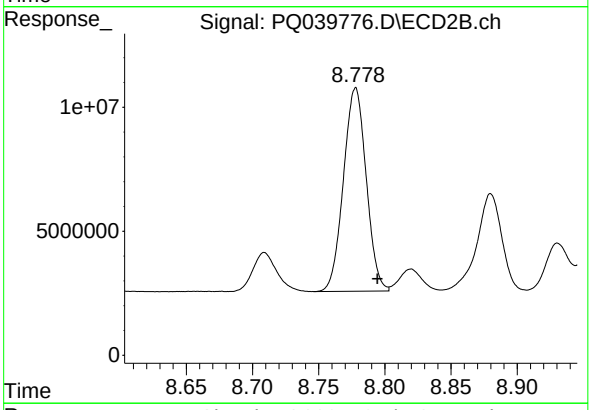
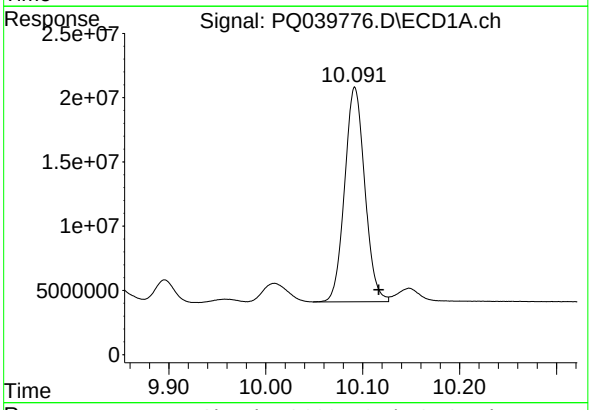


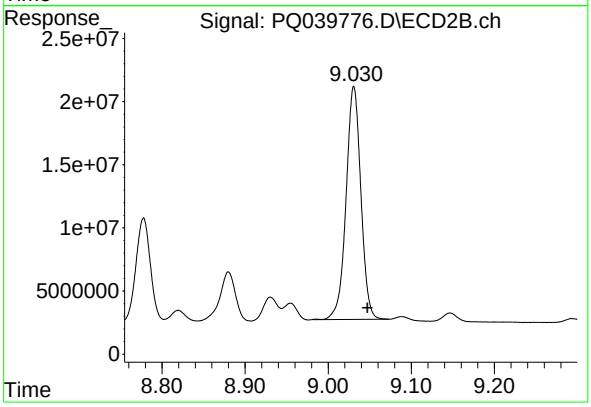

#34 AR-1260-4

R.T.: 8.778 min
Delta R.T.: -0.016 min
Response: 98413651
Conc: 564.01 ng/ml m




#35 AR-1260-5

R.T.: 10.092 min
Delta R.T.: -0.025 min
Response: 241427976
Conc: 408.46 ng/ml




#35 AR-1260-5

R.T.: 9.031 min
Delta R.T.: -0.016 min
Response: 228340621
Conc: 538.59 ng/ml