

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101018\  
 Data File : PQ032798.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2018 08:35  
 Operator : SM\SJ  
 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 03:12:43 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100918CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 10 08:14:42 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 4.581  | 3.860 | 49981224 | 38242194 | 24.364   | 24.588     |
| 2)                          | SA Decachlor... | 10.423 | 8.922 | 85951339 | 73089076 | 45.470   | 45.466     |
|                             |                 |        |       |          |          |          |            |
| Target Compounds            |                 |        |       |          |          |          |            |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.191 | 0        | 19098699 | N.D.     | 460.429 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.191 | 0        | 19098699 | N.D.     | 557.401 #  |
| 7)                          | L1 AR-1016-5    | 6.237  | 5.407 | 14573268 | 12113120 | 282.806  | 265.110    |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.191 | 0        | 19098699 | N.D.     | 975.130 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.232 | 0        | 4956851  | N.D.     | 288.807 #  |
| 15)                         | L3 AR-1232-5    | 6.030  | 5.407 | 23148769 | 12113120 | 1298.000 | 621.182 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.191 | 0        | 19098699 | N.D.     | 521.386 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.232 | 0        | 4956851  | N.D.     | 134.576 #  |
| 20)                         | L4 AR-1242-5    | 6.683  | 5.759 | 13389168 | 52117581 | 271.600  | 1084.889 # |
| 22)                         | L5 AR-1248-2    | 6.030  | 5.191 | 23148769 | 19098699 | 314.726  | 347.632    |
| 23)                         | L5 AR-1248-3    | 6.237  | 5.232 | 14573268 | 4956851  | 178.322  | 88.511 #   |
| 24)                         | L5 AR-1248-4    | 6.641  | 5.407 | 21154906 | 12113120 | 225.842  | 175.632    |
| 25)                         | L5 AR-1248-5    | 6.683  | 5.801 | 13389168 | 5930656  | 150.765  | 85.793 #   |
| 26)                         | L6 AR-1254-1    | 6.615  | 5.759 | 44992438 | 52117581 | 454.001  | 462.605    |
| 27)                         | L6 AR-1254-2    | 6.832  | 5.905 | 69533708 | 44729481 | 444.934  | 452.979    |
| 28)                         | L6 AR-1254-3    | 7.201  | 6.312 | 76138278 | 74587941 | 448.705  | 448.810    |
| 29)                         | L6 AR-1254-4    | 7.487  | 6.539 | 54647178 | 46933468 | 442.579  | 441.119    |
| 30)                         | L6 AR-1254-5    | 7.907  | 6.958 | 58195218 | 63284192 | 439.611  | 430.841    |
| 31)                         | L7 AR-1260-1    | 7.364  | 6.440 | 29155502 | 33874933 | 272.591  | 360.662 #  |
| 32)                         | L7 AR-1260-2    | 7.618  | 6.627 | 32695202 | 27702618 | 258.920  | 237.769    |
| 33)                         | L7 AR-1260-3    | 7.969  | 6.783 | 7182568  | 28260456 | 92.212   | 262.052 #  |
| 34)                         | L7 AR-1260-4    | 8.202  | 7.255 | 21923717 | 3034528  | 216.579  | 39.476 #   |
| 35)                         | L7 AR-1260-5    | 8.543  | 7.493 | 9464093  | 5170197  | 50.120   | 26.912 #   |
| 36)                         | L8 AR-1262-1    | 7.969  | 7.029 | 7182568  | 6143106  | 53.288   | 47.801     |
| 37)                         | L8 AR-1262-2    | 8.543  | 7.493 | 9464093  | 5170197  | 38.273   | 21.584 #   |
| 38)                         | L8 AR-1262-3    | 8.885  | 7.842 | 6120928  | 6672782  | 37.005   | 71.636 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.842 | 0        | 6672782  | N.D.     | 38.329 #   |
| 41)                         | L9 AR-1268-1    | 8.885  | 7.842 | 6120928  | 6672782  | 16.691   | 19.517     |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.842 | 0        | 6672782  | N.D.     | 21.593 #   |
| -----                       |                 |        |       |          |          |          |            |

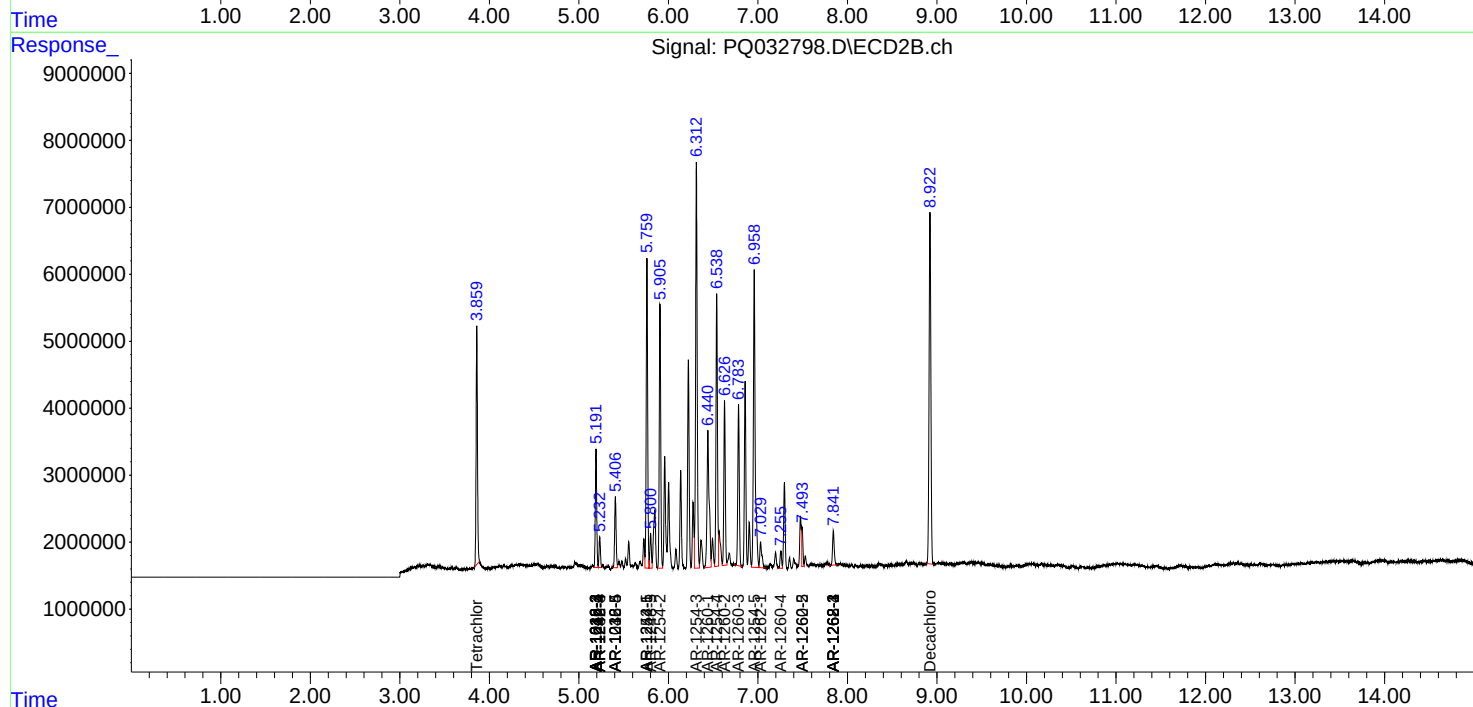
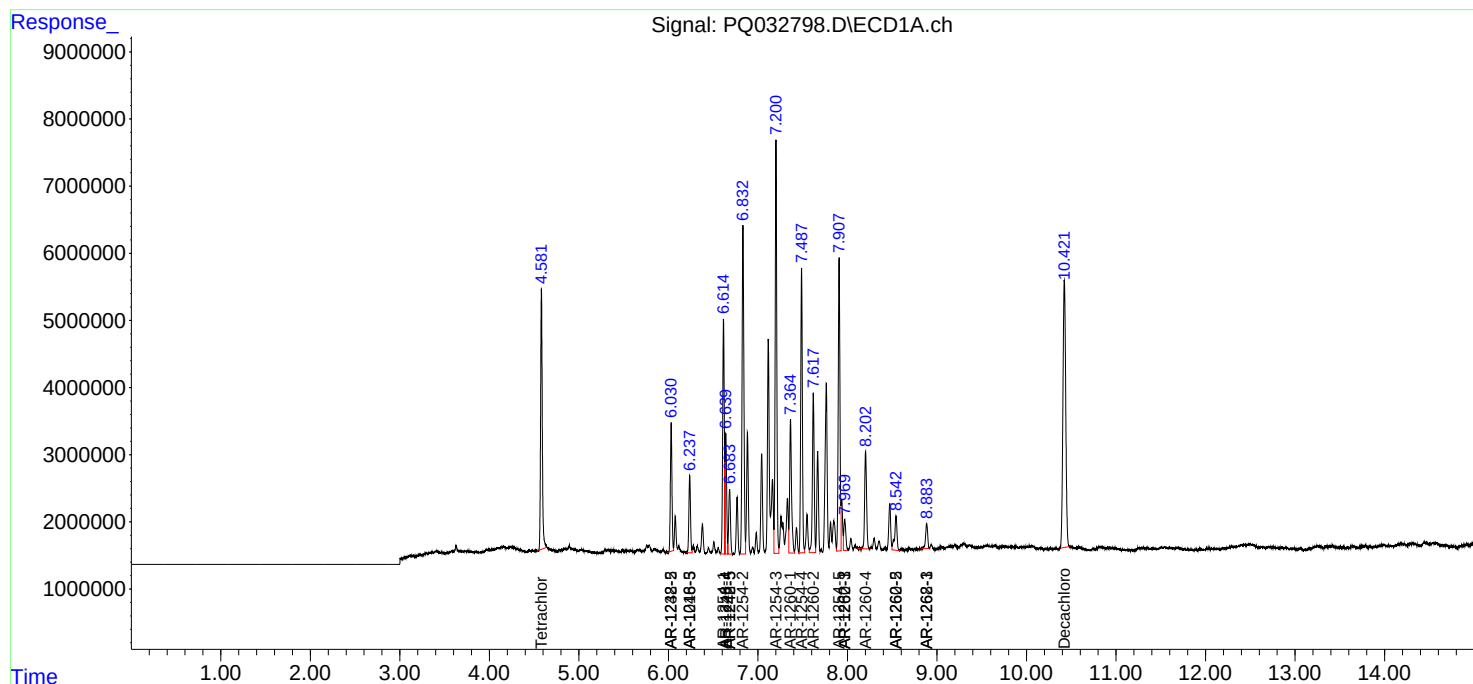
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

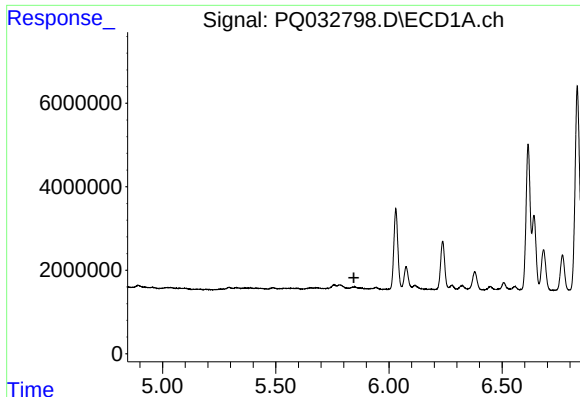
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101018\  
Data File : PQ032798.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2018 08:35  
Operator : SM\SJ  
Sample : AR1254CCC400  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 03:12:43 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100918CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 10 08:14:42 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

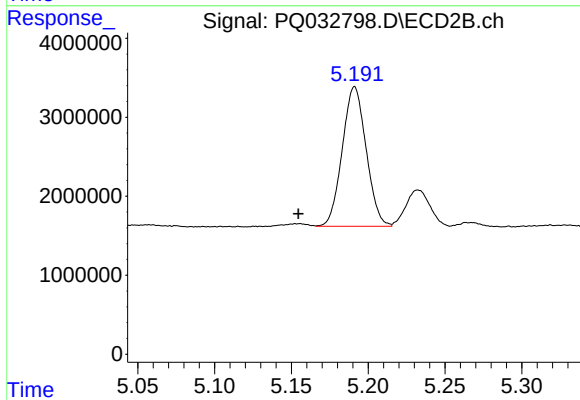




#5 AR-1016-3

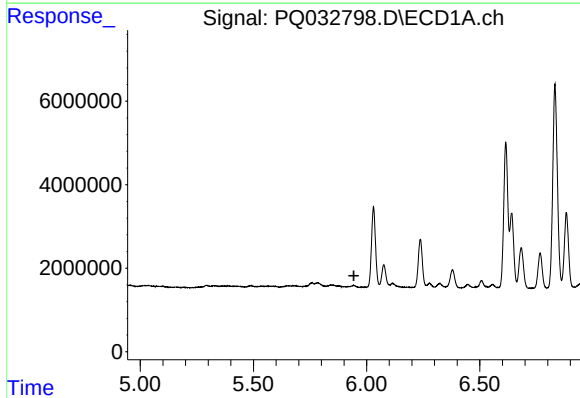
R.T.: 0.000 min  
Exp R.T.: 5.845 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



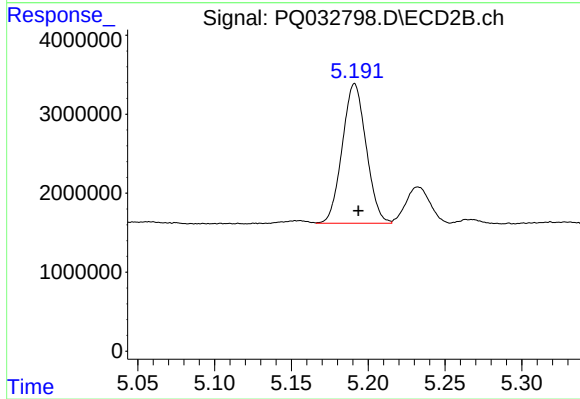
#5 AR-1016-3

R.T.: 5.191 min  
Delta R.T.: 0.037 min  
Response: 19098699  
Conc: 460.43 ng/ml



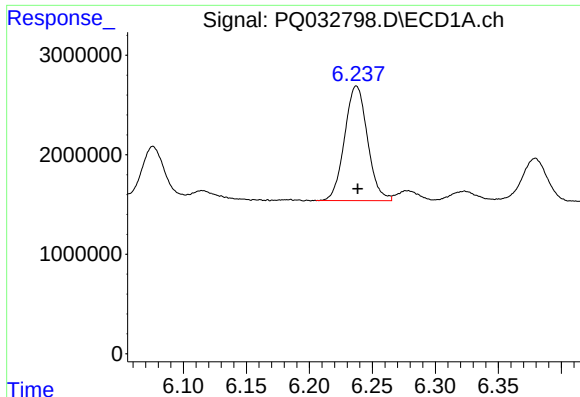
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.944 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

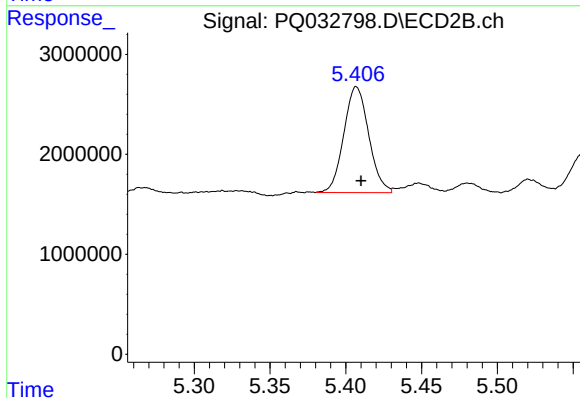
R.T.: 5.191 min  
Delta R.T.: -0.002 min  
Response: 19098699  
Conc: 557.40 ng/ml



#7 AR-1016-5

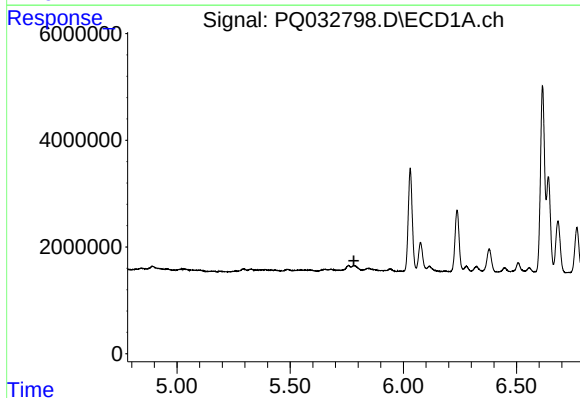
R.T.: 6.237 min  
Delta R.T.: -0.001 min  
Response: 14573268  
Conc: 282.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



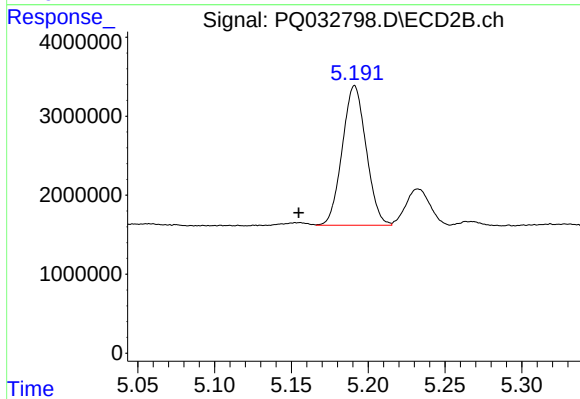
#7 AR-1016-5

R.T.: 5.407 min  
Delta R.T.: -0.003 min  
Response: 12113120  
Conc: 265.11 ng/ml



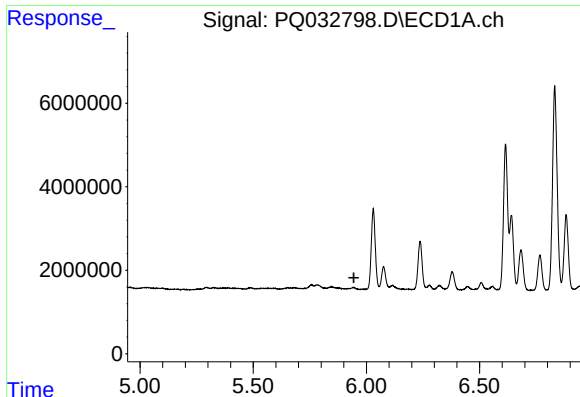
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.782 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

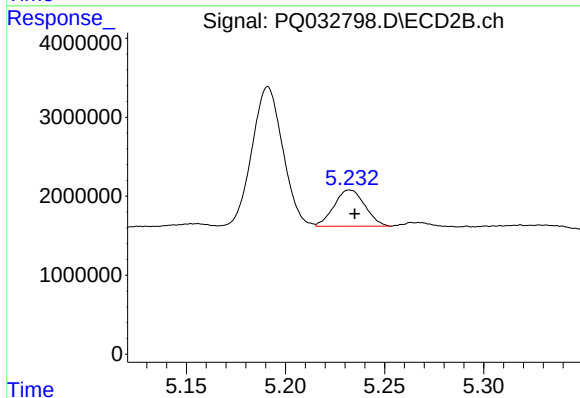
R.T.: 5.191 min  
Delta R.T.: 0.037 min  
Response: 19098699  
Conc: 975.13 ng/ml



#14 AR-1232-4

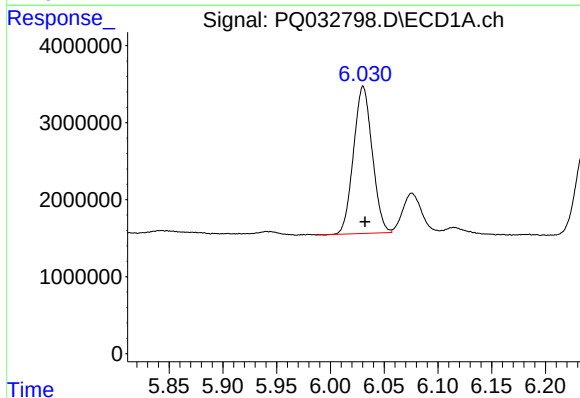
R.T.: 0.000 min  
Exp R.T.: 5.945 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



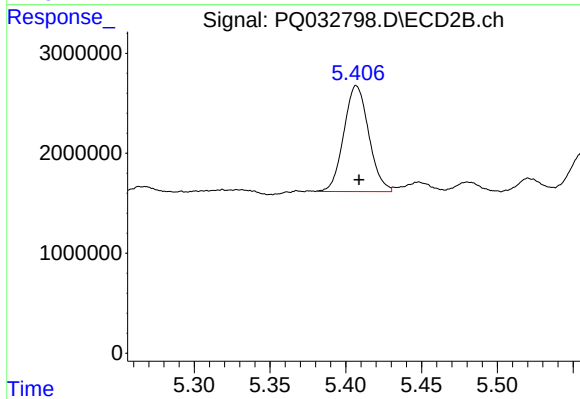
#14 AR-1232-4

R.T.: 5.232 min  
Delta R.T.: -0.003 min  
Response: 4956851  
Conc: 288.81 ng/ml



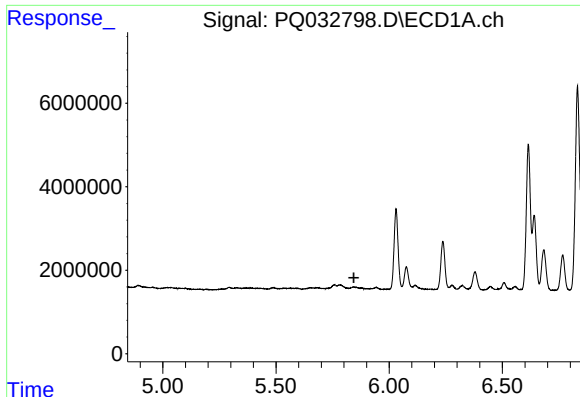
#15 AR-1232-5

R.T.: 6.030 min  
Delta R.T.: -0.002 min  
Response: 23148769  
Conc: 1298.00 ng/ml



#15 AR-1232-5

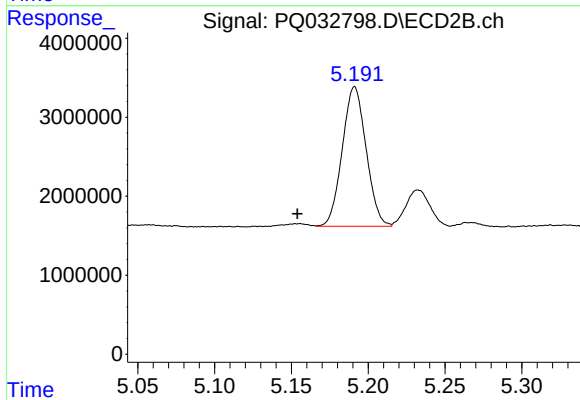
R.T.: 5.407 min  
Delta R.T.: -0.002 min  
Response: 12113120  
Conc: 621.18 ng/ml



#18 AR-1242-3

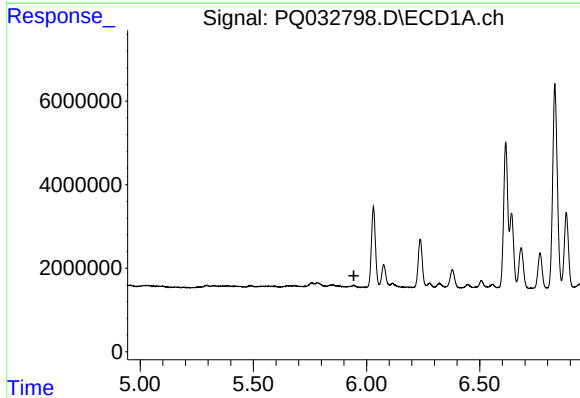
R.T.: 0.000 min  
Exp R.T.: 5.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



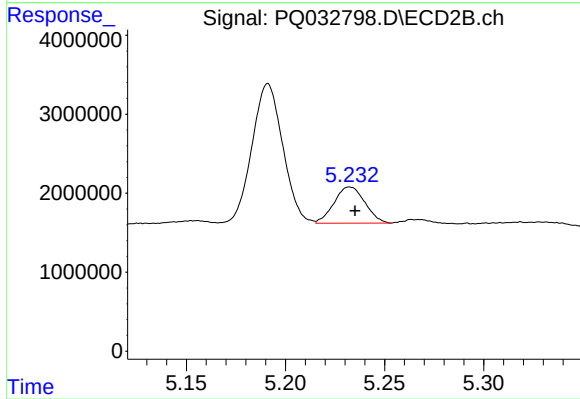
#18 AR-1242-3

R.T.: 5.191 min  
Delta R.T.: 0.037 min  
Response: 19098699  
Conc: 521.39 ng/ml



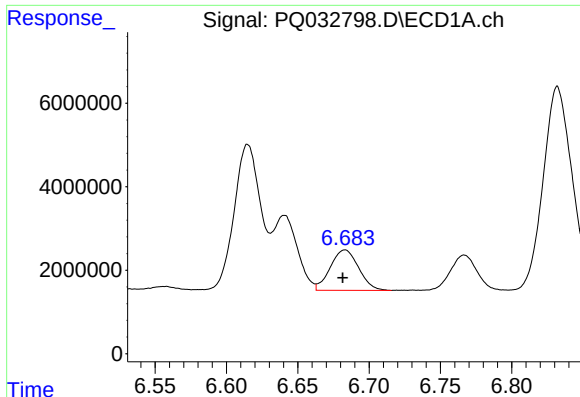
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.944 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

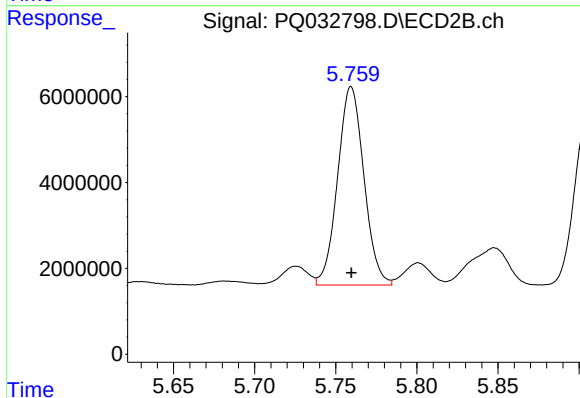
R.T.: 5.232 min  
Delta R.T.: -0.003 min  
Response: 4956851  
Conc: 134.58 ng/ml



#20 AR-1242-5

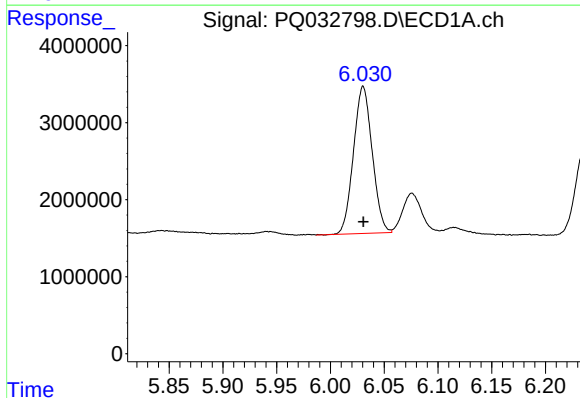
R.T.: 6.683 min  
Delta R.T.: 0.002 min  
Response: 13389168  
Conc: 271.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



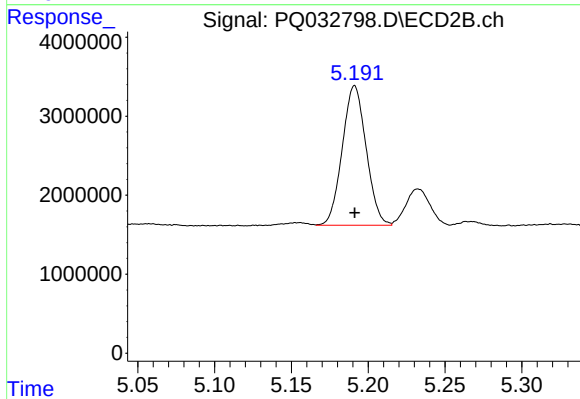
#20 AR-1242-5

R.T.: 5.759 min  
Delta R.T.: 0.000 min  
Response: 52117581  
Conc: 1084.89 ng/ml



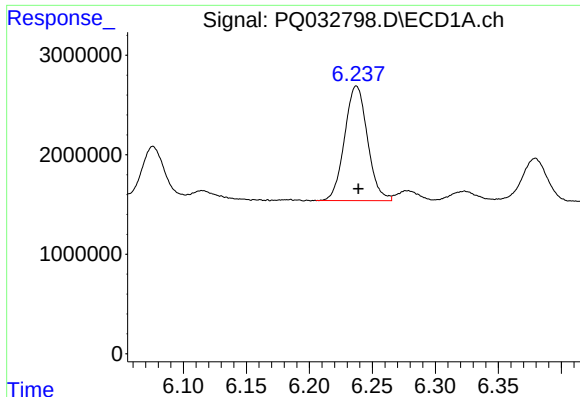
#22 AR-1248-2

R.T.: 6.030 min  
Delta R.T.: 0.000 min  
Response: 23148769  
Conc: 314.73 ng/ml



#22 AR-1248-2

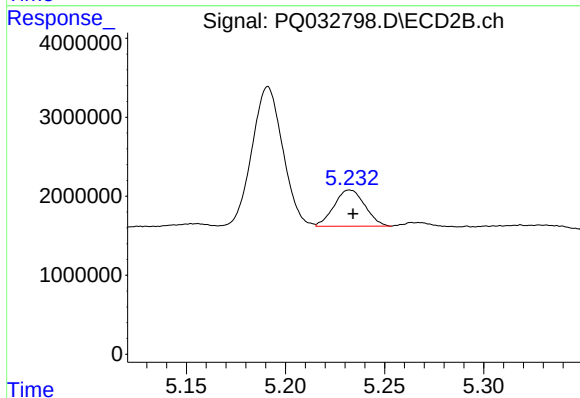
R.T.: 5.191 min  
Delta R.T.: 0.000 min  
Response: 19098699  
Conc: 347.63 ng/ml



#23 AR-1248-3

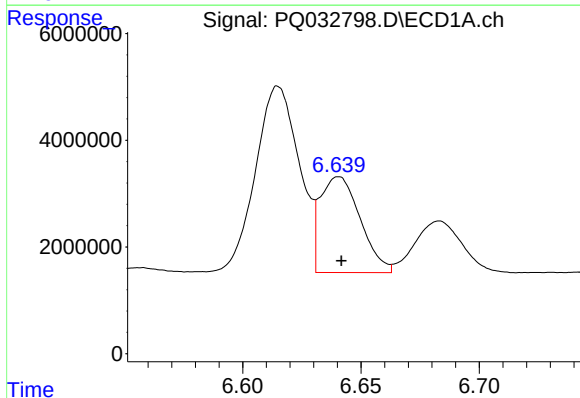
R.T.: 6.237 min  
Delta R.T.: -0.002 min  
Response: 14573268  
Conc: 178.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



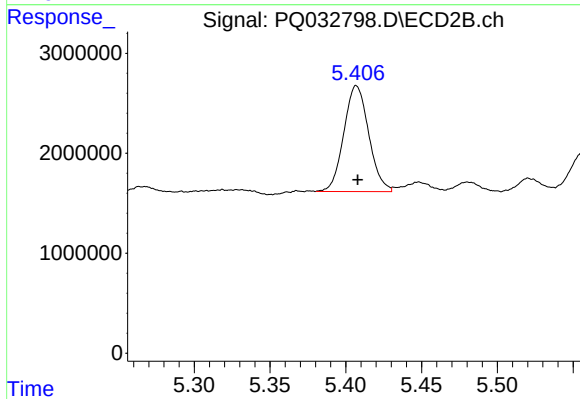
#23 AR-1248-3

R.T.: 5.232 min  
Delta R.T.: -0.002 min  
Response: 4956851  
Conc: 88.51 ng/ml



#24 AR-1248-4

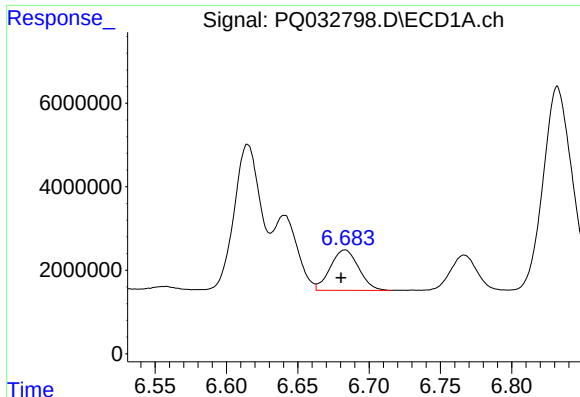
R.T.: 6.641 min  
Delta R.T.: -0.001 min  
Response: 21154906  
Conc: 225.84 ng/ml



#24 AR-1248-4

R.T.: 5.407 min  
Delta R.T.: -0.001 min  
Response: 12113120  
Conc: 175.63 ng/ml

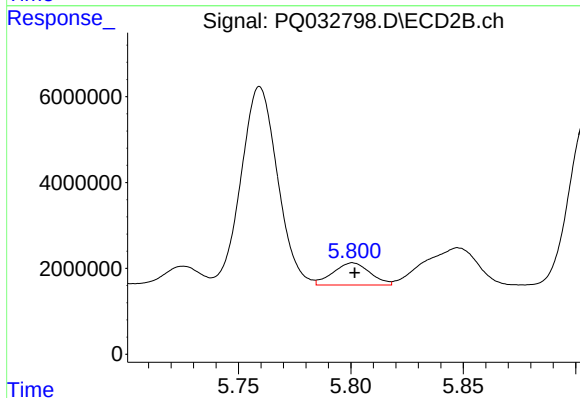




#25 AR-1248-5

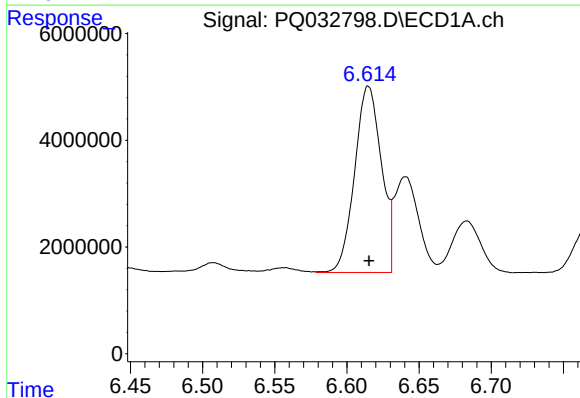
R.T.: 6.683 min  
Delta R.T.: 0.003 min  
Response: 13389168  
Conc: 150.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



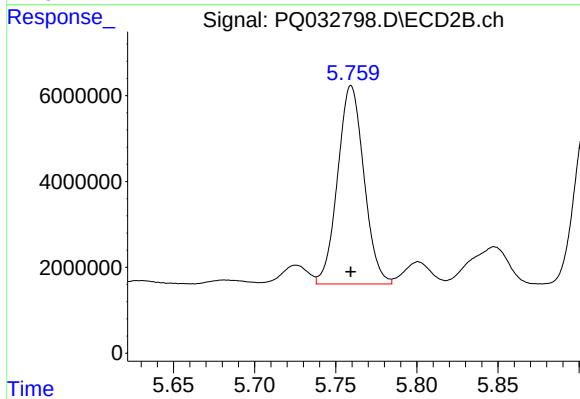
#25 AR-1248-5

R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 5930656  
Conc: 85.79 ng/ml



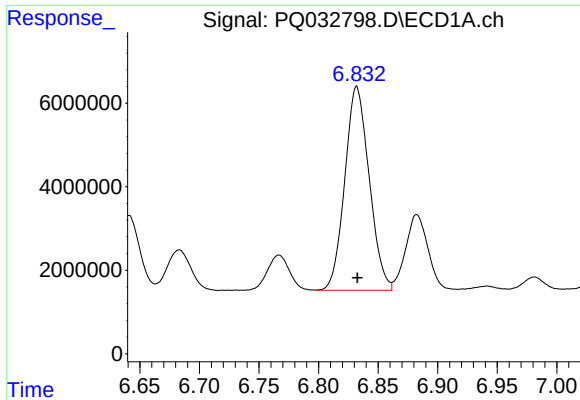
#26 AR-1254-1

R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 44992438  
Conc: 454.00 ng/ml



#26 AR-1254-1

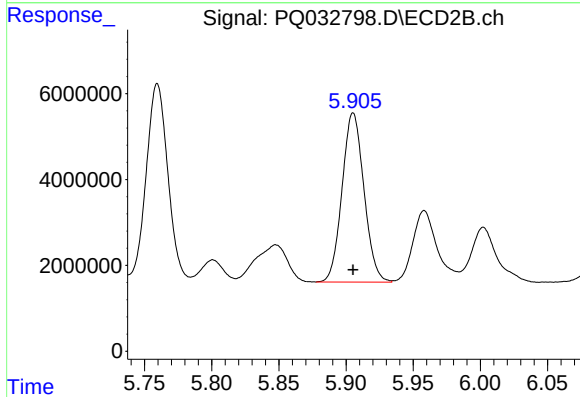
R.T.: 5.759 min  
Delta R.T.: 0.000 min  
Response: 52117581  
Conc: 462.61 ng/ml



#27 AR-1254-2

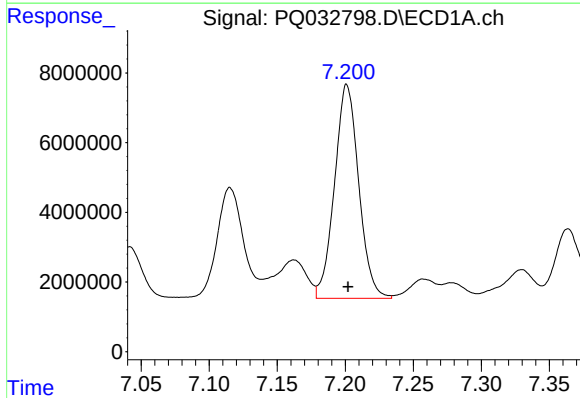
R.T.: 6.832 min  
Delta R.T.: 0.000 min  
Response: 69533708  
Conc: 444.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



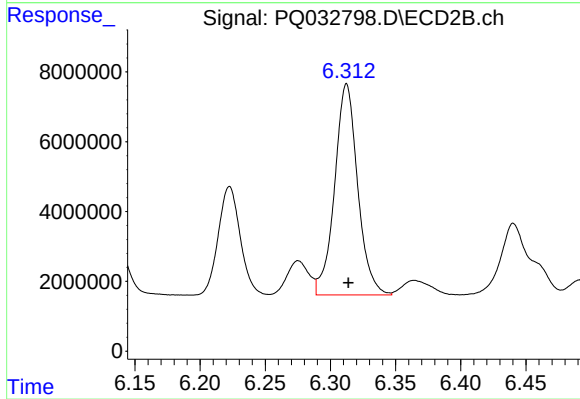
#27 AR-1254-2

R.T.: 5.905 min  
Delta R.T.: 0.000 min  
Response: 44729481  
Conc: 452.98 ng/ml



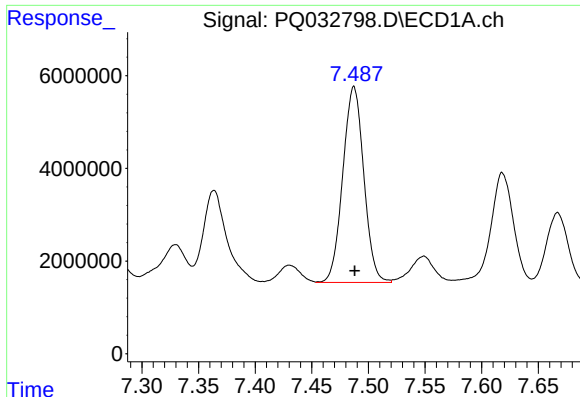
#28 AR-1254-3

R.T.: 7.201 min  
Delta R.T.: 0.000 min  
Response: 76138278  
Conc: 448.71 ng/ml



#28 AR-1254-3

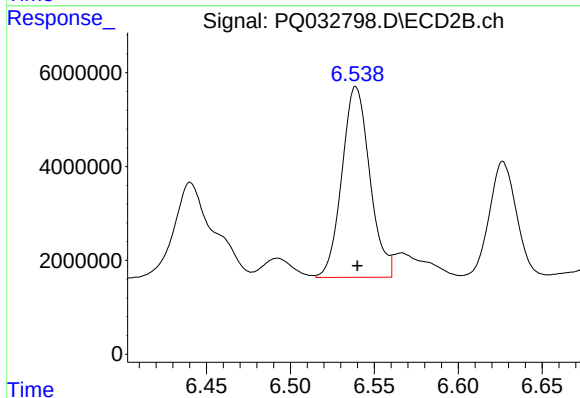
R.T.: 6.312 min  
Delta R.T.: -0.001 min  
Response: 74587941  
Conc: 448.81 ng/ml



#29 AR-1254-4

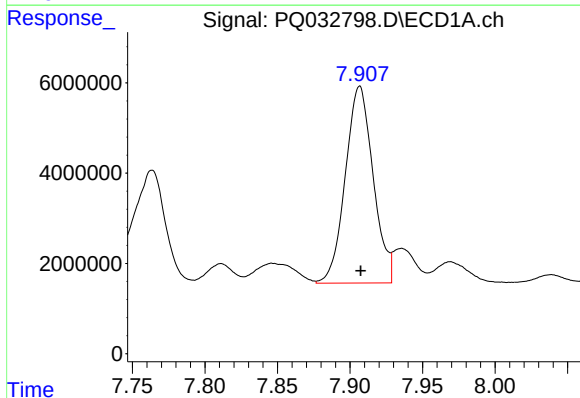
R.T.: 7.487 min  
Delta R.T.: 0.000 min  
Response: 54647178  
Conc: 442.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



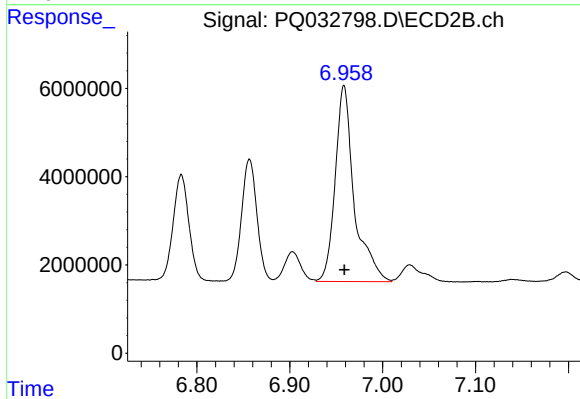
#29 AR-1254-4

R.T.: 6.539 min  
Delta R.T.: 0.000 min  
Response: 46933468  
Conc: 441.12 ng/ml



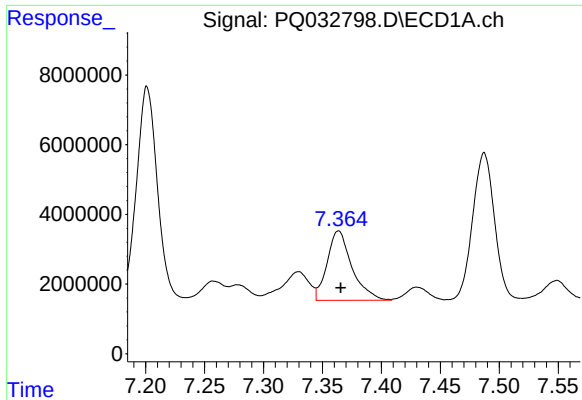
#30 AR-1254-5

R.T.: 7.907 min  
Delta R.T.: 0.000 min  
Response: 58195218  
Conc: 439.61 ng/ml



#30 AR-1254-5

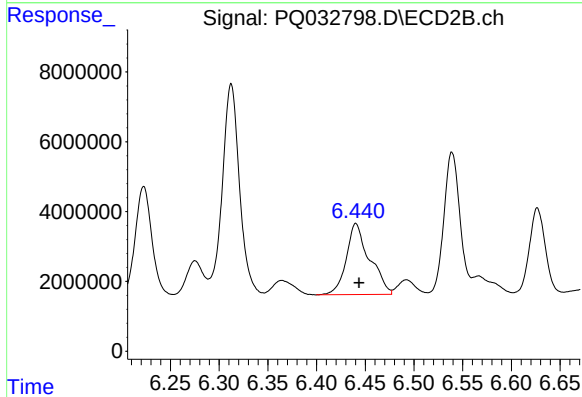
R.T.: 6.958 min  
Delta R.T.: 0.000 min  
Response: 63284192  
Conc: 430.84 ng/ml



#31 AR-1260-1

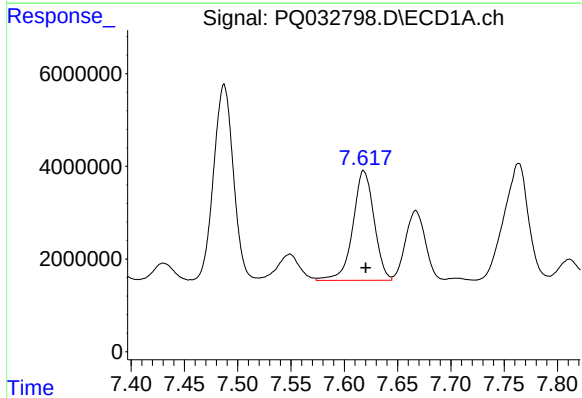
R.T.: 7.364 min  
Delta R.T.: -0.002 min  
Response: 29155502  
Conc: 272.59 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



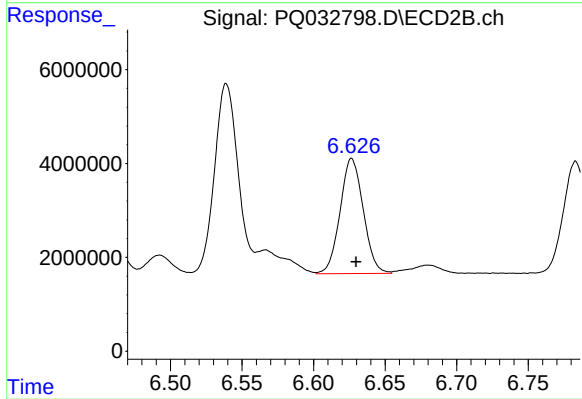
#31 AR-1260-1

R.T.: 6.440 min  
Delta R.T.: -0.003 min  
Response: 33874933  
Conc: 360.66 ng/ml



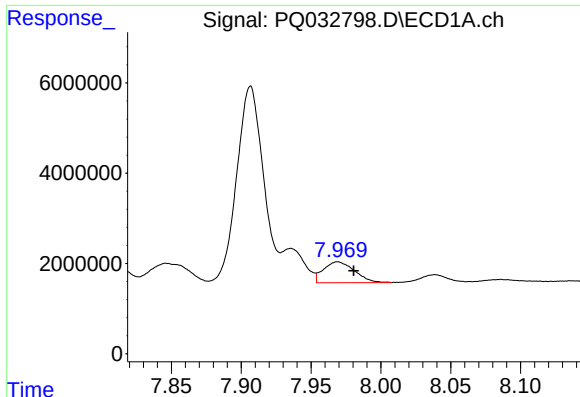
#32 AR-1260-2

R.T.: 7.618 min  
Delta R.T.: -0.002 min  
Response: 32695202  
Conc: 258.92 ng/ml



#32 AR-1260-2

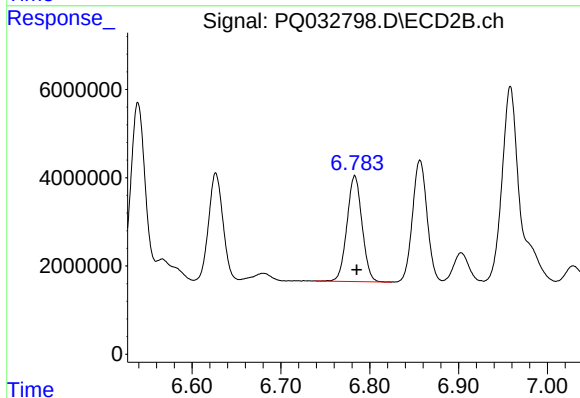
R.T.: 6.627 min  
Delta R.T.: -0.003 min  
Response: 27702618  
Conc: 237.77 ng/ml



#33 AR-1260-3

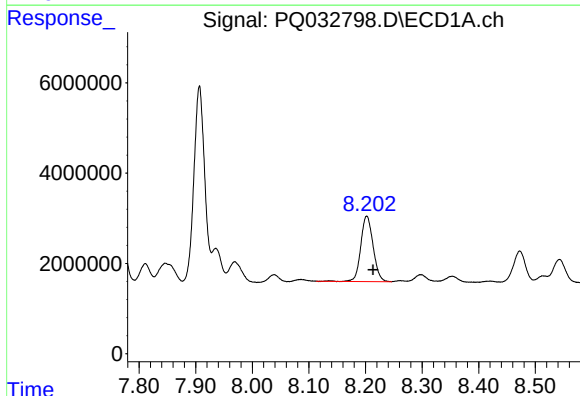
R.T.: 7.969 min  
Delta R.T.: -0.011 min  
Response: 7182568  
Conc: 92.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



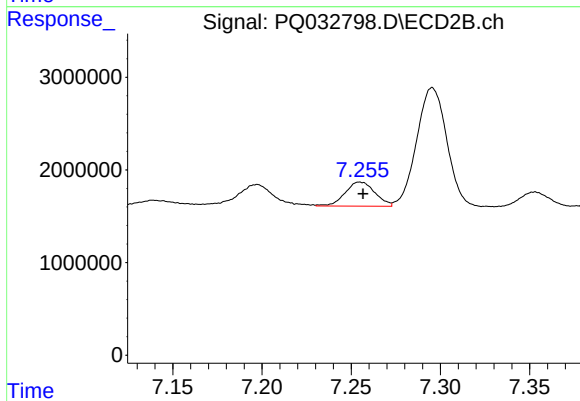
#33 AR-1260-3

R.T.: 6.783 min  
Delta R.T.: -0.002 min  
Response: 28260456  
Conc: 262.05 ng/ml



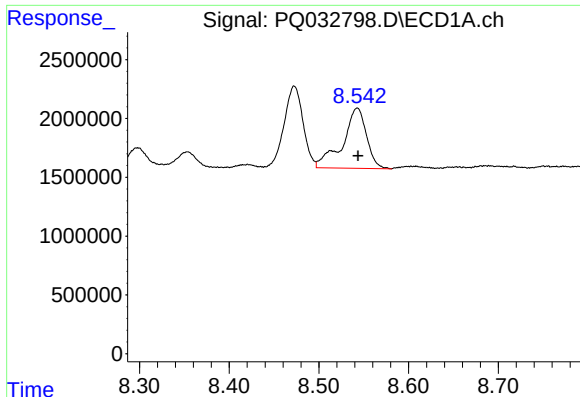
#34 AR-1260-4

R.T.: 8.202 min  
Delta R.T.: -0.011 min  
Response: 21923717  
Conc: 216.58 ng/ml



#34 AR-1260-4

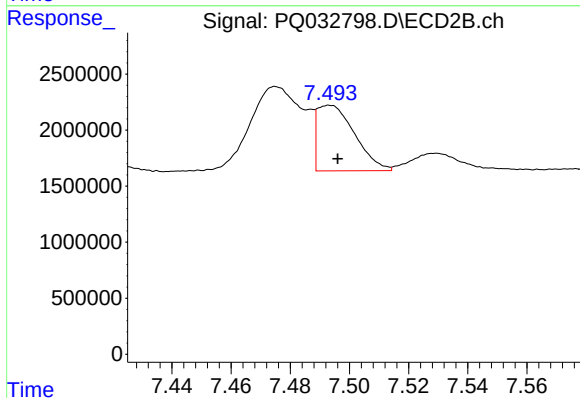
R.T.: 7.255 min  
Delta R.T.: -0.002 min  
Response: 3034528  
Conc: 39.48 ng/ml



#35 AR-1260-5

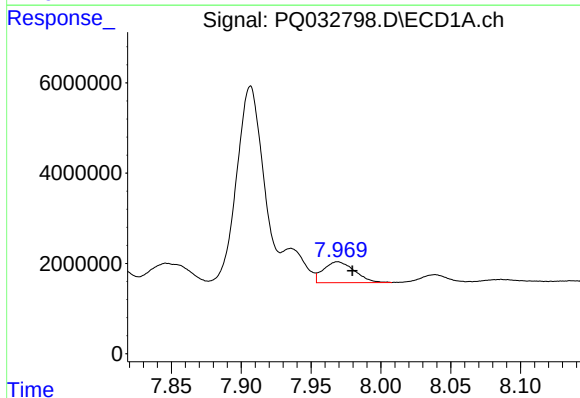
R.T.: 8.543 min  
Delta R.T.: -0.001 min  
Response: 9464093  
Conc: 50.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



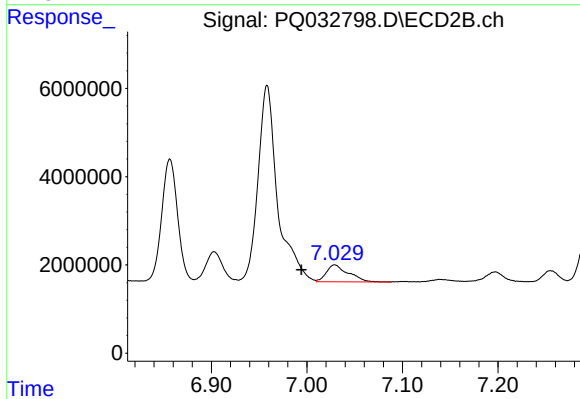
#35 AR-1260-5

R.T.: 7.493 min  
Delta R.T.: -0.003 min  
Response: 5170197  
Conc: 26.91 ng/ml



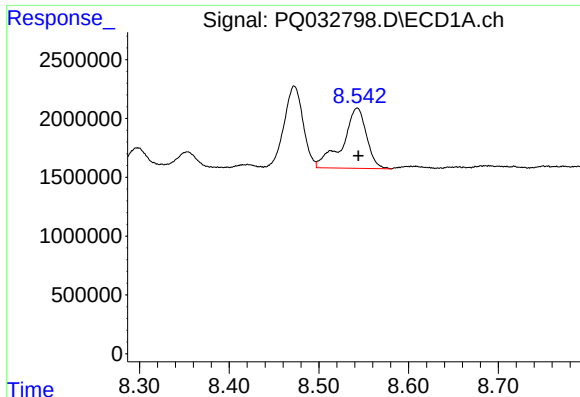
#36 AR-1262-1

R.T.: 7.969 min  
Delta R.T.: -0.011 min  
Response: 7182568  
Conc: 53.29 ng/ml



#36 AR-1262-1

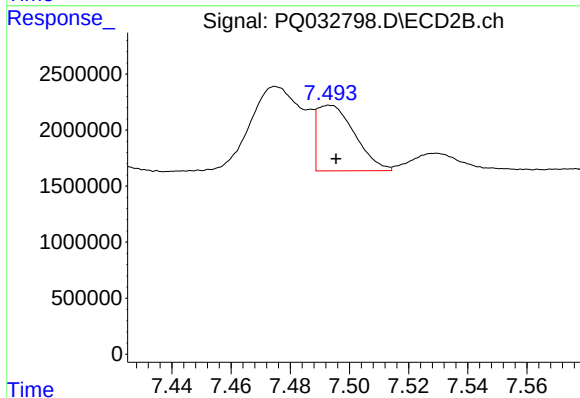
R.T.: 7.029 min  
Delta R.T.: 0.035 min  
Response: 6143106  
Conc: 47.80 ng/ml



#37 AR-1262-2

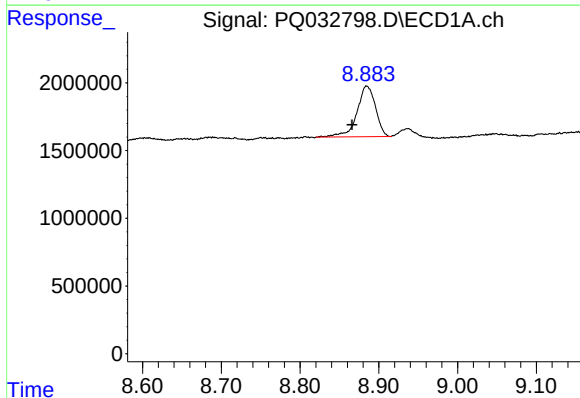
R.T.: 8.543 min  
Delta R.T.: -0.001 min  
Response: 9464093  
Conc: 38.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



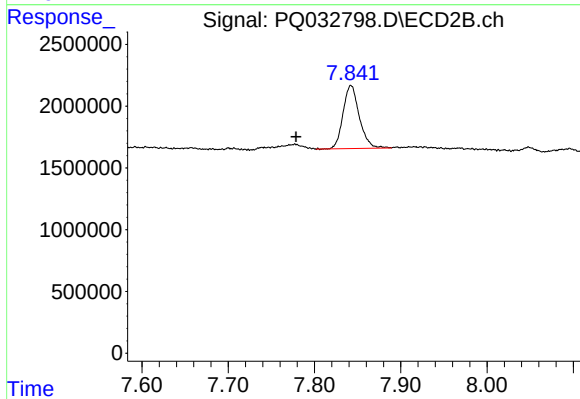
#37 AR-1262-2

R.T.: 7.493 min  
Delta R.T.: -0.002 min  
Response: 5170197  
Conc: 21.58 ng/ml



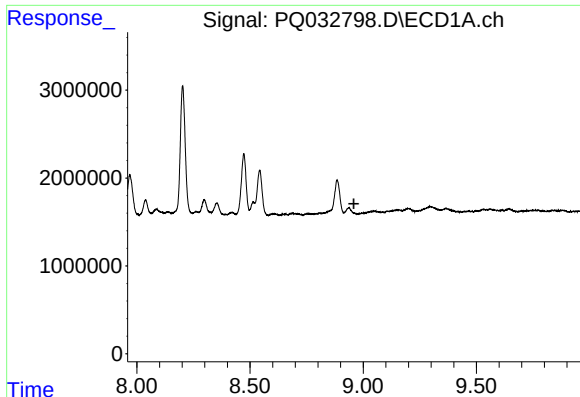
#38 AR-1262-3

R.T.: 8.885 min  
Delta R.T.: 0.019 min  
Response: 6120928  
Conc: 37.00 ng/ml



#38 AR-1262-3

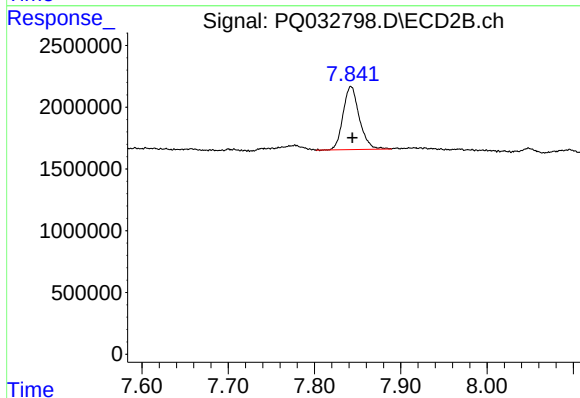
R.T.: 7.842 min  
Delta R.T.: 0.064 min  
Response: 6672782  
Conc: 71.64 ng/ml



#39 AR-1262-4

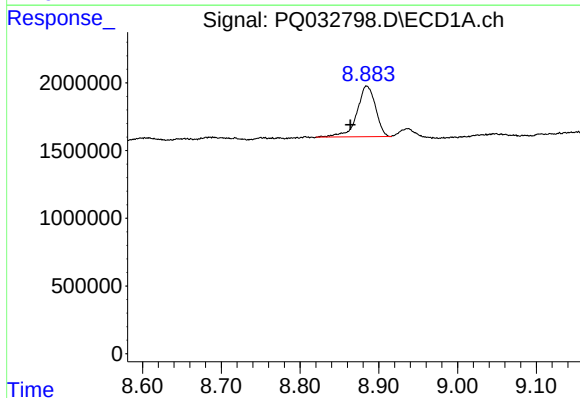
R.T.: 0.000 min  
Exp R.T.: 8.959 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



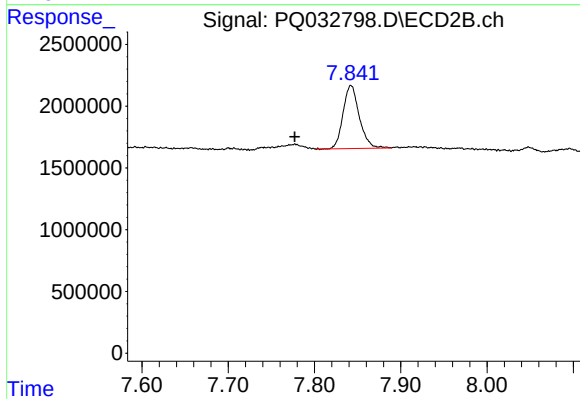
#39 AR-1262-4

R.T.: 7.842 min  
Delta R.T.: -0.001 min  
Response: 6672782  
Conc: 38.33 ng/ml



#41 AR-1268-1

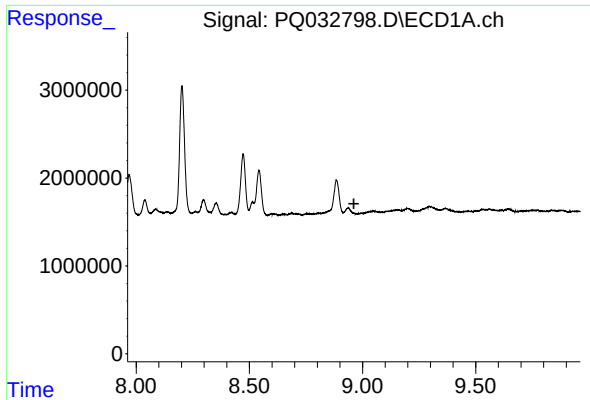
R.T.: 8.885 min  
Delta R.T.: 0.021 min  
Response: 6120928  
Conc: 16.69 ng/ml



#41 AR-1268-1

R.T.: 7.842 min  
Delta R.T.: 0.065 min  
Response: 6672782  
Conc: 19.52 ng/ml

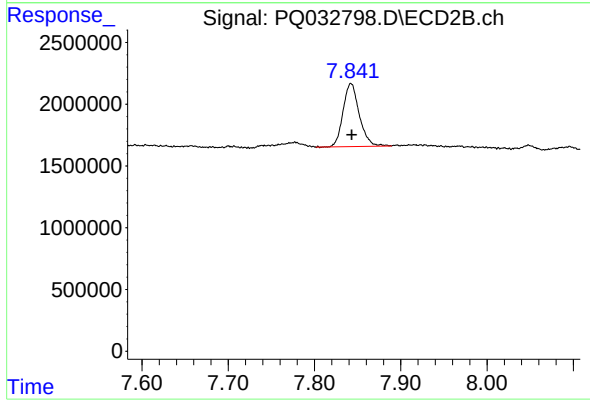




#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.962 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#42 AR-1268-2

R.T.: 7.842 min  
Delta R.T.: 0.000 min  
Response: 6672782  
Conc: 21.59 ng/ml