

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ013019\
 Data File : PQ036860.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2019 11:37
 Operator : SM\SJ
 Sample : K1011-09RE
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 OR-01-012519-ARE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 12:01:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 24 06:01:26 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...	4.338	3.702	194.8E6	100.8E6	42.318	42.055
2)	SA Decachlor...	9.927	8.636	125.0E6	40263078	34.285	21.402 #
Target Compounds							
3)	L1 AR-1016-1	5.547	4.805	5116963	3541264	36.470	47.015 #
4)	L1 AR-1016-2	5.547	4.805	5116963	3541264	24.245	31.818 #
5)	L1 AR-1016-3	5.640	5.001	11374805	19364035	91.763	343.360 #
6)	L1 AR-1016-4	5.640	5.001	11374805	19364035	114.382	428.652 #
7)	L1 AR-1016-5	6.013	5.218	6114706	1667154	61.943	28.582 #
9)	L2 AR-1221-2	4.644	4.001	3875635	2110817	115.119	112.462
10)	L2 AR-1221-3	4.792	4.117	7959565	684003	71.197	11.356 #
11)	L3 AR-1232-1	4.792	4.117	7959565	684003	85.492	13.596 #
12)	L3 AR-1232-2	5.259	4.805	8549437	3541264	181.907	66.021 #
13)	L3 AR-1232-3	5.547	5.001	5116963	19364035	51.679	758.026 #
14)	L3 AR-1232-4	5.640	5.073	11374805	8732781	244.444	368.855 #
15)	L3 AR-1232-5	5.799	5.218	-1392292	1667154	N.D.	65.991 #
16)	L4 AR-1242-1	5.547	4.805	5116963	3541264	44.147	56.390 #
17)	L4 AR-1242-2	5.547	4.805	5116963	3541264	28.861	37.943 #
18)	L4 AR-1242-3	5.640	5.001	11374805	19364035	109.673	413.835 #
19)	L4 AR-1242-4	5.640	5.073	11374805	8732781	135.232	191.127 #
20)	L4 AR-1242-5	6.435	5.582	30973246	75621996	341.353	1350.915 #
21)	L5 AR-1248-1	5.547	4.805	5116963	3541264	56.942	71.808 #
22)	L5 AR-1248-2	5.799	5.001	-1392292	19364035	N.D.	298.458 #
23)	L5 AR-1248-3	6.013	5.073	6114706	8732781	44.525	131.781 #
24)	L5 AR-1248-4	6.342	5.218	195.2E6	1667154	1243.552	20.991 #
25)	L5 AR-1248-5	6.435	5.582	30973246	75621996	208.720	957.094 #
26)	L6 AR-1254-1	6.342	5.582	195.2E6	75621996	1100.627	564.837 #
27)	L6 AR-1254-2	6.557	5.727	31497492	11419340	120.909	103.192
28)	L6 AR-1254-3	6.955	6.116	131.6E6	2603444	491.553	14.464 #
29)	L6 AR-1254-4	7.201	0.000	6197350	0	31.236	N.D. #
30)	L6 AR-1254-5	7.615	6.745	15392682	2064696	75.396	13.748 #
31)	L7 AR-1260-1	7.074	0.000	18617758	0	95.593	N.D. #
32)	L7 AR-1260-2	7.335	6.424	17728435	30959124	76.766	220.216 #
33)	L7 AR-1260-3	7.747	0.000	7413731	0	51.409	N.D. #
34)	L7 AR-1260-4	7.937	0.000	6878328	0	40.398	N.D. #
35)	L7 AR-1260-5	8.228	7.273	2305633	5236053	6.856	23.982 #
36)	L8 AR-1262-1	7.747	6.745	7413731	2064696	26.765	12.302 #
37)	L8 AR-1262-2	8.228	7.273	2305633	5236053	4.702	17.292 #
38)	L8 AR-1262-3	8.551	7.545	2800635	2337857	13.466	20.815 #
39)	L8 AR-1262-4	8.608	0.000	1968686	0	8.116	N.D. #
41)	L9 AR-1268-1	8.551	7.545	2800635	2337857	4.440	6.432 #
42)	L9 AR-1268-2	8.608	0.000	1968686	0	3.345	N.D. #
45)	L9 AR-1268-5	9.627	0.000	5050775	0	3.112	N.D. #

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 12:01:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jan 24 06:01:26 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

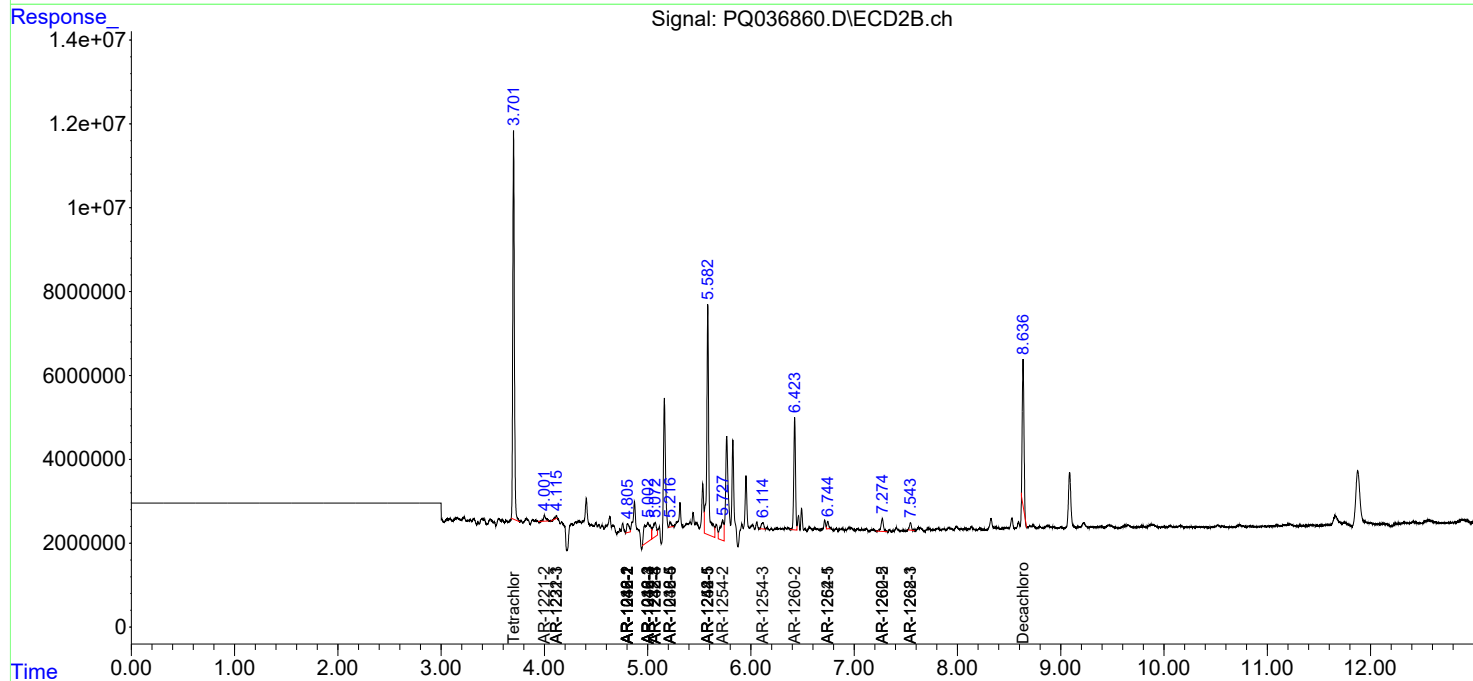
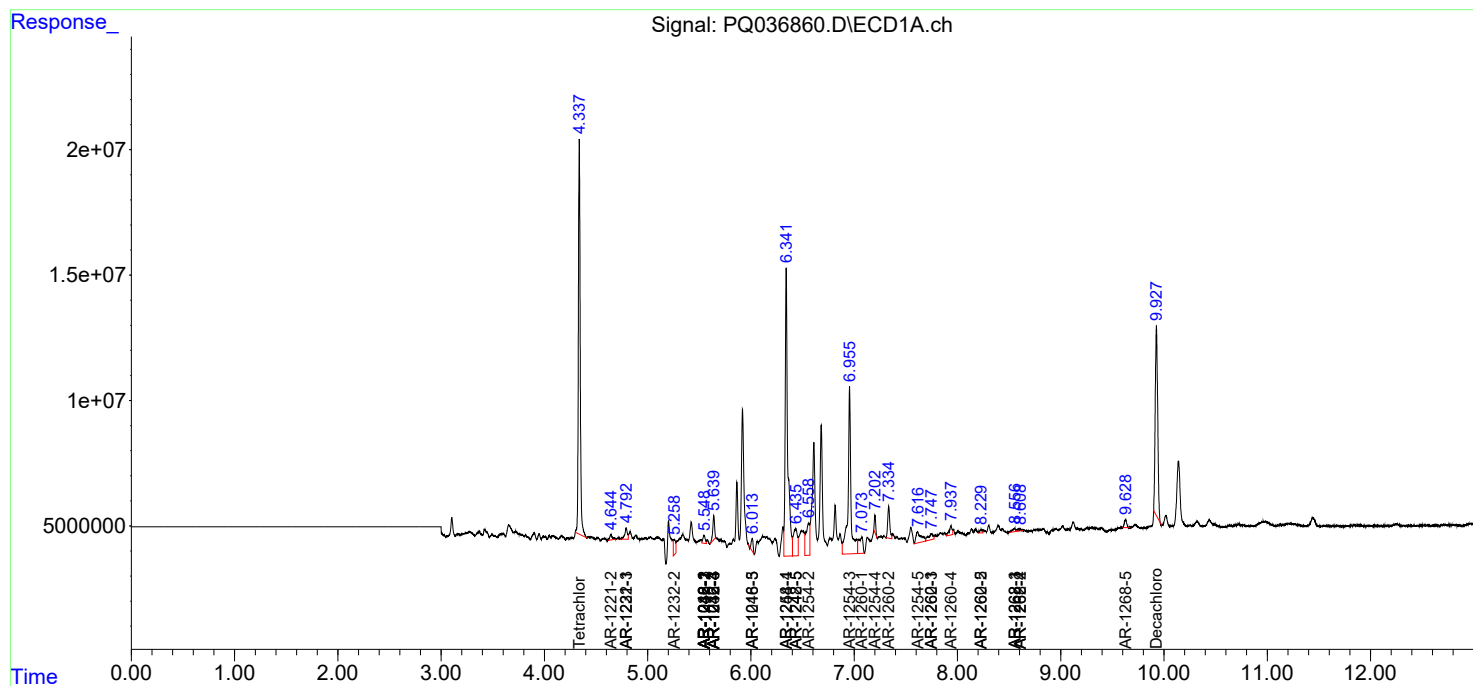
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

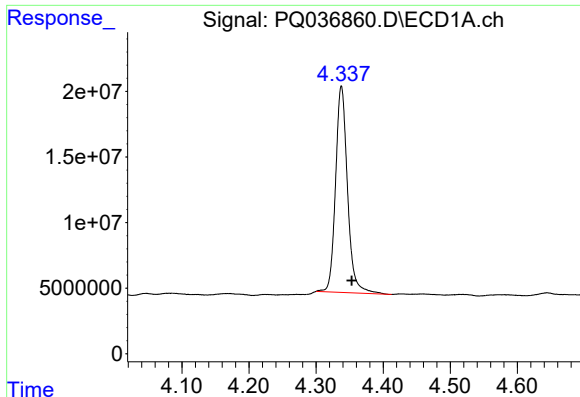
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ013019\
Data File : PQ036860.D
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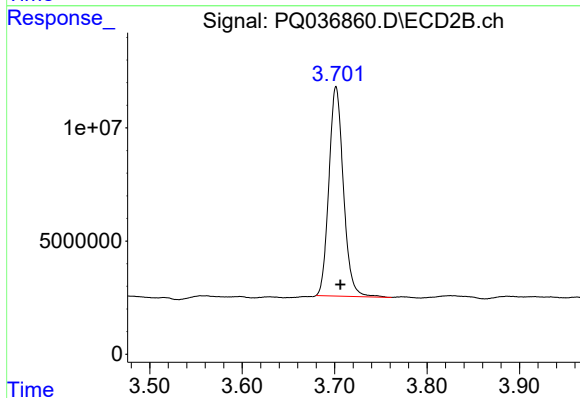




#1 Tetrachloro-m-xylene

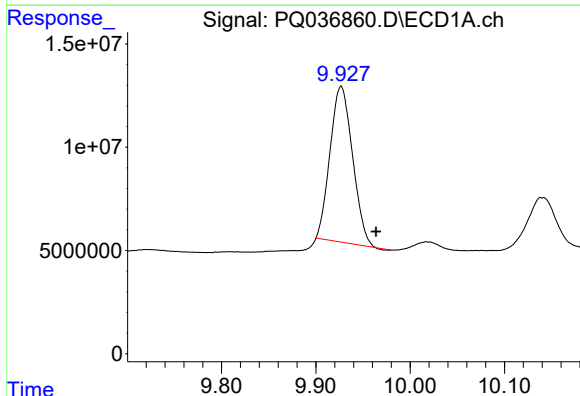
R.T.: 4.338 min
Delta R.T.: -0.015 min
Response: 194783814
Conc: 42.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



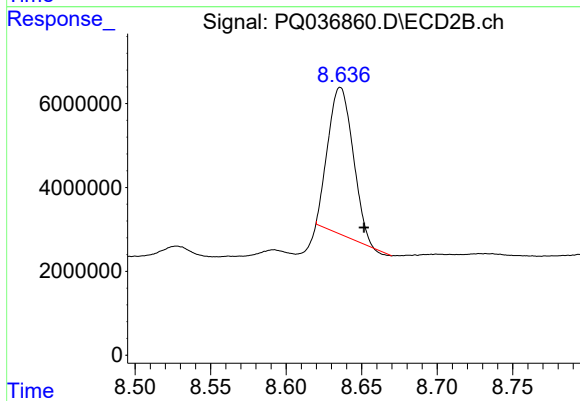
#1 Tetrachloro-m-xylene

R.T.: 3.702 min
Delta R.T.: -0.005 min
Response: 100763639
Conc: 42.05 ng/ml



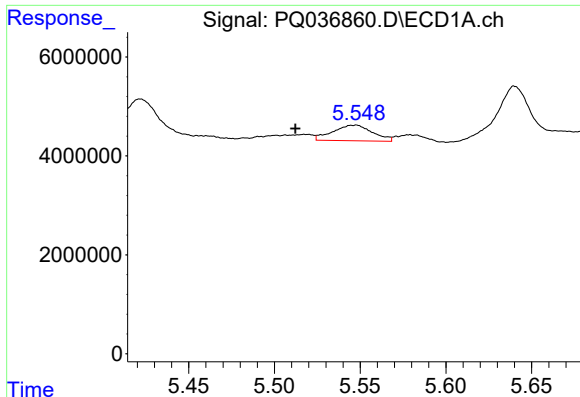
#2 Decachlorobiphenyl

R.T.: 9.927 min
Delta R.T.: -0.037 min
Response: 124991209
Conc: 34.28 ng/ml



#2 Decachlorobiphenyl

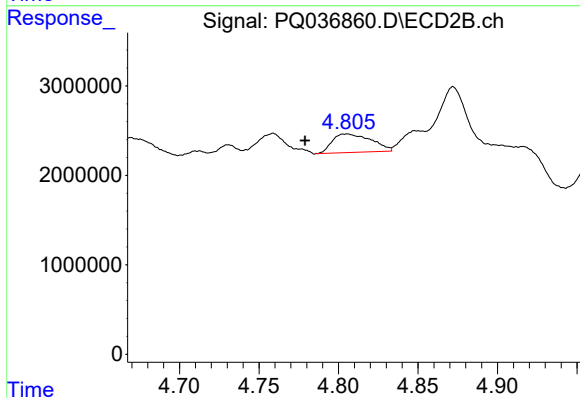
R.T.: 8.636 min
Delta R.T.: -0.016 min
Response: 40263078
Conc: 21.40 ng/ml



#3 AR-1016-1

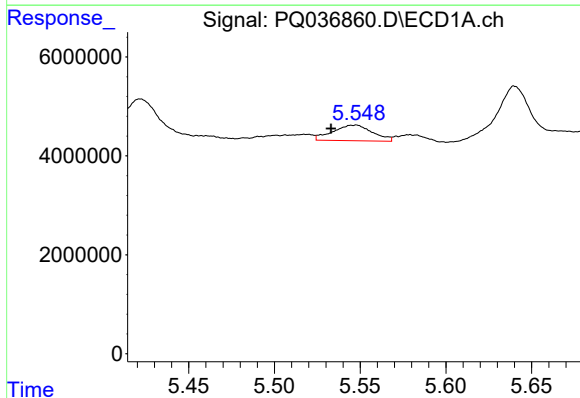
R.T.: 5.547 min
Delta R.T.: 0.035 min
Response: 5116963
Conc: 36.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



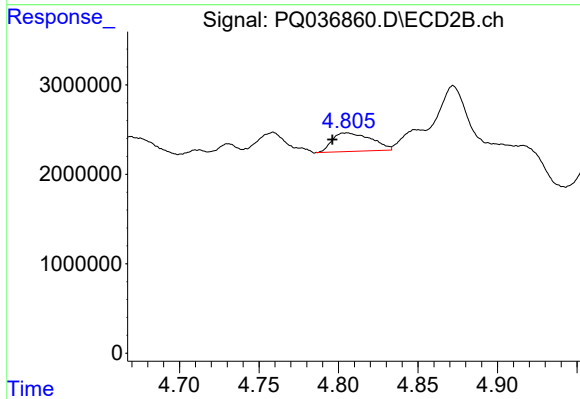
#3 AR-1016-1

R.T.: 4.805 min
Delta R.T.: 0.026 min
Response: 3541264
Conc: 47.01 ng/ml



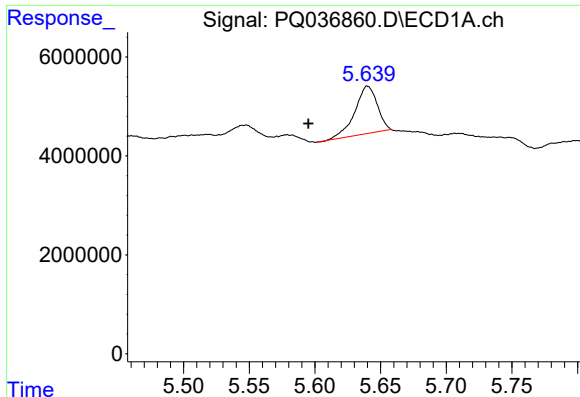
#4 AR-1016-2

R.T.: 5.547 min
Delta R.T.: 0.014 min
Response: 5116963
Conc: 24.24 ng/ml



#4 AR-1016-2

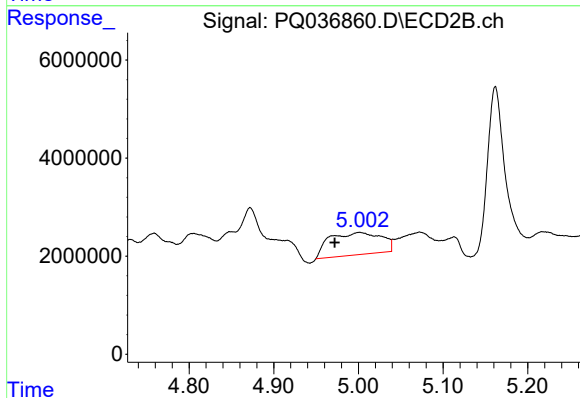
R.T.: 4.805 min
Delta R.T.: 0.009 min
Response: 3541264
Conc: 31.82 ng/ml



#5 AR-1016-3

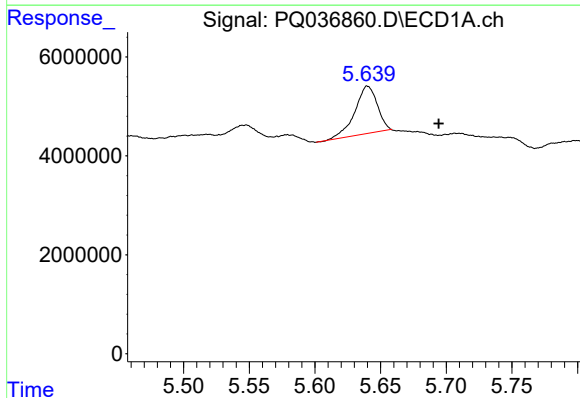
R.T.: 5.640 min
Delta R.T.: 0.045 min
Response: 11374805
Conc: 91.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



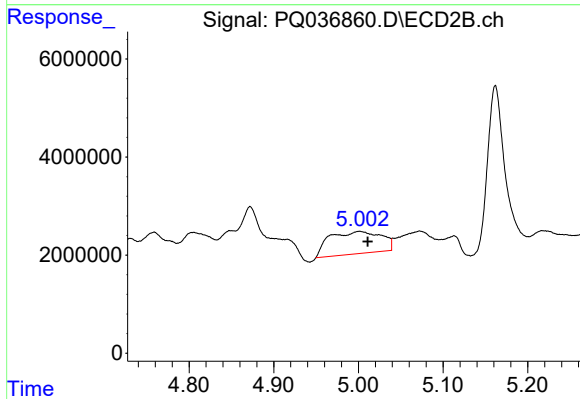
#5 AR-1016-3

R.T.: 5.001 min
Delta R.T.: 0.029 min
Response: 19364035
Conc: 343.36 ng/ml



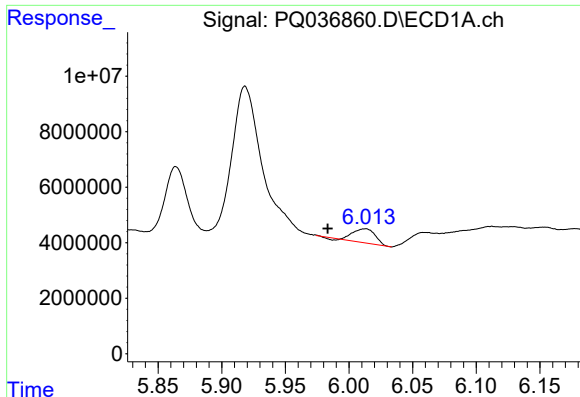
#6 AR-1016-4

R.T.: 5.640 min
Delta R.T.: -0.054 min
Response: 11374805
Conc: 114.38 ng/ml



#6 AR-1016-4

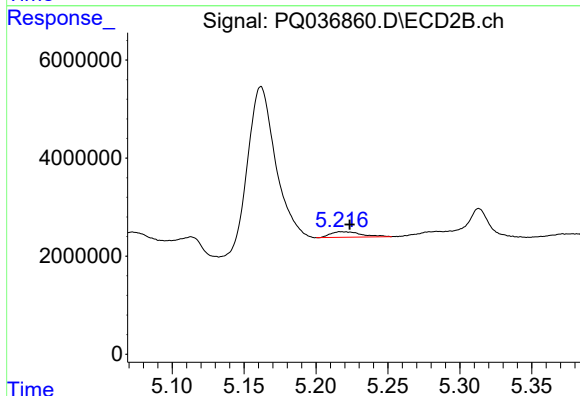
R.T.: 5.001 min
Delta R.T.: -0.010 min
Response: 19364035
Conc: 428.65 ng/ml



#7 AR-1016-5

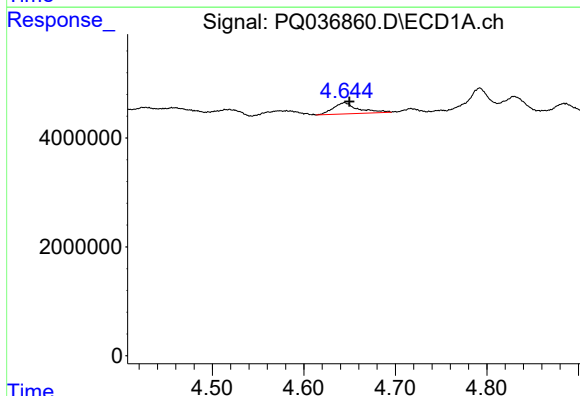
R.T.: 6.013 min
Delta R.T.: 0.030 min
Response: 6114706
Conc: 61.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



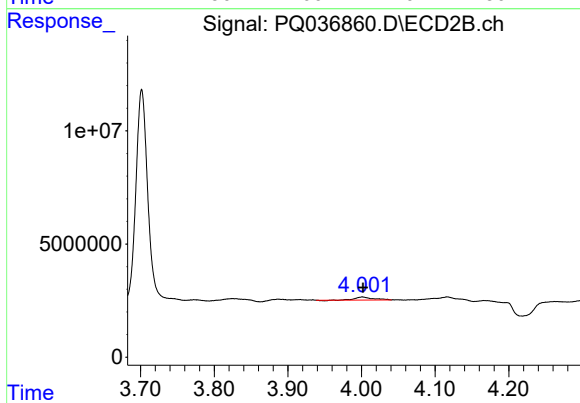
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: -0.006 min
Response: 1667154
Conc: 28.58 ng/ml



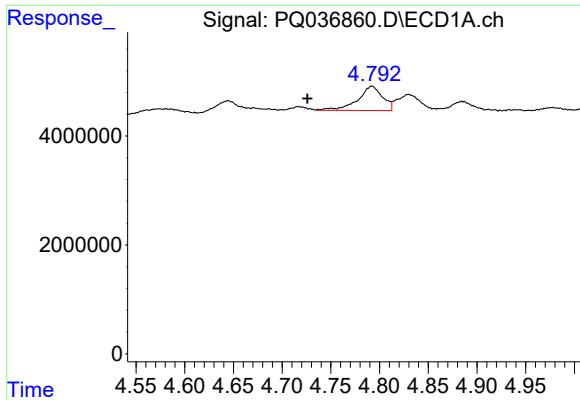
#9 AR-1221-2

R.T.: 4.644 min
Delta R.T.: -0.005 min
Response: 3875635
Conc: 115.12 ng/ml



#9 AR-1221-2

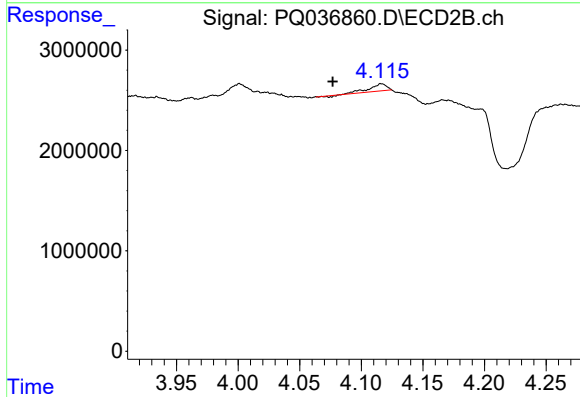
R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 2110817
Conc: 112.46 ng/ml



#10 AR-1221-3

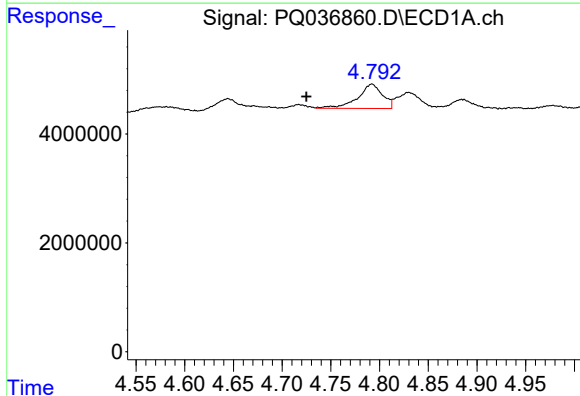
R.T.: 4.792 min
Delta R.T.: 0.066 min
Response: 7959565
Conc: 71.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



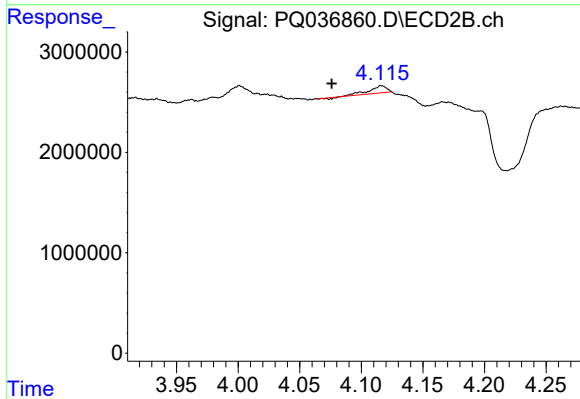
#10 AR-1221-3

R.T.: 4.117 min
Delta R.T.: 0.040 min
Response: 684003
Conc: 11.36 ng/ml



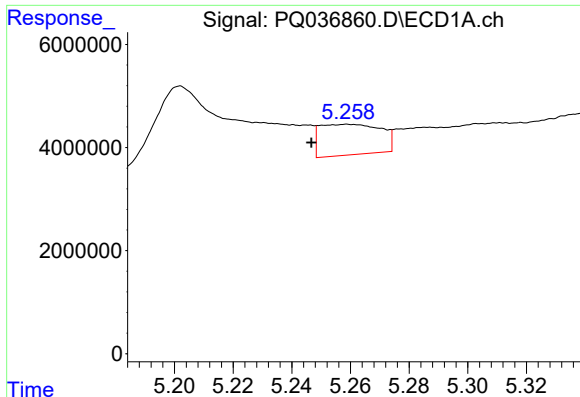
#11 AR-1232-1

R.T.: 4.792 min
Delta R.T.: 0.067 min
Response: 7959565
Conc: 85.49 ng/ml



#11 AR-1232-1

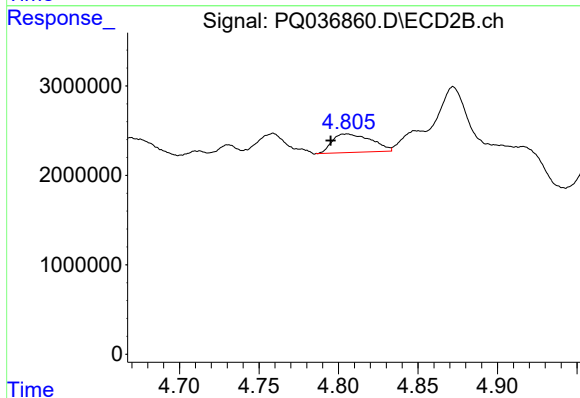
R.T.: 4.117 min
Delta R.T.: 0.040 min
Response: 684003
Conc: 13.60 ng/ml



#12 AR-1232-2

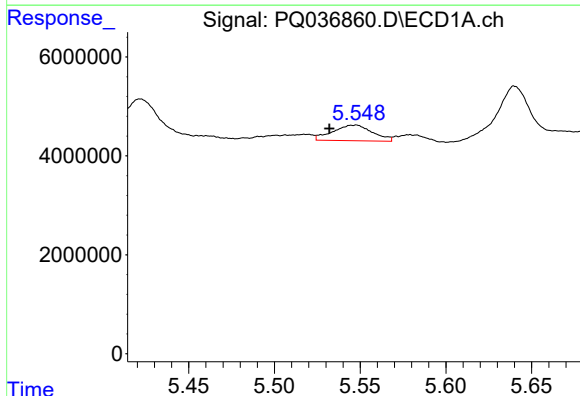
R.T.: 5.259 min
Delta R.T.: 0.012 min
Response: 8549437
Conc: 181.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



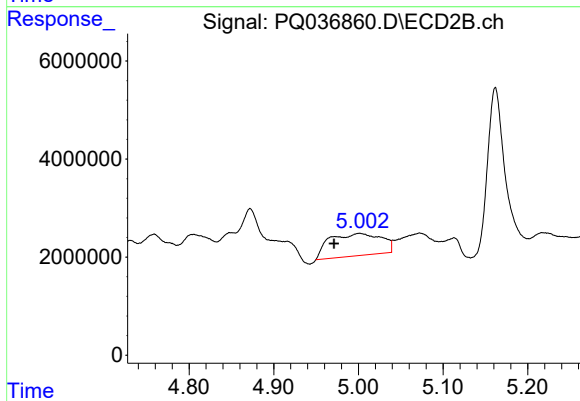
#12 AR-1232-2

R.T.: 4.805 min
Delta R.T.: 0.010 min
Response: 3541264
Conc: 66.02 ng/ml



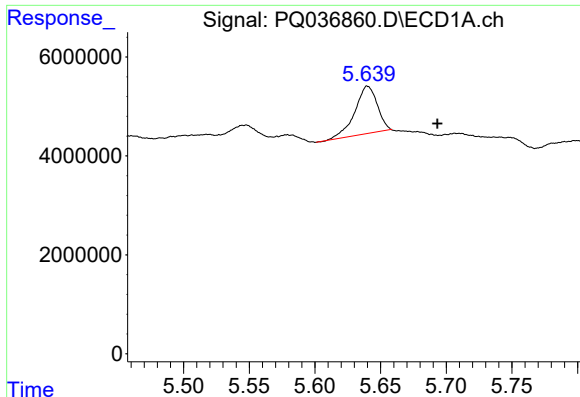
#13 AR-1232-3

R.T.: 5.547 min
Delta R.T.: 0.015 min
Response: 5116963
Conc: 51.68 ng/ml



#13 AR-1232-3

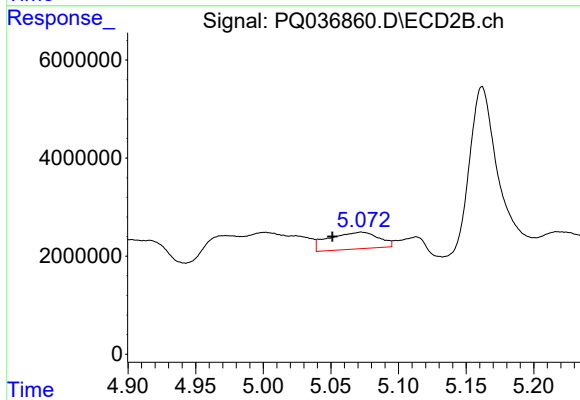
R.T.: 5.001 min
Delta R.T.: 0.030 min
Response: 19364035
Conc: 758.03 ng/ml



#14 AR-1232-4

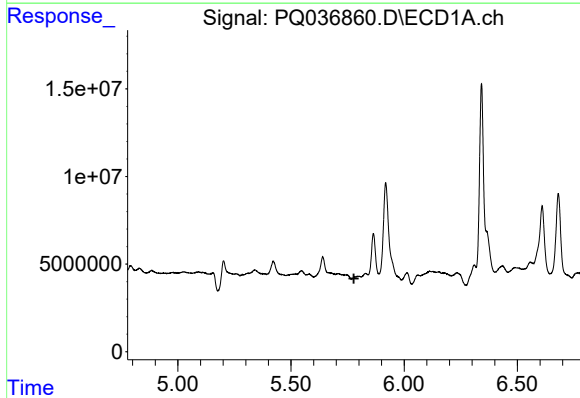
R.T.: 5.640 min
Delta R.T.: -0.053 min
Response: 11374805
Conc: 244.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



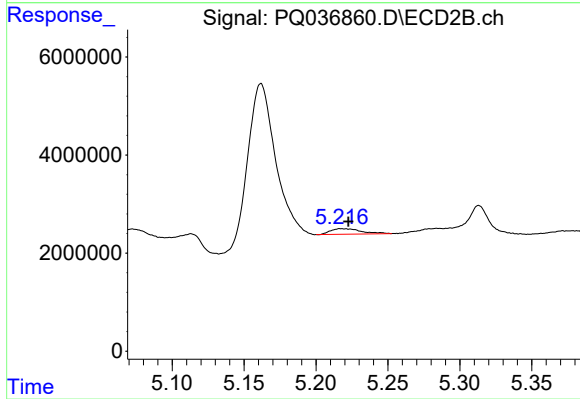
#14 AR-1232-4

R.T.: 5.073 min
Delta R.T.: 0.021 min
Response: 8732781
Conc: 368.86 ng/ml



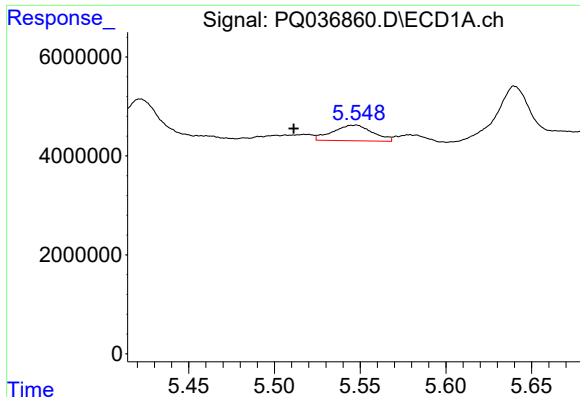
#15 AR-1232-5

R.T.: 5.799 min
Delta R.T.: 0.021 min
Response: -1392292
Conc: N.D.



#15 AR-1232-5

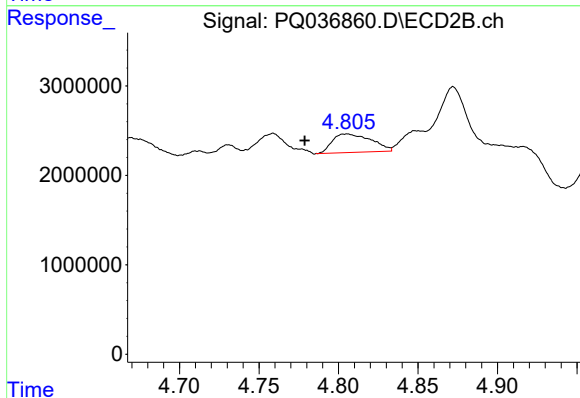
R.T.: 5.218 min
Delta R.T.: -0.005 min
Response: 1667154
Conc: 65.99 ng/ml



#16 AR-1242-1

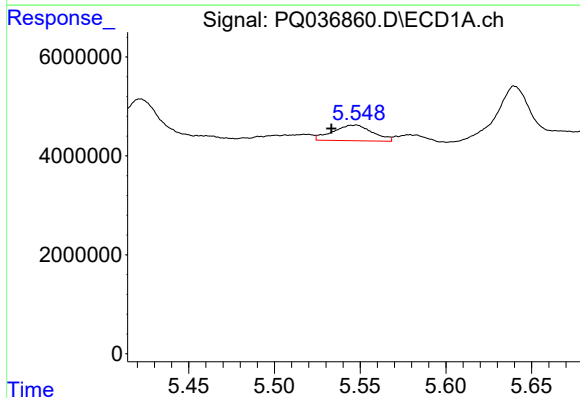
R.T.: 5.547 min
Delta R.T.: 0.036 min
Response: 5116963
Conc: 44.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



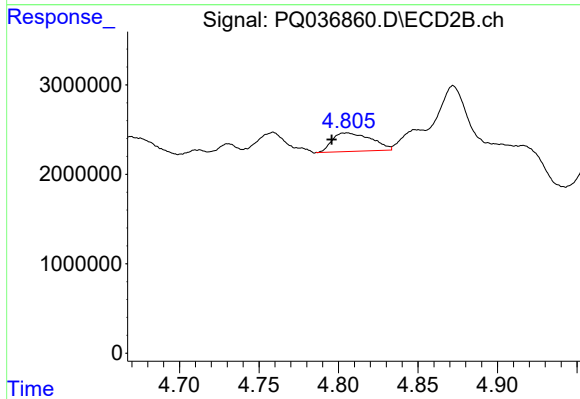
#16 AR-1242-1

R.T.: 4.805 min
Delta R.T.: 0.026 min
Response: 3541264
Conc: 56.39 ng/ml



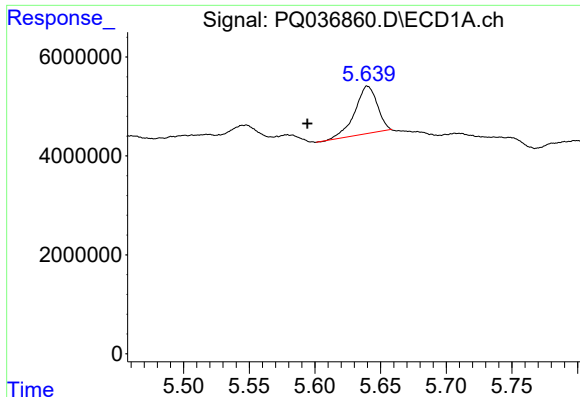
#17 AR-1242-2

R.T.: 5.547 min
Delta R.T.: 0.014 min
Response: 5116963
Conc: 28.86 ng/ml



#17 AR-1242-2

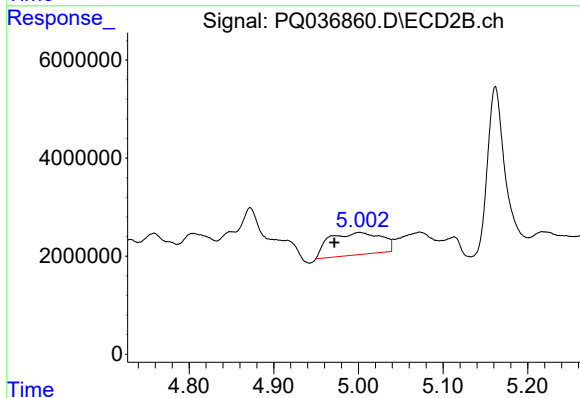
R.T.: 4.805 min
Delta R.T.: 0.009 min
Response: 3541264
Conc: 37.94 ng/ml



#18 AR-1242-3

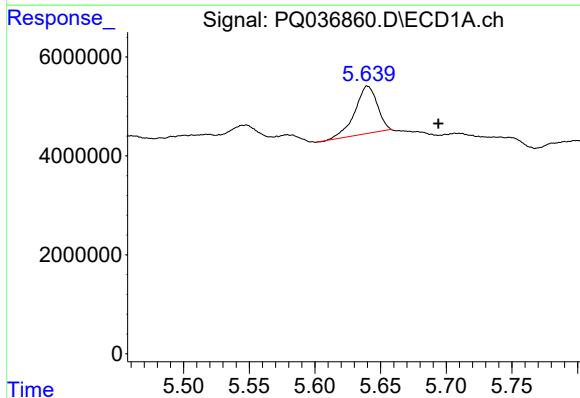
R.T.: 5.640 min
Delta R.T.: 0.046 min
Response: 11374805
Conc: 109.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



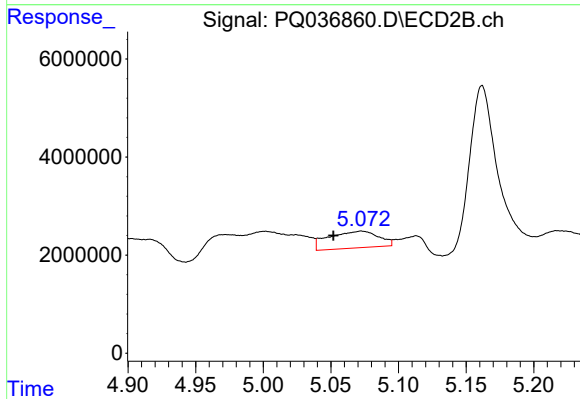
#18 AR-1242-3

R.T.: 5.001 min
Delta R.T.: 0.030 min
Response: 19364035
Conc: 413.84 ng/ml



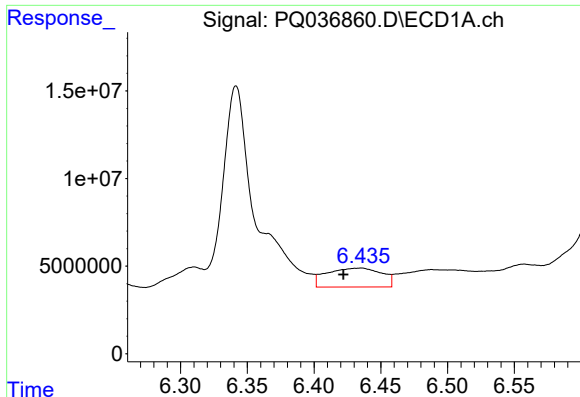
#19 AR-1242-4

R.T.: 5.640 min
Delta R.T.: -0.054 min
Response: 11374805
Conc: 135.23 ng/ml



#19 AR-1242-4

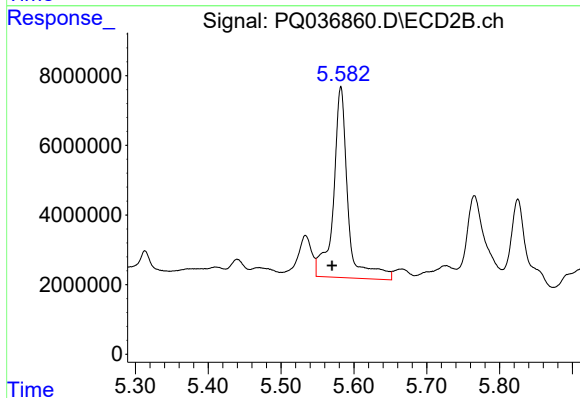
R.T.: 5.073 min
Delta R.T.: 0.021 min
Response: 8732781
Conc: 191.13 ng/ml



#20 AR-1242-5

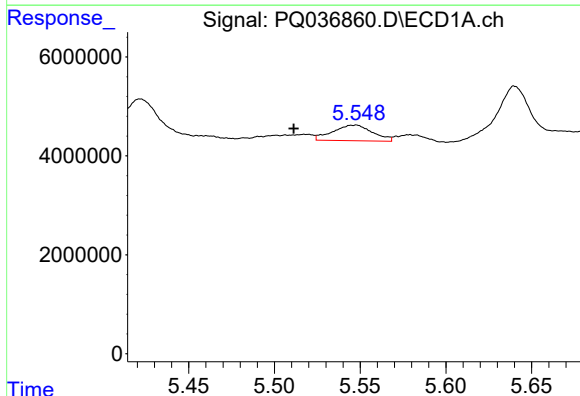
R.T.: 6.435 min
Delta R.T.: 0.013 min
Response: 30973246
Conc: 341.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



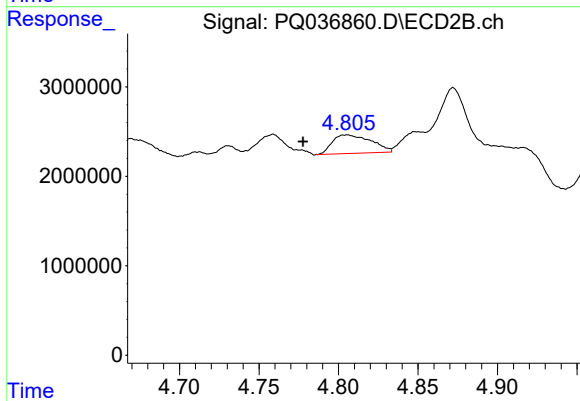
#20 AR-1242-5

R.T.: 5.582 min
Delta R.T.: 0.012 min
Response: 75621996
Conc: 1350.92 ng/ml



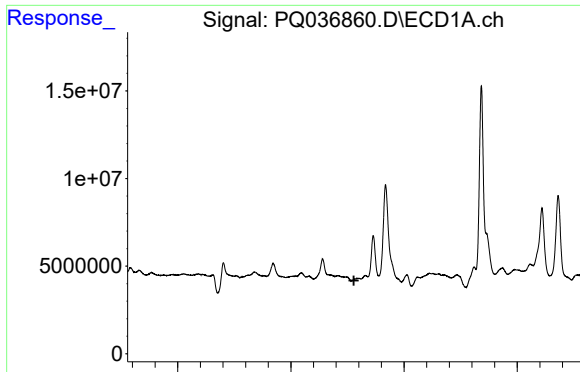
#21 AR-1248-1

R.T.: 5.547 min
Delta R.T.: 0.036 min
Response: 5116963
Conc: 56.94 ng/ml



#21 AR-1248-1

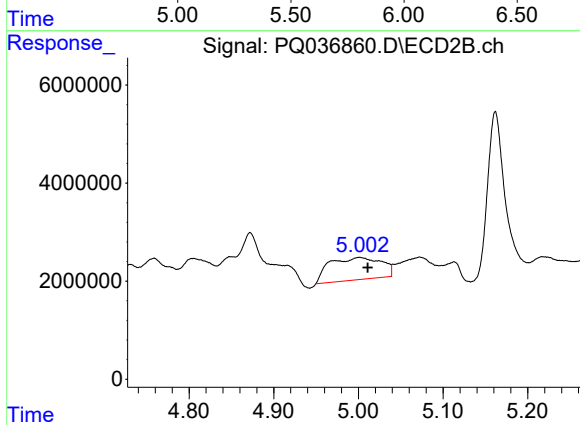
R.T.: 4.805 min
Delta R.T.: 0.027 min
Response: 3541264
Conc: 71.81 ng/ml



#22 AR-1248-2

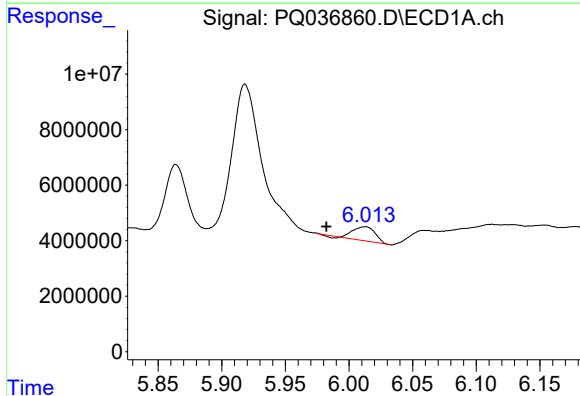
R.T.: 5.799 min
Delta R.T.: 0.020 min
Response: -1392292
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



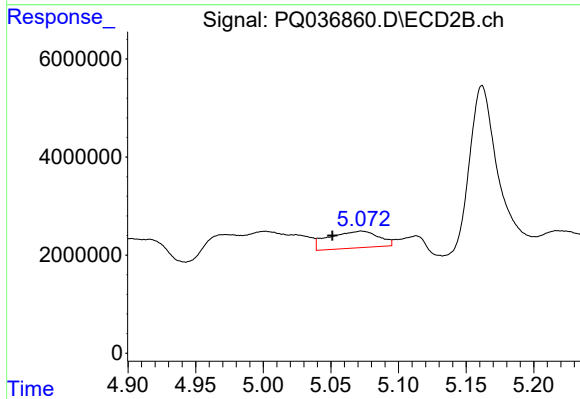
#22 AR-1248-2

R.T.: 5.001 min
Delta R.T.: -0.010 min
Response: 19364035
Conc: 298.46 ng/ml



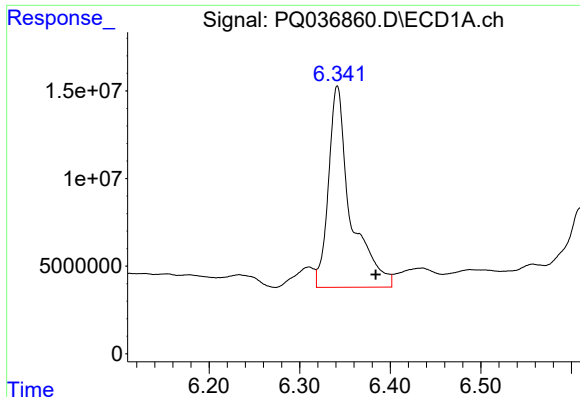
#23 AR-1248-3

R.T.: 6.013 min
Delta R.T.: 0.031 min
Response: 6114706
Conc: 44.52 ng/ml



#23 AR-1248-3

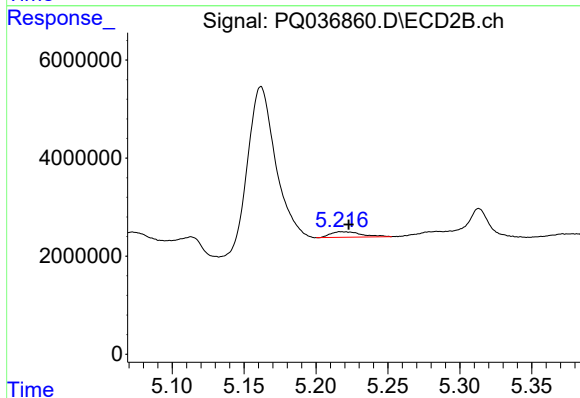
R.T.: 5.073 min
Delta R.T.: 0.021 min
Response: 8732781
Conc: 131.78 ng/ml



#24 AR-1248-4

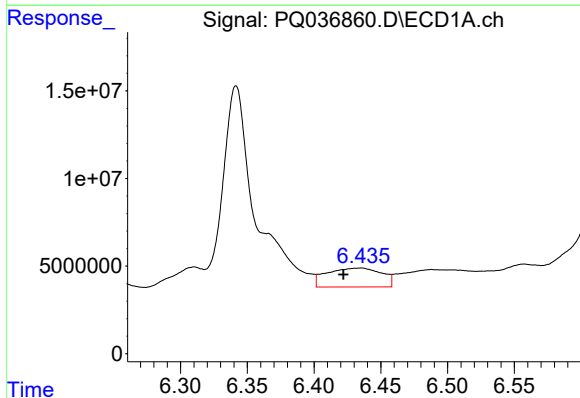
R.T.: 6.342 min
Delta R.T.: -0.042 min
Response: 195171711
Conc: 1243.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



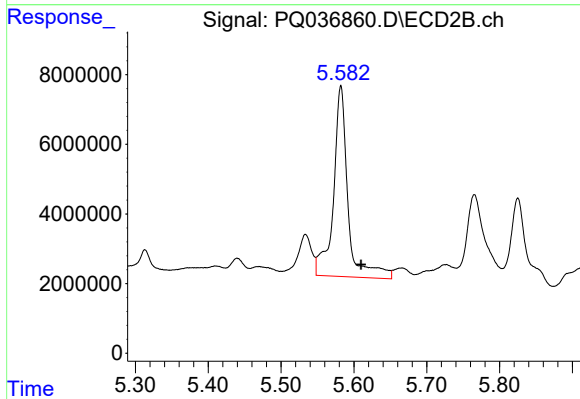
#24 AR-1248-4

R.T.: 5.218 min
Delta R.T.: -0.005 min
Response: 1667154
Conc: 20.99 ng/ml



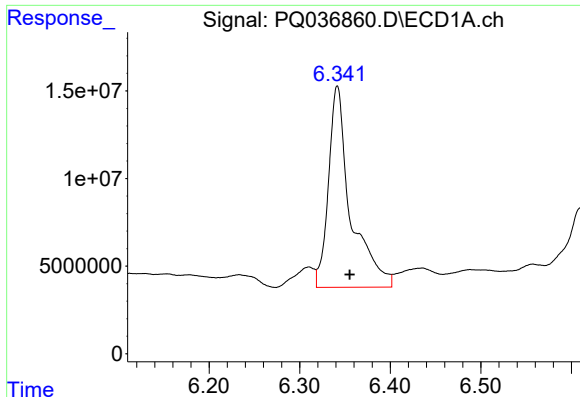
#25 AR-1248-5

R.T.: 6.435 min
Delta R.T.: 0.013 min
Response: 30973246
Conc: 208.72 ng/ml



#25 AR-1248-5

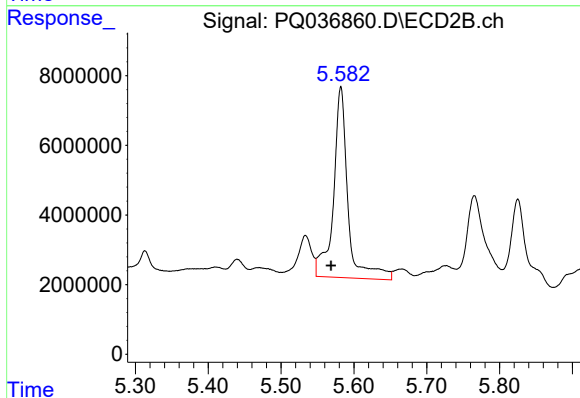
R.T.: 5.582 min
Delta R.T.: -0.028 min
Response: 75621996
Conc: 957.09 ng/ml



#26 AR-1254-1

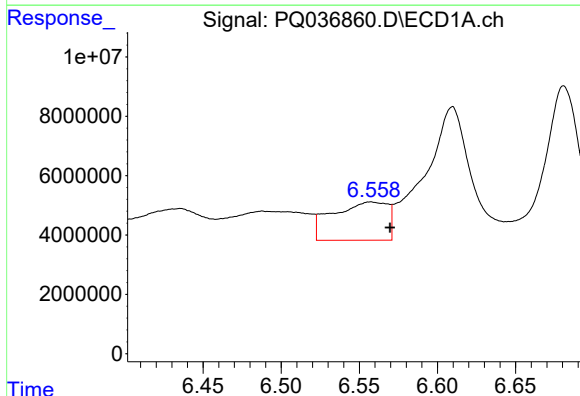
R.T.: 6.342 min
Delta R.T.: -0.014 min
Response: 195171711
Conc: 1100.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



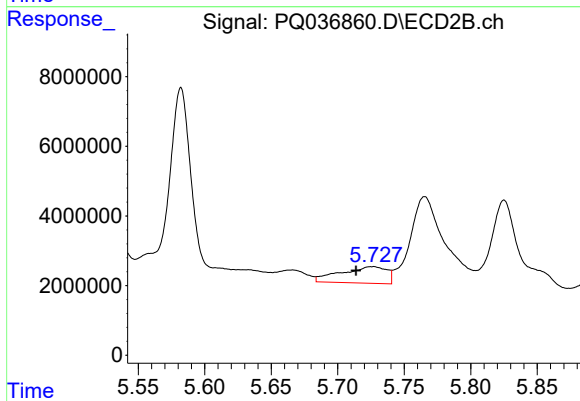
#26 AR-1254-1

R.T.: 5.582 min
Delta R.T.: 0.014 min
Response: 75621996
Conc: 564.84 ng/ml



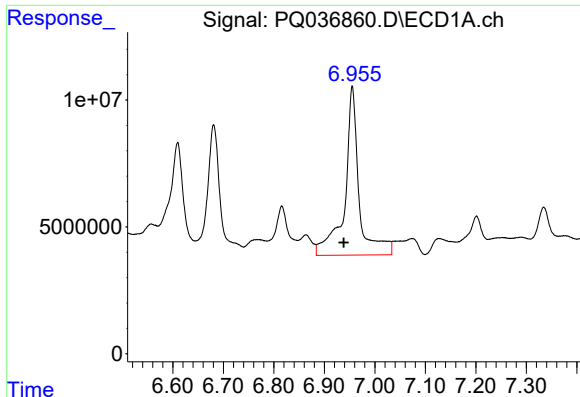
#27 AR-1254-2

R.T.: 6.557 min
Delta R.T.: -0.012 min
Response: 31497492
Conc: 120.91 ng/ml



#27 AR-1254-2

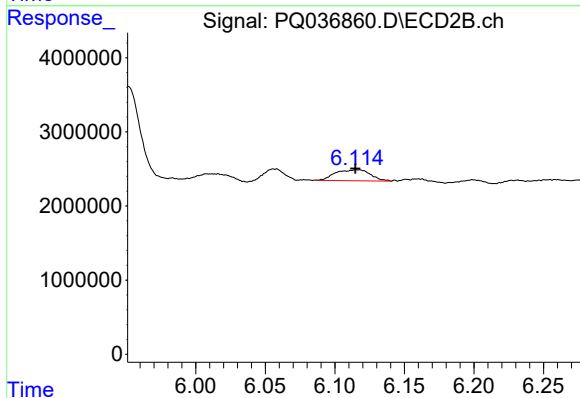
R.T.: 5.727 min
Delta R.T.: 0.013 min
Response: 11419340
Conc: 103.19 ng/ml



#28 AR-1254-3

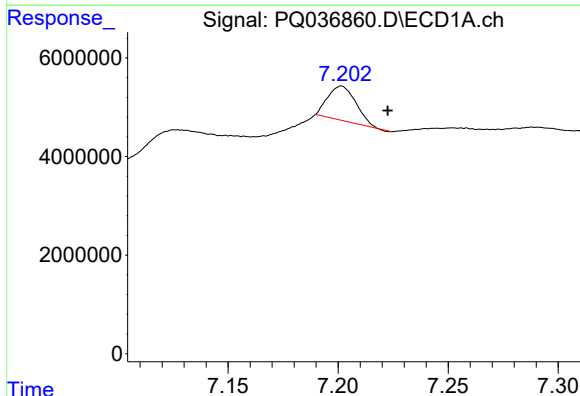
R.T.: 6.955 min
Delta R.T.: 0.017 min
Response: 131606460
Conc: 491.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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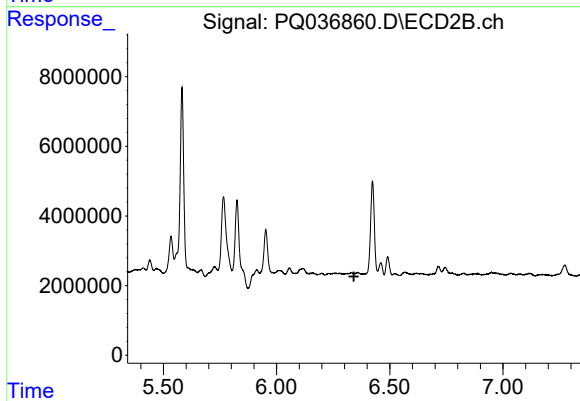
#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 2603444
Conc: 14.46 ng/ml



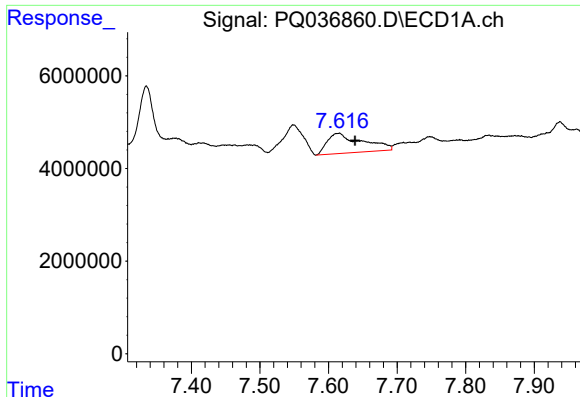
#29 AR-1254-4

R.T.: 7.201 min
Delta R.T.: -0.021 min
Response: 6197350
Conc: 31.24 ng/ml



#29 AR-1254-4

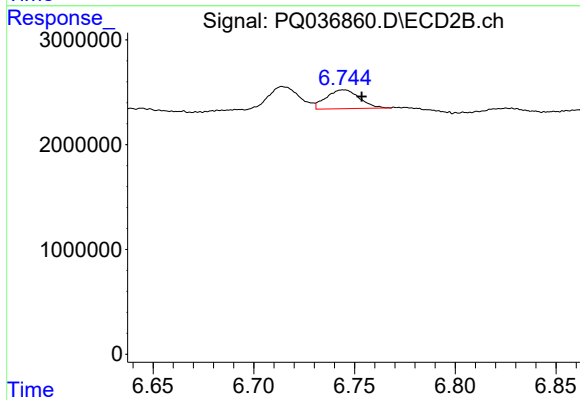
R.T.: 0.000 min
Exp R.T.: 6.342 min
Response: 0
Conc: N.D.



#30 AR-1254-5

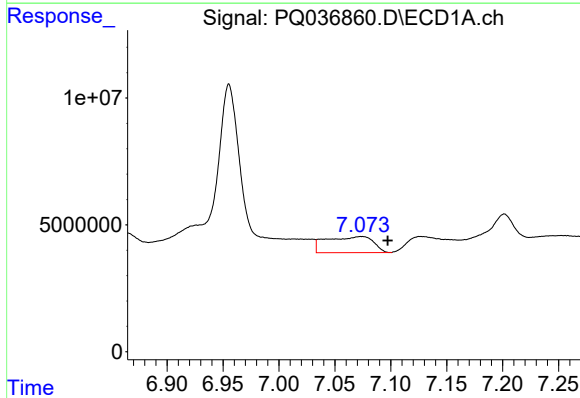
R.T.: 7.615 min
Delta R.T.: -0.023 min
Response: 15392682
Conc: 75.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



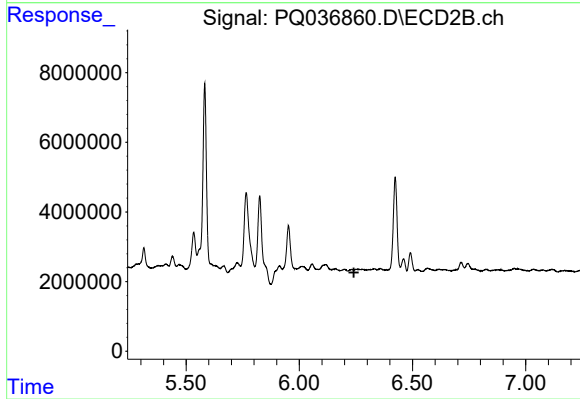
#30 AR-1254-5

R.T.: 6.745 min
Delta R.T.: -0.009 min
Response: 2064696
Conc: 13.75 ng/ml



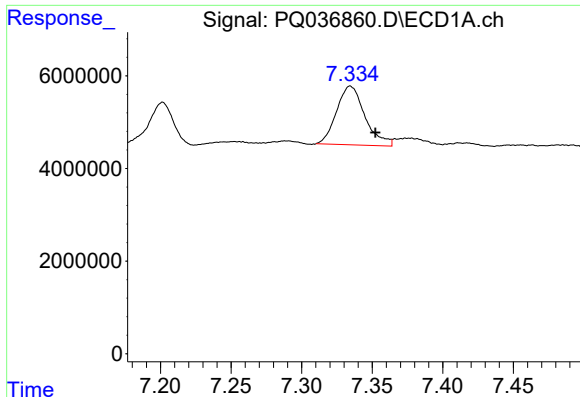
#31 AR-1260-1

R.T.: 7.074 min
Delta R.T.: -0.023 min
Response: 18617758
Conc: 95.59 ng/ml



#31 AR-1260-1

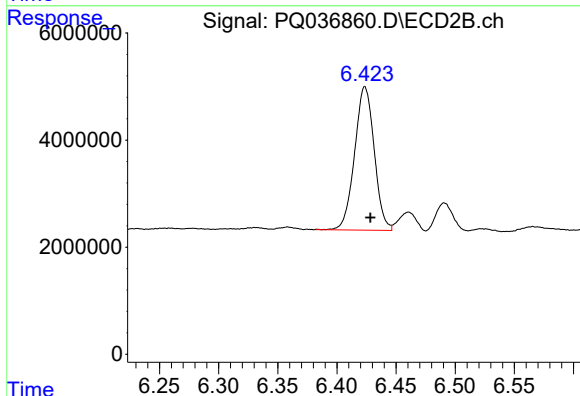
R.T.: 0.000 min
Exp R.T.: 6.241 min
Response: 0
Conc: N.D.



#32 AR-1260-2

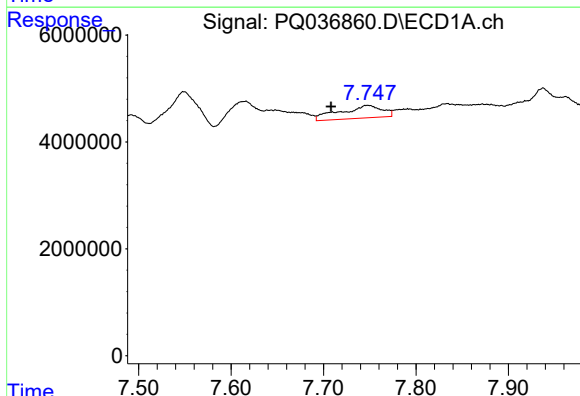
R.T.: 7.335 min
Delta R.T.: -0.018 min
Response: 17728435
Conc: 76.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



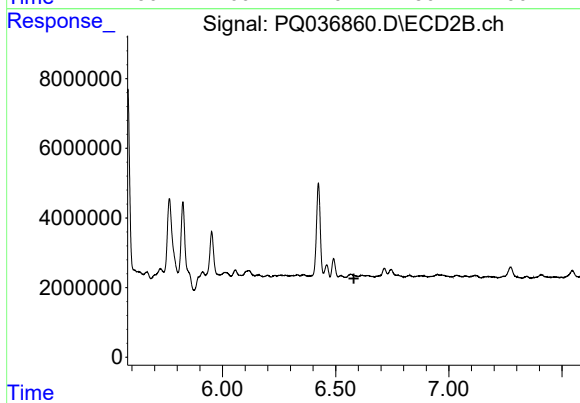
#32 AR-1260-2

R.T.: 6.424 min
Delta R.T.: -0.005 min
Response: 30959124
Conc: 220.22 ng/ml



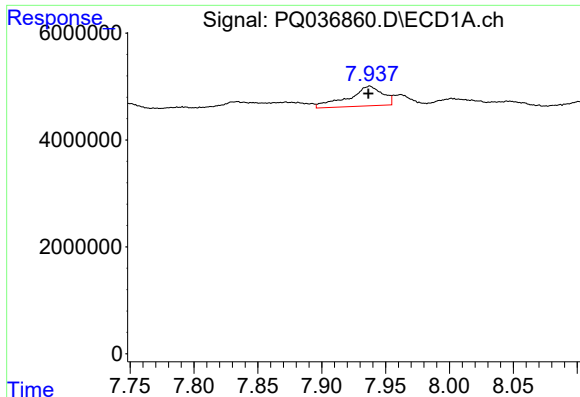
#33 AR-1260-3

R.T.: 7.747 min
Delta R.T.: 0.039 min
Response: 7413731
Conc: 51.41 ng/ml



#33 AR-1260-3

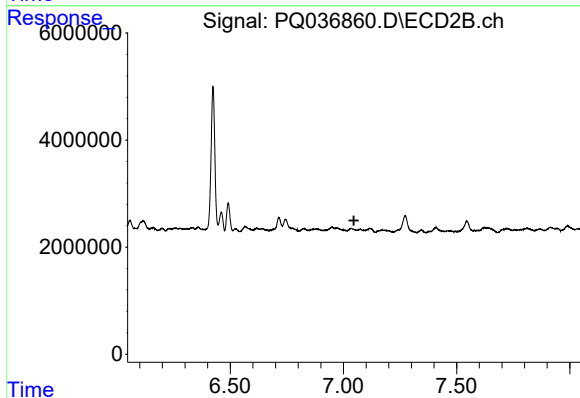
R.T.: 0.000 min
Exp R.T. : 6.580 min
Response: 0
Conc: N.D.



#34 AR-1260-4

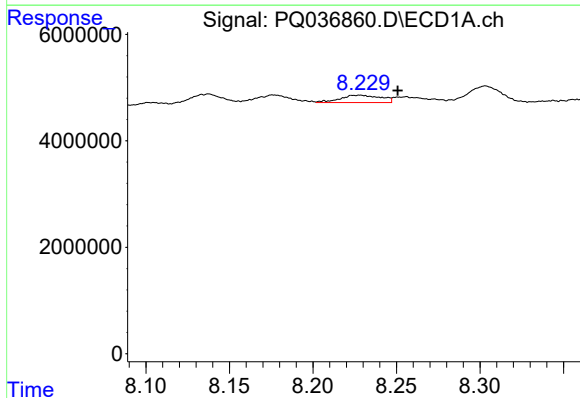
R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 6878328
Conc: 40.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



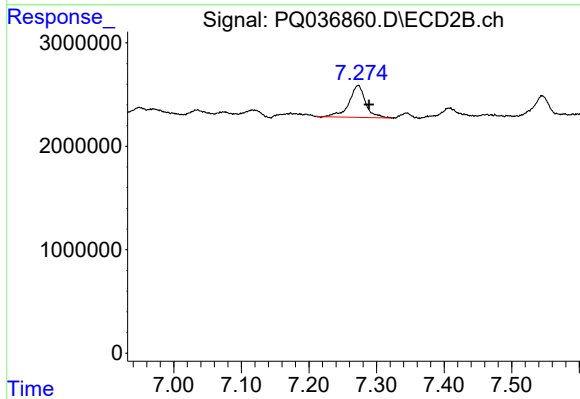
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.046 min
Response: 0
Conc: N.D.



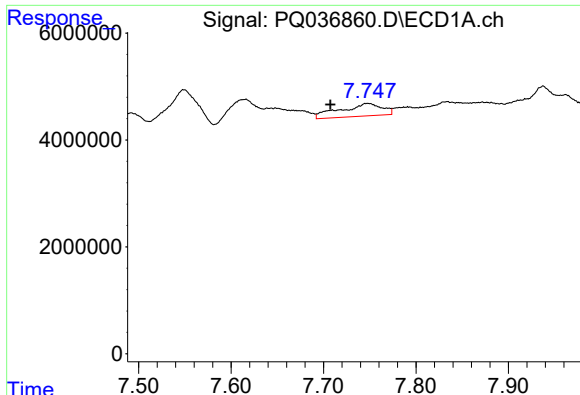
#35 AR-1260-5

R.T.: 8.228 min
Delta R.T.: -0.023 min
Response: 2305633
Conc: 6.86 ng/ml



#35 AR-1260-5

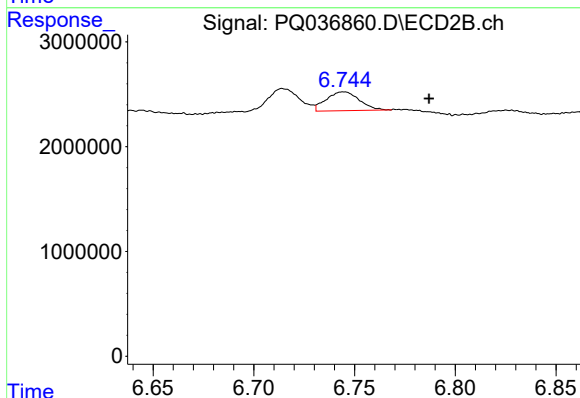
R.T.: 7.273 min
Delta R.T.: -0.016 min
Response: 5236053
Conc: 23.98 ng/ml



#36 AR-1262-1

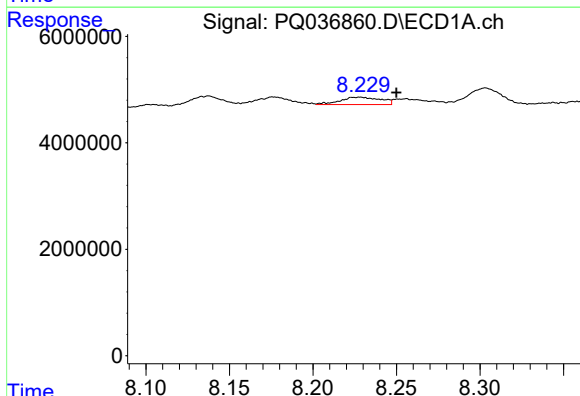
R.T.: 7.747 min
Delta R.T.: 0.040 min
Response: 7413731
Conc: 26.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



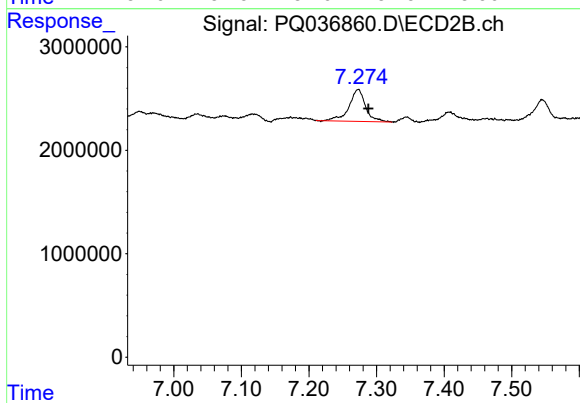
#36 AR-1262-1

R.T.: 6.745 min
Delta R.T.: -0.042 min
Response: 2064696
Conc: 12.30 ng/ml



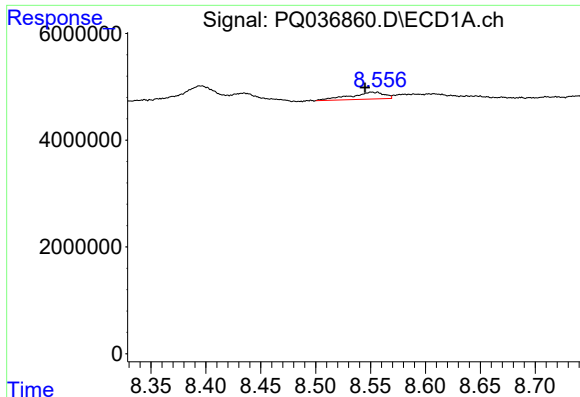
#37 AR-1262-2

R.T.: 8.228 min
Delta R.T.: -0.022 min
Response: 2305633
Conc: 4.70 ng/ml



#37 AR-1262-2

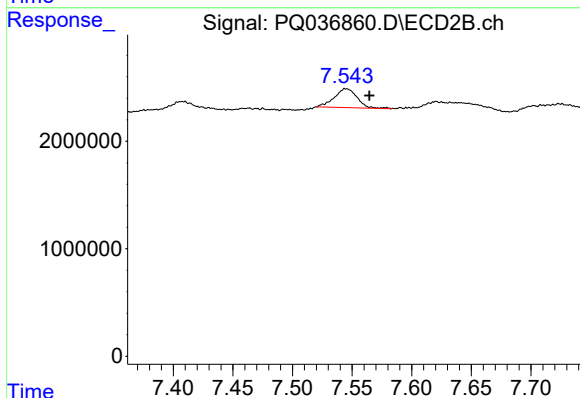
R.T.: 7.273 min
Delta R.T.: -0.015 min
Response: 5236053
Conc: 17.29 ng/ml



#38 AR-1262-3

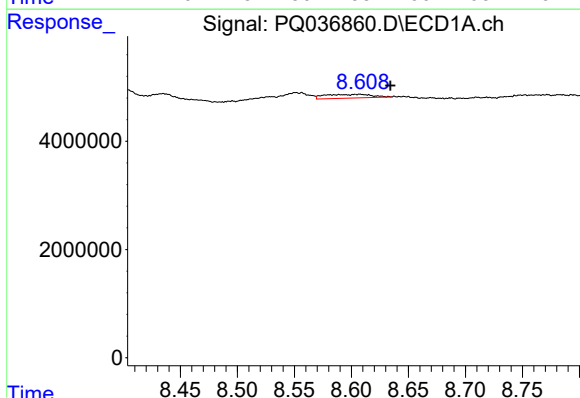
R.T.: 8.551 min
Delta R.T.: 0.006 min
Response: 2800635
Conc: 13.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



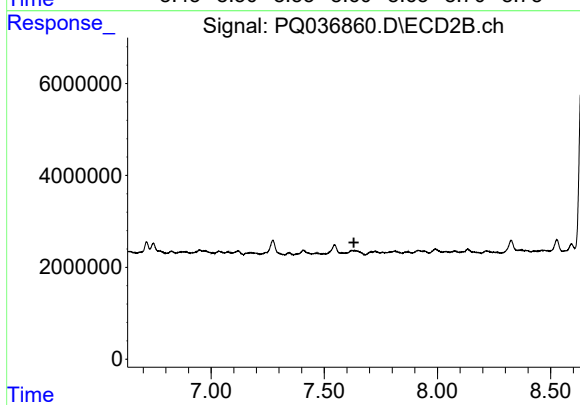
#38 AR-1262-3

R.T.: 7.545 min
Delta R.T.: -0.020 min
Response: 2337857
Conc: 20.81 ng/ml



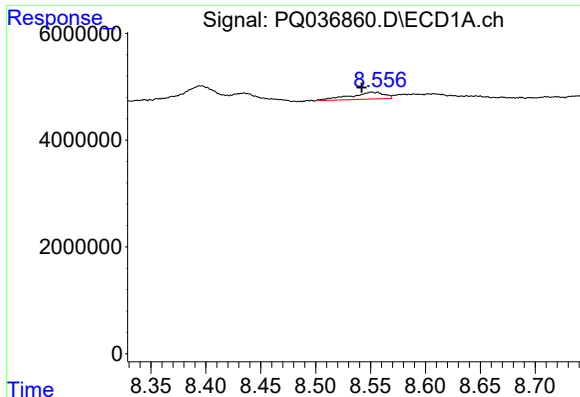
#39 AR-1262-4

R.T.: 8.608 min
Delta R.T.: -0.026 min
Response: 1968686
Conc: 8.12 ng/ml



#39 AR-1262-4

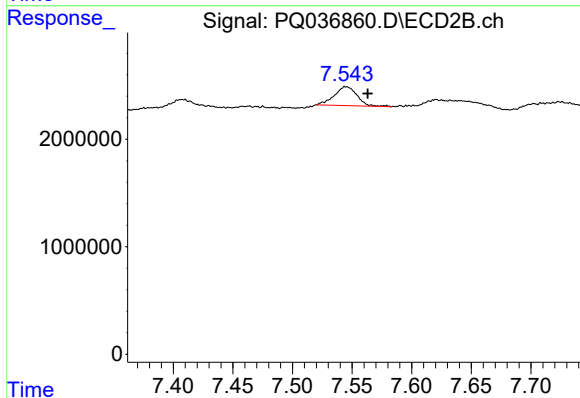
R.T.: 0.000 min
Exp R.T.: 7.631 min
Response: 0
Conc: N.D.



#41 AR-1268-1

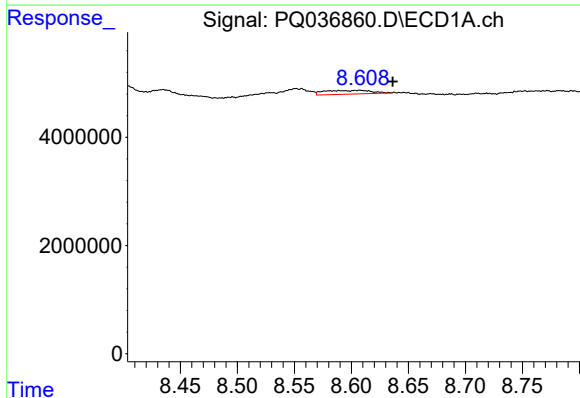
R.T.: 8.551 min
Delta R.T.: 0.009 min
Response: 2800635
Conc: 4.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-ARE



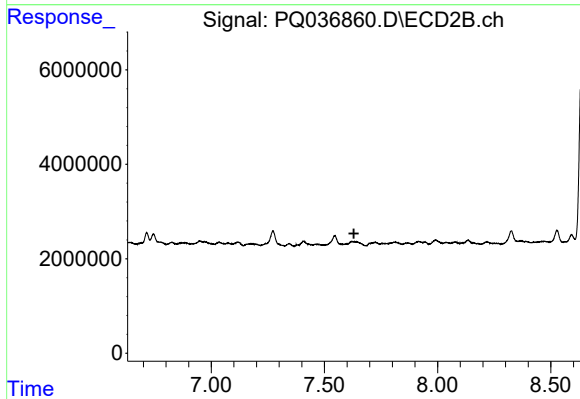
#41 AR-1268-1

R.T.: 7.545 min
Delta R.T.: -0.018 min
Response: 2337857
Conc: 6.43 ng/ml



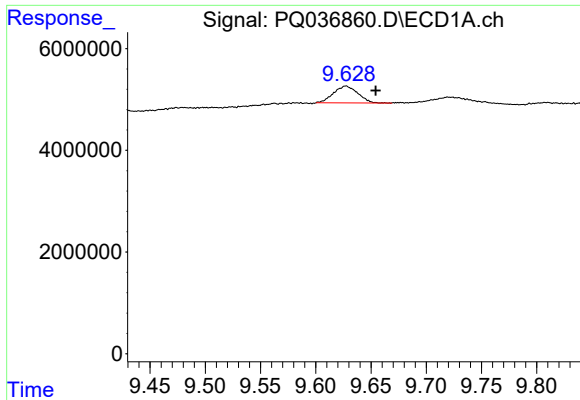
#42 AR-1268-2

R.T.: 8.608 min
Delta R.T.: -0.028 min
Response: 1968686
Conc: 3.35 ng/ml



#42 AR-1268-2

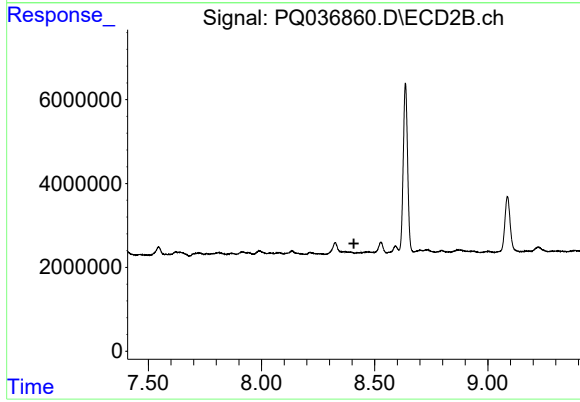
R.T.: 0.000 min
Exp R.T.: 7.630 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.627 min
Delta R.T.: -0.027 min
Response: 5050775
Conc: 3.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.408 min
Response: 0
Conc: N.D.