

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110719\
 Data File : PQ044901.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2019 11:36
 Operator : SM\AJ
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1268303

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 23:13:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 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...	5.102	4.309	189.2E6	121.8E6	23.835	25.837
2)	SA Decachlor...	11.168	9.724	481.2E6	489.5E6	69.483	72.143
Target Compounds							
3)	L1 AR-1016-1	0.000	5.588	0	906056	N.D.	4.919 #
4)	L1 AR-1016-2	0.000	5.608	0	801165	N.D.	3.032 #
5)	L1 AR-1016-3	0.000	5.805	0	637313	N.D.	4.938 #
6)	L1 AR-1016-4	0.000	5.855	0	878757	N.D.	8.092 #
7)	L1 AR-1016-5	0.000	6.089	0	5491401	N.D.	35.943 #
9)	L2 AR-1221-2	5.454	4.671	2348159	1752043	39.994	44.378
12)	L3 AR-1232-2	0.000	5.608	0	801165	N.D.	6.442 #
13)	L3 AR-1232-3	0.000	5.805	0	637313	N.D.	10.762 #
14)	L3 AR-1232-4	0.000	5.899	0	818871	N.D.	13.622 #
15)	L3 AR-1232-5	0.000	6.089	0	5491401	N.D.	75.397 #
16)	L4 AR-1242-1	0.000	5.588	0	906056	N.D.	5.779 #
17)	L4 AR-1242-2	0.000	5.608	0	801165	N.D.	3.581 #
18)	L4 AR-1242-3	0.000	5.805	0	637313	N.D.	5.734 #
19)	L4 AR-1242-4	0.000	5.899	0	818871	N.D.	6.867 #
20)	L4 AR-1242-5	7.393	6.470	6046517	1662777	33.413	10.126 #
21)	L5 AR-1248-1	0.000	5.588	0	906056	N.D.	7.280 #
22)	L5 AR-1248-2	0.000	5.855	0	878757	N.D.	5.162 #
23)	L5 AR-1248-3	0.000	5.899	0	818871	N.D.	4.579 #
24)	L5 AR-1248-4	7.355	6.089	6270690	5491401	20.704	25.228
25)	L5 AR-1248-5	7.393	6.498	6046517	6306959	21.138	28.284 #
26)	L6 AR-1254-1	7.328	6.470	14709813	1662777	45.463	4.571 #
27)	L6 AR-1254-2	7.559	0.000	2386306	0	4.806	N.D. #
28)	L6 AR-1254-3	7.941	7.057	2184676	2516255	4.105	4.536
29)	L6 AR-1254-4	0.000	7.295	0	1078580	N.D.	3.018 #
30)	L6 AR-1254-5	8.644	7.766	2816682	83167175	6.520	166.327 #
31)	L7 AR-1260-1	8.128	7.184	336307	3150861	1.077	10.284 #
32)	L7 AR-1260-2	8.369	7.384	1617686	3890415	3.951	9.853 #
33)	L7 AR-1260-3	8.736	7.552	83632465	5626206	256.164	16.423 #
34)	L7 AR-1260-4	8.988	8.029	109.4E6	106.8E6	287.678	348.226
35)	L7 AR-1260-5	9.302	8.279	44002263	45372782	57.161	57.975
36)	L8 AR-1262-1	8.795	7.766	5690665	83167175	27.281	328.602 #
37)	L8 AR-1262-2	9.302	8.279	44002263	45372782	48.719	45.983
38)	L8 AR-1262-3	9.622	8.567	451.3E6	475.7E6	739.965	1234.673 #
39)	L8 AR-1262-4	9.719	8.634	416.6E6	434.8E6	916.882	590.207 #
40)	L8 AR-1262-5	10.396	9.147	138.8E6	145.3E6	453.666	417.308
41)	L9 AR-1268-1	9.622	8.567	451.3E6	475.7E6	404.119	395.629
42)	L9 AR-1268-2	9.719	8.634	416.6E6	434.8E6	409.791	390.459
43)	L9 AR-1268-3	9.953	8.843	348.0E6	353.3E6	398.067	379.828
44)	L9 AR-1268-4	10.396	9.147	138.8E6	145.3E6	399.742	360.742

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Sample : AR1268CCC400
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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AR1268303

Integration File signal 1: autoint1.e
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Quant Time: Nov 08 23:13:43 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 03:35:55 2019
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
45)	L9 AR-1268-5	10.821	9.455	1046.1E6	1156.5E6	400.979	382.682

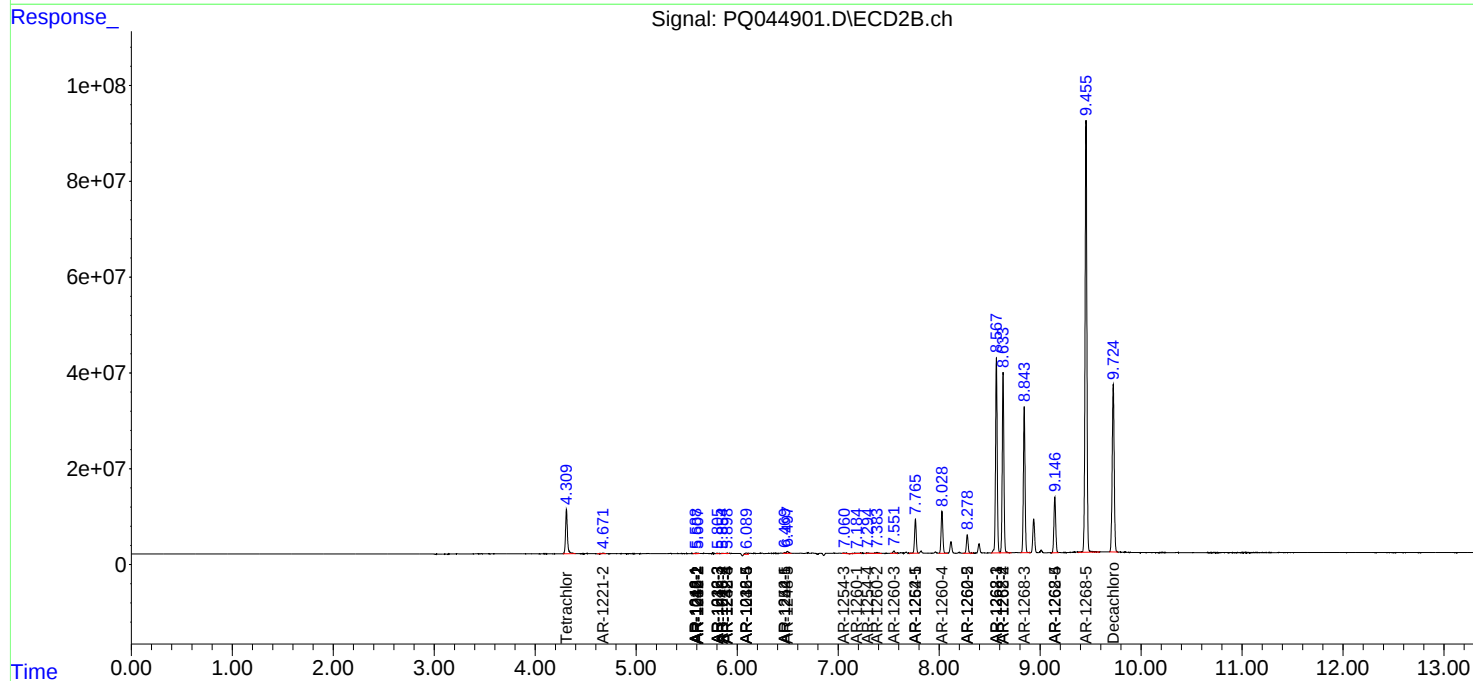
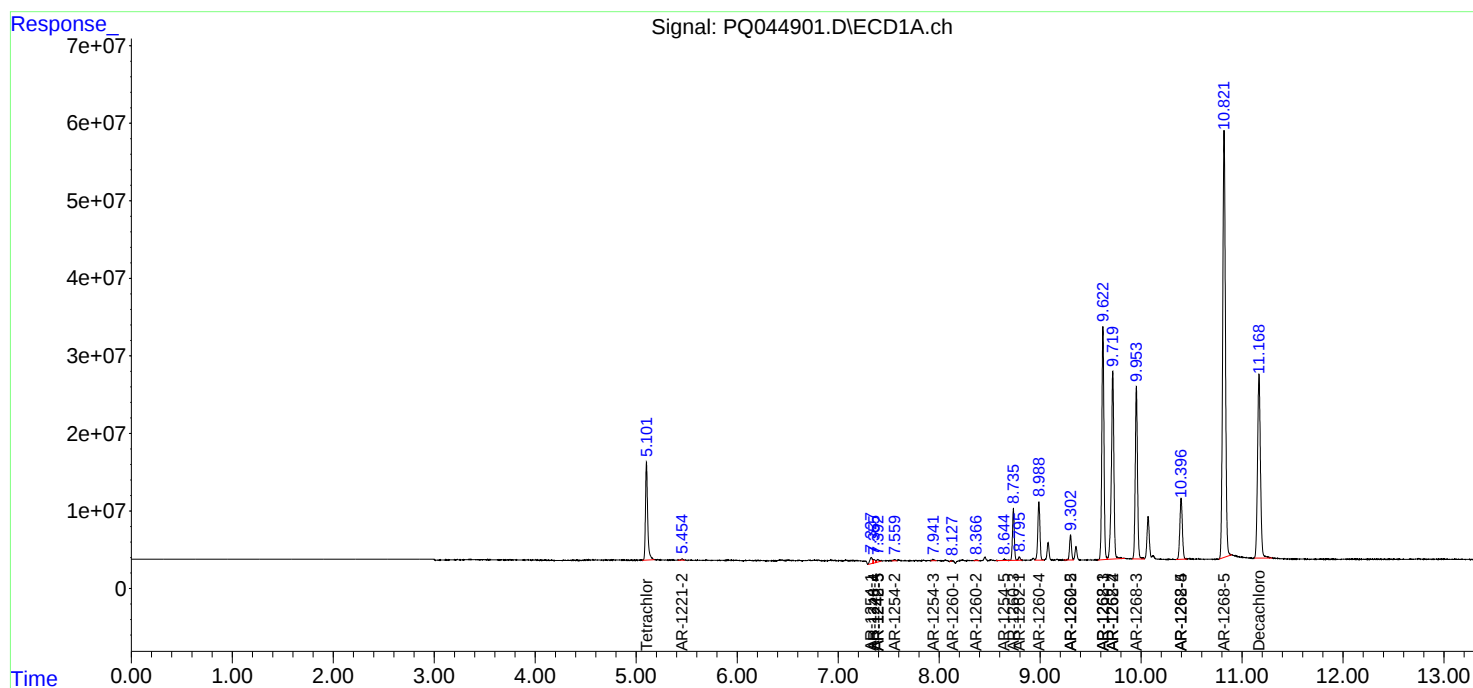
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

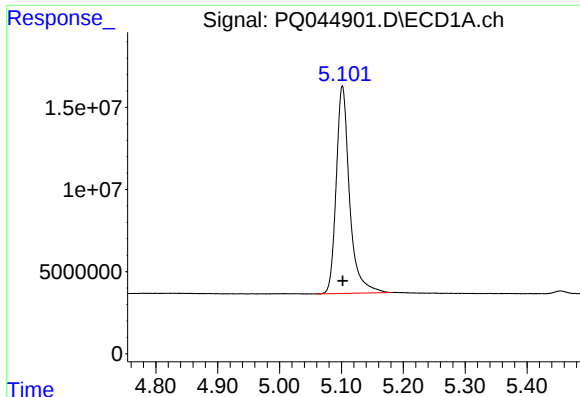
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110719\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

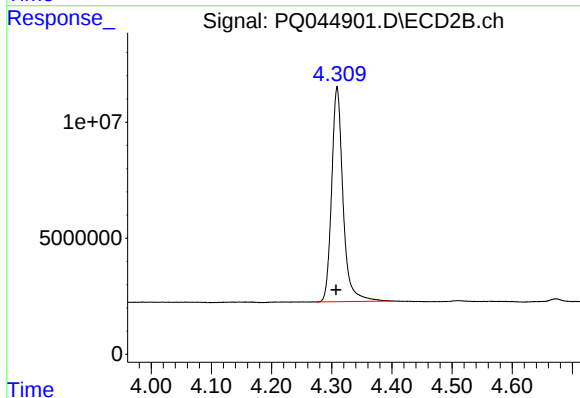




#1 Tetrachloro-m-xylene

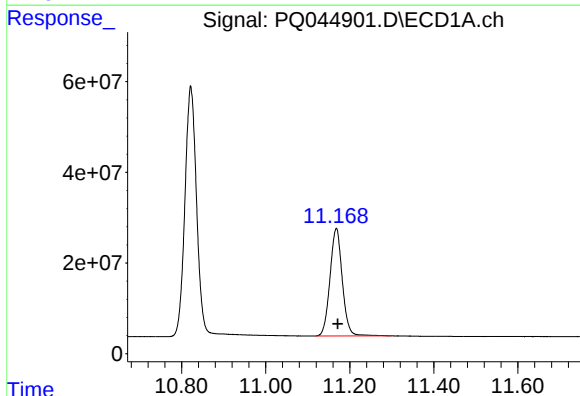
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 189202374
Conc: 23.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



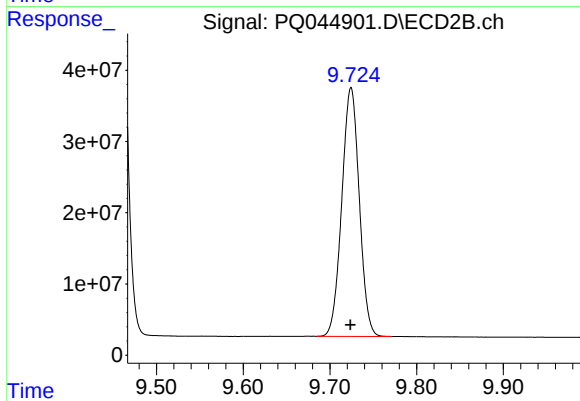
#1 Tetrachloro-m-xylene

R.T.: 4.309 min
Delta R.T.: 0.002 min
Response: 121827283
Conc: 25.84 ng/ml



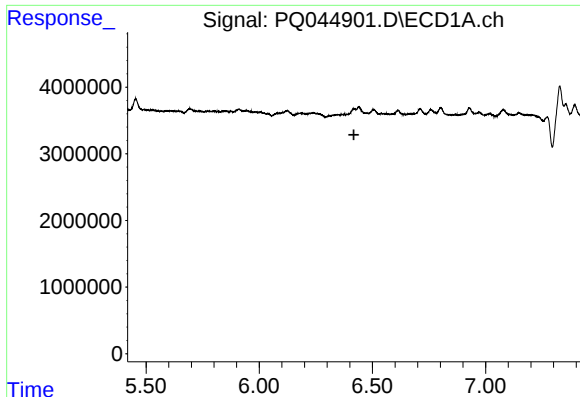
#2 Decachlorobiphenyl

R.T.: 11.168 min
Delta R.T.: -0.003 min
Response: 481235708
Conc: 69.48 ng/ml



#2 Decachlorobiphenyl

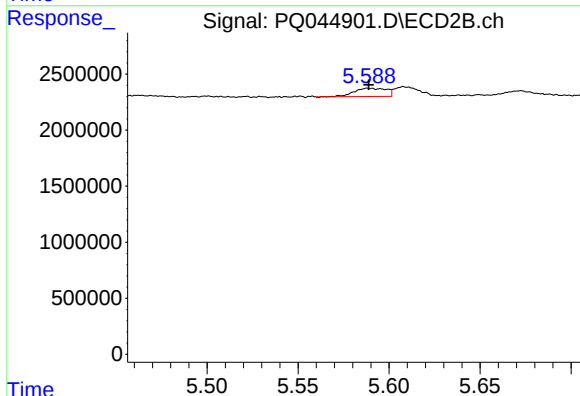
R.T.: 9.724 min
Delta R.T.: 0.000 min
Response: 489494343
Conc: 72.14 ng/ml



#3 AR-1016-1

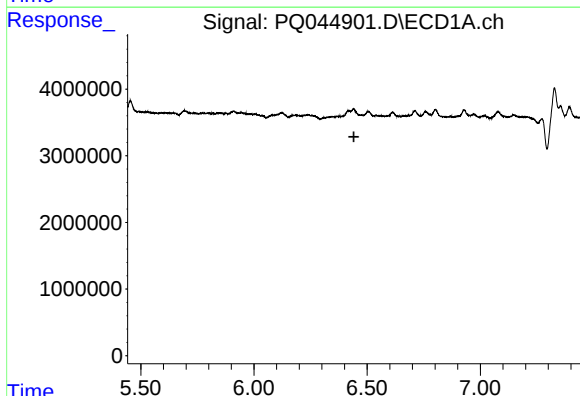
R.T.: 0.000 min
Exp R.T.: 6.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268303



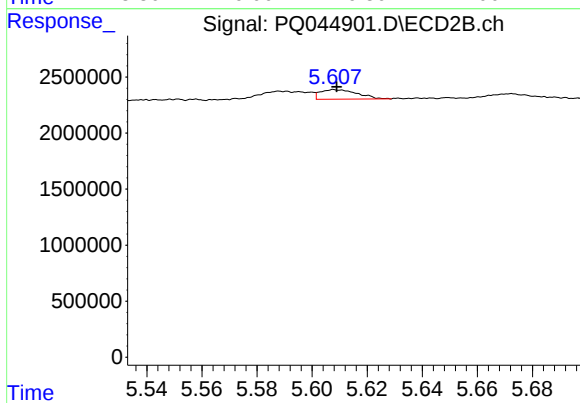
#3 AR-1016-1

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 906056
Conc: 4.92 ng/ml



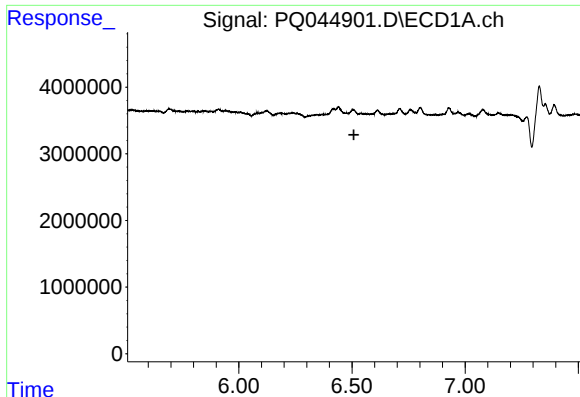
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.442 min
Response: 0
Conc: N.D.



#4 AR-1016-2

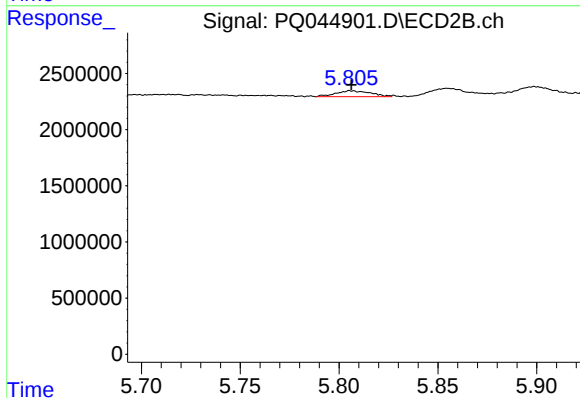
R.T.: 5.608 min
Delta R.T.: -0.001 min
Response: 801165
Conc: 3.03 ng/ml



#5 AR-1016-3

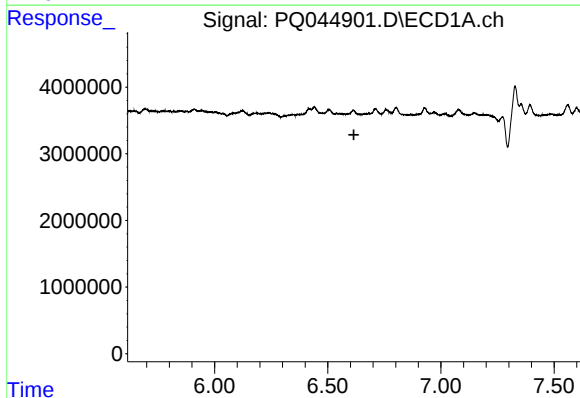
R.T.: 0.000 min
Exp R.T.: 6.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268303



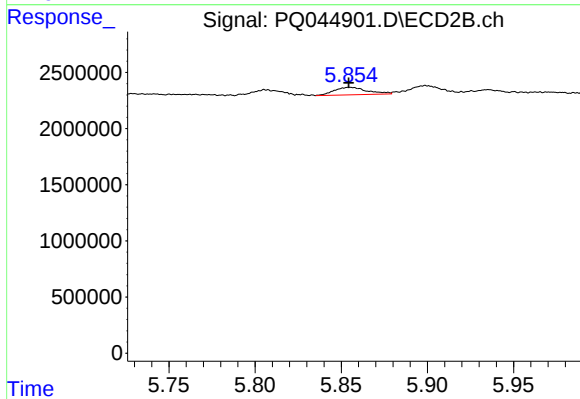
#5 AR-1016-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 637313
Conc: 4.94 ng/ml



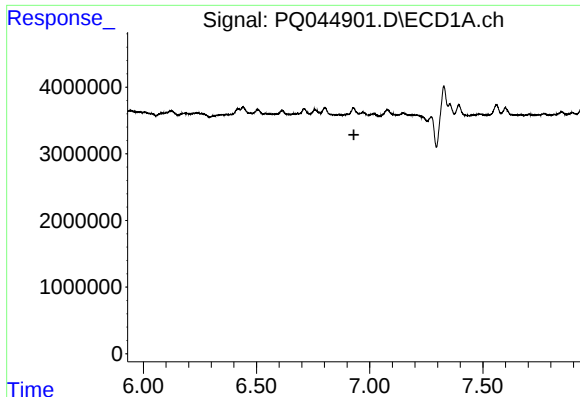
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.615 min
Response: 0
Conc: N.D.



#6 AR-1016-4

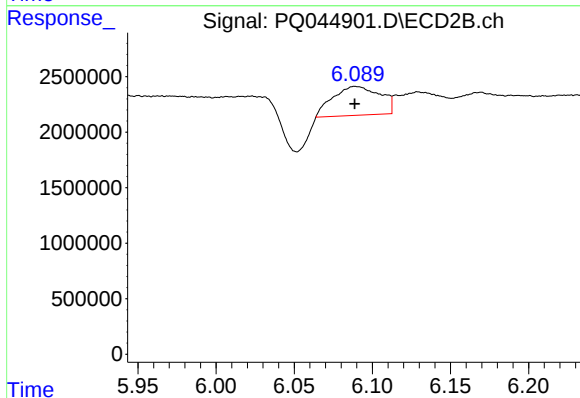
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 878757
Conc: 8.09 ng/ml



#7 AR-1016-5

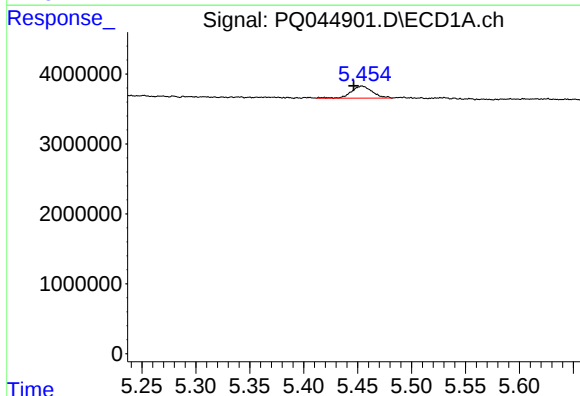
R.T.: 0.000 min
Exp R.T.: 6.930 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268303



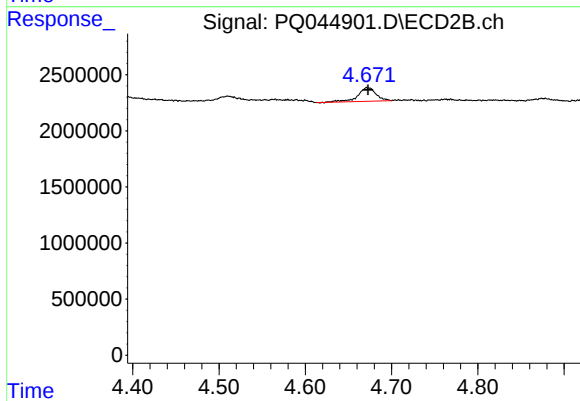
#7 AR-1016-5

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 5491401
Conc: 35.94 ng/ml



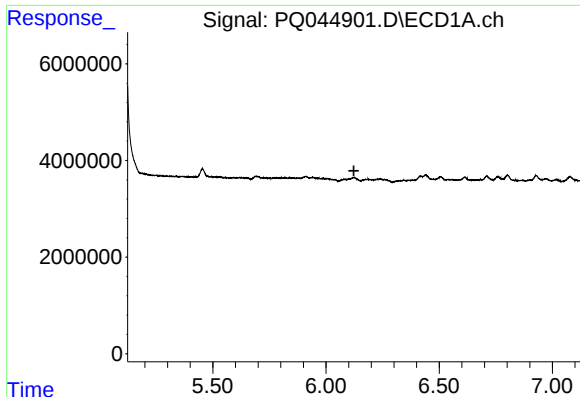
#9 AR-1221-2

R.T.: 5.454 min
Delta R.T.: 0.008 min
Response: 2348159
Conc: 39.99 ng/ml



#9 AR-1221-2

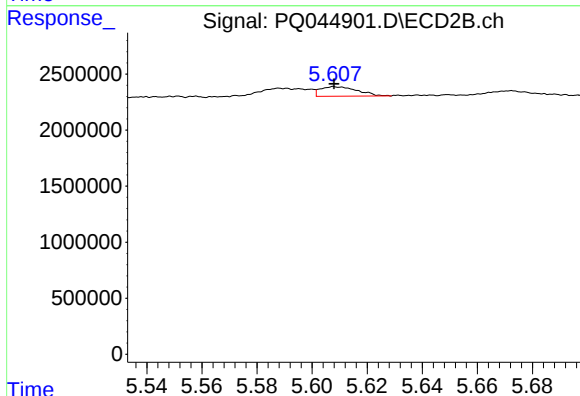
R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 1752043
Conc: 44.38 ng/ml



#12 AR-1232-2

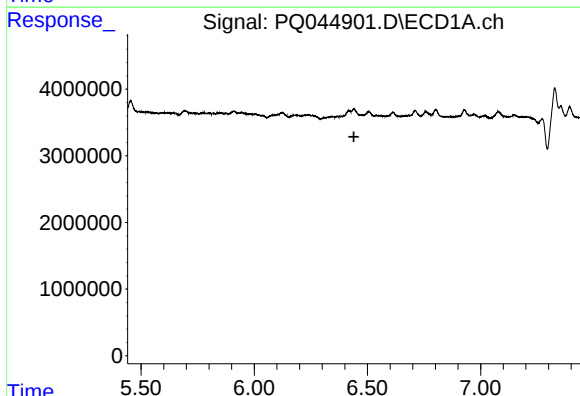
R.T.: 0.000 min
Exp R.T.: 6.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268303



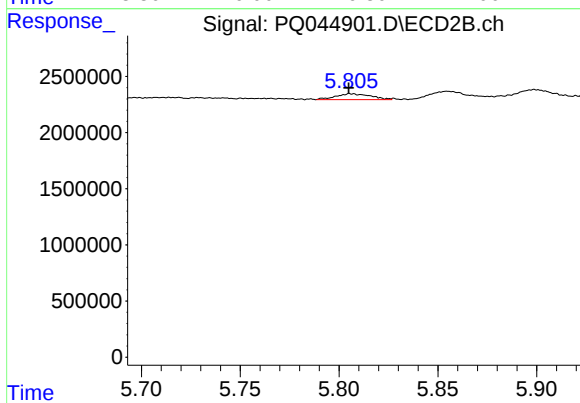
#12 AR-1232-2

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 801165
Conc: 6.44 ng/ml



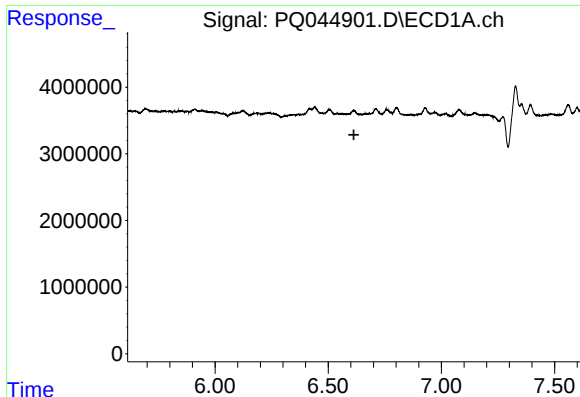
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 6.440 min
Response: 0
Conc: N.D.



#13 AR-1232-3

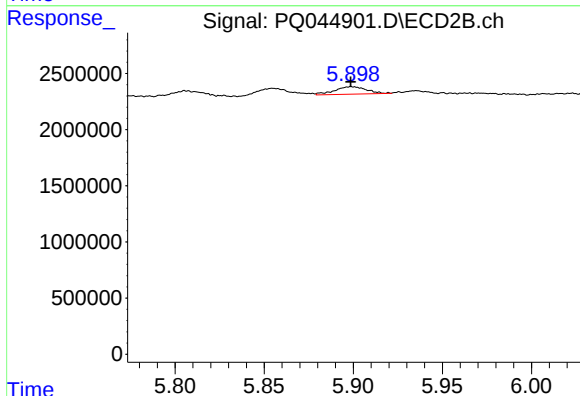
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 637313
Conc: 10.76 ng/ml



#14 AR-1232-4

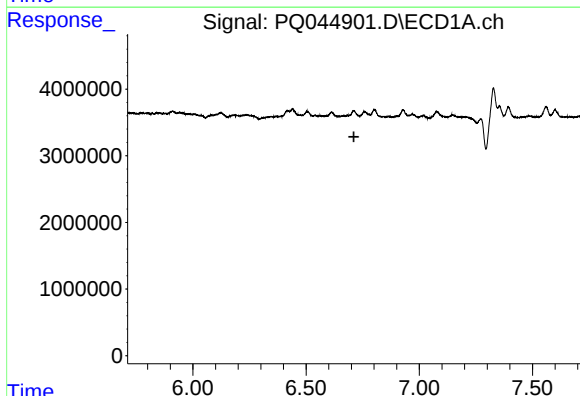
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268303



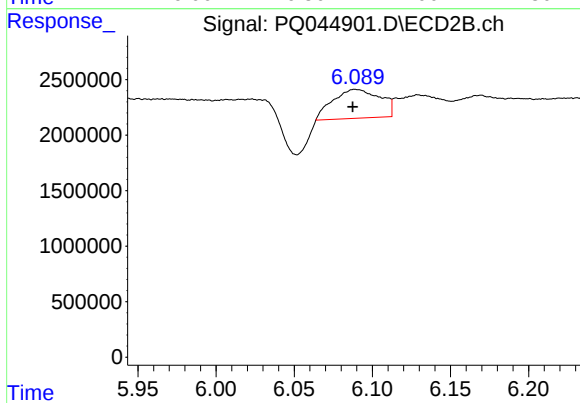
#14 AR-1232-4

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 818871
Conc: 13.62 ng/ml



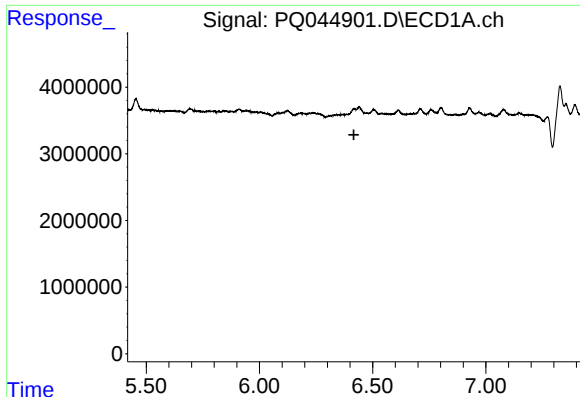
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.711 min
Response: 0
Conc: N.D.



#15 AR-1232-5

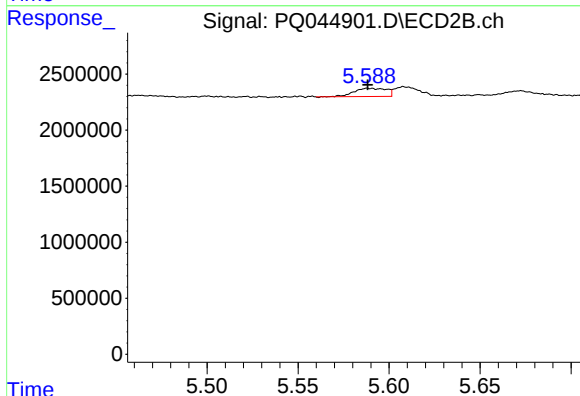
R.T.: 6.089 min
Delta R.T.: 0.001 min
Response: 5491401
Conc: 75.40 ng/ml



#16 AR-1242-1

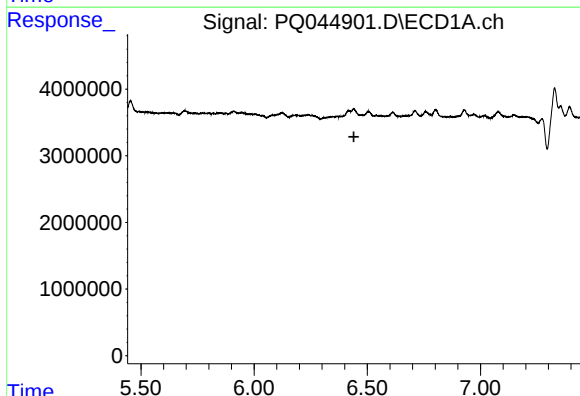
R.T.: 0.000 min
Exp R.T.: 6.417 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268303



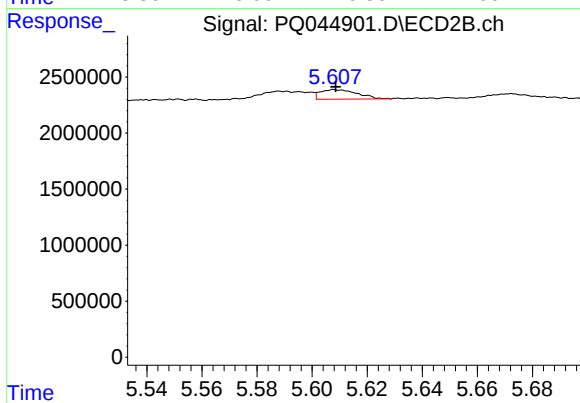
#16 AR-1242-1

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 906056
Conc: 5.78 ng/ml



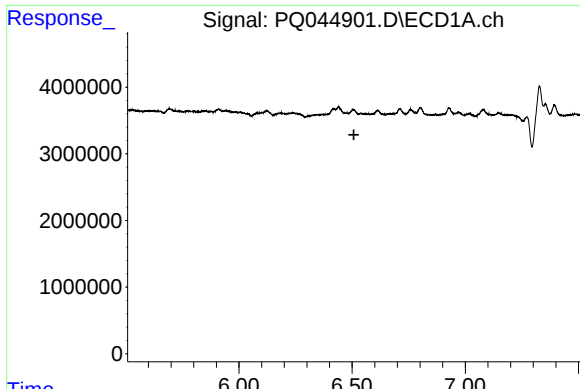
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.441 min
Response: 0
Conc: N.D.



#17 AR-1242-2

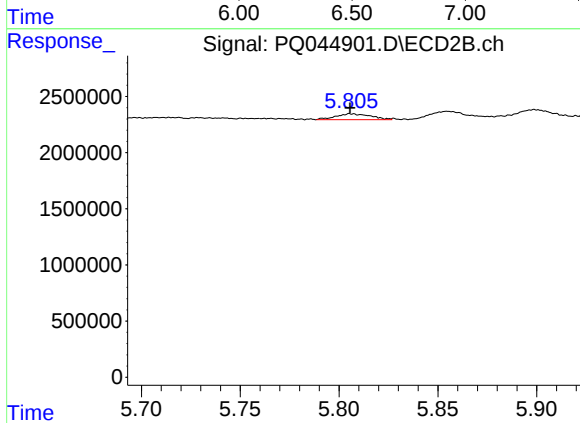
R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 801165
Conc: 3.58 ng/ml



#18 AR-1242-3

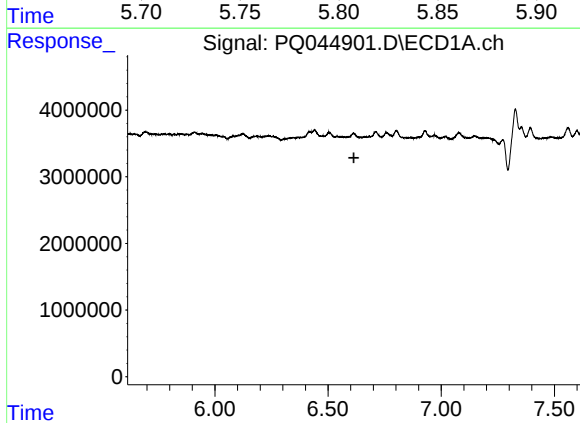
R.T.: 0.000 min
Exp R.T.: 6.508 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
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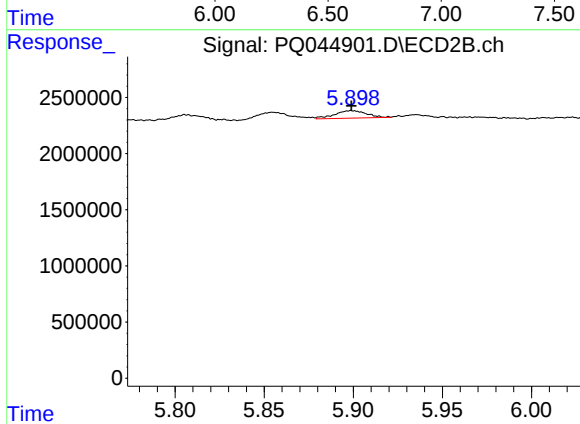
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 637313
Conc: 5.73 ng/ml



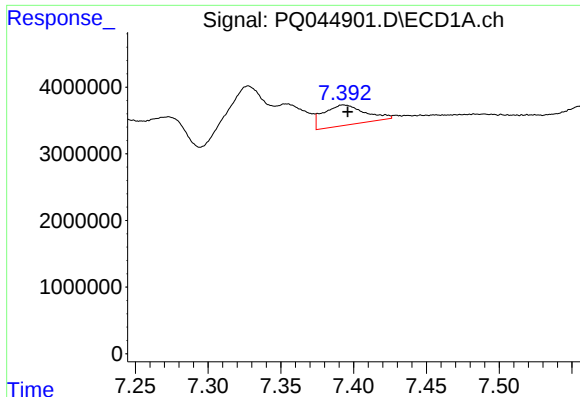
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.



#19 AR-1242-4

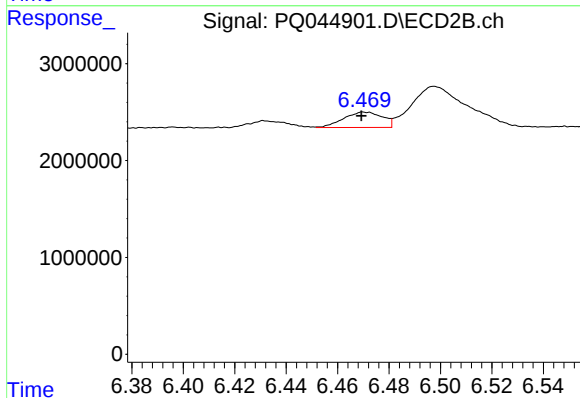
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 818871
Conc: 6.87 ng/ml



#20 AR-1242-5

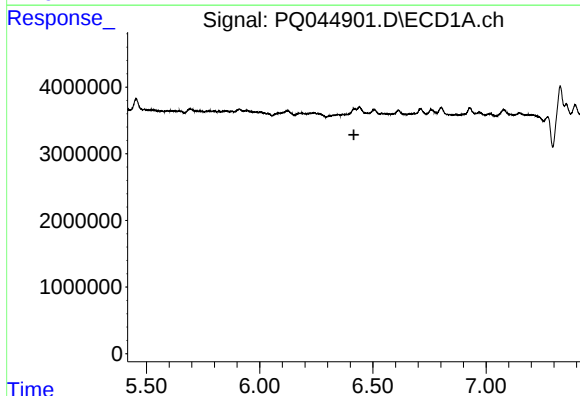
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 6046517
Conc: 33.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



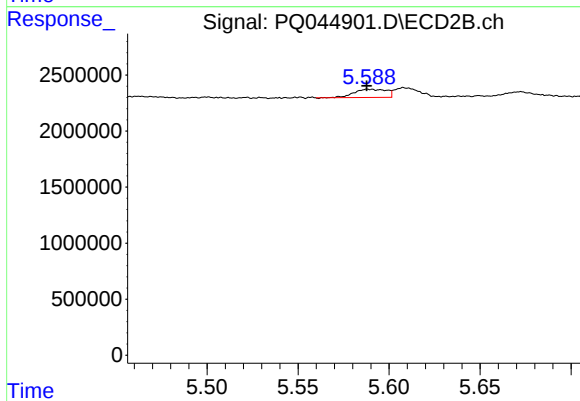
#20 AR-1242-5

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 1662777
Conc: 10.13 ng/ml



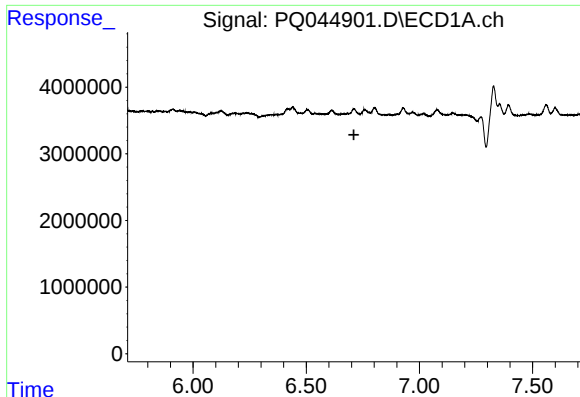
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.416 min
Response: 0
Conc: N.D.



#21 AR-1248-1

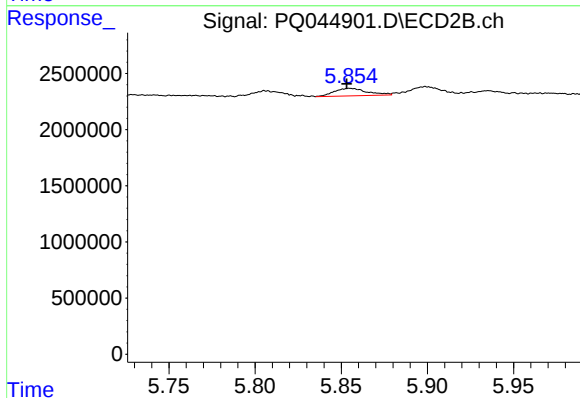
R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 906056
Conc: 7.28 ng/ml



#22 AR-1248-2

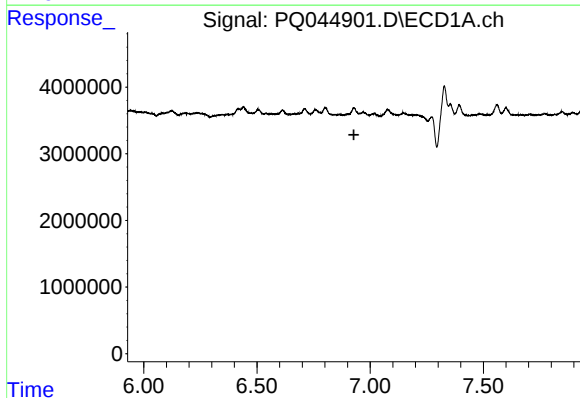
R.T.: 0.000 min
Exp R.T.: 6.711 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268303



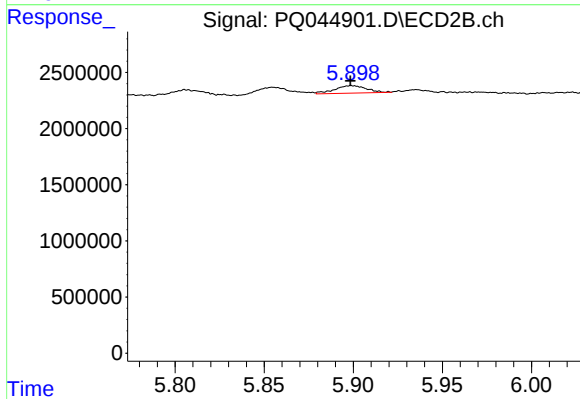
#22 AR-1248-2

R.T.: 5.855 min
Delta R.T.: 0.002 min
Response: 878757
Conc: 5.16 ng/ml



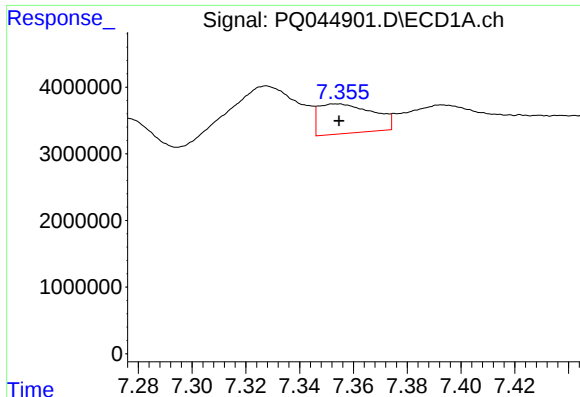
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.928 min
Response: 0
Conc: N.D.



#23 AR-1248-3

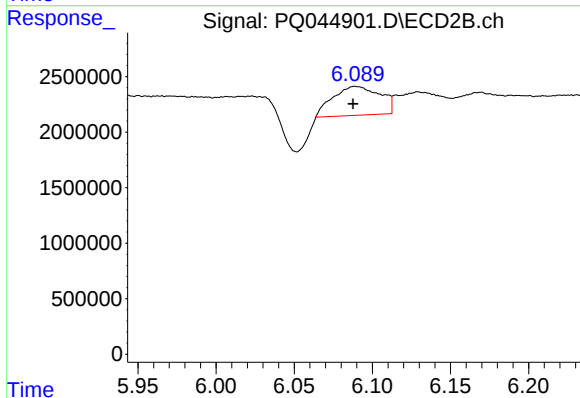
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 818871
Conc: 4.58 ng/ml



#24 AR-1248-4

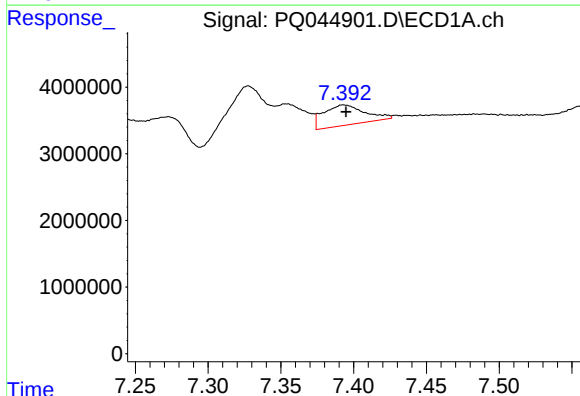
R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 6270690
Conc: 20.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



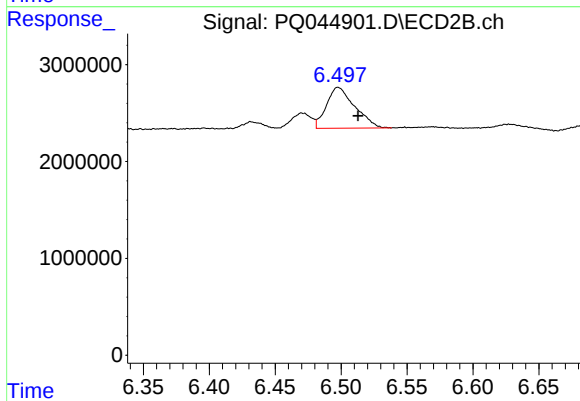
#24 AR-1248-4

R.T.: 6.089 min
Delta R.T.: 0.001 min
Response: 5491401
Conc: 25.23 ng/ml



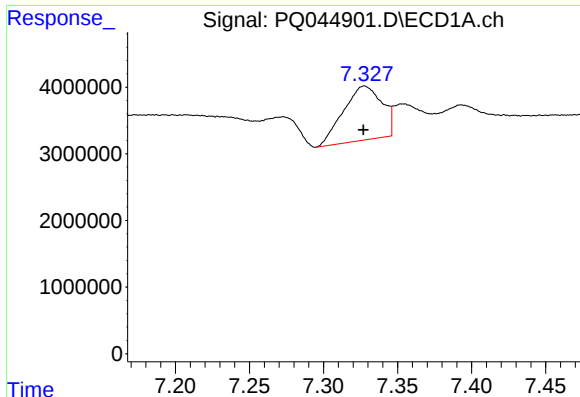
#25 AR-1248-5

R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 6046517
Conc: 21.14 ng/ml



#25 AR-1248-5

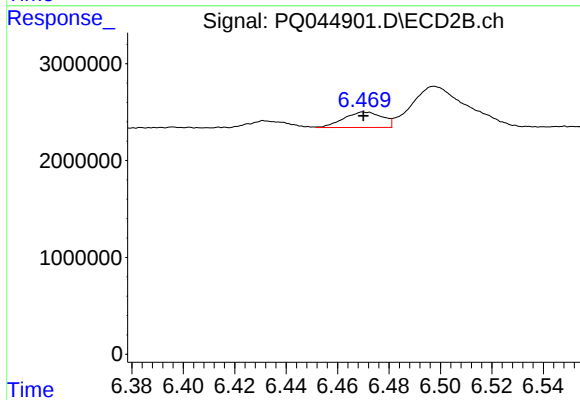
R.T.: 6.498 min
Delta R.T.: -0.015 min
Response: 6306959
Conc: 28.28 ng/ml



#26 AR-1254-1

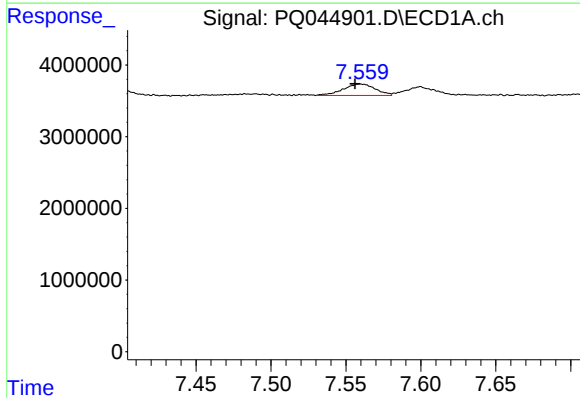
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 14709813
Conc: 45.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



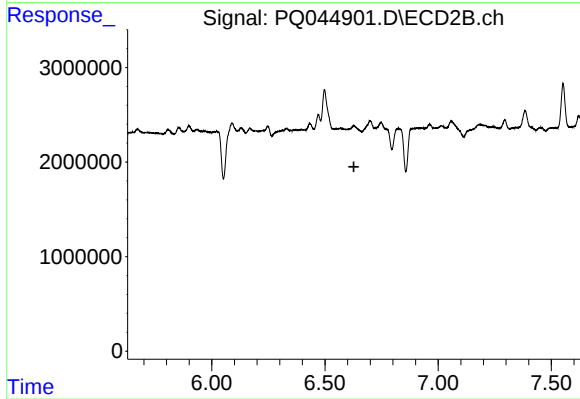
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 1662777
Conc: 4.57 ng/ml



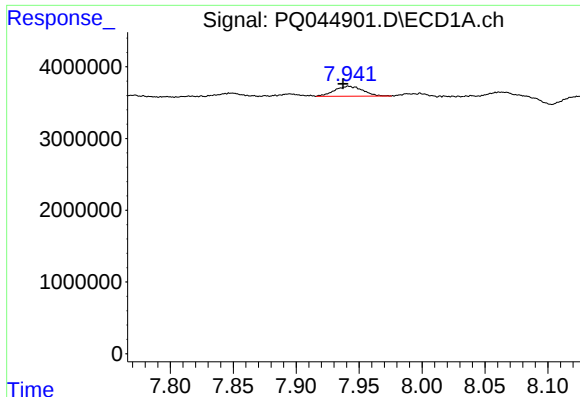
#27 AR-1254-2

R.T.: 7.559 min
Delta R.T.: 0.003 min
Response: 2386306
Conc: 4.81 ng/ml



#27 AR-1254-2

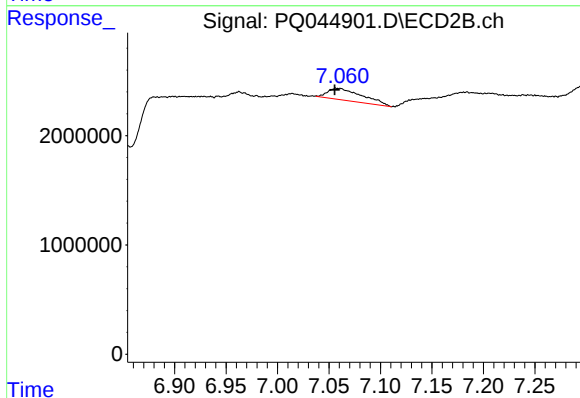
R.T.: 0.000 min
Exp R.T.: 6.628 min
Response: 0
Conc: N.D.



#28 AR-1254-3

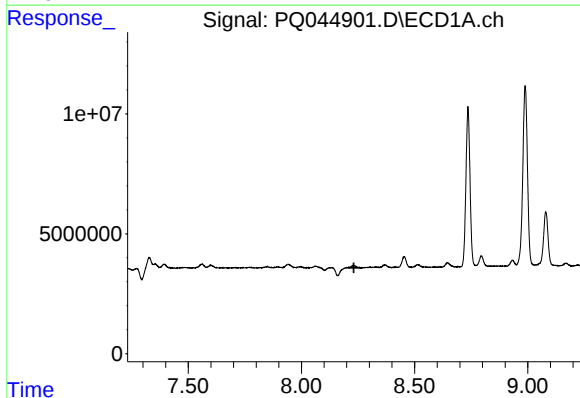
R.T.: 7.941 min
Delta R.T.: 0.004 min
Response: 2184676
Conc: 4.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



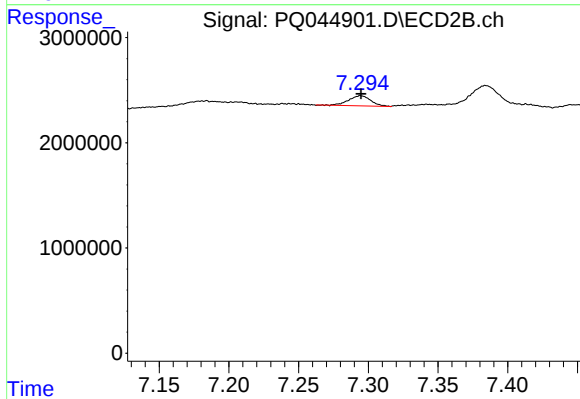
#28 AR-1254-3

R.T.: 7.057 min
Delta R.T.: 0.001 min
Response: 2516255
Conc: 4.54 ng/ml



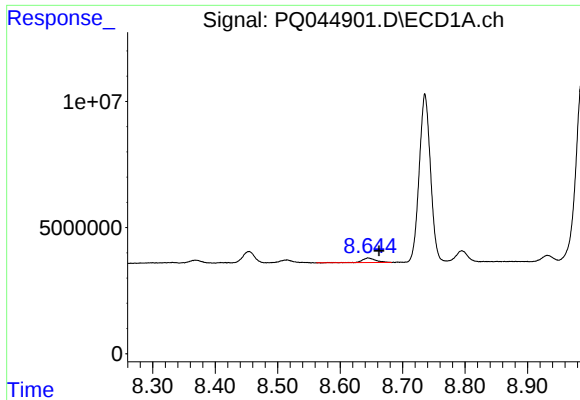
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 8.232 min
Response: 0
Conc: N.D.



#29 AR-1254-4

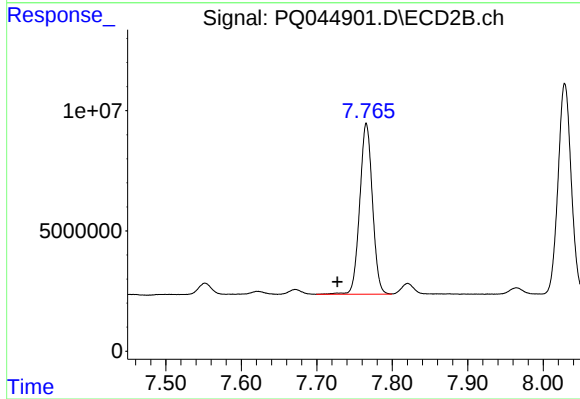
R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 1078580
Conc: 3.02 ng/ml



#30 AR-1254-5

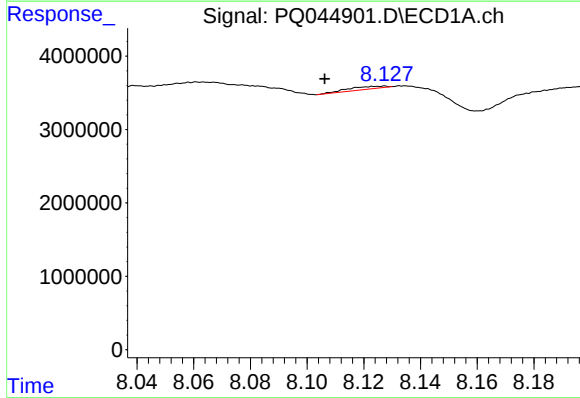
R.T.: 8.644 min
Delta R.T.: -0.018 min
Response: 2816682
Conc: 6.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



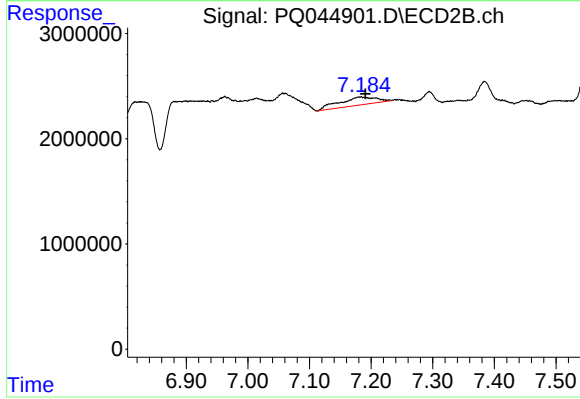
#30 AR-1254-5

R.T.: 7.766 min
Delta R.T.: 0.038 min
Response: 83167175
Conc: 166.33 ng/ml



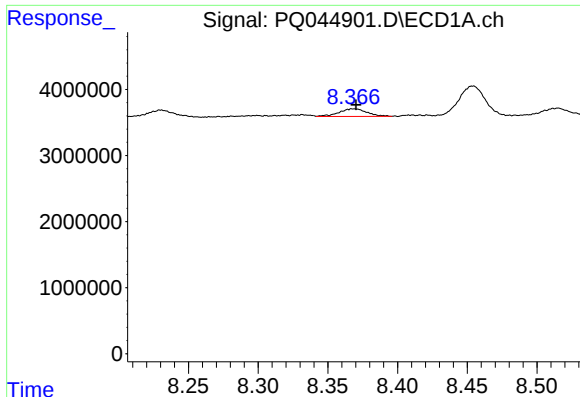
#31 AR-1260-1

R.T.: 8.128 min
Delta R.T.: 0.021 min
Response: 336307
Conc: 1.08 ng/ml



#31 AR-1260-1

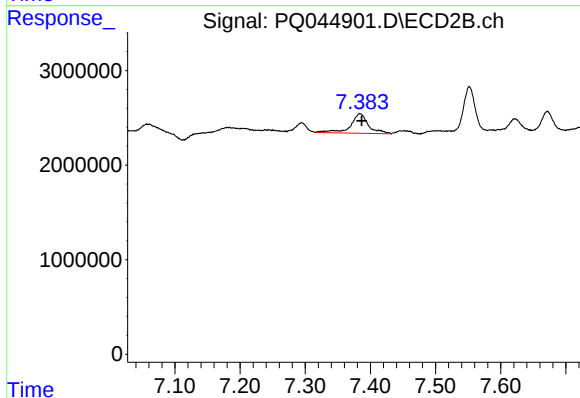
R.T.: 7.184 min
Delta R.T.: -0.007 min
Response: 3150861
Conc: 10.28 ng/ml



#32 AR-1260-2

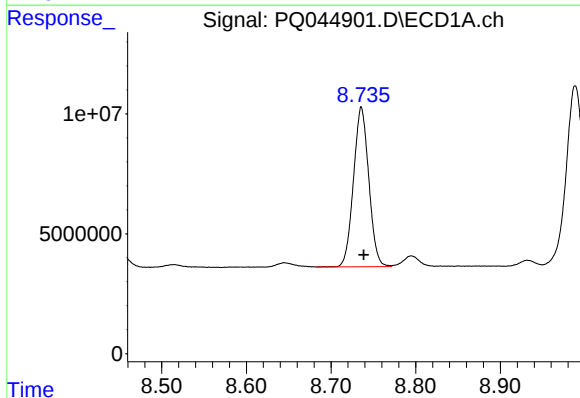
R.T.: 8.369 min
Delta R.T.: -0.001 min
Response: 1617686
Conc: 3.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



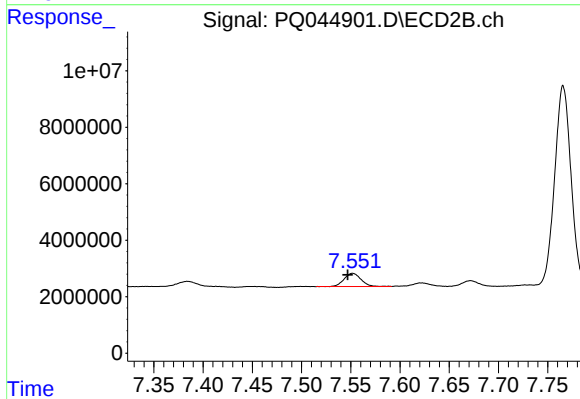
#32 AR-1260-2

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 3890415
Conc: 9.85 ng/ml



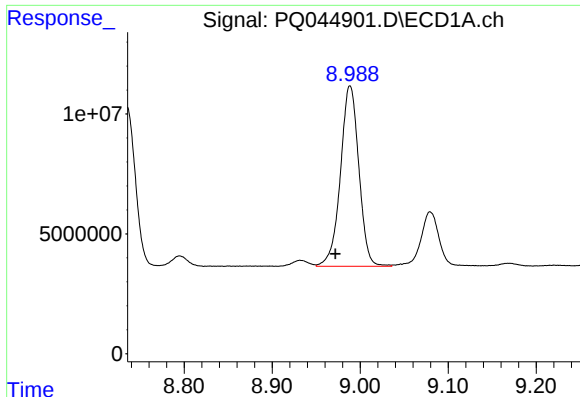
#33 AR-1260-3

R.T.: 8.736 min
Delta R.T.: -0.003 min
Response: 83632465
Conc: 256.16 ng/ml



#33 AR-1260-3

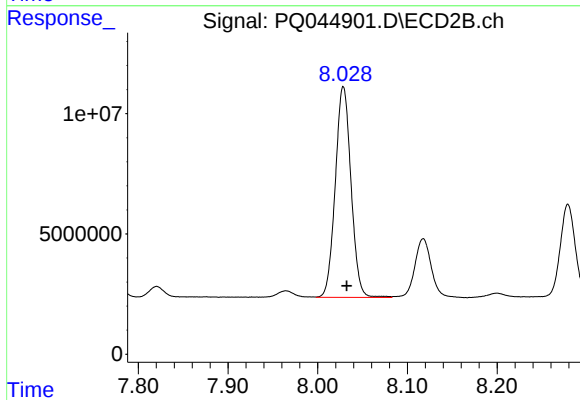
R.T.: 7.552 min
Delta R.T.: 0.005 min
Response: 5626206
Conc: 16.42 ng/ml



#34 AR-1260-4

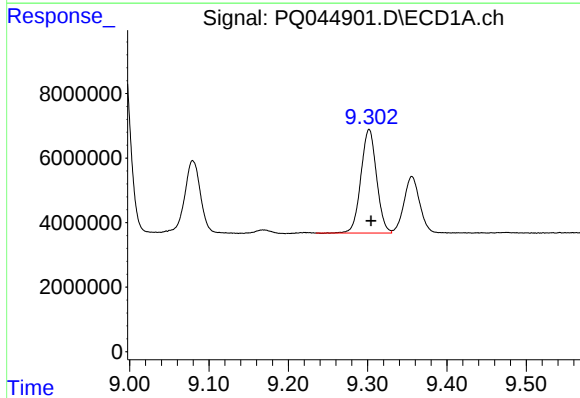
R.T.: 8.988 min
Delta R.T.: 0.017 min
Response: 109395074
Conc: 287.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



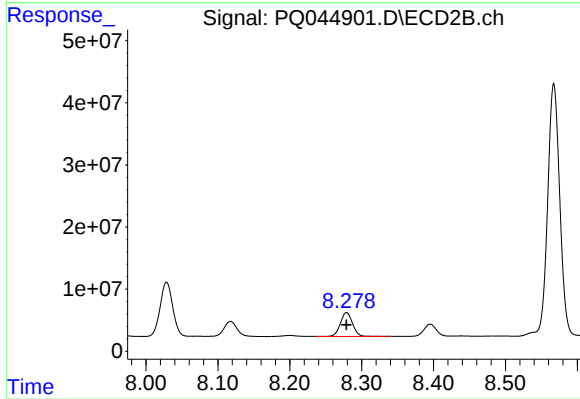
#34 AR-1260-4

R.T.: 8.029 min
Delta R.T.: -0.004 min
Response: 106785651
Conc: 348.23 ng/ml



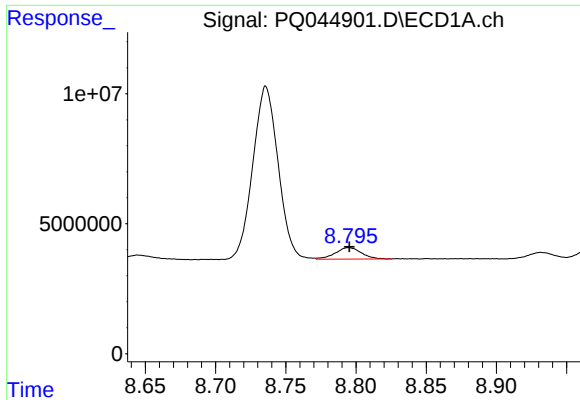
#35 AR-1260-5

R.T.: 9.302 min
Delta R.T.: -0.002 min
Response: 44002263
Conc: 57.16 ng/ml



#35 AR-1260-5

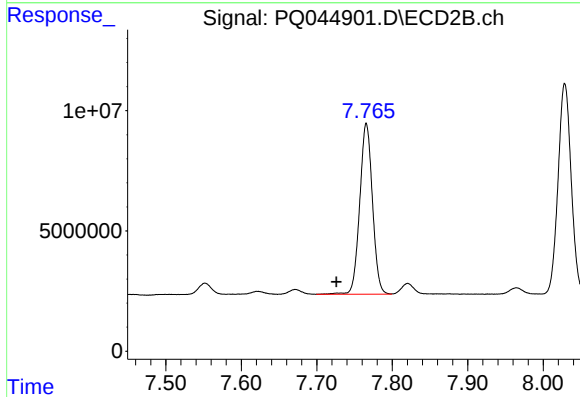
R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 45372782
Conc: 57.97 ng/ml



#36 AR-1262-1

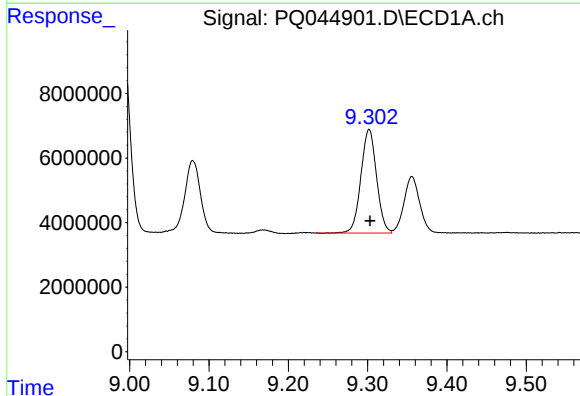
R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 5690665
Conc: 27.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



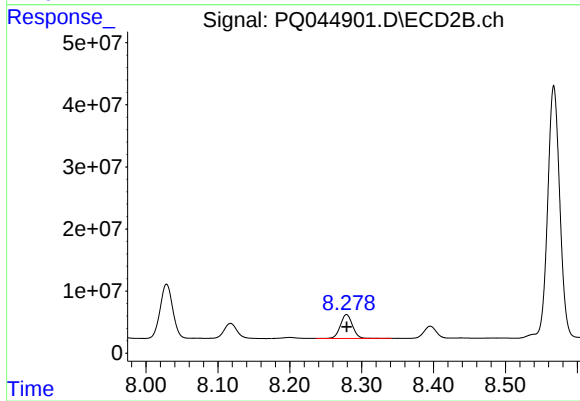
#36 AR-1262-1

R.T.: 7.766 min
Delta R.T.: 0.040 min
Response: 83167175
Conc: 328.60 ng/ml



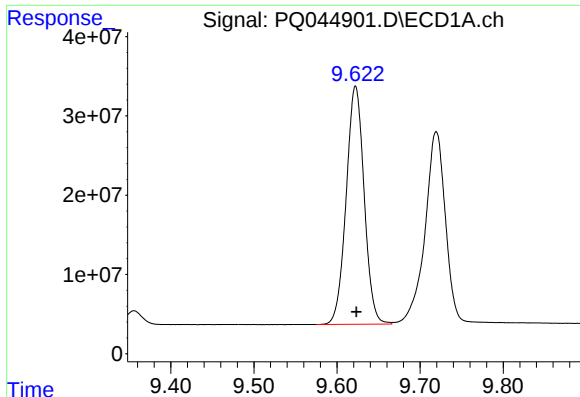
#37 AR-1262-2

R.T.: 9.302 min
Delta R.T.: -0.001 min
Response: 44002263
Conc: 48.72 ng/ml



#37 AR-1262-2

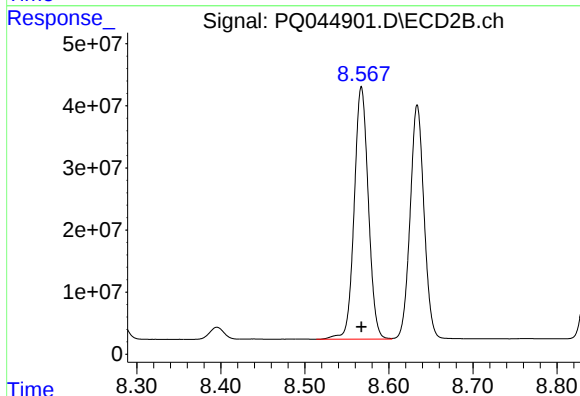
R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 45372782
Conc: 45.98 ng/ml



#38 AR-1262-3

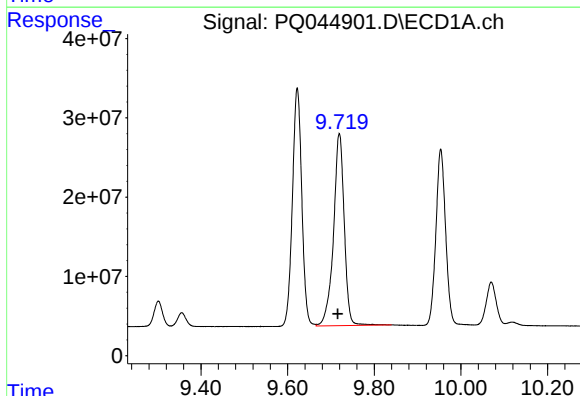
R.T.: 9.622 min
Delta R.T.: -0.001 min
Response: 451286157
Conc: 739.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



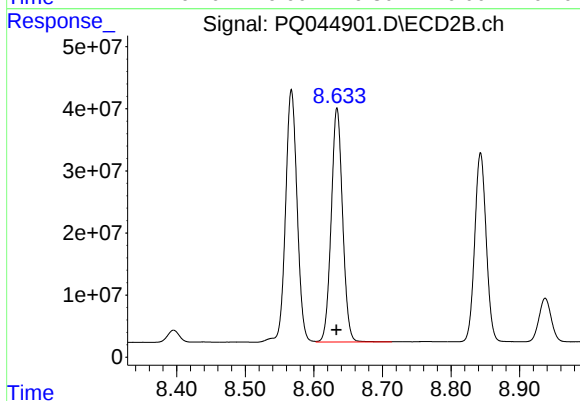
#38 AR-1262-3

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 475733573
Conc: 1234.67 ng/ml



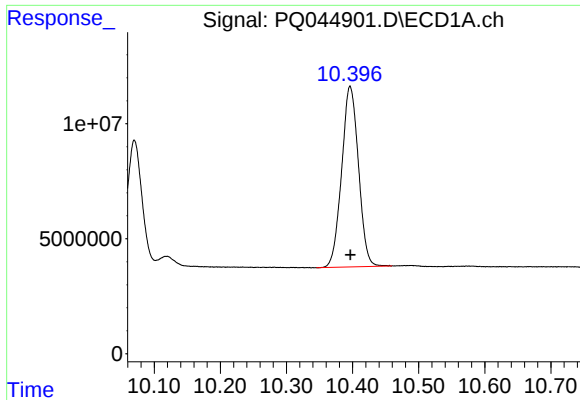
#39 AR-1262-4

R.T.: 9.719 min
Delta R.T.: 0.004 min
Response: 416560476
Conc: 916.88 ng/ml



#39 AR-1262-4

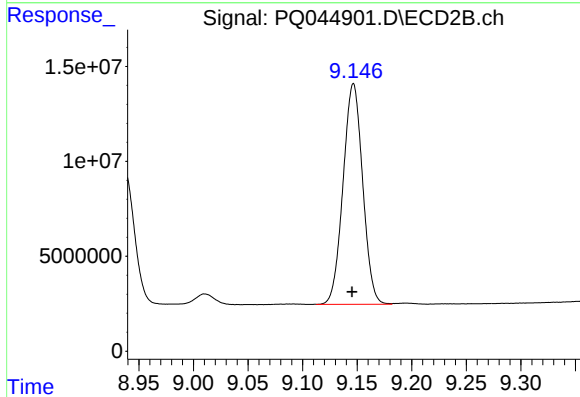
R.T.: 8.634 min
Delta R.T.: 0.000 min
Response: 434809124
Conc: 590.21 ng/ml



#40 AR-1262-5

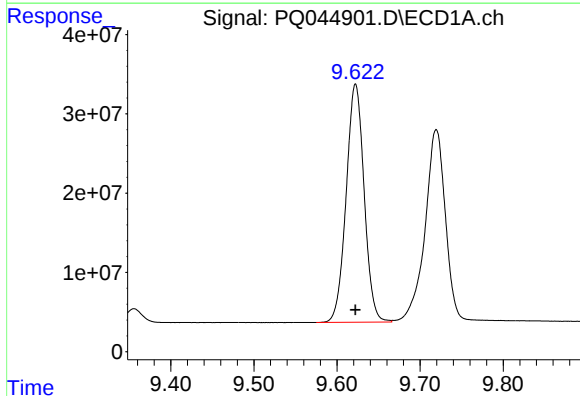
R.T.: 10.396 min
Delta R.T.: 0.000 min
Response: 138774517
Conc: 453.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



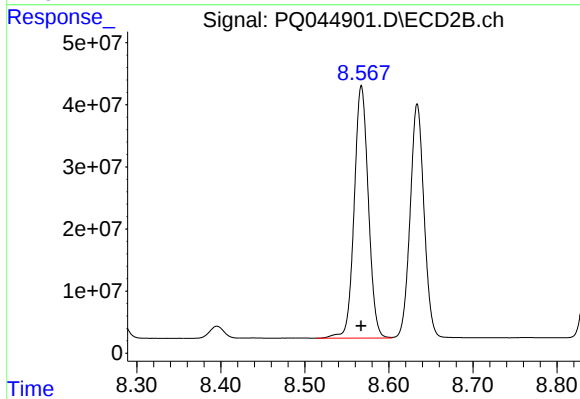
#40 AR-1262-5

R.T.: 9.147 min
Delta R.T.: 0.001 min
Response: 145291647
Conc: 417.31 ng/ml



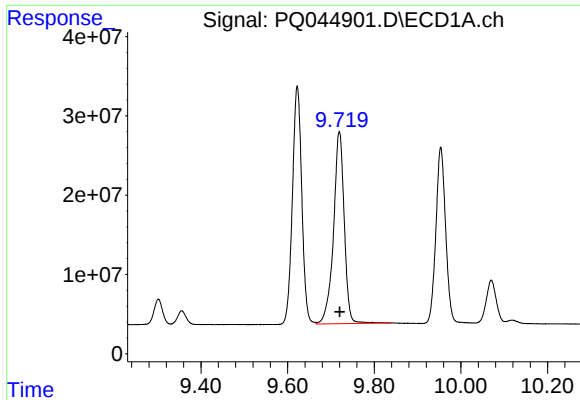
#41 AR-1268-1

R.T.: 9.622 min
Delta R.T.: 0.000 min
Response: 451286157
Conc: 404.12 ng/ml



#41 AR-1268-1

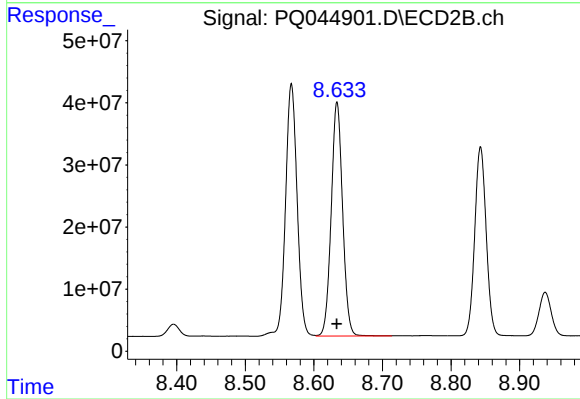
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 475733573
Conc: 395.63 ng/ml



#42 AR-1268-2

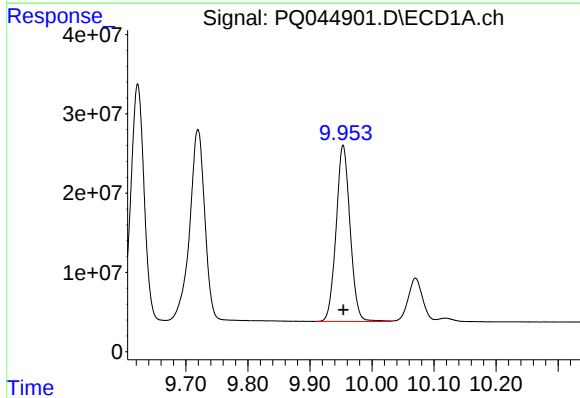
R.T.: 9.719 min
Delta R.T.: -0.001 min
Response: 416560476
Conc: 409.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



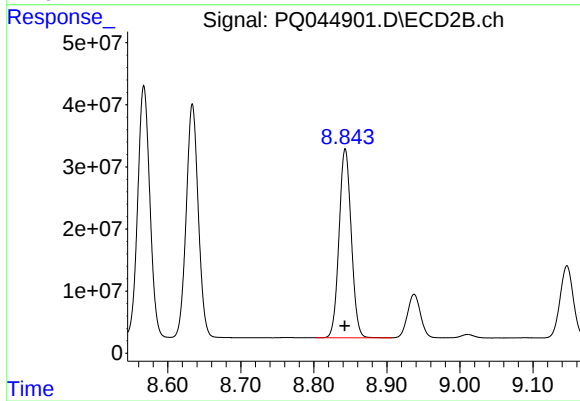
#42 AR-1268-2

R.T.: 8.634 min
Delta R.T.: 0.000 min
Response: 434809124
Conc: 390.46 ng/ml



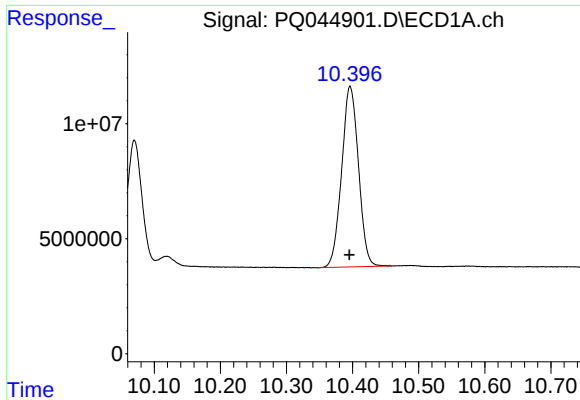
#43 AR-1268-3

R.T.: 9.953 min
Delta R.T.: 0.000 min
Response: 348033126
Conc: 398.07 ng/ml



#43 AR-1268-3

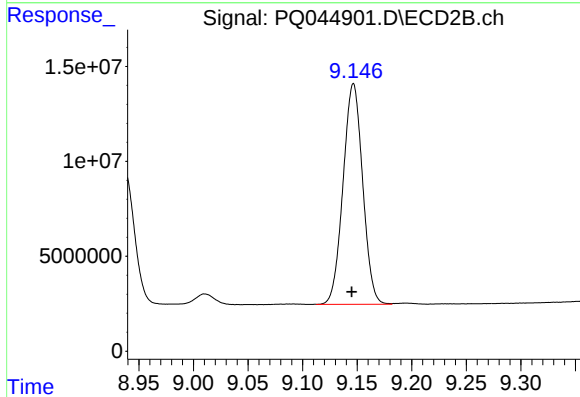
R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 353331829
Conc: 379.83 ng/ml



#44 AR-1268-4

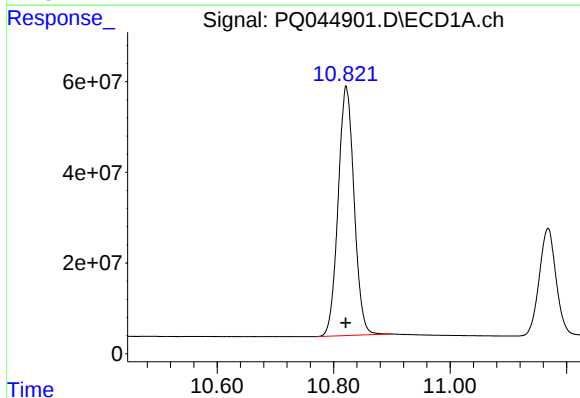
R.T.: 10.396 min
Delta R.T.: 0.000 min
Response: 138774517
Conc: 399.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268303



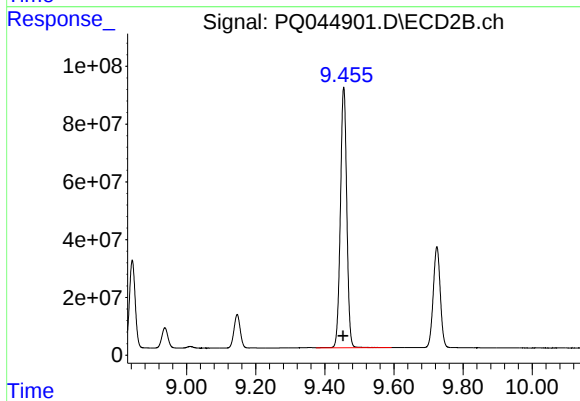
#44 AR-1268-4

R.T.: 9.147 min
Delta R.T.: 0.001 min
Response: 145291647
Conc: 360.74 ng/ml



#45 AR-1268-5

R.T.: 10.821 min
Delta R.T.: 0.000 min
Response: 1046052190
Conc: 400.98 ng/ml



#45 AR-1268-5

R.T.: 9.455 min
Delta R.T.: 0.002 min
Response: 1156502741
Conc: 382.68 ng/ml