

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 00:01
 Operator : SM\AJ
 Sample : K4022-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 00:29:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.706	4.762	42052539	33870988	10.985	11.267
2)	SA Decachlor...	12.109	10.521	251.4E6	130.4E6	24.305	28.622
Target Compounds							
3)	L1 AR-1016-1	7.143	6.211	154.1E6	117.3E6	883.141	801.375
4)	L1 AR-1016-2	7.143	6.275	154.1E6	3385846	584.467	16.267 #
5)	L1 AR-1016-3	0.000	6.443	0	6782293	N.D.	60.070 #
6)	L1 AR-1016-4	7.406	6.513	4624557	21474106	34.315	235.551 #
7)	L1 AR-1016-5	7.669	6.766	296.6E6	77215167	2228.672	642.493 #
10)	L2 AR-1221-3	0.000	5.361	0	5195760	N.D.	49.042 #
11)	L3 AR-1232-1	0.000	5.361	0	5195760	N.D.	68.489 #
12)	L3 AR-1232-2	0.000	6.275	0	3385846	N.D.	36.243 #
13)	L3 AR-1232-3	7.143	6.443	154.1E6	6782293	1361.858	140.907 #
14)	L3 AR-1232-4	7.406	6.599	4624557	11098170	78.239	257.411 #
15)	L3 AR-1232-5	7.459	6.766	10552059	77215167	285.926	1596.292 #
16)	L4 AR-1242-1	7.143	6.211	154.1E6	117.3E6	1230.542	1110.983
17)	L4 AR-1242-2	7.143	6.275	154.1E6	3385846	809.397	21.835 #
18)	L4 AR-1242-3	0.000	6.443	0	6782293	N.D.	81.271 #
19)	L4 AR-1242-4	7.406	6.599	4624557	11098170	47.181	136.258 #
20)	L4 AR-1242-5	8.207	7.160	56511996	162.6E6	426.259	1302.634 #
21)	L5 AR-1248-1	7.143	6.211	154.1E6	117.3E6	1661.700	1459.837
22)	L5 AR-1248-2	7.459	6.513	10552059	21474106	85.749	191.707 #
23)	L5 AR-1248-3	7.669	6.599	296.6E6	11098170	1888.548	96.148 #
24)	L5 AR-1248-4	8.147	6.766	544.7E6	77215167	2521.658	533.416 #
25)	L5 AR-1248-5	8.207	7.218	56511996	32309247	265.365	191.995 #
26)	L6 AR-1254-1	8.090	7.160	21074312	162.6E6	103.967	639.418 #
27)	L6 AR-1254-2	8.358	7.329	95891210	18469444	277.629	80.727 #
28)	L6 AR-1254-3	8.751	7.784	50233081	7474519	121.223	18.415 #
29)	L6 AR-1254-4	9.043	8.050	14939603	13845928	41.278	50.682
30)	L6 AR-1254-5	9.504	8.476	49786836	38372722	123.993	96.106
31)	L7 AR-1260-1	8.924	7.936	10769583	7369691	35.648	27.710
32)	L7 AR-1260-2	9.181	8.123	126.7E6	3999422	276.492	11.022 #
33)	L7 AR-1260-3	9.543	8.294	11347528	4276619	26.726	13.619 #
34)	L7 AR-1260-4	9.824	8.803	4709375	11538066	11.188	40.530 #
35)	L7 AR-1260-5	10.148	9.039	28935030	3971850	27.078	5.341 #
36)	L8 AR-1262-1	9.694	8.592	16761331	10039740	68.270	52.198
37)	L8 AR-1262-2	10.148	9.039	28935030	3971850	23.826	4.728 #
38)	L8 AR-1262-3	10.497	9.334	8801785	1179964	10.561	3.355 #
39)	L8 AR-1262-4	0.000	9.395	0	6117317	N.D.	10.409 #
40)	L8 AR-1262-5	0.000	9.925	0	12053777	N.D.	50.234 #
41)	L9 AR-1268-1	10.497	9.334	8801785	1179964	4.877	1.033 #
42)	L9 AR-1268-2	0.000	9.395	0	6117317	N.D.	6.295 #
43)	L9 AR-1268-3	0.000	9.615	0	2483079	N.D.	3.111 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 00:01
 Operator : SM\AJ
 Sample : K4022-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

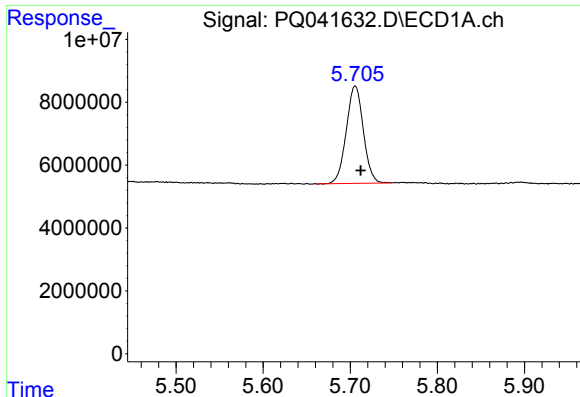
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 00:29:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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
44) L9	AR-1268-4	0.000	9.925	0	12053777	N.D.	39.279 #
45) L9	AR-1268-5	11.744	0.000	16381035	0	3.781	N.D. #

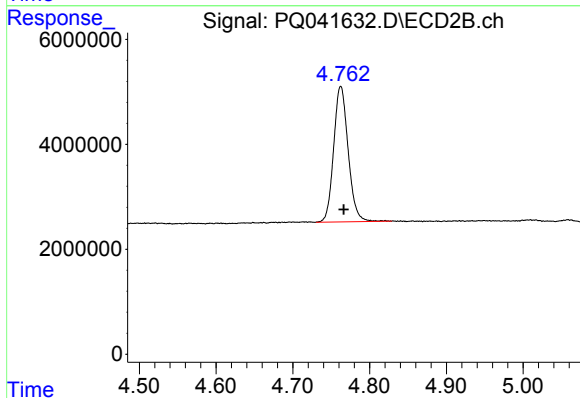
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

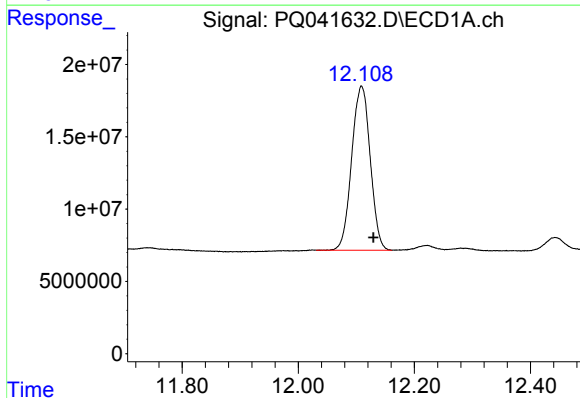
R.T.: 5.706 min
Delta R.T.: -0.006 min
Response: 42052539
Conc: 10.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



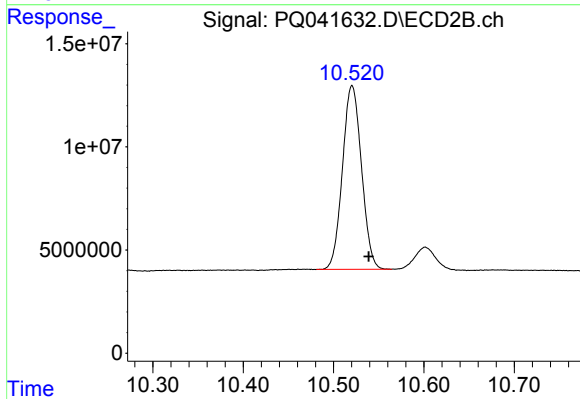
#1 Tetrachloro-m-xylene

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 33870988
Conc: 11.27 ng/ml



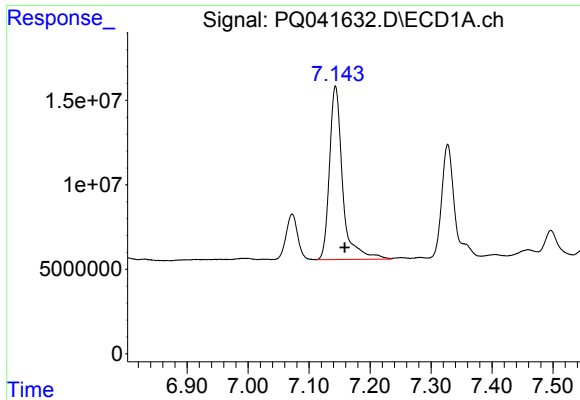
#2 Decachlorobiphenyl

R.T.: 12.109 min
Delta R.T.: -0.020 min
Response: 251401674
Conc: 24.30 ng/ml



#2 Decachlorobiphenyl

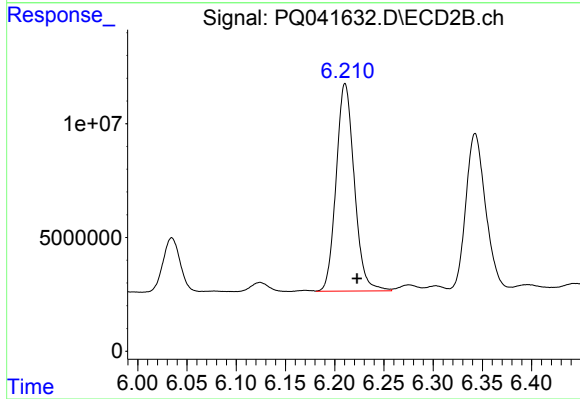
R.T.: 10.521 min
Delta R.T.: -0.018 min
Response: 130423020
Conc: 28.62 ng/ml



#3 AR-1016-1

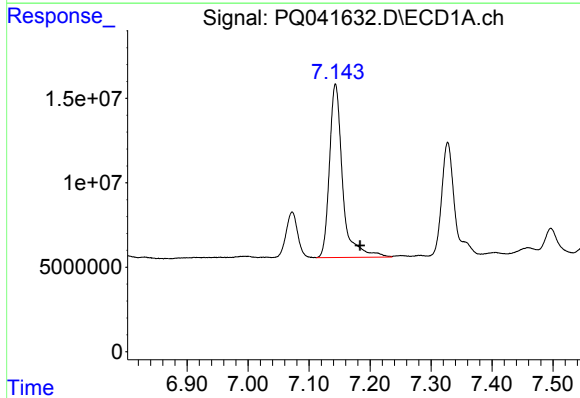
R.T.: 7.143 min
Delta R.T.: -0.015 min
Response: 154136538
Conc: 883.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



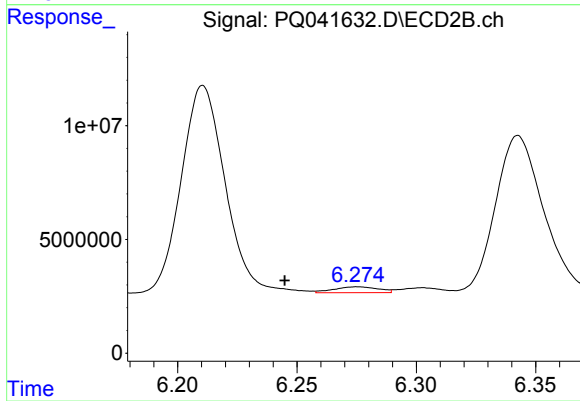
#3 AR-1016-1

R.T.: 6.211 min
Delta R.T.: -0.012 min
Response: 117251374
Conc: 801.37 ng/ml



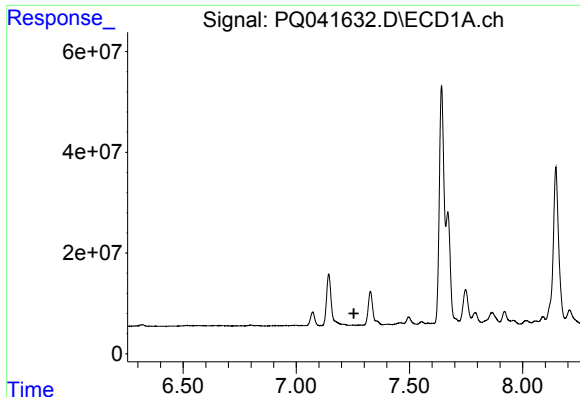
#4 AR-1016-2

R.T.: 7.143 min
Delta R.T.: -0.040 min
Response: 154136538
Conc: 584.47 ng/ml



#4 AR-1016-2

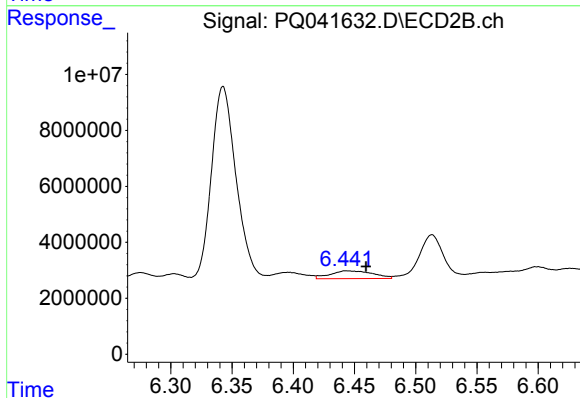
R.T.: 6.275 min
Delta R.T.: 0.031 min
Response: 3385846
Conc: 16.27 ng/ml



#5 AR-1016-3

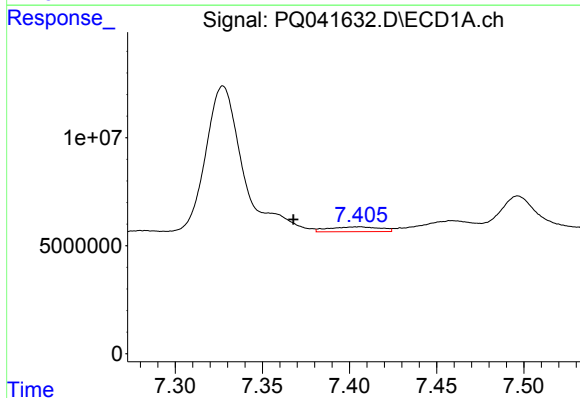
R.T.: 0.000 min
Exp R.T.: 7.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



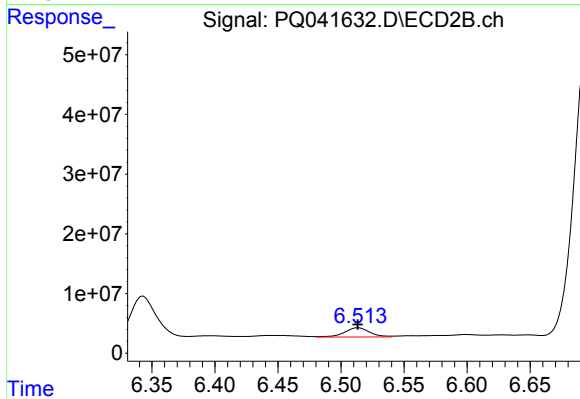
#5 AR-1016-3

R.T.: 6.443 min
Delta R.T.: -0.016 min
Response: 6782293
Conc: 60.07 ng/ml



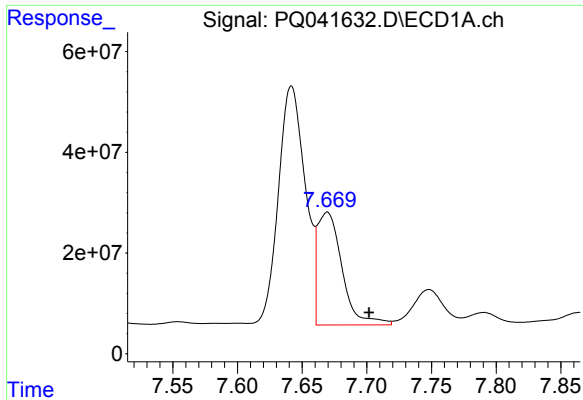
#6 AR-1016-4

R.T.: 7.406 min
Delta R.T.: 0.038 min
Response: 4624557
Conc: 34.31 ng/ml



#6 AR-1016-4

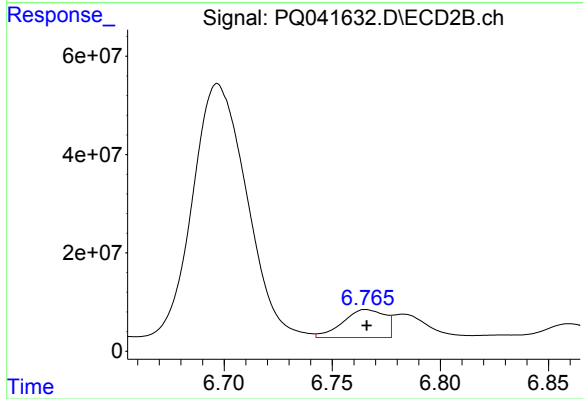
R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 21474106
Conc: 235.55 ng/ml



#7 AR-1016-5

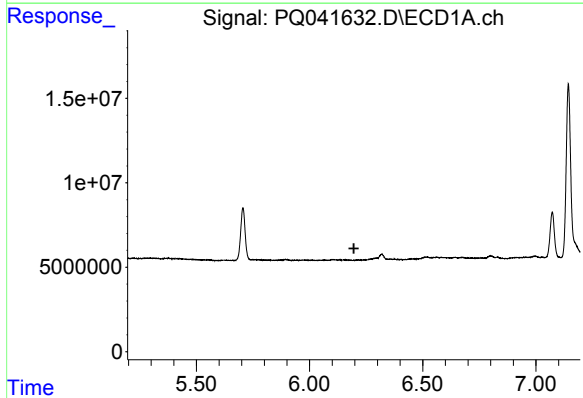
R.T.: 7.669 min
Delta R.T.: -0.032 min
Response: 296569170
Conc: 2228.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



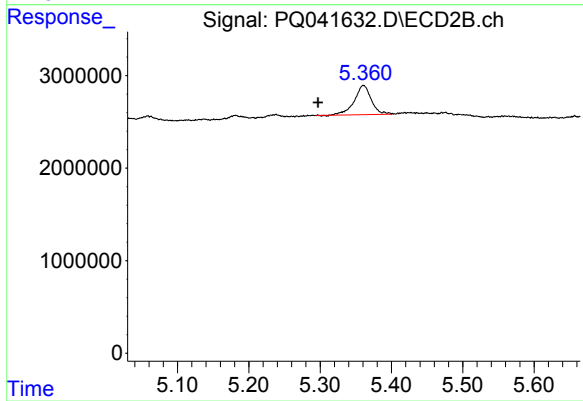
#7 AR-1016-5

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 77215167
Conc: 642.49 ng/ml



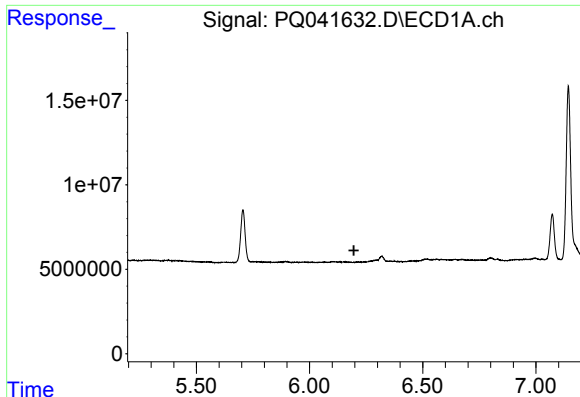
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

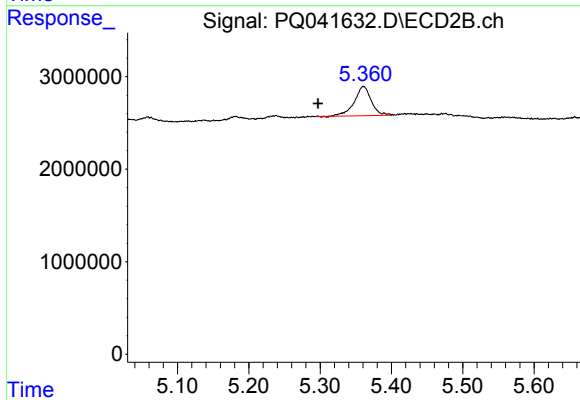
R.T.: 5.361 min
Delta R.T.: 0.063 min
Response: 5195760
Conc: 49.04 ng/ml



#11 AR-1232-1

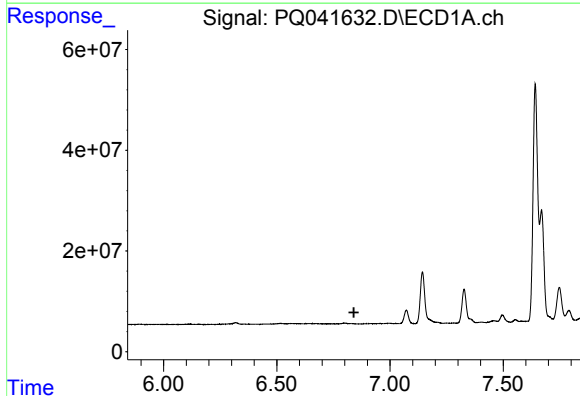
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



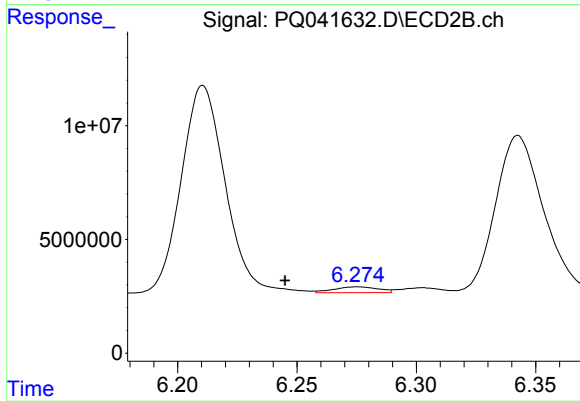
#11 AR-1232-1

R.T.: 5.361 min
Delta R.T.: 0.064 min
Response: 5195760
Conc: 68.49 ng/ml



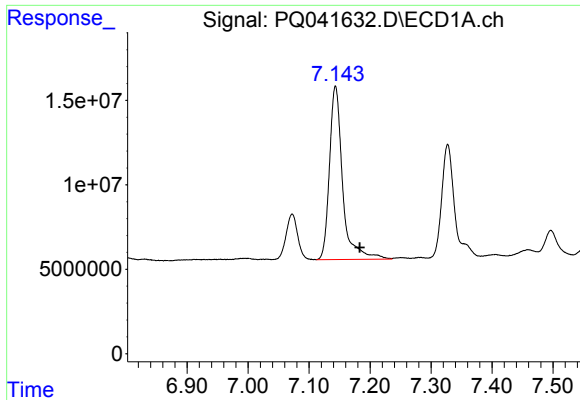
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.841 min
Response: 0
Conc: N.D.



#12 AR-1232-2

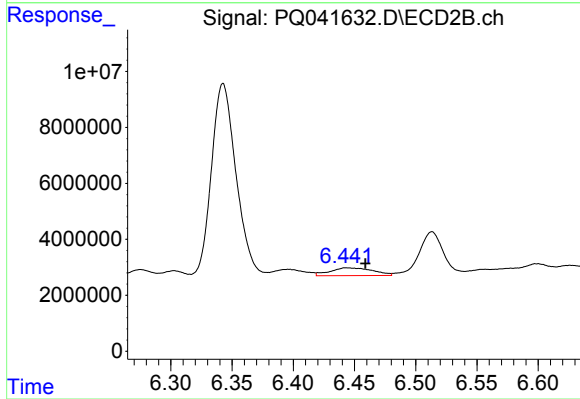
R.T.: 6.275 min
Delta R.T.: 0.030 min
Response: 3385846
Conc: 36.24 ng/ml



#13 AR-1232-3

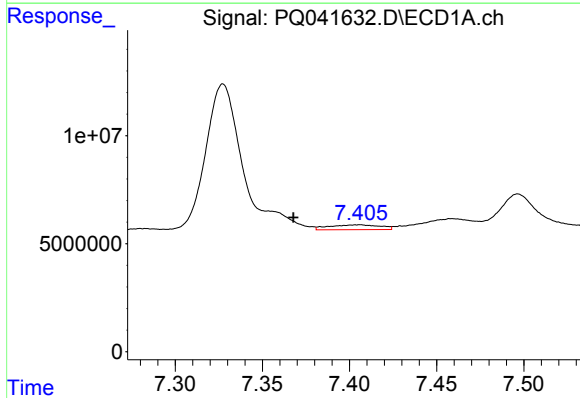
R.T.: 7.143 min
Delta R.T.: -0.040 min
Response: 154136538
Conc: 1361.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



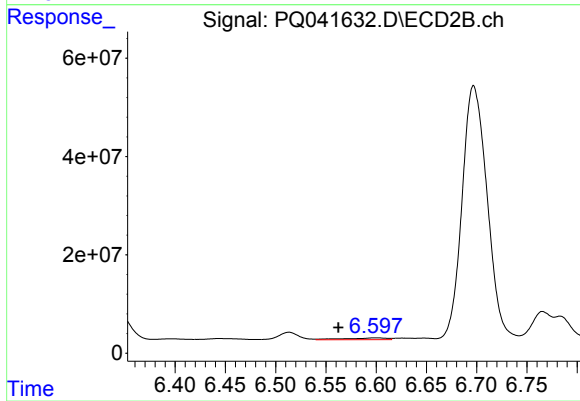
#13 AR-1232-3

R.T.: 6.443 min
Delta R.T.: -0.016 min
Response: 6782293
Conc: 140.91 ng/ml



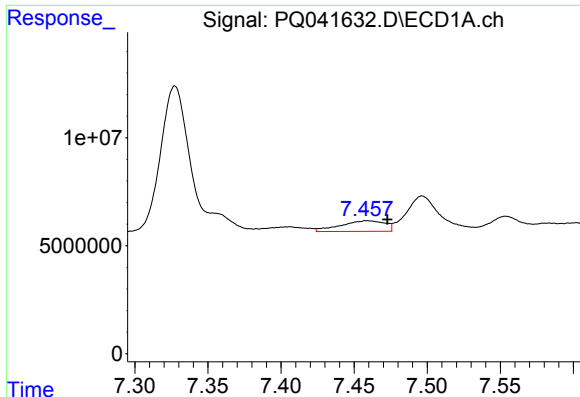
#14 AR-1232-4

R.T.: 7.406 min
Delta R.T.: 0.038 min
Response: 4624557
Conc: 78.24 ng/ml



#14 AR-1232-4

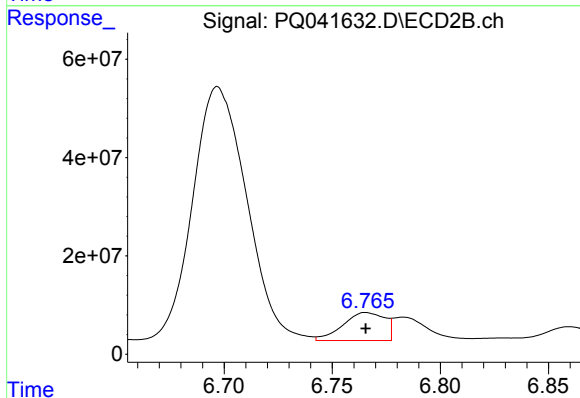
R.T.: 6.599 min
Delta R.T.: 0.037 min
Response: 11098170
Conc: 257.41 ng/ml



#15 AR-1232-5

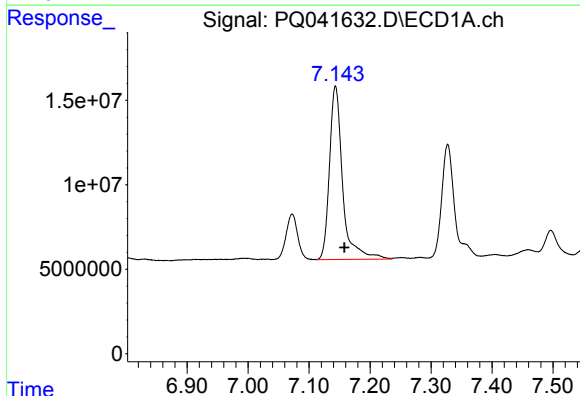
R.T.: 7.459 min
Delta R.T.: -0.014 min
Response: 10552059
Conc: 285.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



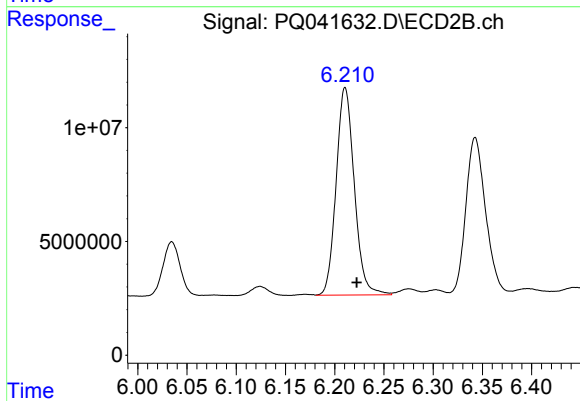
#15 AR-1232-5

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 77215167
Conc: 1596.29 ng/ml



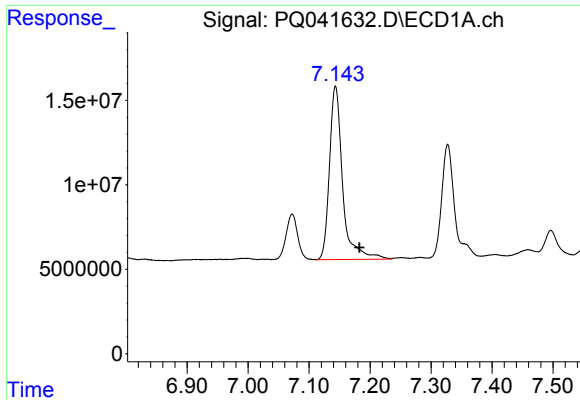
#16 AR-1242-1

R.T.: 7.143 min
Delta R.T.: -0.015 min
Response: 154136538
Conc: 1230.54 ng/ml



#16 AR-1242-1

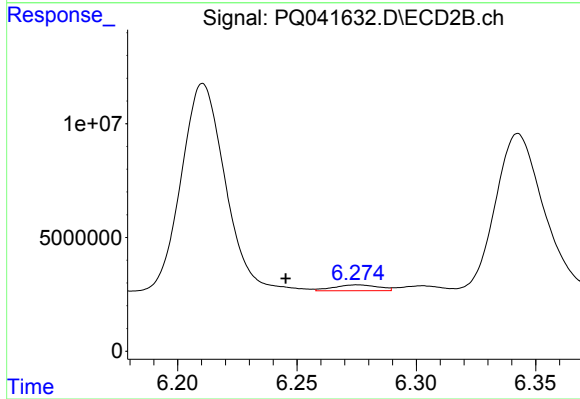
R.T.: 6.211 min
Delta R.T.: -0.012 min
Response: 117251374
Conc: 1110.98 ng/ml



#17 AR-1242-2

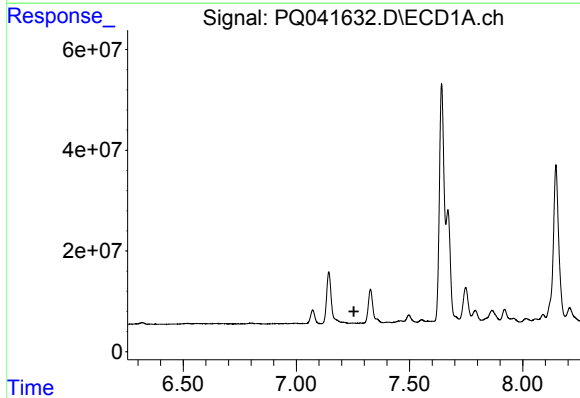
R.T.: 7.143 min
Delta R.T.: -0.039 min
Response: 154136538
Conc: 809.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



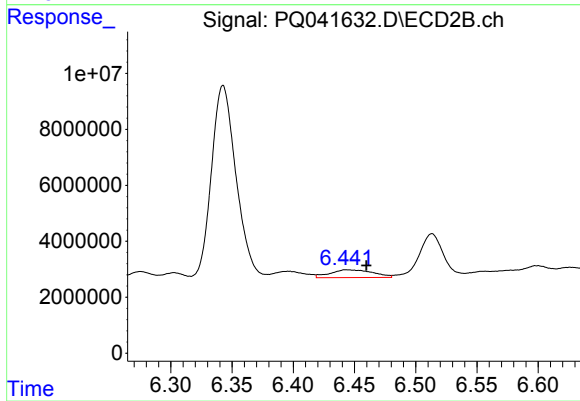
#17 AR-1242-2

R.T.: 6.275 min
Delta R.T.: 0.030 min
Response: 3385846
Conc: 21.83 ng/ml



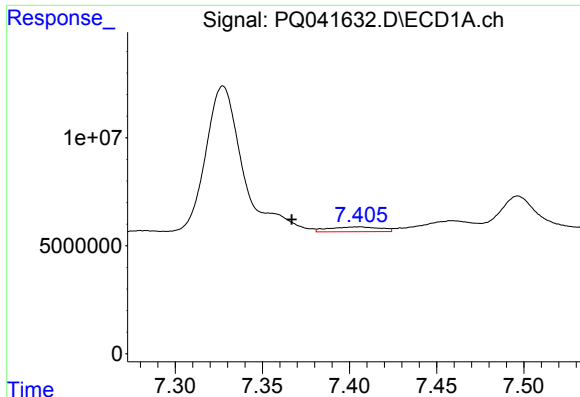
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.254 min
Response: 0
Conc: N.D.



#18 AR-1242-3

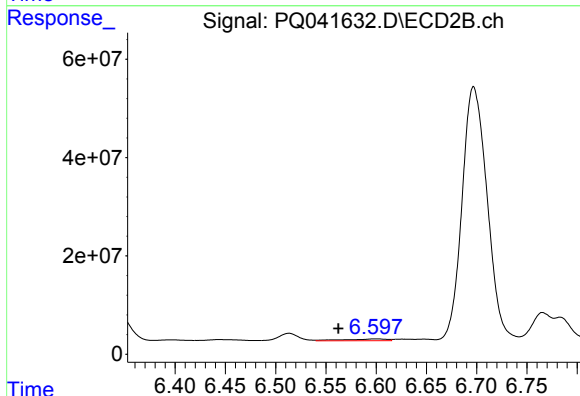
R.T.: 6.443 min
Delta R.T.: -0.016 min
Response: 6782293
Conc: 81.27 ng/ml



#19 AR-1242-4

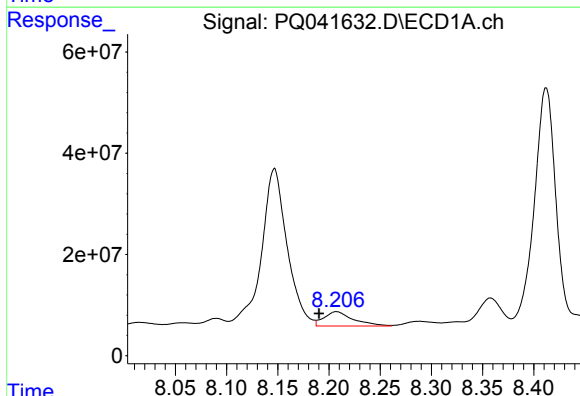
R.T.: 7.406 min
Delta R.T.: 0.039 min
Response: 4624557
Conc: 47.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



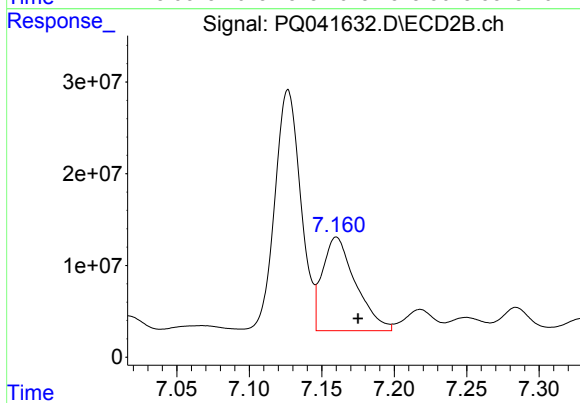
#19 AR-1242-4

R.T.: 6.599 min
Delta R.T.: 0.037 min
Response: 11098170
Conc: 136.26 ng/ml



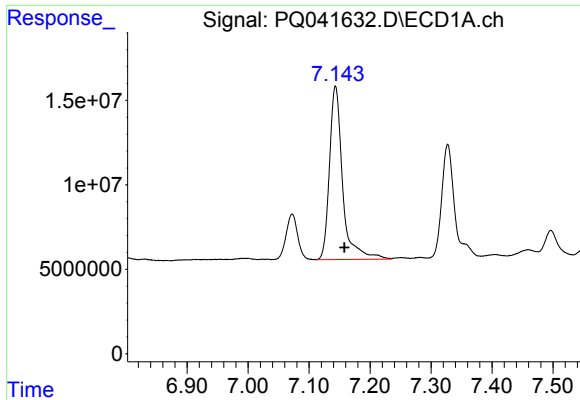
#20 AR-1242-5

R.T.: 8.207 min
Delta R.T.: 0.017 min
Response: 56511996
Conc: 426.26 ng/ml



#20 AR-1242-5

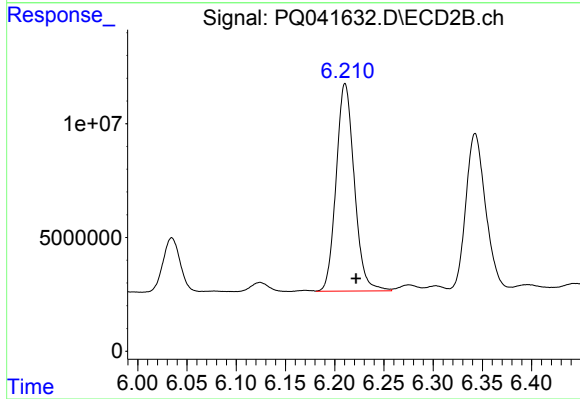
R.T.: 7.160 min
Delta R.T.: -0.015 min
Response: 162607259
Conc: 1302.63 ng/ml



#21 AR-1248-1

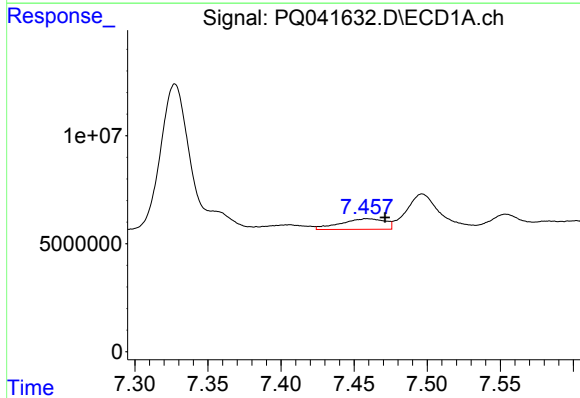
R.T.: 7.143 min
Delta R.T.: -0.014 min
Response: 154136538
Conc: 1661.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



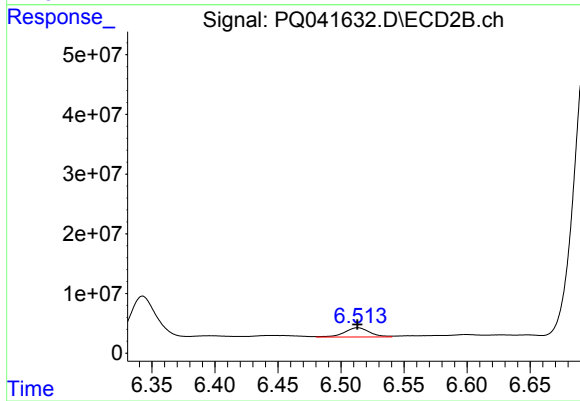
#21 AR-1248-1

R.T.: 6.211 min
Delta R.T.: -0.011 min
Response: 117251374
Conc: 1459.84 ng/ml



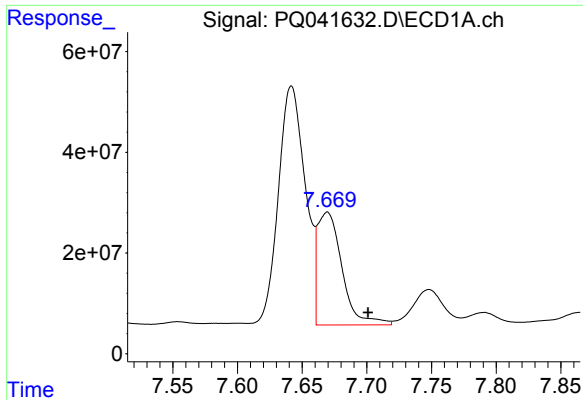
#22 AR-1248-2

R.T.: 7.459 min
Delta R.T.: -0.012 min
Response: 10552059
Conc: 85.75 ng/ml



#22 AR-1248-2

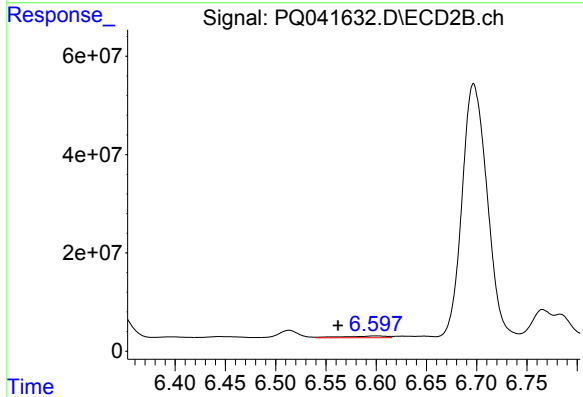
R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 21474106
Conc: 191.71 ng/ml



#23 AR-1248-3

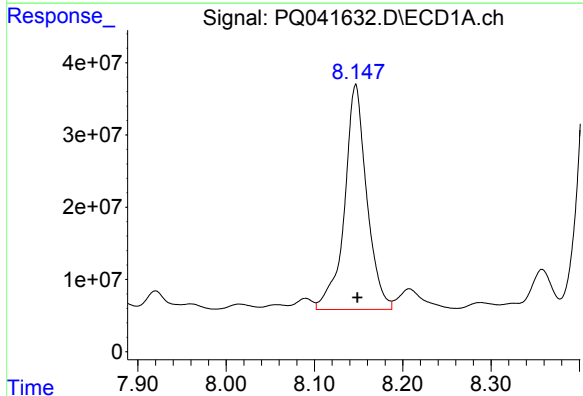
R.T.: 7.669 min
Delta R.T.: -0.031 min
Response: 296569170
Conc: 1888.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



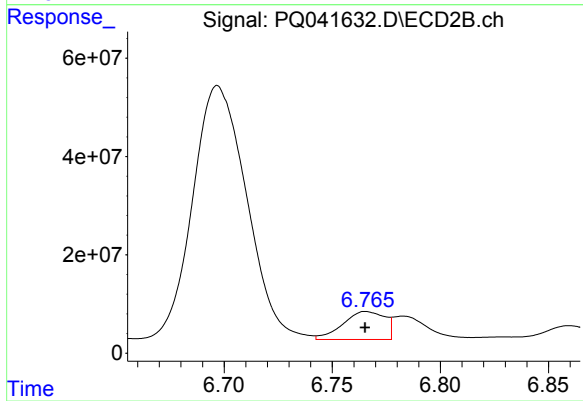
#23 AR-1248-3

R.T.: 6.599 min
Delta R.T.: 0.037 min
Response: 11098170
Conc: 96.15 ng/ml



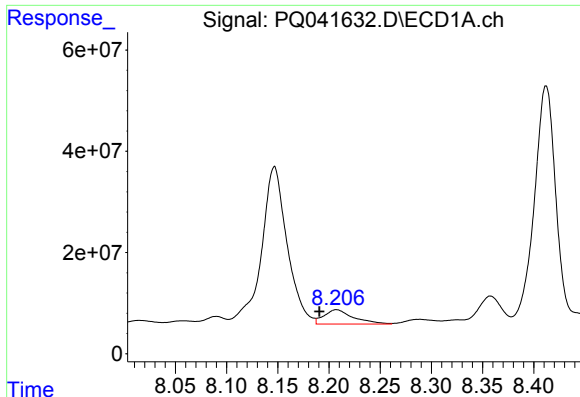
#24 AR-1248-4

R.T.: 8.147 min
Delta R.T.: -0.002 min
Response: 544701111
Conc: 2521.66 ng/ml



#24 AR-1248-4

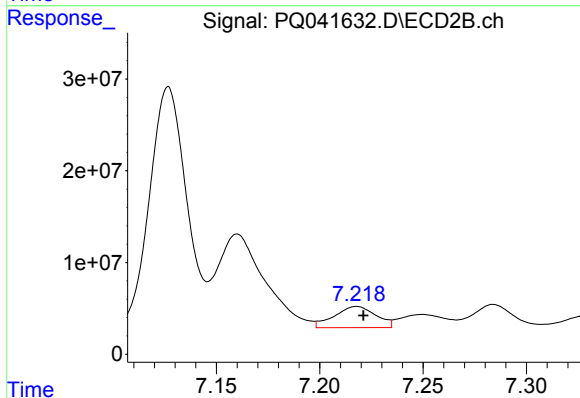
R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 77215167
Conc: 533.42 ng/ml



#25 AR-1248-5

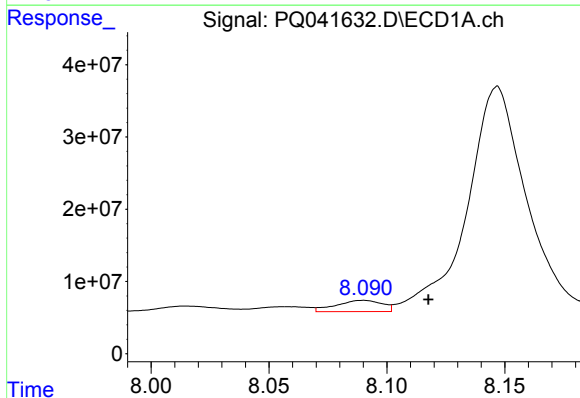
R.T.: 8.207 min
Delta R.T.: 0.017 min
Response: 56511996
Conc: 265.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



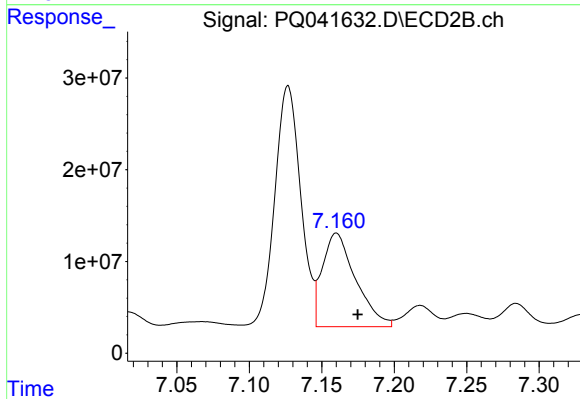
#25 AR-1248-5

R.T.: 7.218 min
Delta R.T.: -0.003 min
Response: 32309247
Conc: 191.99 ng/ml



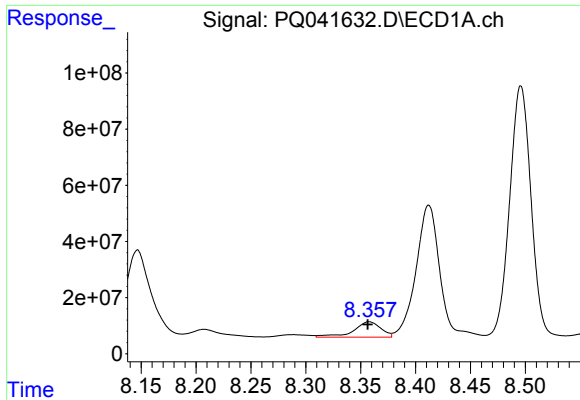
#26 AR-1254-1

R.T.: 8.090 min
Delta R.T.: -0.028 min
Response: 21074312
Conc: 103.97 ng/ml



#26 AR-1254-1

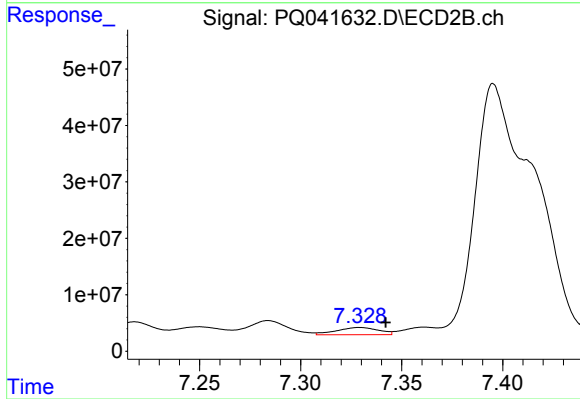
R.T.: 7.160 min
Delta R.T.: -0.015 min
Response: 162607259
Conc: 639.42 ng/ml



#27 AR-1254-2

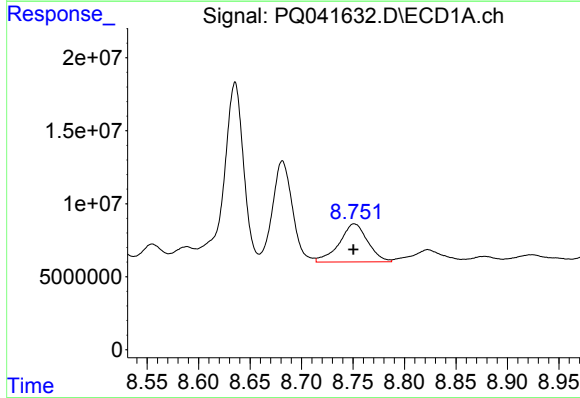
R.T.: 8.358 min
Delta R.T.: 0.001 min
Response: 95891210
Conc: 277.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



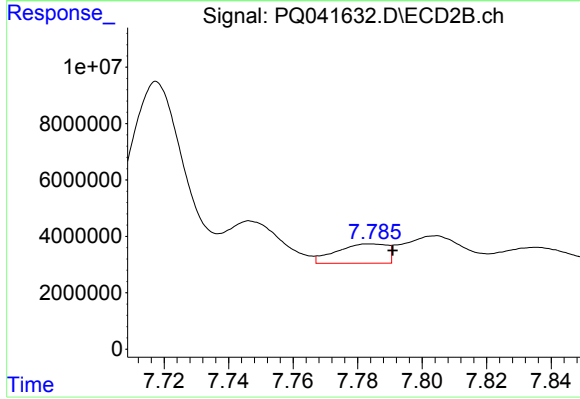
#27 AR-1254-2

R.T.: 7.329 min
Delta R.T.: -0.013 min
Response: 18469444
Conc: 80.73 ng/ml



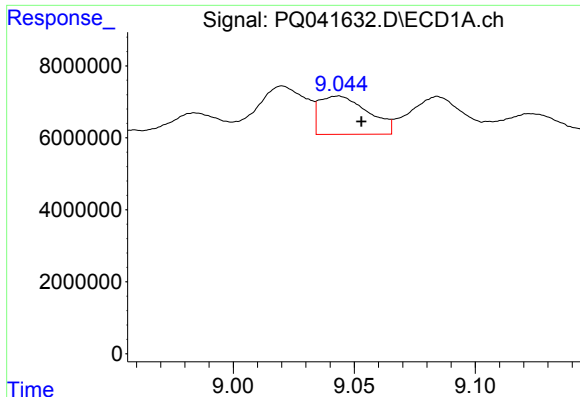
#28 AR-1254-3

R.T.: 8.751 min
Delta R.T.: 0.001 min
Response: 50233081
Conc: 121.22 ng/ml



#28 AR-1254-3

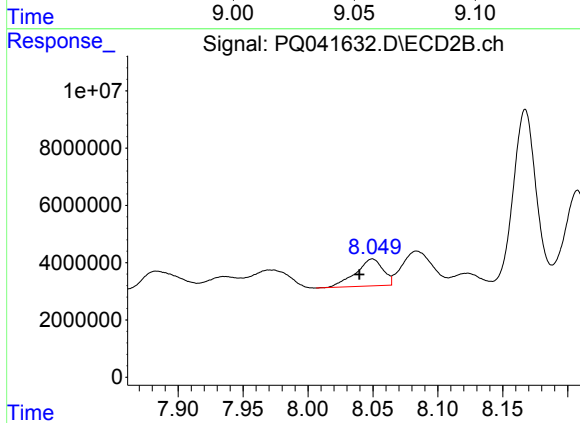
R.T.: 7.784 min
Delta R.T.: -0.007 min
Response: 7474519
Conc: 18.42 ng/ml



#29 AR-1254-4

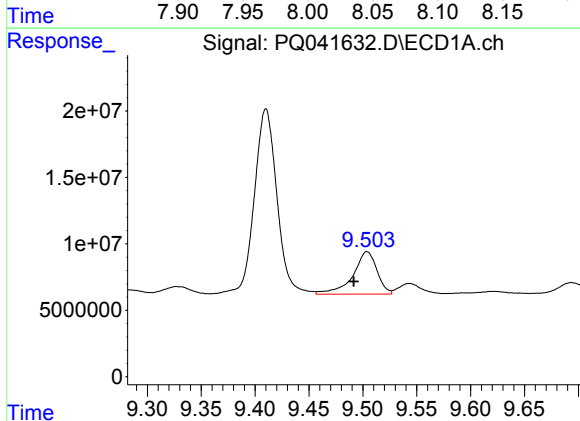
R.T.: 9.043 min
Delta R.T.: -0.010 min
Response: 14939603
Conc: 41.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



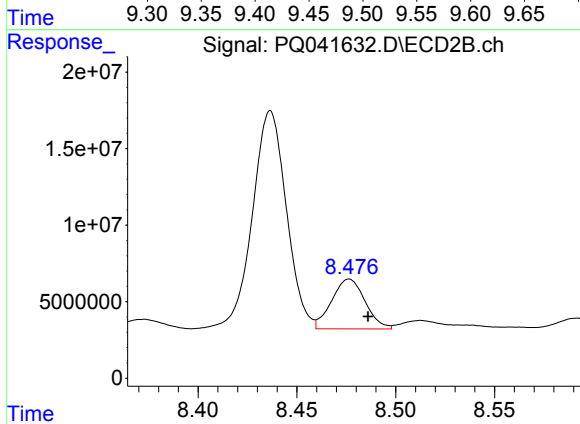
#29 AR-1254-4

R.T.: 8.050 min
Delta R.T.: 0.010 min
Response: 13845928
Conc: 50.68 ng/ml



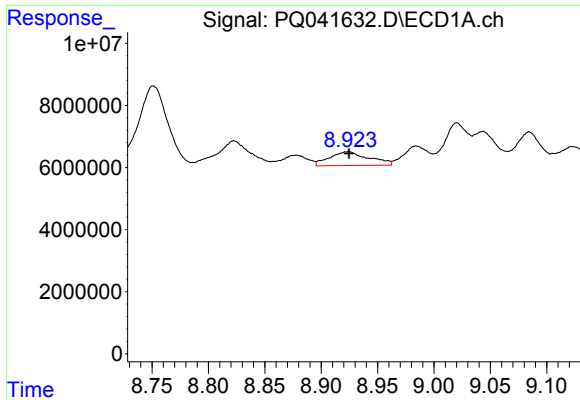
#30 AR-1254-5

R.T.: 9.504 min
Delta R.T.: 0.012 min
Response: 49786836
Conc: 123.99 ng/ml



#30 AR-1254-5

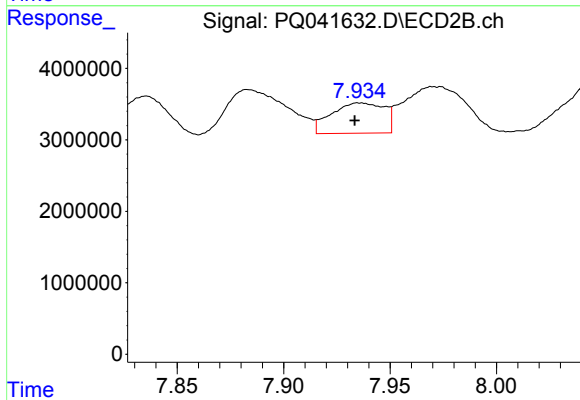
R.T.: 8.476 min
Delta R.T.: -0.009 min
Response: 38372722
Conc: 96.11 ng/ml



#31 AR-1260-1

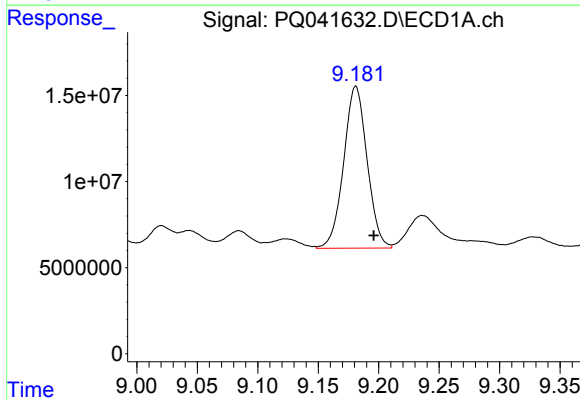
R.T.: 8.924 min
Delta R.T.: 0.000 min
Response: 10769583
Conc: 35.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



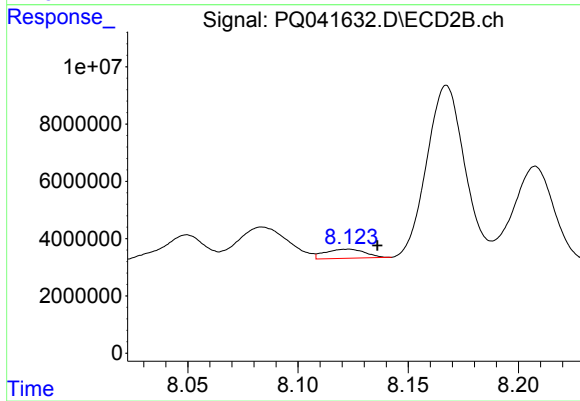
#31 AR-1260-1

R.T.: 7.936 min
Delta R.T.: 0.002 min
Response: 7369691
Conc: 27.71 ng/ml



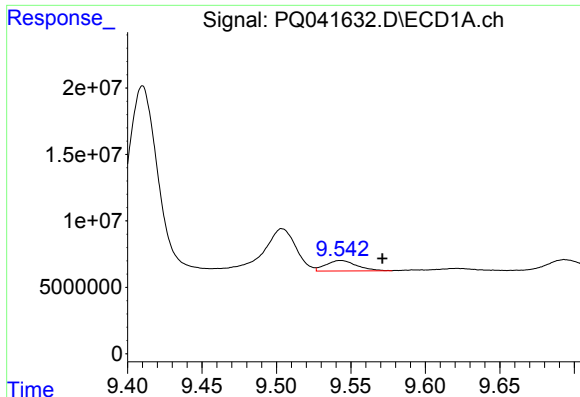
#32 AR-1260-2

R.T.: 9.181 min
Delta R.T.: -0.015 min
Response: 126735012
Conc: 276.49 ng/ml



#32 AR-1260-2

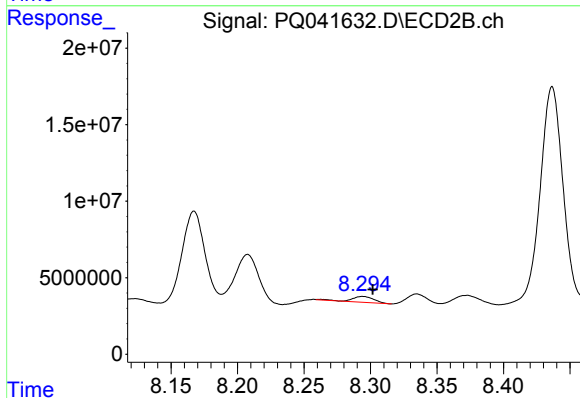
R.T.: 8.123 min
Delta R.T.: -0.013 min
Response: 3999422
Conc: 11.02 ng/ml



#33 AR-1260-3

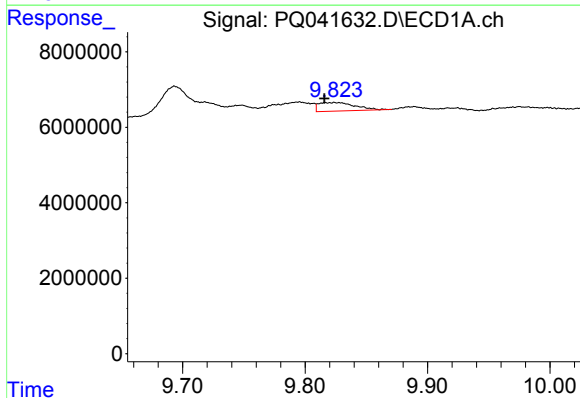
R.T.: 9.543 min
Delta R.T.: -0.028 min
Response: 11347528
Conc: 26.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



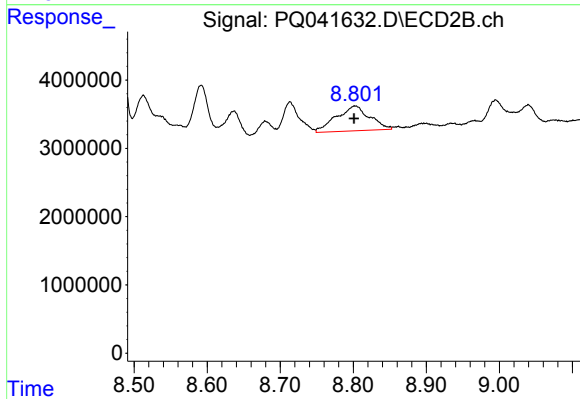
#33 AR-1260-3

R.T.: 8.294 min
Delta R.T.: -0.007 min
Response: 4276619
Conc: 13.62 ng/ml



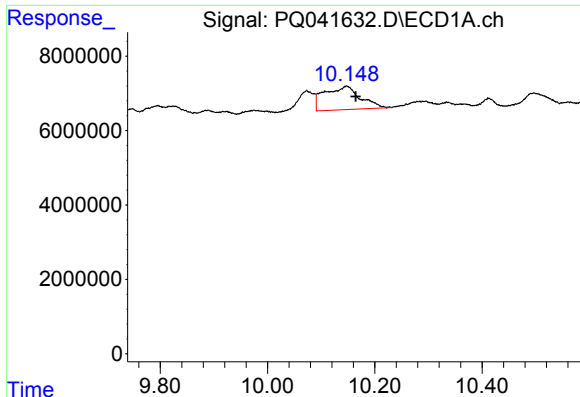
#34 AR-1260-4

R.T.: 9.824 min
Delta R.T.: 0.009 min
Response: 4709375
Conc: 11.19 ng/ml



#34 AR-1260-4

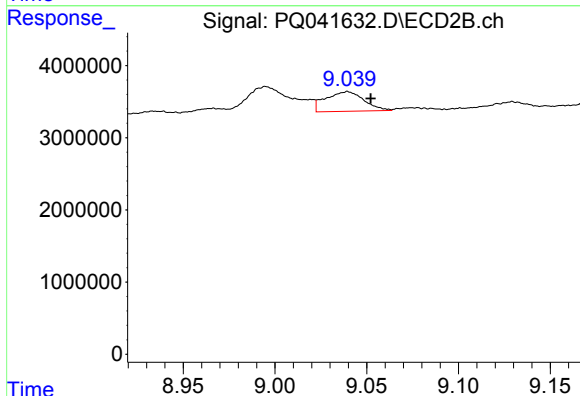
R.T.: 8.803 min
Delta R.T.: 0.001 min
Response: 11538066
Conc: 40.53 ng/ml



#35 AR-1260-5

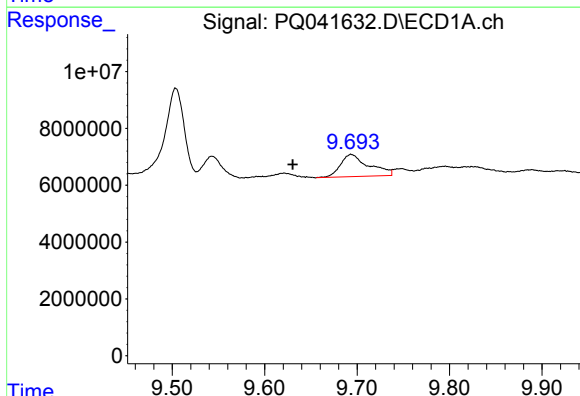
R.T.: 10.148 min
Delta R.T.: -0.017 min
Response: 28935030
Conc: 27.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



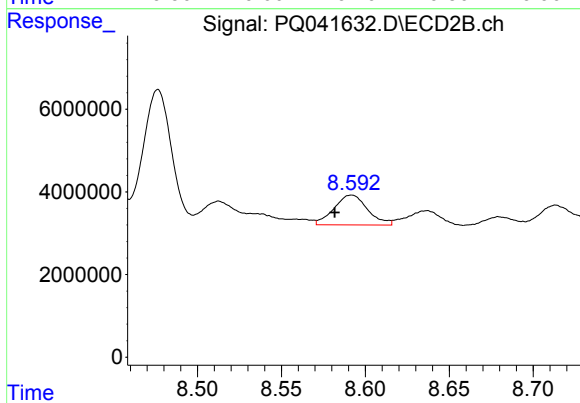
#35 AR-1260-5

R.T.: 9.039 min
Delta R.T.: -0.013 min
Response: 3971850
Conc: 5.34 ng/ml



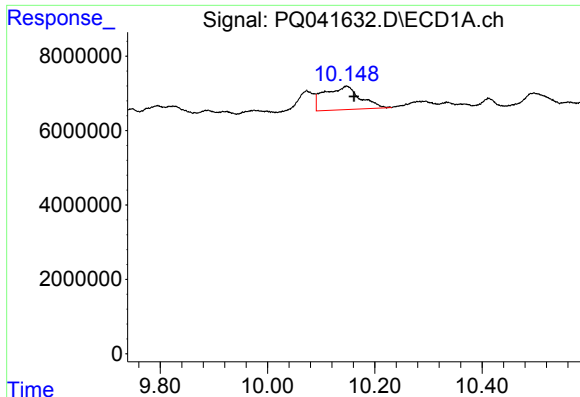
#36 AR-1262-1

R.T.: 9.694 min
Delta R.T.: 0.063 min
Response: 16761331
Conc: 68.27 ng/ml



#36 AR-1262-1

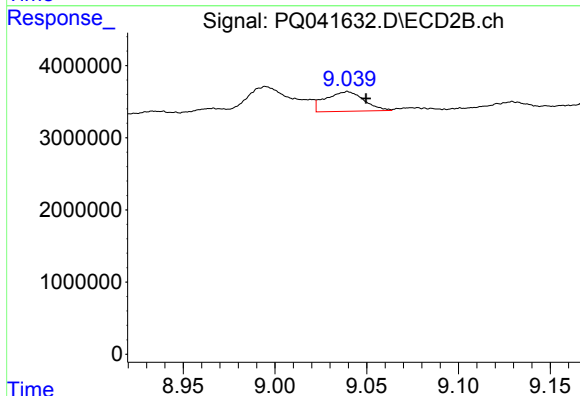
R.T.: 8.592 min
Delta R.T.: 0.010 min
Response: 10039740
Conc: 52.20 ng/ml



#37 AR-1262-2

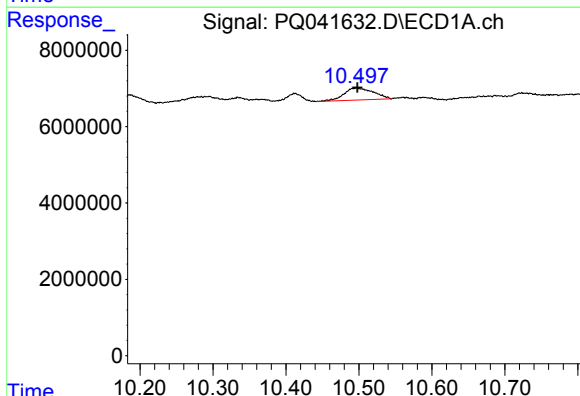
R.T.: 10.148 min
Delta R.T.: -0.014 min
Response: 28935030
Conc: 23.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



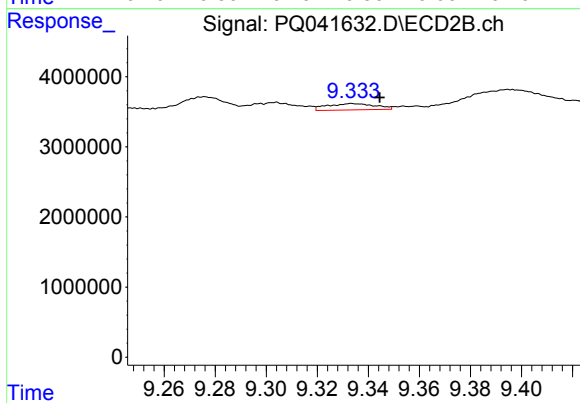
#37 AR-1262-2

R.T.: 9.039 min
Delta R.T.: -0.010 min
Response: 3971850
Conc: 4.73 ng/ml



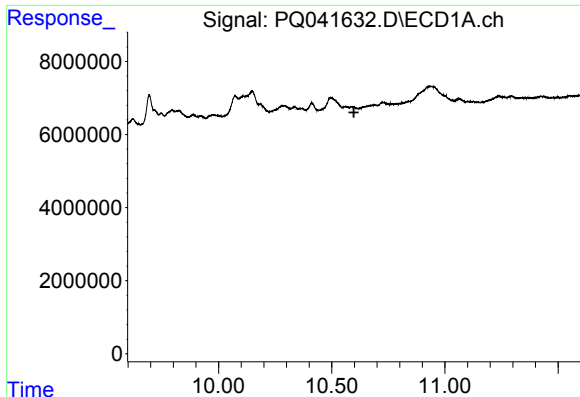
#38 AR-1262-3

R.T.: 10.497 min
Delta R.T.: 0.000 min
Response: 8801785
Conc: 10.56 ng/ml



#38 AR-1262-3

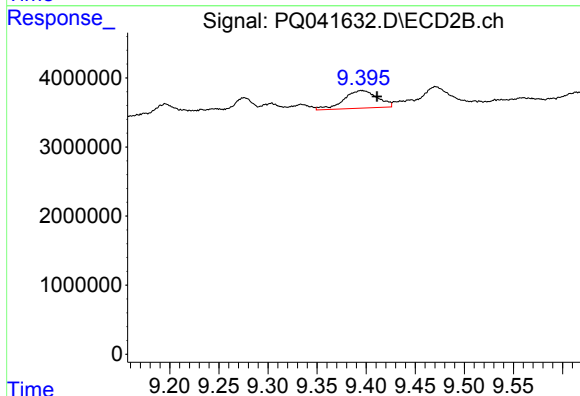
R.T.: 9.334 min
Delta R.T.: -0.010 min
Response: 1179964
Conc: 3.35 ng/ml



#39 AR-1262-4

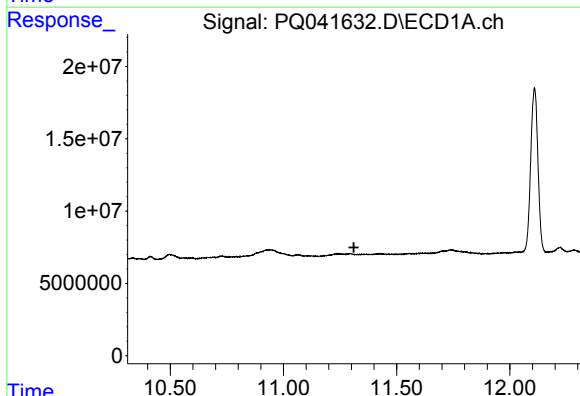
R.T.: 0.000 min
Exp R.T.: 10.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



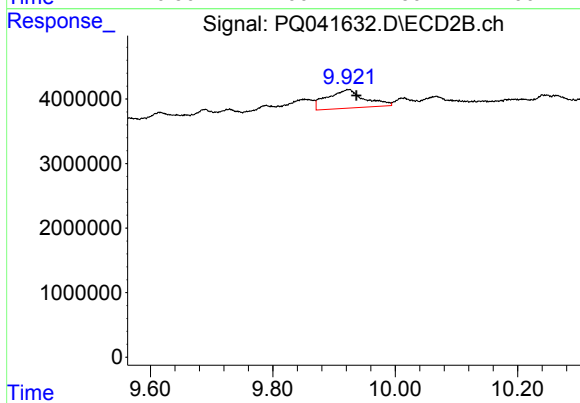
#39 AR-1262-4

R.T.: 9.395 min
Delta R.T.: -0.016 min
Response: 6117317
Conc: 10.41 ng/ml



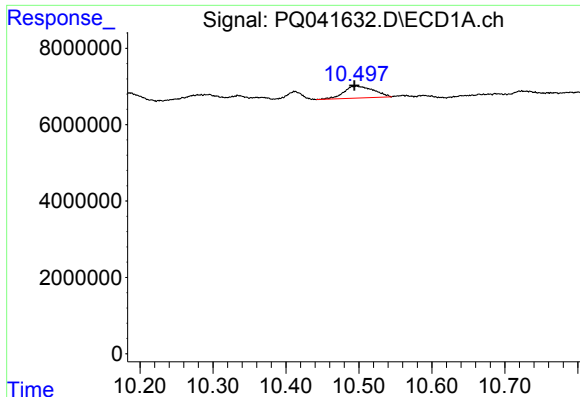
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.311 min
Response: 0
Conc: N.D.



#40 AR-1262-5

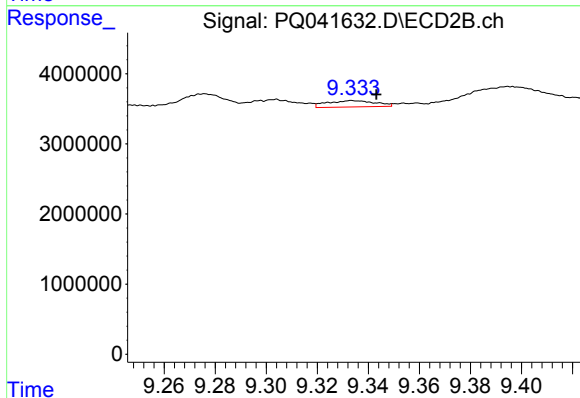
R.T.: 9.925 min
Delta R.T.: -0.012 min
Response: 12053777
Conc: 50.23 ng/ml



#41 AR-1268-1

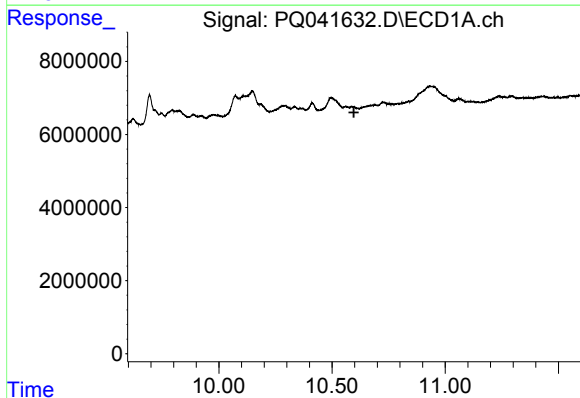
R.T.: 10.497 min
Delta R.T.: 0.003 min
Response: 8801785
Conc: 4.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



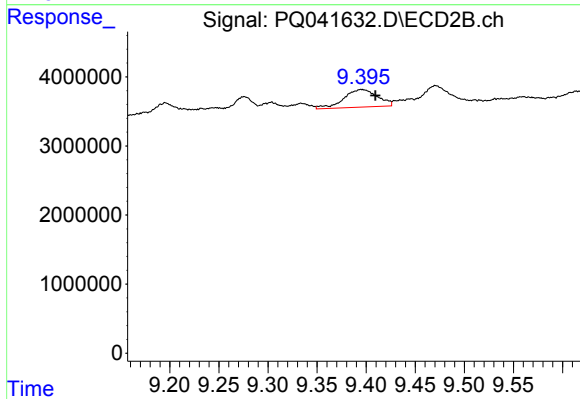
#41 AR-1268-1

R.T.: 9.334 min
Delta R.T.: -0.009 min
Response: 1179964
Conc: 1.03 ng/ml



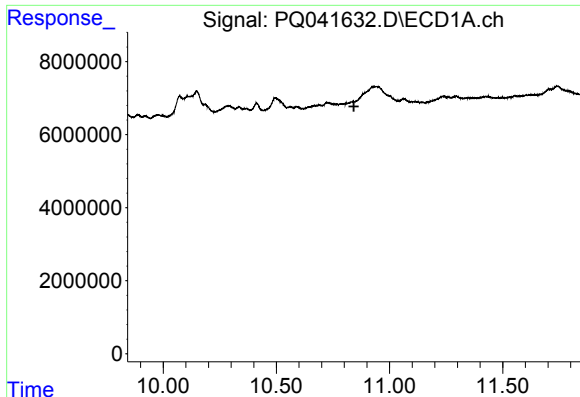
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.596 min
Response: 0
Conc: N.D.



#42 AR-1268-2

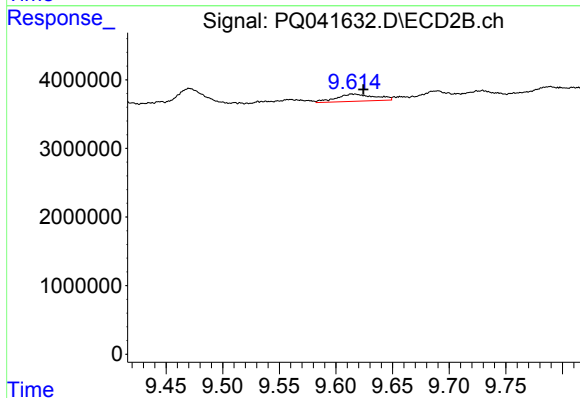
R.T.: 9.395 min
Delta R.T.: -0.014 min
Response: 6117317
Conc: 6.30 ng/ml



#43 AR-1268-3

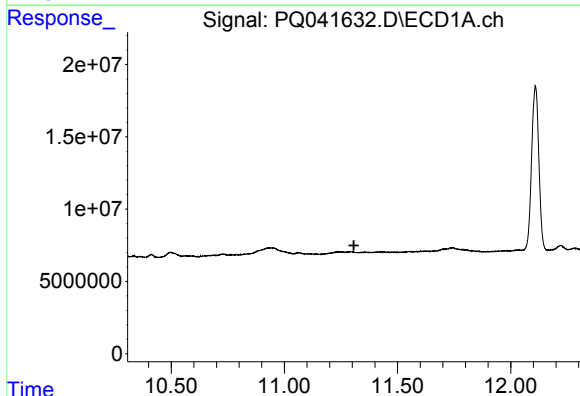
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



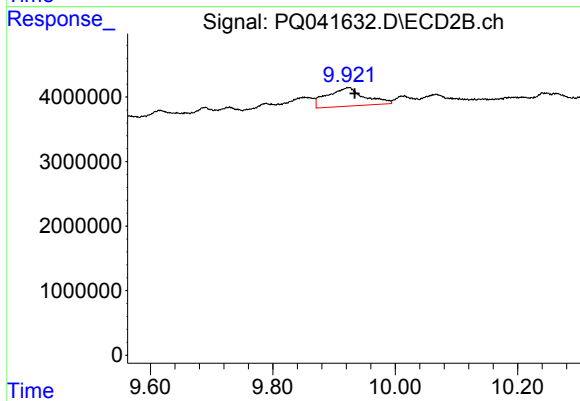
#43 AR-1268-3

R.T.: 9.615 min
Delta R.T.: -0.010 min
Response: 2483079
Conc: 3.11 ng/ml



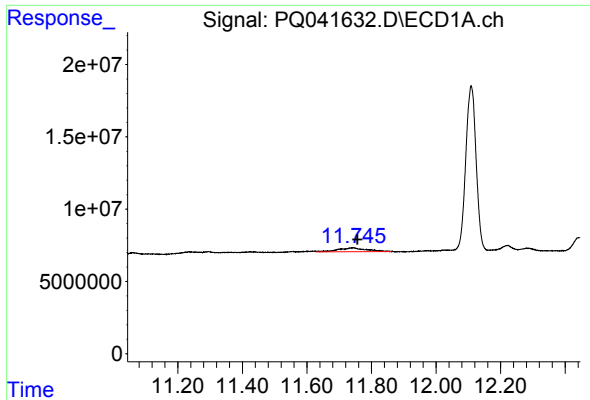
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.307 min
Response: 0
Conc: N.D.



#44 AR-1268-4

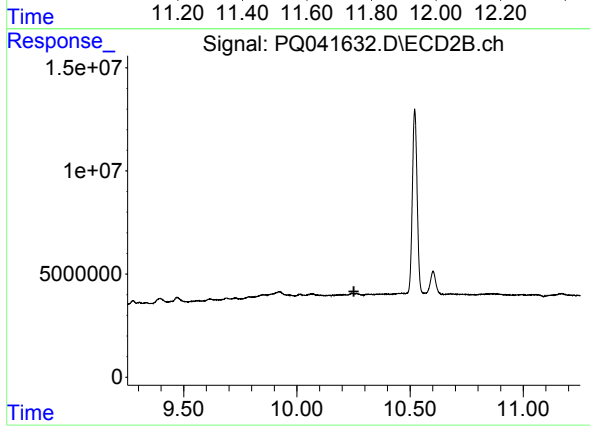
R.T.: 9.925 min
Delta R.T.: -0.009 min
Response: 12053777
Conc: 39.28 ng/ml



#45 AR-1268-5

R.T.: 11.744 min
Delta R.T.: -0.012 min
Response: 16381035
Conc: 3.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.252 min
Response: 0
Conc: N.D.