

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042019\
 Data File : PQ039171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2019 07:55
 Operator : AJ\SJ
 Sample : K2241-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 00:26:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 20 00:43:12 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.707	4.796	92400347	54346636	22.335	21.617
2)	SA Decachlor...	12.117	10.563	105.9E6	61749956	17.903	17.914
Target Compounds							
3)	L1 AR-1016-1	7.156	6.250	8084657	4951788	52.171	49.620
4)	L1 AR-1016-2	7.181	6.273	12108401	7182982	52.145	50.164
5)	L1 AR-1016-3	7.252	6.487	7882212	4582794	57.020	58.804
6)	L1 AR-1016-4	7.365	6.541	6111753	3215939	52.031	51.773
7)	L1 AR-1016-5	7.699	6.795	6258954	4173261	52.780	49.728
9)	L2 AR-1221-2	0.000	5.217	0	1222638	N.D.	60.168 #
10)	L2 AR-1221-3	6.193	5.325	4688562	2614070	41.001	38.022
11)	L3 AR-1232-1	6.193	5.325	4688562	2614070	53.333	51.168
12)	L3 AR-1232-2	6.839	6.273	6084905	7182982	133.054	122.038
13)	L3 AR-1232-3	7.181	6.487	12108401	4582794	131.219	146.736
14)	L3 AR-1232-4	7.365	6.590	6111753	4286682	132.852	150.971
15)	L3 AR-1232-5	7.470	6.795	5180822	4173261	154.037	122.913
16)	L4 AR-1242-1	7.156	6.250	8084657	4951788	58.583	55.635
17)	L4 AR-1242-2	7.181	6.273	12108401	7182982	60.483	56.946
18)	L4 AR-1242-3	7.252	6.487	7882212	4582794	64.271	66.679
19)	L4 AR-1242-4	7.365	6.590	6111753	4286682	60.063	62.496
20)	L4 AR-1242-5	0.000	7.203	0	4301485	N.D.	47.546 #
21)	L5 AR-1248-1	7.156	6.250	8084657	4951788	85.441	78.793
22)	L5 AR-1248-2	7.470	6.541	5180822	3215939	39.842	37.659
23)	L5 AR-1248-3	7.699	6.590	6258954	4286682	39.979	47.559
24)	L5 AR-1248-4	8.116	6.795	4252892	4173261	23.741	37.547 #
25)	L5 AR-1248-5	0.000	7.248	0	1046689	N.D.	9.246 #
26)	L6 AR-1254-1	8.116	7.203	4252892	4301485	20.596	20.993
27)	L6 AR-1254-2	8.354	7.371	4986221	2879583	15.293	16.251
28)	L6 AR-1254-3	8.809	7.834	7521500	6039070	21.174	19.729
29)	L6 AR-1254-4	0.000	8.098	0	1805142	N.D.	9.839 #
30)	L6 AR-1254-5	9.490	8.514	16257957	11226209	57.837	42.907 #
31)	L7 AR-1260-1	8.922	7.959	12749973	9237867	56.297	54.411
32)	L7 AR-1260-2	9.191	8.162	14234524	11070466	51.964	54.004
33)	L7 AR-1260-3	9.567	8.328	11075428	10283292	49.636	52.728
34)	L7 AR-1260-4	9.810	8.826	12040824	8206176	45.297	49.494
35)	L7 AR-1260-5	10.159	9.078	21664554	17408546	42.257	42.607
36)	L8 AR-1262-1	9.629	8.552	5759245	8706304	41.403	32.166
37)	L8 AR-1262-2	10.159	9.078	21664554	17408546	34.397	34.279
38)	L8 AR-1262-3	10.515	9.371	13590316	3685266	31.777	19.398 #
39)	L8 AR-1262-4	10.594	9.439	3931039	12774132	11.558	34.419 #
40)	L8 AR-1262-5	11.307	9.966	5717686	3977594	24.841	25.365
41)	L9 AR-1268-1	10.515	9.371	13590316	3685266	18.016	6.408 #
42)	L9 AR-1268-2	10.594	9.439	3931039	12774132	5.472	23.728 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042019\
 Data File : PQ039171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2019 07:55
 Operator : AJ\SJ
 Sample : K2241-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 32 Sample Multiplier: 1

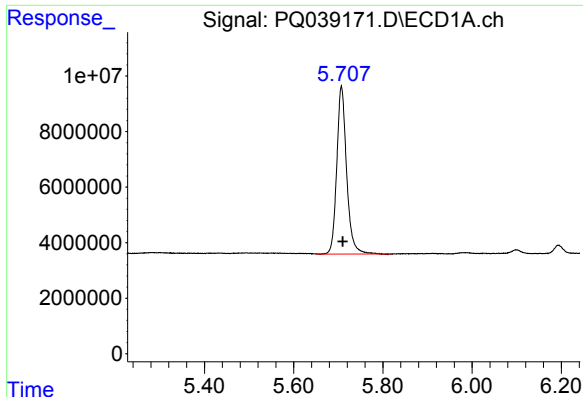
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 00:26:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 20 00:43:12 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
44) L9	AR-1268-4	11.307	9.966	5717686	3977594	23.067	22.589
45) L9	AR-1268-5	0.000	10.283	0	1555991	N.D.	1.124 #

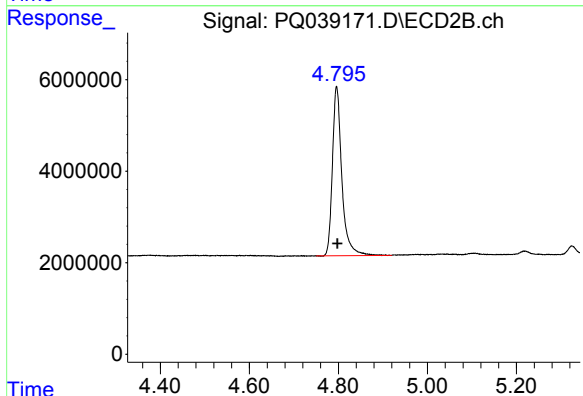
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

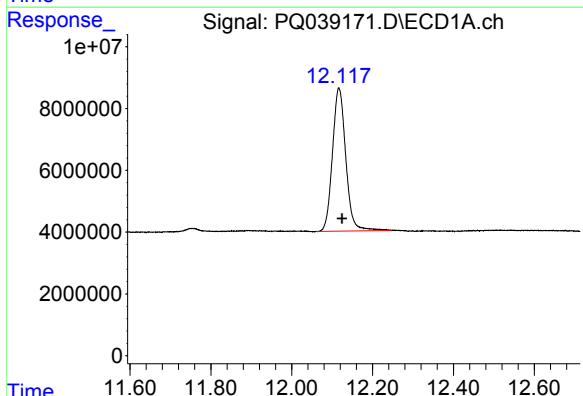
R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 92400347
Conc: 22.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



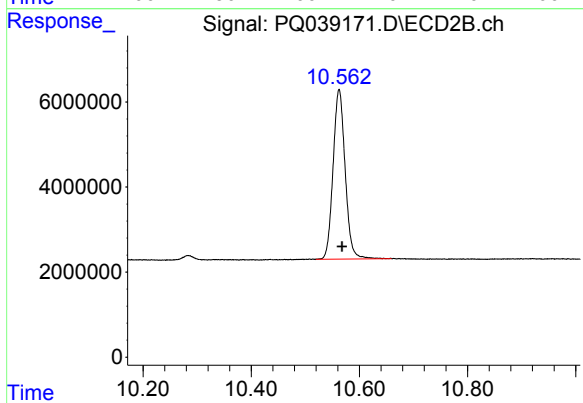
#1 Tetrachloro-m-xylene

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 54346636
Conc: 21.62 ng/ml



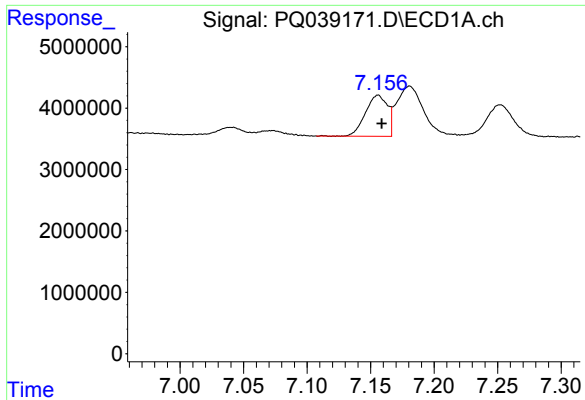
#2 Decachlorobiphenyl

R.T.: 12.117 min
Delta R.T.: -0.008 min
Response: 105883359
Conc: 17.90 ng/ml



#2 Decachlorobiphenyl

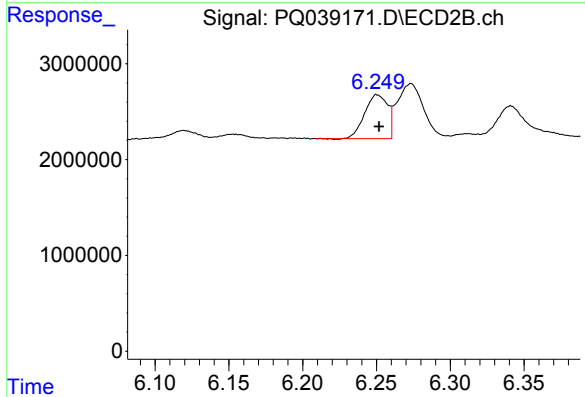
R.T.: 10.563 min
Delta R.T.: -0.005 min
Response: 61749956
Conc: 17.91 ng/ml



#3 AR-1016-1

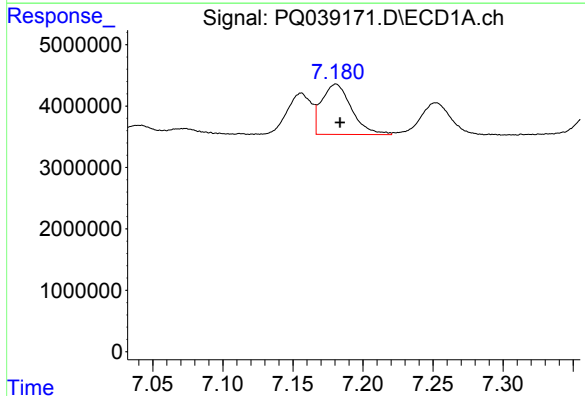
R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 8084657
Conc: 52.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



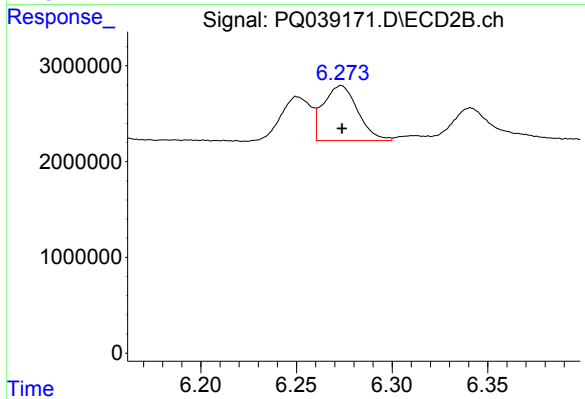
#3 AR-1016-1

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 4951788
Conc: 49.62 ng/ml



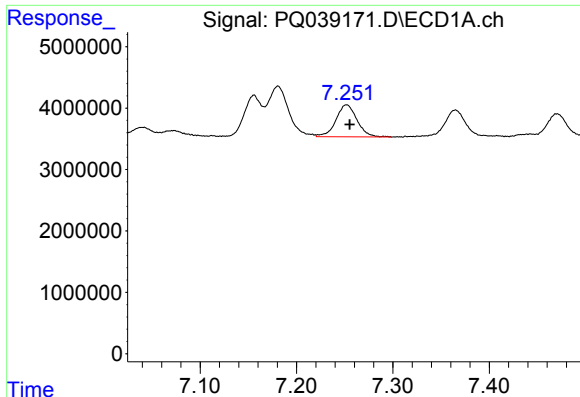
#4 AR-1016-2

R.T.: 7.181 min
Delta R.T.: -0.003 min
Response: 12108401
Conc: 52.15 ng/ml



#4 AR-1016-2

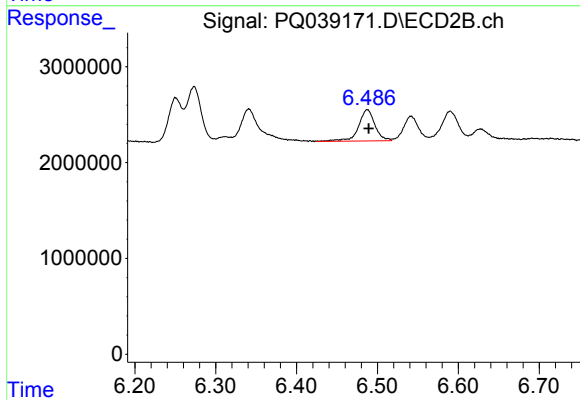
R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 7182982
Conc: 50.16 ng/ml



#5 AR-1016-3

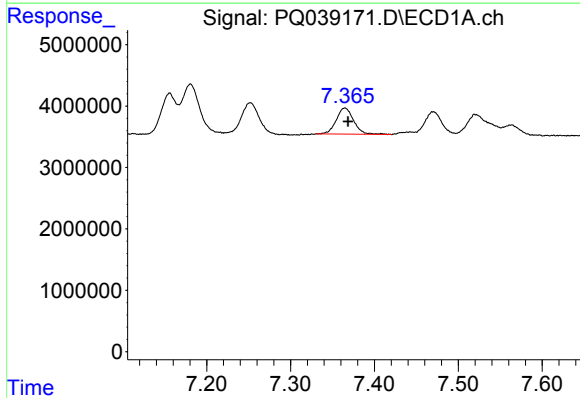
R.T.: 7.252 min
Delta R.T.: -0.003 min
Response: 7882212
Conc: 57.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



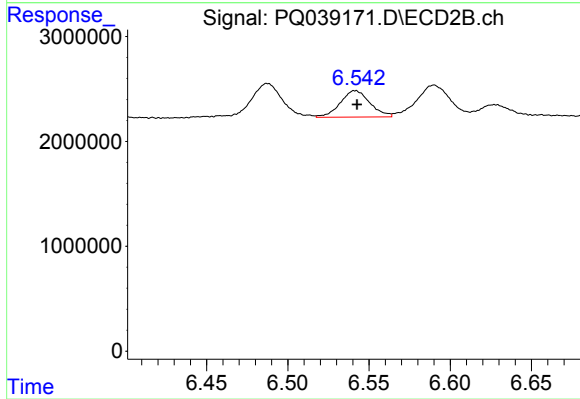
#5 AR-1016-3

R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 4582794
Conc: 58.80 ng/ml



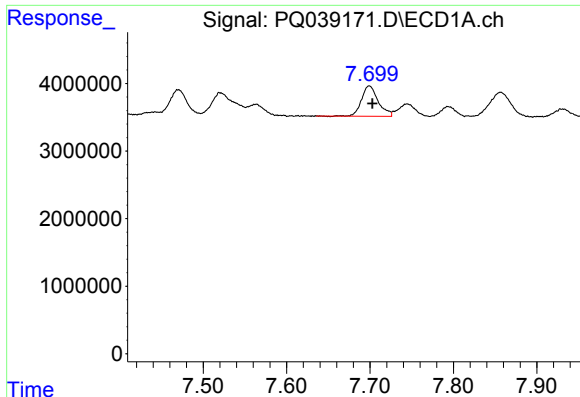
#6 AR-1016-4

R.T.: 7.365 min
Delta R.T.: -0.004 min
Response: 6111753
Conc: 52.03 ng/ml



#6 AR-1016-4

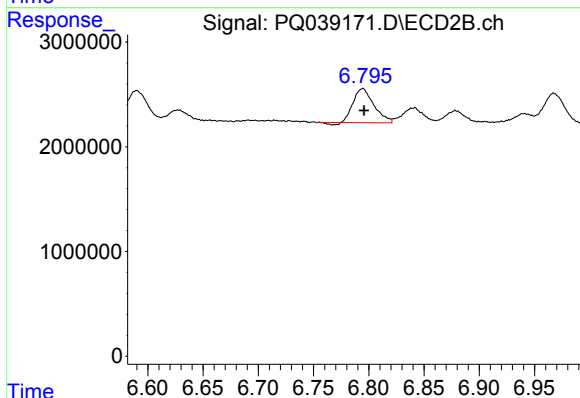
R.T.: 6.541 min
Delta R.T.: -0.001 min
Response: 3215939
Conc: 51.77 ng/ml



#7 AR-1016-5

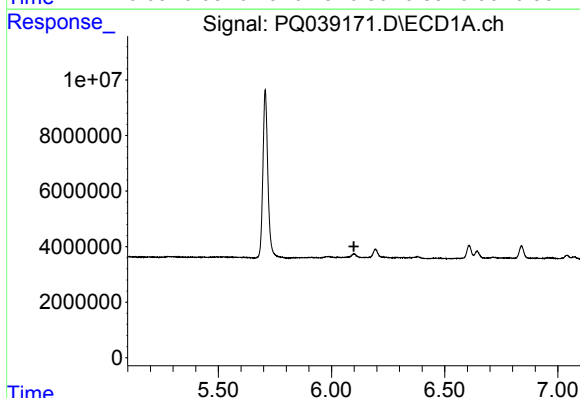
R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 6258954
Conc: 52.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



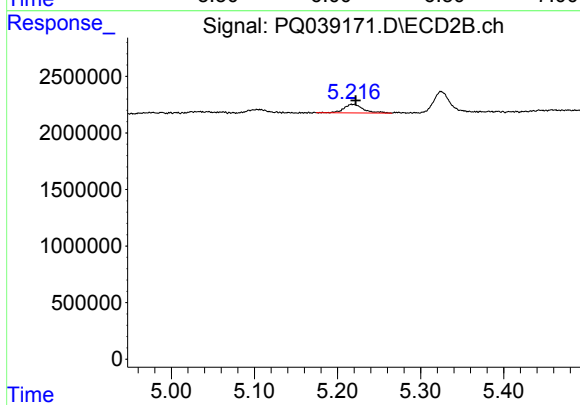
#7 AR-1016-5

R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 4173261
Conc: 49.73 ng/ml



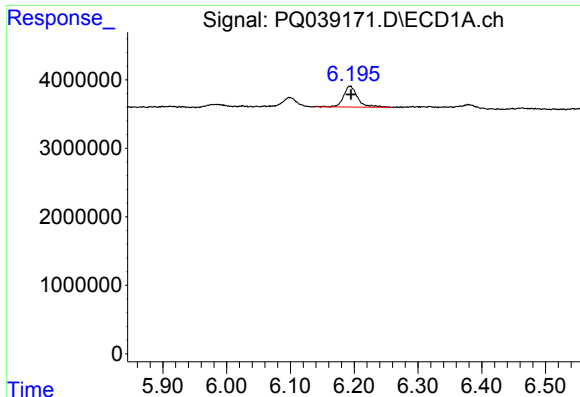
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.099 min
Response: 0
Conc: N.D.



#9 AR-1221-2

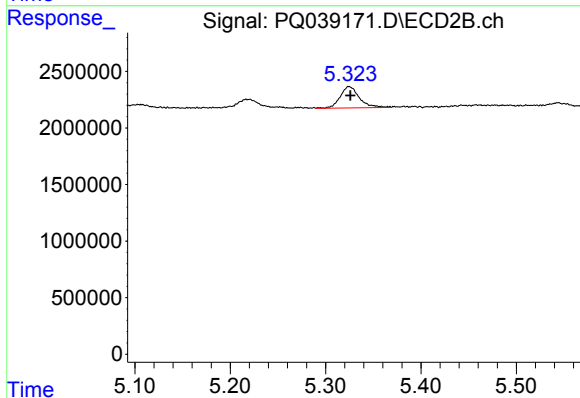
R.T.: 5.217 min
Delta R.T.: -0.005 min
Response: 1222638
Conc: 60.17 ng/ml



#10 AR-1221-3

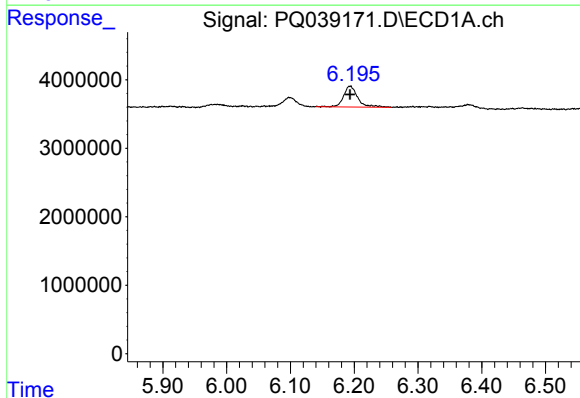
R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 4688562
Conc: 41.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



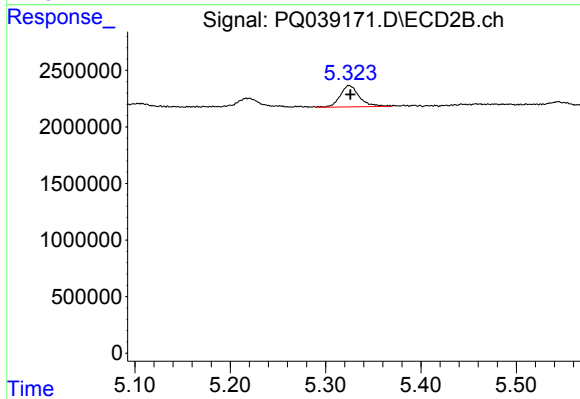
#10 AR-1221-3

R.T.: 5.325 min
Delta R.T.: -0.001 min
Response: 2614070
Conc: 38.02 ng/ml



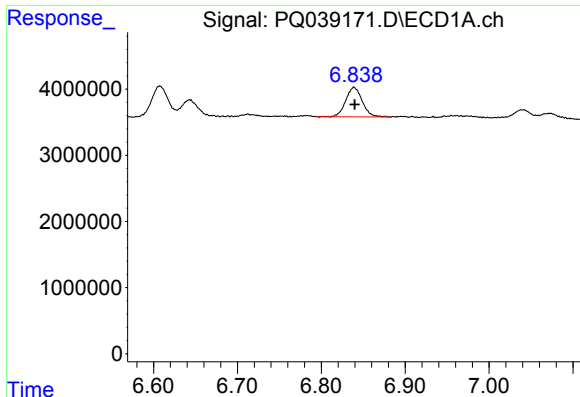
#11 AR-1232-1

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 4688562
Conc: 53.33 ng/ml



#11 AR-1232-1

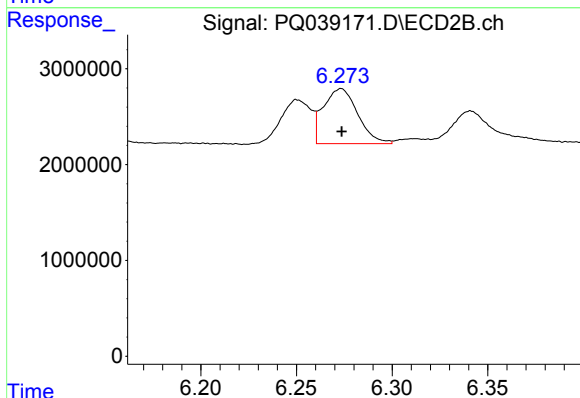
R.T.: 5.325 min
Delta R.T.: -0.001 min
Response: 2614070
Conc: 51.17 ng/ml



#12 AR-1232-2

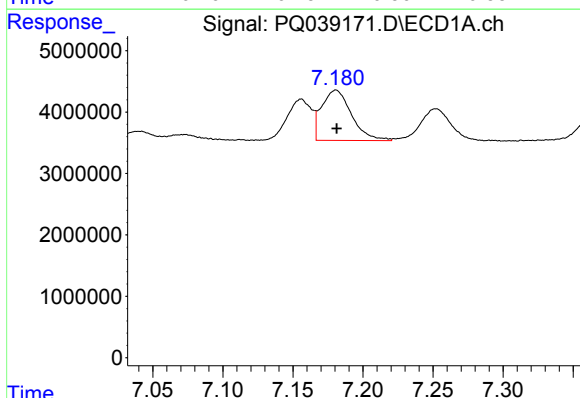
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 6084905
Conc: 133.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



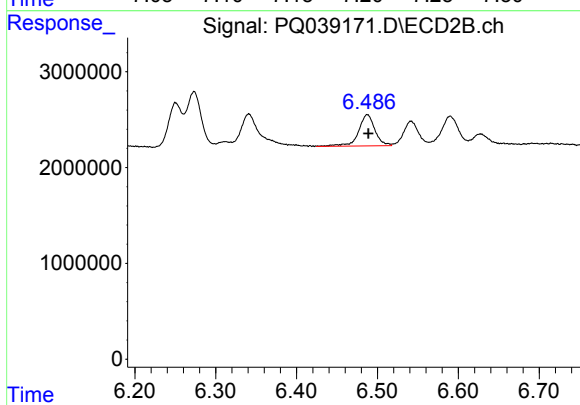
#12 AR-1232-2

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 7182982
Conc: 122.04 ng/ml



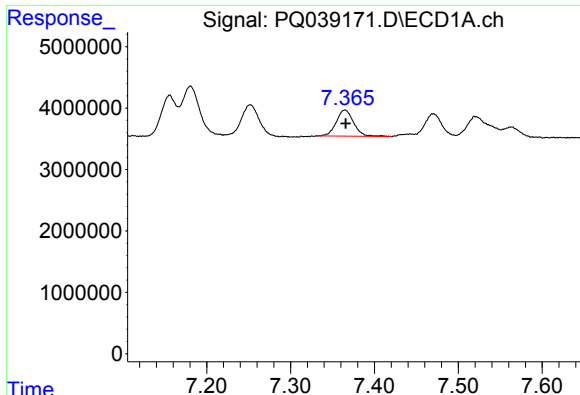
#13 AR-1232-3

R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 12108401
Conc: 131.22 ng/ml



#13 AR-1232-3

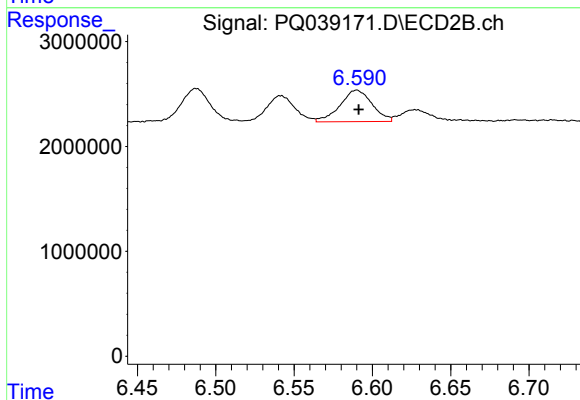
R.T.: 6.487 min
Delta R.T.: -0.001 min
Response: 4582794
Conc: 146.74 ng/ml



#14 AR-1232-4

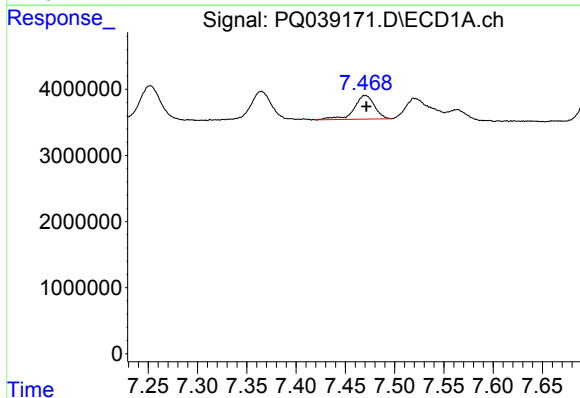
R.T.: 7.365 min
Delta R.T.: -0.001 min
Response: 6111753
Conc: 132.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



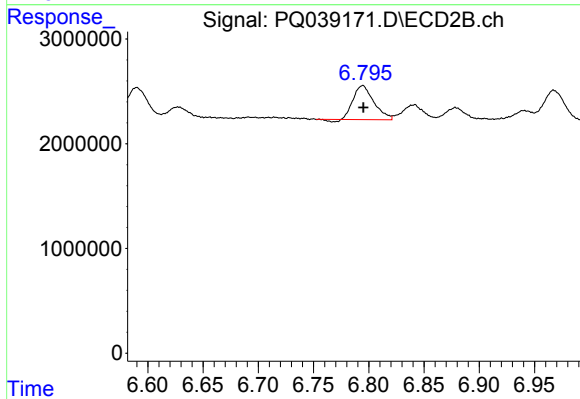
#14 AR-1232-4

R.T.: 6.590 min
Delta R.T.: -0.001 min
Response: 4286682
Conc: 150.97 ng/ml



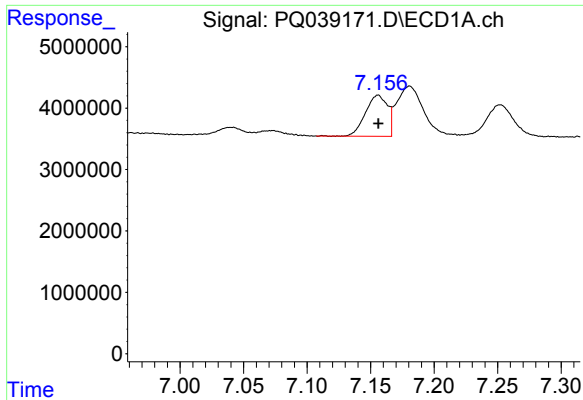
#15 AR-1232-5

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 5180822
Conc: 154.04 ng/ml



#15 AR-1232-5

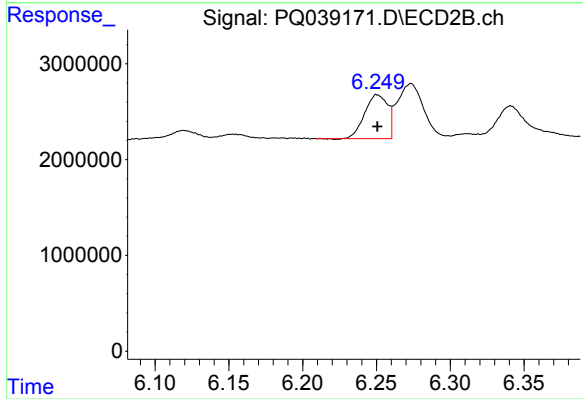
R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 4173261
Conc: 122.91 ng/ml



#16 AR-1242-1

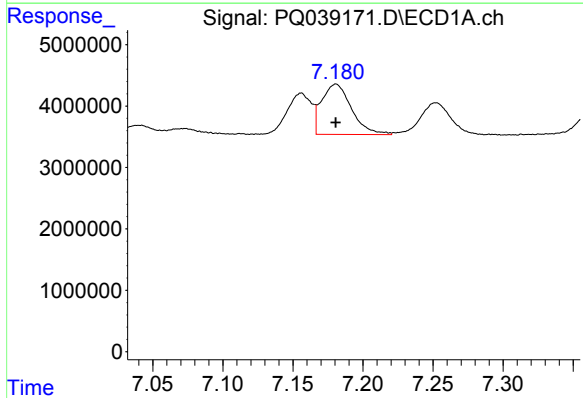
R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 8084657
Conc: 58.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



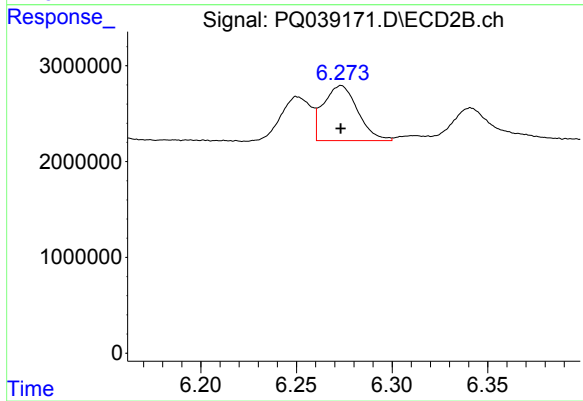
#16 AR-1242-1

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 4951788
Conc: 55.64 ng/ml



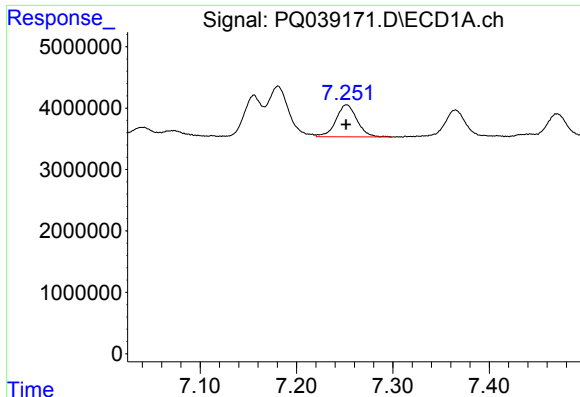
#17 AR-1242-2

R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 12108401
Conc: 60.48 ng/ml



#17 AR-1242-2

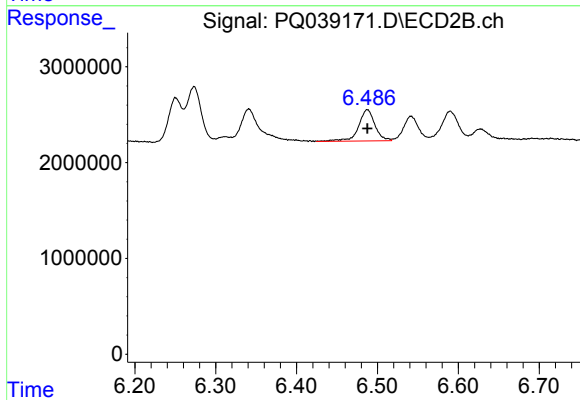
R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 7182982
Conc: 56.95 ng/ml



#18 AR-1242-3

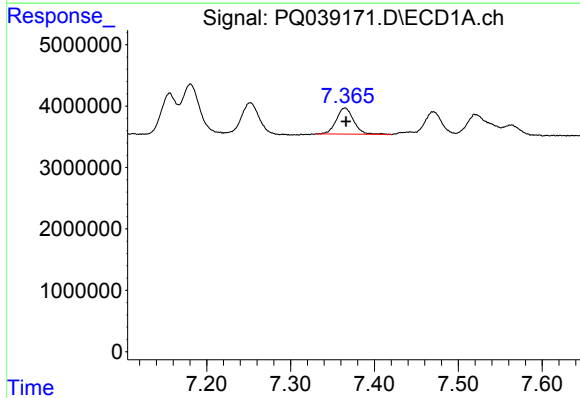
R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 7882212
Conc: 64.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



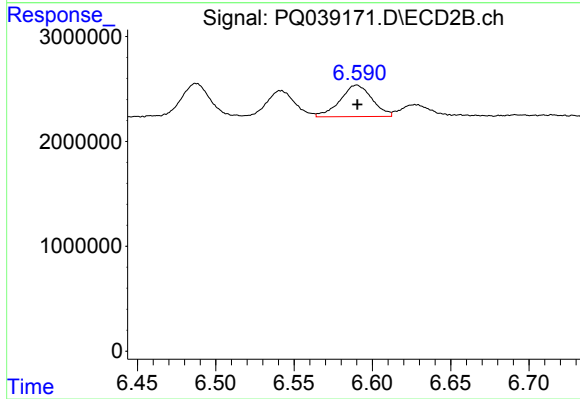
#18 AR-1242-3

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 4582794
Conc: 66.68 ng/ml



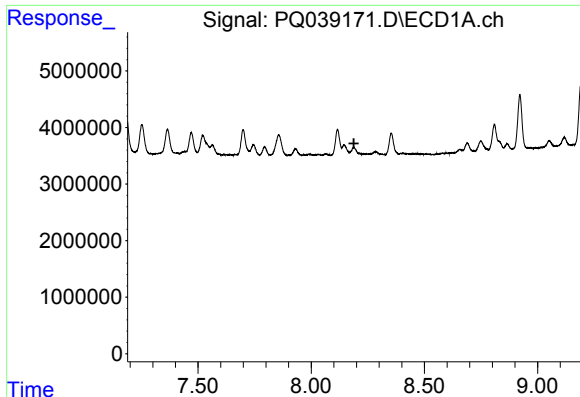
#19 AR-1242-4

R.T.: 7.365 min
Delta R.T.: -0.001 min
Response: 6111753
Conc: 60.06 ng/ml



#19 AR-1242-4

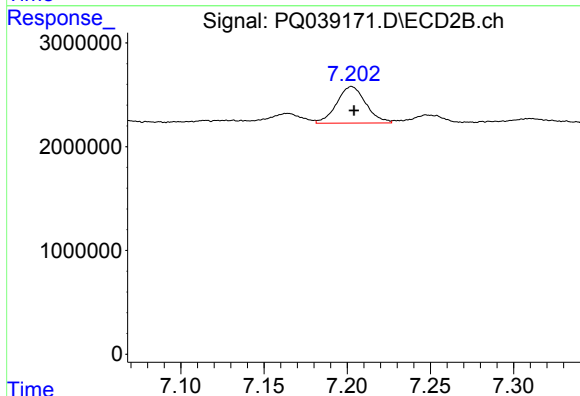
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 4286682
Conc: 62.50 ng/ml



#20 AR-1242-5

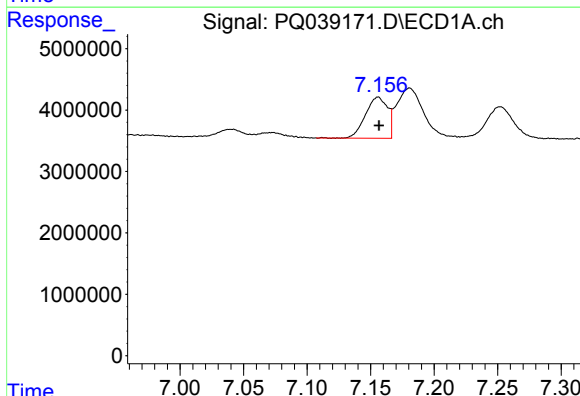
R.T.: 0.000 min
Exp R.T.: 8.188 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



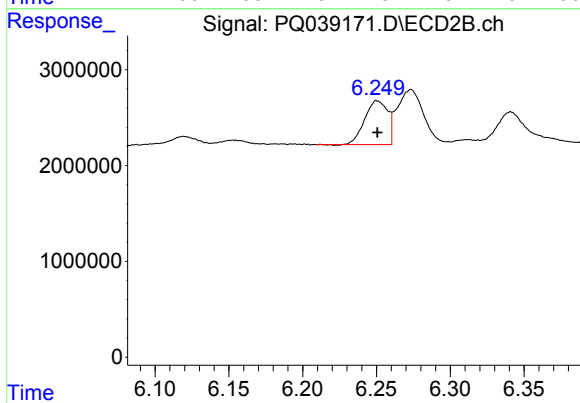
#20 AR-1242-5

R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 4301485
Conc: 47.55 ng/ml



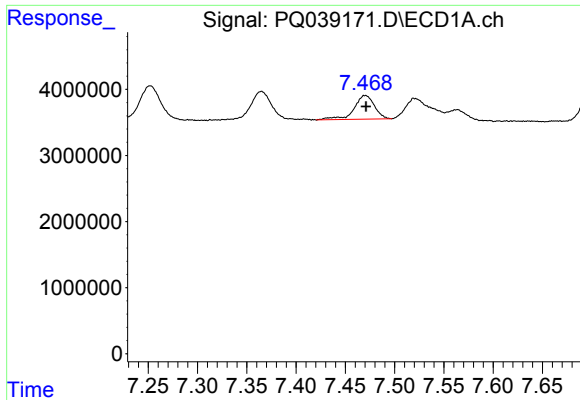
#21 AR-1248-1

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 8084657
Conc: 85.44 ng/ml



#21 AR-1248-1

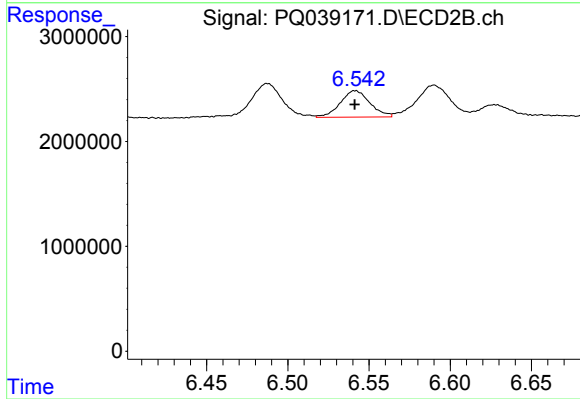
R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 4951788
Conc: 78.79 ng/ml



#22 AR-1248-2

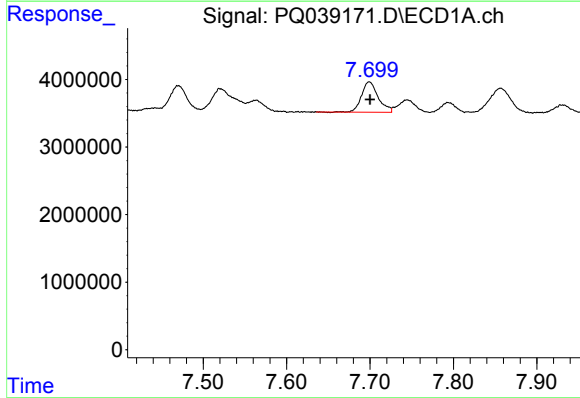
R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 5180822
Conc: 39.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



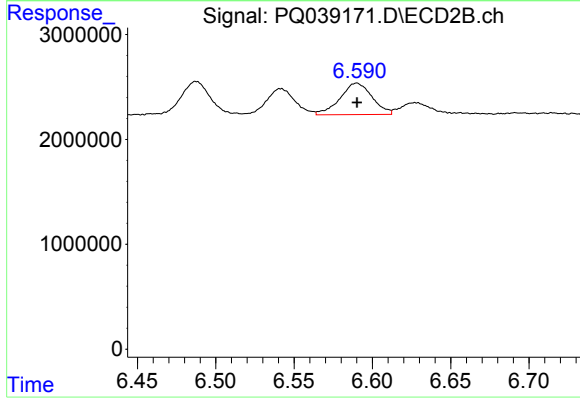
#22 AR-1248-2

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 3215939
Conc: 37.66 ng/ml



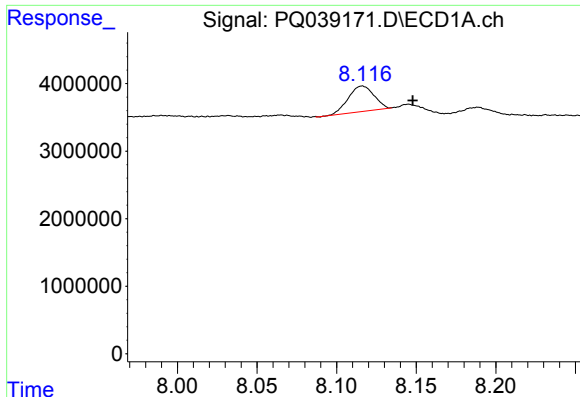
#23 AR-1248-3

R.T.: 7.699 min
Delta R.T.: -0.001 min
Response: 6258954
Conc: 39.98 ng/ml



#23 AR-1248-3

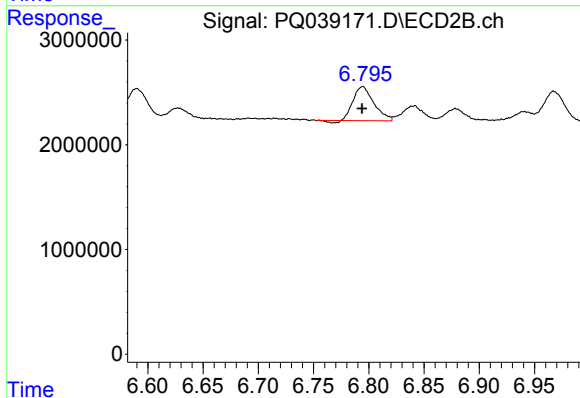
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 4286682
Conc: 47.56 ng/ml



#24 AR-1248-4

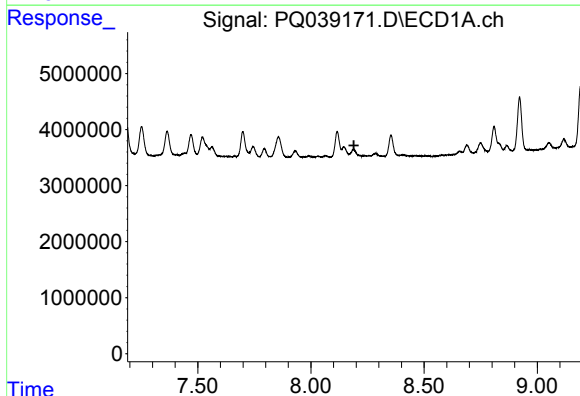
R.T.: 8.116 min
Delta R.T.: -0.032 min
Response: 4252892
Conc: 23.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



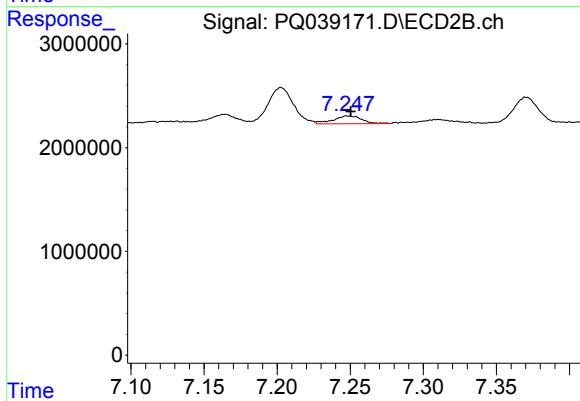
#24 AR-1248-4

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 4173261
Conc: 37.55 ng/ml



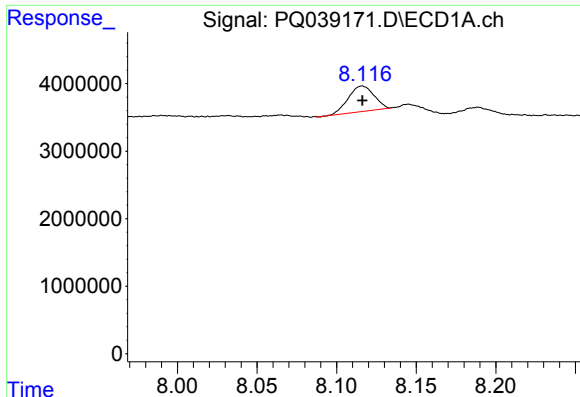
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 8.190 min
Response: 0
Conc: N.D.



#25 AR-1248-5

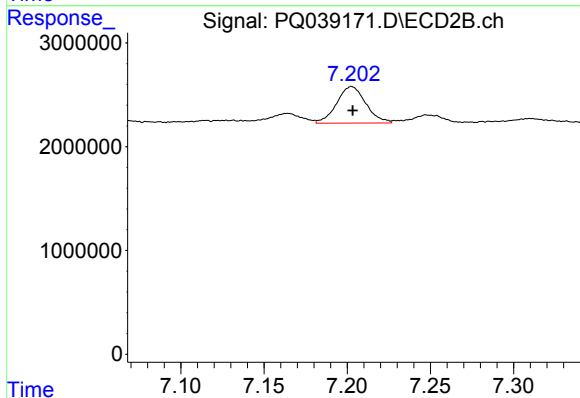
R.T.: 7.248 min
Delta R.T.: -0.002 min
Response: 1046689
Conc: 9.25 ng/ml



#26 AR-1254-1

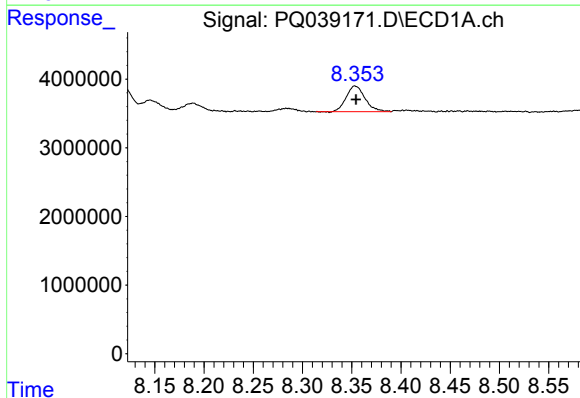
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 4252892
Conc: 20.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



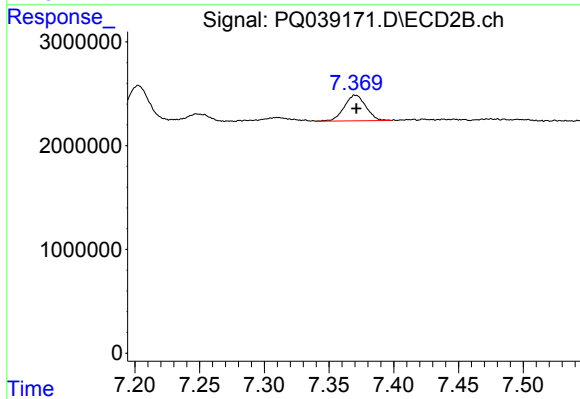
#26 AR-1254-1

R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 4301485
Conc: 20.99 ng/ml



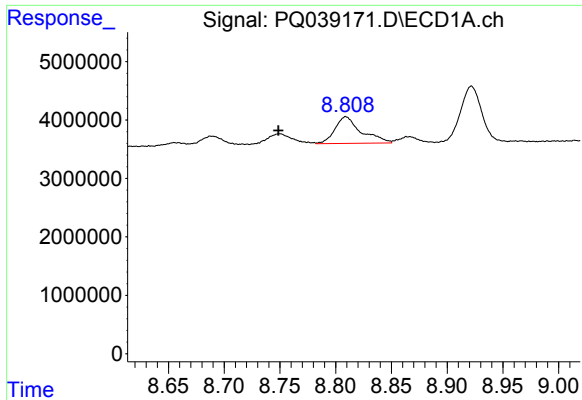
#27 AR-1254-2

R.T.: 8.354 min
Delta R.T.: 0.000 min
Response: 4986221
Conc: 15.29 ng/ml



#27 AR-1254-2

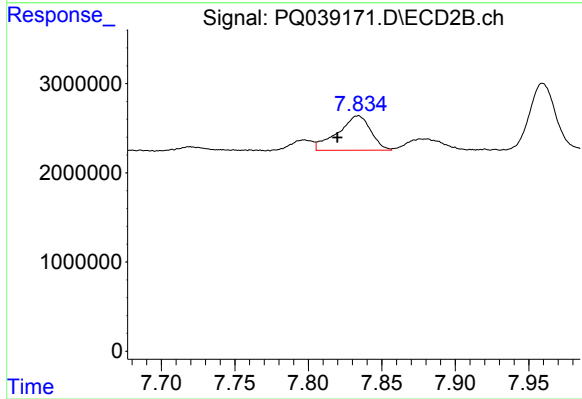
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 2879583
Conc: 16.25 ng/ml



#28 AR-1254-3

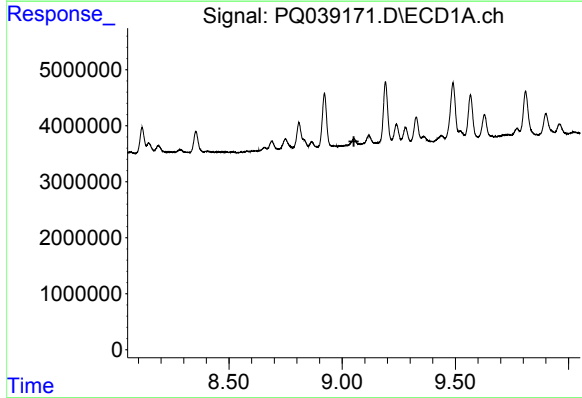
R.T.: 8.809 min
Delta R.T.: 0.061 min
Response: 7521500
Conc: 21.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



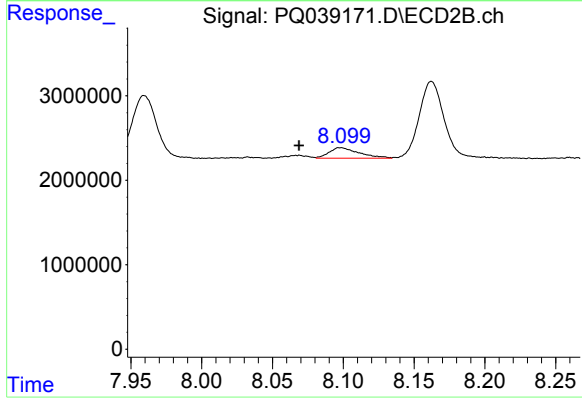
#28 AR-1254-3

R.T.: 7.834 min
Delta R.T.: 0.014 min
Response: 6039070
Conc: 19.73 ng/ml



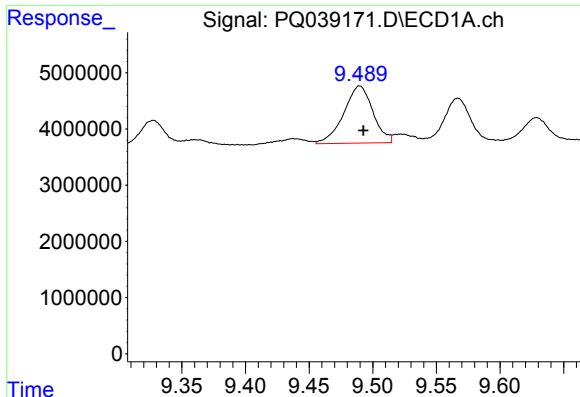
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 9.052 min
Response: 0
Conc: N.D.



#29 AR-1254-4

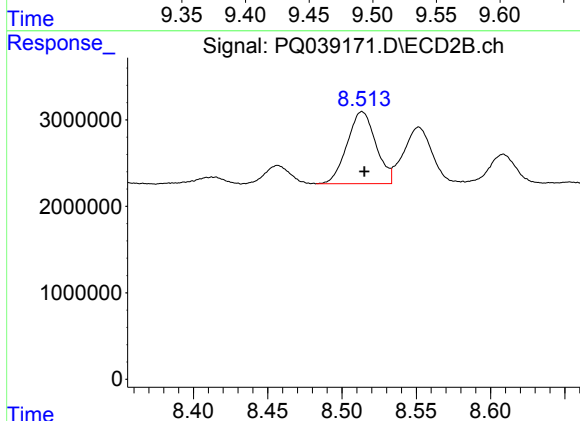
R.T.: 8.098 min
Delta R.T.: 0.029 min
Response: 1805142
Conc: 9.84 ng/ml



#30 AR-1254-5

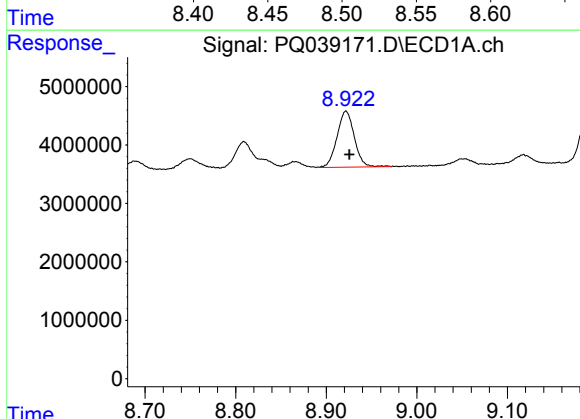
R.T.: 9.490 min
Delta R.T.: -0.003 min
Response: 16257957
Conc: 57.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



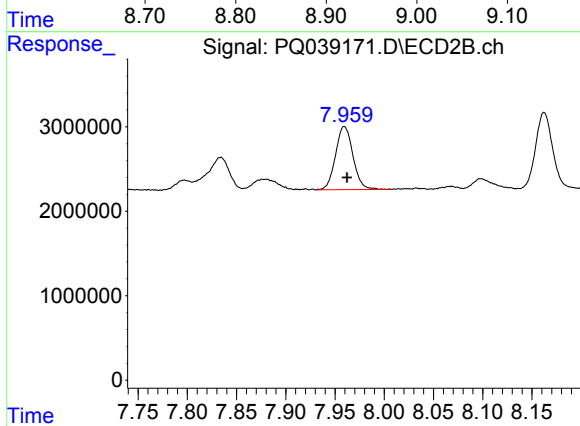
#30 AR-1254-5

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 11226209
Conc: 42.91 ng/ml



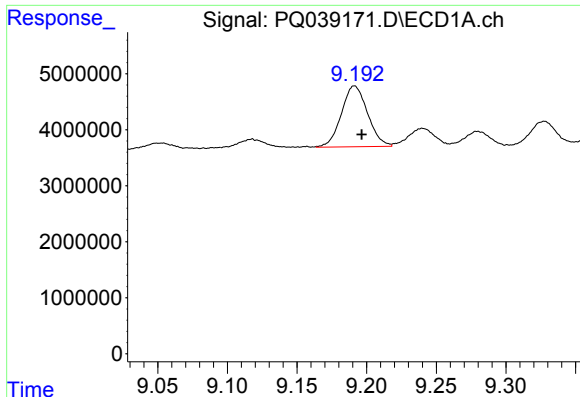
#31 AR-1260-1

R.T.: 8.922 min
Delta R.T.: -0.004 min
Response: 12749973
Conc: 56.30 ng/ml



#31 AR-1260-1

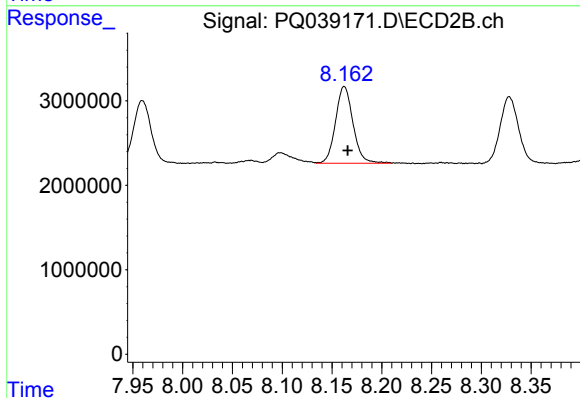
R.T.: 7.959 min
Delta R.T.: -0.003 min
Response: 9237867
Conc: 54.41 ng/ml



#32 AR-1260-2

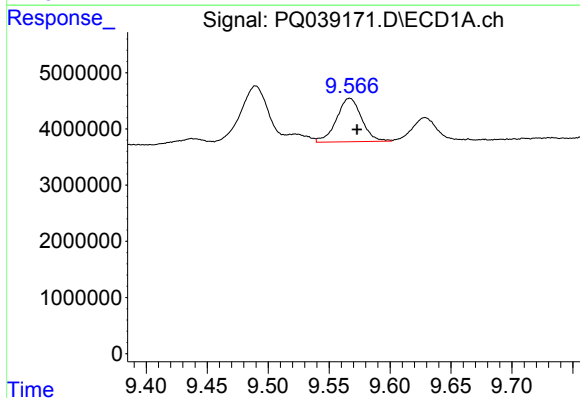
R.T.: 9.191 min
Delta R.T.: -0.005 min
Response: 14234524
Conc: 51.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



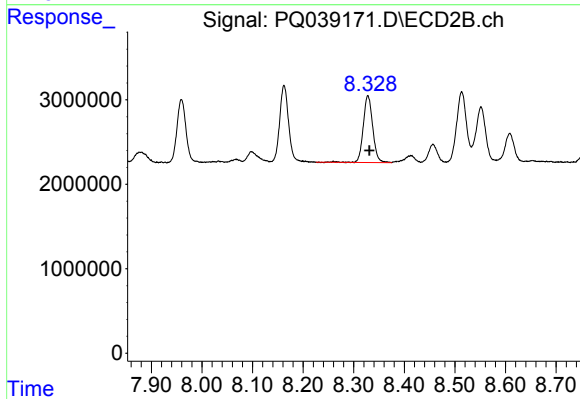
#32 AR-1260-2

R.T.: 8.162 min
Delta R.T.: -0.003 min
Response: 11070466
Conc: 54.00 ng/ml



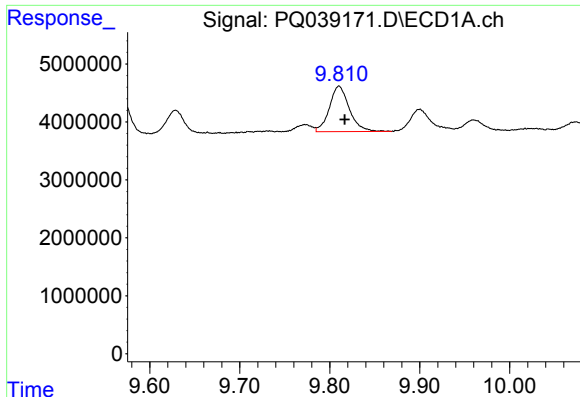
#33 AR-1260-3

R.T.: 9.567 min
Delta R.T.: -0.006 min
Response: 11075428
Conc: 49.64 ng/ml



#33 AR-1260-3

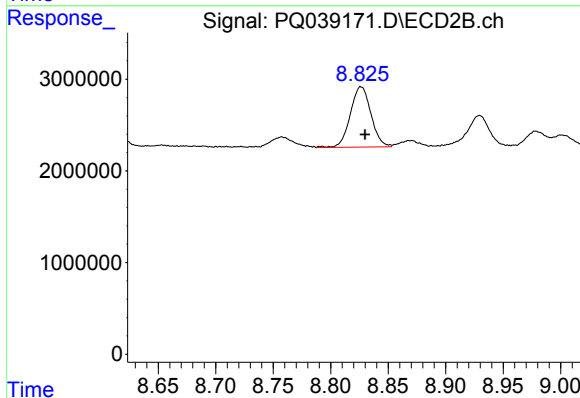
R.T.: 8.328 min
Delta R.T.: -0.003 min
Response: 10283292
Conc: 52.73 ng/ml



#34 AR-1260-4

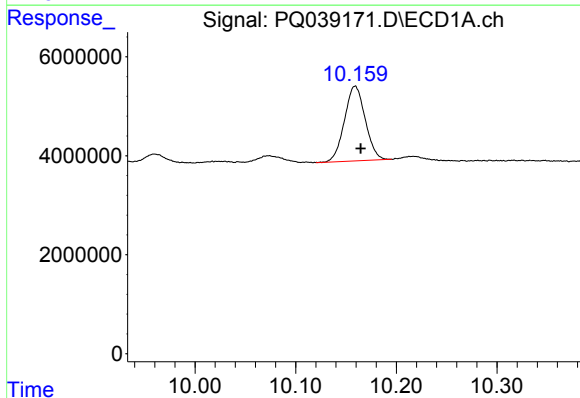
R.T.: 9.810 min
Delta R.T.: -0.006 min
Response: 12040824
Conc: 45.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



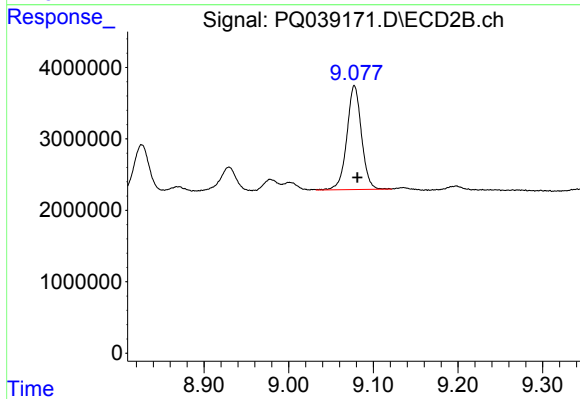
#34 AR-1260-4

R.T.: 8.826 min
Delta R.T.: -0.003 min
Response: 8206176
Conc: 49.49 ng/ml



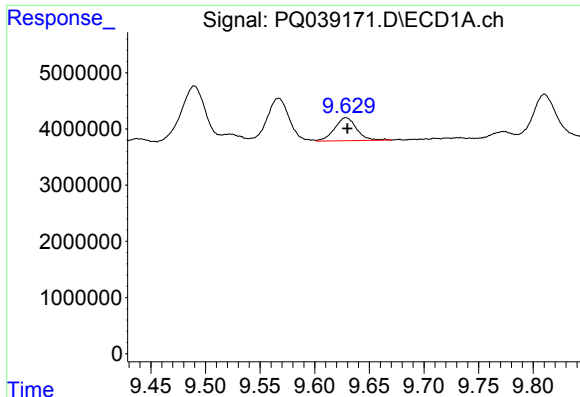
#35 AR-1260-5

R.T.: 10.159 min
Delta R.T.: -0.006 min
Response: 21664554
Conc: 42.26 ng/ml



#35 AR-1260-5

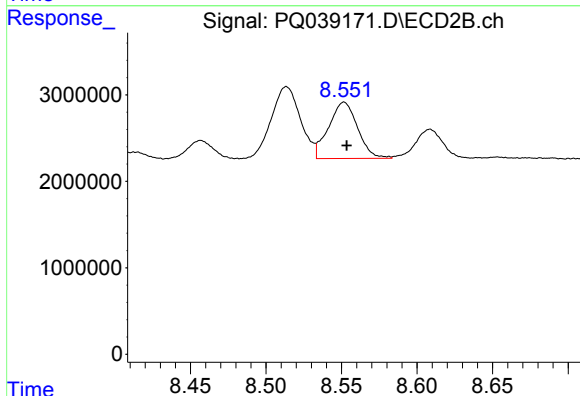
R.T.: 9.078 min
Delta R.T.: -0.004 min
Response: 17408546
Conc: 42.61 ng/ml



#36 AR-1262-1

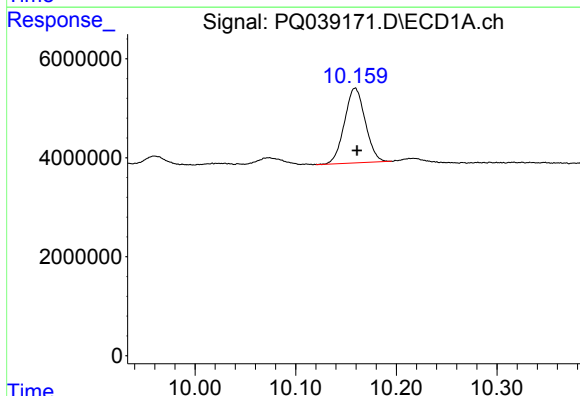
R.T.: 9.629 min
Delta R.T.: -0.001 min
Response: 5759245
Conc: 41.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



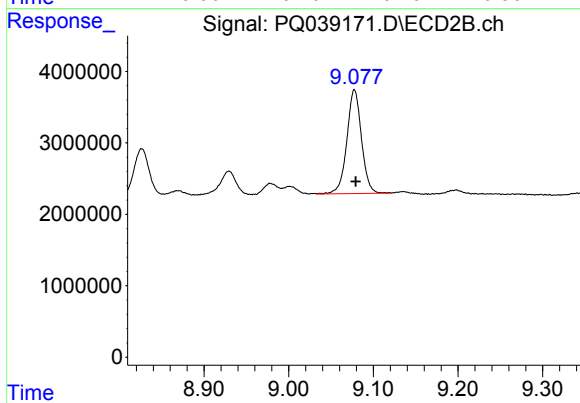
#36 AR-1262-1

R.T.: 8.552 min
Delta R.T.: -0.002 min
Response: 8706304
Conc: 32.17 ng/ml



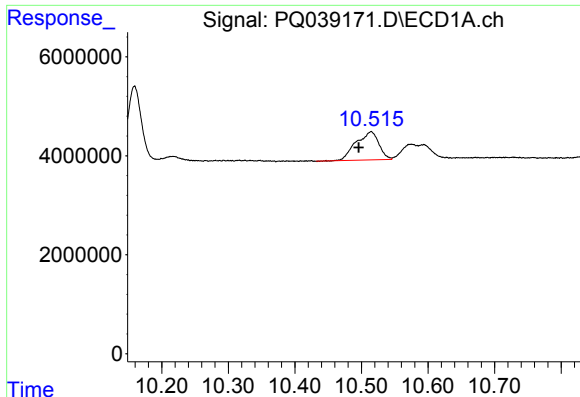
#37 AR-1262-2

R.T.: 10.159 min
Delta R.T.: -0.002 min
Response: 21664554
Conc: 34.40 ng/ml



#37 AR-1262-2

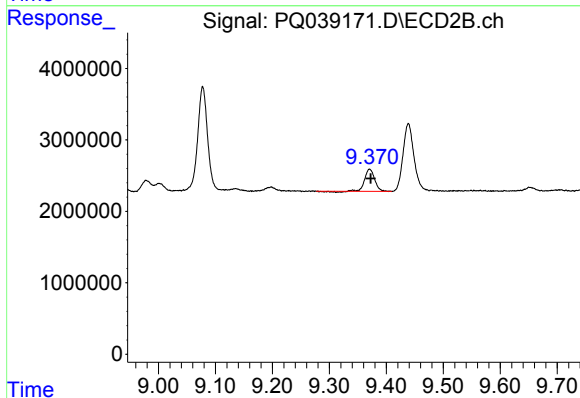
R.T.: 9.078 min
Delta R.T.: -0.001 min
Response: 17408546
Conc: 34.28 ng/ml



#38 AR-1262-3

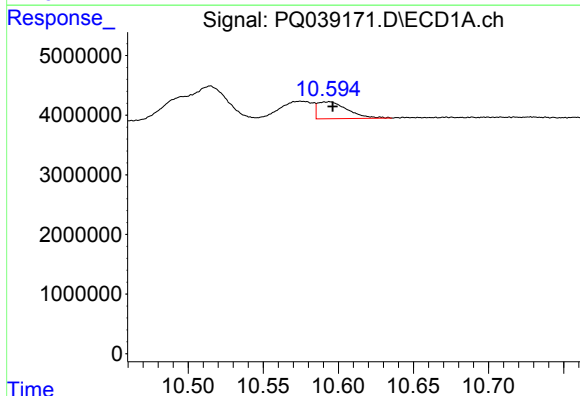
R.T.: 10.515 min
Delta R.T.: 0.018 min
Response: 13590316
Conc: 31.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



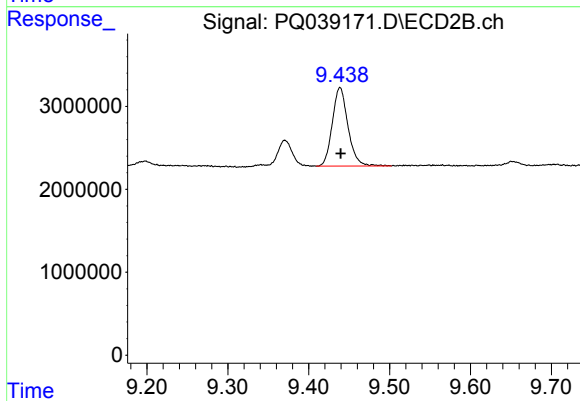
#38 AR-1262-3

R.T.: 9.371 min
Delta R.T.: -0.002 min
Response: 3685266
Conc: 19.40 ng/ml



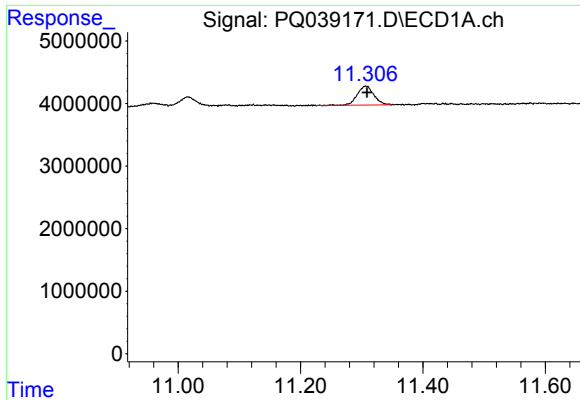
#39 AR-1262-4

R.T.: 10.594 min
Delta R.T.: -0.003 min
Response: 3931039
Conc: 11.56 ng/ml



#39 AR-1262-4

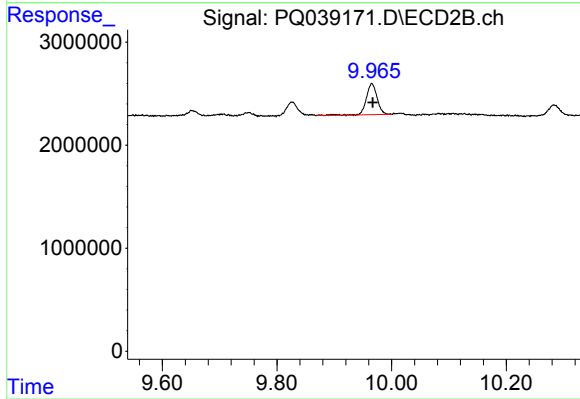
R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 12774132
Conc: 34.42 ng/ml



#40 AR-1262-5

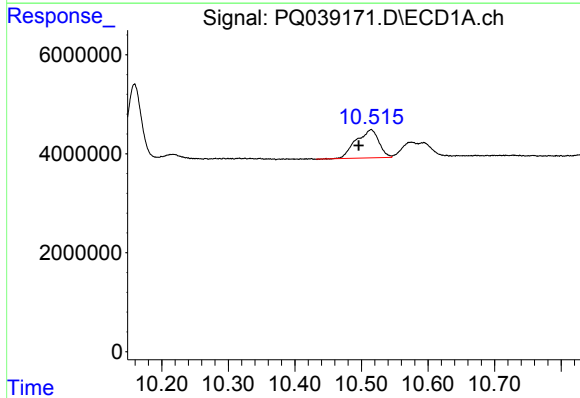
R.T.: 11.307 min
Delta R.T.: -0.002 min
Response: 5717686
Conc: 24.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



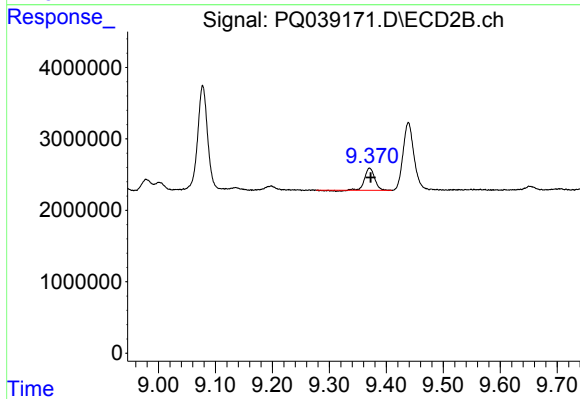
#40 AR-1262-5

R.T.: 9.966 min
Delta R.T.: -0.001 min
Response: 3977594
Conc: 25.36 ng/ml



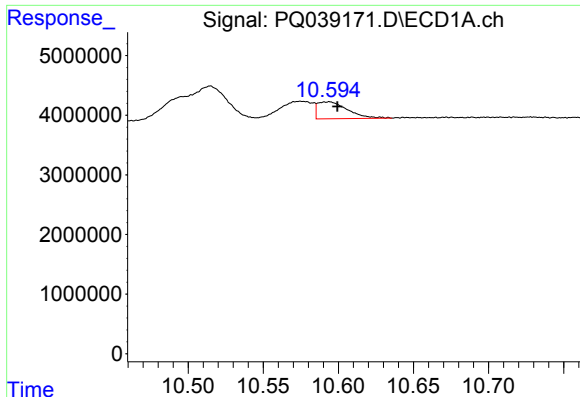
#41 AR-1268-1

R.T.: 10.515 min
Delta R.T.: 0.019 min
Response: 13590316
Conc: 18.02 ng/ml



#41 AR-1268-1

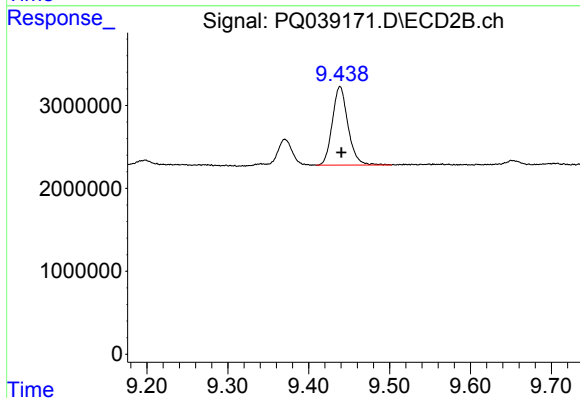
R.T.: 9.371 min
Delta R.T.: -0.002 min
Response: 3685266
Conc: 6.41 ng/ml



#42 AR-1268-2

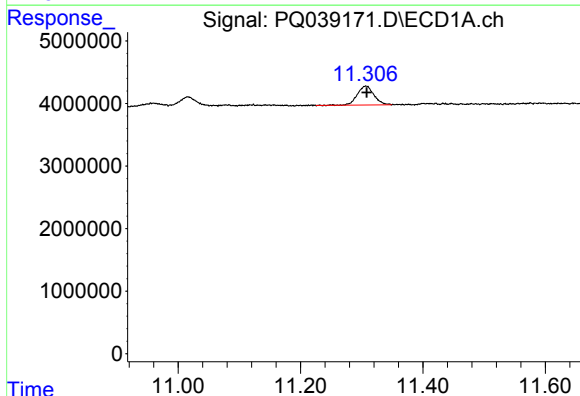
R.T.: 10.594 min
Delta R.T.: -0.006 min
Response: 3931039
Conc: 5.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



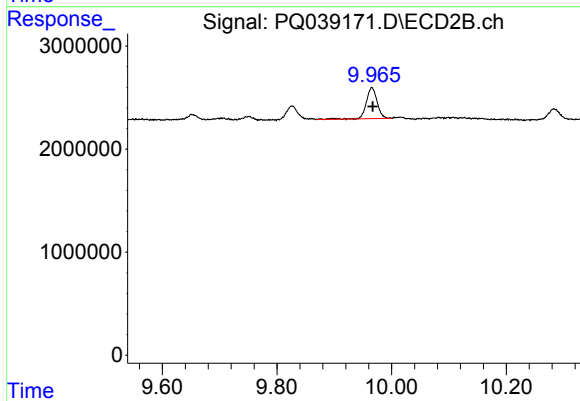
#42 AR-1268-2

R.T.: 9.439 min
Delta R.T.: -0.001 min
Response: 12774132
Conc: 23.73 ng/ml



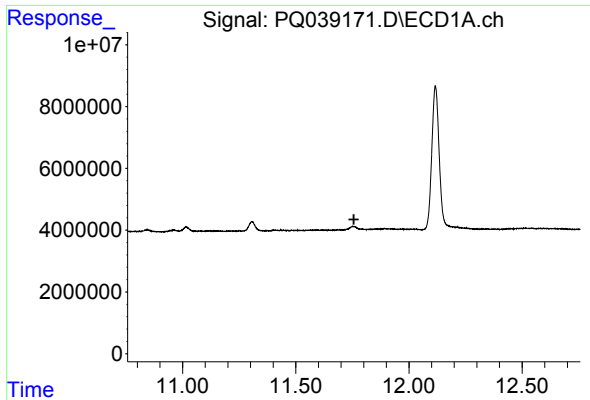
#44 AR-1268-4

R.T.: 11.307 min
Delta R.T.: -0.001 min
Response: 5717686
Conc: 23.07 ng/ml



#44 AR-1268-4

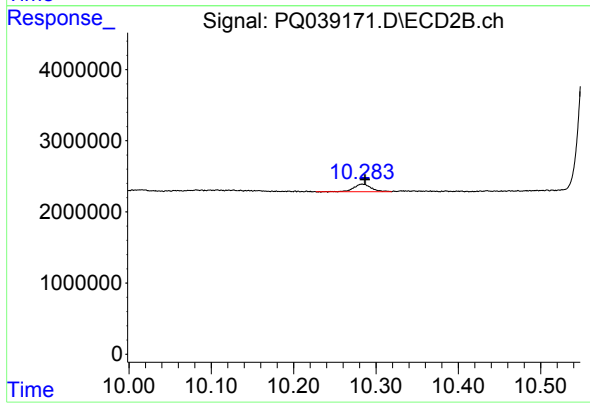
R.T.: 9.966 min
Delta R.T.: -0.001 min
Response: 3977594
Conc: 22.59 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.283 min
Delta R.T.: -0.004 min
Response: 1555991
Conc: 1.12 ng/ml