

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032519\
 Data File : PQ038329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2019 23:48
 Operator : SM\SJ
 Sample : K2031-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5X6

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 00:54:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 05:45:22 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...	4.723	4.002	115.3E6	50577352	27.973	29.967
2)	SA Decachlor...	10.682	9.145	228.3E6	101.3E6	41.963	42.826
Target Compounds							
3)	L1 AR-1016-1	5.929	5.131	9359748	5202652	39.195	48.696
4)	L1 AR-1016-2	5.929	5.161	9359748	954366	25.783	6.161 #
5)	L1 AR-1016-3	5.929	5.349	9359748	6821812	42.049	85.077 #
6)	L1 AR-1016-4	6.091	5.349	6040133	6821812	32.764	107.439 #
7)	L1 AR-1016-5	6.387	5.568	14374093	6285846	77.873	71.766
9)	L2 AR-1221-2	5.037	4.310	1253031	683176	32.837	41.038
10)	L2 AR-1221-3	5.037	4.432	1253031	971513	9.610	17.078 #
11)	L3 AR-1232-1	5.037	4.432	1253031	971513	13.035	23.762 #
12)	L3 AR-1232-2	5.637	5.161	1565303	954366	30.218	21.384 #
13)	L3 AR-1232-3	5.929	5.314	9359748	2852917	88.190	118.570 #
14)	L3 AR-1232-4	6.091	5.425	6040133	2893154	113.985	128.097
15)	L3 AR-1232-5	6.179	5.568	16120984	6285846	396.246	259.698 #
16)	L4 AR-1242-1	5.929	5.131	9359748	5202652	61.151	73.886
17)	L4 AR-1242-2	5.929	5.161	9359748	954366	40.966	9.472 #
18)	L4 AR-1242-3	5.929	5.314	9359748	2852917	65.209	53.292
19)	L4 AR-1242-4	6.091	5.425	6040133	2893154	52.367	53.301
20)	L4 AR-1242-5	6.833	5.922	16378232	12710431	123.303	172.911 #
21)	L5 AR-1248-1	5.929	5.131	9359748	5202652	86.995	103.678
22)	L5 AR-1248-2	6.179	5.349	16120984	6821812	98.890	95.732
23)	L5 AR-1248-3	6.387	5.425	14374093	2893154	78.595	39.496 #
24)	L5 AR-1248-4	6.792	5.568	8588052	6285846	40.962	69.517 #
25)	L5 AR-1248-5	6.833	5.964	16378232	5956943	81.262	66.396
26)	L6 AR-1254-1	6.766	5.922	21758052	12710431	90.608	79.055
27)	L6 AR-1254-2	6.985	6.093	45938525	-316158	121.806	N.D. #
28)	L6 AR-1254-3	7.356	6.479	42304845	27078528	104.204	112.624
29)	L6 AR-1254-4	7.641	6.730	29244371	2199252	103.893	14.191 #
30)	L6 AR-1254-5	8.063	7.160	48987836	6907053	151.766	34.071 #
31)	L7 AR-1260-1	7.517	6.609	24304102	13853335	57.124	67.758
32)	L7 AR-1260-2	7.771	6.834	40135176	647580	78.183	2.528 #
33)	L7 AR-1260-3	8.135	6.953	13886787	9732130	35.899	40.682
34)	L7 AR-1260-4	8.370	7.470	28578489	10039473	62.653	50.721
35)	L7 AR-1260-5	8.720	7.664	20705377	19615348	21.865	39.894 #
36)	L8 AR-1262-1	8.135	7.160	13886787	6907053	35.033	32.077
37)	L8 AR-1262-2	8.720	7.664	20705377	19615348	29.028	50.348 #
38)	L8 AR-1262-3	9.072	7.952	16485436	4351667	34.441	29.229
39)	L8 AR-1262-4	9.153	8.016	12483003	13231606	32.984	46.420 #
40)	L8 AR-1262-5	9.863	8.538	8367907	4890856	34.048	41.380
41)	L9 AR-1268-1	9.072	7.952	16485436	4351667	10.397	5.434 #
42)	L9 AR-1268-2	9.153	8.016	12483003	13231606	8.590	18.229 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
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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
43) L9	AR-1268-3	9.399	8.232	2660808	1696767	2.064	2.697 #
44) L9	AR-1268-4	9.863	8.538	8367907	4890856	17.519	20.772
45) L9	AR-1268-5	10.314	8.859	8501276	4539018	1.973	2.357

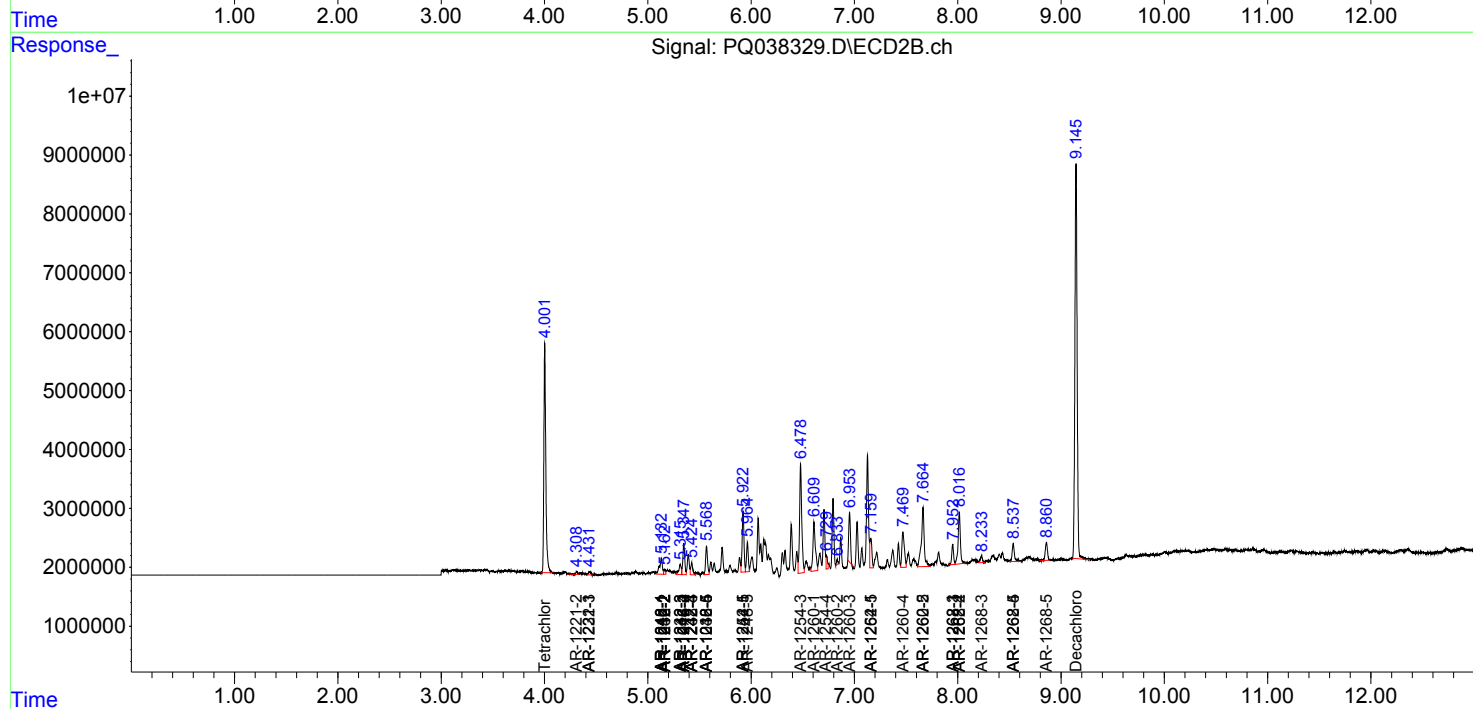
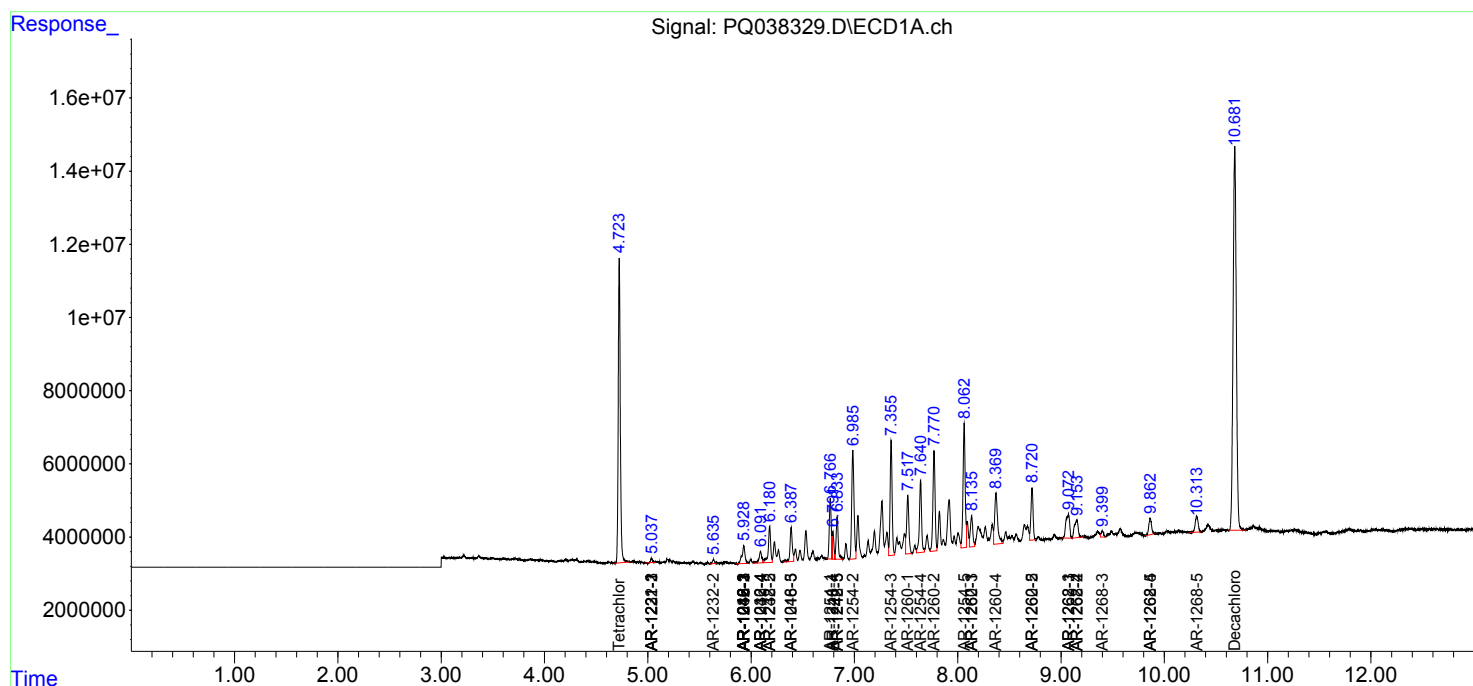
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

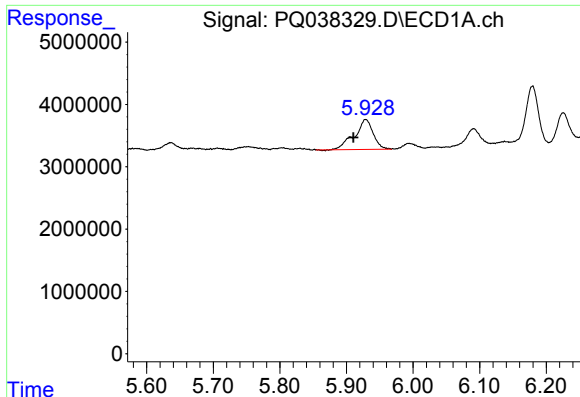
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032519\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 05:45:22 2019
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Integrator: 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

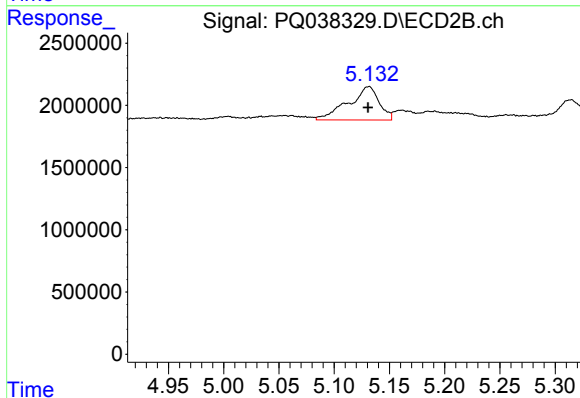




#3 AR-1016-1

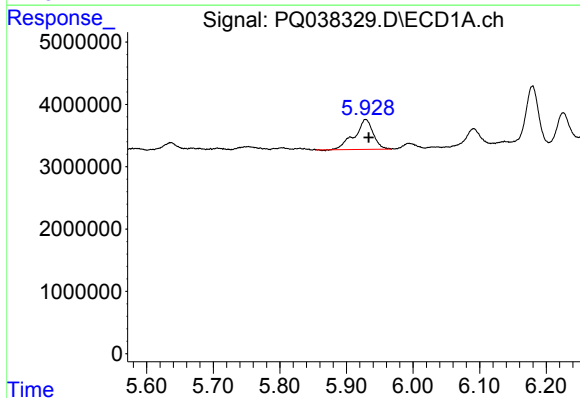
R.T.: 5.929 min
Delta R.T.: 0.019 min
Response: 9359748
Conc: 39.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



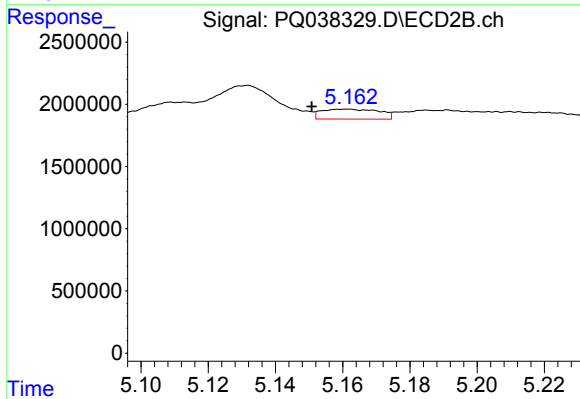
#3 AR-1016-1

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 5202652
Conc: 48.70 ng/ml



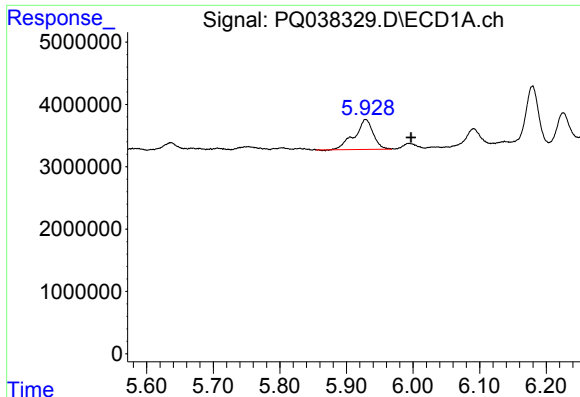
#4 AR-1016-2

R.T.: 5.929 min
Delta R.T.: -0.005 min
Response: 9359748
Conc: 25.78 ng/ml



#4 AR-1016-2

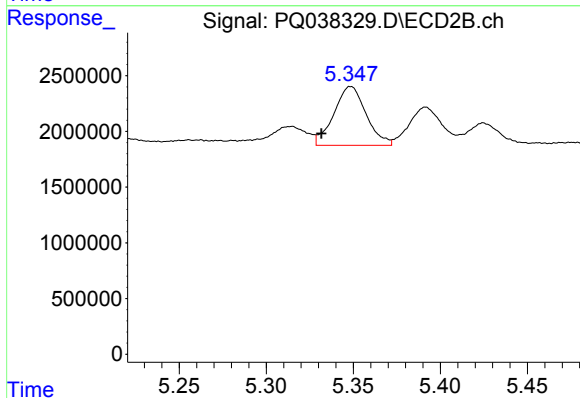
R.T.: 5.161 min
Delta R.T.: 0.010 min
Response: 954366
Conc: 6.16 ng/ml



#5 AR-1016-3

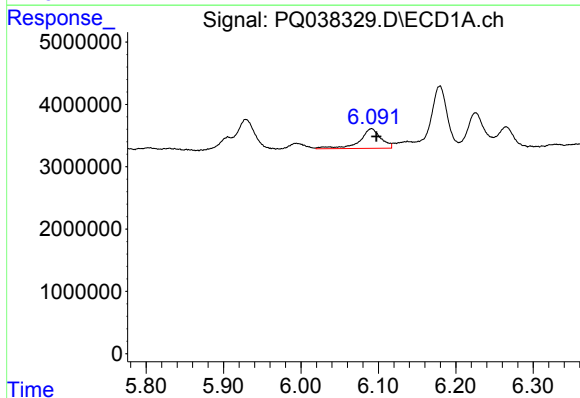
R.T.: 5.929 min
Delta R.T.: -0.068 min
Response: 9359748
Conc: 42.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



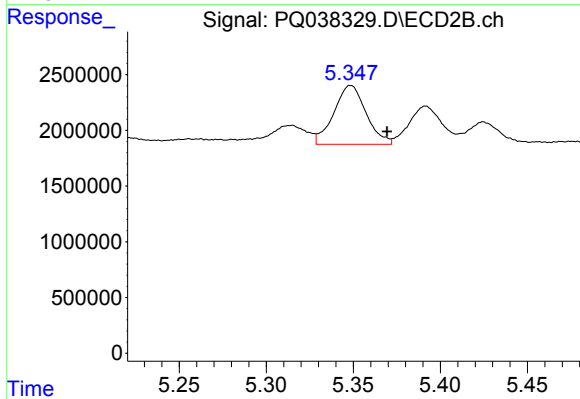
#5 AR-1016-3

R.T.: 5.349 min
Delta R.T.: 0.017 min
Response: 6821812
Conc: 85.08 ng/ml



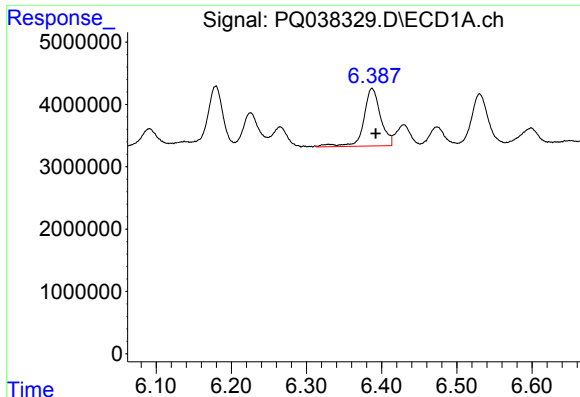
#6 AR-1016-4

R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 6040133
Conc: 32.76 ng/ml



#6 AR-1016-4

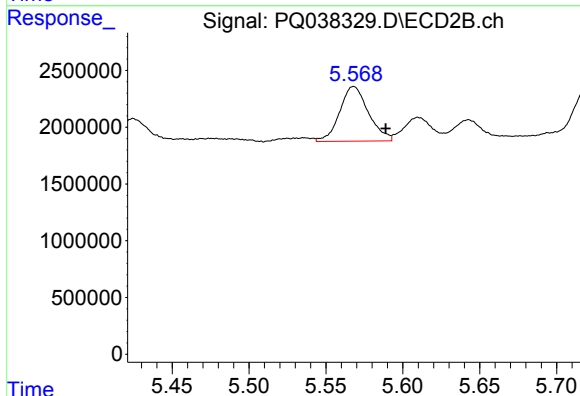
R.T.: 5.349 min
Delta R.T.: -0.021 min
Response: 6821812
Conc: 107.44 ng/ml



#7 AR-1016-5

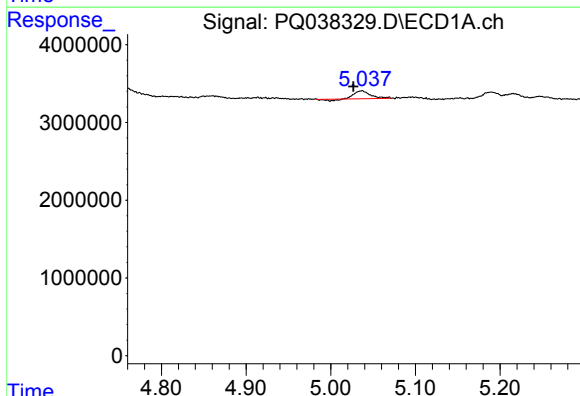
R.T.: 6.387 min
Delta R.T.: -0.005 min
Response: 14374093
Conc: 77.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



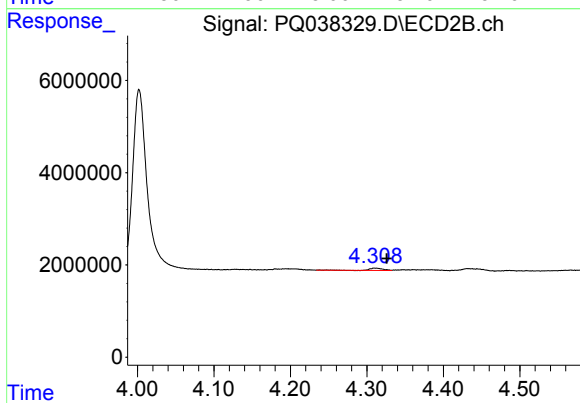
#7 AR-1016-5

R.T.: 5.568 min
Delta R.T.: -0.021 min
Response: 6285846
Conc: 71.77 ng/ml



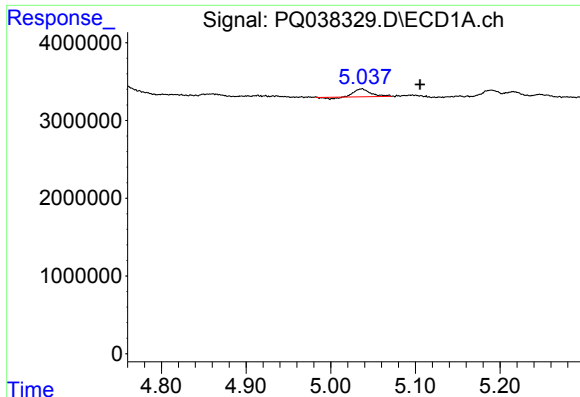
#9 AR-1221-2

R.T.: 5.037 min
Delta R.T.: 0.010 min
Response: 1253031
Conc: 32.84 ng/ml



#9 AR-1221-2

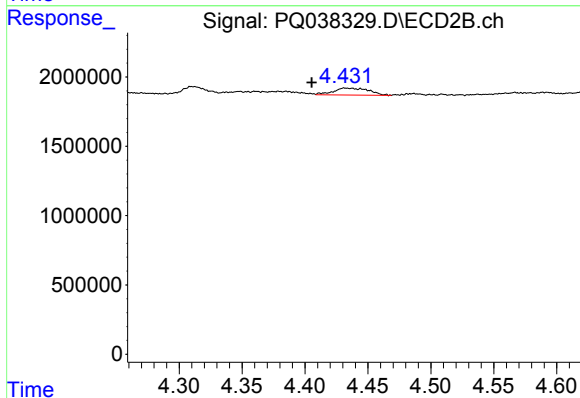
R.T.: 4.310 min
Delta R.T.: -0.016 min
Response: 683176
Conc: 41.04 ng/ml



#10 AR-1221-3

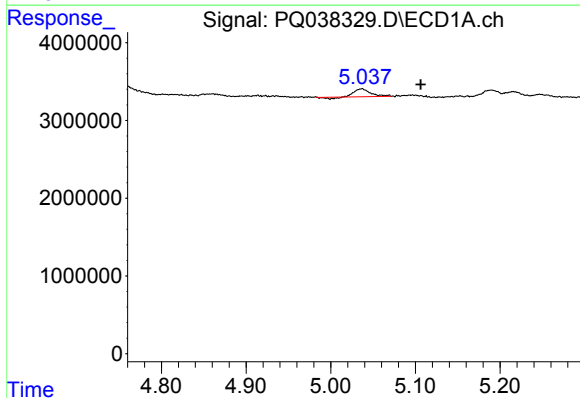
R.T.: 5.037 min
Delta R.T.: -0.069 min
Response: 1253031
Conc: 9.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



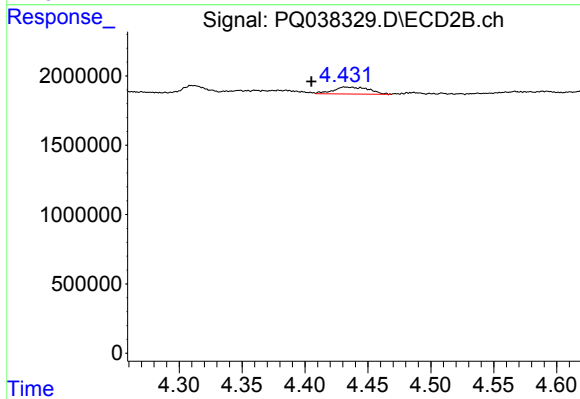
#10 AR-1221-3

R.T.: 4.432 min
Delta R.T.: 0.027 min
Response: 971513
Conc: 17.08 ng/ml



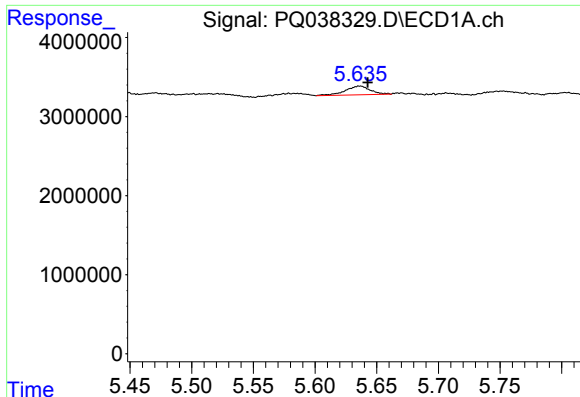
#11 AR-1232-1

R.T.: 5.037 min
Delta R.T.: -0.070 min
Response: 1253031
Conc: 13.03 ng/ml



#11 AR-1232-1

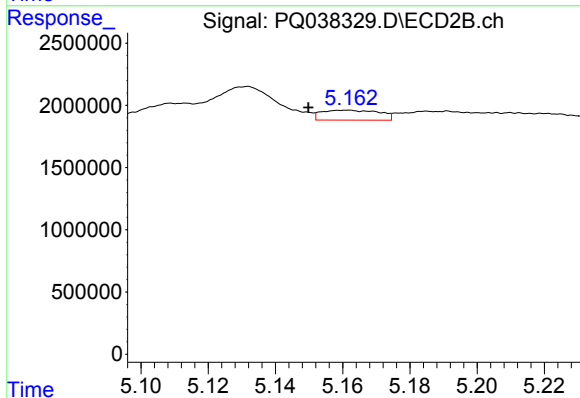
R.T.: 4.432 min
Delta R.T.: 0.027 min
Response: 971513
Conc: 23.76 ng/ml



#12 AR-1232-2

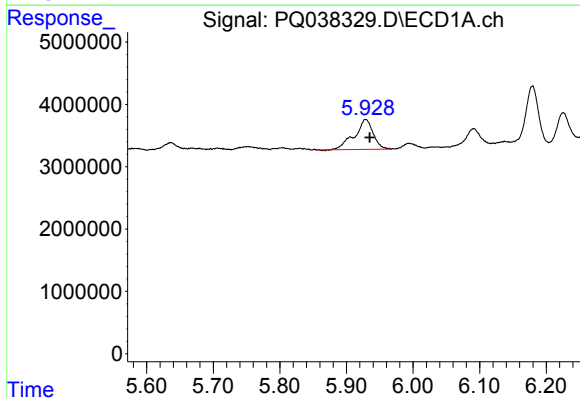
R.T.: 5.637 min
Delta R.T.: -0.006 min
Response: 1565303
Conc: 30.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



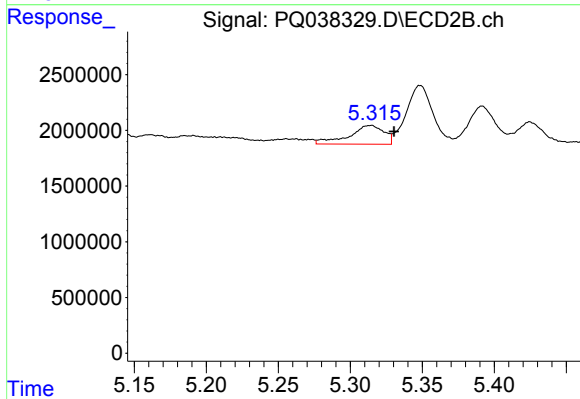
#12 AR-1232-2

R.T.: 5.161 min
Delta R.T.: 0.011 min
Response: 954366
Conc: 21.38 ng/ml



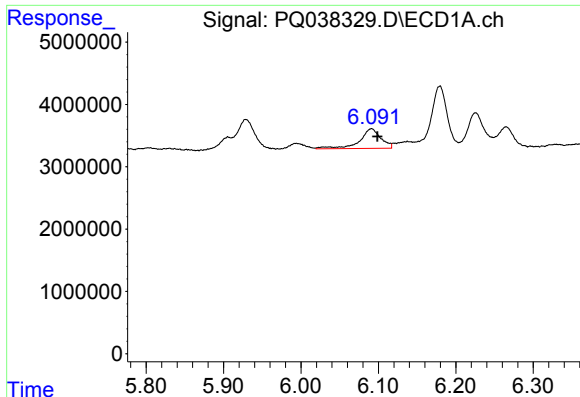
#13 AR-1232-3

R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: 9359748
Conc: 88.19 ng/ml



#13 AR-1232-3

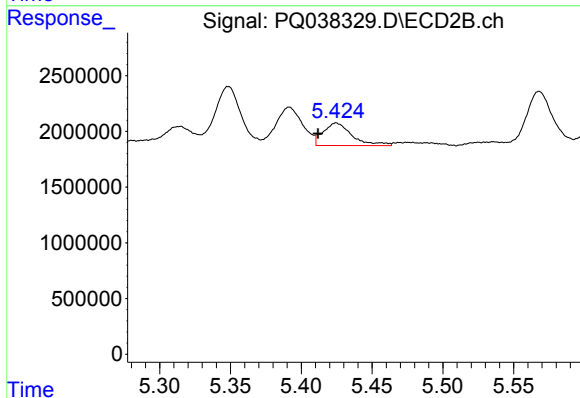
R.T.: 5.314 min
Delta R.T.: -0.016 min
Response: 2852917
Conc: 118.57 ng/ml



#14 AR-1232-4

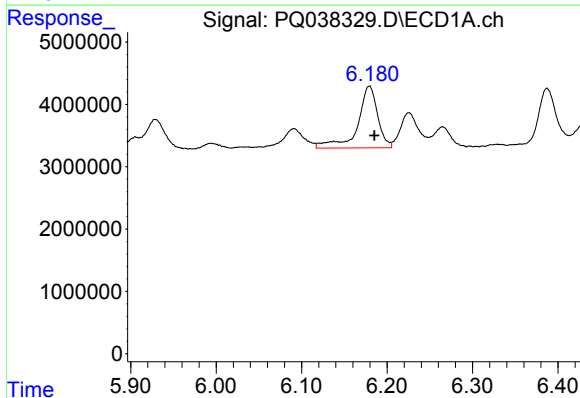
R.T.: 6.091 min
Delta R.T.: -0.008 min
Response: 6040133
Conc: 113.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



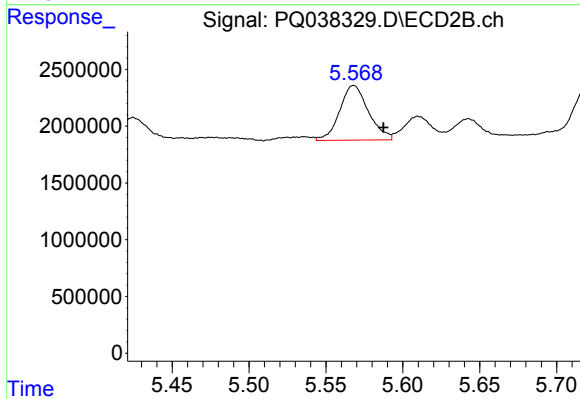
#14 AR-1232-4

R.T.: 5.425 min
Delta R.T.: 0.013 min
Response: 2893154
Conc: 128.10 ng/ml



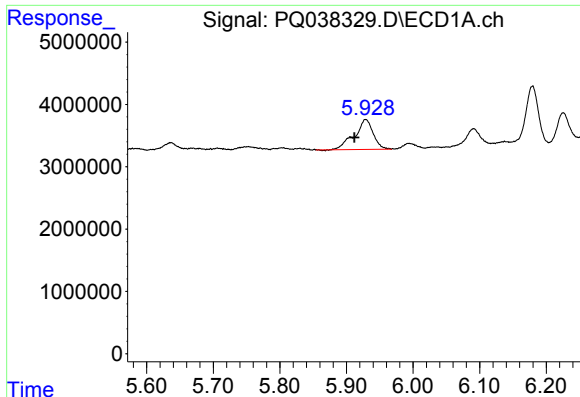
#15 AR-1232-5

R.T.: 6.179 min
Delta R.T.: -0.006 min
Response: 16120984
Conc: 396.25 ng/ml



#15 AR-1232-5

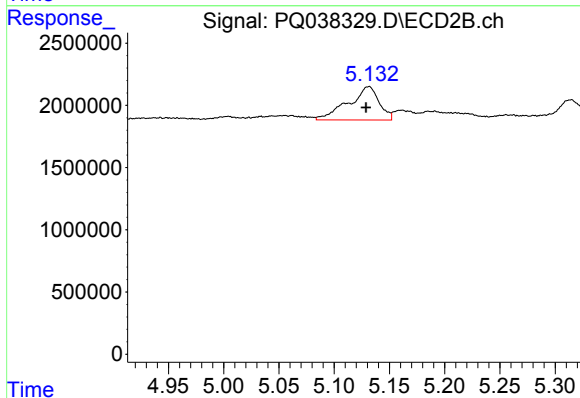
R.T.: 5.568 min
Delta R.T.: -0.019 min
Response: 6285846
Conc: 259.70 ng/ml



#16 AR-1242-1

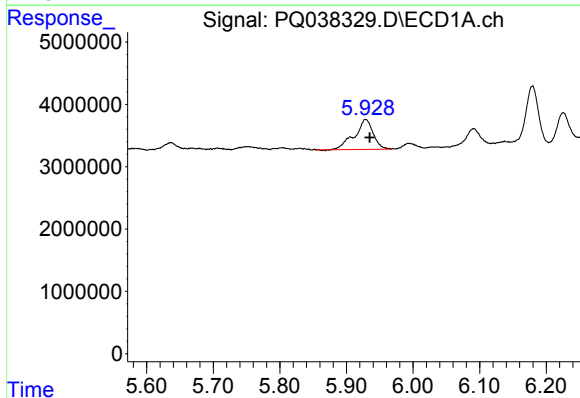
R.T.: 5.929 min
Delta R.T.: 0.017 min
Response: 9359748
Conc: 61.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



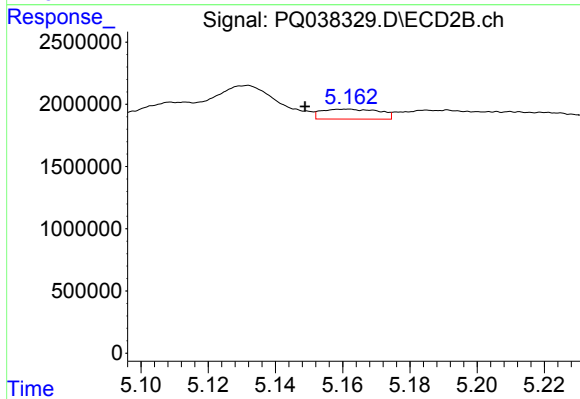
#16 AR-1242-1

R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 5202652
Conc: 73.89 ng/ml



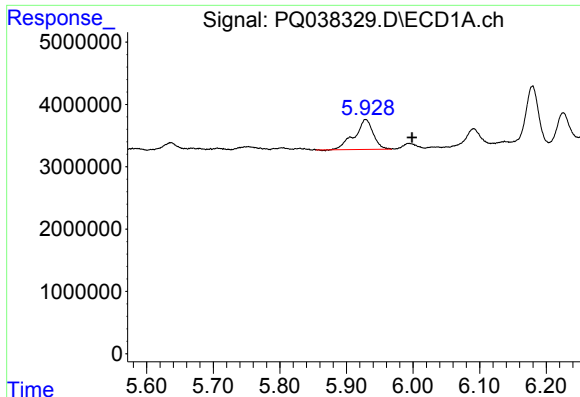
#17 AR-1242-2

R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: 9359748
Conc: 40.97 ng/ml



#17 AR-1242-2

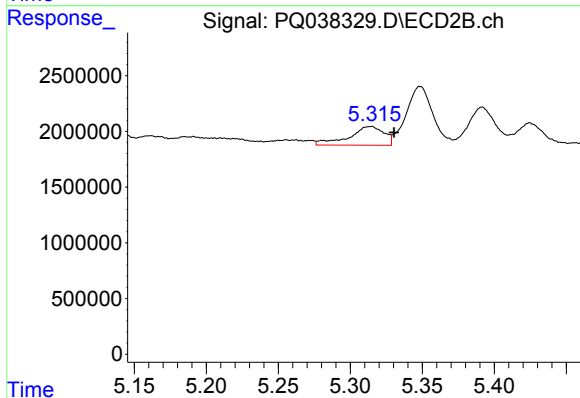
R.T.: 5.161 min
Delta R.T.: 0.012 min
Response: 954366
Conc: 9.47 ng/ml



#18 AR-1242-3

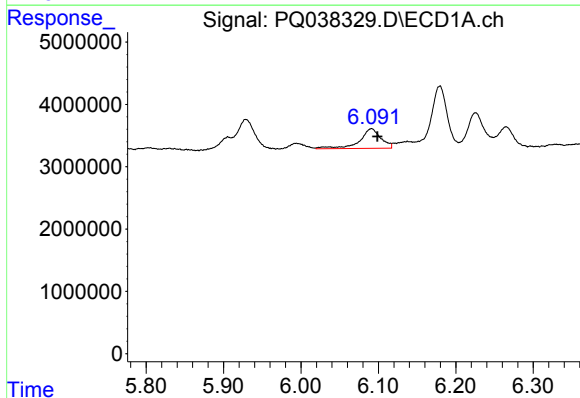
R.T.: 5.929 min
Delta R.T.: -0.070 min
Response: 9359748
Conc: 65.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



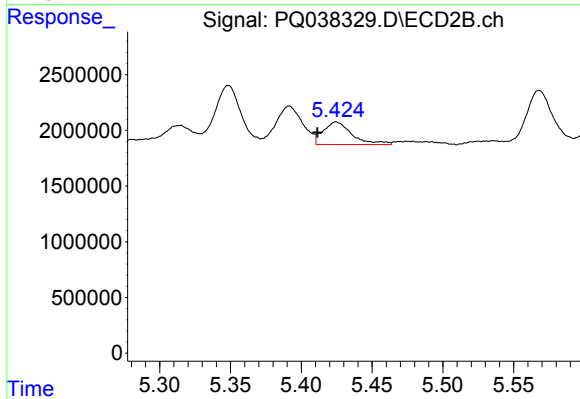
#18 AR-1242-3

R.T.: 5.314 min
Delta R.T.: -0.016 min
Response: 2852917
Conc: 53.29 ng/ml



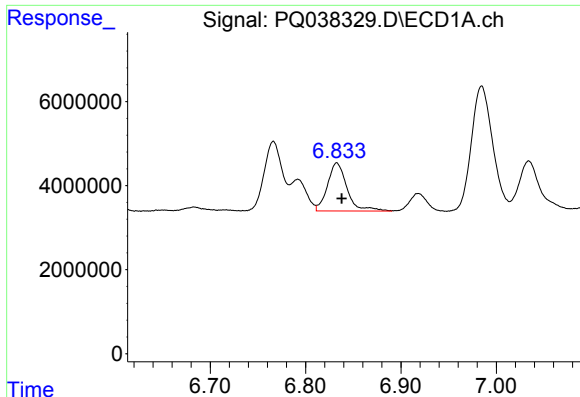
#19 AR-1242-4

R.T.: 6.091 min
Delta R.T.: -0.008 min
Response: 6040133
Conc: 52.37 ng/ml



#19 AR-1242-4

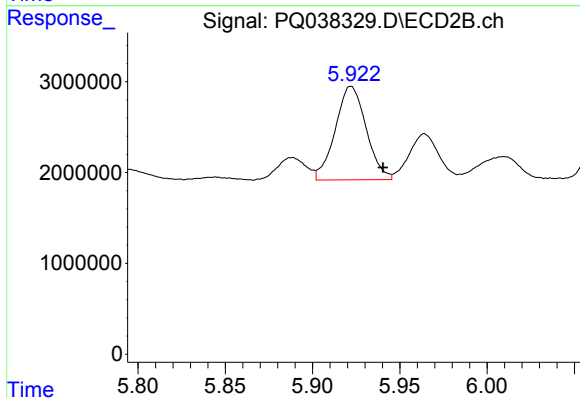
R.T.: 5.425 min
Delta R.T.: 0.013 min
Response: 2893154
Conc: 53.30 ng/ml



#20 AR-1242-5

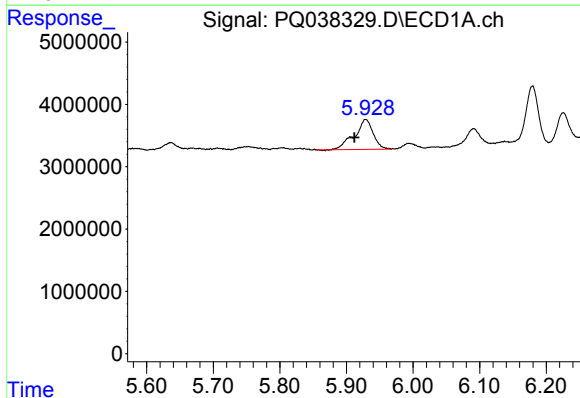
R.T.: 6.833 min
Delta R.T.: -0.005 min
Response: 16378232
Conc: 123.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



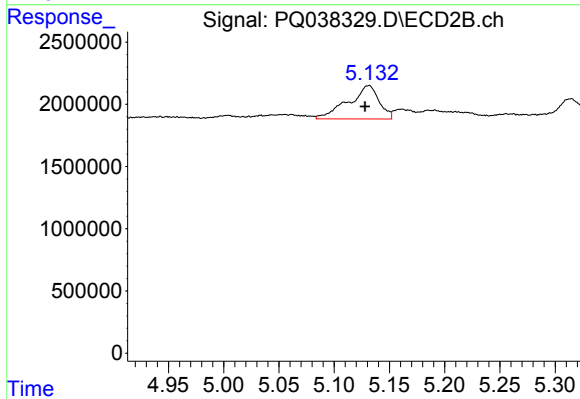
#20 AR-1242-5

R.T.: 5.922 min
Delta R.T.: -0.018 min
Response: 12710431
Conc: 172.91 ng/ml



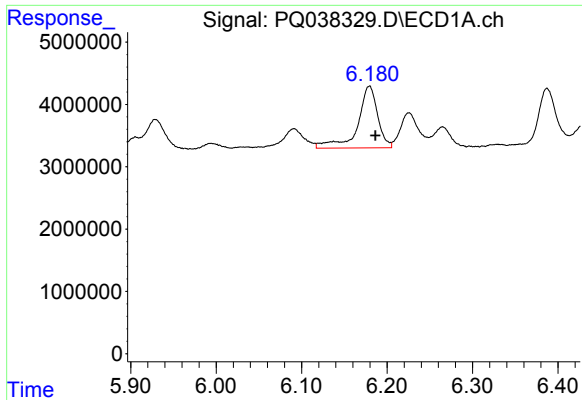
#21 AR-1248-1

R.T.: 5.929 min
Delta R.T.: 0.017 min
Response: 9359748
Conc: 86.99 ng/ml



#21 AR-1248-1

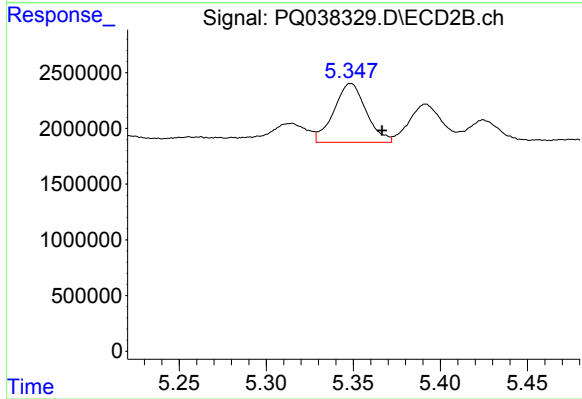
R.T.: 5.131 min
Delta R.T.: 0.003 min
Response: 5202652
Conc: 103.68 ng/ml



#22 AR-1248-2

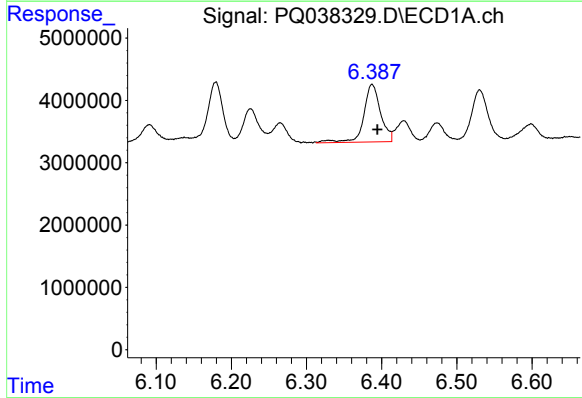
R.T.: 6.179 min
Delta R.T.: -0.007 min
Response: 16120984
Conc: 98.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



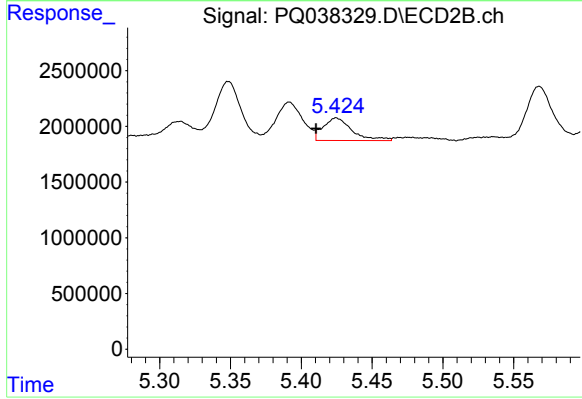
#22 AR-1248-2

R.T.: 5.349 min
Delta R.T.: -0.018 min
Response: 6821812
Conc: 95.73 ng/ml



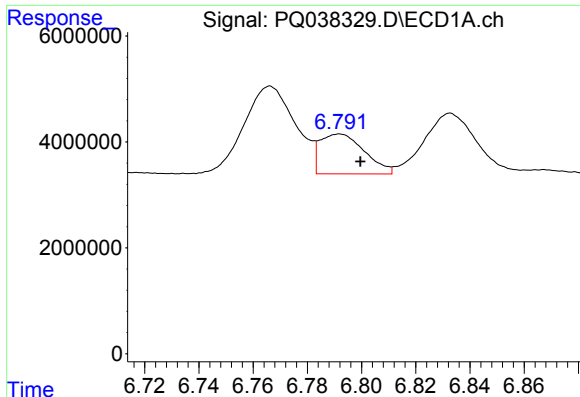
#23 AR-1248-3

R.T.: 6.387 min
Delta R.T.: -0.007 min
Response: 14374093
Conc: 78.59 ng/ml



#23 AR-1248-3

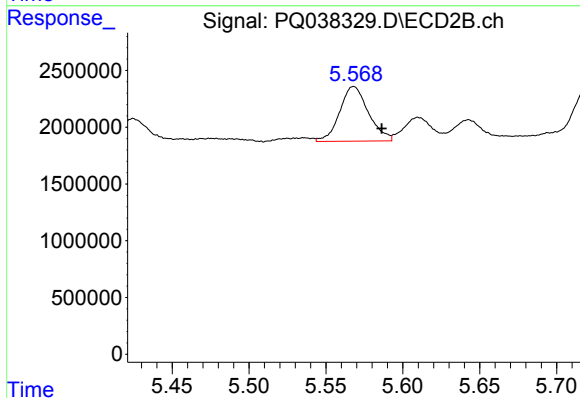
R.T.: 5.425 min
Delta R.T.: 0.014 min
Response: 2893154
Conc: 39.50 ng/ml



#24 AR-1248-4

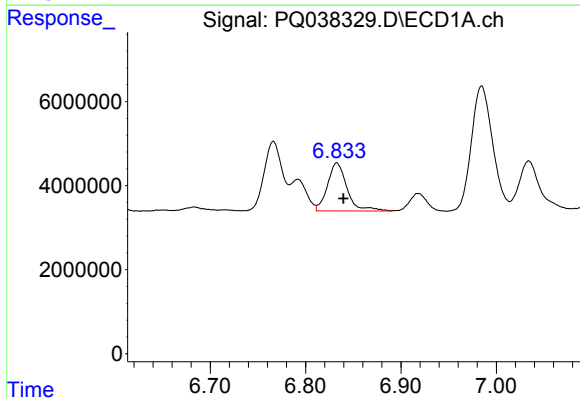
R.T.: 6.792 min
Delta R.T.: -0.008 min
Response: 8588052
Conc: 40.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



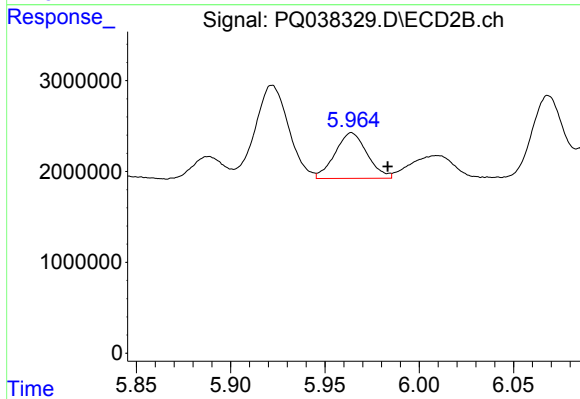
#24 AR-1248-4

R.T.: 5.568 min
Delta R.T.: -0.018 min
Response: 6285846
Conc: 69.52 ng/ml



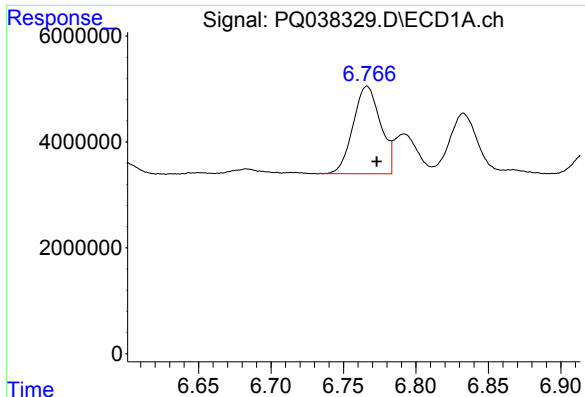
#25 AR-1248-5

R.T.: 6.833 min
Delta R.T.: -0.007 min
Response: 16378232
Conc: 81.26 ng/ml



#25 AR-1248-5

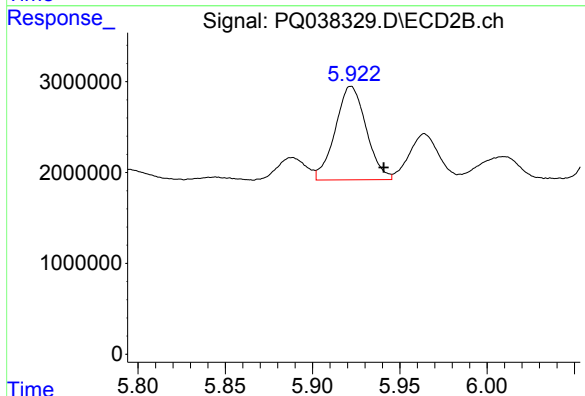
R.T.: 5.964 min
Delta R.T.: -0.019 min
Response: 5956943
Conc: 66.40 ng/ml



#26 AR-1254-1

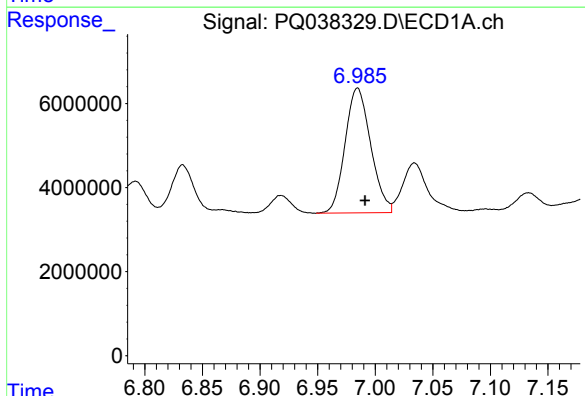
R.T.: 6.766 min
Delta R.T.: -0.007 min
Response: 21758052
Conc: 90.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



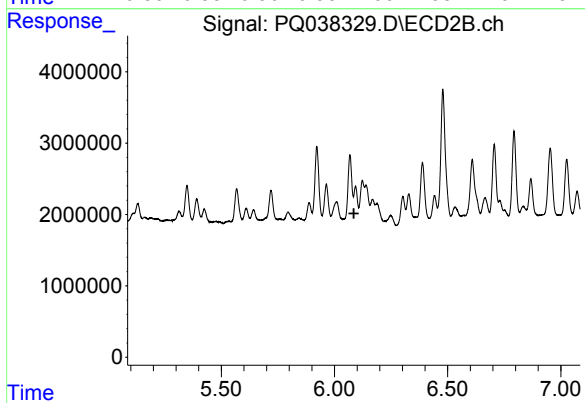
#26 AR-1254-1

R.T.: 5.922 min
Delta R.T.: -0.019 min
Response: 12710431
Conc: 79.05 ng/ml



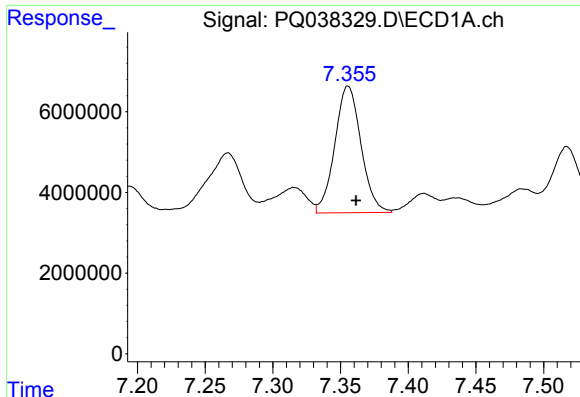
#27 AR-1254-2

R.T.: 6.985 min
Delta R.T.: -0.007 min
Response: 45938525
Conc: 121.81 ng/ml



#27 AR-1254-2

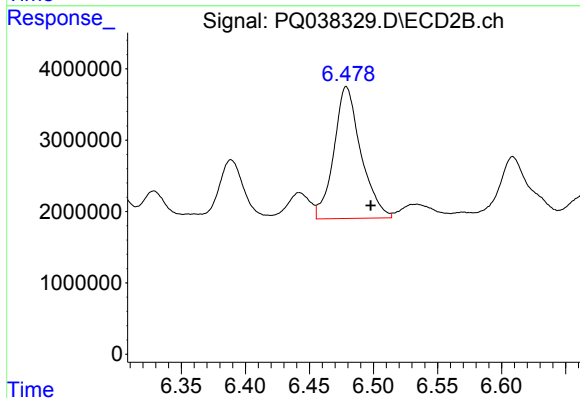
R.T.: 6.093 min
Delta R.T.: 0.007 min
Response: -316158
Conc: N.D.



#28 AR-1254-3

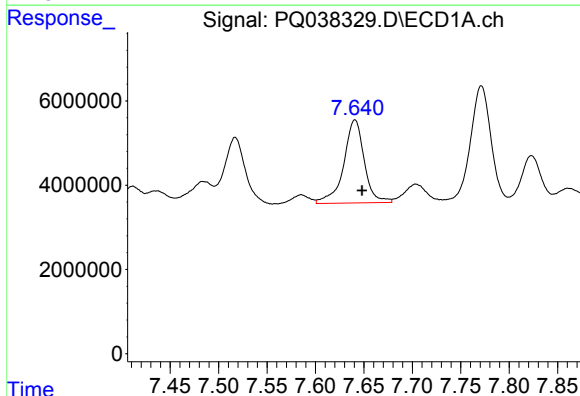
R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 42304845
Conc: 104.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



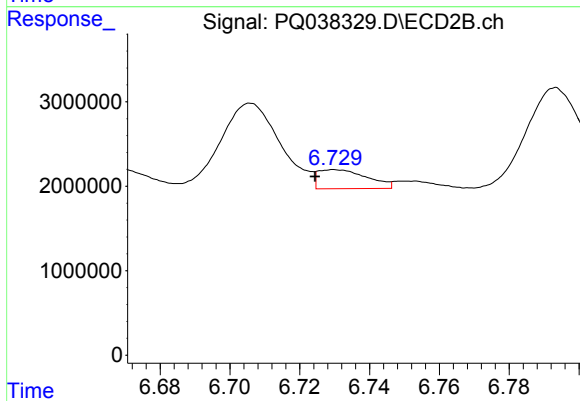
#28 AR-1254-3

R.T.: 6.479 min
Delta R.T.: -0.019 min
Response: 27078528
Conc: 112.62 ng/ml



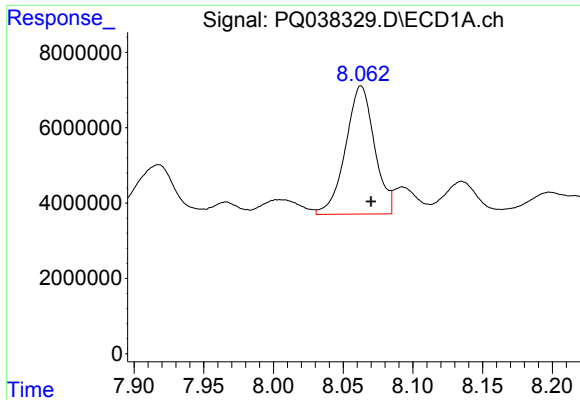
#29 AR-1254-4

R.T.: 7.641 min
Delta R.T.: -0.007 min
Response: 29244371
Conc: 103.89 ng/ml



#29 AR-1254-4

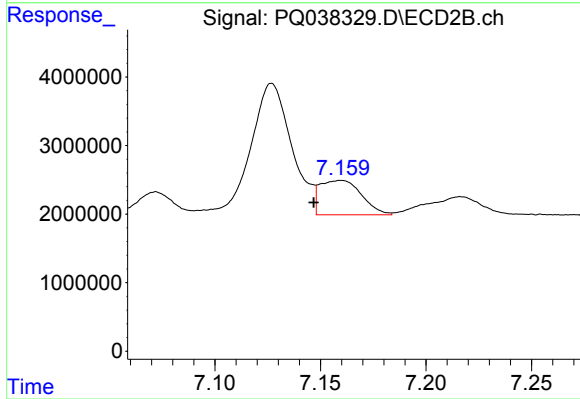
R.T.: 6.730 min
Delta R.T.: 0.006 min
Response: 2199252
Conc: 14.19 ng/ml



#30 AR-1254-5

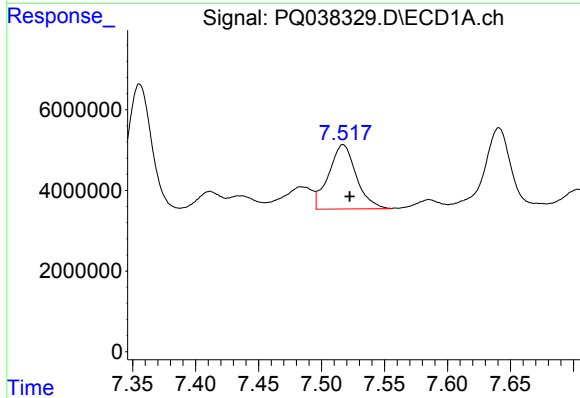
R.T.: 8.063 min
Delta R.T.: -0.007 min
Response: 48987836
Conc: 151.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



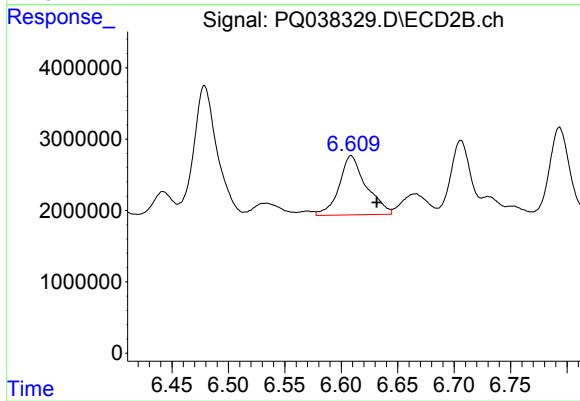
#30 AR-1254-5

R.T.: 7.160 min
Delta R.T.: 0.013 min
Response: 6907053
Conc: 34.07 ng/ml



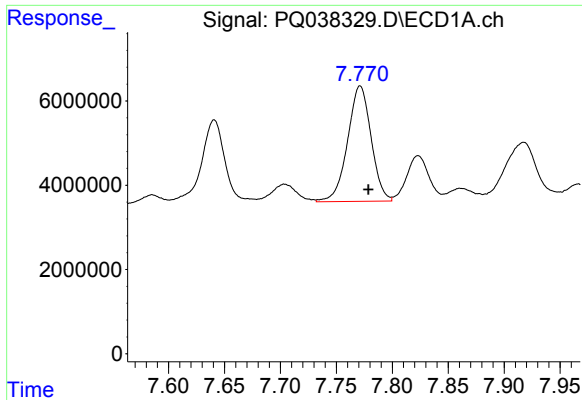
#31 AR-1260-1

R.T.: 7.517 min
Delta R.T.: -0.005 min
Response: 24304102
Conc: 57.12 ng/ml



#31 AR-1260-1

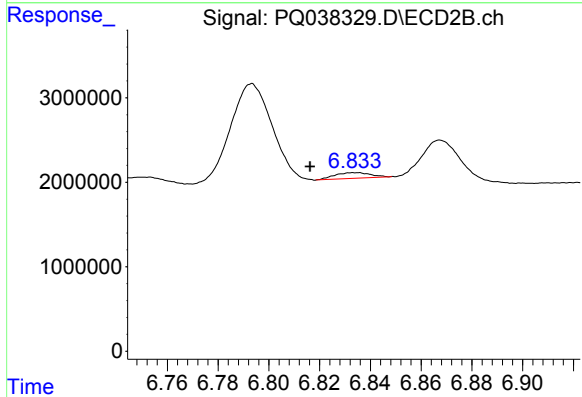
R.T.: 6.609 min
Delta R.T.: -0.023 min
Response: 13853335
Conc: 67.76 ng/ml



#32 AR-1260-2

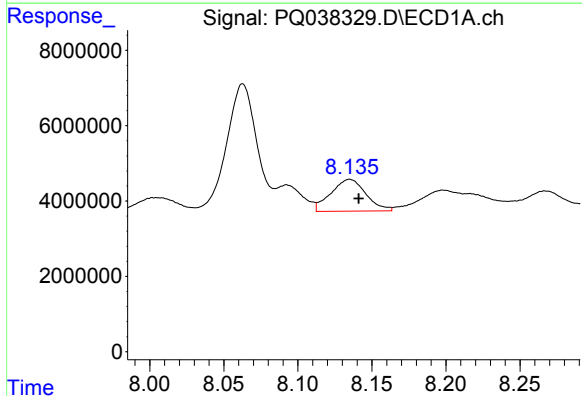
R.T.: 7.771 min
Delta R.T.: -0.007 min
Response: 40135176
Conc: 78.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



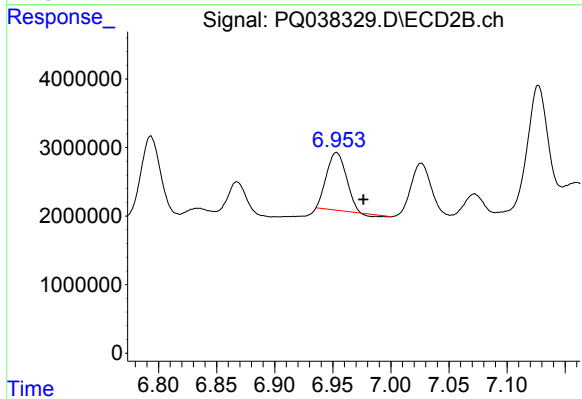
#32 AR-1260-2

R.T.: 6.834 min
Delta R.T.: 0.018 min
Response: 647580
Conc: 2.53 ng/ml



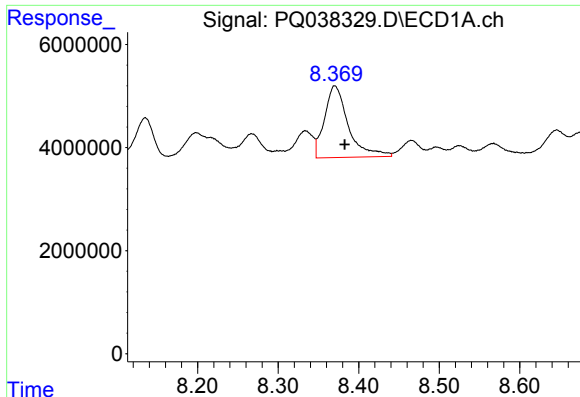
#33 AR-1260-3

R.T.: 8.135 min
Delta R.T.: -0.006 min
Response: 13886787
Conc: 35.90 ng/ml



#33 AR-1260-3

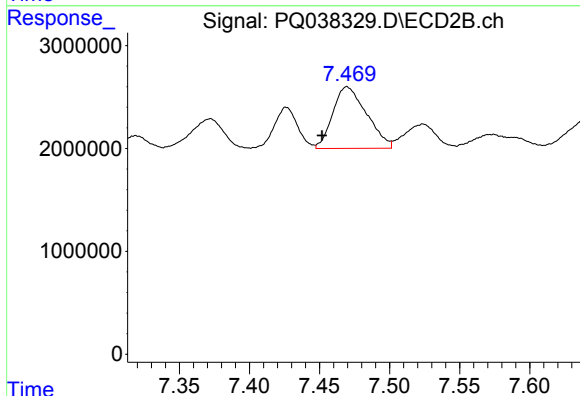
R.T.: 6.953 min
Delta R.T.: -0.023 min
Response: 9732130
Conc: 40.68 ng/ml



#34 AR-1260-4

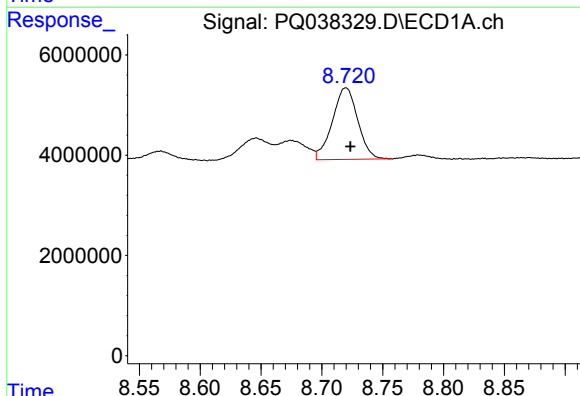
R.T.: 8.370 min
Delta R.T.: -0.012 min
Response: 28578489
Conc: 62.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



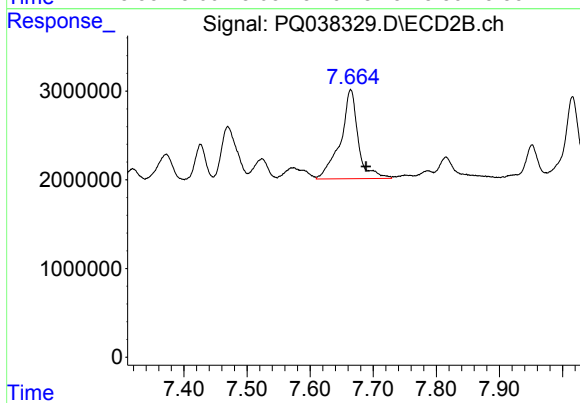
#34 AR-1260-4

R.T.: 7.470 min
Delta R.T.: 0.018 min
Response: 10039473
Conc: 50.72 ng/ml



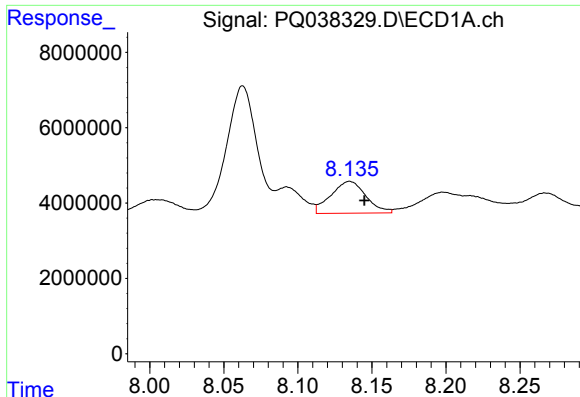
#35 AR-1260-5

R.T.: 8.720 min
Delta R.T.: -0.004 min
Response: 20705377
Conc: 21.87 ng/ml



#35 AR-1260-5

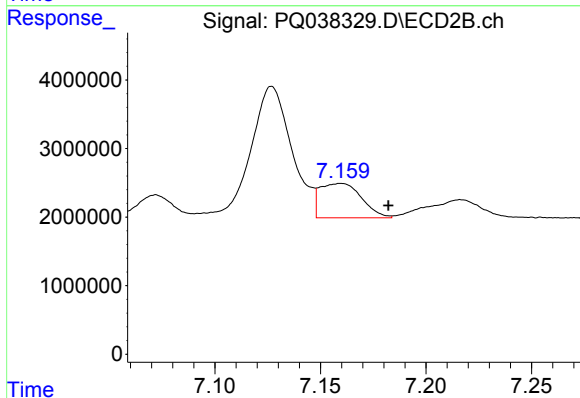
R.T.: 7.664 min
Delta R.T.: -0.025 min
Response: 19615348
Conc: 39.89 ng/ml



#36 AR-1262-1

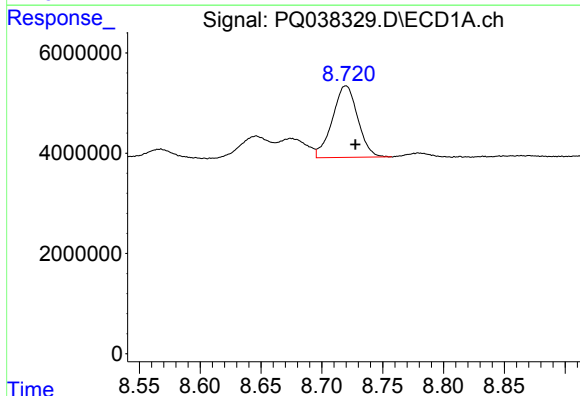
R.T.: 8.135 min
Delta R.T.: -0.010 min
Response: 13886787
Conc: 35.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



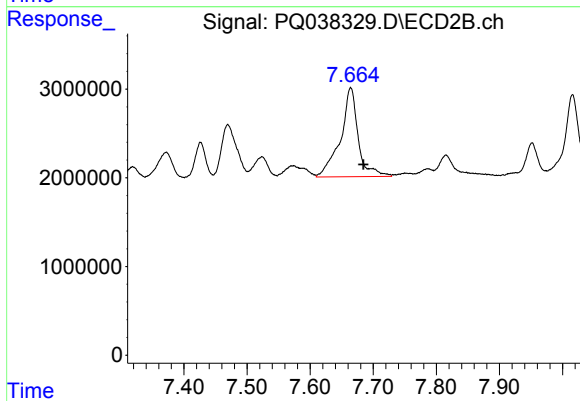
#36 AR-1262-1

R.T.: 7.160 min
Delta R.T.: -0.022 min
Response: 6907053
Conc: 32.08 ng/ml



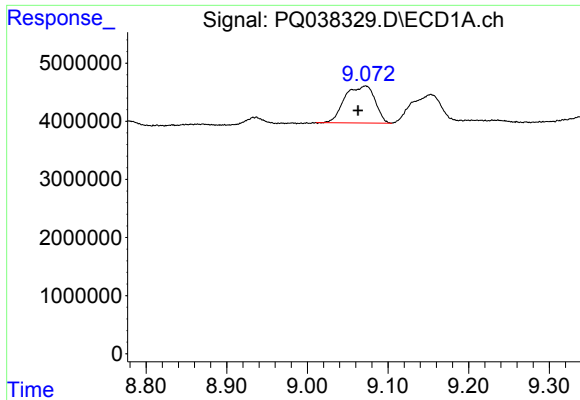
#37 AR-1262-2

R.T.: 8.720 min
Delta R.T.: -0.008 min
Response: 20705377
Conc: 29.03 ng/ml



#37 AR-1262-2

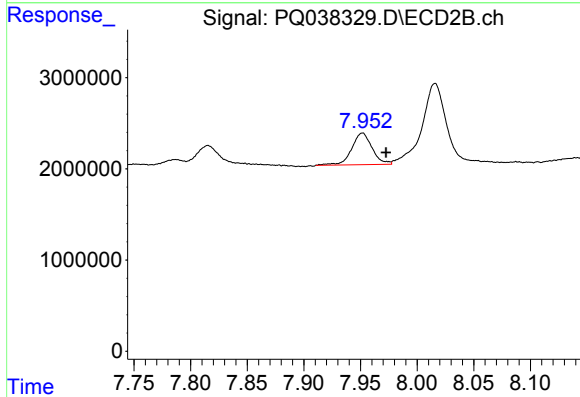
R.T.: 7.664 min
Delta R.T.: -0.020 min
Response: 19615348
Conc: 50.35 ng/ml



#38 AR-1262-3

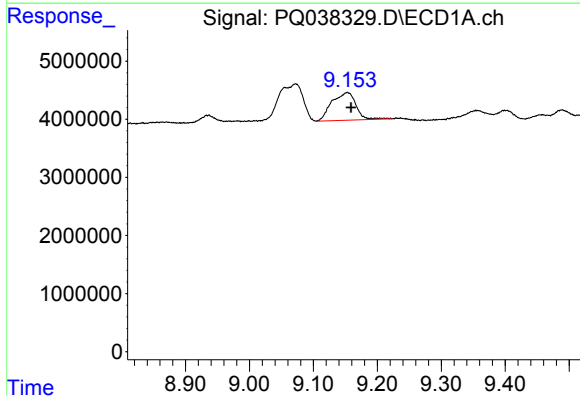
R.T.: 9.072 min
Delta R.T.: 0.009 min
Response: 16485436
Conc: 34.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



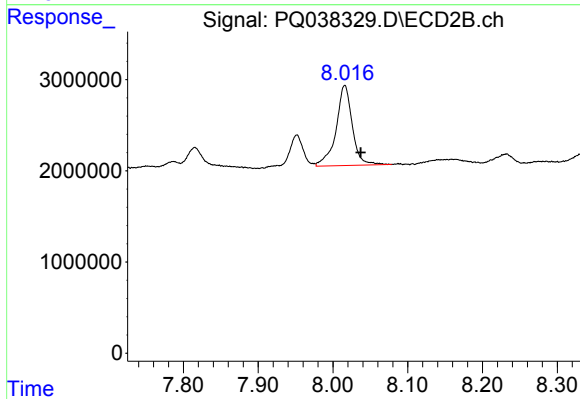
#38 AR-1262-3

R.T.: 7.952 min
Delta R.T.: -0.021 min
Response: 4351667
Conc: 29.23 ng/ml



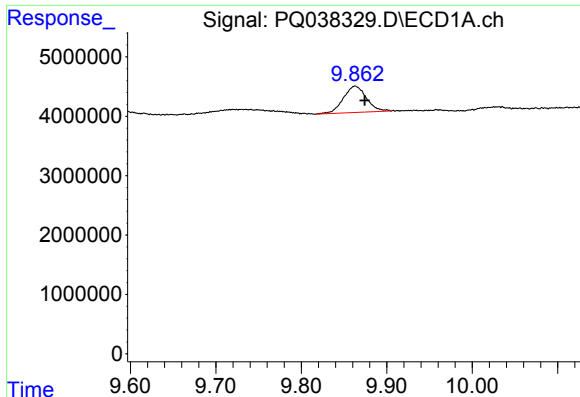
#39 AR-1262-4

R.T.: 9.153 min
Delta R.T.: -0.006 min
Response: 12483003
Conc: 32.98 ng/ml



#39 AR-1262-4

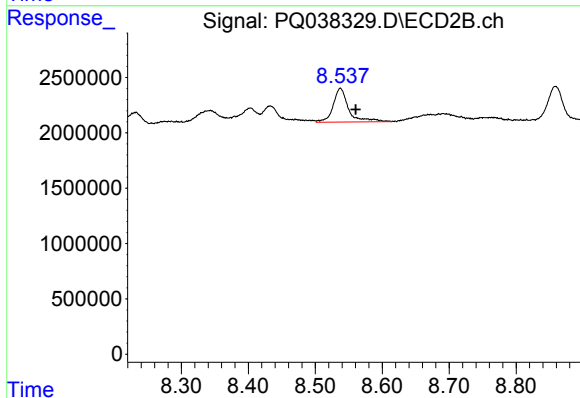
R.T.: 8.016 min
Delta R.T.: -0.021 min
Response: 13231606
Conc: 46.42 ng/ml



#40 AR-1262-5

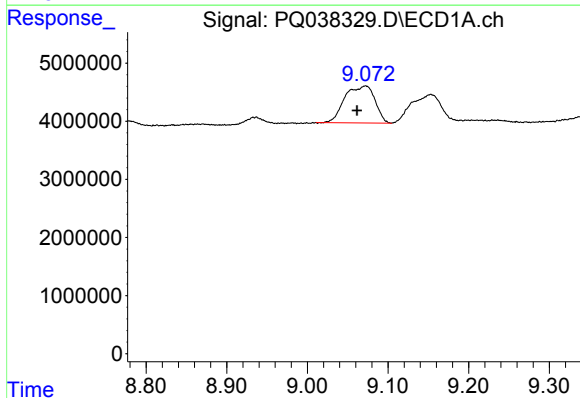
R.T.: 9.863 min
Delta R.T.: -0.011 min
Response: 8367907
Conc: 34.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



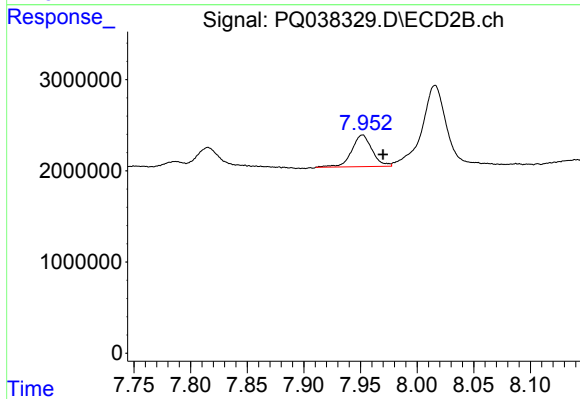
#40 AR-1262-5

R.T.: 8.538 min
Delta R.T.: -0.023 min
Response: 4890856
Conc: 41.38 ng/ml



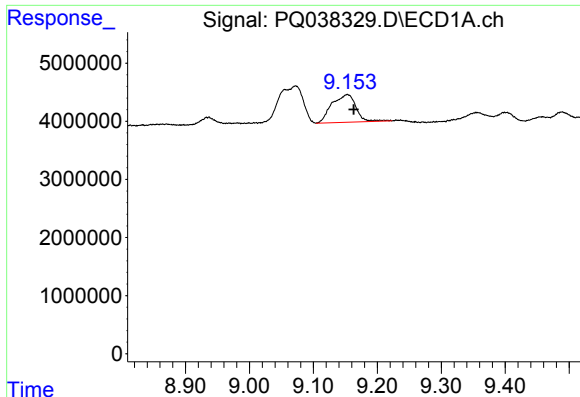
#41 AR-1268-1

R.T.: 9.072 min
Delta R.T.: 0.010 min
Response: 16485436
Conc: 10.40 ng/ml



#41 AR-1268-1

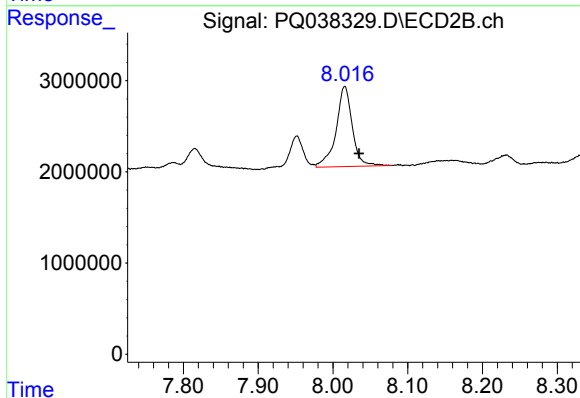
R.T.: 7.952 min
Delta R.T.: -0.018 min
Response: 4351667
Conc: 5.43 ng/ml



#42 AR-1268-2

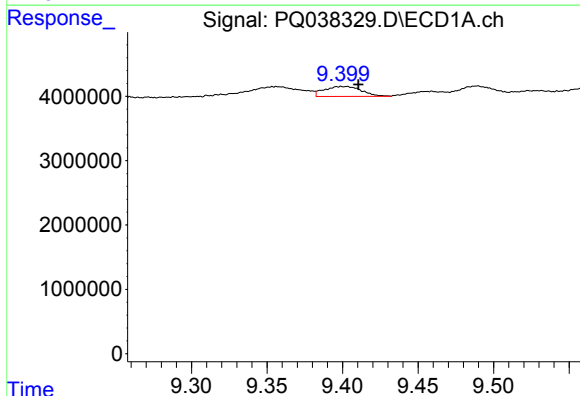
R.T.: 9.153 min
Delta R.T.: -0.010 min
Response: 12483003
Conc: 8.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



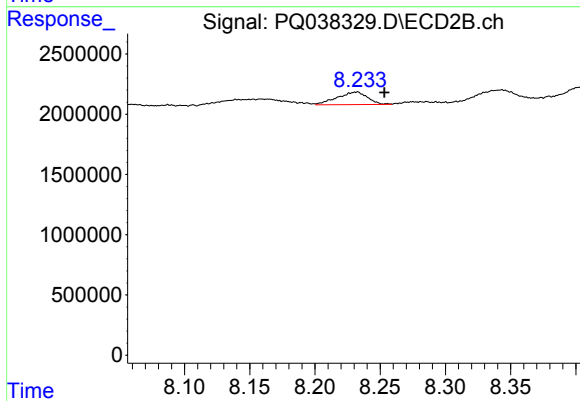
#42 AR-1268-2

R.T.: 8.016 min
Delta R.T.: -0.019 min
Response: 13231606
Conc: 18.23 ng/ml



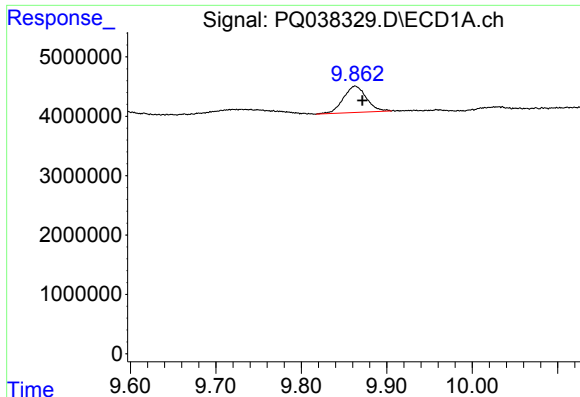
#43 AR-1268-3

R.T.: 9.399 min
Delta R.T.: -0.011 min
Response: 2660808
Conc: 2.06 ng/ml



#43 AR-1268-3

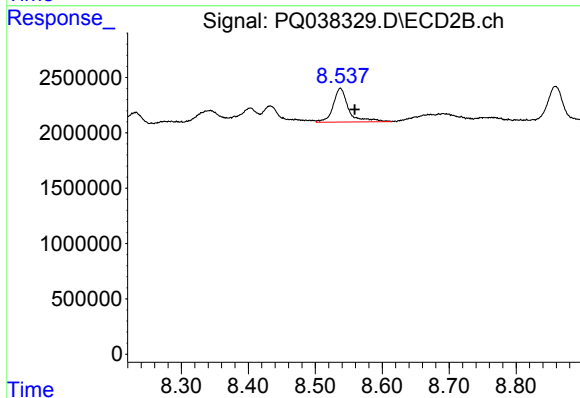
R.T.: 8.232 min
Delta R.T.: -0.021 min
Response: 1696767
Conc: 2.70 ng/ml



#44 AR-1268-4

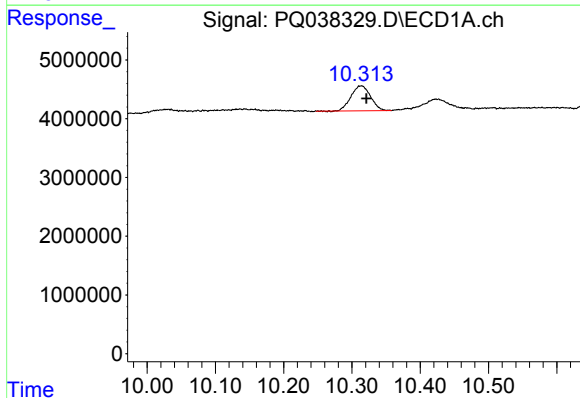
R.T.: 9.863 min
Delta R.T.: -0.008 min
Response: 8367907
Conc: 17.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5X6



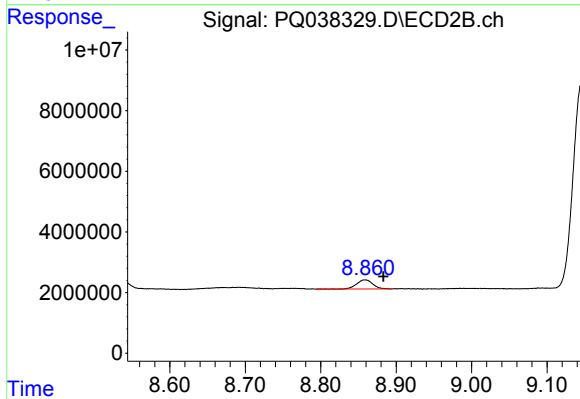
#44 AR-1268-4

R.T.: 8.538 min
Delta R.T.: -0.021 min
Response: 4890856
Conc: 20.77 ng/ml



#45 AR-1268-5

R.T.: 10.314 min
Delta R.T.: -0.007 min
Response: 8501276
Conc: 1.97 ng/ml



#45 AR-1268-5

R.T.: 8.859 min
Delta R.T.: -0.025 min
Response: 4539018
Conc: 2.36 ng/ml