

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 19:57
 Operator : SM\AJ
 Sample : K3102-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETN21

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:37:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.582	4.726	57651718	45238168	17.599	21.063
2)	SA Decachlor...	11.878	10.440	192.2E6	117.4E6	26.906	28.228
Target Compounds							
3)	L1 AR-1016-1	7.056	6.189	1843989	902872	11.023	7.038 #
4)	L1 AR-1016-2	7.056	6.189	1843989	902872	7.014	4.678 #
5)	L1 AR-1016-3	7.129	6.403	481540	368379	2.821	3.416
6)	L1 AR-1016-4	0.000	6.458	0	1538259	N.D.	18.065 #
7)	L1 AR-1016-5	7.620	6.709	1128874	1444502	8.138	12.546 #
8)	L2 AR-1221-1	0.000	5.078	0	176943	N.D.	7.220 #
9)	L2 AR-1221-2	5.977	5.142	2636355	1021833	119.661	62.736 #
10)	L2 AR-1221-3	0.000	5.274	0	99960	N.D.	1.644 #
11)	L3 AR-1232-1	0.000	5.274	0	99960	N.D.	2.181 #
12)	L3 AR-1232-2	6.709	6.189	2942651	902872	74.220	15.051 #
13)	L3 AR-1232-3	7.056	6.403	1843989	368379	22.818	10.475 #
14)	L3 AR-1232-4	0.000	6.540	0	673483	N.D.	22.793 #
15)	L3 AR-1232-5	7.393	6.709	2474228	1444502	78.070	47.983 #
16)	L4 AR-1242-1	7.056	6.189	1843989	902872	19.019	12.210 #
17)	L4 AR-1242-2	7.056	6.189	1843989	902872	12.760	8.481 #
18)	L4 AR-1242-3	7.129	6.403	481540	368379	5.173	6.107
19)	L4 AR-1242-4	0.000	6.540	0	673483	N.D.	11.300 #
20)	L4 AR-1242-5	8.060	7.118	5832311	5695908	67.275	70.679
21)	L5 AR-1248-1	7.056	6.189	1843989	902872	23.823	15.669 #
22)	L5 AR-1248-2	7.393	6.458	2474228	1538259	21.967	17.496
23)	L5 AR-1248-3	7.620	6.540	1128874	673483	8.179	7.443
24)	L5 AR-1248-4	8.060	6.709	5832311	1444502	38.632	13.081 #
25)	L5 AR-1248-5	8.060	7.165	5832311	5414276	38.738	47.688
26)	L6 AR-1254-1	8.019	7.118	5524673	5695908	31.679	29.738
27)	L6 AR-1254-2	8.279	7.314	5381150	2092180	19.458	12.043 #
28)	L6 AR-1254-3	8.621	7.733	7368937	6582833	24.829	22.779
29)	L6 AR-1254-4	8.922	7.982	3538925	3689670	17.028	20.665
30)	L6 AR-1254-5	9.359	8.426	2584676	3078697	8.975	11.950 #
31)	L7 AR-1260-1	8.790	7.871	1720745	2250515	5.177	8.209 #
32)	L7 AR-1260-2	9.110	8.077	1670486	981679	4.135	2.838 #
33)	L7 AR-1260-3	0.000	8.238	0	1328887	N.D.	4.144 #
34)	L7 AR-1260-4	0.000	8.777	0	732587	N.D.	2.696 #
35)	L7 AR-1260-5	10.010	8.988	1572722	2467424	2.042	3.671 #
36)	L8 AR-1262-1	0.000	8.555	0	47926	N.D.	0.422 #
37)	L8 AR-1262-2	10.010	8.988	1572722	2467424	2.717	4.973 #
38)	L8 AR-1262-3	0.000	9.278	0	198730	N.D.	0.945 #
39)	L8 AR-1262-4	0.000	9.346	0	1112671	N.D.	2.939 #
40)	L8 AR-1262-5	0.000	9.871	0	794805	N.D.	4.902 #
41)	L9 AR-1268-1	0.000	9.278	0	198730	N.D.	0.435 #

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Integration File signal 1: autoint1.e
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 Quant Time: Jun 01 00:37:04 2019
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 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
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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
42) L9	AR-1268-2	0.000	9.346	0	1112671	N.D.	2.545 #
44) L9	AR-1268-4	0.000	9.871	0	794805	N.D.	5.768 #
45) L9	AR-1268-5	11.537	10.176	2032778	1262810	1.100	1.070

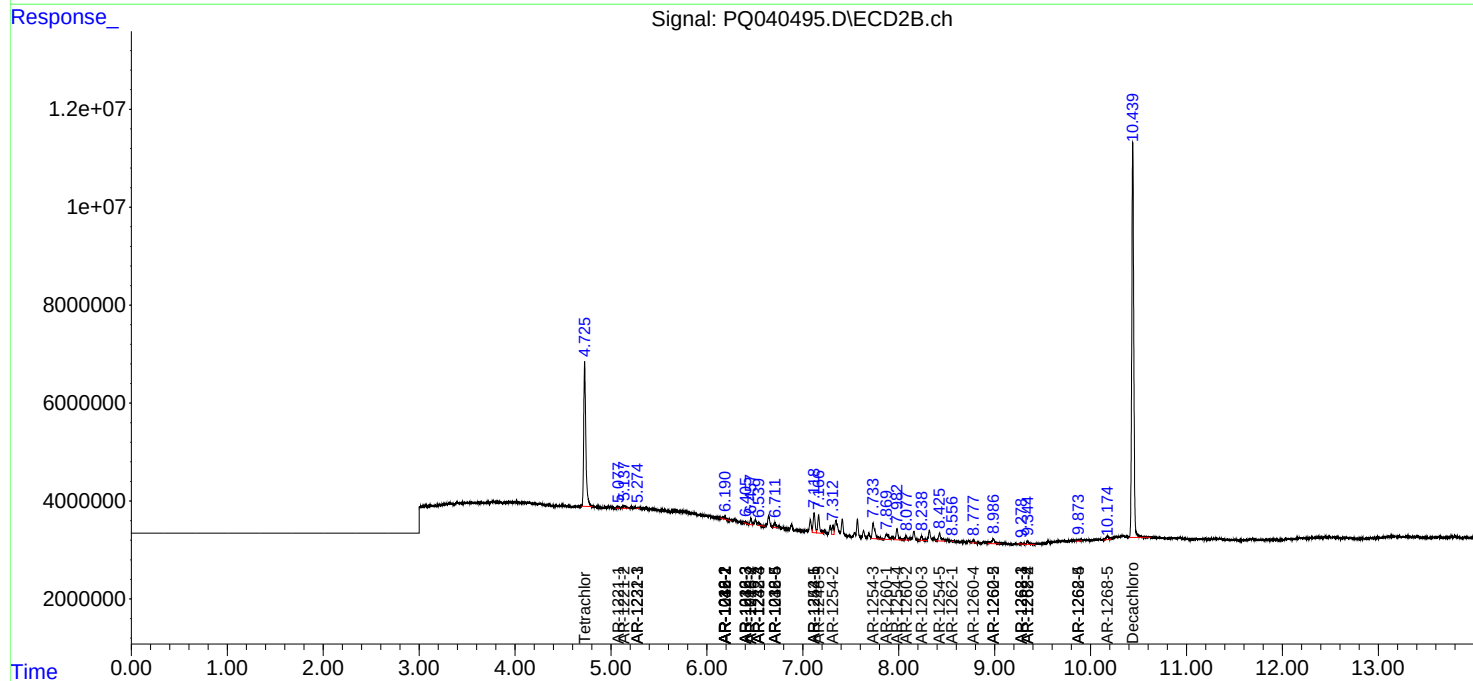
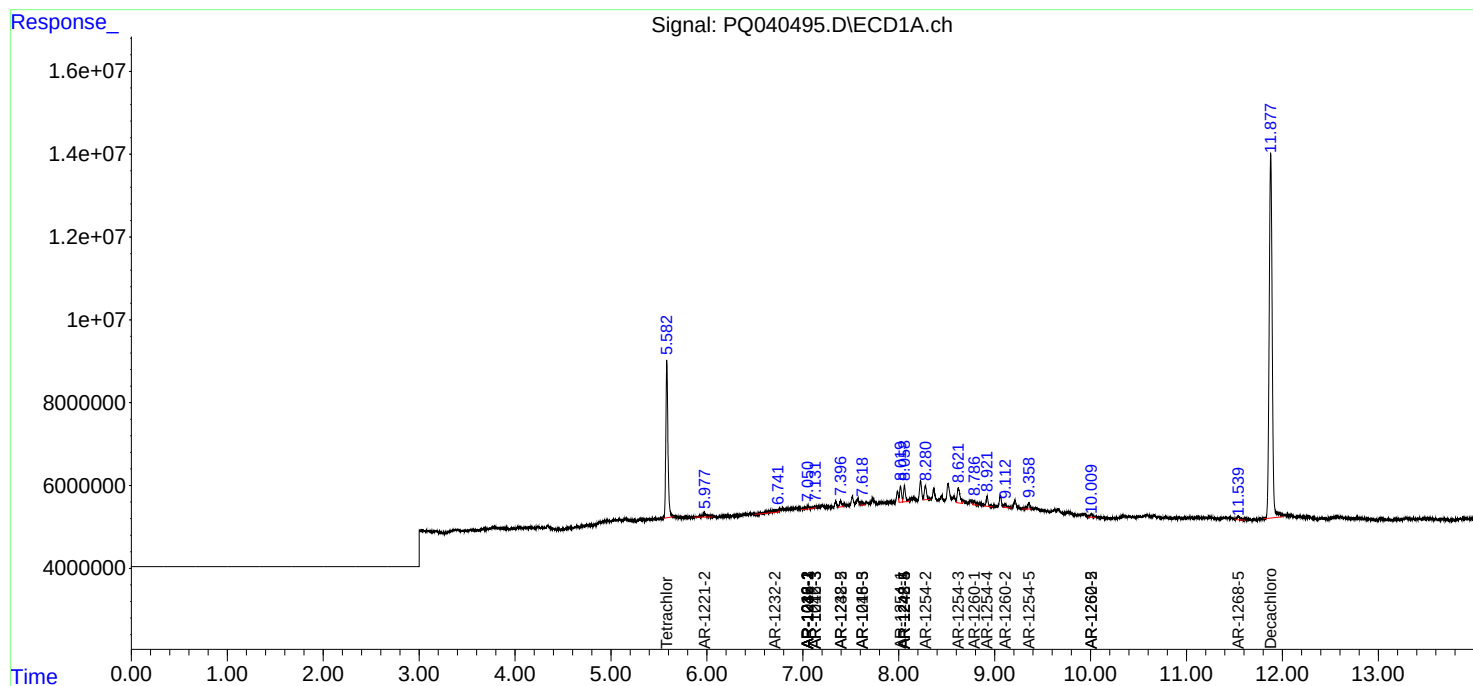
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

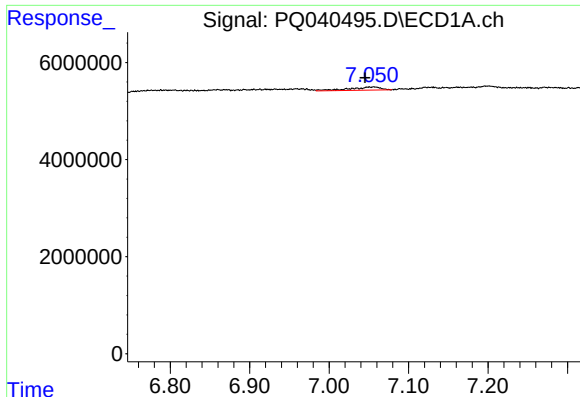
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
Data File : PQ040495.D
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Operator : SM\AJ
Sample : K3102-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

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Integration File signal 1: autoint1.e
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QLast Update : Thu May 23 04:10:58 2019
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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

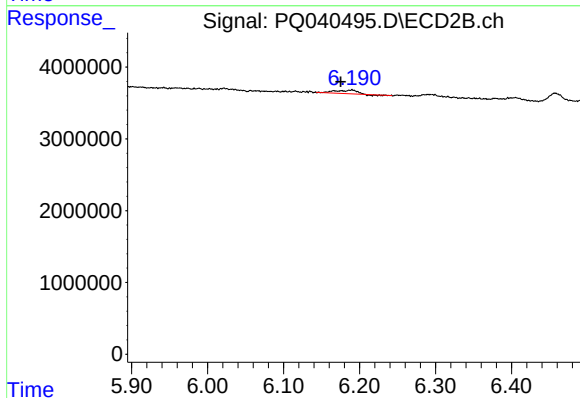




#3 AR-1016-1

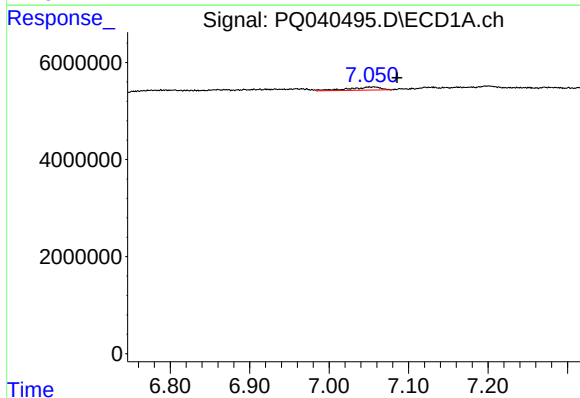
R.T.: 7.056 min
Delta R.T.: 0.011 min
Response: 1843989
Conc: 11.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



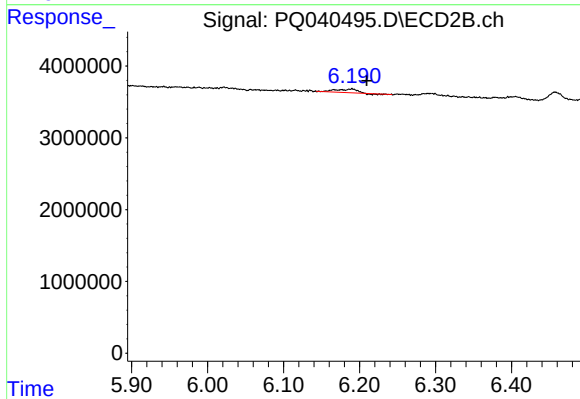
#3 AR-1016-1

R.T.: 6.189 min
Delta R.T.: 0.014 min
Response: 902872
Conc: 7.04 ng/ml



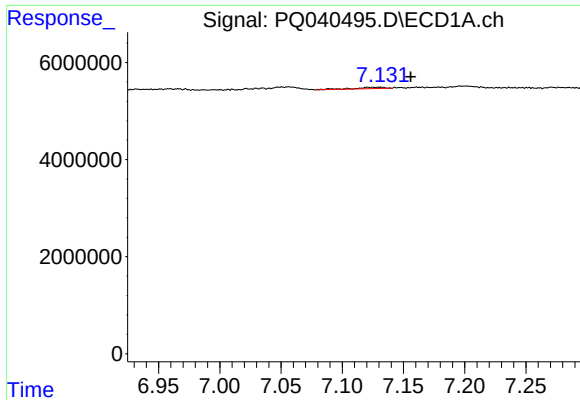
#4 AR-1016-2

R.T.: 7.056 min
Delta R.T.: -0.030 min
Response: 1843989
Conc: 7.01 ng/ml



#4 AR-1016-2

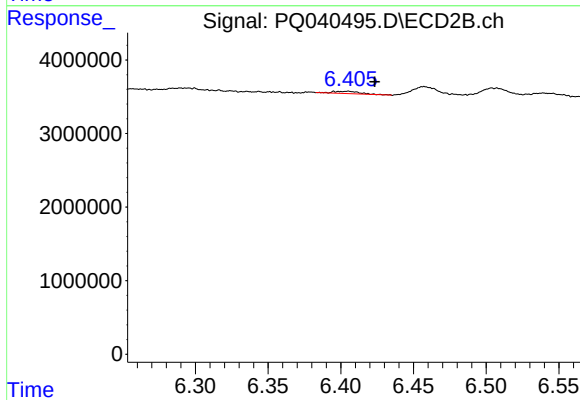
R.T.: 6.189 min
Delta R.T.: -0.020 min
Response: 902872
Conc: 4.68 ng/ml



#5 AR-1016-3

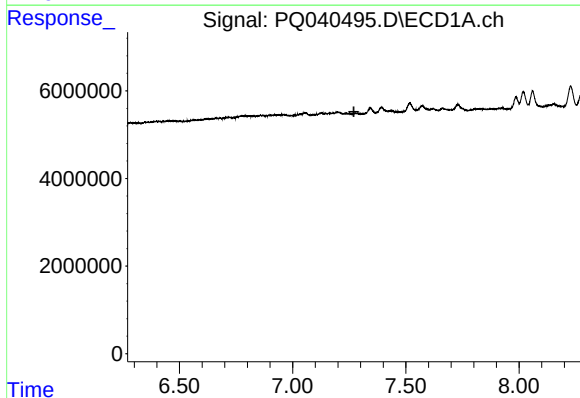
R.T.: 7.129 min
Delta R.T.: -0.027 min
Response: 481540
Conc: 2.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



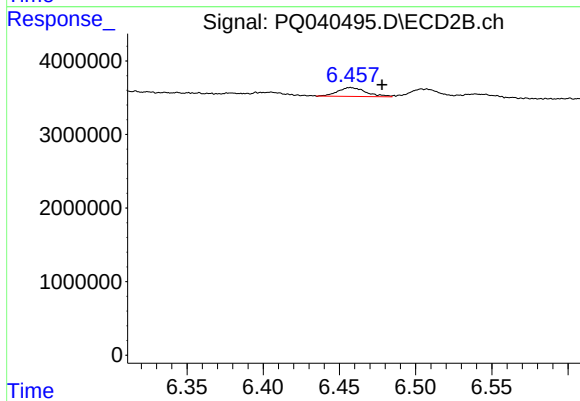
#5 AR-1016-3

R.T.: 6.403 min
Delta R.T.: -0.020 min
Response: 368379
Conc: 3.42 ng/ml



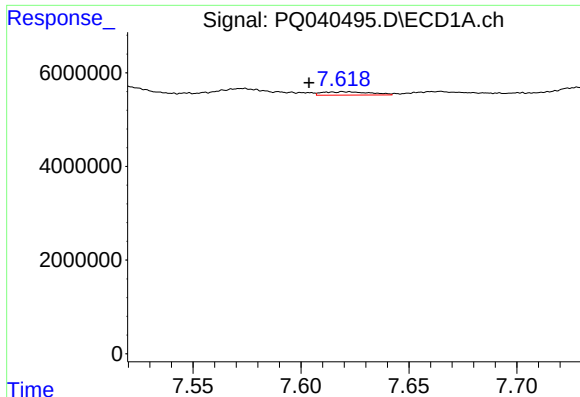
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.271 min
Response: 0
Conc: N.D.



#6 AR-1016-4

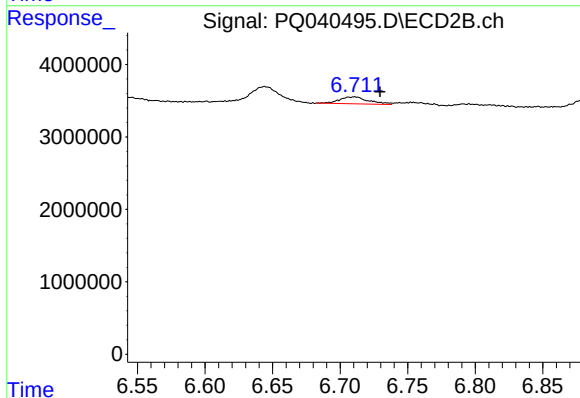
R.T.: 6.458 min
Delta R.T.: -0.020 min
Response: 1538259
Conc: 18.07 ng/ml



#7 AR-1016-5

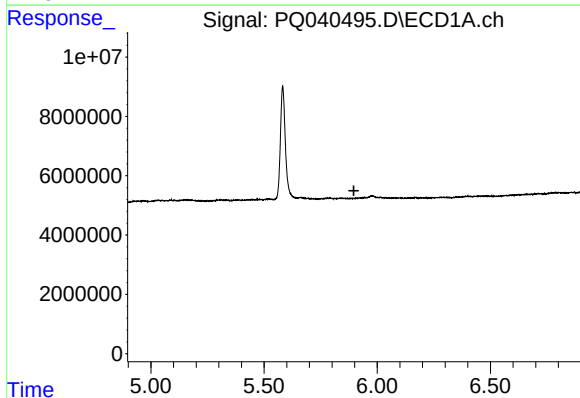
R.T.: 7.620 min
Delta R.T.: 0.017 min
Response: 1128874
Conc: 8.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



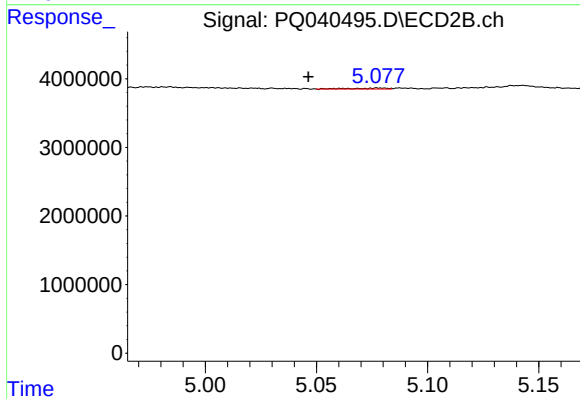
#7 AR-1016-5

R.T.: 6.709 min
Delta R.T.: -0.020 min
Response: 1444502
Conc: 12.55 ng/ml



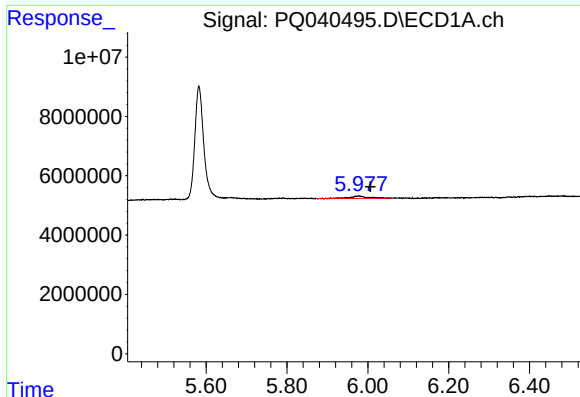
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

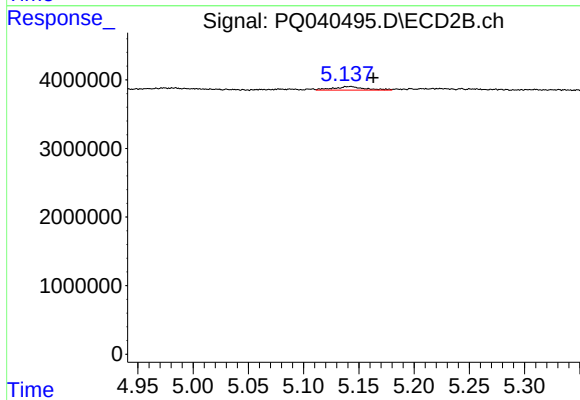
R.T.: 5.078 min
Delta R.T.: 0.032 min
Response: 176943
Conc: 7.22 ng/ml



#9 AR-1221-2

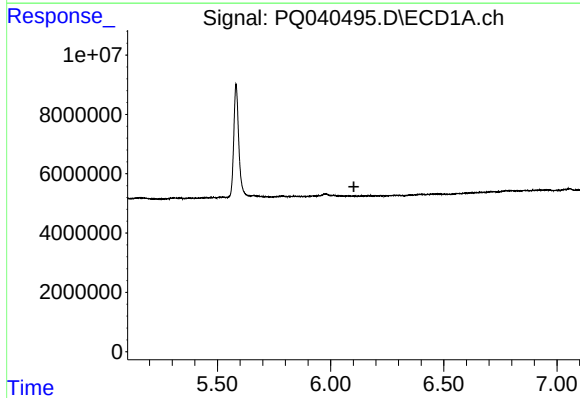
R.T.: 5.977 min
Delta R.T.: -0.029 min
Response: 2636355
Conc: 119.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



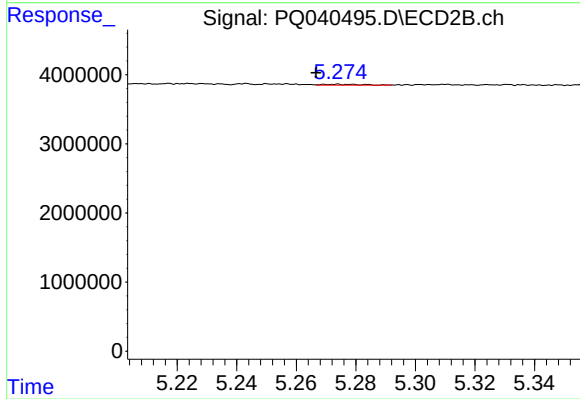
#9 AR-1221-2

R.T.: 5.142 min
Delta R.T.: -0.021 min
Response: 1021833
Conc: 62.74 ng/ml



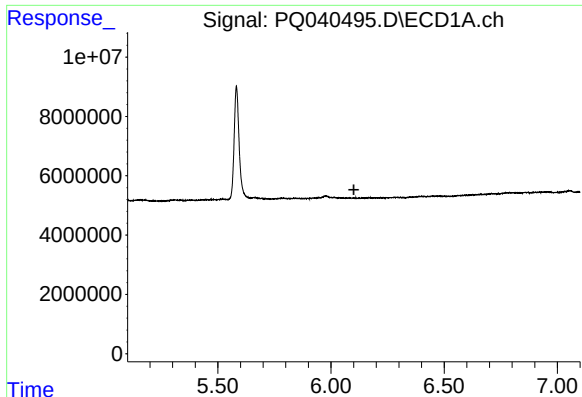
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

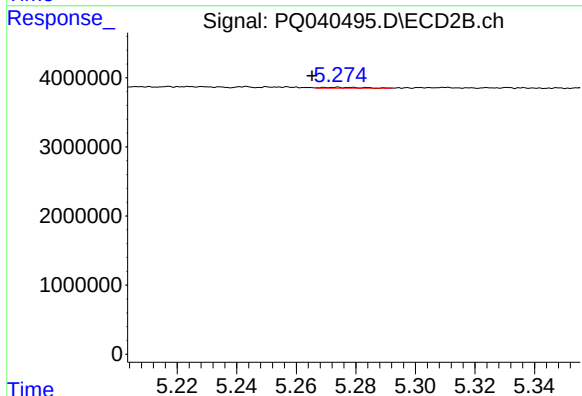
R.T.: 5.274 min
Delta R.T.: 0.007 min
Response: 99960
Conc: 1.64 ng/ml



#11 AR-1232-1

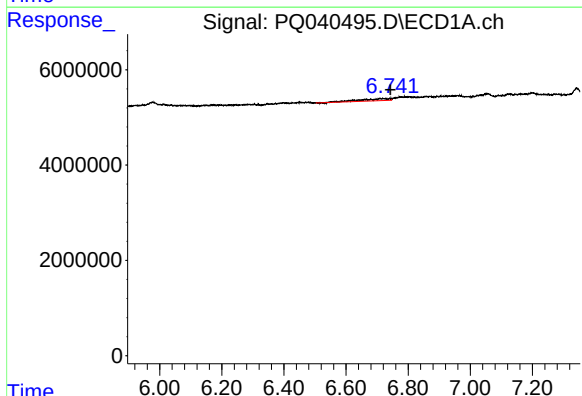
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN21



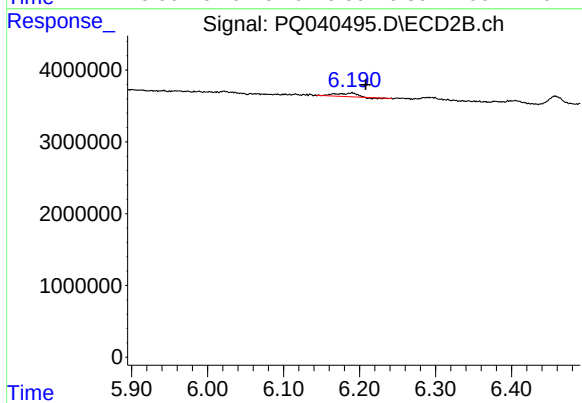
#11 AR-1232-1

R.T.: 5.274 min
Delta R.T.: 0.009 min
Response: 99960
Conc: 2.18 ng/ml



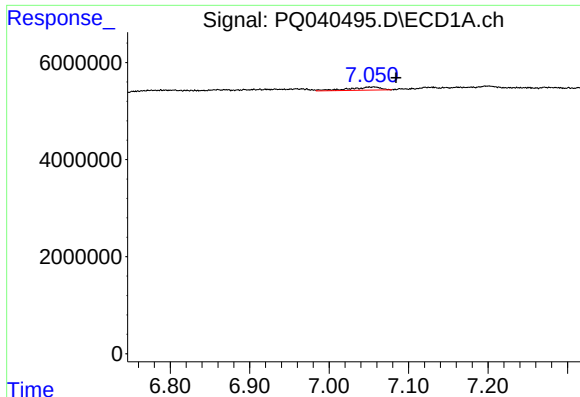
#12 AR-1232-2

R.T.: 6.709 min
Delta R.T.: -0.035 min
Response: 2942651
Conc: 74.22 ng/ml



#12 AR-1232-2

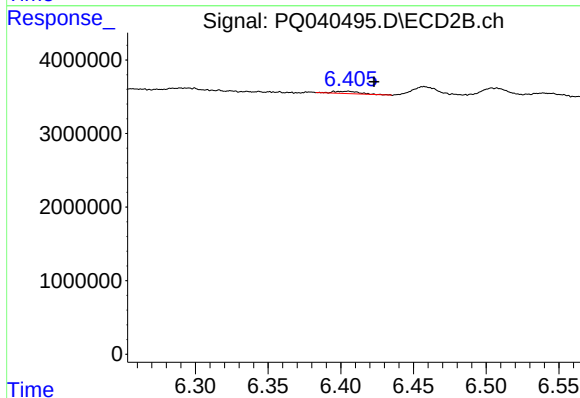
R.T.: 6.189 min
Delta R.T.: -0.019 min
Response: 902872
Conc: 15.05 ng/ml



#13 AR-1232-3

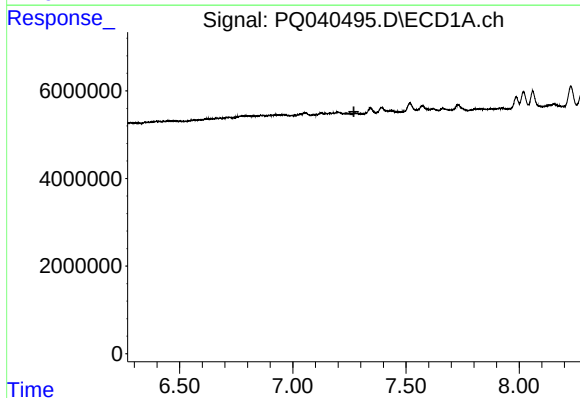
R.T.: 7.056 min
Delta R.T.: -0.029 min
Response: 1843989
Conc: 22.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



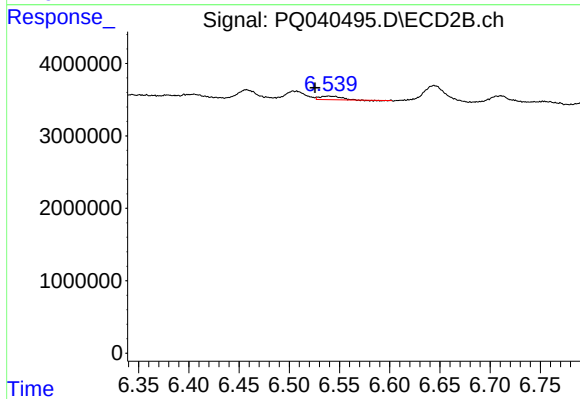
#13 AR-1232-3

R.T.: 6.403 min
Delta R.T.: -0.020 min
Response: 368379
Conc: 10.47 ng/ml



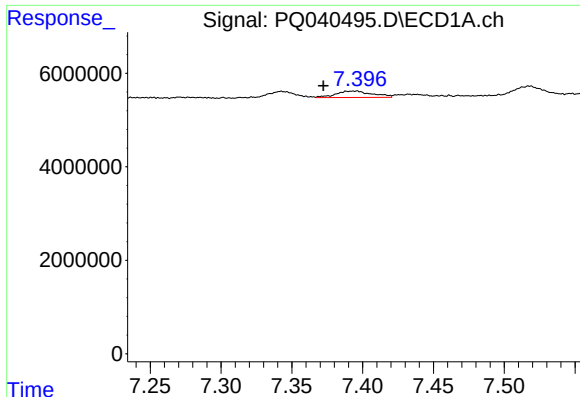
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



#14 AR-1232-4

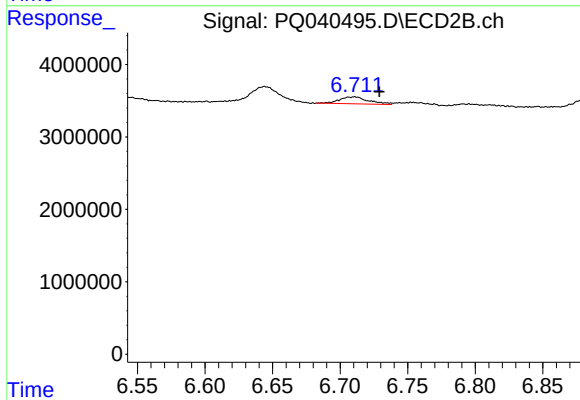
R.T.: 6.540 min
Delta R.T.: 0.014 min
Response: 673483
Conc: 22.79 ng/ml



#15 AR-1232-5

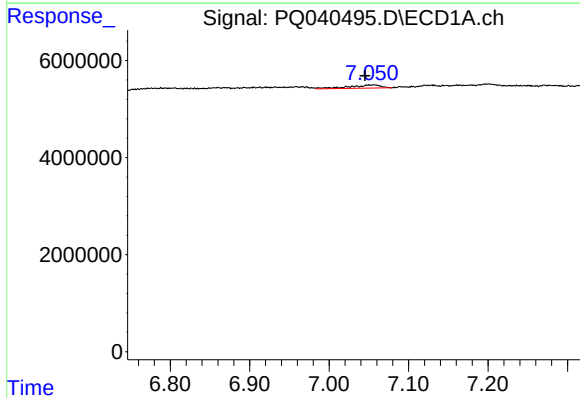
R.T.: 7.393 min
Delta R.T.: 0.021 min
Response: 2474228
Conc: 78.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



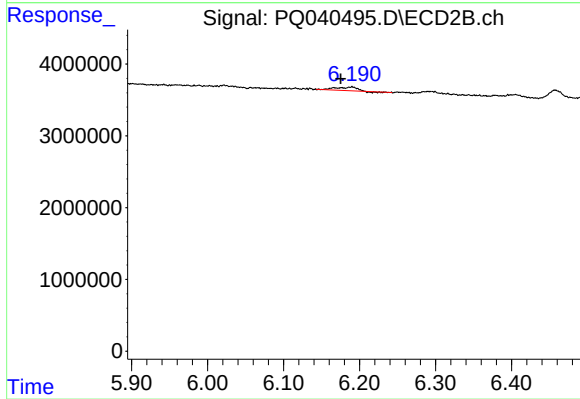
#15 AR-1232-5

R.T.: 6.709 min
Delta R.T.: -0.020 min
Response: 1444502
Conc: 47.98 ng/ml



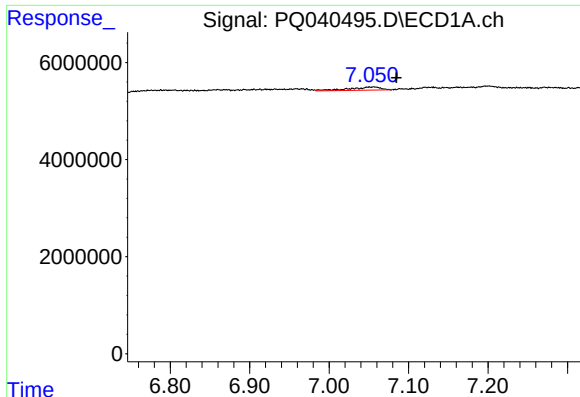
#16 AR-1242-1

R.T.: 7.056 min
Delta R.T.: 0.011 min
Response: 1843989
Conc: 19.02 ng/ml



#16 AR-1242-1

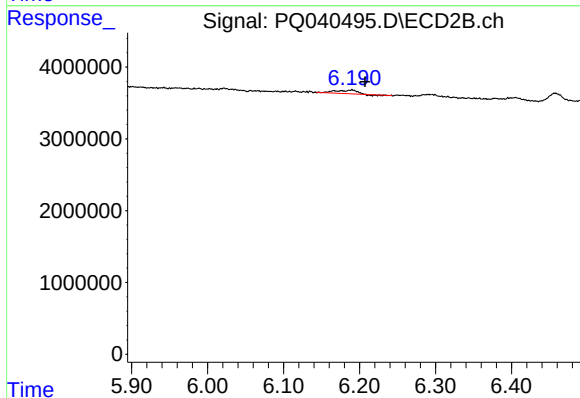
R.T.: 6.189 min
Delta R.T.: 0.014 min
Response: 902872
Conc: 12.21 ng/ml



#17 AR-1242-2

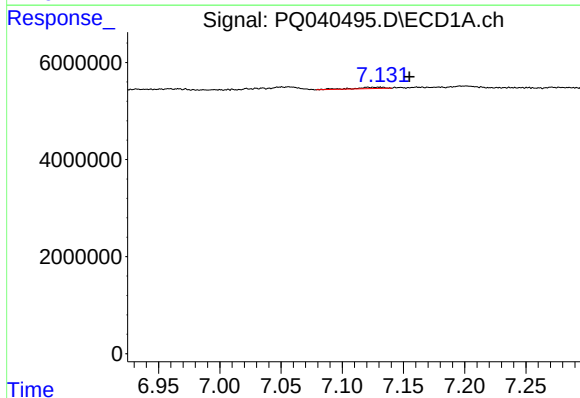
R.T.: 7.056 min
Delta R.T.: -0.029 min
Response: 1843989
Conc: 12.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



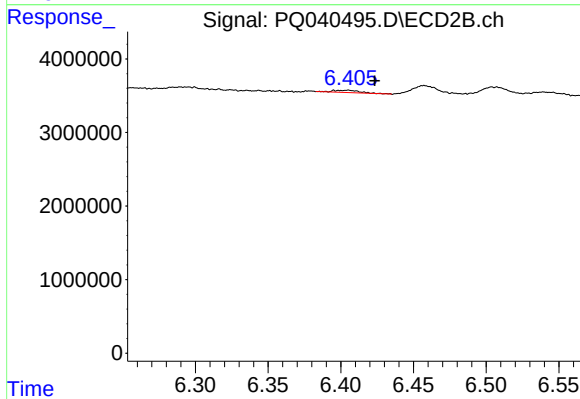
#17 AR-1242-2

R.T.: 6.189 min
Delta R.T.: -0.018 min
Response: 902872
Conc: 8.48 ng/ml



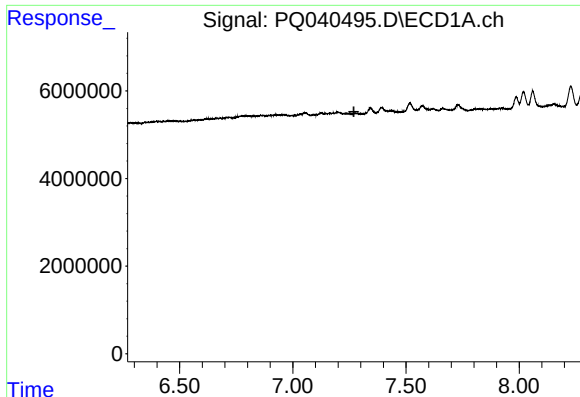
#18 AR-1242-3

R.T.: 7.129 min
Delta R.T.: -0.026 min
Response: 481540
Conc: 5.17 ng/ml



#18 AR-1242-3

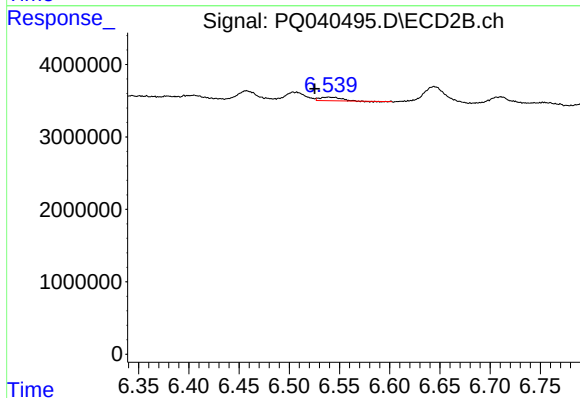
R.T.: 6.403 min
Delta R.T.: -0.020 min
Response: 368379
Conc: 6.11 ng/ml



#19 AR-1242-4

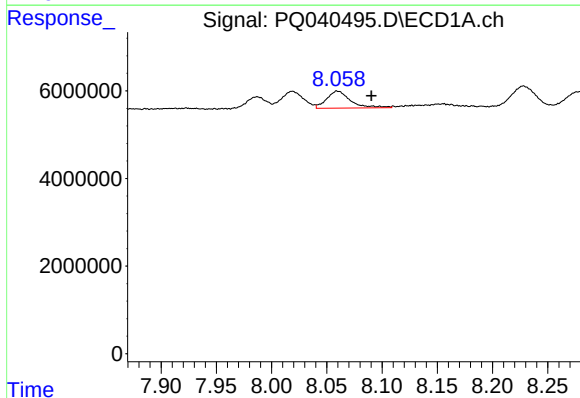
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN21



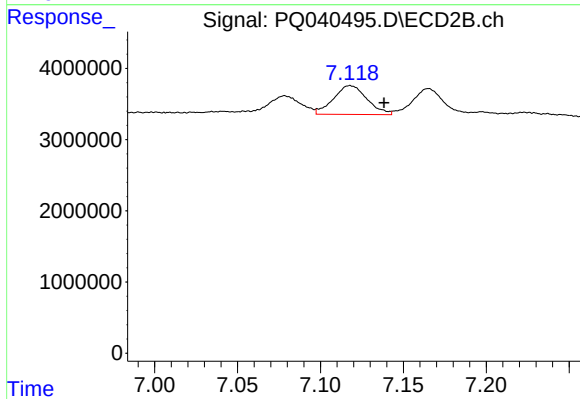
#19 AR-1242-4

R.T.: 6.540 min
Delta R.T.: 0.015 min
Response: 673483
Conc: 11.30 ng/ml



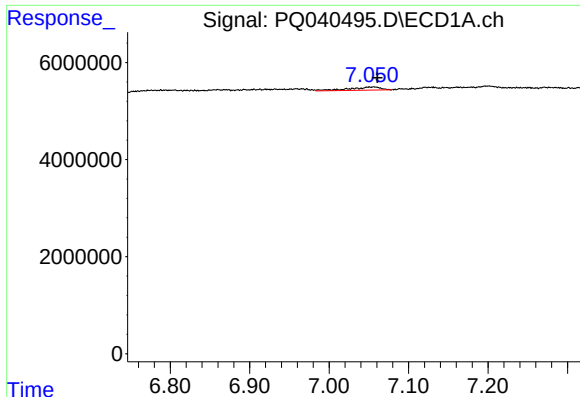
#20 AR-1242-5

R.T.: 8.060 min
Delta R.T.: -0.031 min
Response: 5832311
Conc: 67.27 ng/ml



#20 AR-1242-5

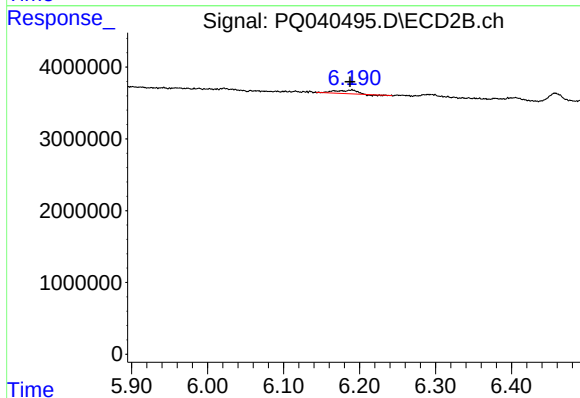
R.T.: 7.118 min
Delta R.T.: -0.020 min
Response: 5695908
Conc: 70.68 ng/ml



#21 AR-1248-1

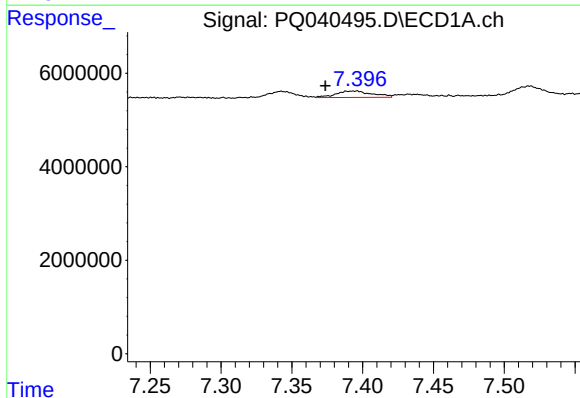
R.T.: 7.056 min
Delta R.T.: -0.005 min
Response: 1843989
Conc: 23.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



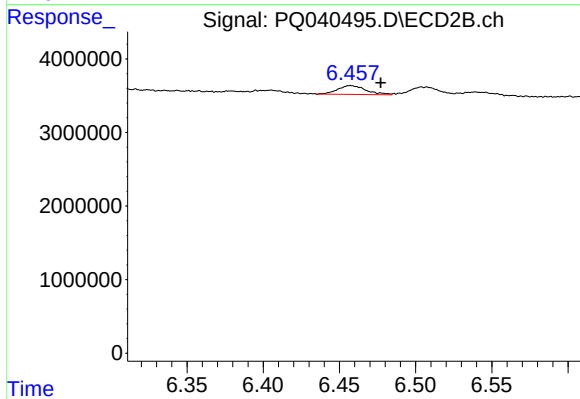
#21 AR-1248-1

R.T.: 6.189 min
Delta R.T.: 0.002 min
Response: 902872
Conc: 15.67 ng/ml



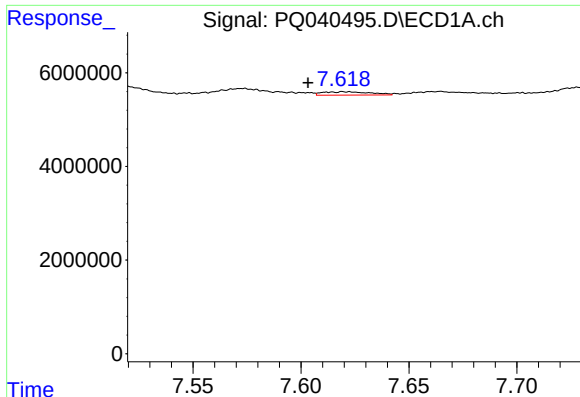
#22 AR-1248-2

R.T.: 7.393 min
Delta R.T.: 0.020 min
Response: 2474228
Conc: 21.97 ng/ml



#22 AR-1248-2

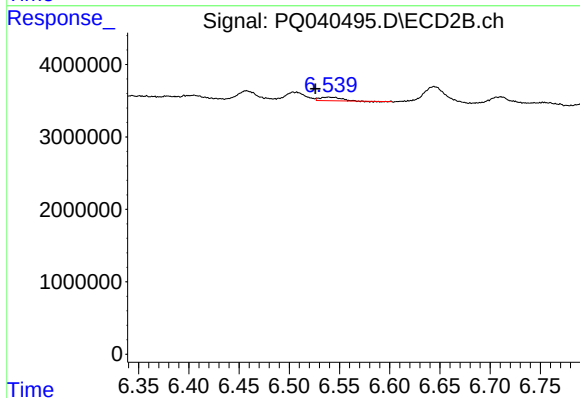
R.T.: 6.458 min
Delta R.T.: -0.019 min
Response: 1538259
Conc: 17.50 ng/ml



#23 AR-1248-3

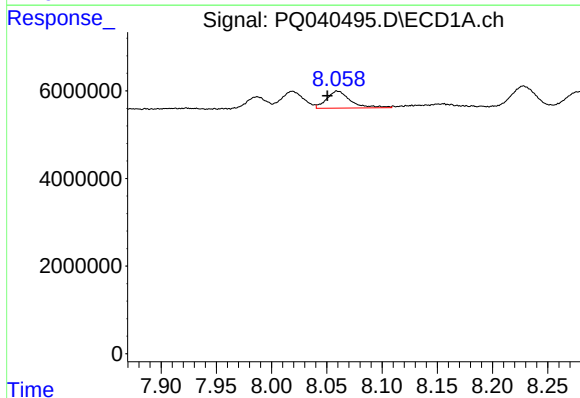
R.T.: 7.620 min
Delta R.T.: 0.017 min
Response: 1128874
Conc: 8.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



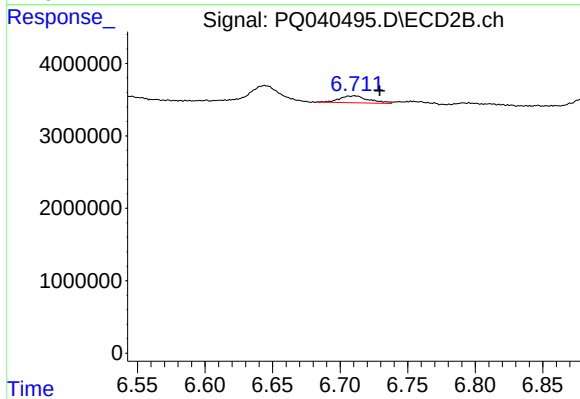
#23 AR-1248-3

R.T.: 6.540 min
Delta R.T.: 0.014 min
Response: 673483
Conc: 7.44 ng/ml



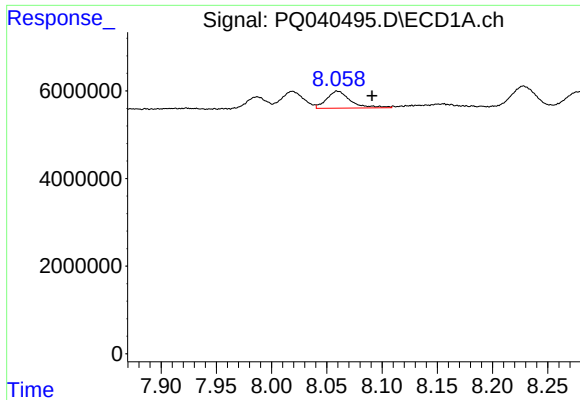
#24 AR-1248-4

R.T.: 8.060 min
Delta R.T.: 0.009 min
Response: 5832311
Conc: 38.63 ng/ml



#24 AR-1248-4

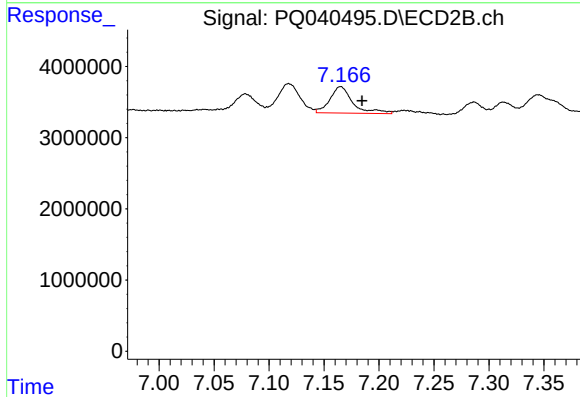
R.T.: 6.709 min
Delta R.T.: -0.020 min
Response: 1444502
Conc: 13.08 ng/ml



#25 AR-1248-5

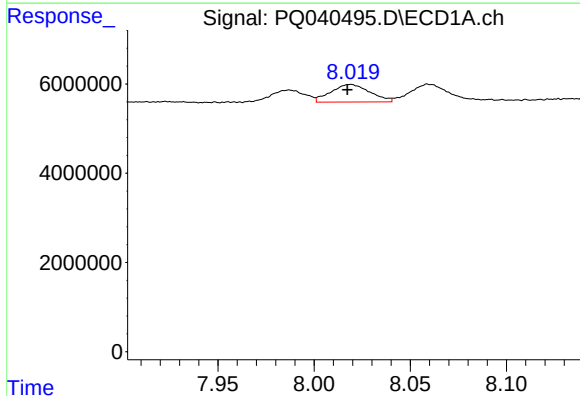
R.T.: 8.060 min
Delta R.T.: -0.031 min
Response: 5832311
Conc: 38.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



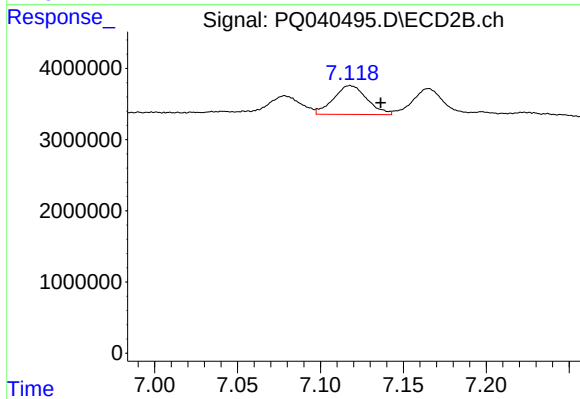
#25 AR-1248-5

R.T.: 7.165 min
Delta R.T.: -0.020 min
Response: 5414276
Conc: 47.69 ng/ml



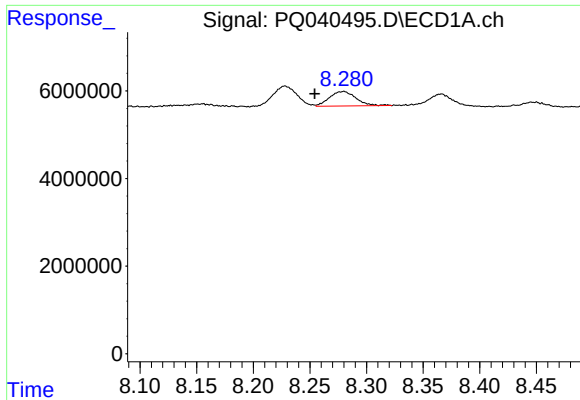
#26 AR-1254-1

R.T.: 8.019 min
Delta R.T.: 0.002 min
Response: 5524673
Conc: 31.68 ng/ml



#26 AR-1254-1

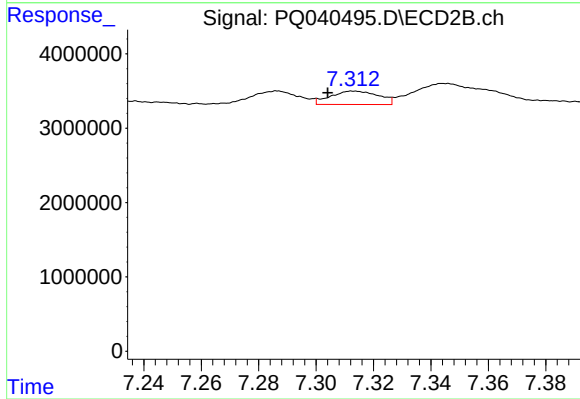
R.T.: 7.118 min
Delta R.T.: -0.018 min
Response: 5695908
Conc: 29.74 ng/ml



#27 AR-1254-2

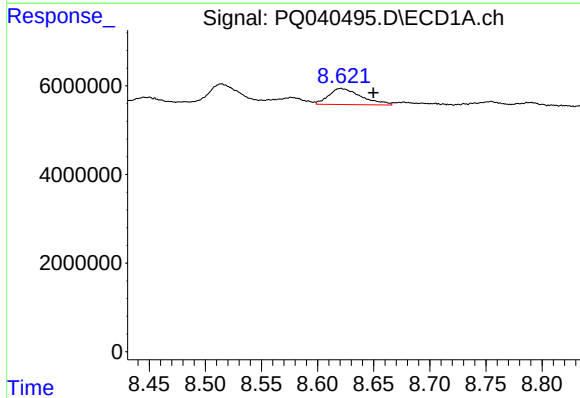
R.T.: 8.279 min
Delta R.T.: 0.025 min
Response: 5381150
Conc: 19.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



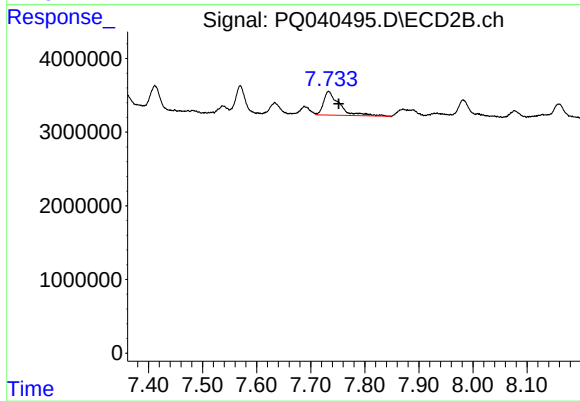
#27 AR-1254-2

R.T.: 7.314 min
Delta R.T.: 0.010 min
Response: 2092180
Conc: 12.04 ng/ml



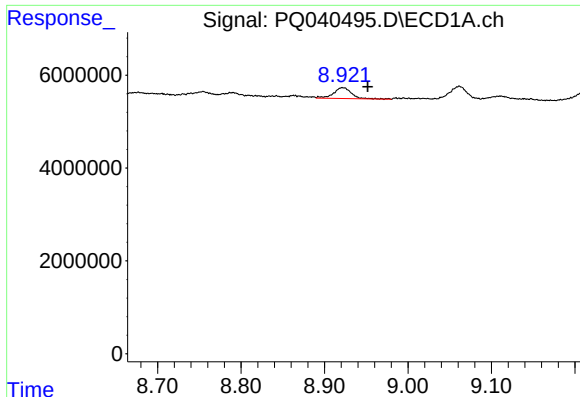
#28 AR-1254-3

R.T.: 8.621 min
Delta R.T.: -0.029 min
Response: 7368937
Conc: 24.83 ng/ml



#28 AR-1254-3

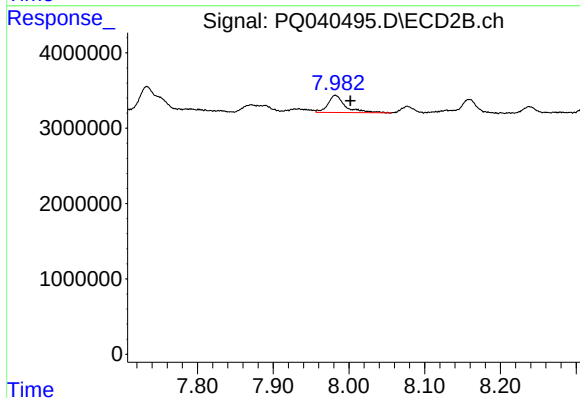
R.T.: 7.733 min
Delta R.T.: -0.019 min
Response: 6582833
Conc: 22.78 ng/ml



#29 AR-1254-4

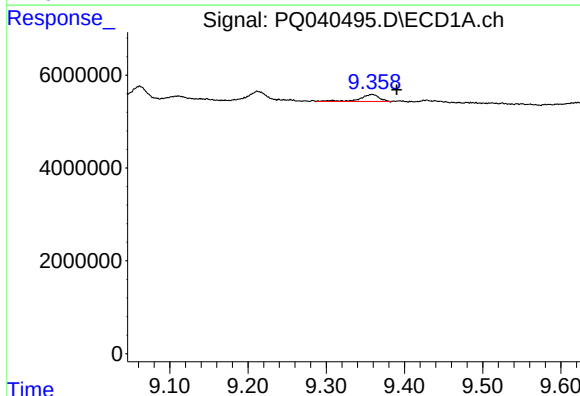
R.T.: 8.922 min
Delta R.T.: -0.030 min
Response: 3538925
Conc: 17.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



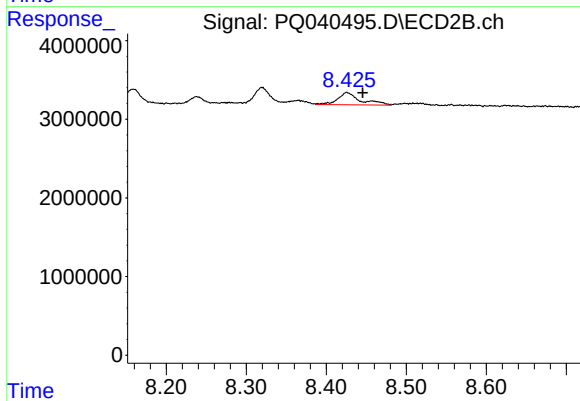
#29 AR-1254-4

R.T.: 7.982 min
Delta R.T.: -0.020 min
Response: 3689670
Conc: 20.66 ng/ml



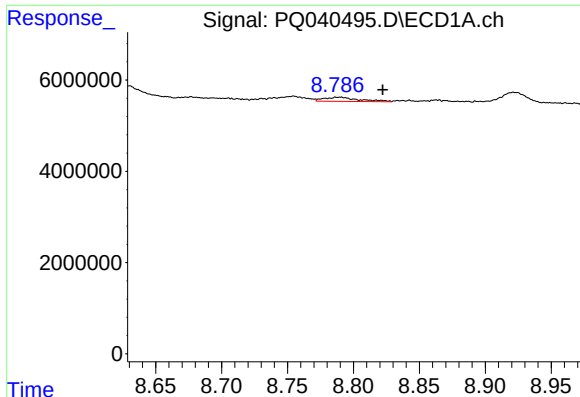
#30 AR-1254-5

R.T.: 9.359 min
Delta R.T.: -0.032 min
Response: 2584676
Conc: 8.97 ng/ml



#30 AR-1254-5

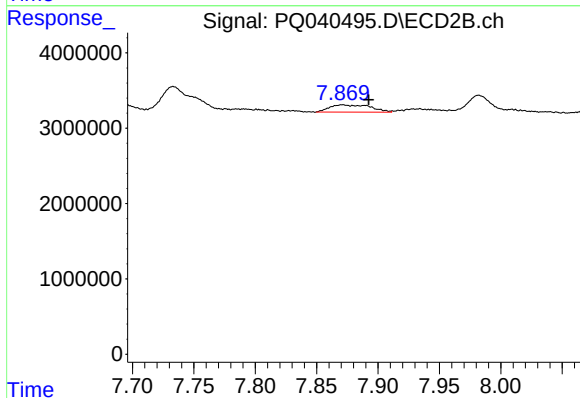
R.T.: 8.426 min
Delta R.T.: -0.019 min
Response: 3078697
Conc: 11.95 ng/ml



#31 AR-1260-1

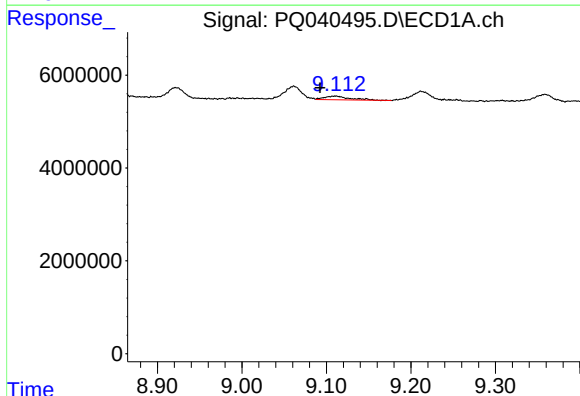
R.T.: 8.790 min
Delta R.T.: -0.033 min
Response: 1720745
Conc: 5.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



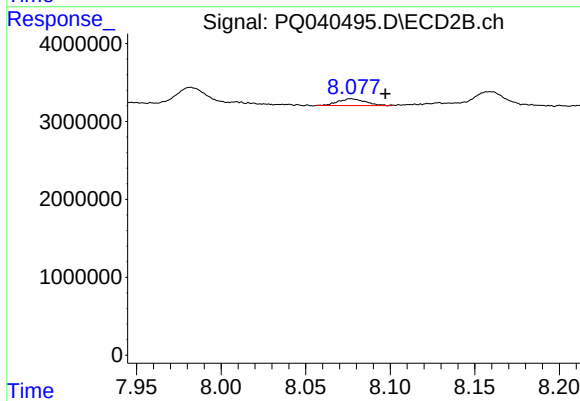
#31 AR-1260-1

R.T.: 7.871 min
Delta R.T.: -0.021 min
Response: 2250515
Conc: 8.21 ng/ml



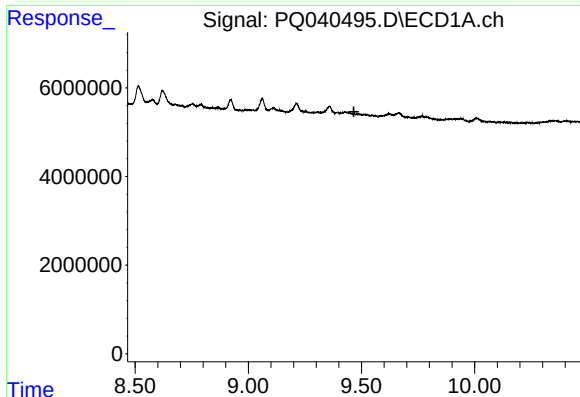
#32 AR-1260-2

R.T.: 9.110 min
Delta R.T.: 0.018 min
Response: 1670486
Conc: 4.14 ng/ml



#32 AR-1260-2

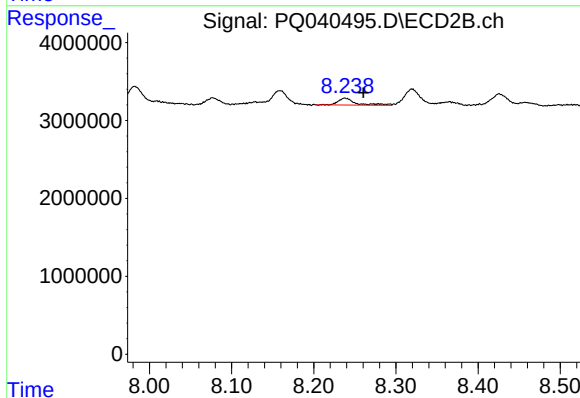
R.T.: 8.077 min
Delta R.T.: -0.020 min
Response: 981679
Conc: 2.84 ng/ml



#33 AR-1260-3

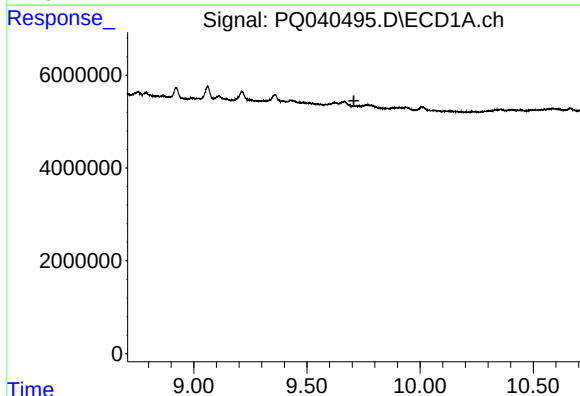
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN21



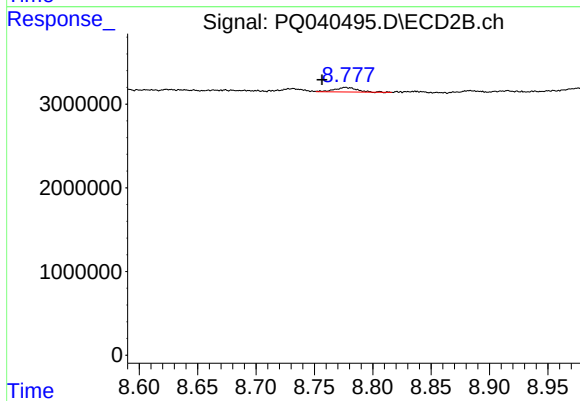
#33 AR-1260-3

R.T.: 8.238 min
Delta R.T.: -0.022 min
Response: 1328887
Conc: 4.14 ng/ml



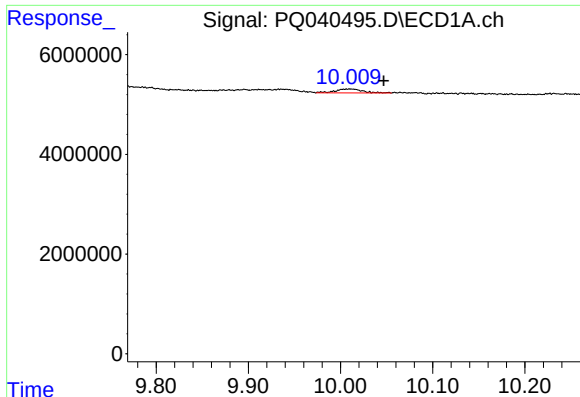
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

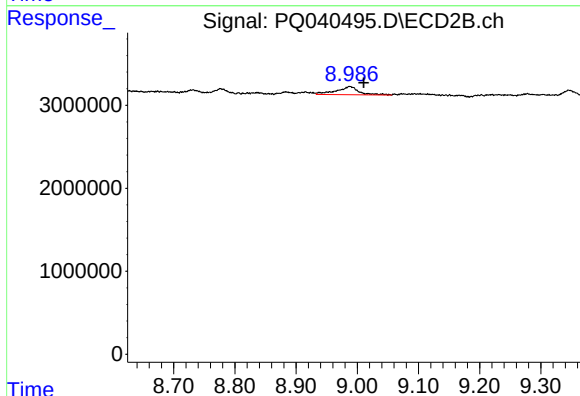
R.T.: 8.777 min
Delta R.T.: 0.021 min
Response: 732587
Conc: 2.70 ng/ml



#35 AR-1260-5

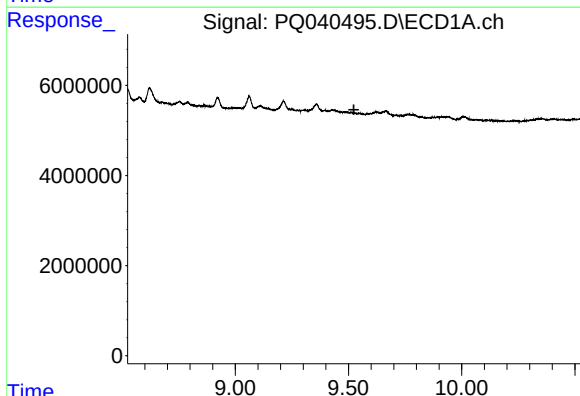
R.T.: 10.010 min
Delta R.T.: -0.037 min
Response: 1572722
Conc: 2.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



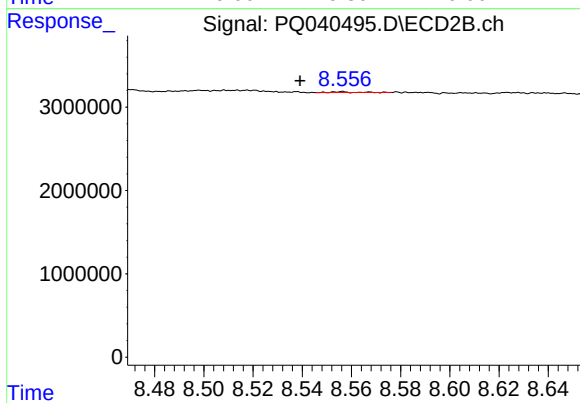
#35 AR-1260-5

R.T.: 8.988 min
Delta R.T.: -0.022 min
Response: 2467424
Conc: 3.67 ng/ml



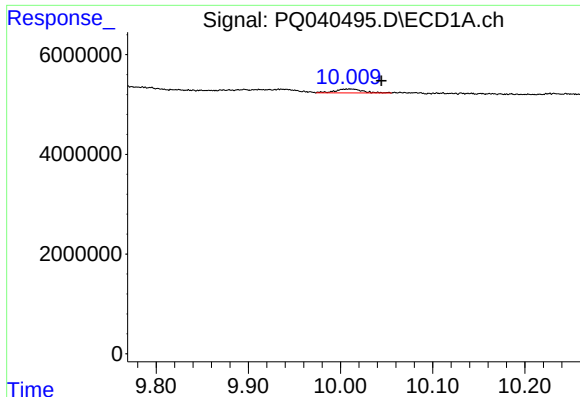
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

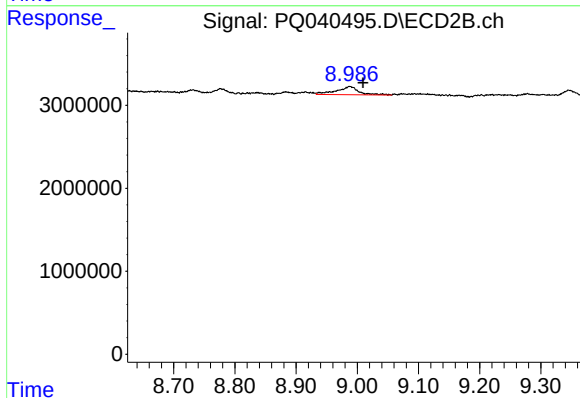
R.T.: 8.555 min
Delta R.T.: 0.016 min
Response: 47926
Conc: 0.42 ng/ml



#37 AR-1262-2

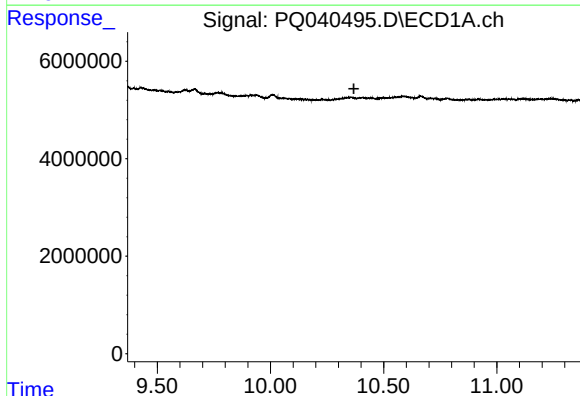
R.T.: 10.010 min
Delta R.T.: -0.034 min
Response: 1572722
Conc: 2.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN21



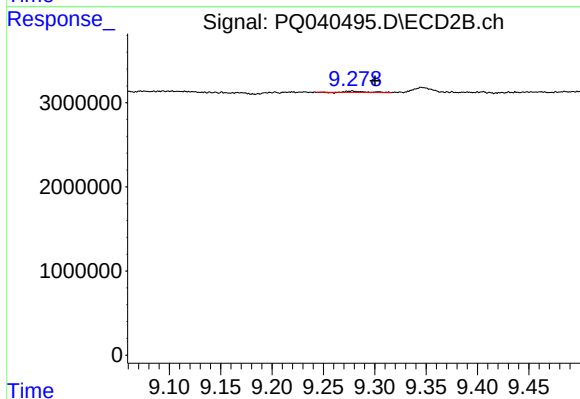
#37 AR-1262-2

R.T.: 8.988 min
Delta R.T.: -0.022 min
Response: 2467424
Conc: 4.97 ng/ml



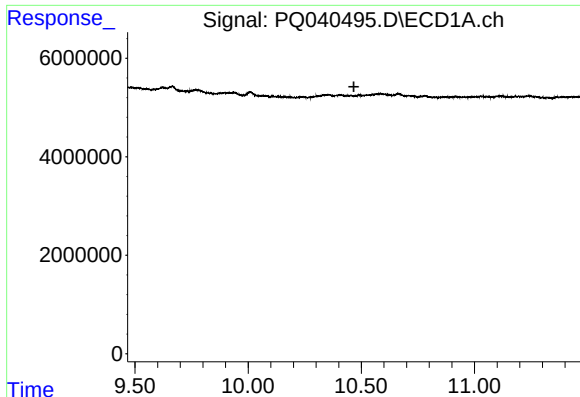
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

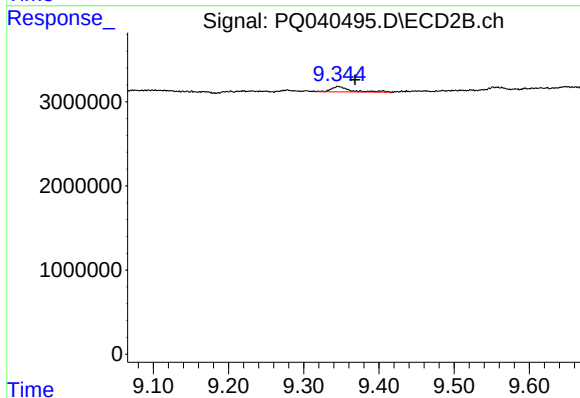
R.T.: 9.278 min
Delta R.T.: -0.023 min
Response: 198730
Conc: 0.95 ng/ml



#39 AR-1262-4

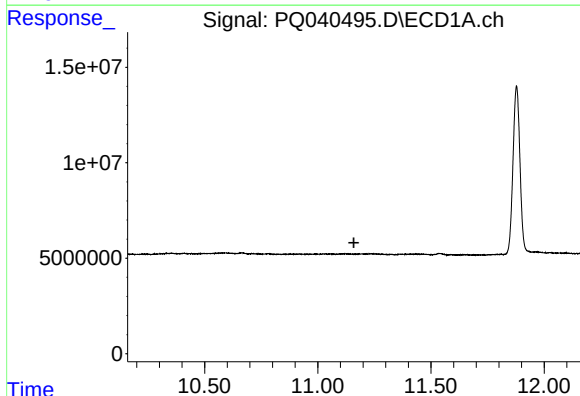
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN21



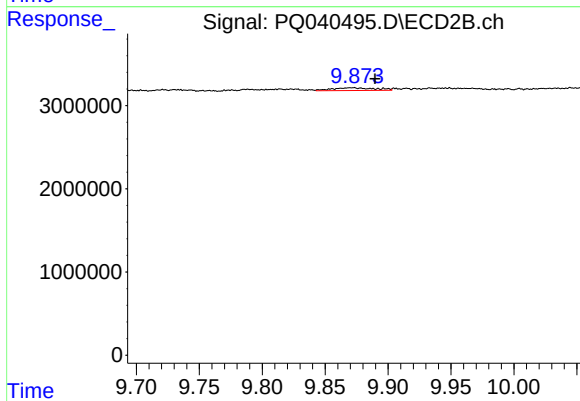
#39 AR-1262-4

R.T.: 9.346 min
Delta R.T.: -0.022 min
Response: 1112671
Conc: 2.94 ng/ml



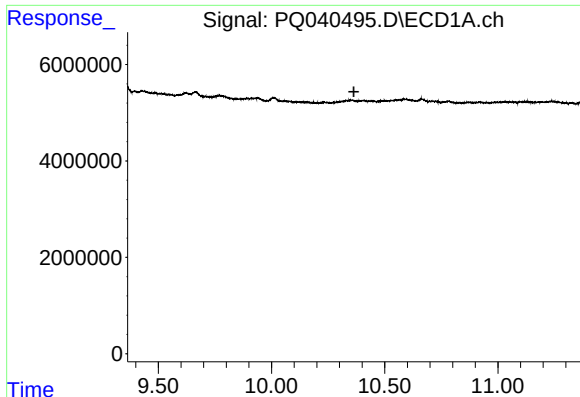
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

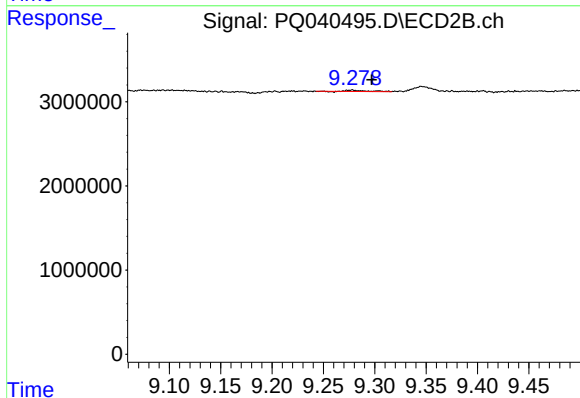
R.T.: 9.871 min
Delta R.T.: -0.019 min
Response: 794805
Conc: 4.90 ng/ml



#41 AR-1268-1

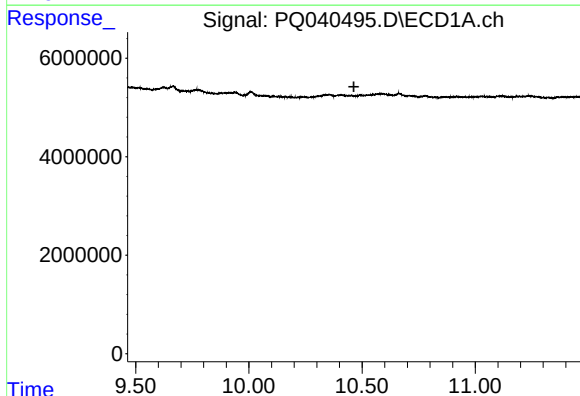
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN21



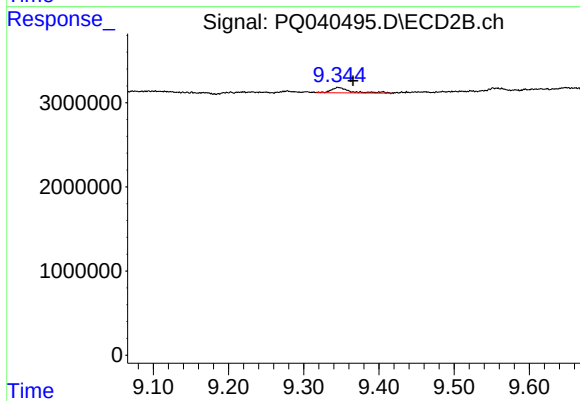
#41 AR-1268-1

R.T.: 9.278 min
Delta R.T.: -0.019 min
Response: 198730
Conc: 0.44 ng/ml



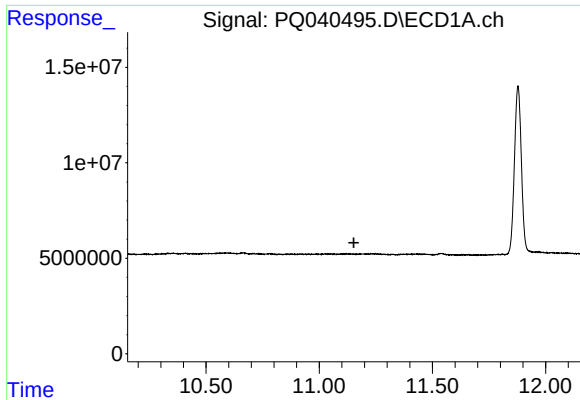
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

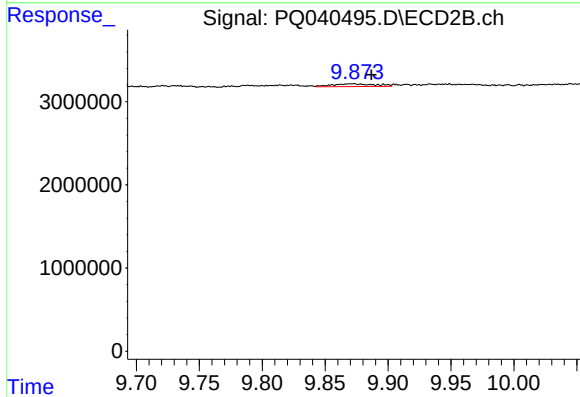
R.T.: 9.346 min
Delta R.T.: -0.019 min
Response: 1112671
Conc: 2.55 ng/ml



#44 AR-1268-4

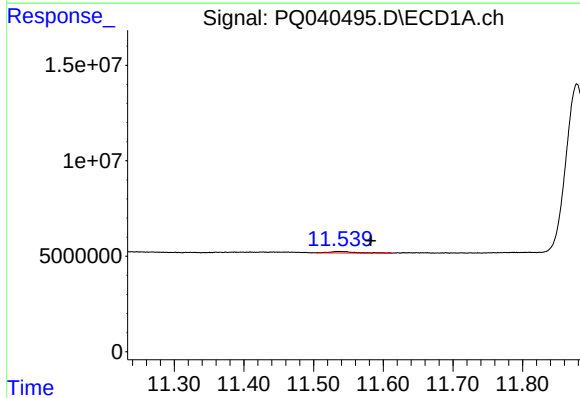
R.T.: 0.000 min
Exp R.T.: 11.153 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN21



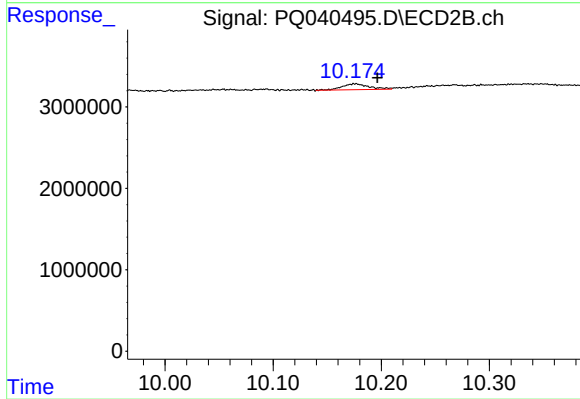
#44 AR-1268-4

R.T.: 9.871 min
Delta R.T.: -0.016 min
Response: 794805
Conc: 5.77 ng/ml



#45 AR-1268-5

R.T.: 11.537 min
Delta R.T.: -0.045 min
Response: 2032778
Conc: 1.10 ng/ml



#45 AR-1268-5

R.T.: 10.176 min
Delta R.T.: -0.021 min
Response: 1262810
Conc: 1.07 ng/ml