

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080919\
 Data File : PQ042232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2019 07:21
 Operator : SM\AJ
 Sample : K4253-04
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETP73

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 01:04:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.678	4.738	43978908	39760989	19.176	20.631
2)	SA Decachlor...	12.065	10.487	200.7E6	150.2E6	23.807	31.052 #
Target Compounds							
3)	L1 AR-1016-1	7.117	6.188	3116918	1781116	28.838	17.164 #
4)	L1 AR-1016-2	7.117	6.188	3116918	1781116	19.913	12.432 #
5)	L1 AR-1016-3	7.301	6.485	31353515	1956310	324.141	26.234 #
6)	L1 AR-1016-4	7.301	6.485	31353515	1956310	401.895	31.548 #
7)	L1 AR-1016-5	7.720	6.757	15949534	7978174	202.894	98.008 #
10)	L2 AR-1221-3	0.000	5.338	0	2449925	N.D.	44.926 #
11)	L3 AR-1232-1	0.000	5.338	0	2449925	N.D.	50.736 #
12)	L3 AR-1232-2	6.771	6.188	2254660	1781116	68.621	31.232 #
13)	L3 AR-1232-3	7.117	6.485	3116918	1956310	46.686	65.605 #
14)	L3 AR-1232-4	7.301	6.485	31353515	1956310	977.457	73.279 #
15)	L3 AR-1232-5	7.437	6.757	2415775	7978174	112.412	272.050 #
16)	L4 AR-1242-1	7.117	6.188	3116918	1781116	34.846	21.763 #
17)	L4 AR-1242-2	7.117	6.188	3116918	1781116	24.239	15.771 #
18)	L4 AR-1242-3	7.301	6.485	31353515	1956310	386.668	33.117 #
19)	L4 AR-1242-4	7.301	6.485	31353515	1956310	487.707	32.992 #
20)	L4 AR-1242-5	8.182	7.135	10838549	47098225	122.158	530.420 #
21)	L5 AR-1248-1	7.117	6.188	3116918	1781116	42.043	26.863 #
22)	L5 AR-1248-2	7.437	6.485	2415775	1956310	26.184	22.438
23)	L5 AR-1248-3	7.720	6.485	15949534	1956310	142.354	21.918 #
24)	L5 AR-1248-4	8.120	6.757	95909432	7978174	613.395	72.436 #
25)	L5 AR-1248-5	8.182	7.193	10838549	8443659	71.625	65.876
26)	L6 AR-1254-1	8.063	7.135	7560672	47098225	54.348	257.530 #
27)	L6 AR-1254-2	8.329	7.307	31972157	5846149	139.688	36.116 #
28)	L6 AR-1254-3	8.721	7.757	31230636	14915918	114.219	51.718 #
29)	L6 AR-1254-4	9.017	8.007	12613940	5503519	51.240	25.353 #
30)	L6 AR-1254-5	9.458	8.487	31289496	5891004	115.525	19.587 #
31)	L7 AR-1260-1	8.888	7.899	12238400	9968573	68.799	54.945
32)	L7 AR-1260-2	9.208	8.100	19479657	8518334	77.216	34.721 #
33)	L7 AR-1260-3	9.519	8.310	9598496	5328438	41.890	25.042 #
34)	L7 AR-1260-4	9.766	8.765	22968546	2944472	89.952	14.556 #
35)	L7 AR-1260-5	10.121	9.014	11739213	12298011	17.428	20.837
36)	L8 AR-1262-1	9.672	8.565	5194651	4694185	33.798	32.720
37)	L8 AR-1262-2	10.121	9.014	11739213	12298011	13.410	16.595
38)	L8 AR-1262-3	10.475	9.307	13027591	2089081	20.516	6.603 #
39)	L8 AR-1262-4	10.532	9.374	4849696	4963154	9.686	8.825
40)	L8 AR-1262-5	11.259	9.897	14775139	1778835	36.293	6.228 #
41)	L9 AR-1268-1	10.475	9.307	13027591	2089081	9.145	1.827 #
42)	L9 AR-1268-2	10.532	9.374	4849696	4963154	3.677	4.835 #
44)	L9 AR-1268-4	11.259	9.897	14775139	1778835	27.139	4.624 #
45)	L9 AR-1268-5	11.704	10.211	4817275	2936165	1.189	1.130

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080919\
Data File : PQ042232.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2019 07:21
Operator : SM\AJ
Sample : K4253-04
Misc :
ALS Vial : 58 Sample Multiplier: 1

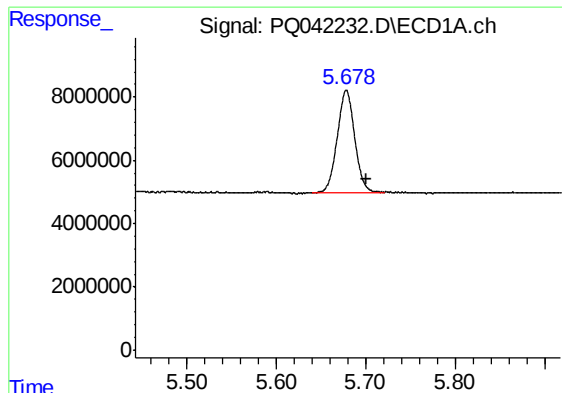
Instrument :
ECD_Q
ClientSampleId :
ETP73

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 01:04:54 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

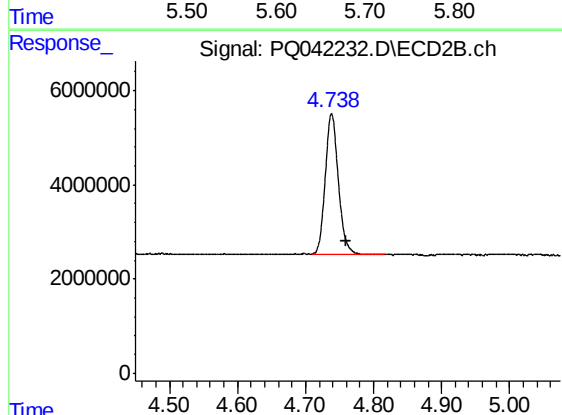
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

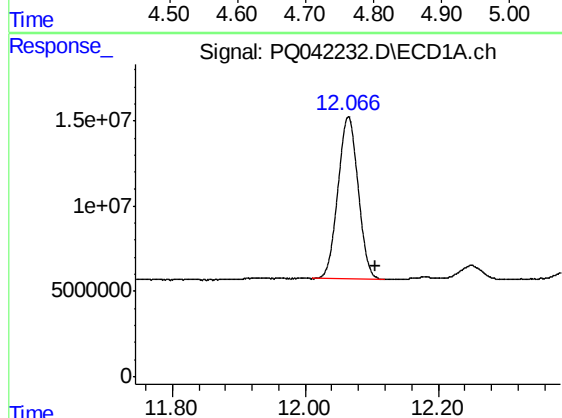
R.T.: 5.678 min
Delta R.T.: -0.023 min
Response: 43978908
Conc: 19.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



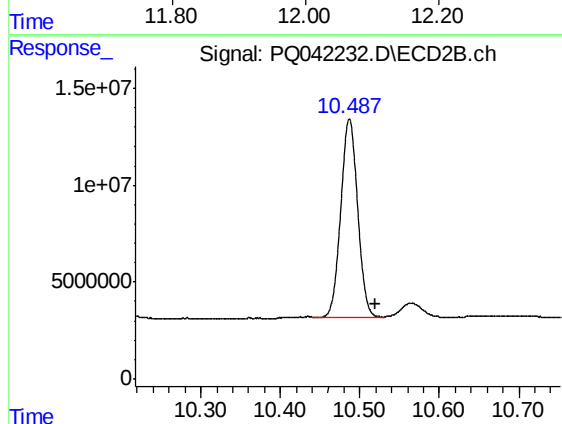
#1 Tetrachloro-m-xylene

R.T.: 4.738 min
Delta R.T.: -0.021 min
Response: 39760989
Conc: 20.63 ng/ml



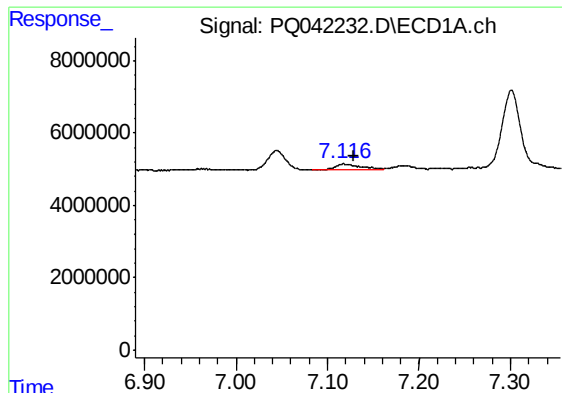
#2 Decachlorobiphenyl

R.T.: 12.065 min
Delta R.T.: -0.040 min
Response: 200725680
Conc: 23.81 ng/ml



#2 Decachlorobiphenyl

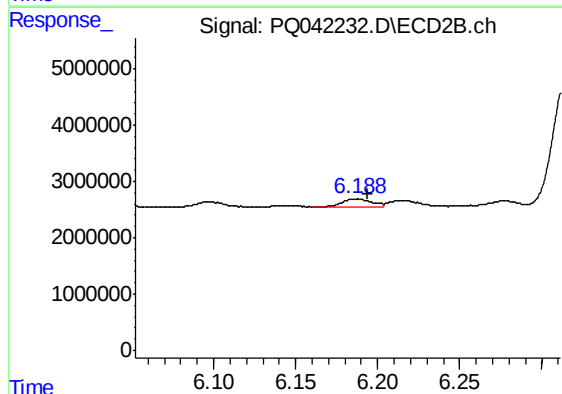
R.T.: 10.487 min
Delta R.T.: -0.033 min
Response: 150207564
Conc: 31.05 ng/ml



#3 AR-1016-1

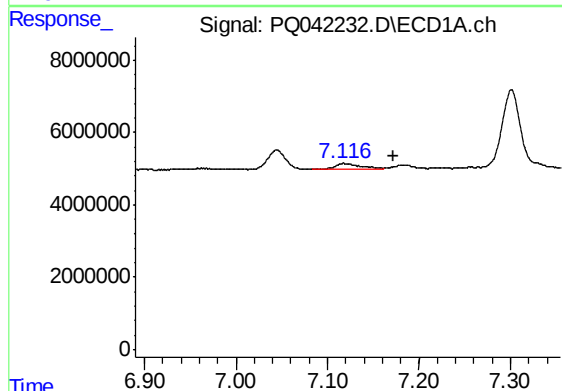
R.T.: 7.117 min
Delta R.T.: -0.012 min
Response: 3116918
Conc: 28.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



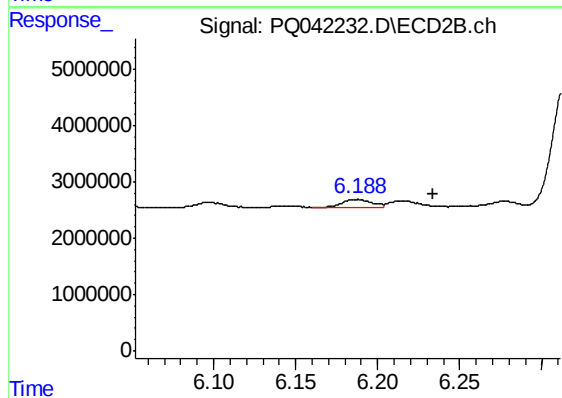
#3 AR-1016-1

R.T.: 6.188 min
Delta R.T.: -0.006 min
Response: 1781116
Conc: 17.16 ng/ml



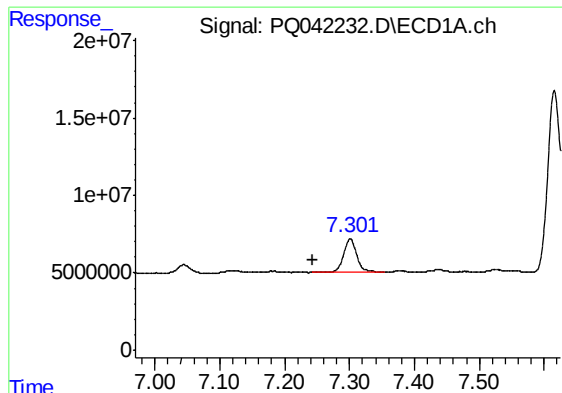
#4 AR-1016-2

R.T.: 7.117 min
Delta R.T.: -0.055 min
Response: 3116918
Conc: 19.91 ng/ml



#4 AR-1016-2

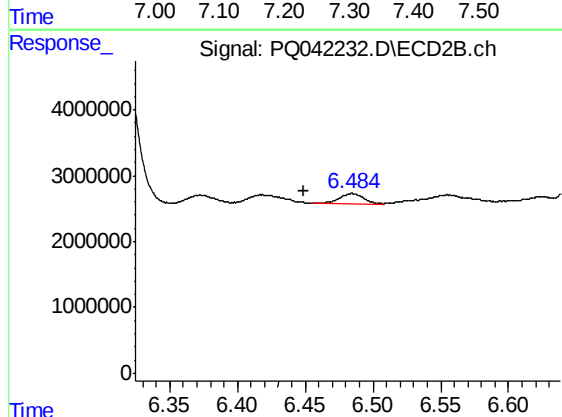
R.T.: 6.188 min
Delta R.T.: -0.046 min
Response: 1781116
Conc: 12.43 ng/ml



#5 AR-1016-3

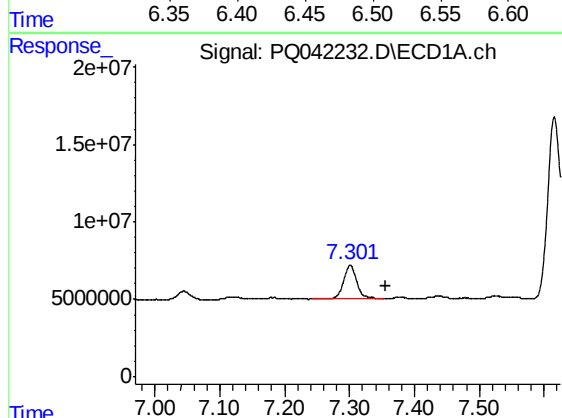
R.T.: 7.301 min
Delta R.T.: 0.058 min
Response: 31353515
Conc: 324.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



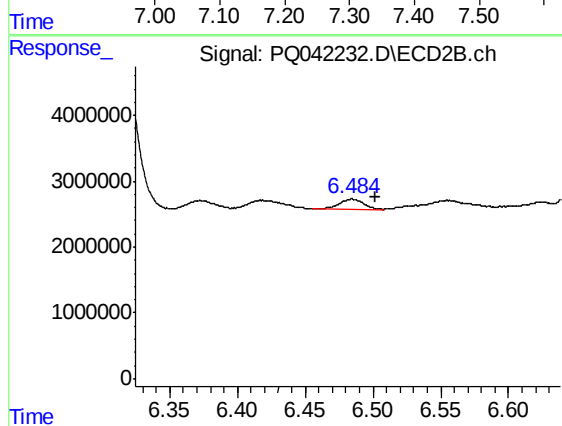
#5 AR-1016-3

R.T.: 6.485 min
Delta R.T.: 0.036 min
Response: 1956310
Conc: 26.23 ng/ml



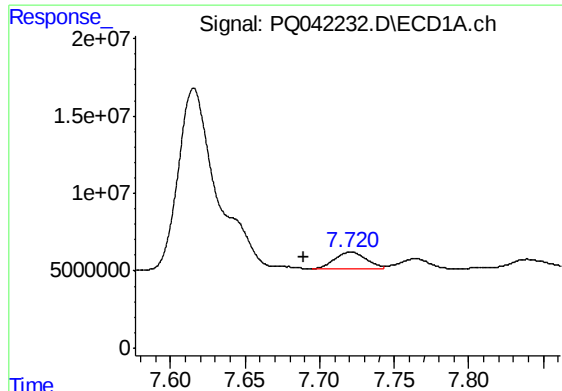
#6 AR-1016-4

R.T.: 7.301 min
Delta R.T.: -0.055 min
Response: 31353515
Conc: 401.89 ng/ml



#6 AR-1016-4

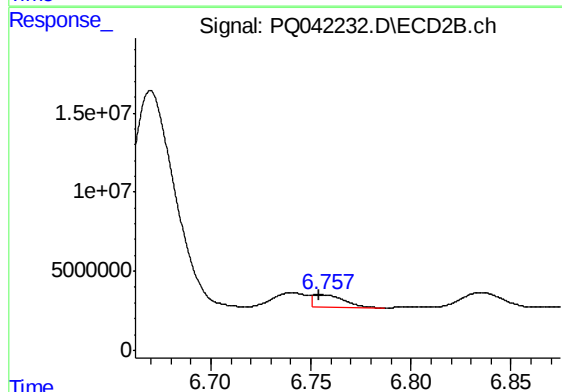
R.T.: 6.485 min
Delta R.T.: -0.017 min
Response: 1956310
Conc: 31.55 ng/ml



#7 AR-1016-5

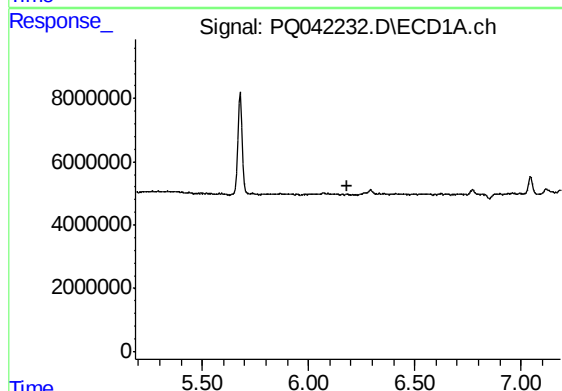
R.T.: 7.720 min
Delta R.T.: 0.031 min
Response: 15949534
Conc: 202.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



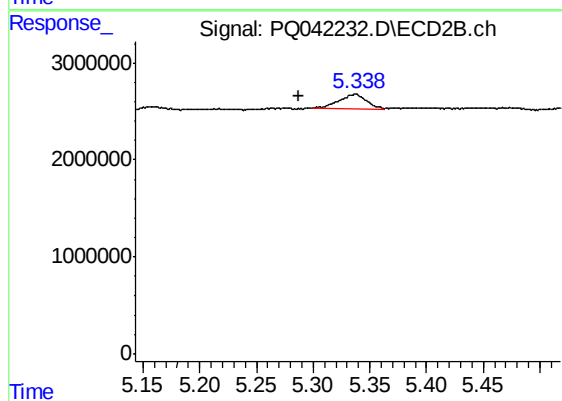
#7 AR-1016-5

R.T.: 6.757 min
Delta R.T.: 0.003 min
Response: 7978174
Conc: 98.01 ng/ml



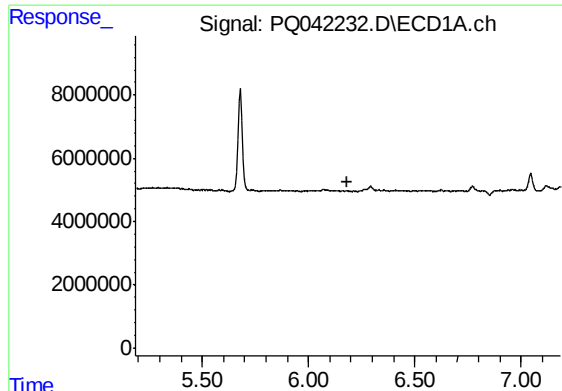
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

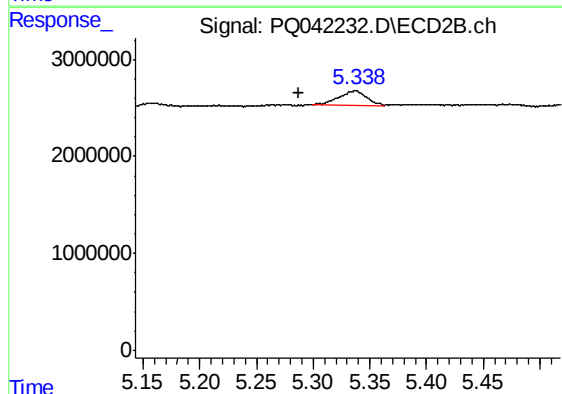
R.T.: 5.338 min
Delta R.T.: 0.051 min
Response: 2449925
Conc: 44.93 ng/ml



#11 AR-1232-1

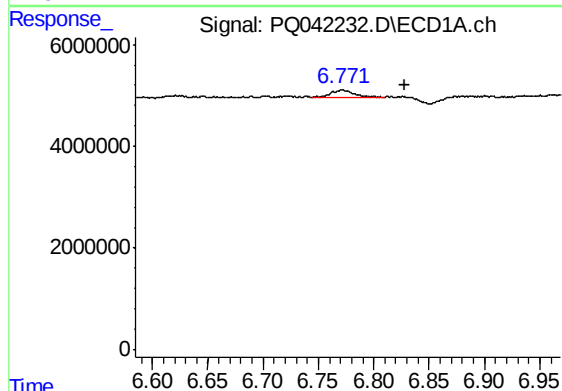
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETP73



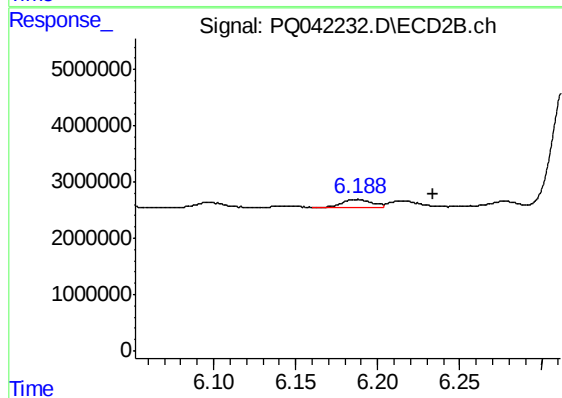
#11 AR-1232-1

R.T.: 5.338 min
Delta R.T.: 0.050 min
Response: 2449925
Conc: 50.74 ng/ml



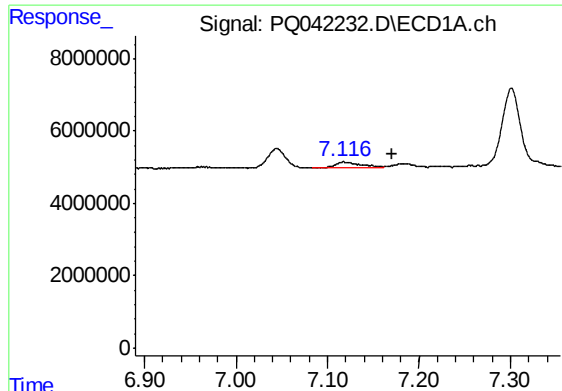
#12 AR-1232-2

R.T.: 6.771 min
Delta R.T.: -0.056 min
Response: 2254660
Conc: 68.62 ng/ml



#12 AR-1232-2

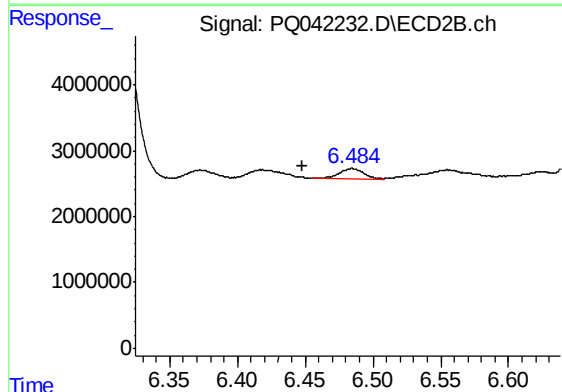
R.T.: 6.188 min
Delta R.T.: -0.046 min
Response: 1781116
Conc: 31.23 ng/ml



#13 AR-1232-3

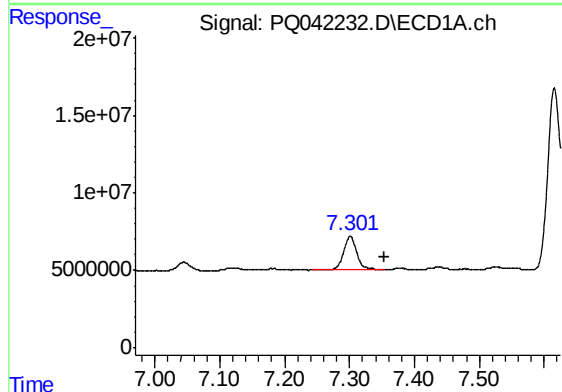
R.T.: 7.117 min
Delta R.T.: -0.053 min
Response: 3116918
Conc: 46.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



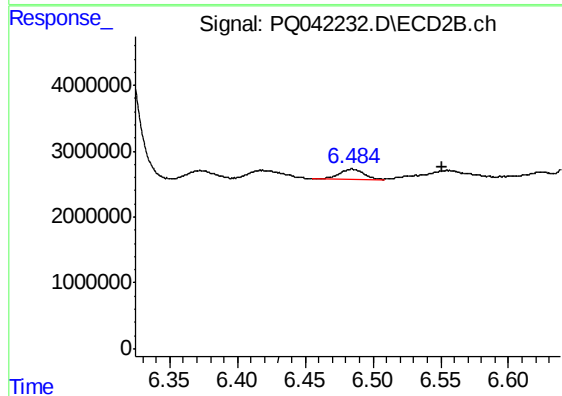
#13 AR-1232-3

R.T.: 6.485 min
Delta R.T.: 0.037 min
Response: 1956310
Conc: 65.61 ng/ml



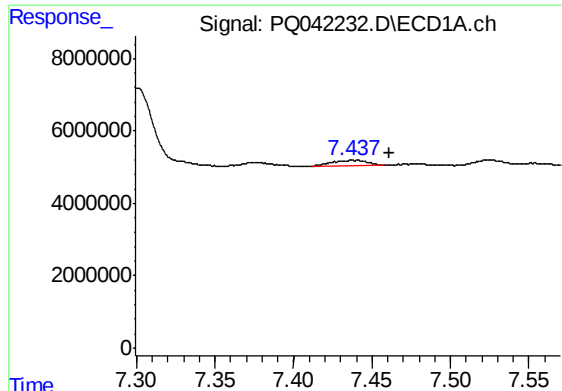
#14 AR-1232-4

R.T.: 7.301 min
Delta R.T.: -0.053 min
Response: 31353515
Conc: 977.46 ng/ml



#14 AR-1232-4

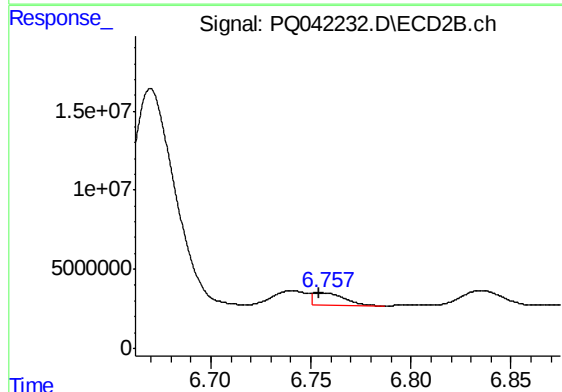
R.T.: 6.485 min
Delta R.T.: -0.067 min
Response: 1956310
Conc: 73.28 ng/ml



#15 AR-1232-5

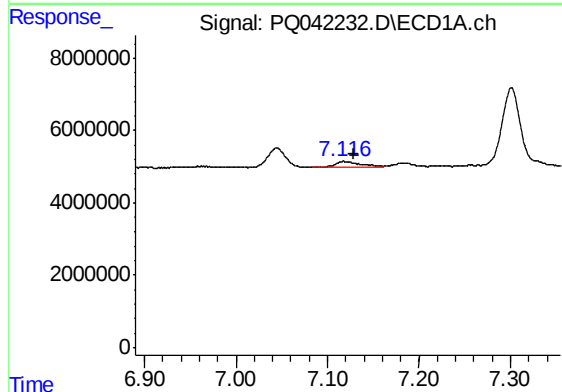
R.T.: 7.437 min
Delta R.T.: -0.024 min
Response: 2415775
Conc: 112.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



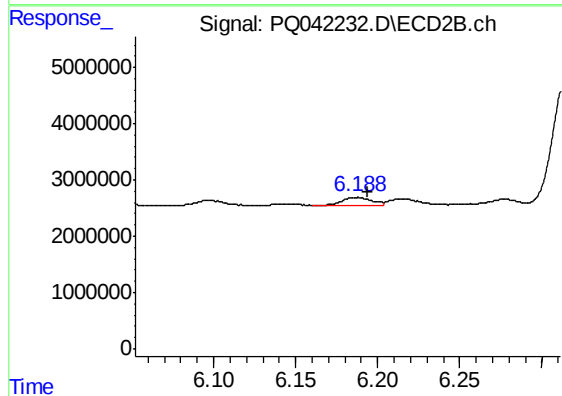
#15 AR-1232-5

R.T.: 6.757 min
Delta R.T.: 0.003 min
Response: 7978174
Conc: 272.05 ng/ml



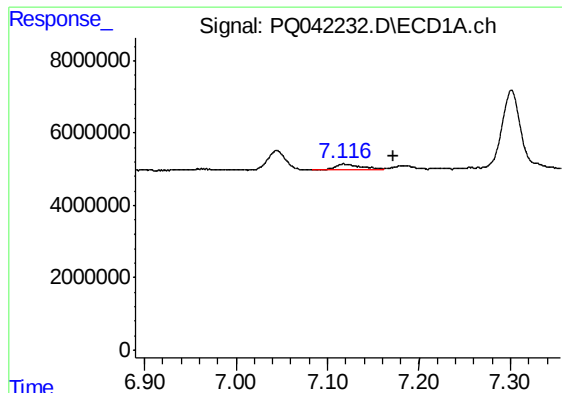
#16 AR-1242-1

R.T.: 7.117 min
Delta R.T.: -0.012 min
Response: 3116918
Conc: 34.85 ng/ml



#16 AR-1242-1

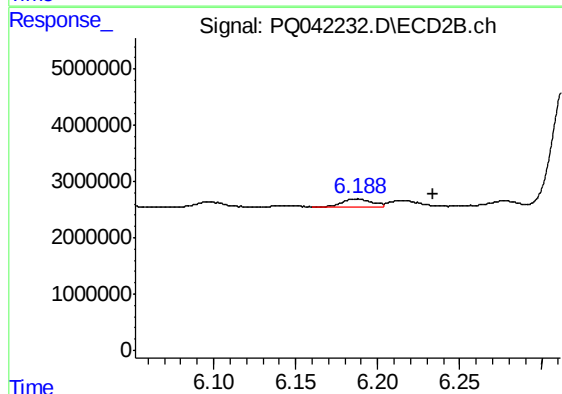
R.T.: 6.188 min
Delta R.T.: -0.006 min
Response: 1781116
Conc: 21.76 ng/ml



#17 AR-1242-2

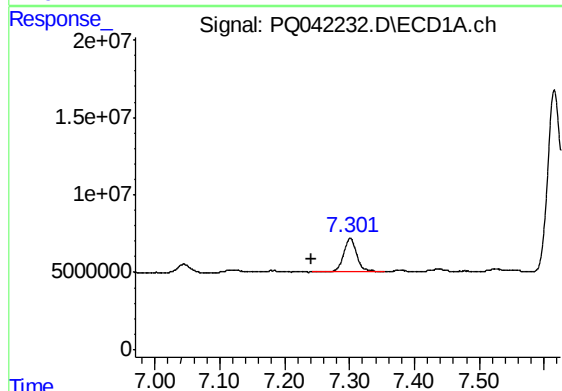
R.T.: 7.117 min
Delta R.T.: -0.054 min
Response: 3116918
Conc: 24.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



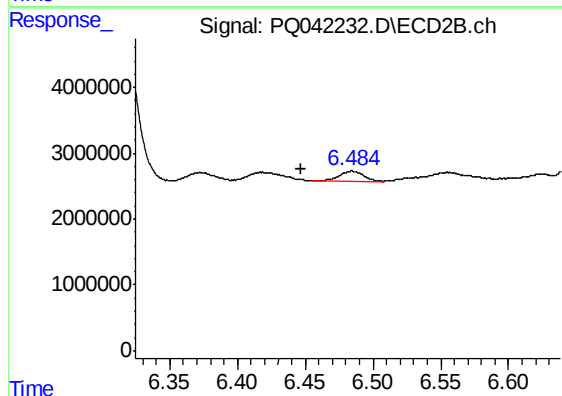
#17 AR-1242-2

R.T.: 6.188 min
Delta R.T.: -0.046 min
Response: 1781116
Conc: 15.77 ng/ml



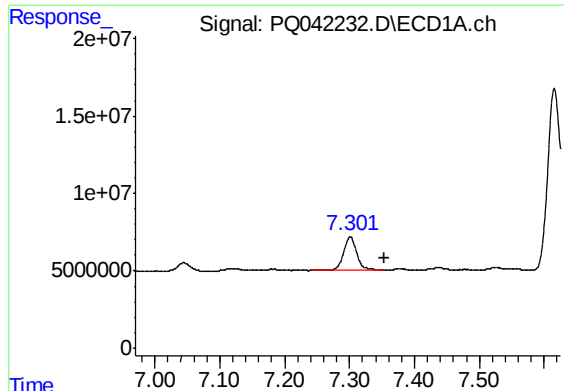
#18 AR-1242-3

R.T.: 7.301 min
Delta R.T.: 0.059 min
Response: 31353515
Conc: 386.67 ng/ml



#18 AR-1242-3

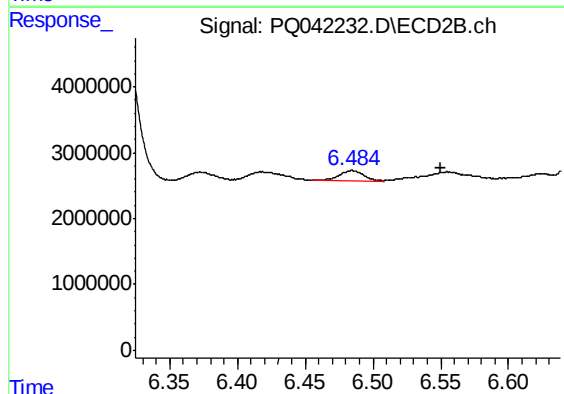
R.T.: 6.485 min
Delta R.T.: 0.038 min
Response: 1956310
Conc: 33.12 ng/ml



#19 AR-1242-4

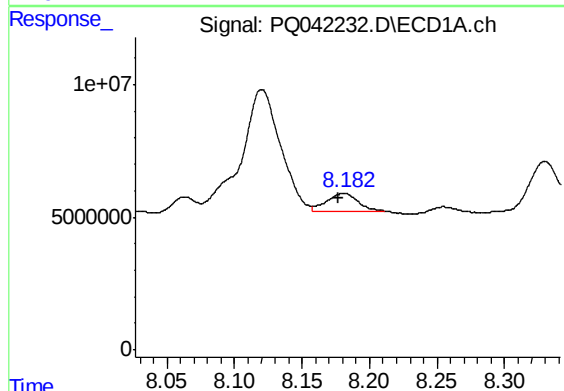
R.T.: 7.301 min
Delta R.T.: -0.053 min
Response: 31353515
Conc: 487.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



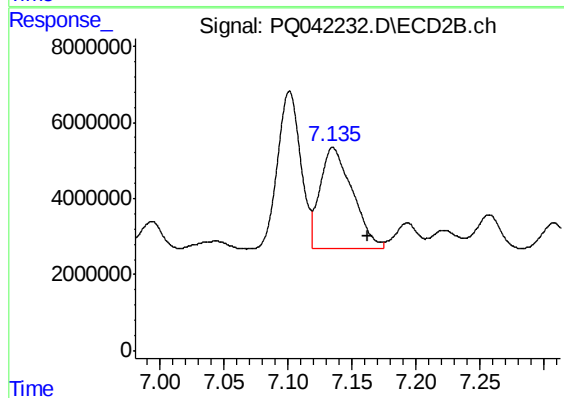
#19 AR-1242-4

R.T.: 6.485 min
Delta R.T.: -0.066 min
Response: 1956310
Conc: 32.99 ng/ml



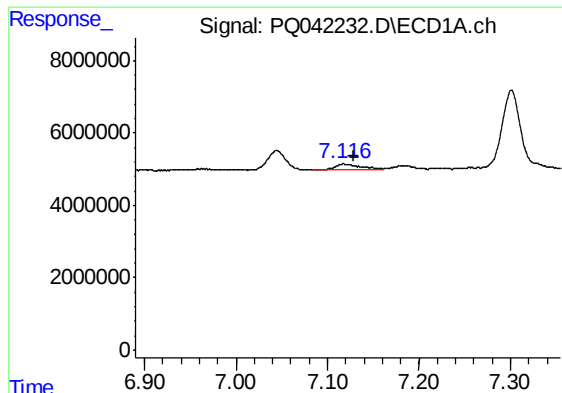
#20 AR-1242-5

R.T.: 8.182 min
Delta R.T.: 0.005 min
Response: 10838549
Conc: 122.16 ng/ml



#20 AR-1242-5

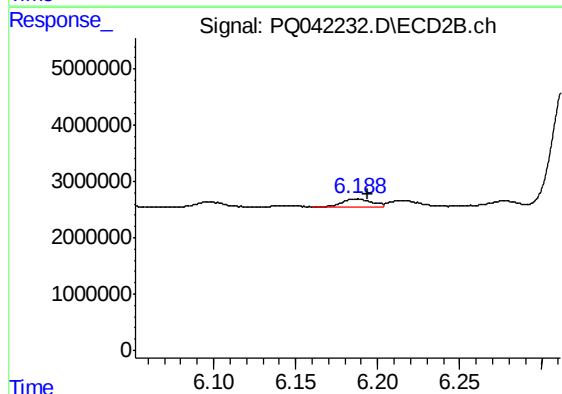
R.T.: 7.135 min
Delta R.T.: -0.027 min
Response: 47098225
Conc: 530.42 ng/ml



#21 AR-1248-1

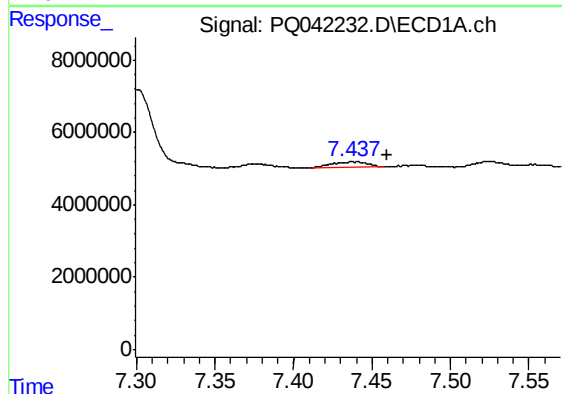
R.T.: 7.117 min
Delta R.T.: -0.011 min
Response: 3116918
Conc: 42.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



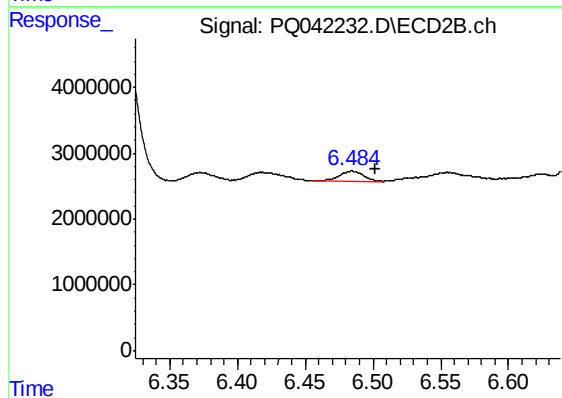
#21 AR-1248-1

R.T.: 6.188 min
Delta R.T.: -0.006 min
Response: 1781116
Conc: 26.86 ng/ml



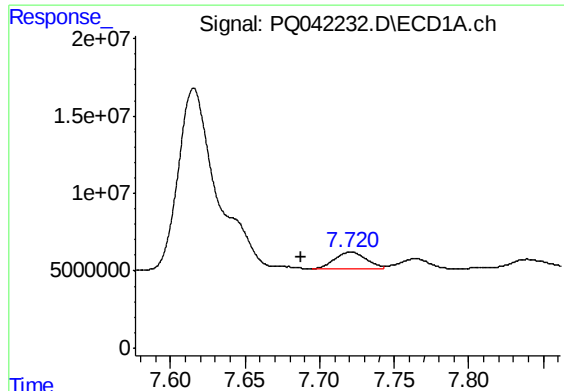
#22 AR-1248-2

R.T.: 7.437 min
Delta R.T.: -0.023 min
Response: 2415775
Conc: 26.18 ng/ml



#22 AR-1248-2

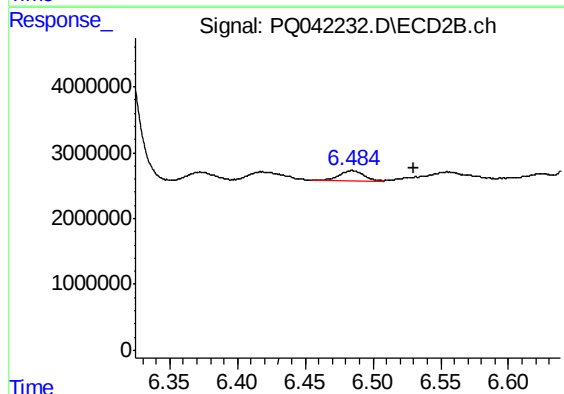
R.T.: 6.485 min
Delta R.T.: -0.017 min
Response: 1956310
Conc: 22.44 ng/ml



#23 AR-1248-3

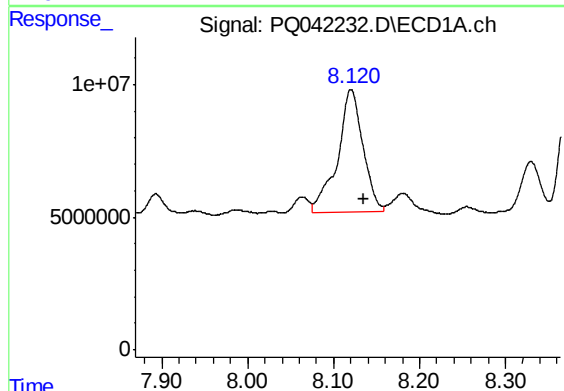
R.T.: 7.720 min
Delta R.T.: 0.033 min
Response: 15949534
Conc: 142.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



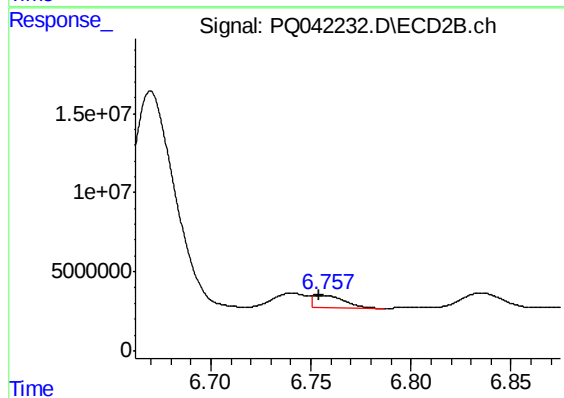
#23 AR-1248-3

R.T.: 6.485 min
Delta R.T.: -0.045 min
Response: 1956310
Conc: 21.92 ng/ml



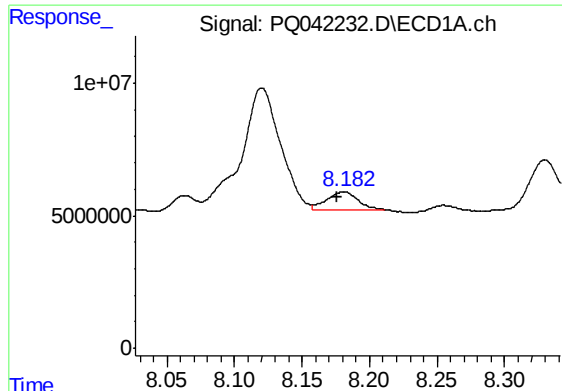
#24 AR-1248-4

R.T.: 8.120 min
Delta R.T.: -0.015 min
Response: 95909432
Conc: 613.40 ng/ml



#24 AR-1248-4

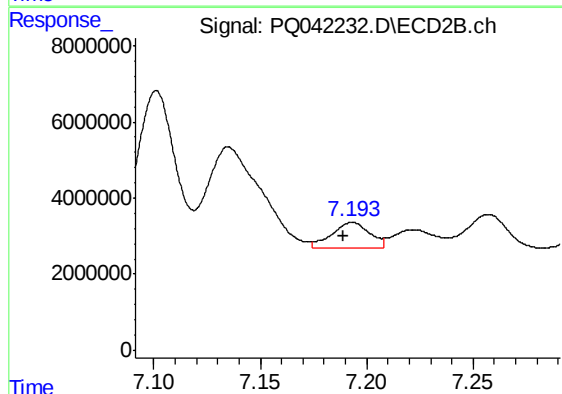
R.T.: 6.757 min
Delta R.T.: 0.003 min
Response: 7978174
Conc: 72.44 ng/ml



#25 AR-1248-5

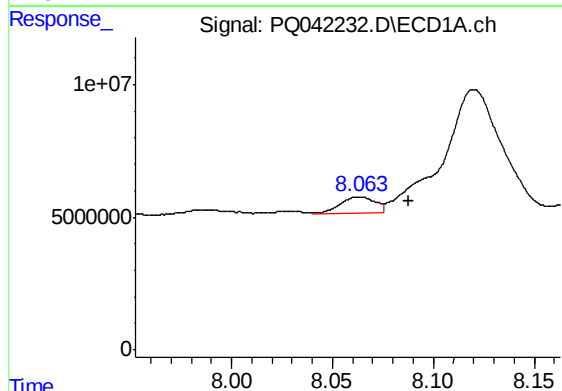
R.T.: 8.182 min
Delta R.T.: 0.006 min
Response: 10838549
Conc: 71.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



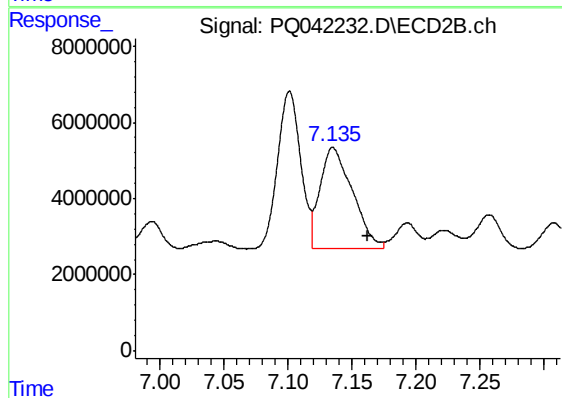
#25 AR-1248-5

R.T.: 7.193 min
Delta R.T.: 0.004 min
Response: 8443659
Conc: 65.88 ng/ml



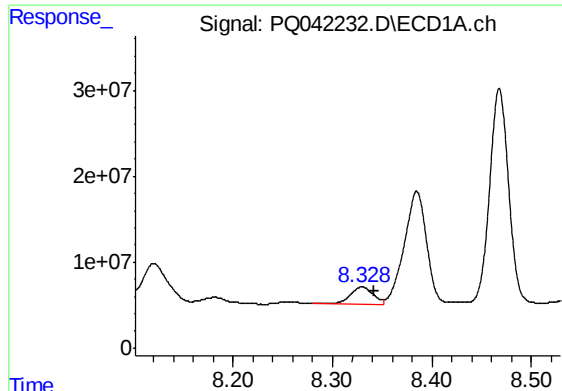
#26 AR-1254-1

R.T.: 8.063 min
Delta R.T.: -0.025 min
Response: 7560672
Conc: 54.35 ng/ml



#26 AR-1254-1

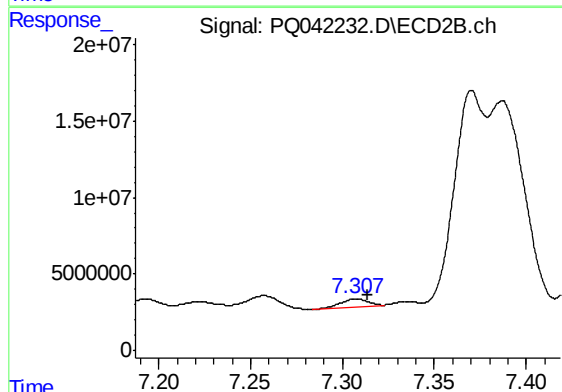
R.T.: 7.135 min
Delta R.T.: -0.027 min
Response: 47098225
Conc: 257.53 ng/ml



#27 AR-1254-2

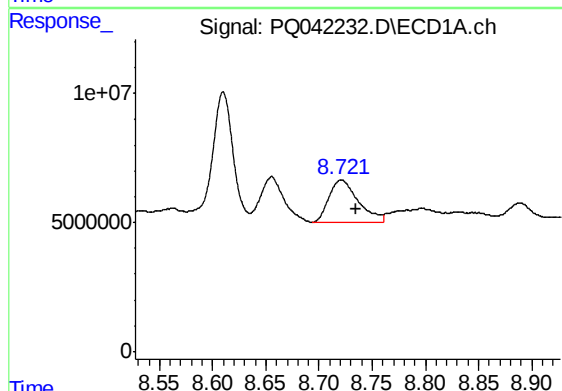
R.T.: 8.329 min
Delta R.T.: -0.013 min
Response: 31972157
Conc: 139.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



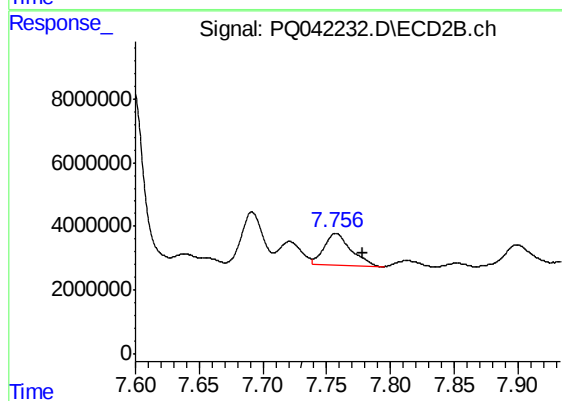
#27 AR-1254-2

R.T.: 7.307 min
Delta R.T.: -0.007 min
Response: 5846149
Conc: 36.12 ng/ml



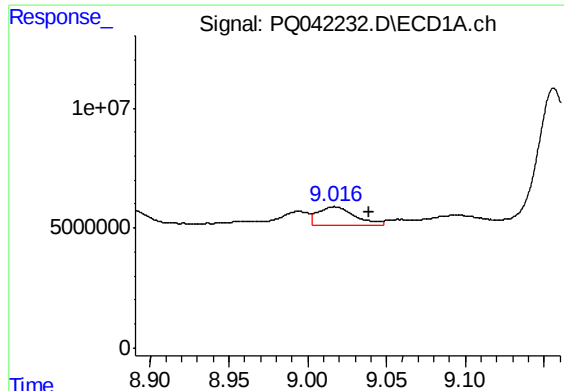
#28 AR-1254-3

R.T.: 8.721 min
Delta R.T.: -0.014 min
Response: 31230636
Conc: 114.22 ng/ml



#28 AR-1254-3

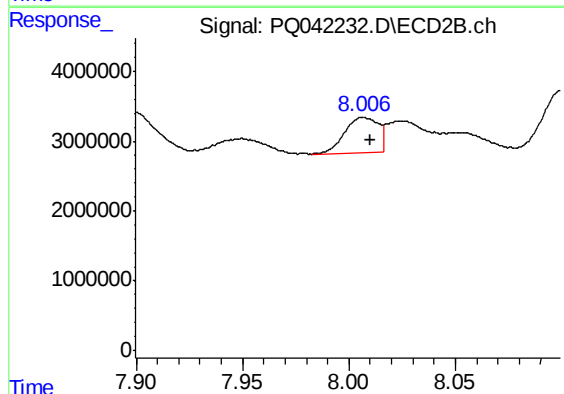
R.T.: 7.757 min
Delta R.T.: -0.021 min
Response: 14915918
Conc: 51.72 ng/ml



#29 AR-1254-4

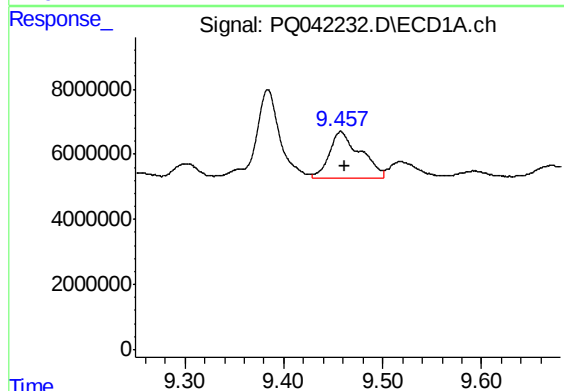
R.T.: 9.017 min
Delta R.T.: -0.021 min
Response: 12613940
Conc: 51.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



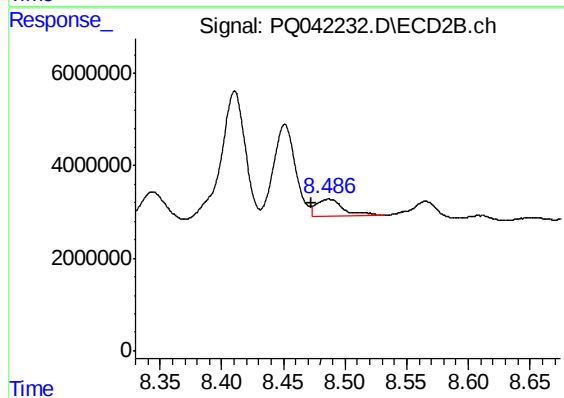
#29 AR-1254-4

R.T.: 8.007 min
Delta R.T.: -0.003 min
Response: 5503519
Conc: 25.35 ng/ml



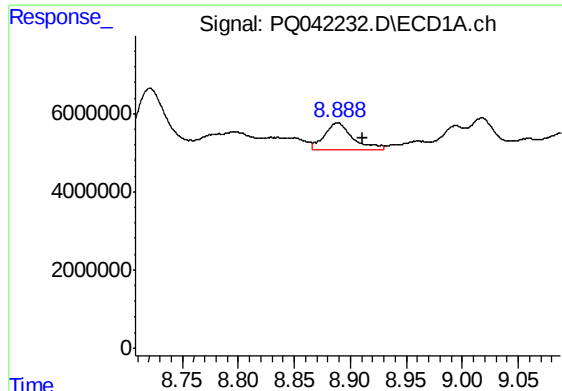
#30 AR-1254-5

R.T.: 9.458 min
Delta R.T.: -0.003 min
Response: 31289496
Conc: 115.53 ng/ml



#30 AR-1254-5

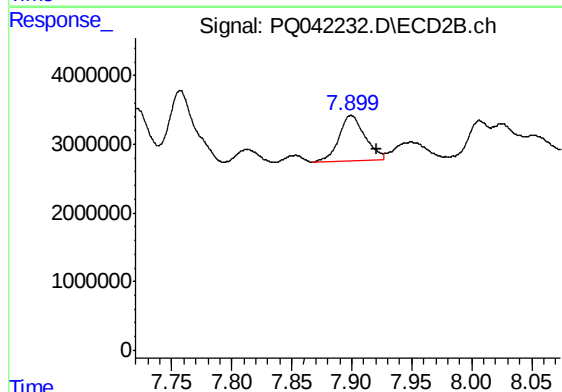
R.T.: 8.487 min
Delta R.T.: 0.014 min
Response: 5891004
Conc: 19.59 ng/ml



#31 AR-1260-1

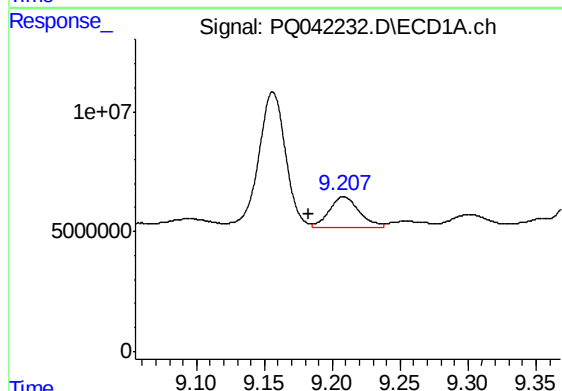
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 12238400
Conc: 68.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



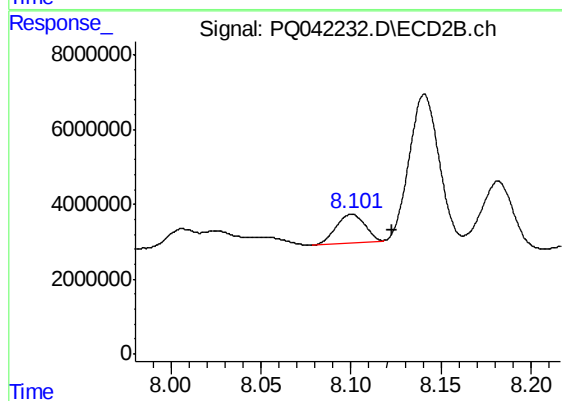
#31 AR-1260-1

R.T.: 7.899 min
Delta R.T.: -0.022 min
Response: 9968573
Conc: 54.94 ng/ml



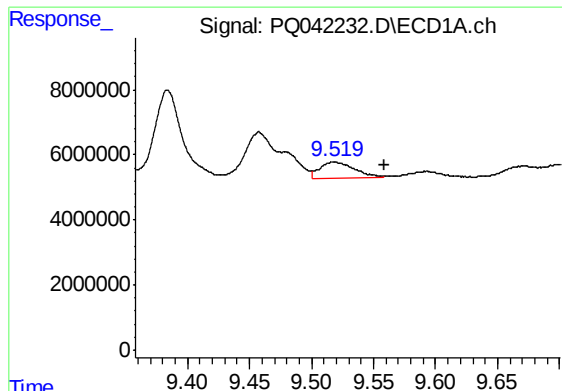
#32 AR-1260-2

R.T.: 9.208 min
Delta R.T.: 0.026 min
Response: 19479657
Conc: 77.22 ng/ml



#32 AR-1260-2

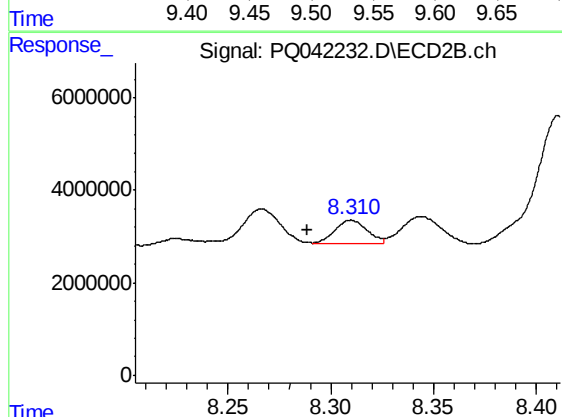
R.T.: 8.100 min
Delta R.T.: -0.023 min
Response: 8518334
Conc: 34.72 ng/ml



#33 AR-1260-3

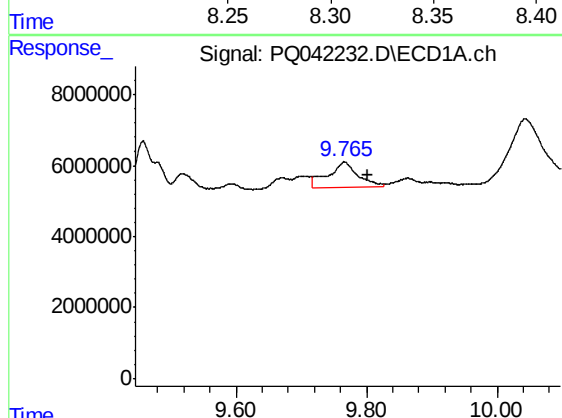
R.T.: 9.519 min
Delta R.T.: -0.040 min
Response: 9598496
Conc: 41.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



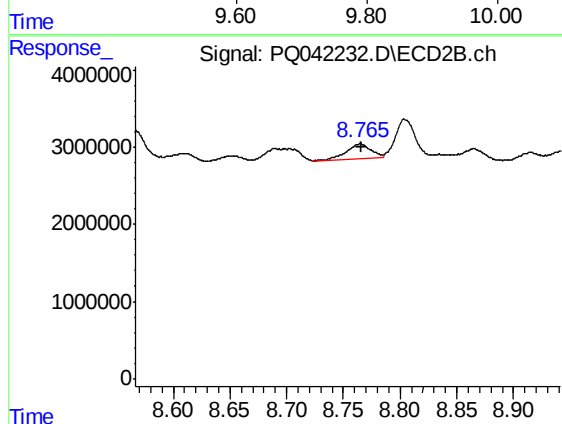
#33 AR-1260-3

R.T.: 8.310 min
Delta R.T.: 0.021 min
Response: 5328438
Conc: 25.04 ng/ml



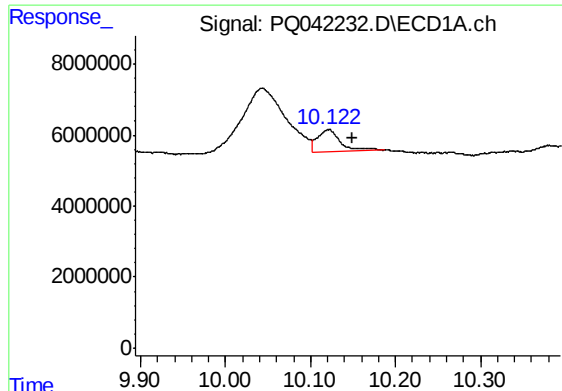
#34 AR-1260-4

R.T.: 9.766 min
Delta R.T.: -0.036 min
Response: 22968546
Conc: 89.95 ng/ml



#34 AR-1260-4

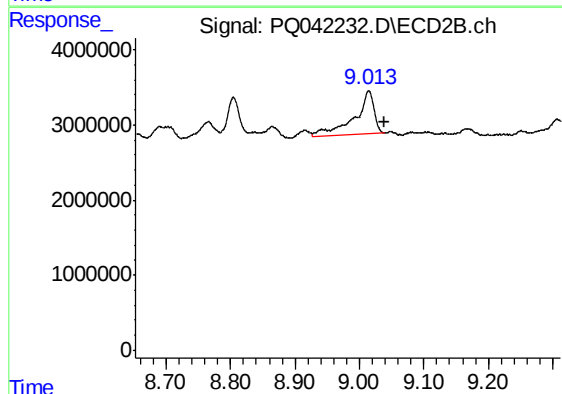
R.T.: 8.765 min
Delta R.T.: 0.000 min
Response: 2944472
Conc: 14.56 ng/ml



#35 AR-1260-5

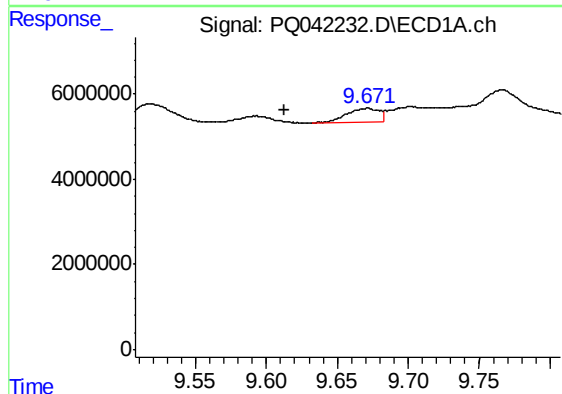
R.T.: 10.121 min
Delta R.T.: -0.028 min
Response: 11739213
Conc: 17.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



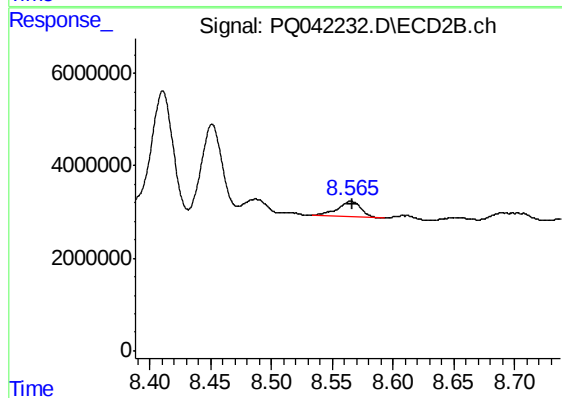
#35 AR-1260-5

R.T.: 9.014 min
Delta R.T.: -0.024 min
Response: 12298011
Conc: 20.84 ng/ml



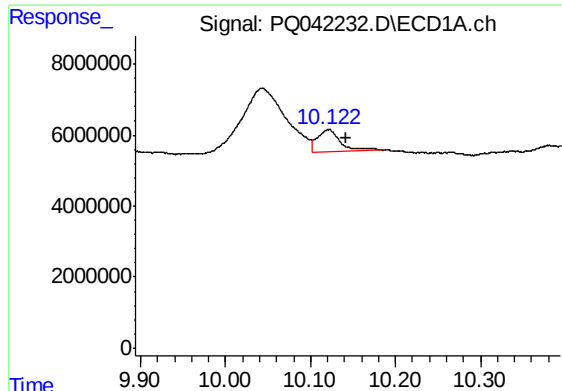
#36 AR-1262-1

R.T.: 9.672 min
Delta R.T.: 0.059 min
Response: 5194651
Conc: 33.80 ng/ml



#36 AR-1262-1

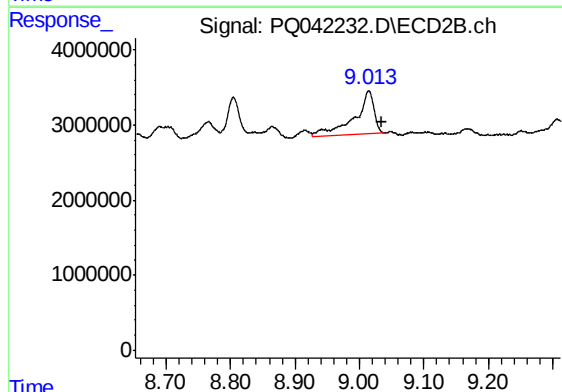
R.T.: 8.565 min
Delta R.T.: -0.001 min
Response: 4694185
Conc: 32.72 ng/ml



#37 AR-1262-2

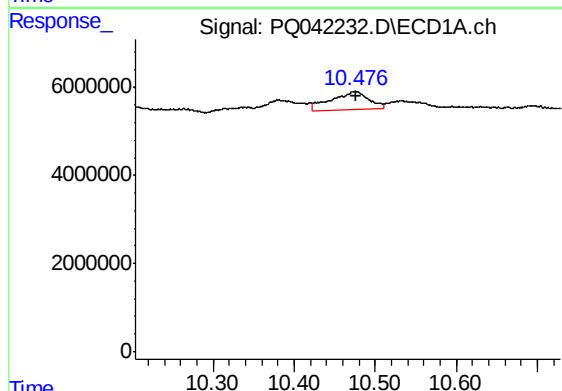
R.T.: 10.121 min
Delta R.T.: -0.021 min
Response: 11739213
Conc: 13.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



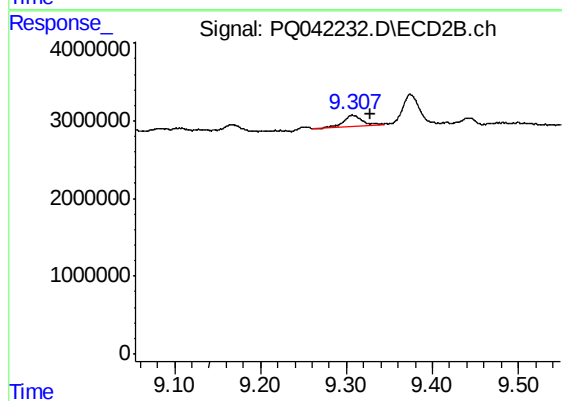
#37 AR-1262-2

R.T.: 9.014 min
Delta R.T.: -0.020 min
Response: 12298011
Conc: 16.60 ng/ml



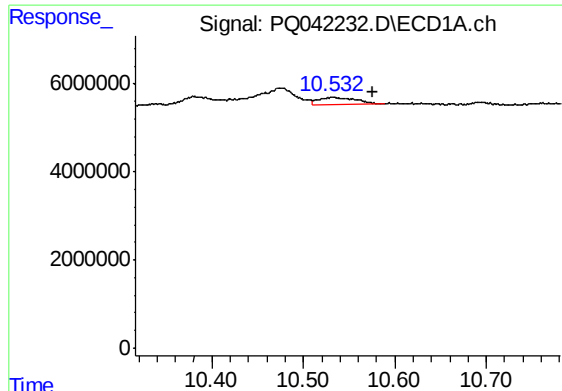
#38 AR-1262-3

R.T.: 10.475 min
Delta R.T.: -0.002 min
Response: 13027591
Conc: 20.52 ng/ml



#38 AR-1262-3

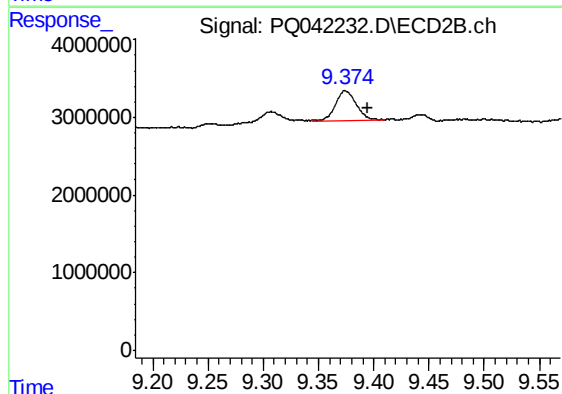
R.T.: 9.307 min
Delta R.T.: -0.020 min
Response: 2089081
Conc: 6.60 ng/ml



#39 AR-1262-4

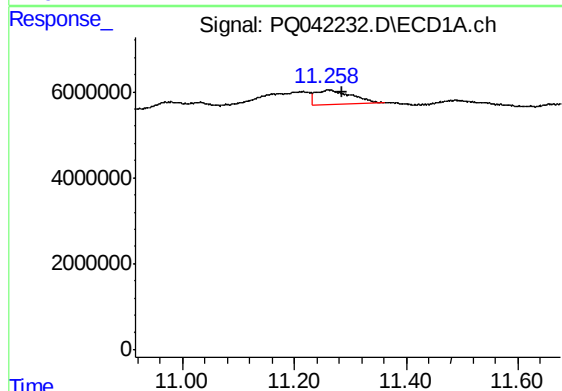
R.T.: 10.532 min
Delta R.T.: -0.044 min
Response: 4849696
Conc: 9.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



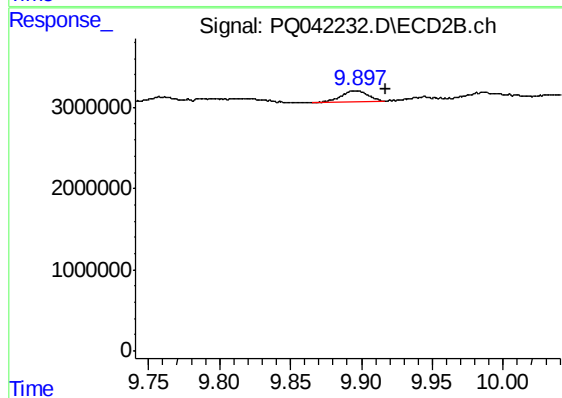
#39 AR-1262-4

R.T.: 9.374 min
Delta R.T.: -0.021 min
Response: 4963154
Conc: 8.83 ng/ml



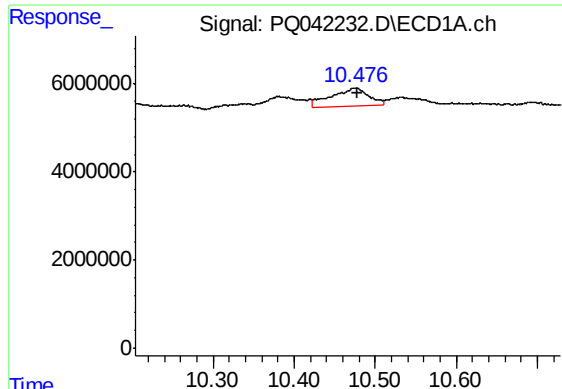
#40 AR-1262-5

R.T.: 11.259 min
Delta R.T.: -0.027 min
Response: 14775139
Conc: 36.29 ng/ml



#40 AR-1262-5

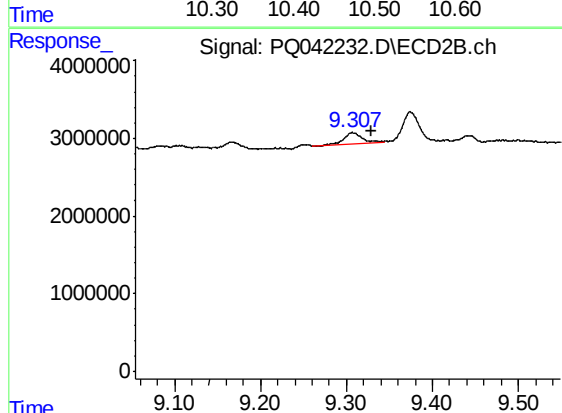
R.T.: 9.897 min
Delta R.T.: -0.021 min
Response: 1778835
Conc: 6.23 ng/ml



#41 AR-1268-1

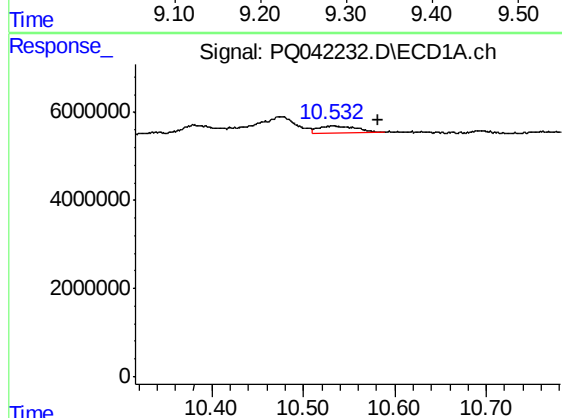
R.T.: 10.475 min
Delta R.T.: -0.003 min
Response: 13027591
Conc: 9.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



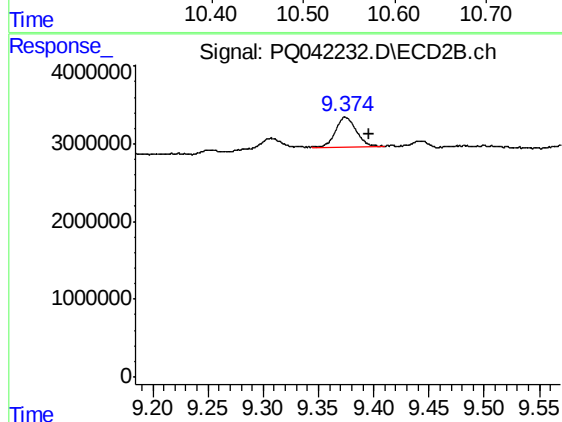
#41 AR-1268-1

R.T.: 9.307 min
Delta R.T.: -0.021 min
Response: 2089081
Conc: 1.83 ng/ml



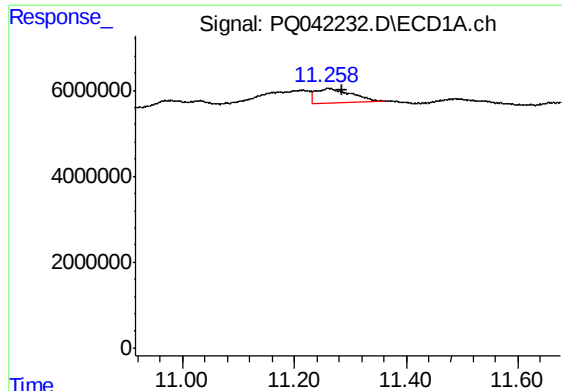
#42 AR-1268-2

R.T.: 10.532 min
Delta R.T.: -0.049 min
Response: 4849696
Conc: 3.68 ng/ml



#42 AR-1268-2

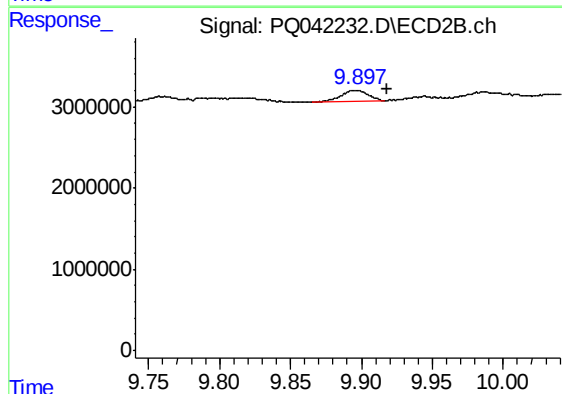
R.T.: 9.374 min
Delta R.T.: -0.022 min
Response: 4963154
Conc: 4.83 ng/ml



#44 AR-1268-4

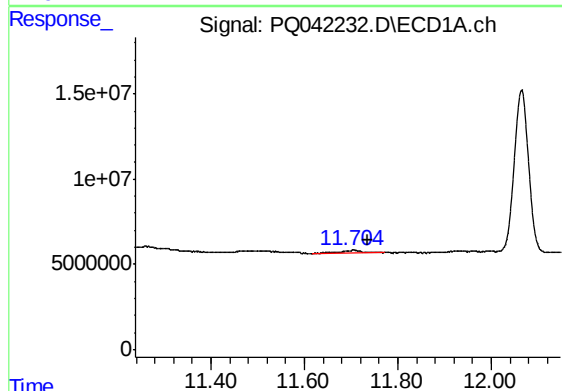
R.T.: 11.259 min
Delta R.T.: -0.027 min
Response: 14775139
Conc: 27.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP73



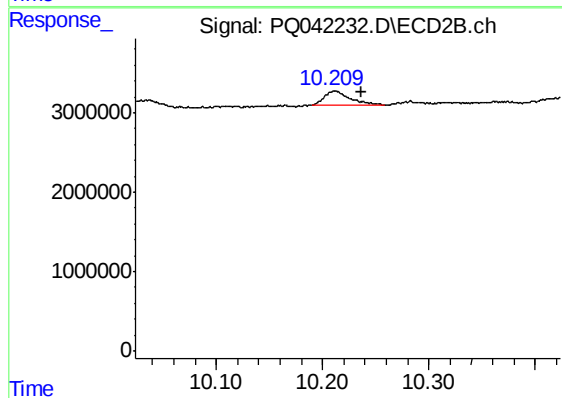
#44 AR-1268-4

R.T.: 9.897 min
Delta R.T.: -0.022 min
Response: 1778835
Conc: 4.62 ng/ml



#45 AR-1268-5

R.T.: 11.704 min
Delta R.T.: -0.030 min
Response: 4817275
Conc: 1.19 ng/ml



#45 AR-1268-5

R.T.: 10.211 min
Delta R.T.: -0.025 min
Response: 2936165
Conc: 1.13 ng/ml