

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 09:07
 Operator : SM\AJ
 Sample : K4457-06
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 10:53:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.626	4.690	62000314	56607584	20.887	22.588
2)	SA Decachlor...	11.982	10.422	198.8E6	166.8E6	26.334	27.323
Target Compounds							
4)	L1 AR-1016-2	7.164	0.000	819531	0	4.453	N.D. #
5)	L1 AR-1016-3	7.164	0.000	819531	0	6.591	N.D. #
6)	L1 AR-1016-4	0.000	6.498	0	1880417	N.D.	26.041 #
7)	L1 AR-1016-5	7.617	6.717	797095	3242967	9.425	36.208 #
9)	L2 AR-1221-2	6.017	5.107	145162	894551	5.958	37.172 #
10)	L2 AR-1221-3	0.000	5.288	0	3506812	N.D.	42.459 #
11)	L3 AR-1232-1	0.000	5.288	0	3506812	N.D.	52.055 #
13)	L3 AR-1232-3	7.164	0.000	819531	0	9.803	N.D. #
14)	L3 AR-1232-4	0.000	6.498	0	1880417	N.D.	47.268 #
15)	L3 AR-1232-5	7.394	6.717	820533	3242967	33.547	81.779 #
17)	L4 AR-1242-2	7.164	0.000	819531	0	5.380	N.D. #
18)	L4 AR-1242-3	7.164	0.000	819531	0	8.041	N.D. #
19)	L4 AR-1242-4	0.000	6.498	0	1880417	N.D.	24.557 #
20)	L4 AR-1242-5	8.063	7.090	6790303	6039060	71.966	53.874 #
22)	L5 AR-1248-2	7.394	6.498	820533	1880417	8.034	17.069 #
23)	L5 AR-1248-3	7.617	6.498	797095	1880417	6.281	16.686 #
24)	L5 AR-1248-4	8.063	6.717	6790303	3242967	40.961	23.738 #
25)	L5 AR-1248-5	8.063	7.090	6790303	6039060	42.650	38.362
26)	L6 AR-1254-1	8.063	7.090	6790303	6039060	46.278	26.763 #
27)	L6 AR-1254-2	8.272	7.287	36919032	31174433	153.910	154.172
28)	L6 AR-1254-3	8.679	7.727	34808123	32649631	122.095	92.717
29)	L6 AR-1254-4	8.963	7.953	409380	6529778	1.717	25.446 #
30)	L6 AR-1254-5	9.429	8.398	7331065	9468799	28.393	26.058
31)	L7 AR-1260-1	8.833	7.847	1145569	9349672	6.498	45.825 #
32)	L7 AR-1260-2	9.104	8.054	52226780	6727545	217.286	25.114 #
33)	L7 AR-1260-3	9.482	8.213	1228314	1115085	5.681	4.678
34)	L7 AR-1260-4	9.718	8.712	2358161	1678976	9.711	7.406
35)	L7 AR-1260-5	10.066	8.964	6573784	4415804	11.073	7.090 #
36)	L8 AR-1262-1	9.550	8.503	1749890	2798850	12.140	16.350 #
37)	L8 AR-1262-2	10.066	8.964	6573784	4415804	8.737	5.286 #
38)	L8 AR-1262-3	10.385	9.258	491208	3440483	0.913	9.680 #
39)	L8 AR-1262-4	10.503	9.329	628584	1596253	1.446	2.476 #
40)	L8 AR-1262-5	0.000	9.840	0	6658477	N.D.	21.049 #
41)	L9 AR-1268-1	10.385	9.258	491208	3440483	0.514	3.427 #
42)	L9 AR-1268-2	10.490	9.329	535172	1596253	0.575	1.700 #
43)	L9 AR-1268-3	10.734	9.530	302609	12010100	0.373	15.078 #
44)	L9 AR-1268-4	0.000	9.840	0	6658477	N.D.	19.456 #
45)	L9 AR-1268-5	11.627	10.152	2467887	2111444	0.872	0.824

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
Data File : PQ042720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2019 09:07
Operator : SM\AJ
Sample : K4457-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 10:53:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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
----------	------	------	--------	--------	-------	-------

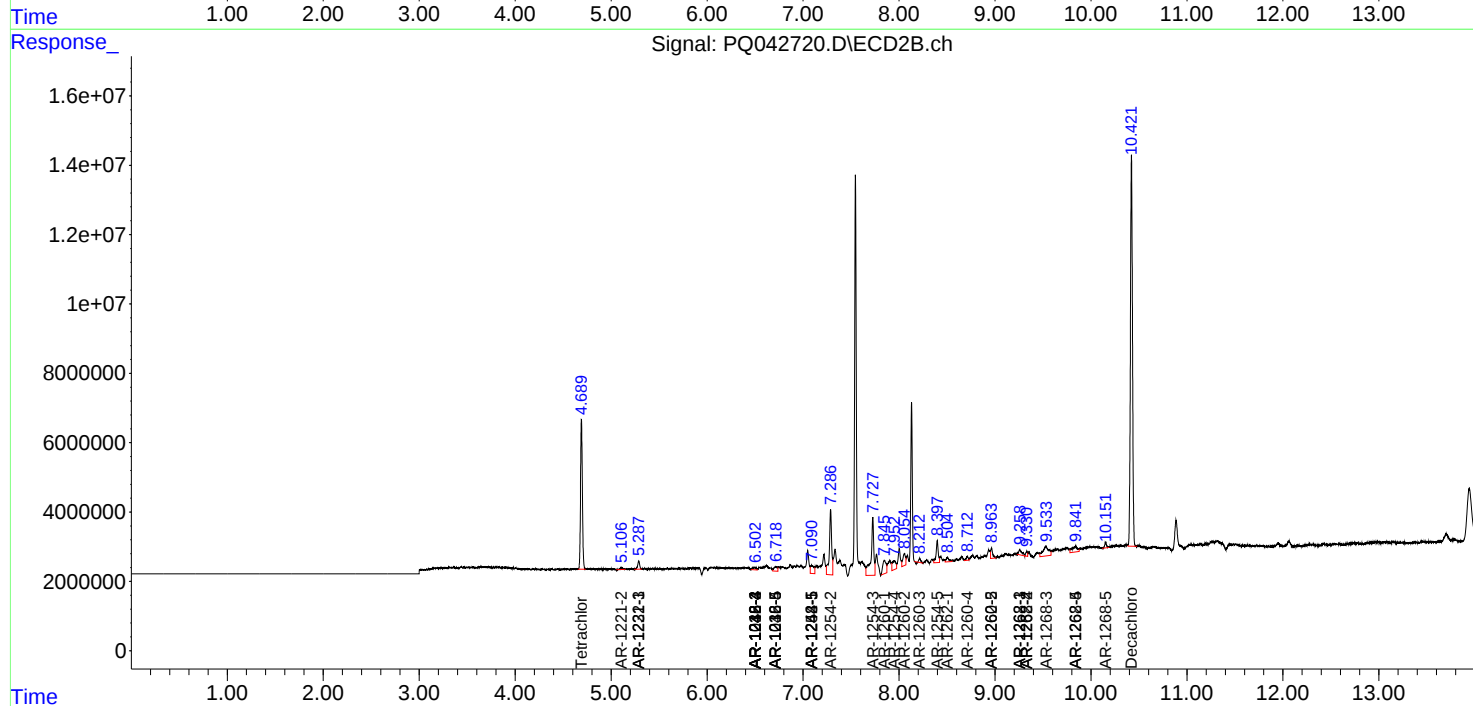
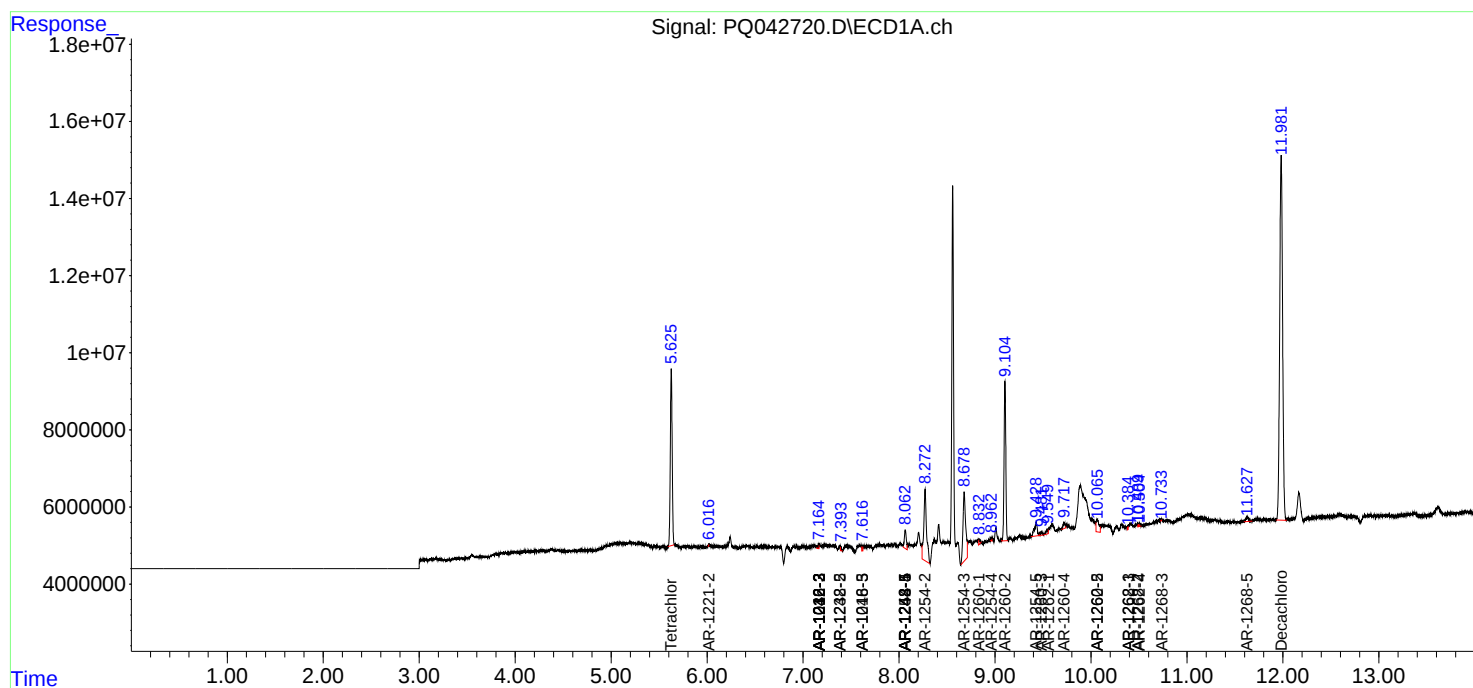
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

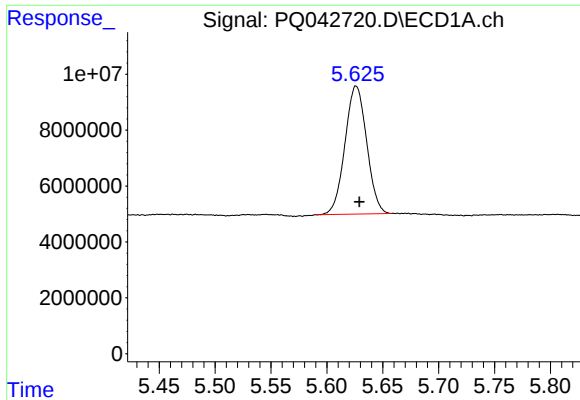
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
Data File : PQ042720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2019 09:07
Operator : SM\AJ
Sample : K4457-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 10:53:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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

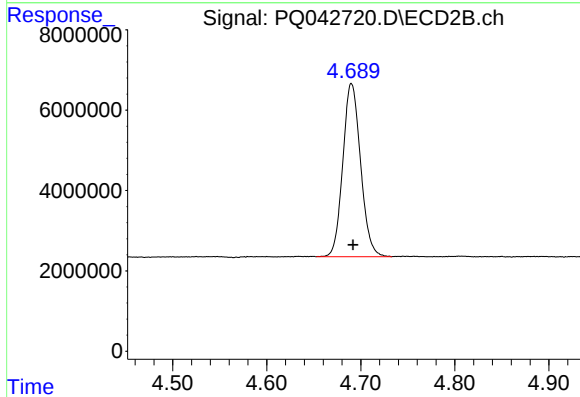




#1 Tetrachloro-m-xylene

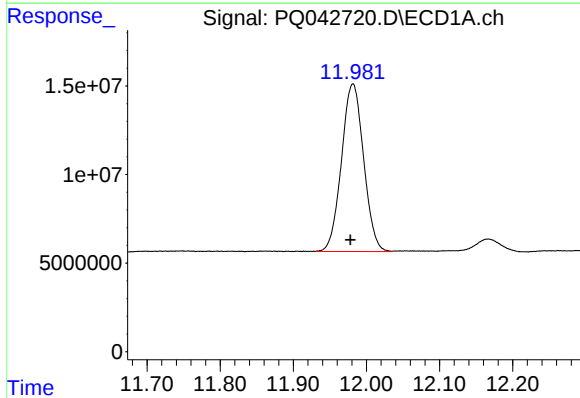
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 62000314
Conc: 20.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



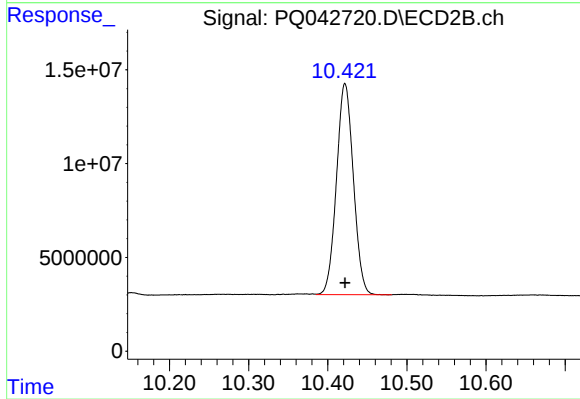
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 56607584
Conc: 22.59 ng/ml



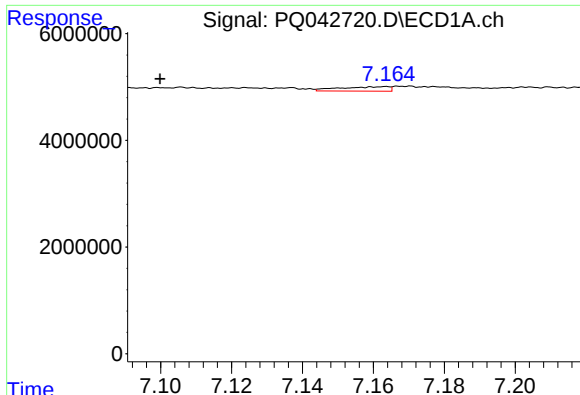
#2 Decachlorobiphenyl

R.T.: 11.982 min
Delta R.T.: 0.004 min
Response: 198783897
Conc: 26.33 ng/ml



#2 Decachlorobiphenyl

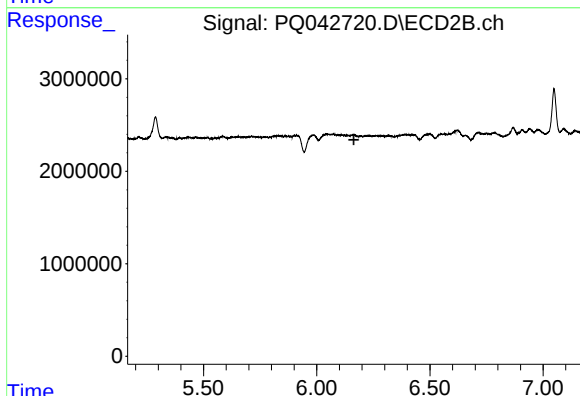
R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 166849655
Conc: 27.32 ng/ml



#4 AR-1016-2

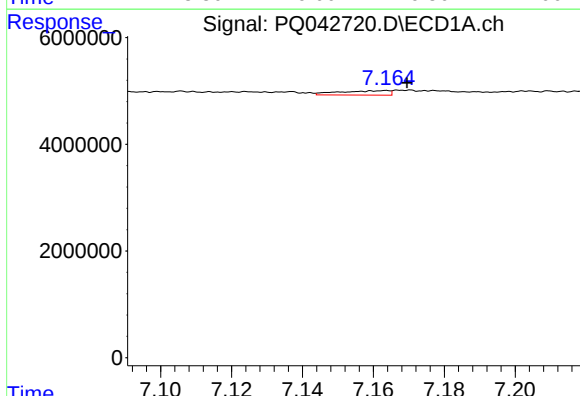
R.T.: 7.164 min
Delta R.T.: 0.064 min
Response: 819531
Conc: 4.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



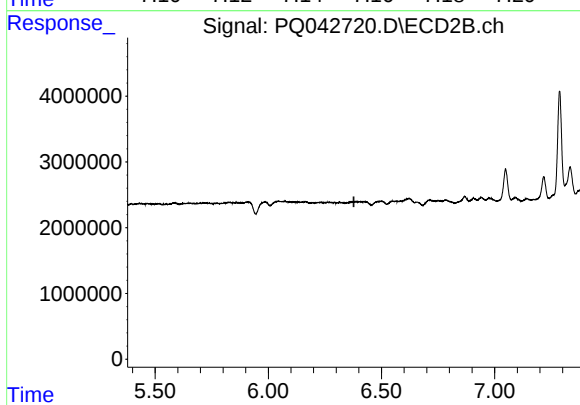
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



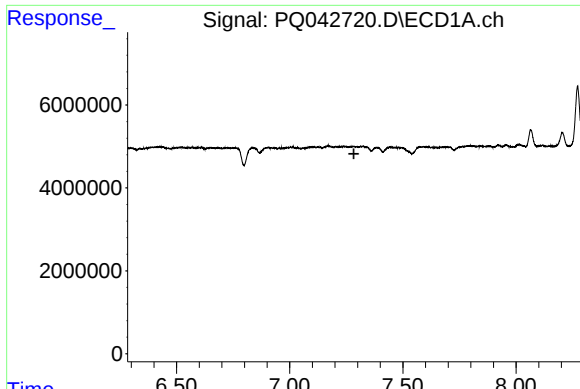
#5 AR-1016-3

R.T.: 7.164 min
Delta R.T.: -0.006 min
Response: 819531
Conc: 6.59 ng/ml



#5 AR-1016-3

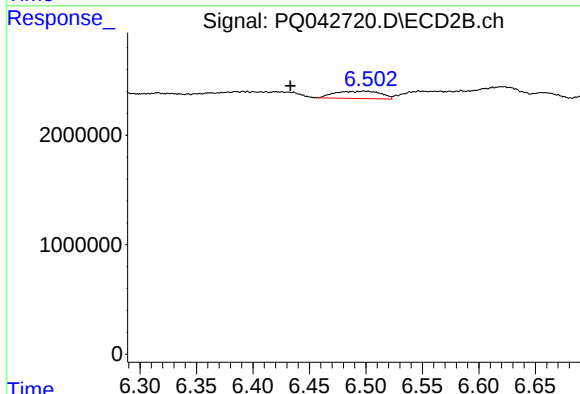
R.T.: 0.000 min
Exp R.T. : 6.378 min
Response: 0
Conc: N.D.



#6 AR-1016-4

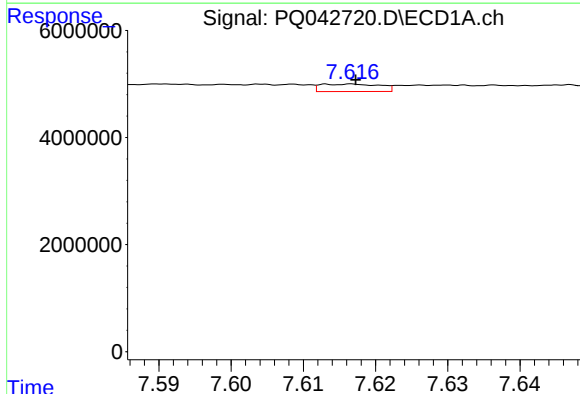
R.T.: 0.000 min
Exp R.T.: 7.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



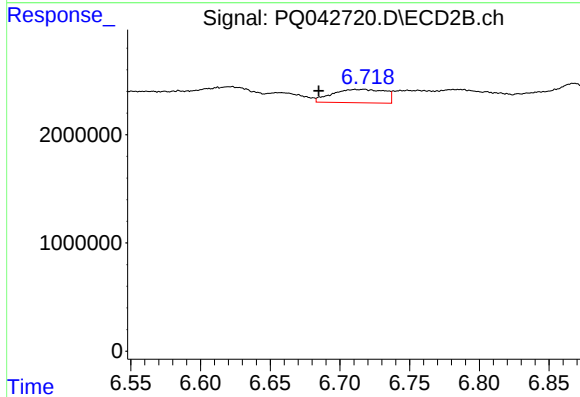
#6 AR-1016-4

R.T.: 6.498 min
Delta R.T.: 0.065 min
Response: 1880417
Conc: 26.04 ng/ml



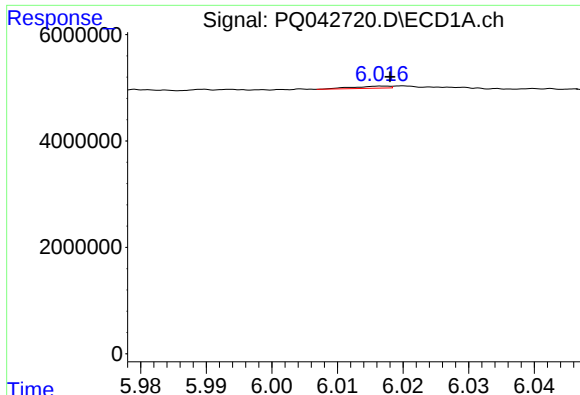
#7 AR-1016-5

R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 797095
Conc: 9.43 ng/ml



#7 AR-1016-5

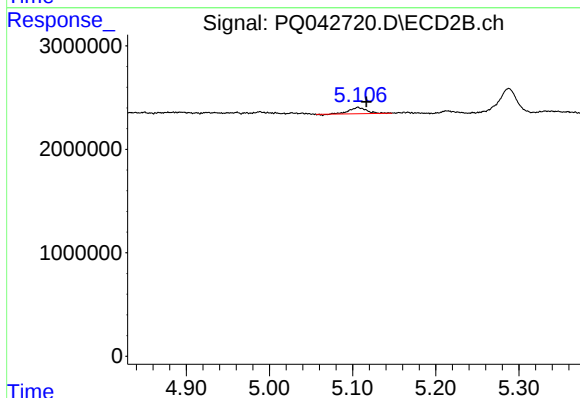
R.T.: 6.717 min
Delta R.T.: 0.032 min
Response: 3242967
Conc: 36.21 ng/ml



#9 AR-1221-2

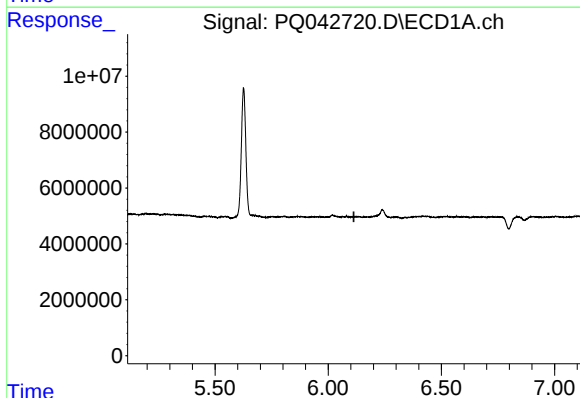
R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 145162
Conc: 5.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



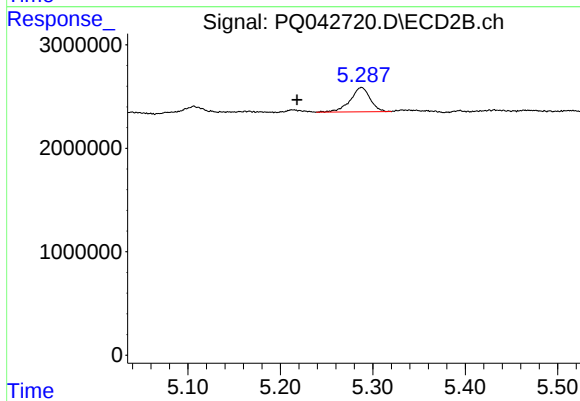
#9 AR-1221-2

R.T.: 5.107 min
Delta R.T.: -0.010 min
Response: 894551
Conc: 37.17 ng/ml



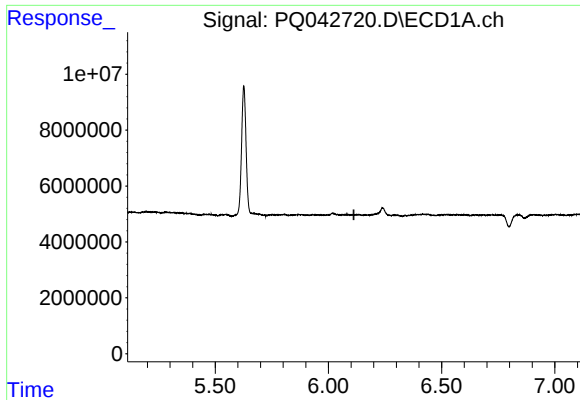
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.114 min
Response: 0
Conc: N.D.



#10 AR-1221-3

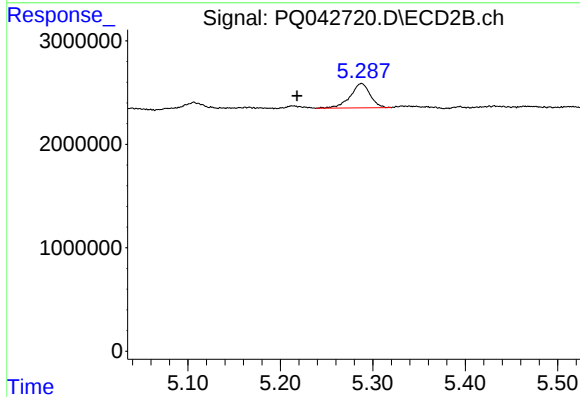
R.T.: 5.288 min
Delta R.T.: 0.070 min
Response: 3506812
Conc: 42.46 ng/ml



#11 AR-1232-1

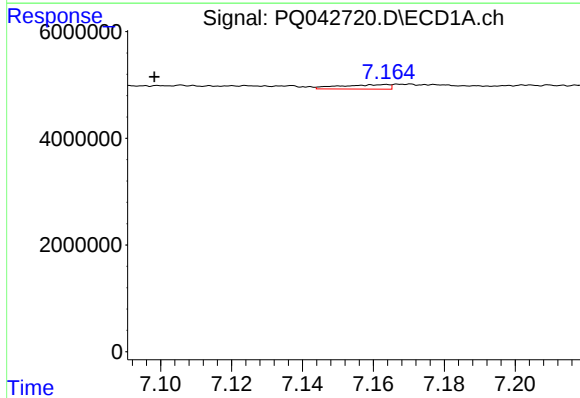
R.T.: 0.000 min
Exp R.T.: 6.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



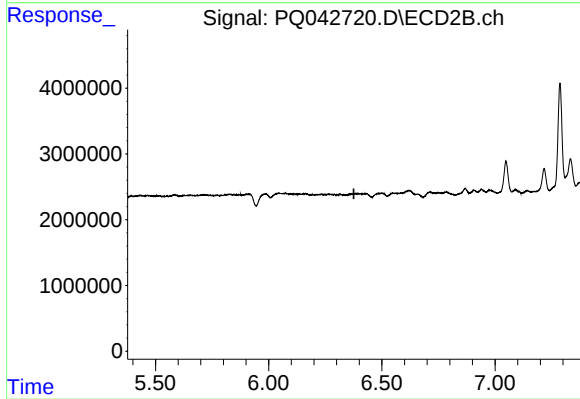
#11 AR-1232-1

R.T.: 5.288 min
Delta R.T.: 0.070 min
Response: 3506812
Conc: 52.06 ng/ml



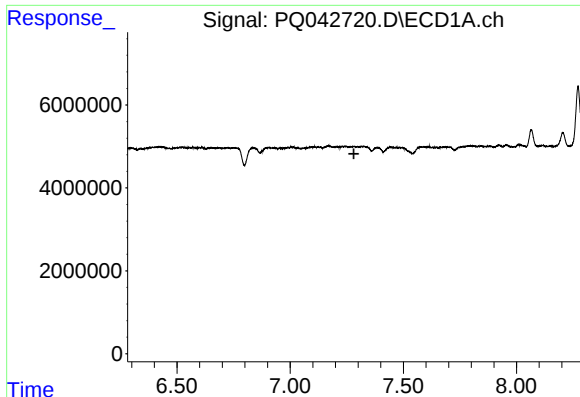
#13 AR-1232-3

R.T.: 7.164 min
Delta R.T.: 0.066 min
Response: 819531
Conc: 9.80 ng/ml



#13 AR-1232-3

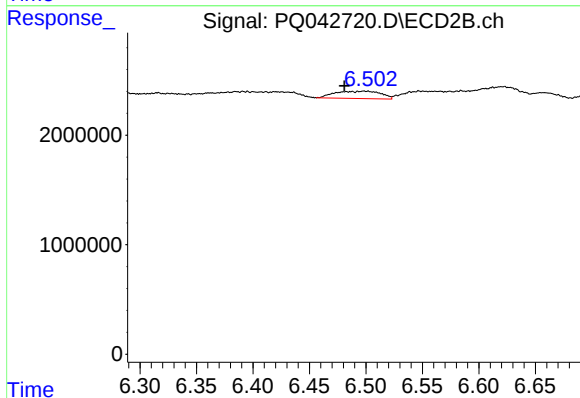
R.T.: 0.000 min
Exp R.T.: 6.377 min
Response: 0
Conc: N.D.



#14 AR-1232-4

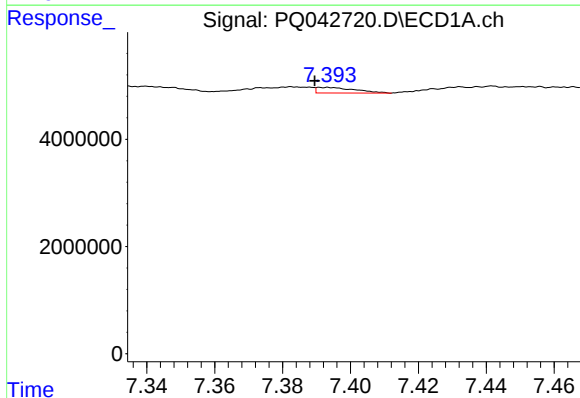
R.T.: 0.000 min
Exp R.T.: 7.281 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



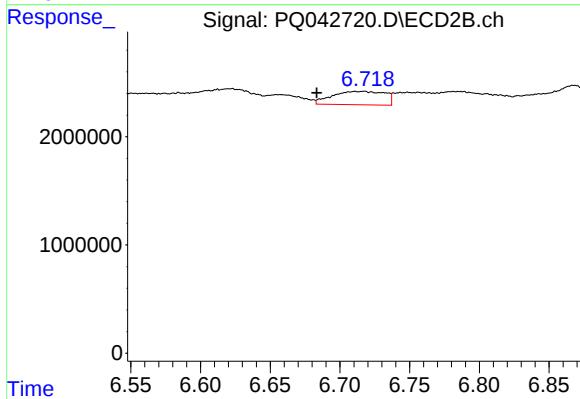
#14 AR-1232-4

R.T.: 6.498 min
Delta R.T.: 0.017 min
Response: 1880417
Conc: 47.27 ng/ml



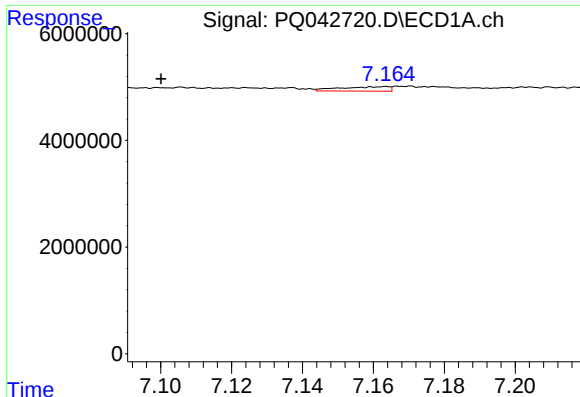
#15 AR-1232-5

R.T.: 7.394 min
Delta R.T.: 0.004 min
Response: 820533
Conc: 33.55 ng/ml



#15 AR-1232-5

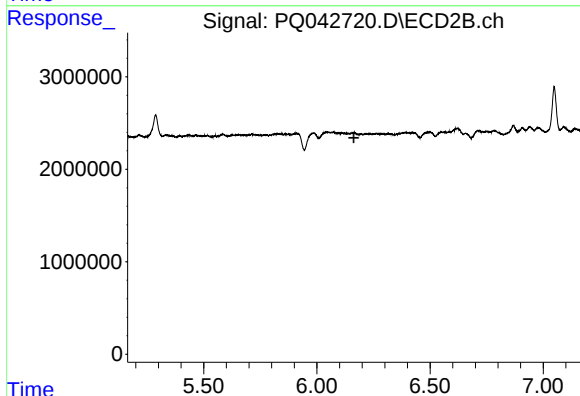
R.T.: 6.717 min
Delta R.T.: 0.034 min
Response: 3242967
Conc: 81.78 ng/ml



#17 AR-1242-2

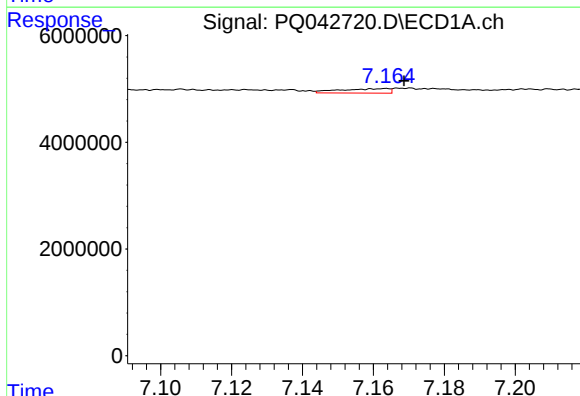
R.T.: 7.164 min
Delta R.T.: 0.064 min
Response: 819531
Conc: 5.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



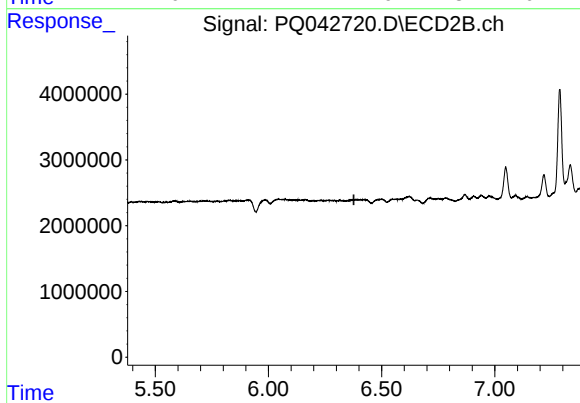
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.163 min
Response: 0
Conc: N.D.



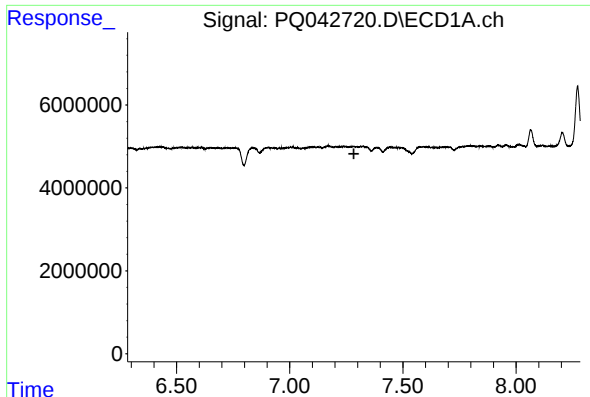
#18 AR-1242-3

R.T.: 7.164 min
Delta R.T.: -0.005 min
Response: 819531
Conc: 8.04 ng/ml



#18 AR-1242-3

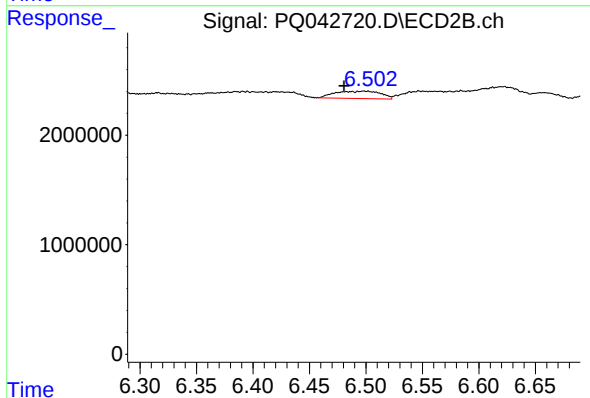
R.T.: 0.000 min
Exp R.T. : 6.377 min
Response: 0
Conc: N.D.



#19 AR-1242-4

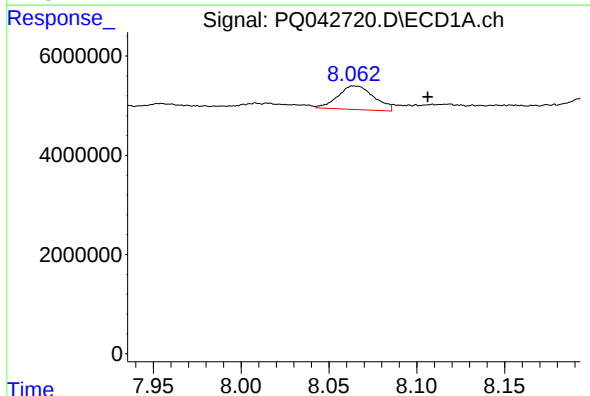
R.T.: 0.000 min
Exp R.T.: 7.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



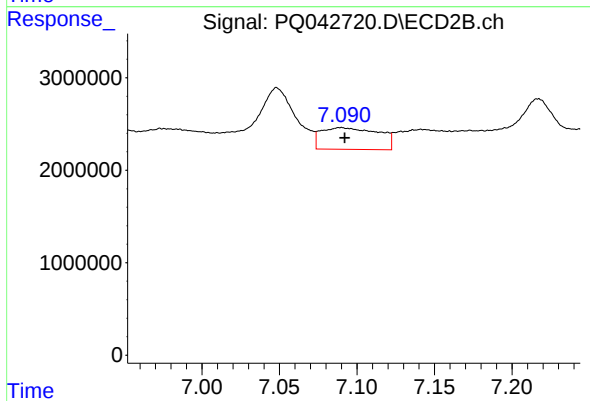
#19 AR-1242-4

R.T.: 6.498 min
Delta R.T.: 0.018 min
Response: 1880417
Conc: 24.56 ng/ml



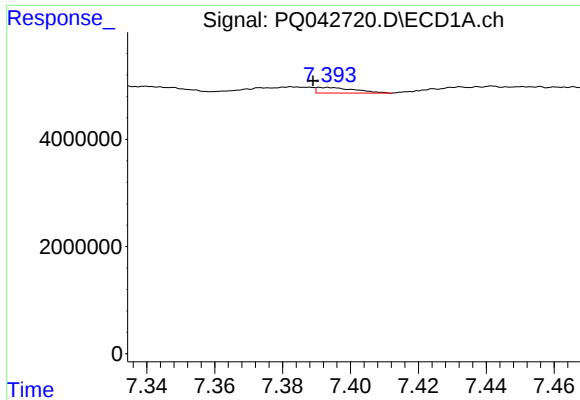
#20 AR-1242-5

R.T.: 8.063 min
Delta R.T.: -0.043 min
Response: 6790303
Conc: 71.97 ng/ml



#20 AR-1242-5

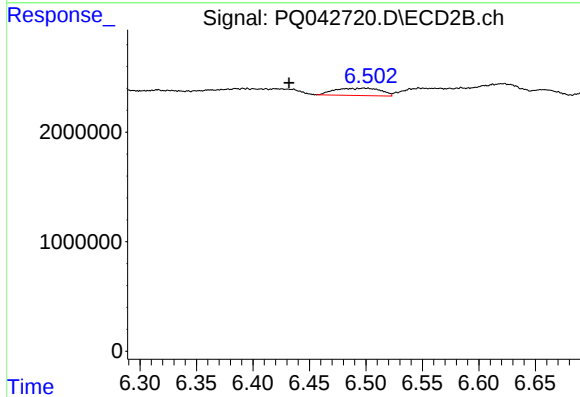
R.T.: 7.090 min
Delta R.T.: -0.003 min
Response: 6039060
Conc: 53.87 ng/ml



#22 AR-1248-2

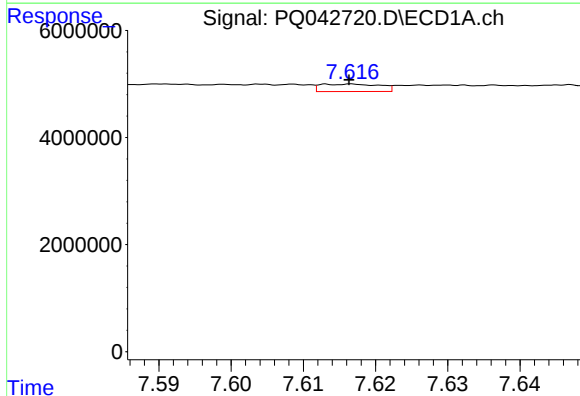
R.T.: 7.394 min
Delta R.T.: 0.005 min
Response: 820533
Conc: 8.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



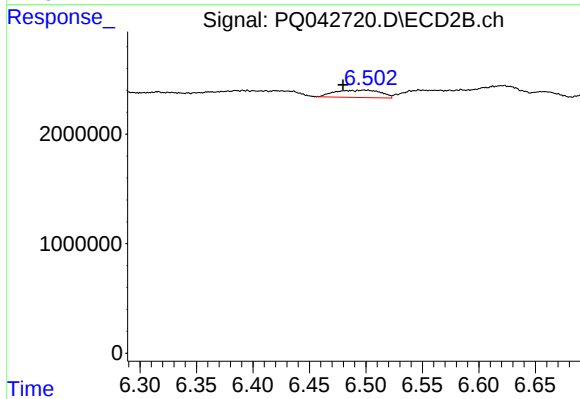
#22 AR-1248-2

R.T.: 6.498 min
Delta R.T.: 0.066 min
Response: 1880417
Conc: 17.07 ng/ml



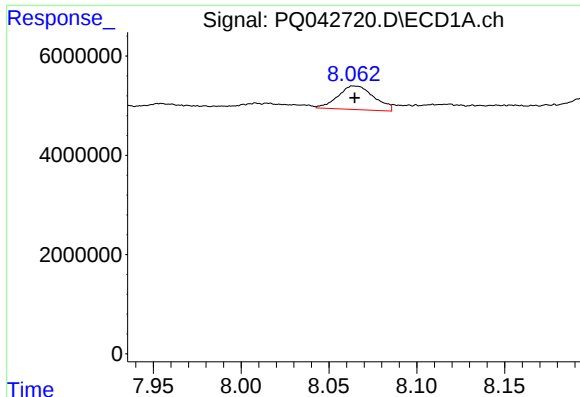
#23 AR-1248-3

R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 797095
Conc: 6.28 ng/ml



#23 AR-1248-3

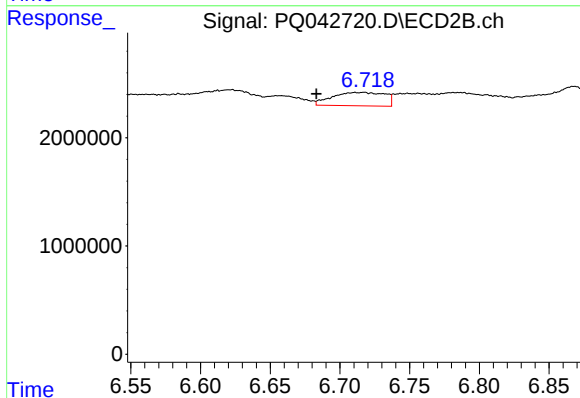
R.T.: 6.498 min
Delta R.T.: 0.019 min
Response: 1880417
Conc: 16.69 ng/ml



#24 AR-1248-4

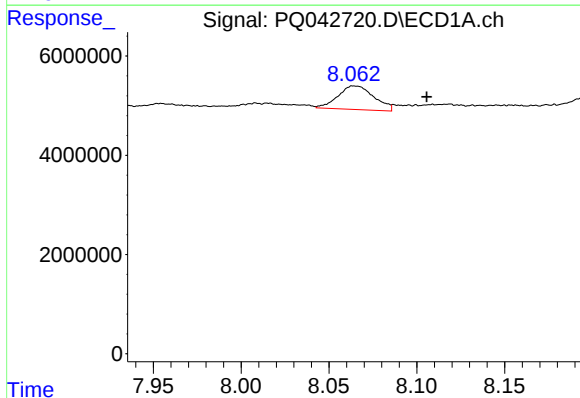
R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 6790303
Conc: 40.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



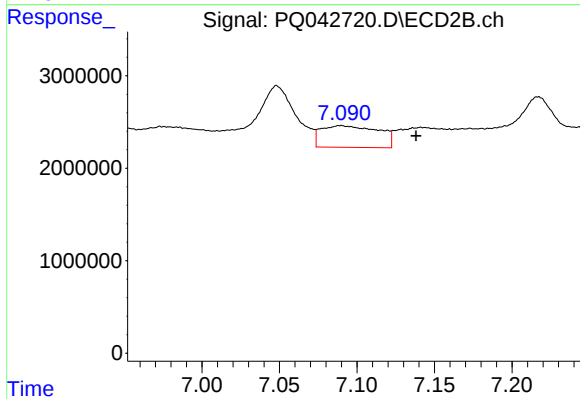
#24 AR-1248-4

R.T.: 6.717 min
Delta R.T.: 0.034 min
Response: 3242967
Conc: 23.74 ng/ml



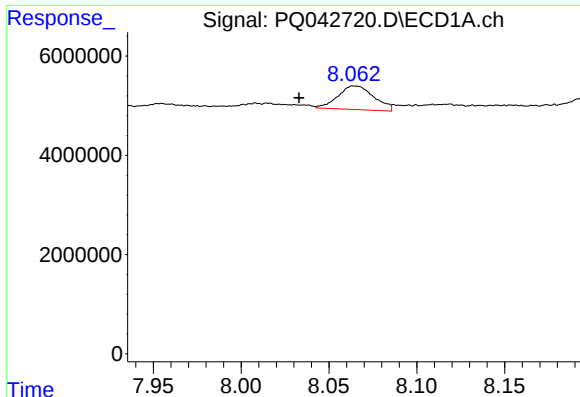
#25 AR-1248-5

R.T.: 8.063 min
Delta R.T.: -0.042 min
Response: 6790303
Conc: 42.65 ng/ml



#25 AR-1248-5

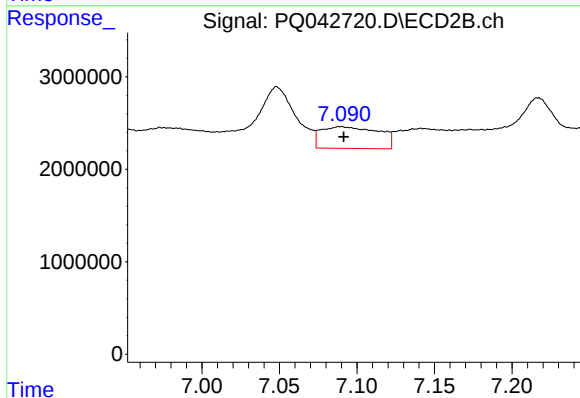
R.T.: 7.090 min
Delta R.T.: -0.049 min
Response: 6039060
Conc: 38.36 ng/ml



#26 AR-1254-1

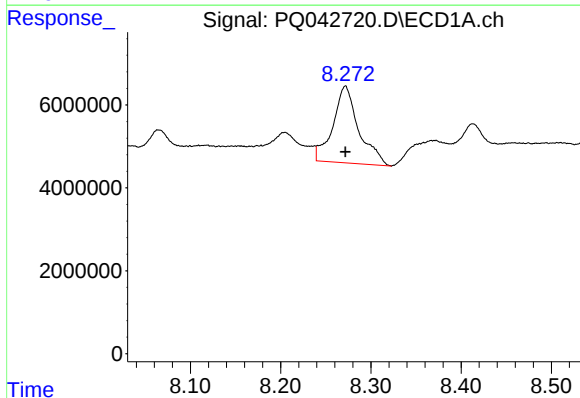
R.T.: 8.063 min
Delta R.T.: 0.030 min
Response: 6790303
Conc: 46.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



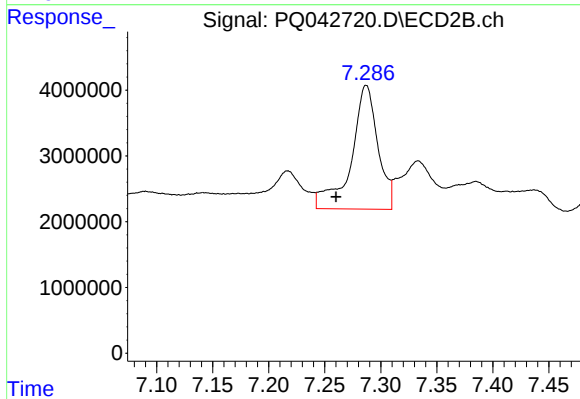
#26 AR-1254-1

R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 6039060
Conc: 26.76 ng/ml



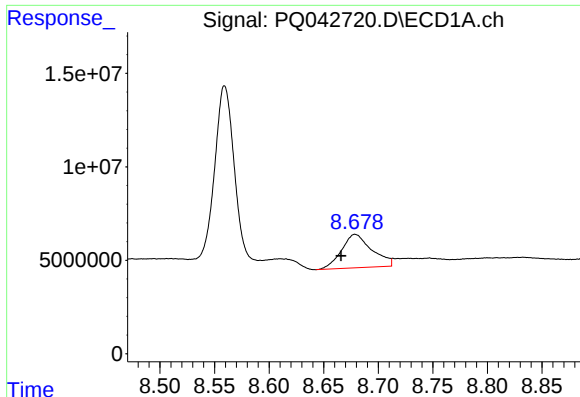
#27 AR-1254-2

R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 36919032
Conc: 153.91 ng/ml



#27 AR-1254-2

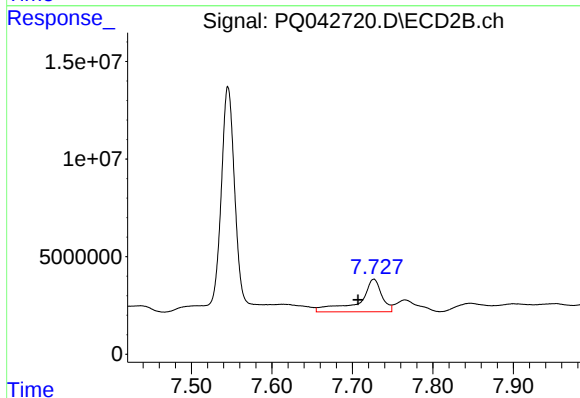
R.T.: 7.287 min
Delta R.T.: 0.027 min
Response: 31174433
Conc: 154.17 ng/ml



#28 AR-1254-3

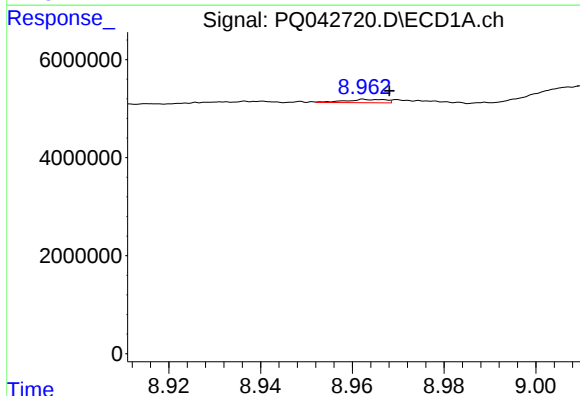
R.T.: 8.679 min
Delta R.T.: 0.013 min
Response: 34808123
Conc: 122.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



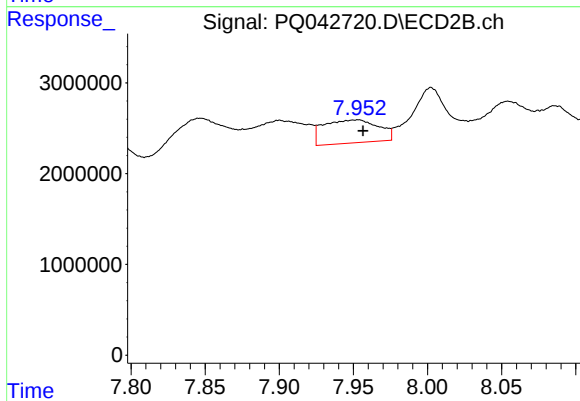
#28 AR-1254-3

R.T.: 7.727 min
Delta R.T.: 0.020 min
Response: 32649631
Conc: 92.72 ng/ml



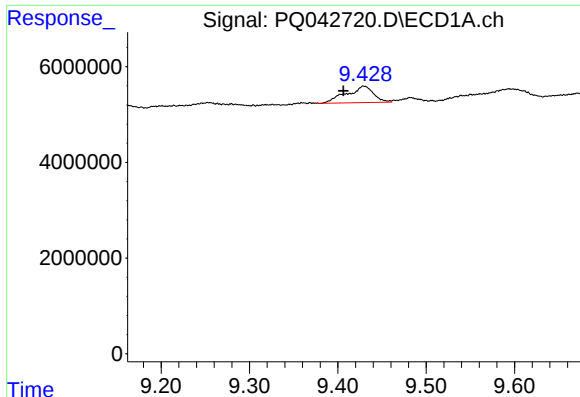
#29 AR-1254-4

R.T.: 8.963 min
Delta R.T.: -0.005 min
Response: 409380
Conc: 1.72 ng/ml



#29 AR-1254-4

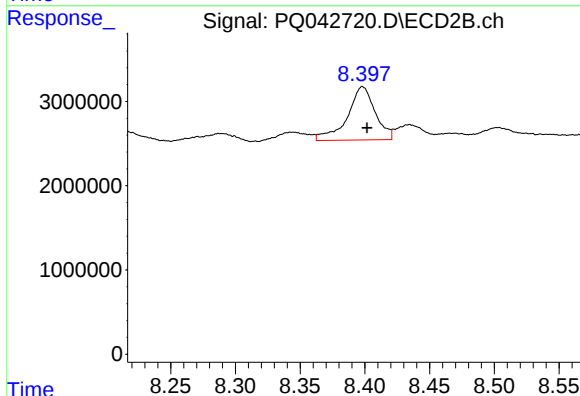
R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 6529778
Conc: 25.45 ng/ml



#30 AR-1254-5

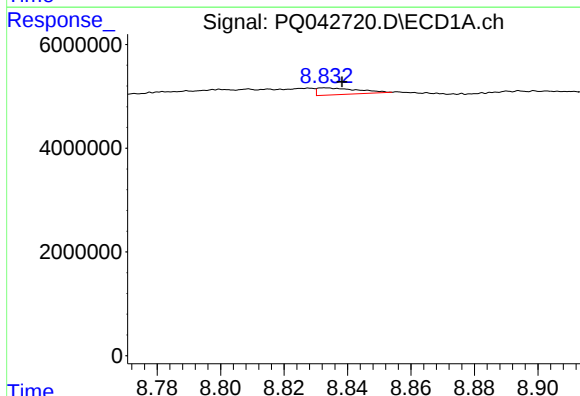
R.T.: 9.429 min
Delta R.T.: 0.023 min
Response: 7331065
Conc: 28.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



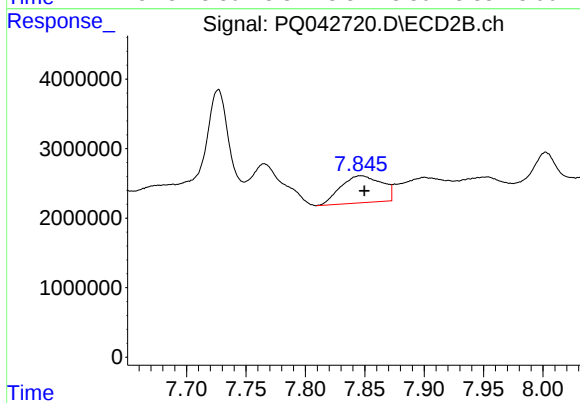
#30 AR-1254-5

R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 9468799
Conc: 26.06 ng/ml



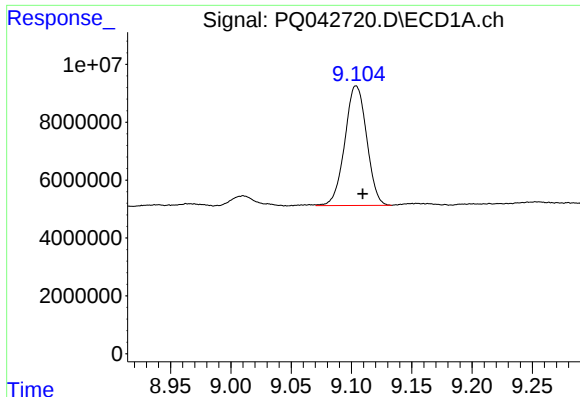
#31 AR-1260-1

R.T.: 8.833 min
Delta R.T.: -0.005 min
Response: 1145569
Conc: 6.50 ng/ml



#31 AR-1260-1

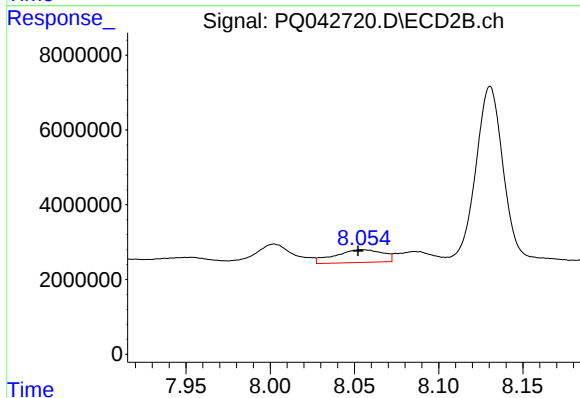
R.T.: 7.847 min
Delta R.T.: -0.003 min
Response: 9349672
Conc: 45.83 ng/ml



#32 AR-1260-2

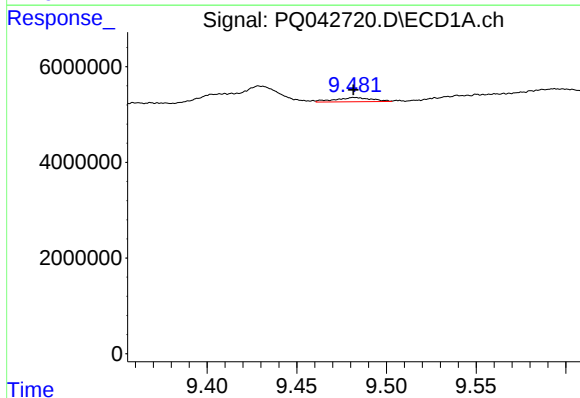
R.T.: 9.104 min
Delta R.T.: -0.005 min
Response: 52226780
Conc: 217.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



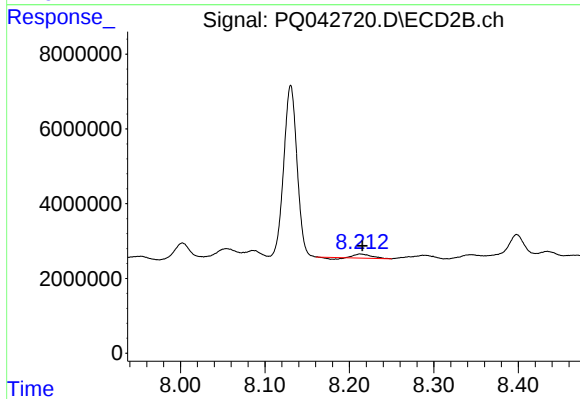
#32 AR-1260-2

R.T.: 8.054 min
Delta R.T.: 0.002 min
Response: 6727545
Conc: 25.11 ng/ml



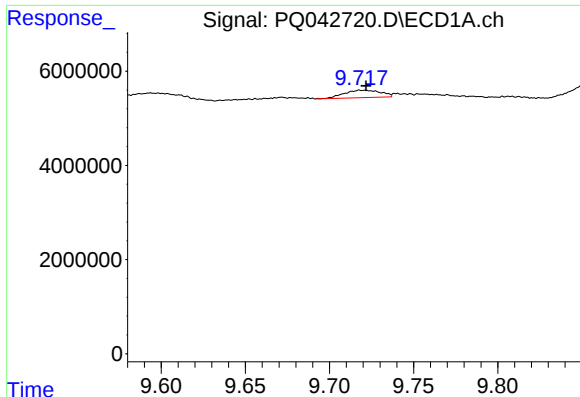
#33 AR-1260-3

R.T.: 9.482 min
Delta R.T.: 0.000 min
Response: 1228314
Conc: 5.68 ng/ml



#33 AR-1260-3

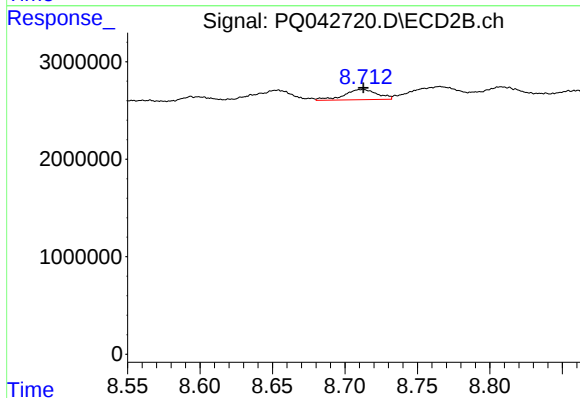
R.T.: 8.213 min
Delta R.T.: -0.003 min
Response: 1115085
Conc: 4.68 ng/ml



#34 AR-1260-4

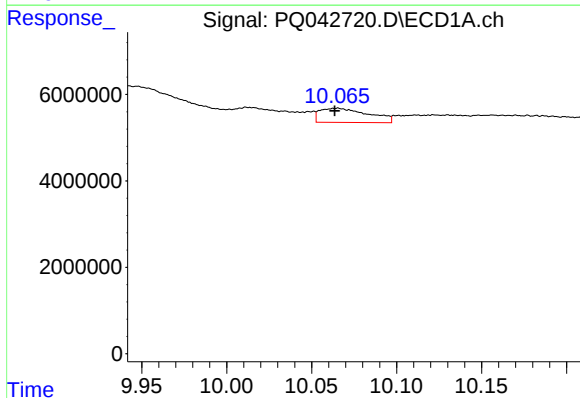
R.T.: 9.718 min
Delta R.T.: -0.004 min
Response: 2358161
Conc: 9.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



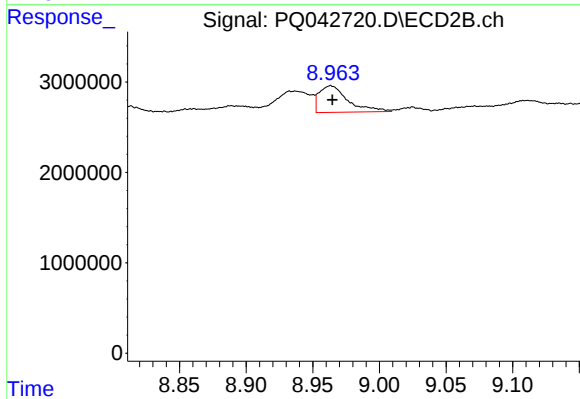
#34 AR-1260-4

R.T.: 8.712 min
Delta R.T.: 0.000 min
Response: 1678976
Conc: 7.41 ng/ml



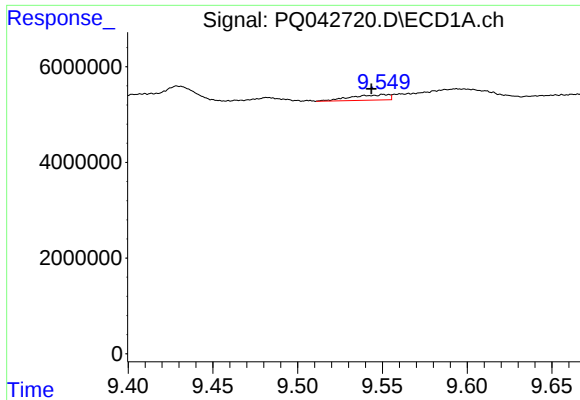
#35 AR-1260-5

R.T.: 10.066 min
Delta R.T.: 0.002 min
Response: 6573784
Conc: 11.07 ng/ml



#35 AR-1260-5

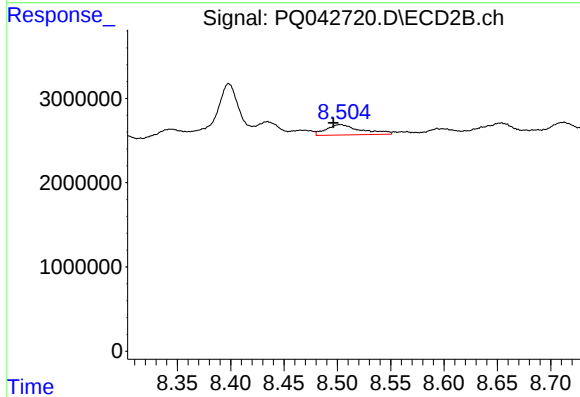
R.T.: 8.964 min
Delta R.T.: -0.001 min
Response: 4415804
Conc: 7.09 ng/ml



#36 AR-1262-1

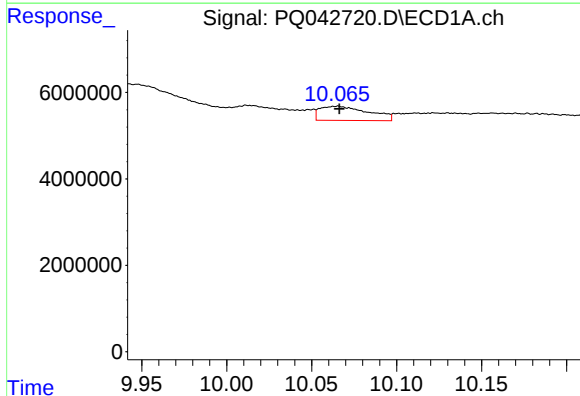
R.T.: 9.550 min
Delta R.T.: 0.007 min
Response: 1749890
Conc: 12.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



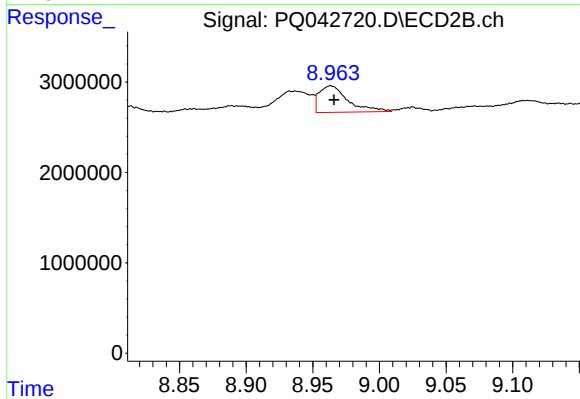
#36 AR-1262-1

R.T.: 8.503 min
Delta R.T.: 0.006 min
Response: 2798850
Conc: 16.35 ng/ml



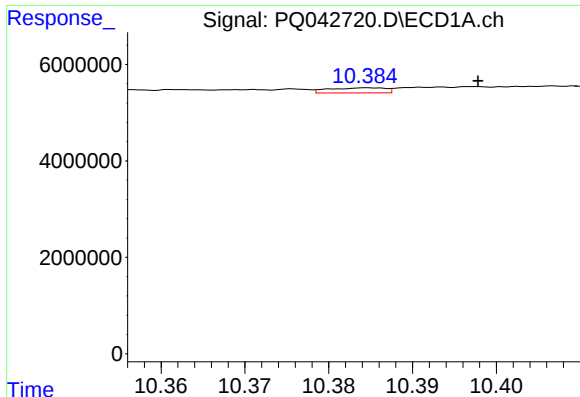
#37 AR-1262-2

R.T.: 10.066 min
Delta R.T.: 0.000 min
Response: 6573784
Conc: 8.74 ng/ml



#37 AR-1262-2

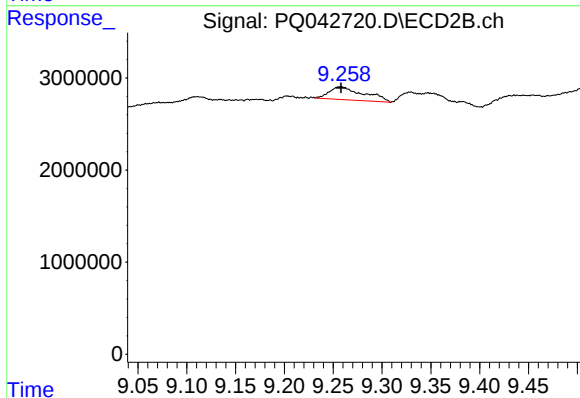
R.T.: 8.964 min
Delta R.T.: -0.003 min
Response: 4415804
Conc: 5.29 ng/ml



#38 AR-1262-3

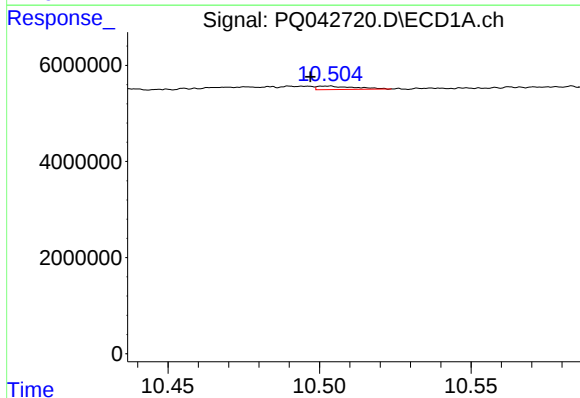
R.T.: 10.385 min
Delta R.T.: -0.013 min
Response: 491208
Conc: 0.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



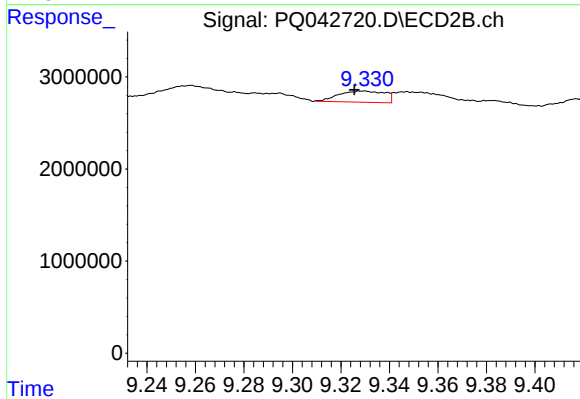
#38 AR-1262-3

R.T.: 9.258 min
Delta R.T.: 0.000 min
Response: 3440483
Conc: 9.68 ng/ml



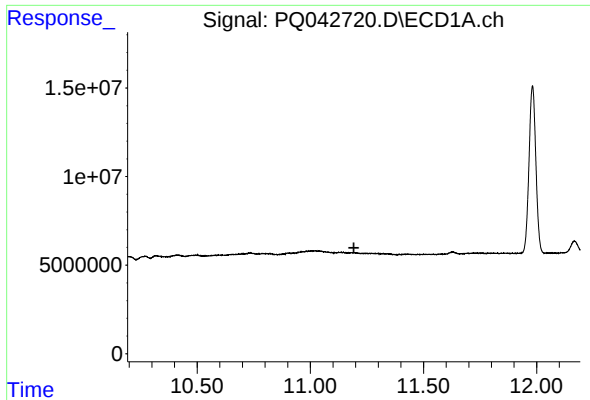
#39 AR-1262-4

R.T.: 10.503 min
Delta R.T.: 0.006 min
Response: 628584
Conc: 1.45 ng/ml



#39 AR-1262-4

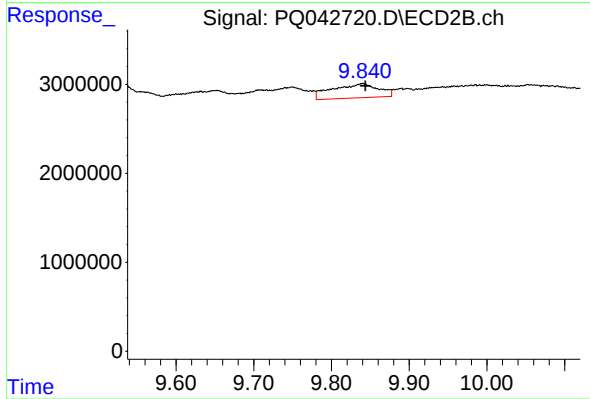
R.T.: 9.329 min
Delta R.T.: 0.003 min
Response: 1596253
Conc: 2.48 ng/ml



#40 AR-1262-5

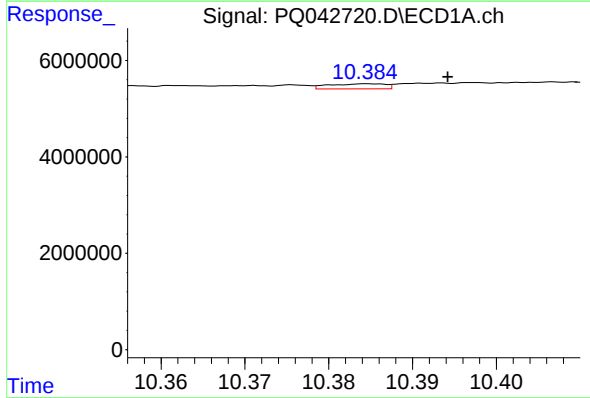
R.T.: 0.000 min
Exp R.T.: 11.193 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



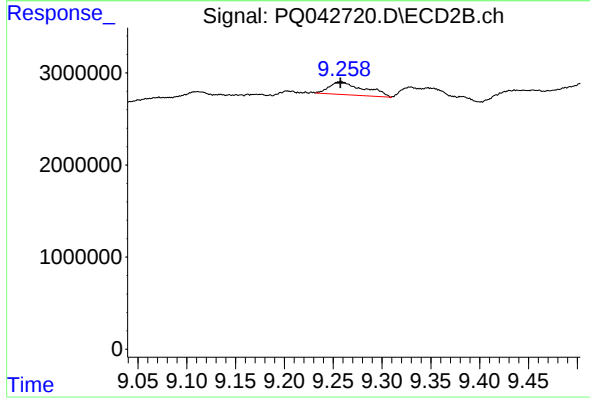
#40 AR-1262-5

R.T.: 9.840 min
Delta R.T.: -0.003 min
Response: 6658477
Conc: 21.05 ng/ml



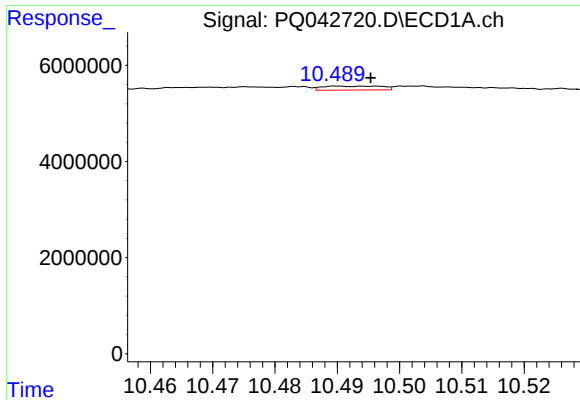
#41 AR-1268-1

R.T.: 10.385 min
Delta R.T.: -0.009 min
Response: 491208
Conc: 0.51 ng/ml



#41 AR-1268-1

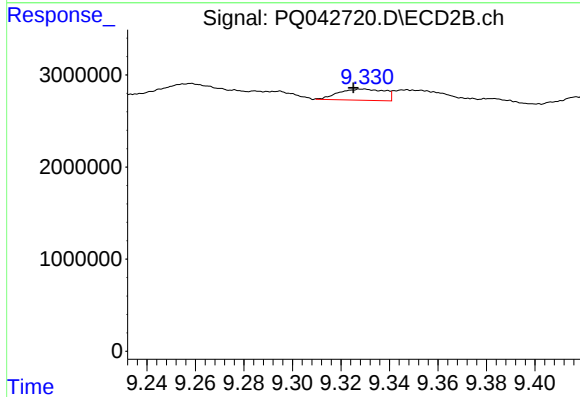
R.T.: 9.258 min
Delta R.T.: 0.000 min
Response: 3440483
Conc: 3.43 ng/ml



#42 AR-1268-2

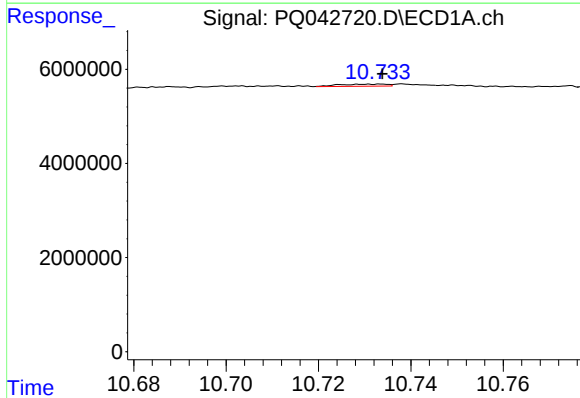
R.T.: 10.490 min
Delta R.T.: -0.005 min
Response: 535172
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



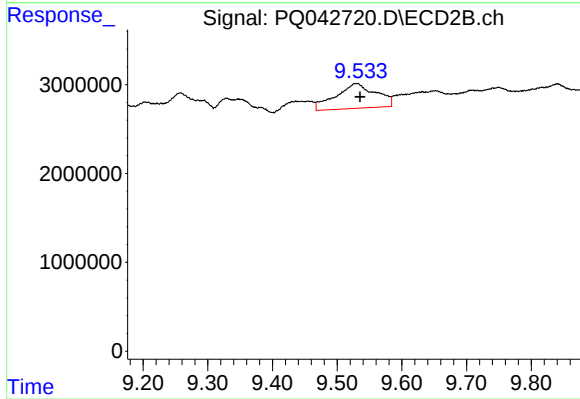
#42 AR-1268-2

R.T.: 9.329 min
Delta R.T.: 0.004 min
Response: 1596253
Conc: 1.70 ng/ml



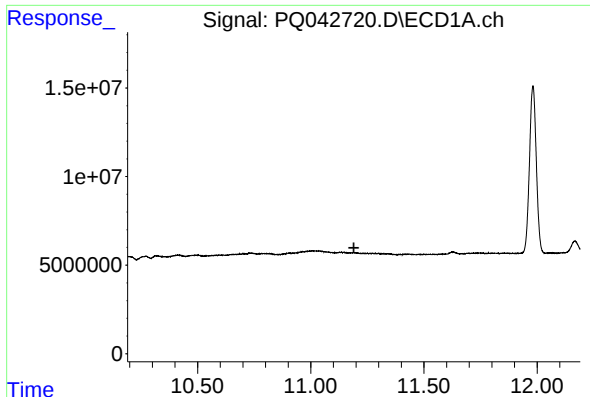
#43 AR-1268-3

R.T.: 10.734 min
Delta R.T.: 0.000 min
Response: 302609
Conc: 0.37 ng/ml



#43 AR-1268-3

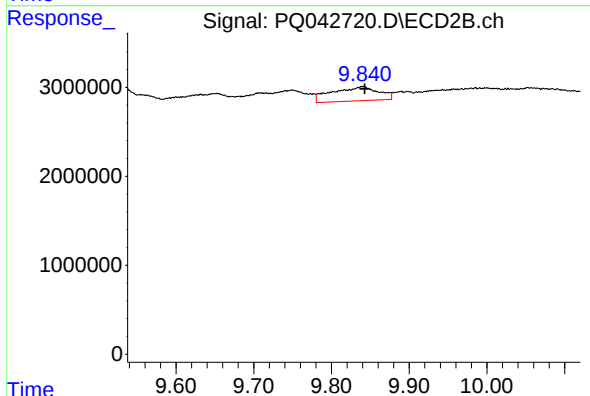
R.T.: 9.530 min
Delta R.T.: -0.006 min
Response: 12010100
Conc: 15.08 ng/ml



#44 AR-1268-4

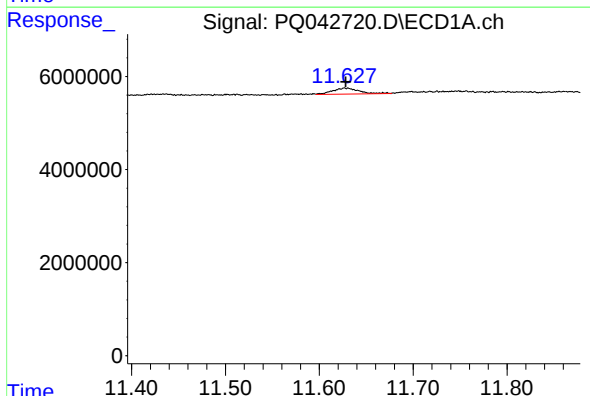
R.T.: 0.000 min
Exp R.T.: 11.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



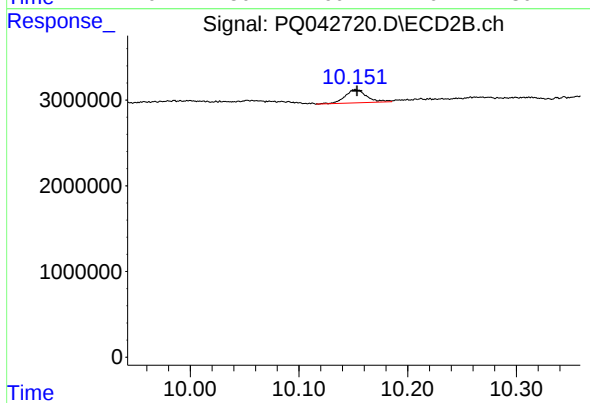
#44 AR-1268-4

R.T.: 9.840 min
Delta R.T.: -0.002 min
Response: 6658477
Conc: 19.46 ng/ml



#45 AR-1268-5

R.T.: 11.627 min
Delta R.T.: -0.002 min
Response: 2467887
Conc: 0.87 ng/ml



#45 AR-1268-5

R.T.: 10.152 min
Delta R.T.: -0.001 min
Response: 2111444
Conc: 0.82 ng/ml