

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101421\
 Data File : PQ054971.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2021 21:51
 Operator : AJ\MA
 Sample : M4196-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 13:59:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 05 07:08:29 2021
 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...	5.194	4.202	310.5E6	155.3E6	13.408	14.177
2)	SA Decachlor...	11.353	9.524	596.4E6	411.7E6	33.348	29.093
Target Compounds							
3)	L1 AR-1016-1	6.517	5.456	46507815	12170372	65.964	33.361 #
4)	L1 AR-1016-2	6.543	5.478	62542388	18485995	54.619	28.014 #
5)	L1 AR-1016-3	6.608	5.667	13822650	10195170	20.205	34.251 #
6)	L1 AR-1016-4	6.713	5.720	8776345	24415106	16.223	96.469 #
7)	L1 AR-1016-5	7.028	5.950	40073634	34061814	75.949	106.864 #
8)	L2 AR-1221-1	5.419	4.452	13010971	3470360	49.674	29.955 #
9)	L2 AR-1221-2	5.551	4.551	10983036	13712946	62.024	171.212 #
10)	L2 AR-1221-3	5.640	4.642	13224664	6167921	22.938	20.153
11)	L3 AR-1232-1	5.640	4.642	13224664	6167921	29.523	25.135
12)	L3 AR-1232-2	6.221	5.478	44596467	18485995	182.406	67.015 #
13)	L3 AR-1232-3	6.543	5.667	62542388	10195170	129.798	83.107 #
14)	L3 AR-1232-4	6.713	5.766	8776345	40645438	38.800	365.407 #
15)	L3 AR-1232-5	6.810	5.950	16939450	34061814	102.134	274.887 #
16)	L4 AR-1242-1	6.517	5.456	46507815	12170372	78.948	39.034 #
17)	L4 AR-1242-2	6.543	5.478	62542388	18485995	65.471	33.670 #
18)	L4 AR-1242-3	6.608	5.667	13822650	10195170	23.941	40.350 #
19)	L4 AR-1242-4	6.713	5.766	8776345	40645438	19.217	162.535 #
20)	L4 AR-1242-5	7.497	6.332	66010713	29201258	126.858	83.292 #
21)	L5 AR-1248-1	6.517	5.456	46507815	12170372	108.752	52.861 #
22)	L5 AR-1248-2	6.810	5.720	16939450	24415106	26.148	67.898 #
23)	L5 AR-1248-3	7.028	5.766	40073634	40645438	54.350	109.539 #
24)	L5 AR-1248-4	7.457	5.950	47716210	34061814	55.293	75.678 #
25)	L5 AR-1248-5	7.497	6.373	66010713	32489471	74.879	66.708
26)	L6 AR-1254-1	7.426	6.332	44711419	29201258	54.185	40.089 #
27)	L6 AR-1254-2	7.662	6.487	84248775	9036846	65.326	14.033 #
28)	L6 AR-1254-3	8.037	6.909	48958050	16217975	35.152	15.552 #
29)	L6 AR-1254-4	8.332	7.147	42726880	10654408	41.904	15.139 #
30)	L6 AR-1254-5	8.760	7.575	27285730	10087345	25.085	9.811 #
31)	L7 AR-1260-1	8.200	7.046	26409008	9388003	30.190	14.440 #
32)	L7 AR-1260-2	8.464	7.241	68141481	6234795	60.864	6.940 #
33)	L7 AR-1260-3	8.760	7.398	27285730	14972329	22.291	18.337
34)	L7 AR-1260-4	9.072	7.877	11275918	4232308	12.328	6.176 #
35)	L7 AR-1260-5	9.414	8.126	12586991	10631949	6.965	5.527
36)	L8 AR-1262-1	8.827	7.575	18625664	10087345	14.697	18.259
37)	L8 AR-1262-2	9.414	8.126	12586991	10631949	5.402	4.405
38)	L8 AR-1262-3	9.775	8.415	2666599	2641096	2.703	2.731
39)	L8 AR-1262-4	9.775f	8.472	2666599	11435330	4.084	6.864 #
40)	L8 AR-1262-5	10.556	0.000	1474940	0	1.701	N.D. #
41)	L9 AR-1268-1	9.775	8.415	2666599	2641096	1.009	0.915

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101421\
Data File : PQ054971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2021 21:51
Operator : AJ\MA
Sample : M4196-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

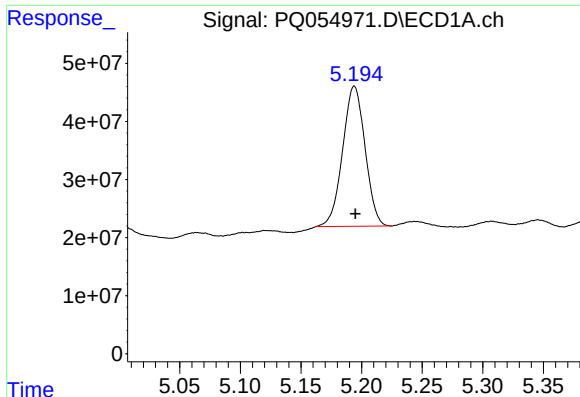
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 13:59:45 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 05 07:08:29 2021
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
42)	L9 AR-1268-2	0.000	8.472	0	11435330	N.D.	4.614 #
43)	L9 AR-1268-3	0.000	8.680	0	7943455	N.D.	3.692 #
44)	L9 AR-1268-4	10.556	0.000	1474940	0	1.568	N.D. #
45)	L9 AR-1268-5	11.000	9.270	5011849	2955070	0.704	0.470 #

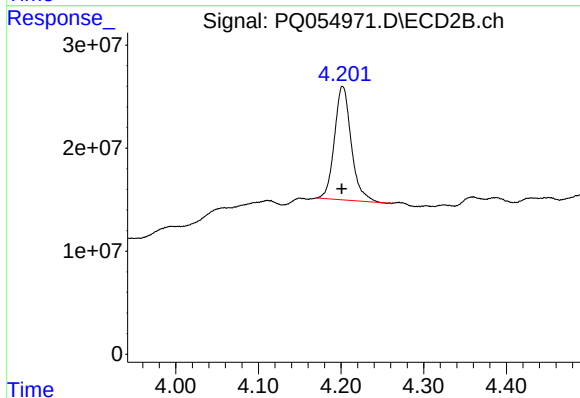
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

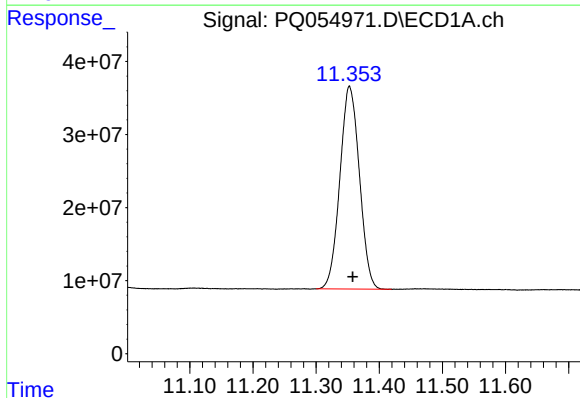
R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 310531142
Conc: 13.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



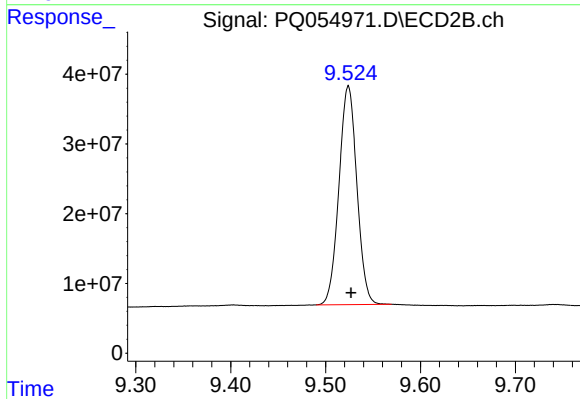
#1 Tetrachloro-m-xylene

R.T.: 4.202 min
Delta R.T.: 0.001 min
Response: 155320186
Conc: 14.18 ng/ml



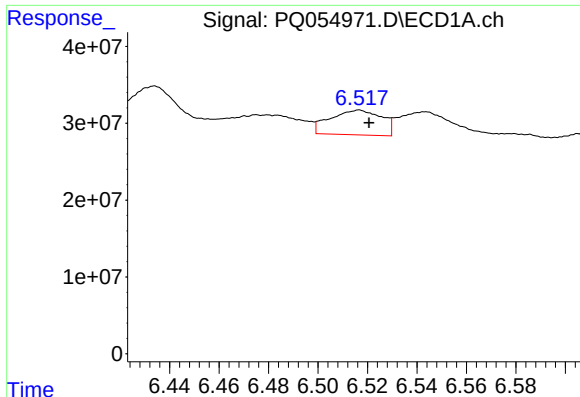
#2 Decachlorobiphenyl

R.T.: 11.353 min
Delta R.T.: -0.005 min
Response: 596426771
Conc: 33.35 ng/ml



#2 Decachlorobiphenyl

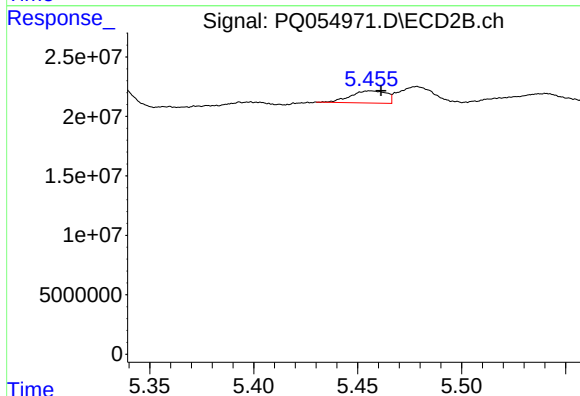
R.T.: 9.524 min
Delta R.T.: -0.003 min
Response: 411716850
Conc: 29.09 ng/ml



#3 AR-1016-1

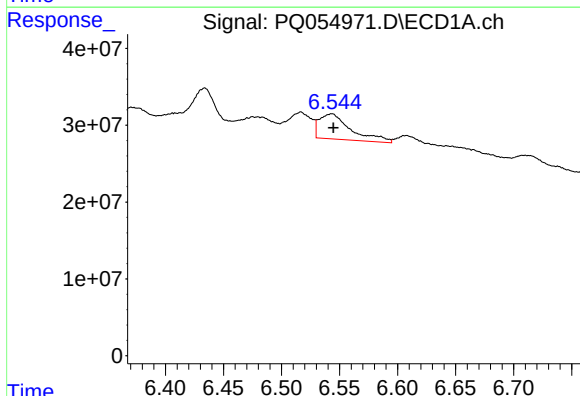
R.T.: 6.517 min
Delta R.T.: -0.004 min
Response: 46507815
Conc: 65.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



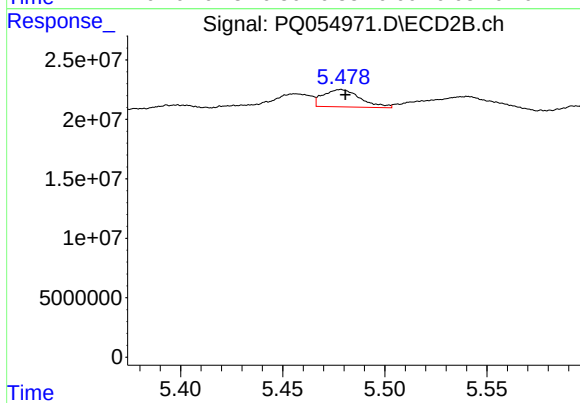
#3 AR-1016-1

R.T.: 5.456 min
Delta R.T.: -0.005 min
Response: 12170372
Conc: 33.36 ng/ml



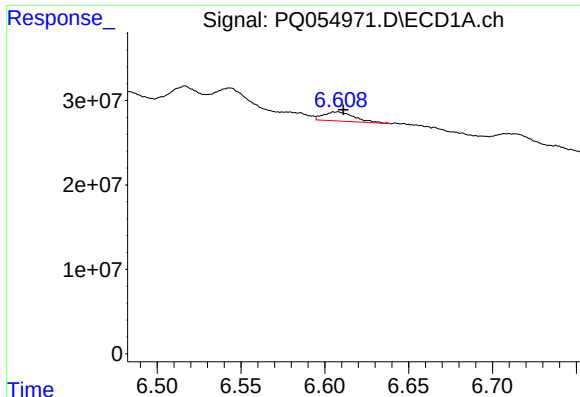
#4 AR-1016-2

R.T.: 6.543 min
Delta R.T.: -0.001 min
Response: 62542388
Conc: 54.62 ng/ml



#4 AR-1016-2

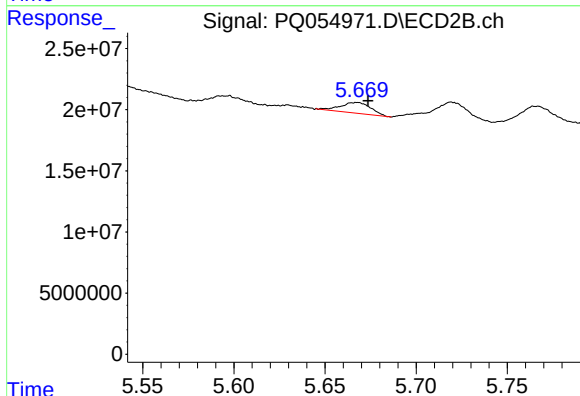
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 18485995
Conc: 28.01 ng/ml



#5 AR-1016-3

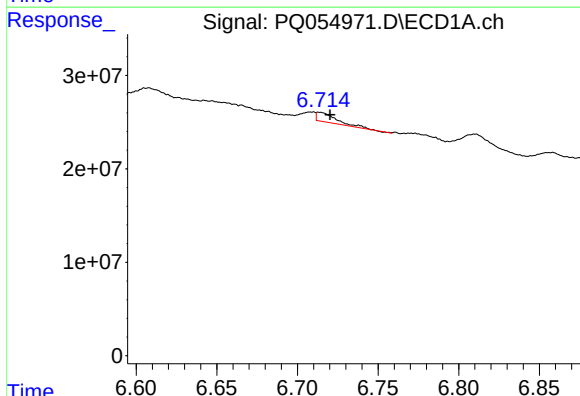
R.T.: 6.608 min
Delta R.T.: -0.003 min
Response: 13822650
Conc: 20.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



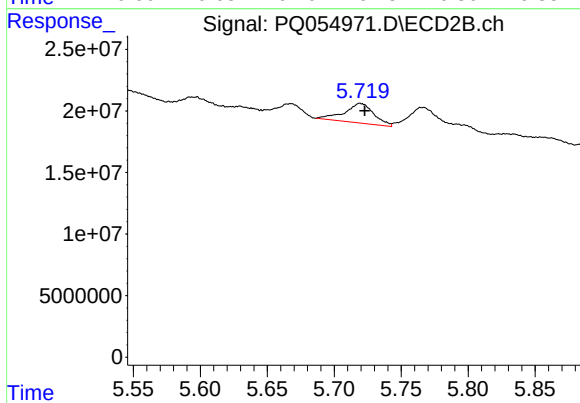
#5 AR-1016-3

R.T.: 5.667 min
Delta R.T.: -0.006 min
Response: 10195170
Conc: 34.25 ng/ml



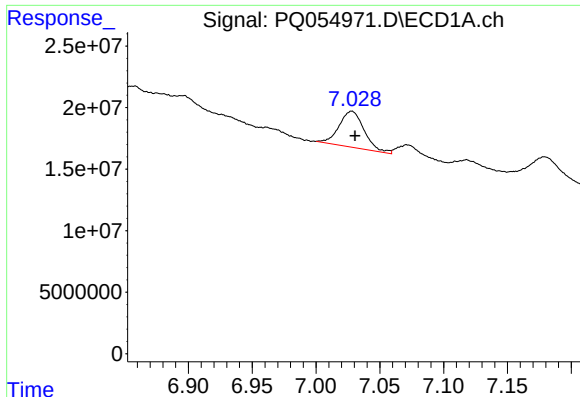
#6 AR-1016-4

R.T.: 6.713 min
Delta R.T.: -0.007 min
Response: 8776345
Conc: 16.22 ng/ml



#6 AR-1016-4

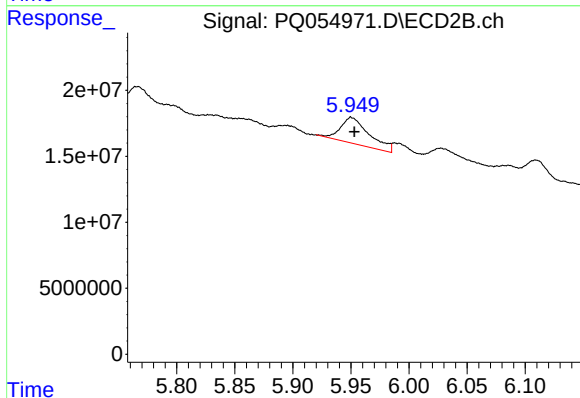
R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 24415106
Conc: 96.47 ng/ml



#7 AR-1016-5

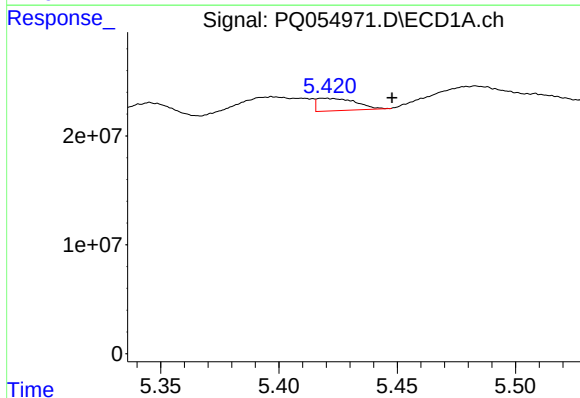
R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 40073634
Conc: 75.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



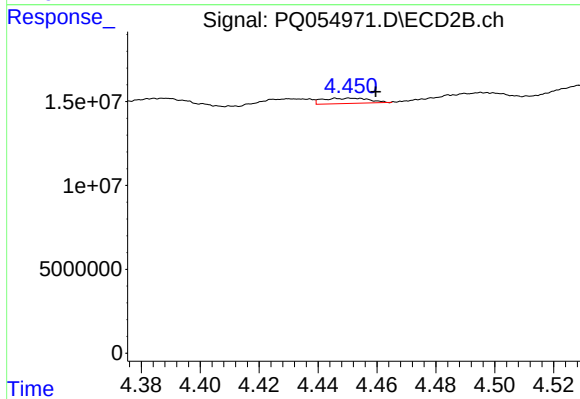
#7 AR-1016-5

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 34061814
Conc: 106.86 ng/ml



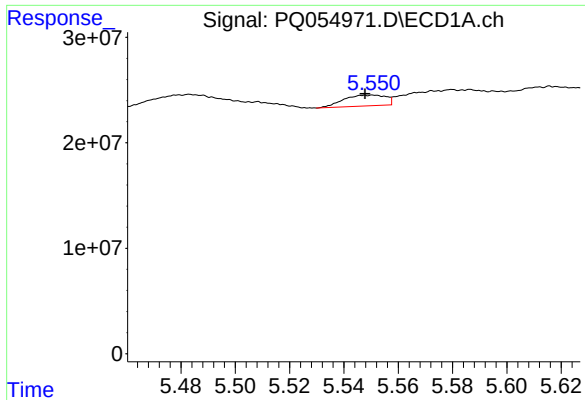
#8 AR-1221-1

R.T.: 5.419 min
Delta R.T.: -0.029 min
Response: 13010971
Conc: 49.67 ng/ml



#8 AR-1221-1

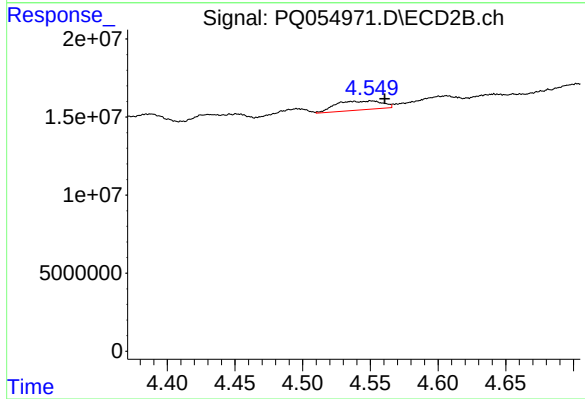
R.T.: 4.452 min
Delta R.T.: -0.008 min
Response: 3470360
Conc: 29.96 ng/ml



#9 AR-1221-2

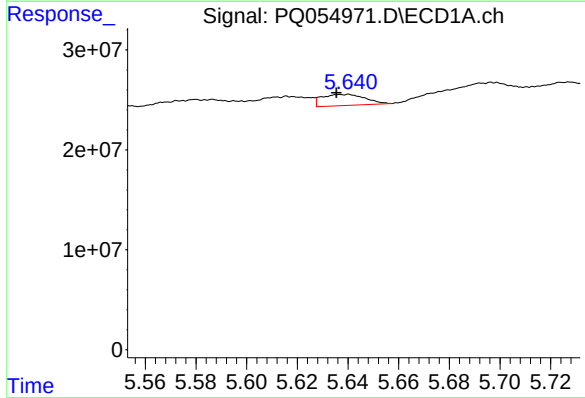
R.T.: 5.551 min
Delta R.T.: 0.003 min
Response: 10983036
Conc: 62.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



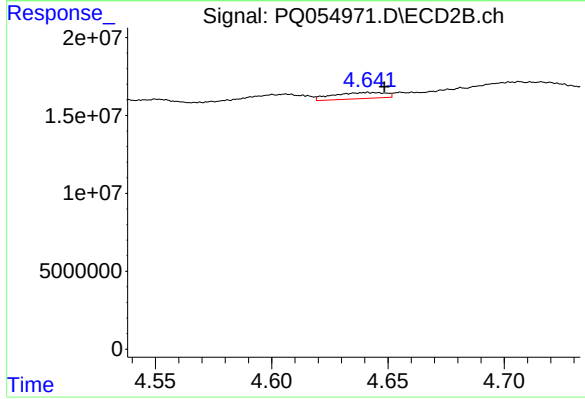
#9 AR-1221-2

R.T.: 4.551 min
Delta R.T.: -0.010 min
Response: 13712946
Conc: 171.21 ng/ml



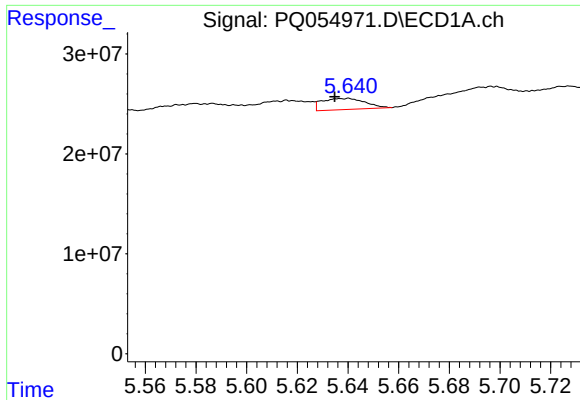
#10 AR-1221-3

R.T.: 5.640 min
Delta R.T.: 0.005 min
Response: 13224664
Conc: 22.94 ng/ml



#10 AR-1221-3

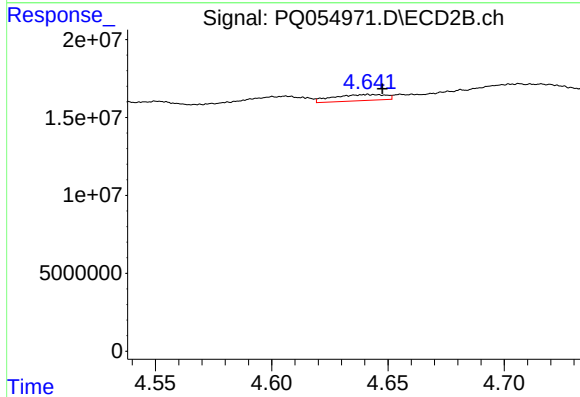
R.T.: 4.642 min
Delta R.T.: -0.007 min
Response: 6167921
Conc: 20.15 ng/ml



#11 AR-1232-1

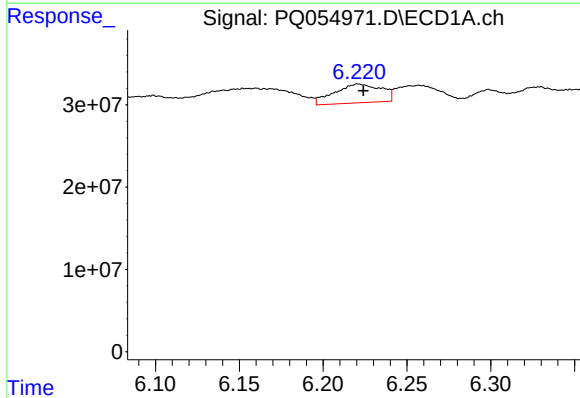
R.T.: 5.640 min
Delta R.T.: 0.005 min
Response: 13224664
Conc: 29.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



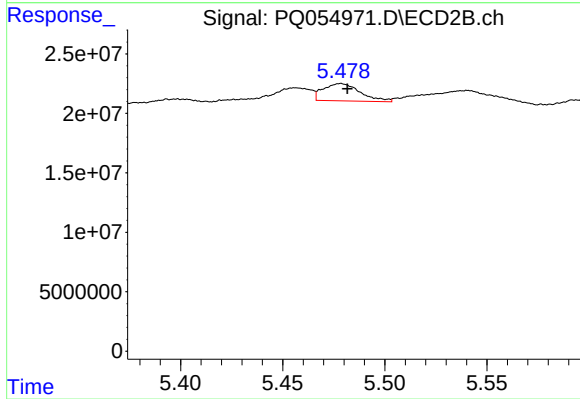
#11 AR-1232-1

R.T.: 4.642 min
Delta R.T.: -0.006 min
Response: 6167921
Conc: 25.14 ng/ml



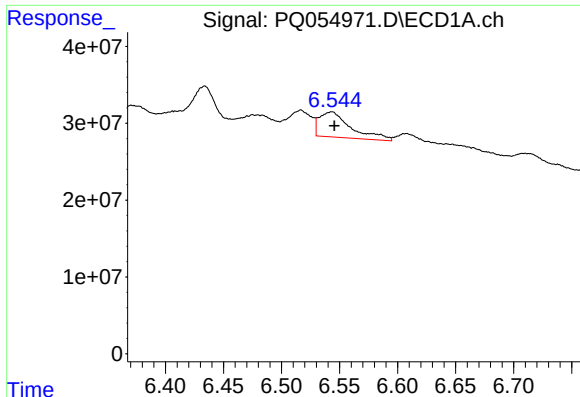
#12 AR-1232-2

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 44596467
Conc: 182.41 ng/ml



#12 AR-1232-2

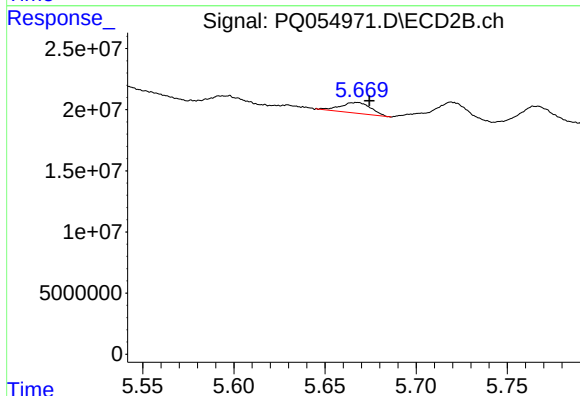
R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 18485995
Conc: 67.01 ng/ml



#13 AR-1232-3

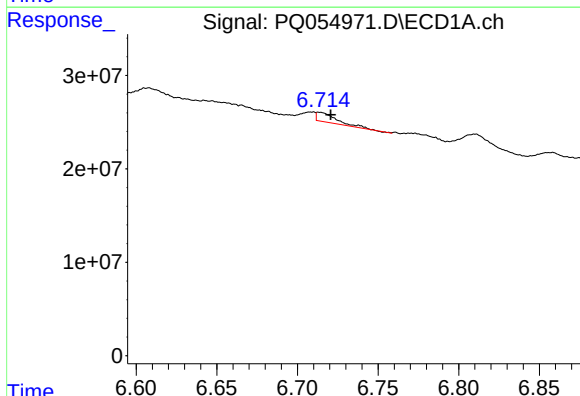
R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 62542388
Conc: 129.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



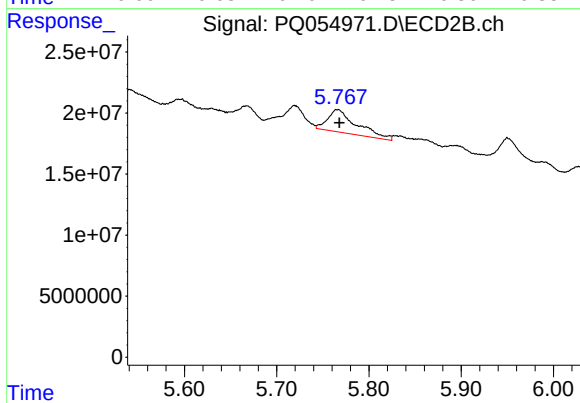
#13 AR-1232-3

R.T.: 5.667 min
Delta R.T.: -0.007 min
Response: 10195170
Conc: 83.11 ng/ml



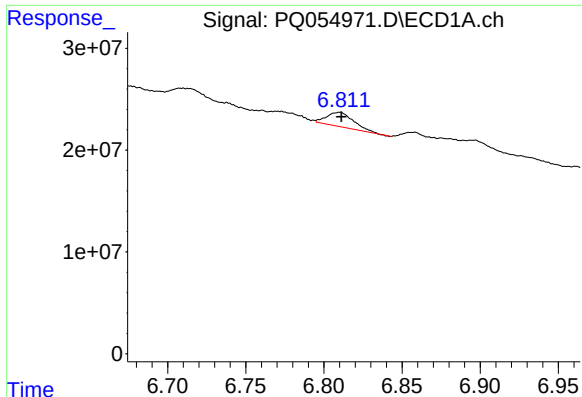
#14 AR-1232-4

R.T.: 6.713 min
Delta R.T.: -0.007 min
Response: 8776345
Conc: 38.80 ng/ml



#14 AR-1232-4

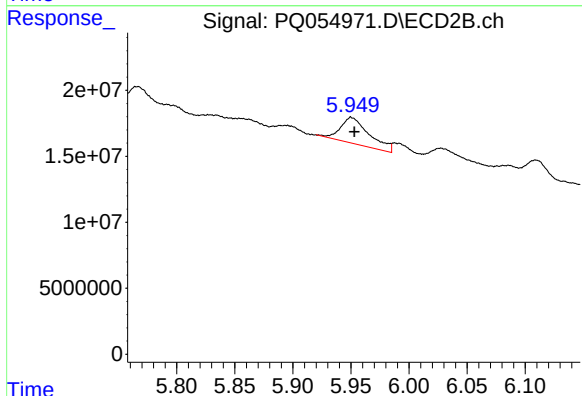
R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 40645438
Conc: 365.41 ng/ml



#15 AR-1232-5

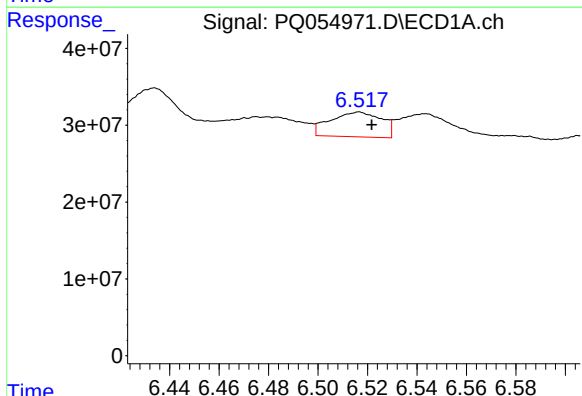
R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 16939450
Conc: 102.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



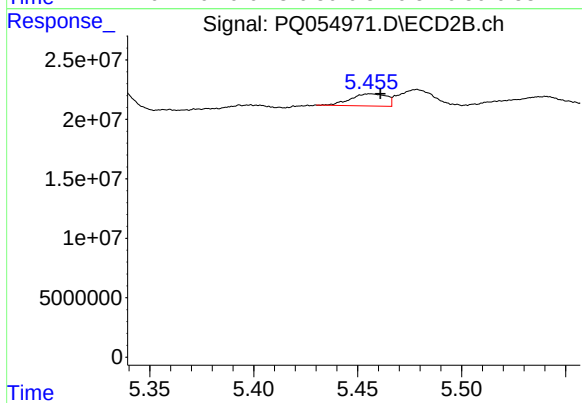
#15 AR-1232-5

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 34061814
Conc: 274.89 ng/ml



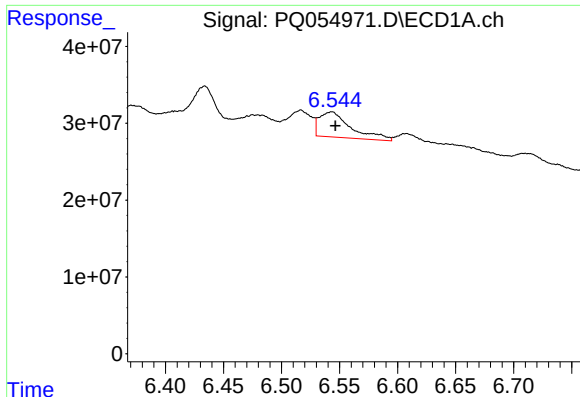
#16 AR-1242-1

R.T.: 6.517 min
Delta R.T.: -0.005 min
Response: 46507815
Conc: 78.95 ng/ml



#16 AR-1242-1

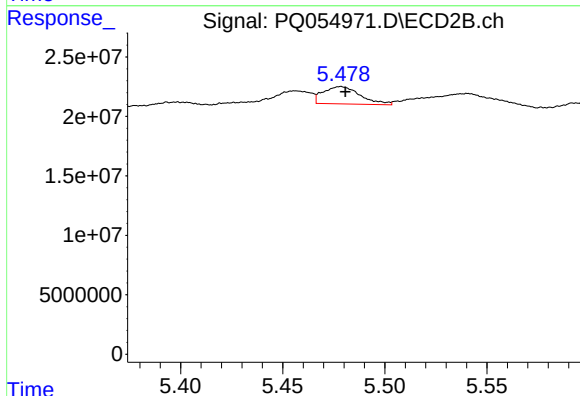
R.T.: 5.456 min
Delta R.T.: -0.005 min
Response: 12170372
Conc: 39.03 ng/ml



#17 AR-1242-2

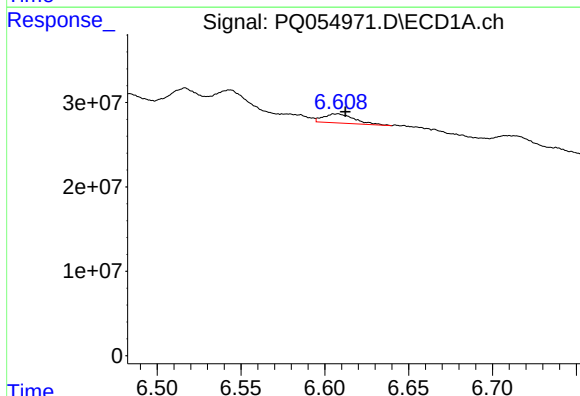
R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 62542388
Conc: 65.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



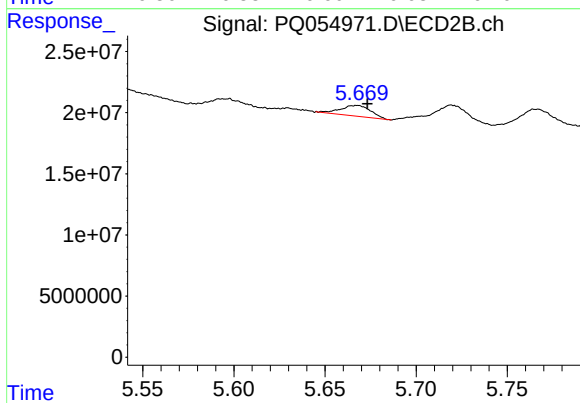
#17 AR-1242-2

R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 18485995
Conc: 33.67 ng/ml



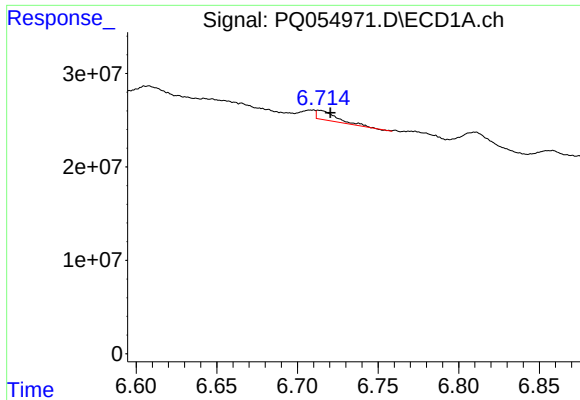
#18 AR-1242-3

R.T.: 6.608 min
Delta R.T.: -0.004 min
Response: 13822650
Conc: 23.94 ng/ml



#18 AR-1242-3

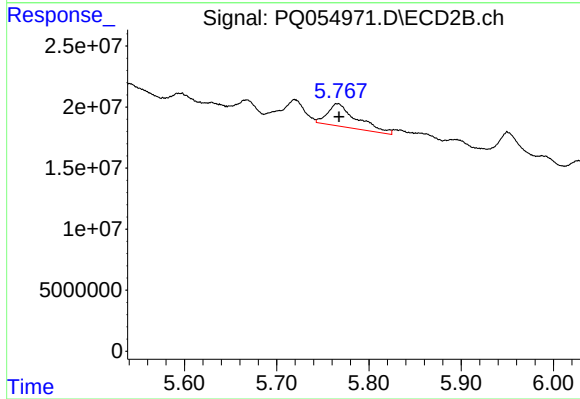
R.T.: 5.667 min
Delta R.T.: -0.006 min
Response: 10195170
Conc: 40.35 ng/ml



#19 AR-1242-4

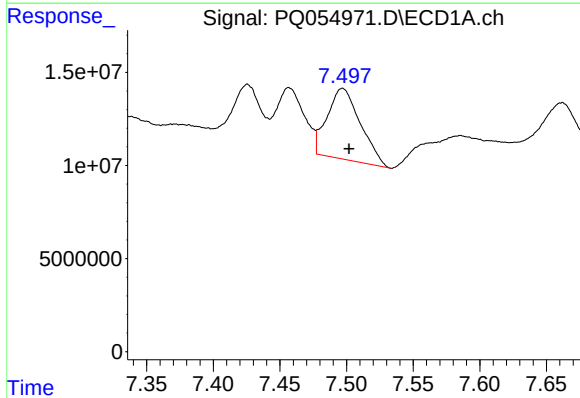
R.T.: 6.713 min
Delta R.T.: -0.007 min
Response: 8776345
Conc: 19.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



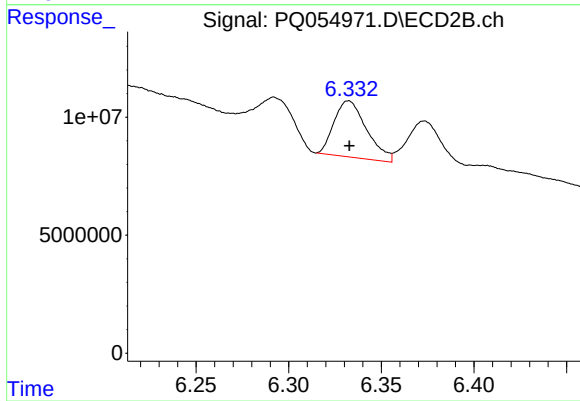
#19 AR-1242-4

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 40645438
Conc: 162.54 ng/ml



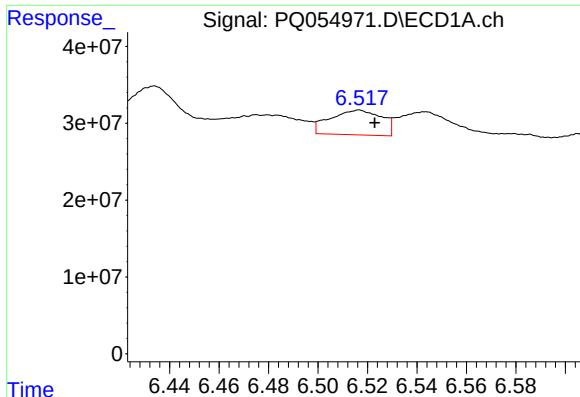
#20 AR-1242-5

R.T.: 7.497 min
Delta R.T.: -0.005 min
Response: 66010713
Conc: 126.86 ng/ml



#20 AR-1242-5

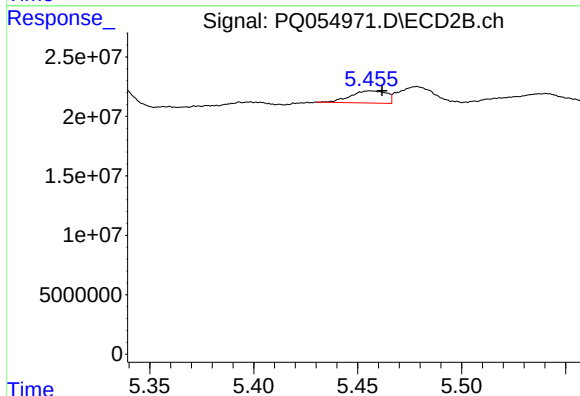
R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 29201258
Conc: 83.29 ng/ml



#21 AR-1248-1

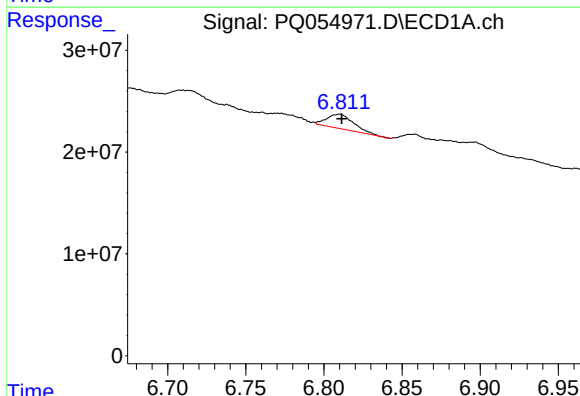
R.T.: 6.517 min
Delta R.T.: -0.006 min
Response: 46507815
Conc: 108.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



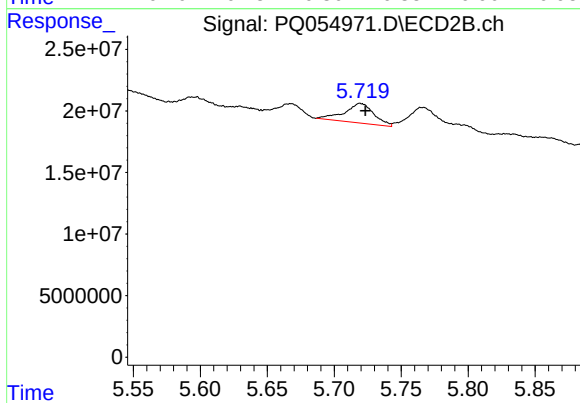
#21 AR-1248-1

R.T.: 5.456 min
Delta R.T.: -0.006 min
Response: 12170372
Conc: 52.86 ng/ml



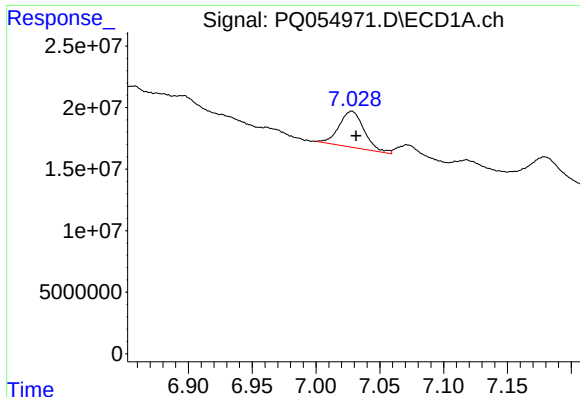
#22 AR-1248-2

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 16939450
Conc: 26.15 ng/ml



#22 AR-1248-2

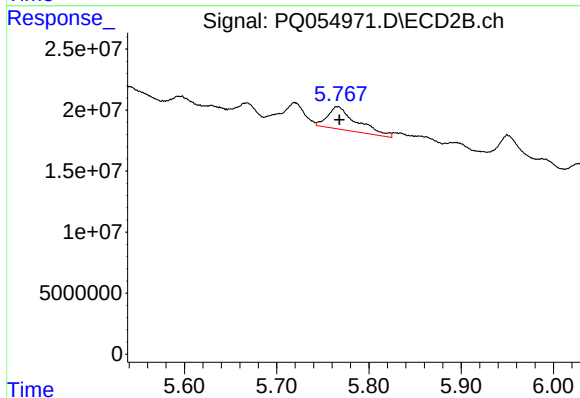
R.T.: 5.720 min
Delta R.T.: -0.004 min
Response: 24415106
Conc: 67.90 ng/ml



#23 AR-1248-3

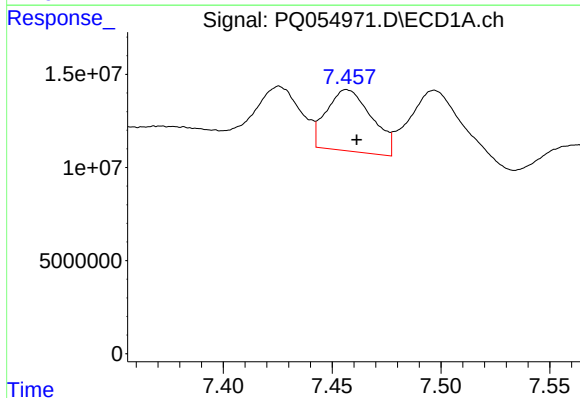
R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 40073634
Conc: 54.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



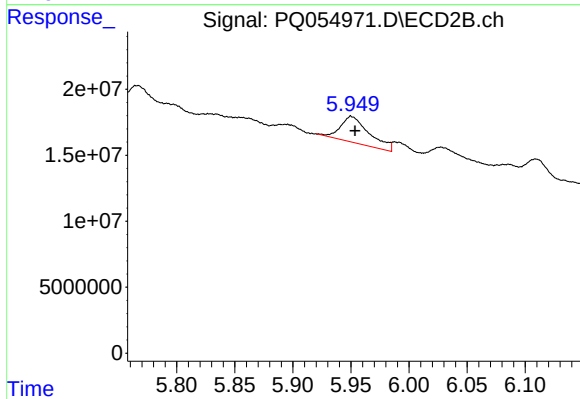
#23 AR-1248-3

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 40645438
Conc: 109.54 ng/ml



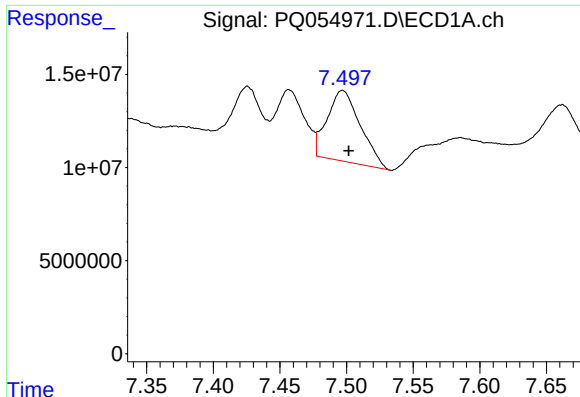
#24 AR-1248-4

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 47716210
Conc: 55.29 ng/ml



#24 AR-1248-4

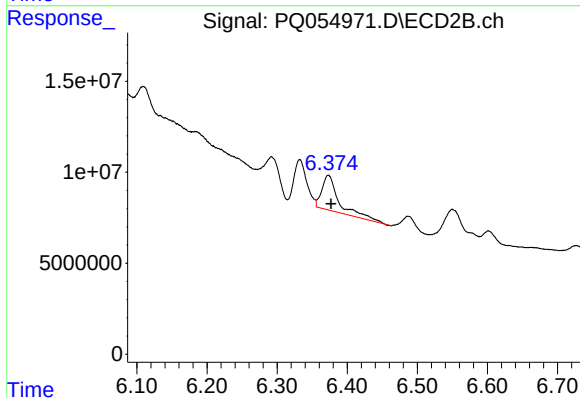
R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 34061814
Conc: 75.68 ng/ml



#25 AR-1248-5

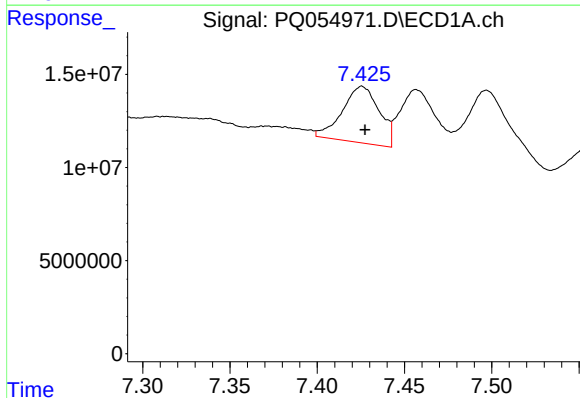
R.T.: 7.497 min
Delta R.T.: -0.004 min
Response: 66010713
Conc: 74.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



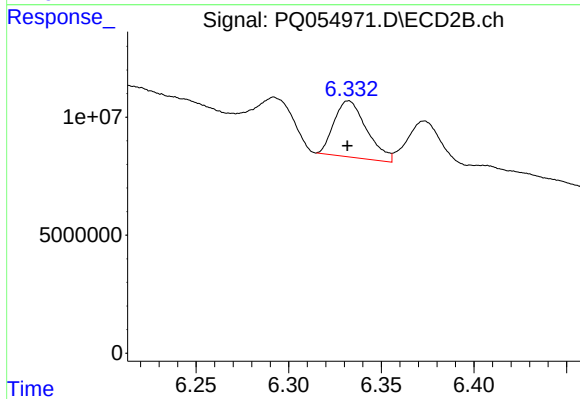
#25 AR-1248-5

R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 32489471
Conc: 66.71 ng/ml



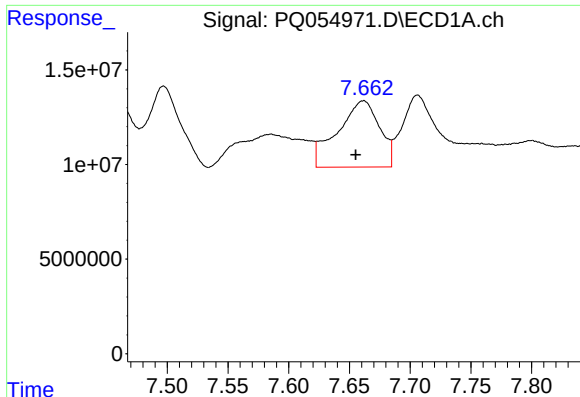
#26 AR-1254-1

R.T.: 7.426 min
Delta R.T.: -0.002 min
Response: 44711419
Conc: 54.19 ng/ml



#26 AR-1254-1

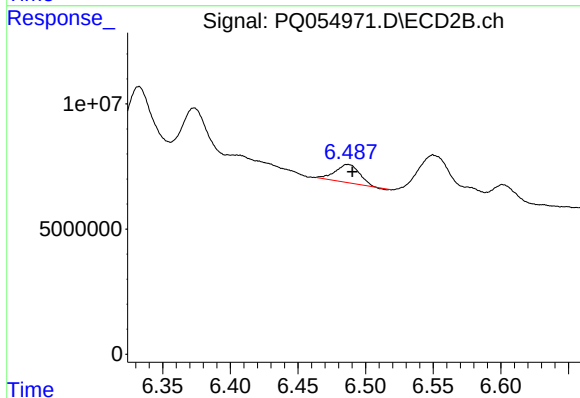
R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 29201258
Conc: 40.09 ng/ml



#27 AR-1254-2

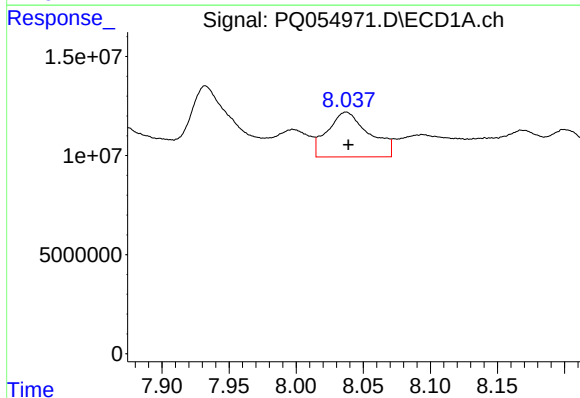
R.T.: 7.662 min
Delta R.T.: 0.007 min
Response: 84248775
Conc: 65.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



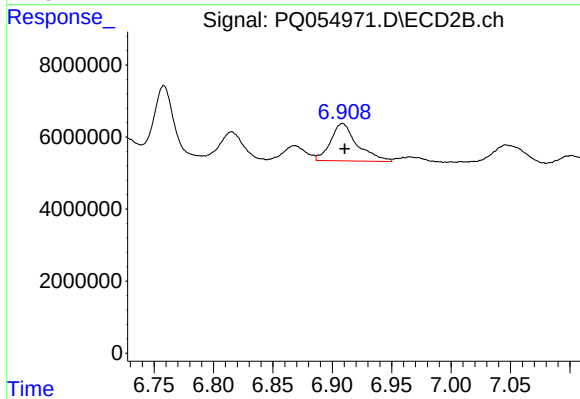
#27 AR-1254-2

R.T.: 6.487 min
Delta R.T.: -0.003 min
Response: 9036846
Conc: 14.03 ng/ml



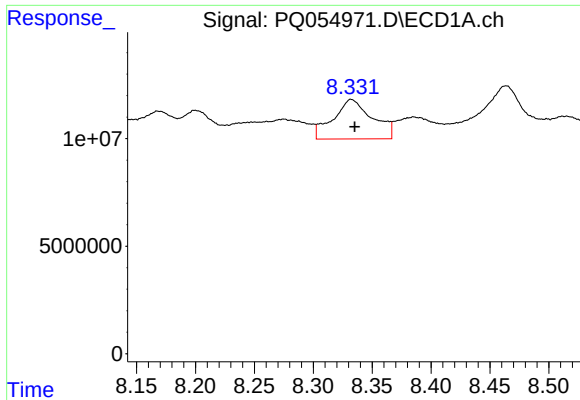
#28 AR-1254-3

R.T.: 8.037 min
Delta R.T.: -0.002 min
Response: 48958050
Conc: 35.15 ng/ml



#28 AR-1254-3

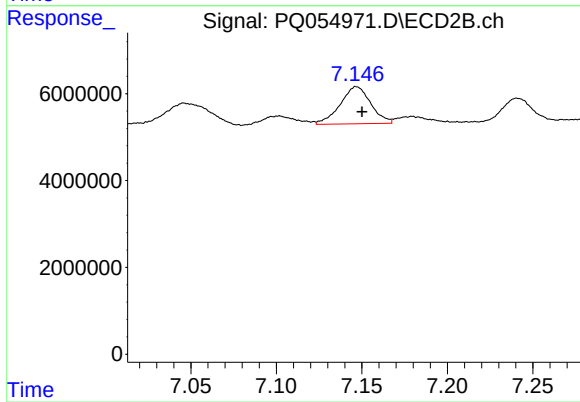
R.T.: 6.909 min
Delta R.T.: -0.002 min
Response: 16217975
Conc: 15.55 ng/ml



#29 AR-1254-4

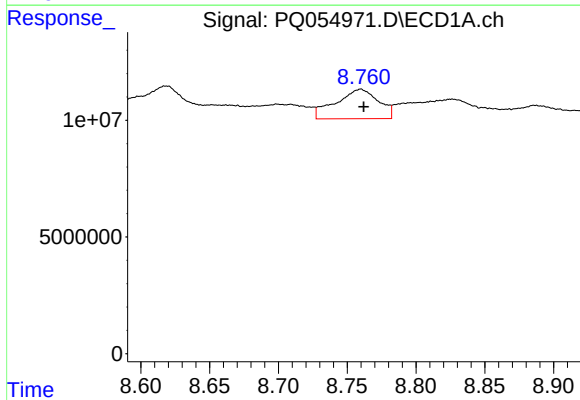
R.T.: 8.332 min
Delta R.T.: -0.003 min
Response: 42726880
Conc: 41.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



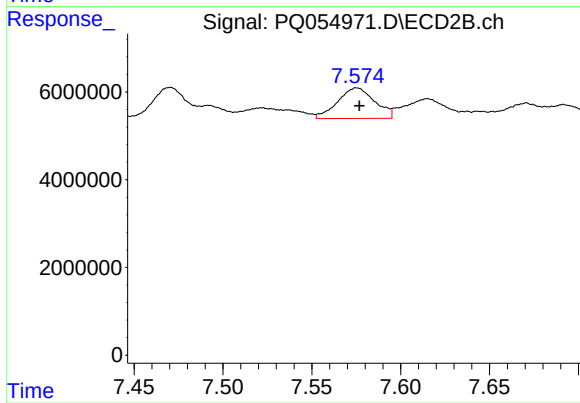
#29 AR-1254-4

R.T.: 7.147 min
Delta R.T.: -0.003 min
Response: 10654408
Conc: 15.14 ng/ml



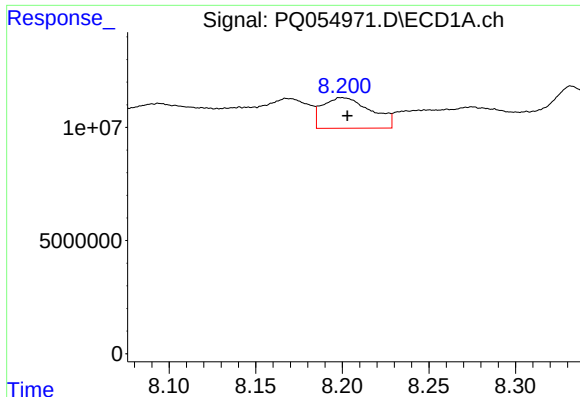
#30 AR-1254-5

R.T.: 8.760 min
Delta R.T.: -0.002 min
Response: 27285730
Conc: 25.08 ng/ml



#30 AR-1254-5

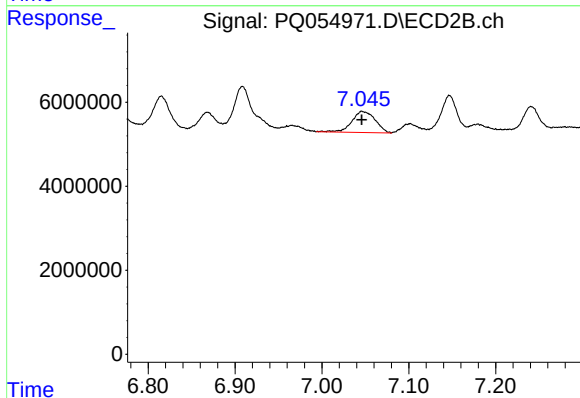
R.T.: 7.575 min
Delta R.T.: -0.001 min
Response: 10087345
Conc: 9.81 ng/ml



#31 AR-1260-1

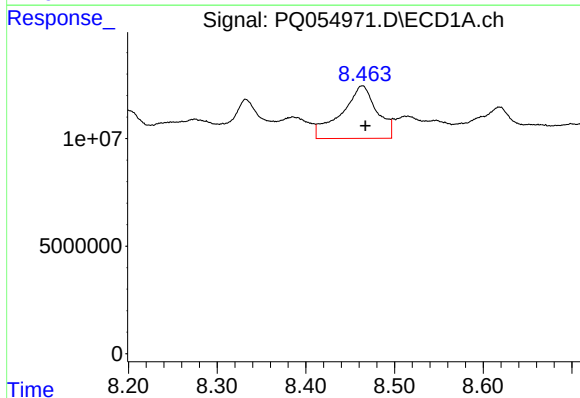
R.T.: 8.200 min
Delta R.T.: -0.003 min
Response: 26409008
Conc: 30.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



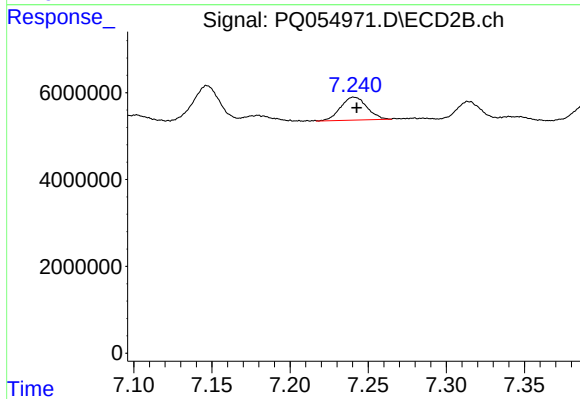
#31 AR-1260-1

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 9388003
Conc: 14.44 ng/ml



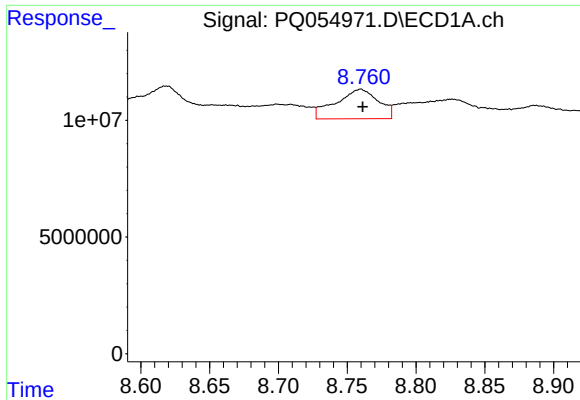
#32 AR-1260-2

R.T.: 8.464 min
Delta R.T.: -0.003 min
Response: 68141481
Conc: 60.86 ng/ml



#32 AR-1260-2

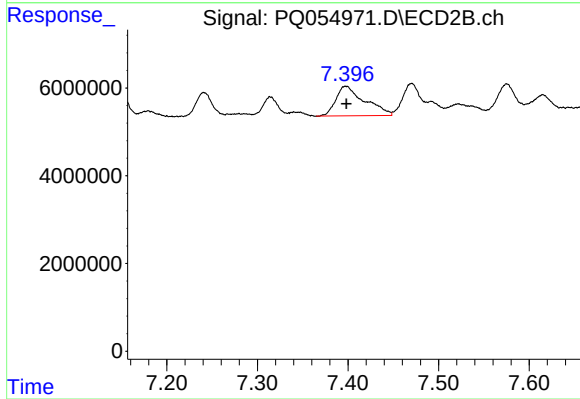
R.T.: 7.241 min
Delta R.T.: -0.002 min
Response: 6234795
Conc: 6.94 ng/ml



#33 AR-1260-3

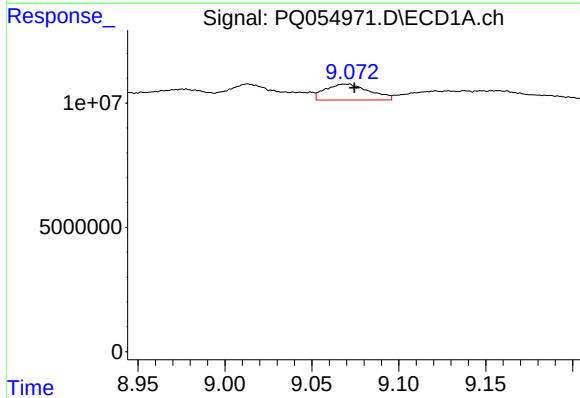
R.T.: 8.760 min
Delta R.T.: -0.001 min
Response: 27285730
Conc: 22.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



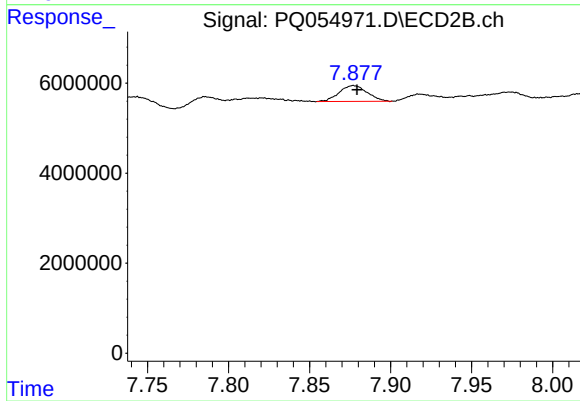
#33 AR-1260-3

R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 14972329
Conc: 18.34 ng/ml



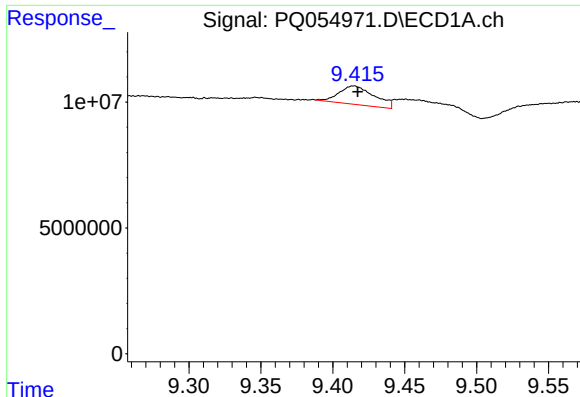
#34 AR-1260-4

R.T.: 9.072 min
Delta R.T.: -0.003 min
Response: 11275918
Conc: 12.33 ng/ml



#34 AR-1260-4

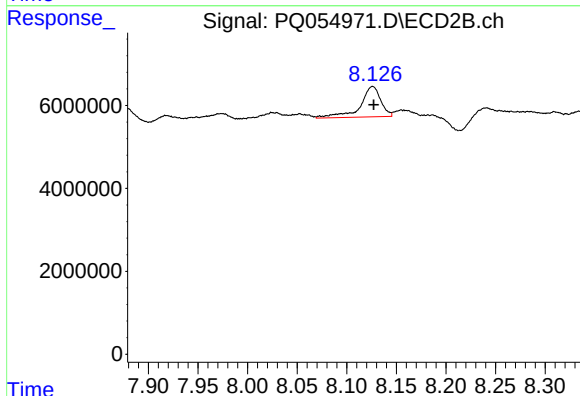
R.T.: 7.877 min
Delta R.T.: -0.002 min
Response: 4232308
Conc: 6.18 ng/ml



#35 AR-1260-5

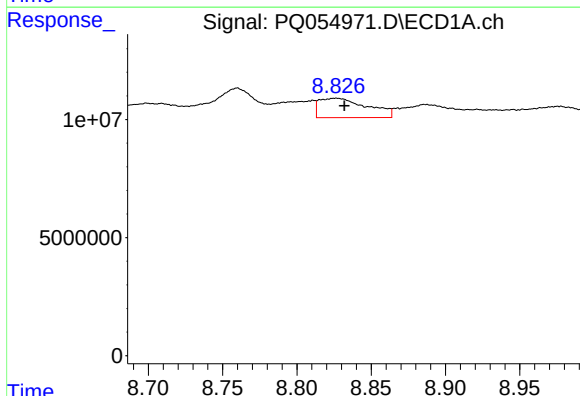
R.T.: 9.414 min
Delta R.T.: -0.003 min
Response: 12586991
Conc: 6.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



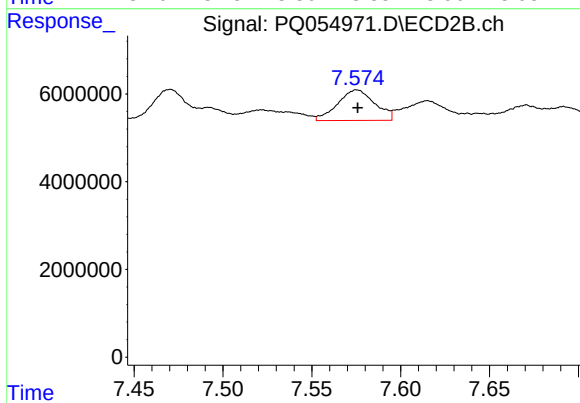
#35 AR-1260-5

R.T.: 8.126 min
Delta R.T.: -0.001 min
Response: 10631949
Conc: 5.53 ng/ml



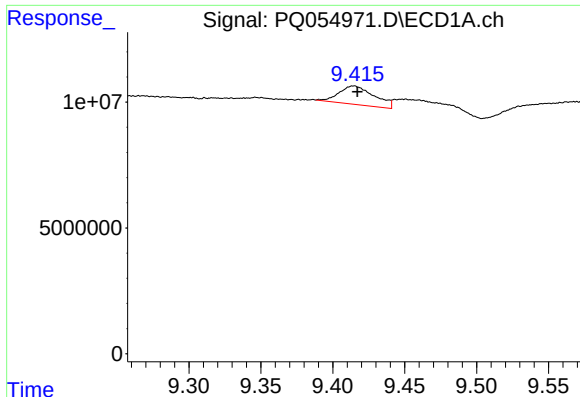
#36 AR-1262-1

R.T.: 8.827 min
Delta R.T.: -0.005 min
Response: 18625664
Conc: 14.70 ng/ml



#36 AR-1262-1

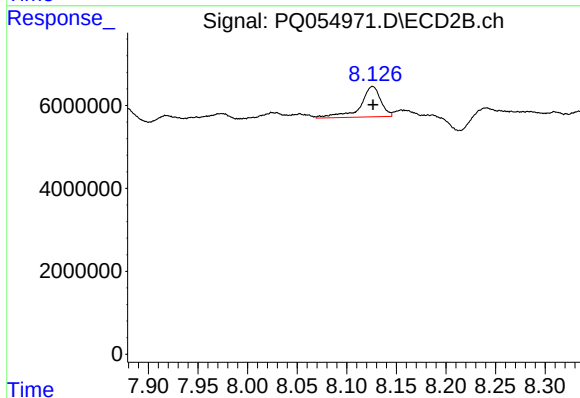
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 10087345
Conc: 18.26 ng/ml



#37 AR-1262-2

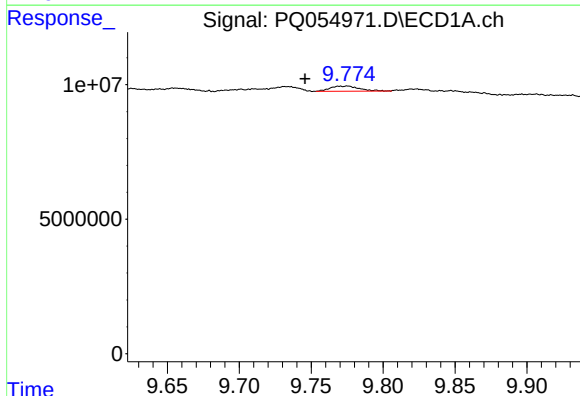
R.T.: 9.414 min
Delta R.T.: -0.003 min
Response: 12586991
Conc: 5.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



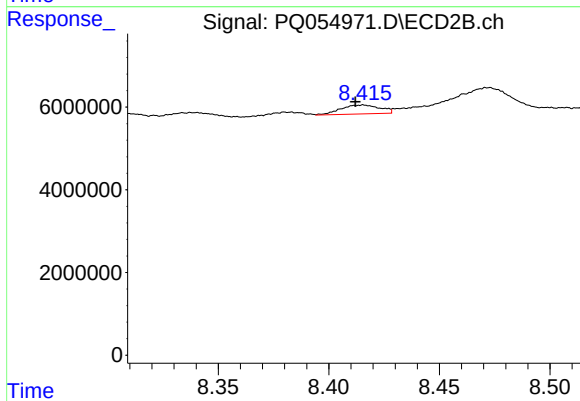
#37 AR-1262-2

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 10631949
Conc: 4.41 ng/ml



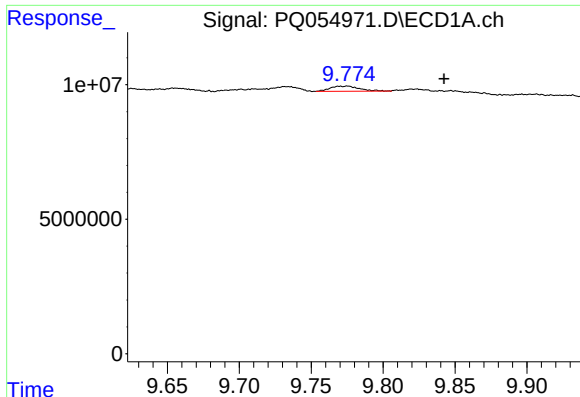
#38 AR-1262-3

R.T.: 9.775 min
Delta R.T.: 0.030 min
Response: 2666599
Conc: 2.70 ng/ml



#38 AR-1262-3

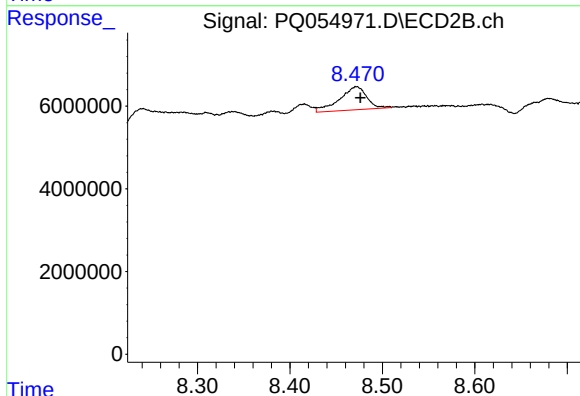
R.T.: 8.415 min
Delta R.T.: 0.004 min
Response: 2641096
Conc: 2.73 ng/ml



#39 AR-1262-4

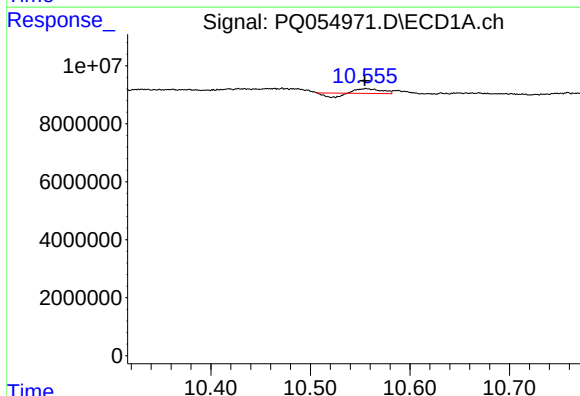
R.T.: 9.775 min
Delta R.T.: -0.067 min
Response: 2666599
Conc: 4.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



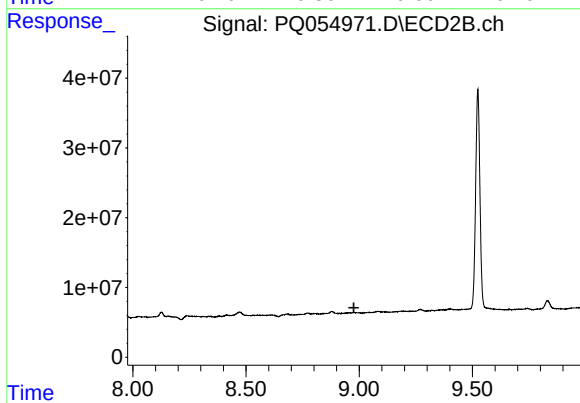
#39 AR-1262-4

R.T.: 8.472 min
Delta R.T.: -0.004 min
Response: 11435330
Conc: 6.86 ng/ml



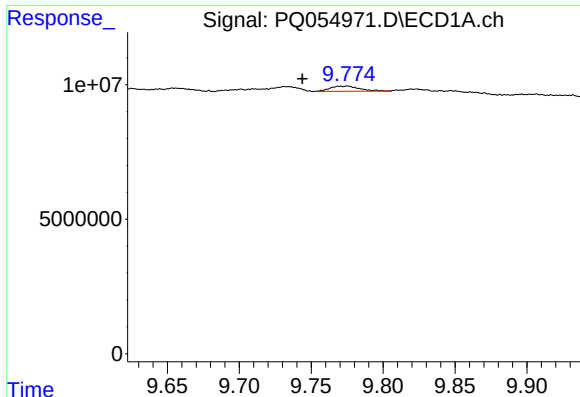
#40 AR-1262-5

R.T.: 10.556 min
Delta R.T.: 0.001 min
Response: 1474940
Conc: 1.70 ng/ml



#40 AR-1262-5

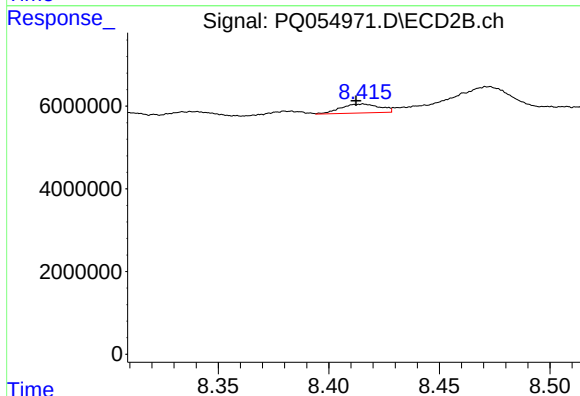
R.T.: 0.000 min
Exp R.T.: 8.976 min
Response: 0
Conc: N.D.



#41 AR-1268-1

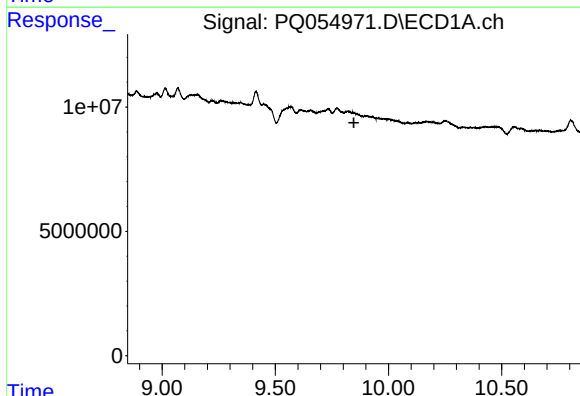
R.T.: 9.775 min
Delta R.T.: 0.031 min
Response: 2666599
Conc: 1.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



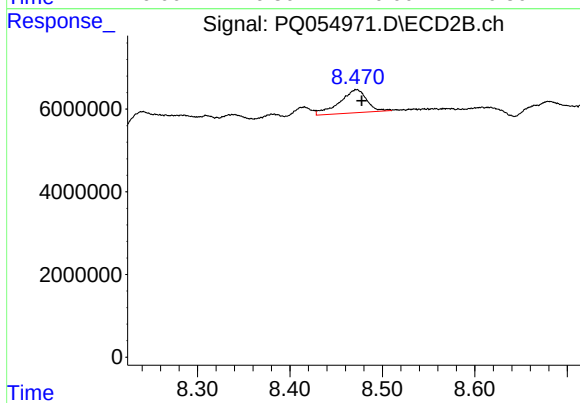
#41 AR-1268-1

R.T.: 8.415 min
Delta R.T.: 0.003 min
Response: 2641096
Conc: 0.92 ng/ml



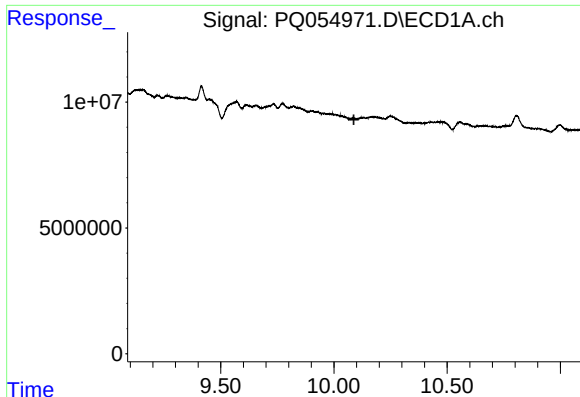
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.847 min
Response: 0
Conc: N.D.



#42 AR-1268-2

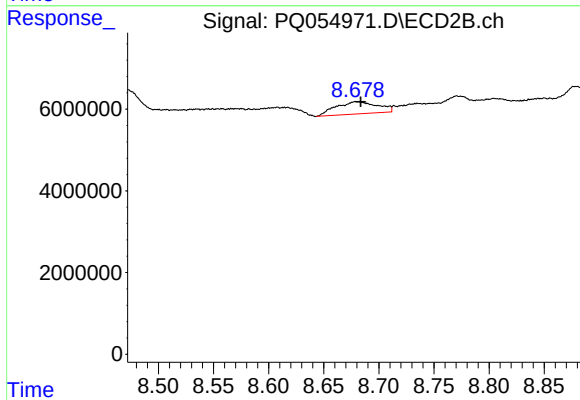
R.T.: 8.472 min
Delta R.T.: -0.005 min
Response: 11435330
Conc: 4.61 ng/ml



#43 AR-1268-3

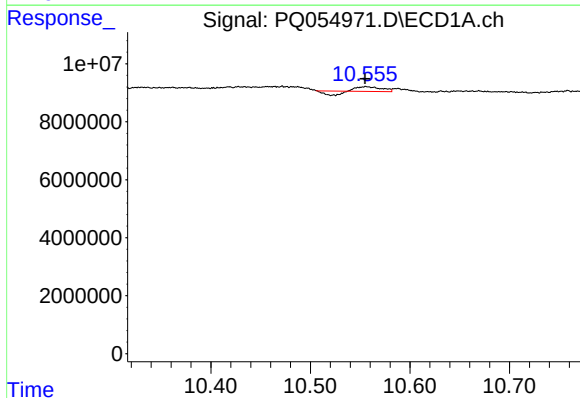
R.T.: 0.000 min
Exp R.T.: 10.088 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



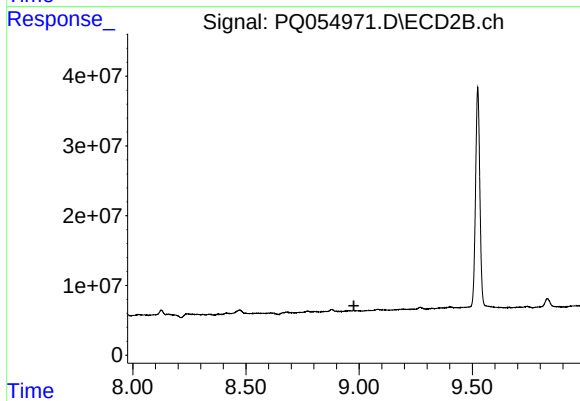
#43 AR-1268-3

R.T.: 8.680 min
Delta R.T.: -0.003 min
Response: 7943455
Conc: 3.69 ng/ml



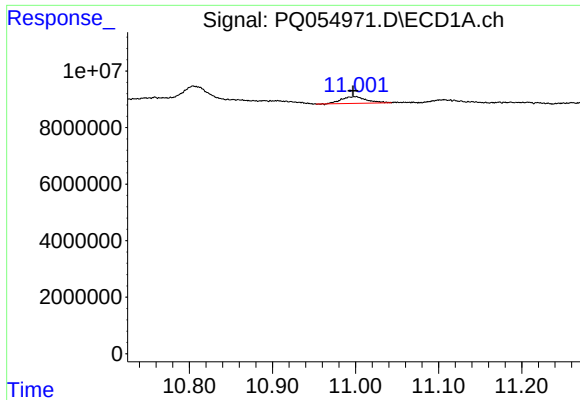
#44 AR-1268-4

R.T.: 10.556 min
Delta R.T.: 0.001 min
Response: 1474940
Conc: 1.57 ng/ml



#44 AR-1268-4

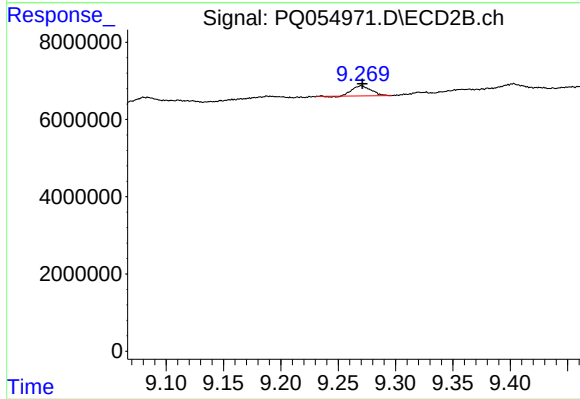
R.T.: 0.000 min
Exp R.T.: 8.977 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.000 min
Delta R.T.: 0.003 min
Response: 5011849
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.270 min
Delta R.T.: 0.000 min
Response: 2955070
Conc: 0.47 ng/ml