

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091819\
 Data File : PQ043665.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2019 13:26
 Operator : SM\AJ
 Sample : MDL-AR1660-W-6
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 13:44:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 18 08:09:29 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...	5.233	4.411	24150868	11866197	11.291	12.945
2)	SA Decachlor...	11.403	9.869	344.7E6	124.0E6	43.984	40.577
Target Compounds							
3)	L1 AR-1016-1	6.548	5.714	2107870	2120132	21.558	55.876 #
4)	L1 AR-1016-2	6.571	5.714	2860845	2120132	20.131	40.601 #
5)	L1 AR-1016-3	6.639	5.912	1700709	952240	19.752	33.858 #
6)	L1 AR-1016-4	6.746	5.962	1854101	365293	25.339	15.568 #
7)	L1 AR-1016-5	7.061	6.194	1807921	763541	23.328	23.860
9)	L2 AR-1221-2	5.584	0.000	441456	0	25.522	N.D. #
10)	L2 AR-1221-3	5.662	0.000	467510	0	7.758	N.D. #
11)	L3 AR-1232-1	5.662	0.000	467510	0	9.178	N.D. #
12)	L3 AR-1232-2	6.254	5.714	1161411	2120132	41.051	86.854 #
13)	L3 AR-1232-3	6.571	5.912	2860845	952240	45.307	75.087 #
14)	L3 AR-1232-4	6.746	6.005	1854101	814165	56.751	72.847 #
15)	L3 AR-1232-5	6.844	6.194	1505041	763541	60.358	56.592
16)	L4 AR-1242-1	6.548	5.714	2107870	2120132	25.194	64.713 #
17)	L4 AR-1242-2	6.571	5.714	2860845	2120132	23.548	46.576 #
18)	L4 AR-1242-3	6.639	5.912	1700709	952240	23.135	39.287 #
19)	L4 AR-1242-4	6.746	6.005	1854101	814165	29.438	33.448
20)	L4 AR-1242-5	7.526	6.577	2651735	1983353	28.971	56.533 #
21)	L5 AR-1248-1	6.548	5.714	2107870	2120132	29.908	76.836 #
22)	L5 AR-1248-2	6.844	5.962	1505041	365293	14.815	9.704 #
23)	L5 AR-1248-3	7.061	6.005	1807921	814165	15.009	21.164 #
24)	L5 AR-1248-4	7.461	6.194	6407562	763541	40.056	16.222 #
25)	L5 AR-1248-5	7.526	6.605	2651735	3217761	16.987	61.114 #
26)	L6 AR-1254-1	7.461	6.577	6407562	1983353	45.579	27.326 #
27)	L6 AR-1254-2	7.689	6.734	11177028	3735227	47.121	56.840
28)	L6 AR-1254-3	8.080	7.177	8263793	4650020	28.830	39.180 #
29)	L6 AR-1254-4	8.365	7.401	6785212	1237016	28.217	14.426 #
30)	L6 AR-1254-5	8.797	7.836	12517149	2875297	39.532	23.369 #
31)	L7 AR-1260-1	8.244	7.300	6171124	3641185	32.428	52.066 #
32)	L7 AR-1260-2	8.505	7.492	9658171	3739336	39.515	41.490
33)	L7 AR-1260-3	8.873	7.657	7577564	2475413	38.005	28.676
34)	L7 AR-1260-4	9.114	8.144	9325138	2250860	37.124	28.905
35)	L7 AR-1260-5	9.457	8.388	17698640	6452309	31.262	30.567
36)	L8 AR-1262-1	8.873	7.930	7577564	1214444	23.217	24.377
37)	L8 AR-1262-2	9.457	8.388	17698640	6452309	24.233	24.614
38)	L8 AR-1262-3	9.809	8.680	14092677	2305743	26.373	18.654 #
39)	L8 AR-1262-4	9.869	8.745	9581473	9658864	23.445	39.971 #
40)	L8 AR-1262-5	10.593	9.267	7723365	3442039	21.870	22.889
41)	L9 AR-1268-1	9.809	8.680	14092677	2305743	16.365	6.925 #
42)	L9 AR-1268-2	9.869	8.745	9581473	9658864	11.531	29.912 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091819\
Data File : PQ043665.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2019 13:26
Operator : SM\AJ
Sample : MDL-AR1660-W-6
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 13:44:25 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 18 08:09:29 2019
Response via : Initial Calibration
Integrator: ChemStation

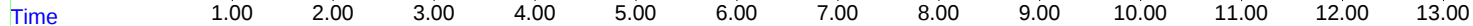
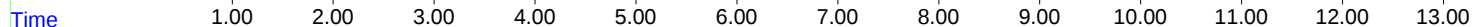
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

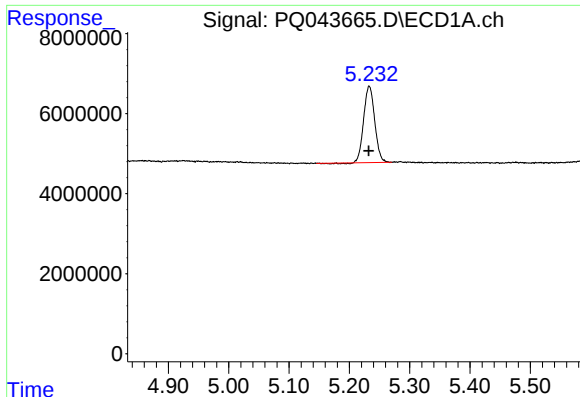
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	10.135	8.961	2838993	1458263	4.033	5.103 #
44)	L9 AR-1268-4	10.593	9.267	7723365	3442039	20.052	21.357
45)	L9 AR-1268-5	11.038	9.587	4906749	3382312	1.587	2.756 #

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

Instrument :
ECD_Q
ClientSampleId :

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

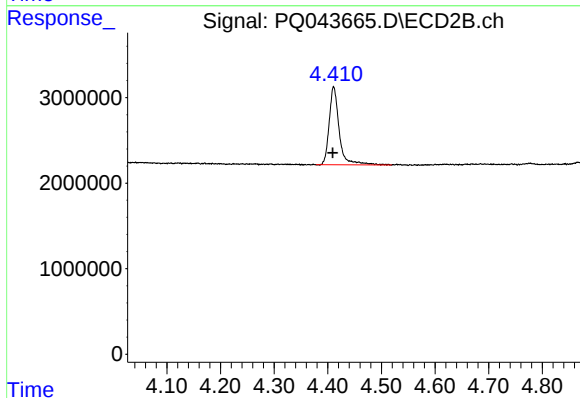




#1 Tetrachloro-m-xylene

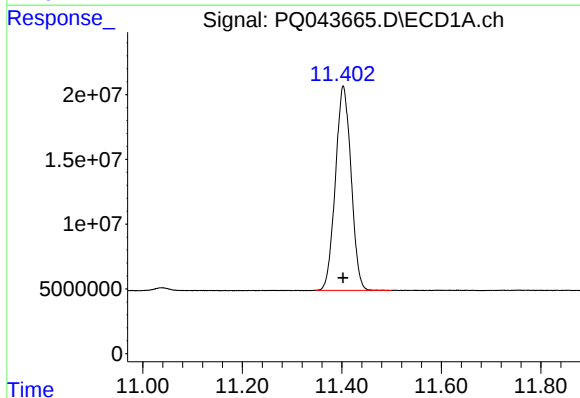
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 24150868
Conc: 11.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



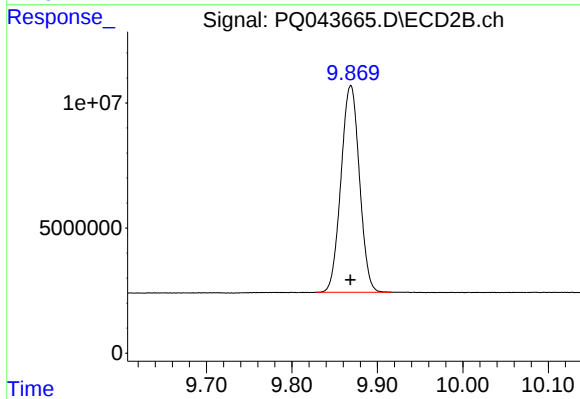
#1 Tetrachloro-m-xylene

R.T.: 4.411 min
Delta R.T.: 0.002 min
Response: 11866197
Conc: 12.95 ng/ml



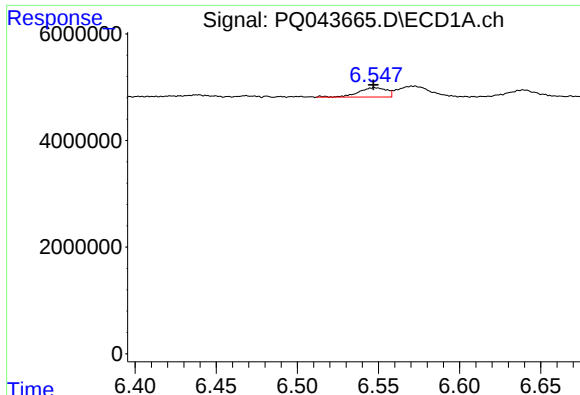
#2 Decachlorobiphenyl

R.T.: 11.403 min
Delta R.T.: 0.000 min
Response: 344710258
Conc: 43.98 ng/ml



#2 Decachlorobiphenyl

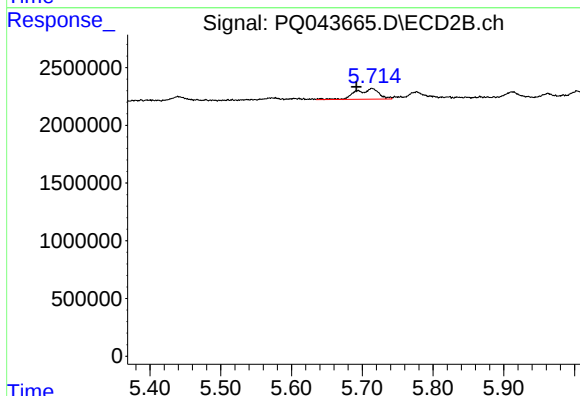
R.T.: 9.869 min
Delta R.T.: 0.000 min
Response: 123977401
Conc: 40.58 ng/ml



#3 AR-1016-1

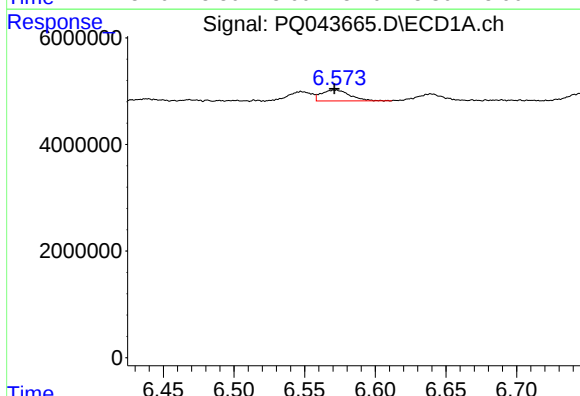
R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: 2107870
Conc: 21.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



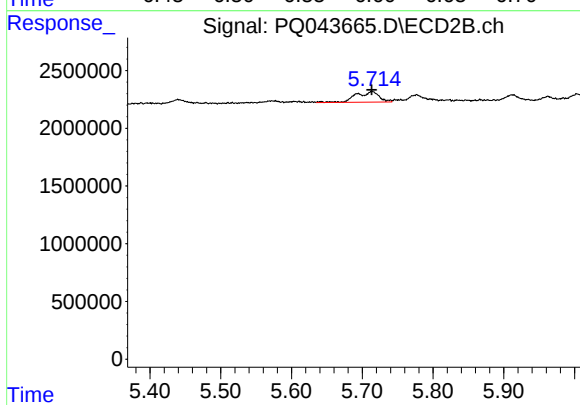
#3 AR-1016-1

R.T.: 5.714 min
Delta R.T.: 0.022 min
Response: 2120132
Conc: 55.88 ng/ml



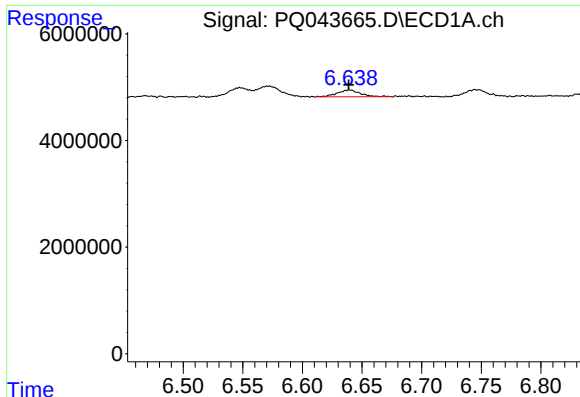
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 2860845
Conc: 20.13 ng/ml



#4 AR-1016-2

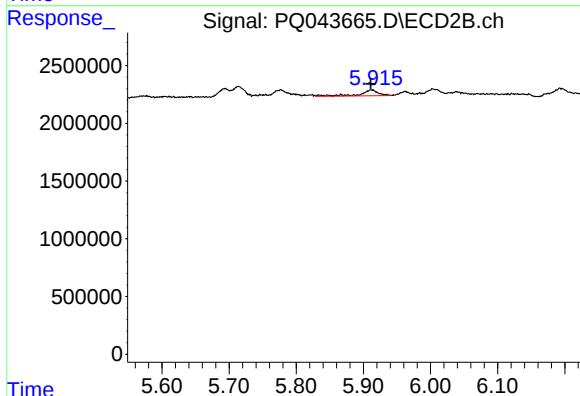
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 2120132
Conc: 40.60 ng/ml



#5 AR-1016-3

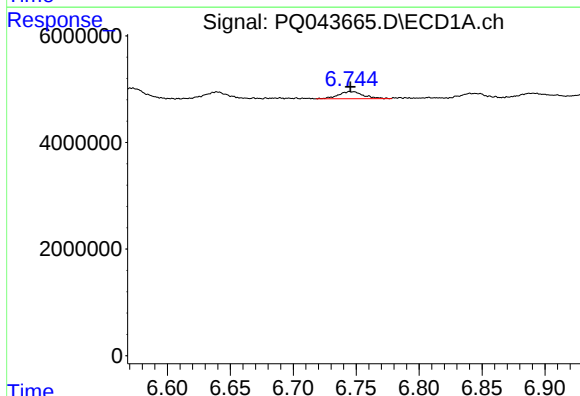
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 1700709
Conc: 19.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



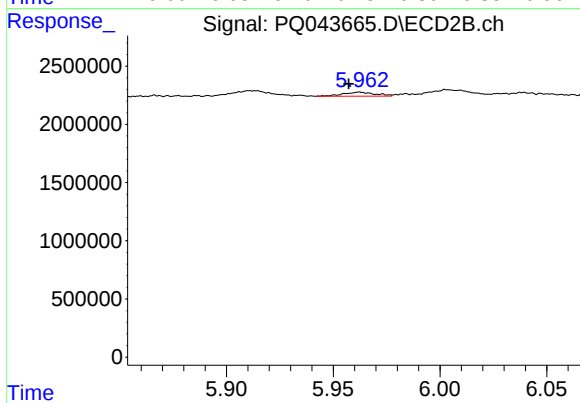
#5 AR-1016-3

R.T.: 5.912 min
Delta R.T.: 0.001 min
Response: 952240
Conc: 33.86 ng/ml



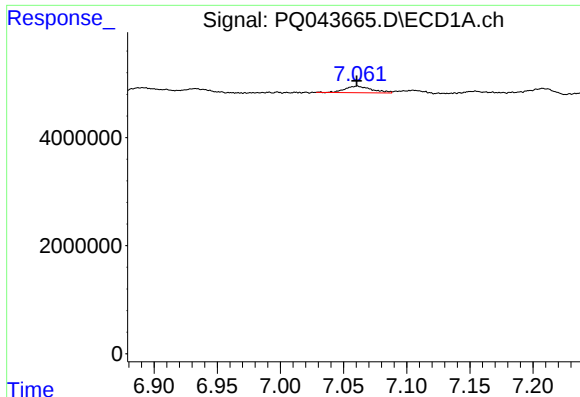
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 1854101
Conc: 25.34 ng/ml



#6 AR-1016-4

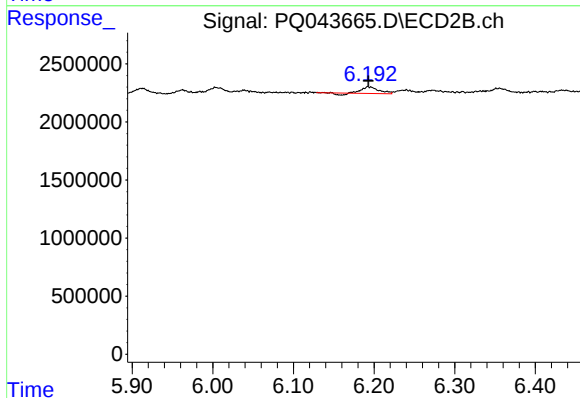
R.T.: 5.962 min
Delta R.T.: 0.005 min
Response: 365293
Conc: 15.57 ng/ml



#7 AR-1016-5

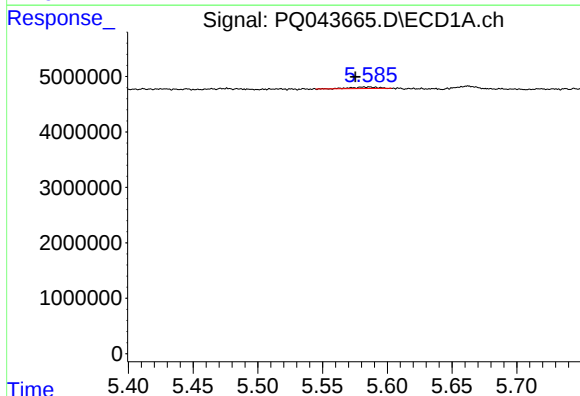
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 1807921
Conc: 23.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



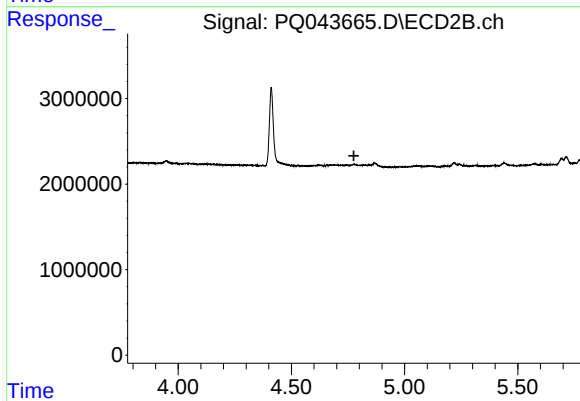
#7 AR-1016-5

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 763541
Conc: 23.86 ng/ml



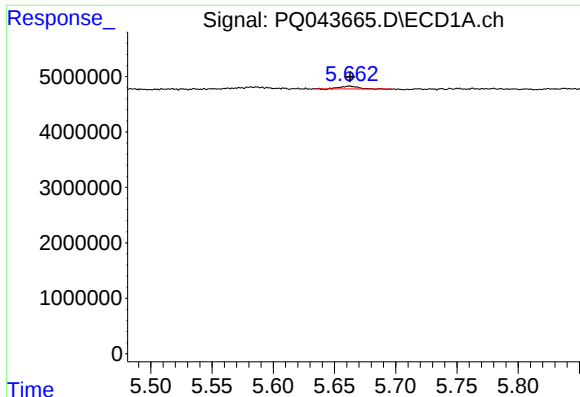
#9 AR-1221-2

R.T.: 5.584 min
Delta R.T.: 0.008 min
Response: 441456
Conc: 25.52 ng/ml



#9 AR-1221-2

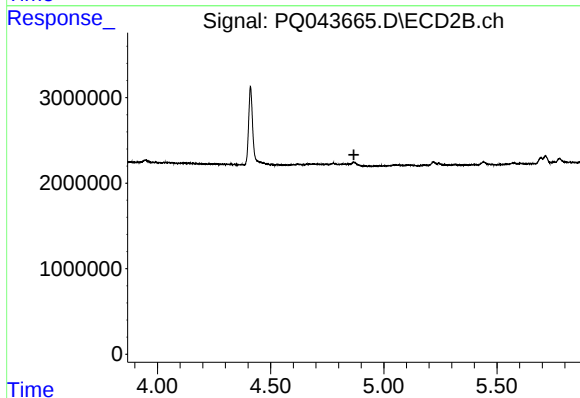
R.T.: 0.000 min
Exp R.T.: 4.776 min
Response: 0
Conc: N.D.



#10 AR-1221-3

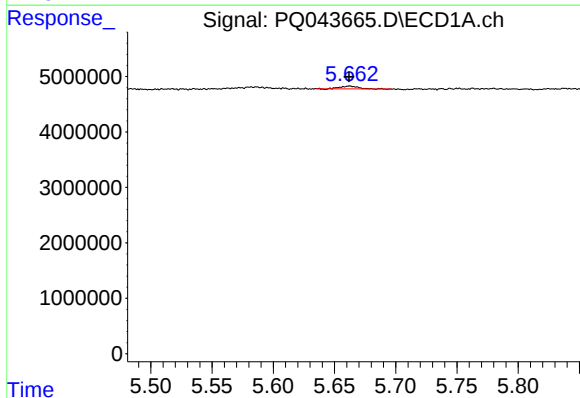
R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 467510
Conc: 7.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



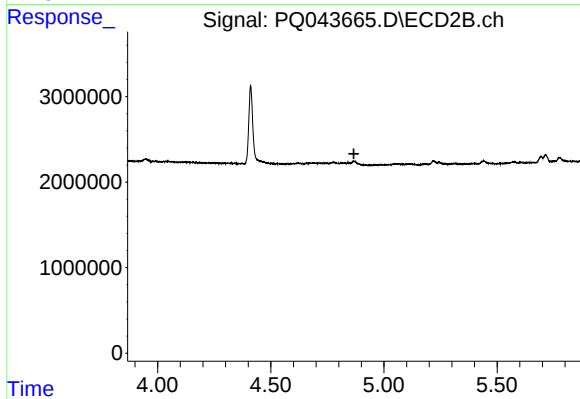
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.868 min
Response: 0
Conc: N.D.



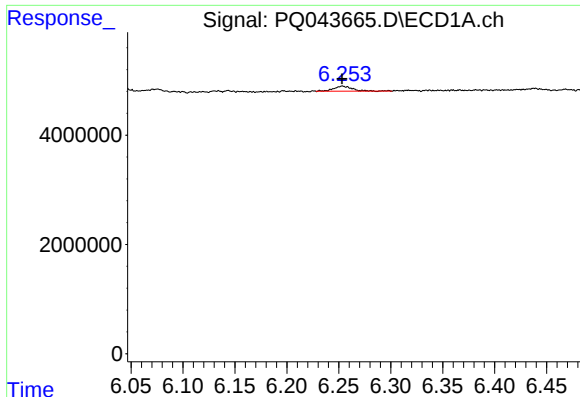
#11 AR-1232-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 467510
Conc: 9.18 ng/ml



#11 AR-1232-1

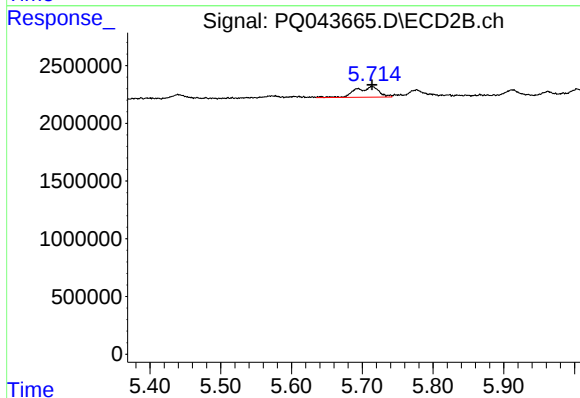
R.T.: 0.000 min
Exp R.T. : 4.867 min
Response: 0
Conc: N.D.



#12 AR-1232-2

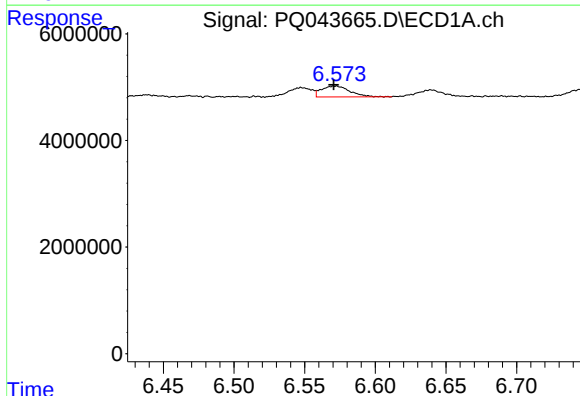
R.T.: 6.254 min
Delta R.T.: 0.001 min
Response: 1161411
Conc: 41.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



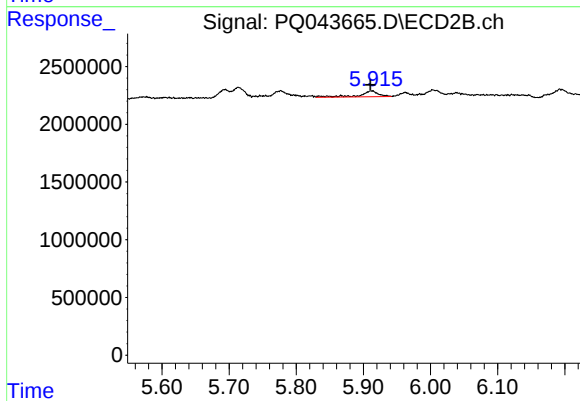
#12 AR-1232-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 2120132
Conc: 86.85 ng/ml



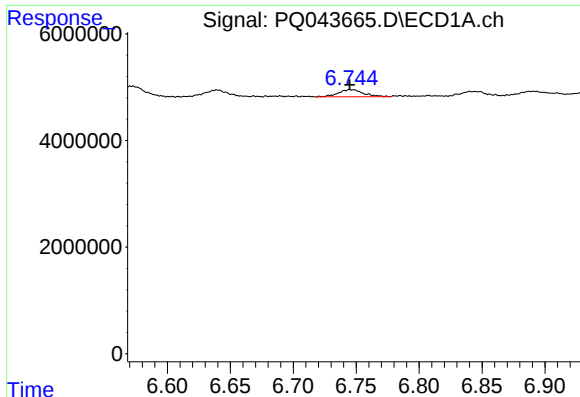
#13 AR-1232-3

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 2860845
Conc: 45.31 ng/ml



#13 AR-1232-3

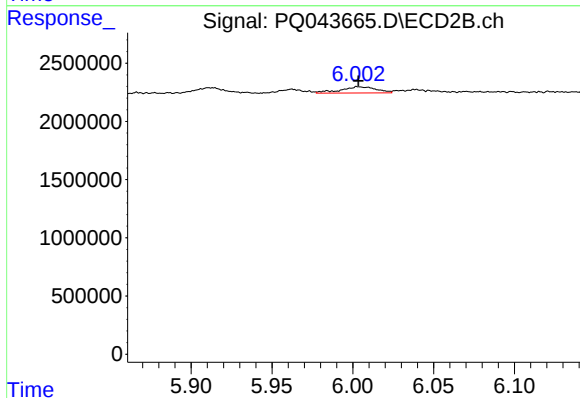
R.T.: 5.912 min
Delta R.T.: 0.001 min
Response: 952240
Conc: 75.09 ng/ml



#14 AR-1232-4

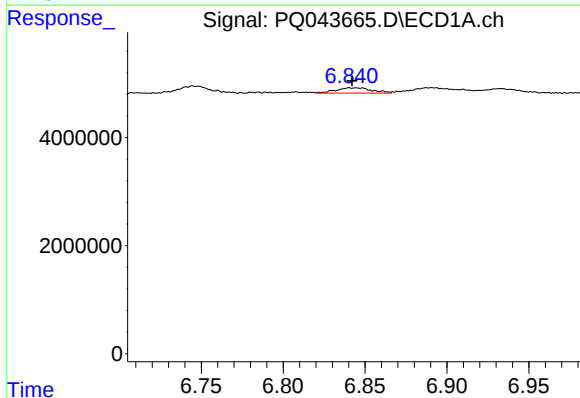
R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 1854101
Conc: 56.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



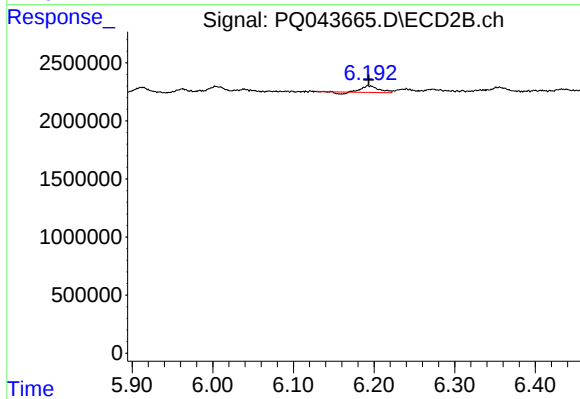
#14 AR-1232-4

R.T.: 6.005 min
Delta R.T.: 0.001 min
Response: 814165
Conc: 72.85 ng/ml



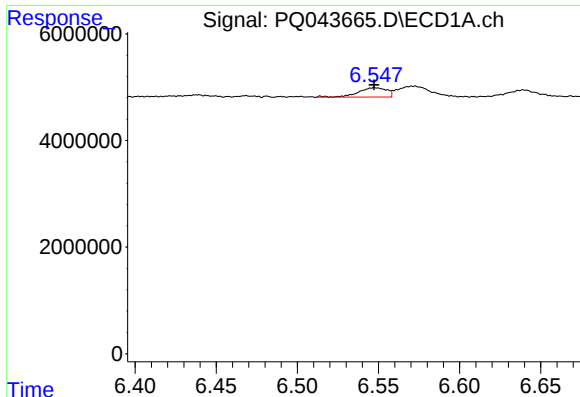
#15 AR-1232-5

R.T.: 6.844 min
Delta R.T.: 0.002 min
Response: 1505041
Conc: 60.36 ng/ml



#15 AR-1232-5

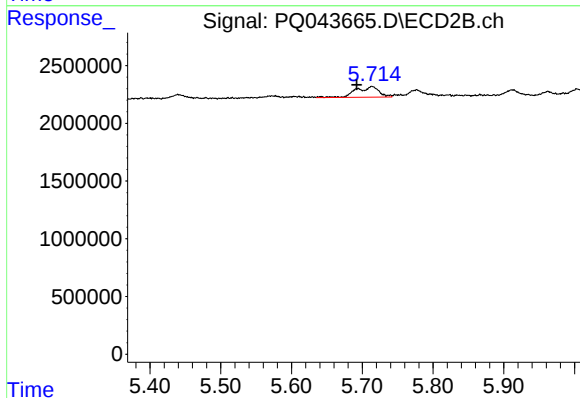
R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 763541
Conc: 56.59 ng/ml



#16 AR-1242-1

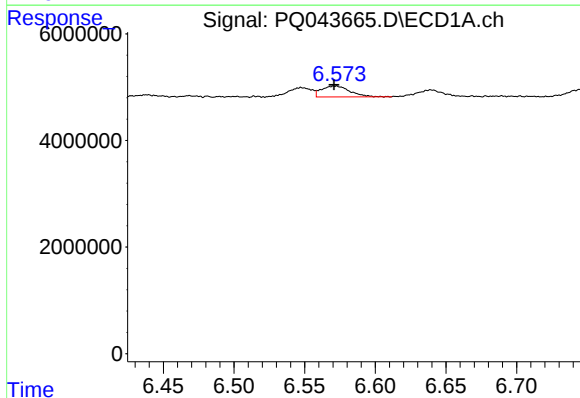
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 2107870
Conc: 25.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



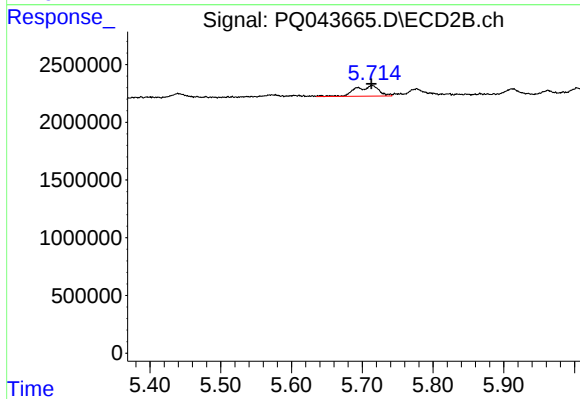
#16 AR-1242-1

R.T.: 5.714 min
Delta R.T.: 0.022 min
Response: 2120132
Conc: 64.71 ng/ml



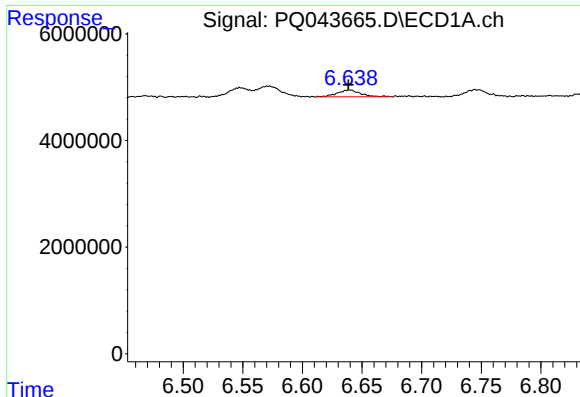
#17 AR-1242-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 2860845
Conc: 23.55 ng/ml



#17 AR-1242-2

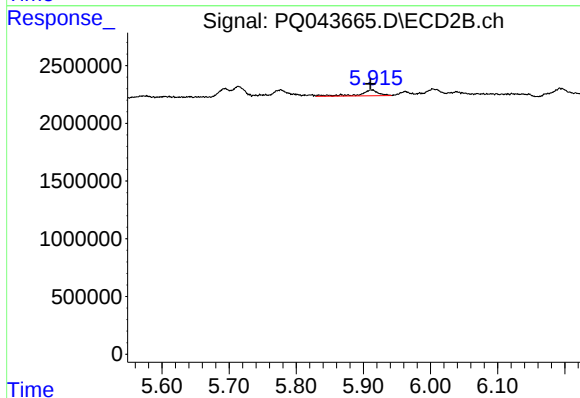
R.T.: 5.714 min
Delta R.T.: 0.001 min
Response: 2120132
Conc: 46.58 ng/ml



#18 AR-1242-3

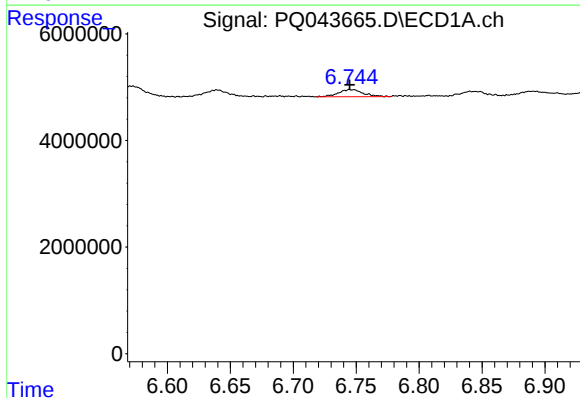
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 1700709
Conc: 23.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



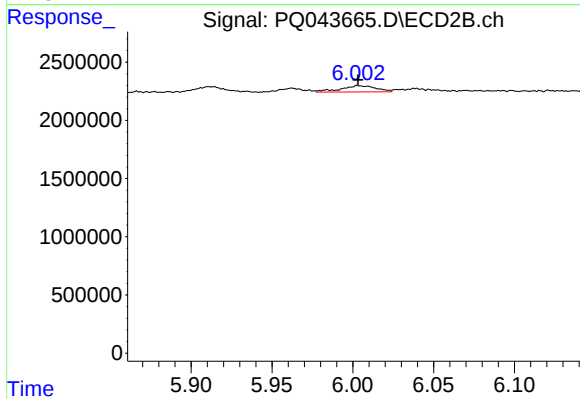
#18 AR-1242-3

R.T.: 5.912 min
Delta R.T.: 0.001 min
Response: 952240
Conc: 39.29 ng/ml



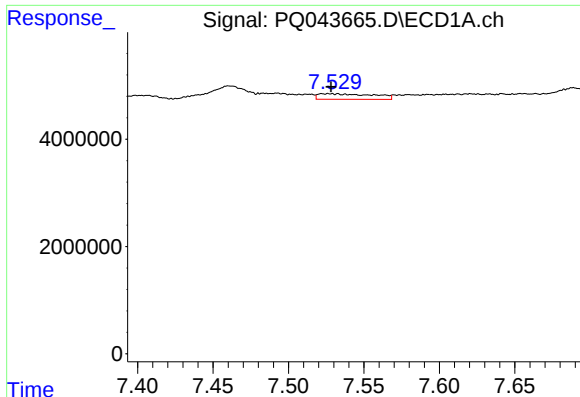
#19 AR-1242-4

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 1854101
Conc: 29.44 ng/ml



#19 AR-1242-4

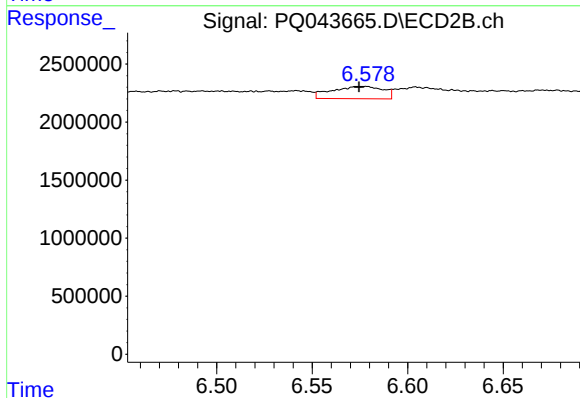
R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 814165
Conc: 33.45 ng/ml



#20 AR-1242-5

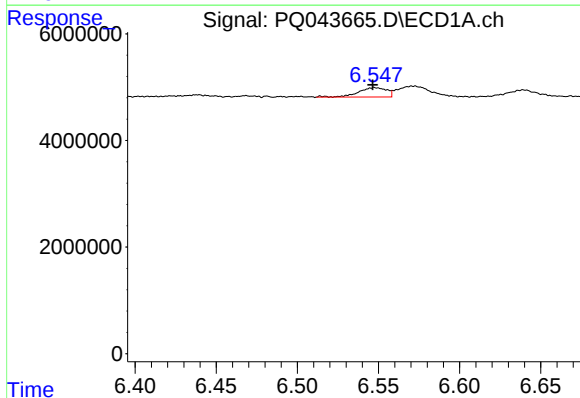
R.T.: 7.526 min
Delta R.T.: -0.002 min
Response: 2651735
Conc: 28.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



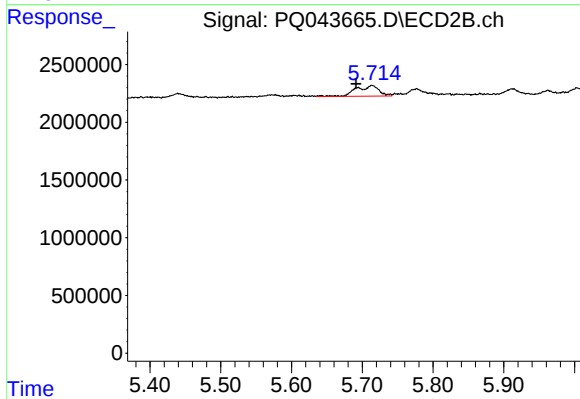
#20 AR-1242-5

R.T.: 6.577 min
Delta R.T.: 0.002 min
Response: 1983353
Conc: 56.53 ng/ml



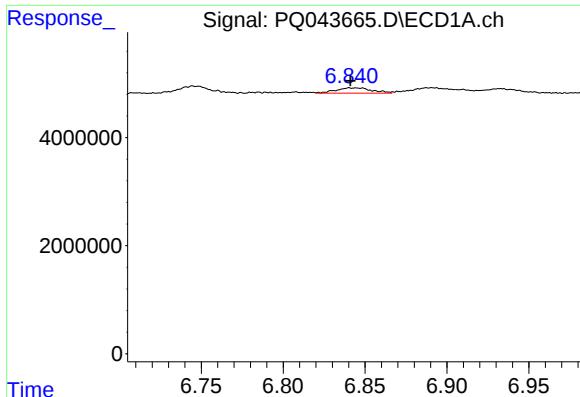
#21 AR-1248-1

R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 2107870
Conc: 29.91 ng/ml



#21 AR-1248-1

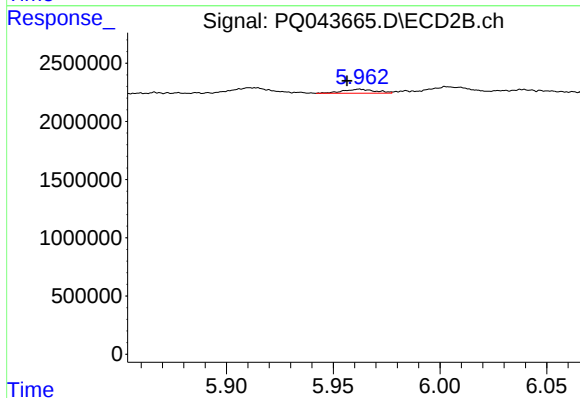
R.T.: 5.714 min
Delta R.T.: 0.023 min
Response: 2120132
Conc: 76.84 ng/ml



#22 AR-1248-2

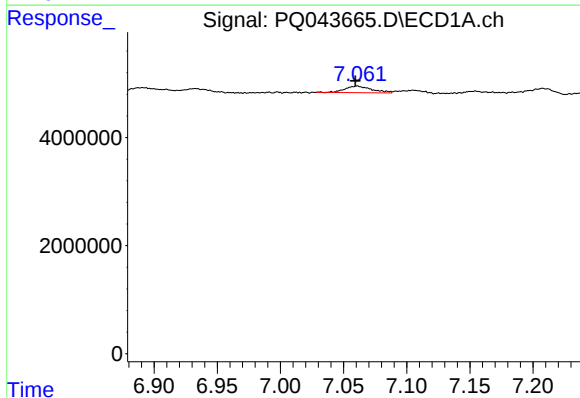
R.T.: 6.844 min
Delta R.T.: 0.003 min
Response: 1505041
Conc: 14.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



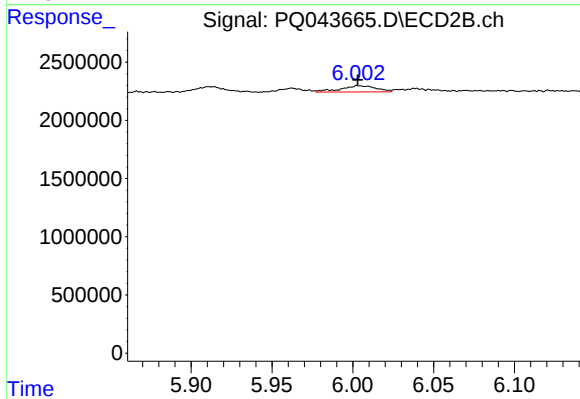
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.006 min
Response: 365293
Conc: 9.70 ng/ml



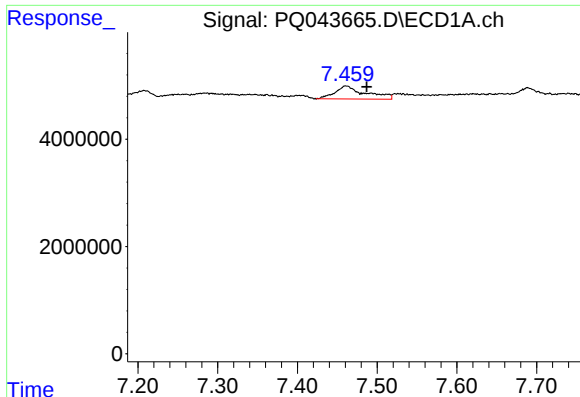
#23 AR-1248-3

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 1807921
Conc: 15.01 ng/ml



#23 AR-1248-3

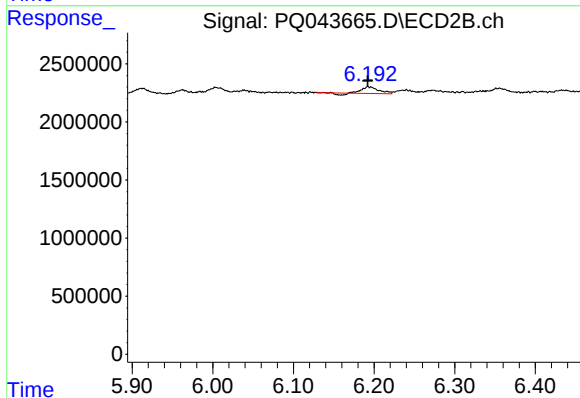
R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 814165
Conc: 21.16 ng/ml



#24 AR-1248-4

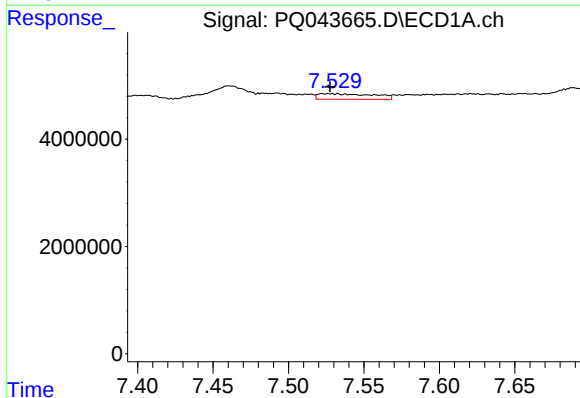
R.T.: 7.461 min
Delta R.T.: -0.025 min
Response: 6407562
Conc: 40.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



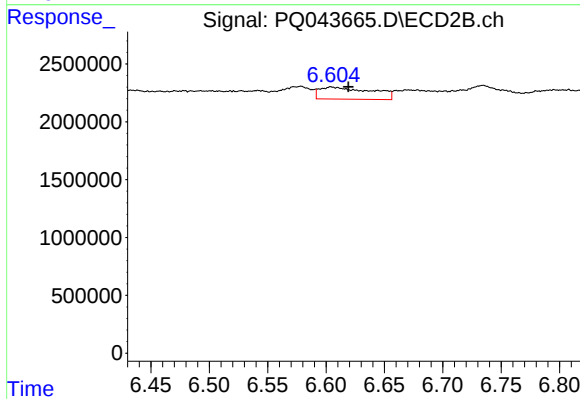
#24 AR-1248-4

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 763541
Conc: 16.22 ng/ml



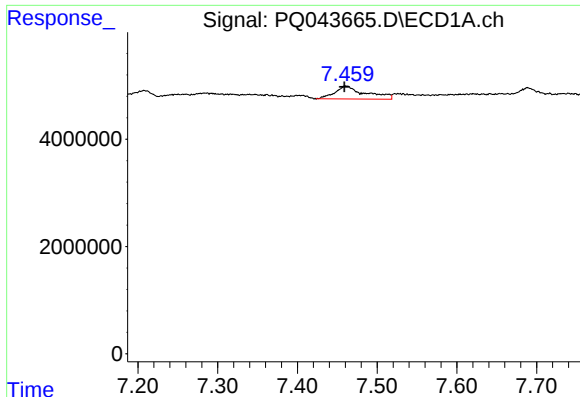
#25 AR-1248-5

R.T.: 7.526 min
Delta R.T.: -0.001 min
Response: 2651735
Conc: 16.99 ng/ml



#25 AR-1248-5

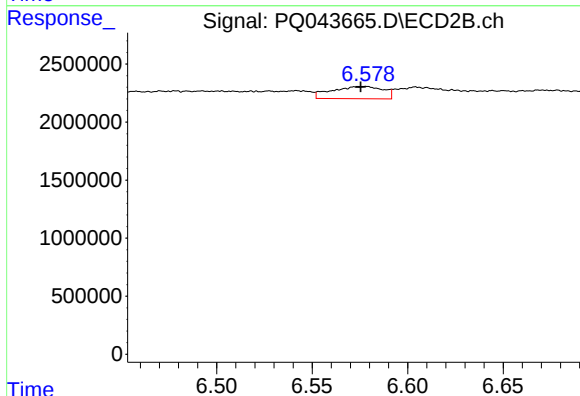
R.T.: 6.605 min
Delta R.T.: -0.014 min
Response: 3217761
Conc: 61.11 ng/ml



#26 AR-1254-1

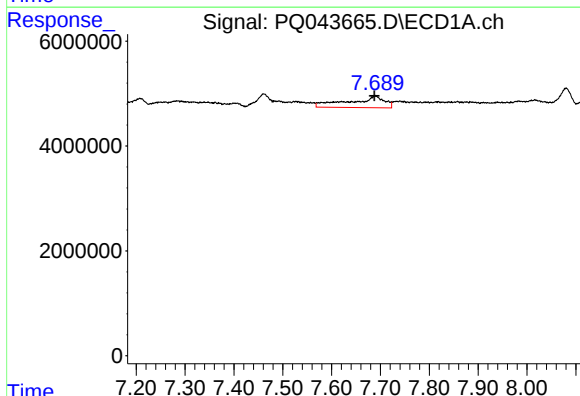
R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 6407562
Conc: 45.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



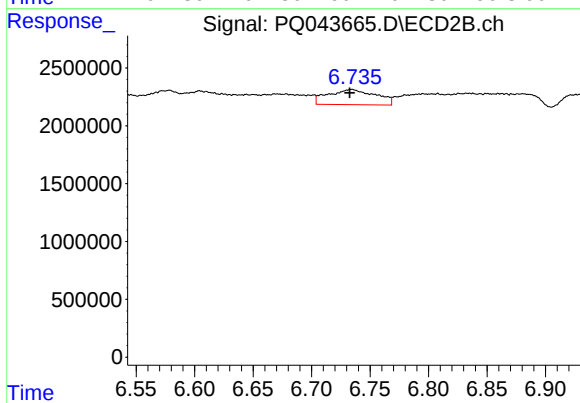
#26 AR-1254-1

R.T.: 6.577 min
Delta R.T.: 0.001 min
Response: 1983353
Conc: 27.33 ng/ml



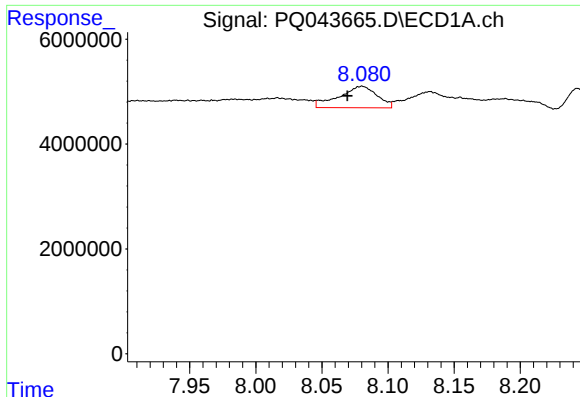
#27 AR-1254-2

R.T.: 7.689 min
Delta R.T.: 0.001 min
Response: 11177028
Conc: 47.12 ng/ml



#27 AR-1254-2

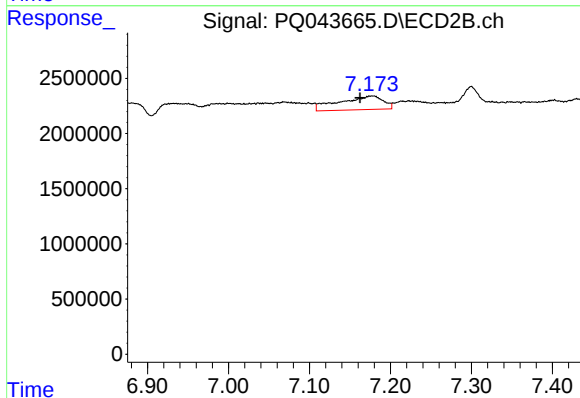
R.T.: 6.734 min
Delta R.T.: 0.002 min
Response: 3735227
Conc: 56.84 ng/ml



#28 AR-1254-3

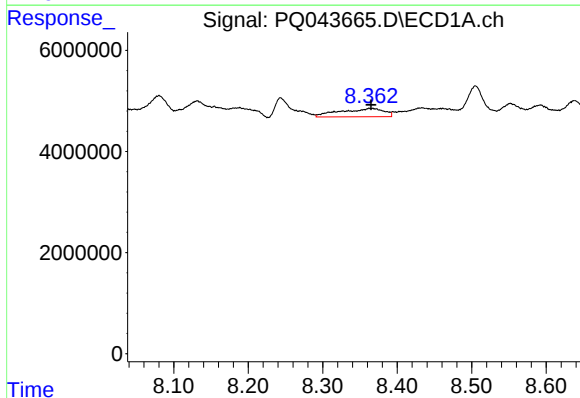
R.T.: 8.080 min
Delta R.T.: 0.011 min
Response: 8263793
Conc: 28.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



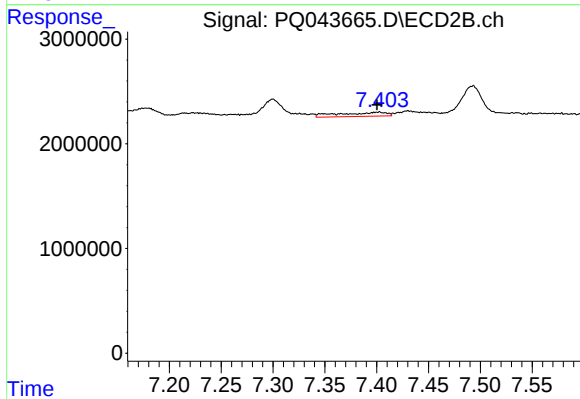
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.015 min
Response: 4650020
Conc: 39.18 ng/ml



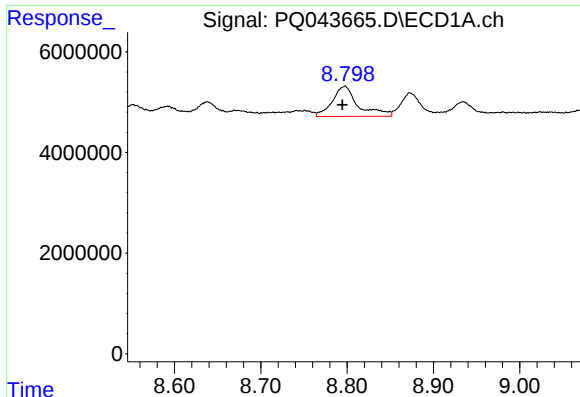
#29 AR-1254-4

R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 6785212
Conc: 28.22 ng/ml



#29 AR-1254-4

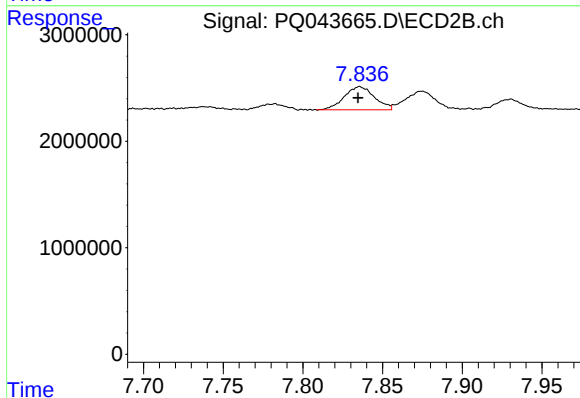
R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 1237016
Conc: 14.43 ng/ml



#30 AR-1254-5

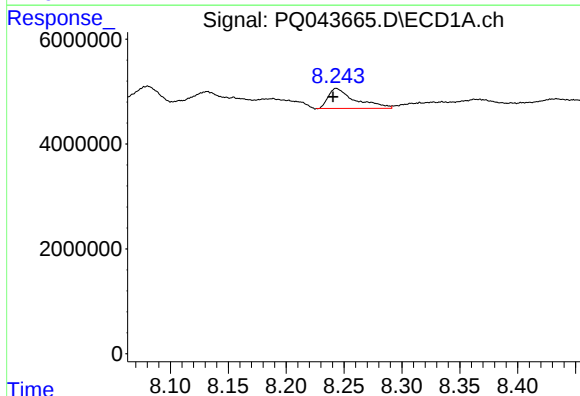
R.T.: 8.797 min
Delta R.T.: 0.002 min
Response: 12517149
Conc: 39.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



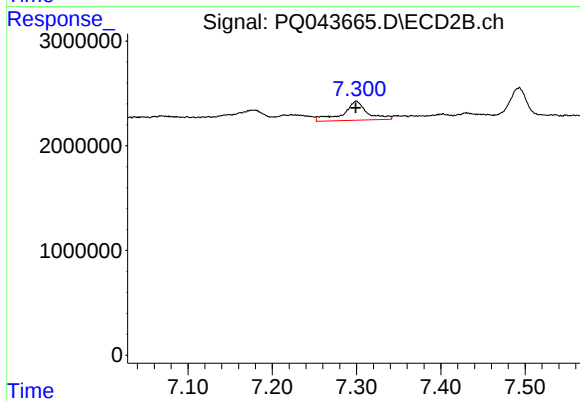
#30 AR-1254-5

R.T.: 7.836 min
Delta R.T.: 0.000 min
Response: 2875297
Conc: 23.37 ng/ml



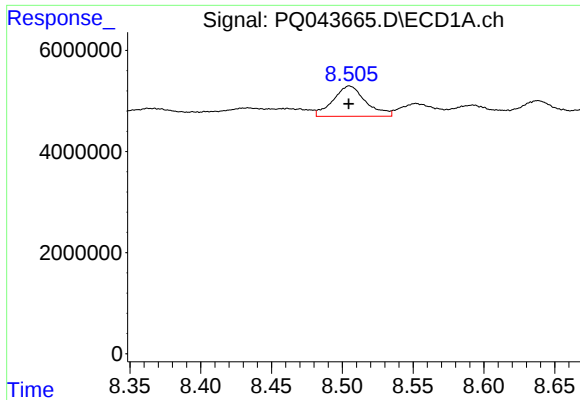
#31 AR-1260-1

R.T.: 8.244 min
Delta R.T.: 0.003 min
Response: 6171124
Conc: 32.43 ng/ml



#31 AR-1260-1

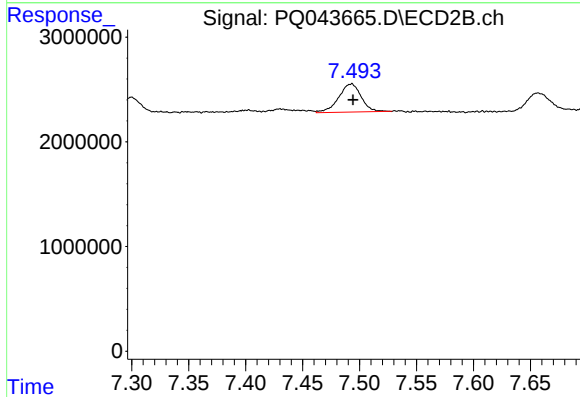
R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 3641185
Conc: 52.07 ng/ml



#32 AR-1260-2

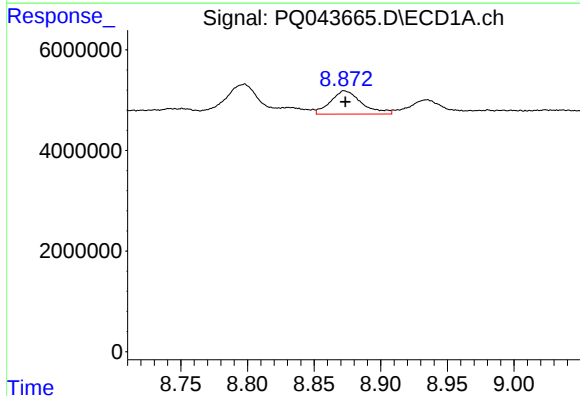
R.T.: 8.505 min
Delta R.T.: 0.000 min
Response: 9658171
Conc: 39.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



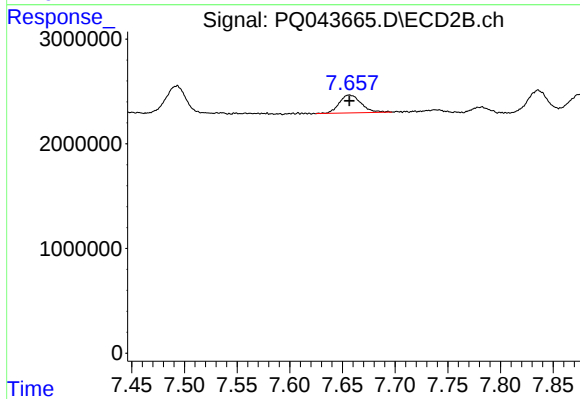
#32 AR-1260-2

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 3739336
Conc: 41.49 ng/ml



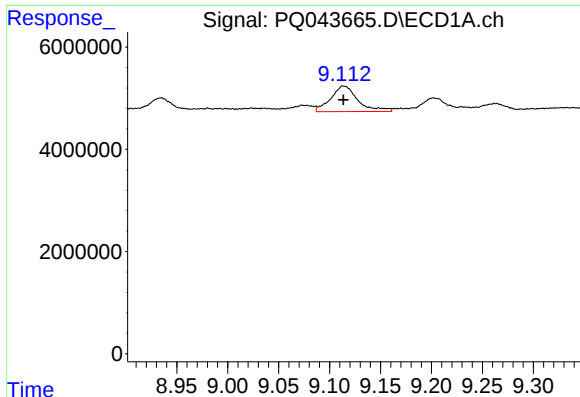
#33 AR-1260-3

R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 7577564
Conc: 38.01 ng/ml



#33 AR-1260-3

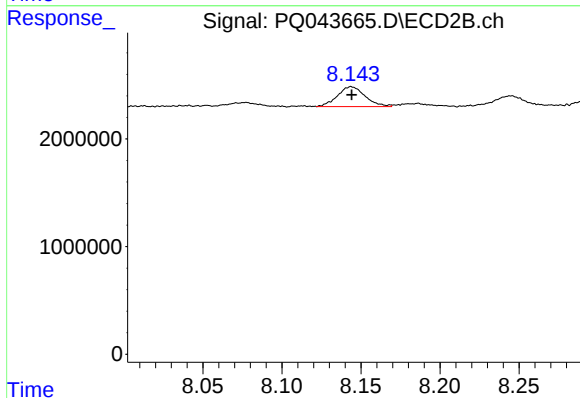
R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 2475413
Conc: 28.68 ng/ml



#34 AR-1260-4

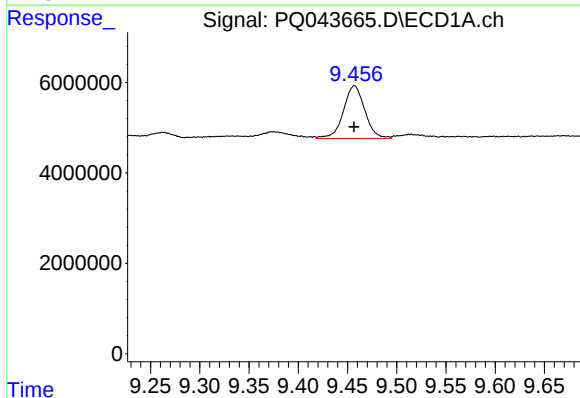
R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 9325138
Conc: 37.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



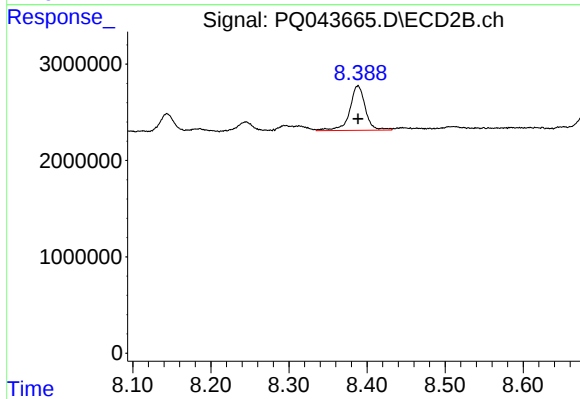
#34 AR-1260-4

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 2250860
Conc: 28.90 ng/ml



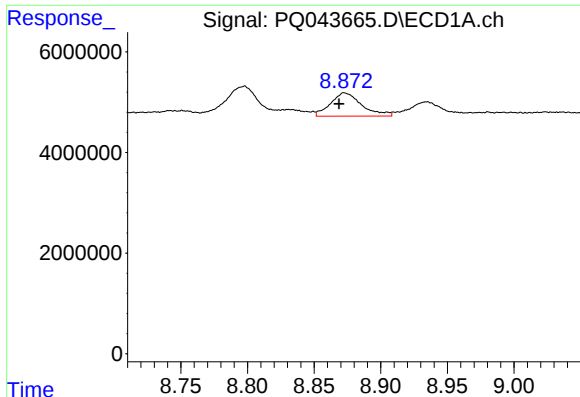
#35 AR-1260-5

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 17698640
Conc: 31.26 ng/ml



#35 AR-1260-5

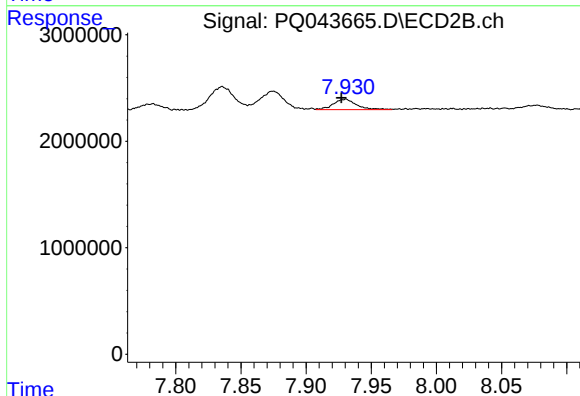
R.T.: 8.388 min
Delta R.T.: 0.000 min
Response: 6452309
Conc: 30.57 ng/ml



#36 AR-1262-1

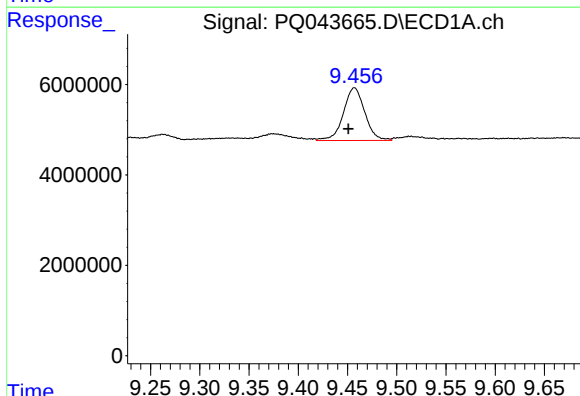
R.T.: 8.873 min
Delta R.T.: 0.004 min
Response: 7577564
Conc: 23.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



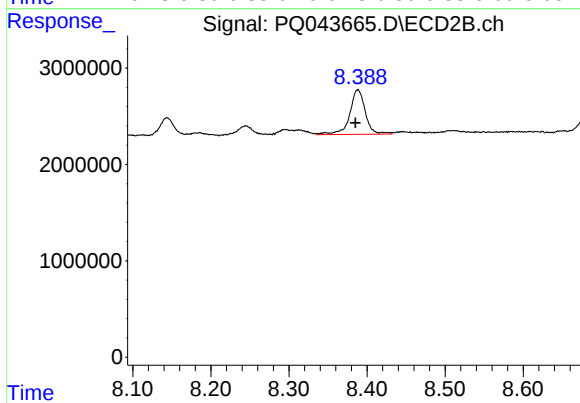
#36 AR-1262-1

R.T.: 7.930 min
Delta R.T.: 0.003 min
Response: 1214444
Conc: 24.38 ng/ml



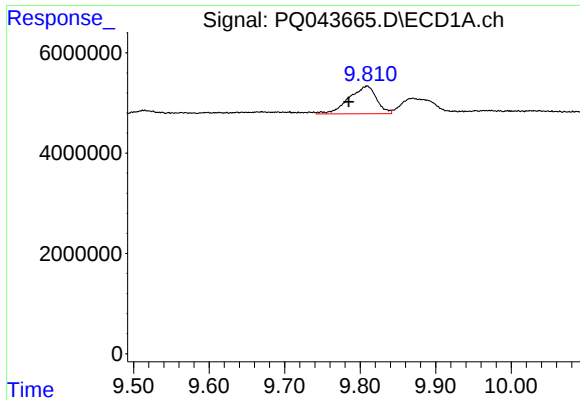
#37 AR-1262-2

R.T.: 9.457 min
Delta R.T.: 0.006 min
Response: 17698640
Conc: 24.23 ng/ml



#37 AR-1262-2

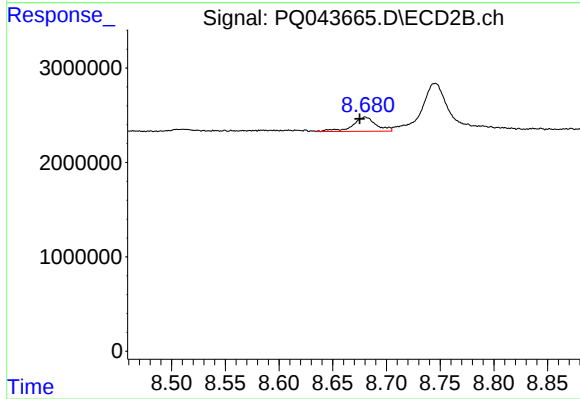
R.T.: 8.388 min
Delta R.T.: 0.003 min
Response: 6452309
Conc: 24.61 ng/ml



#38 AR-1262-3

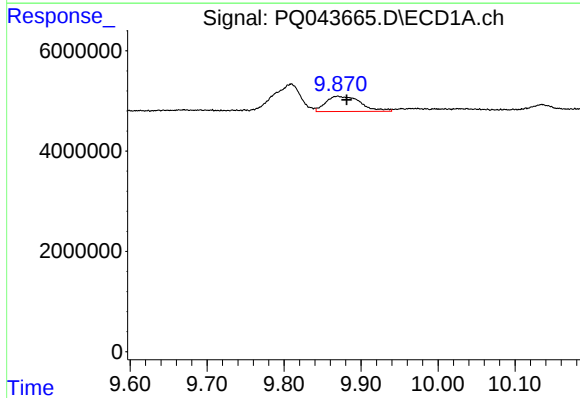
R.T.: 9.809 min
Delta R.T.: 0.024 min
Response: 14092677
Conc: 26.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



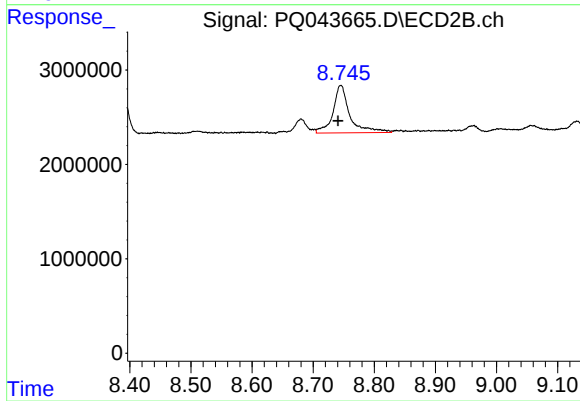
#38 AR-1262-3

R.T.: 8.680 min
Delta R.T.: 0.005 min
Response: 2305743
Conc: 18.65 ng/ml



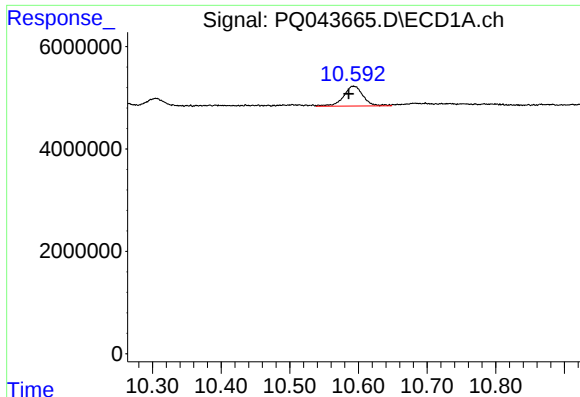
#39 AR-1262-4

R.T.: 9.869 min
Delta R.T.: -0.012 min
Response: 9581473
Conc: 23.45 ng/ml



#39 AR-1262-4

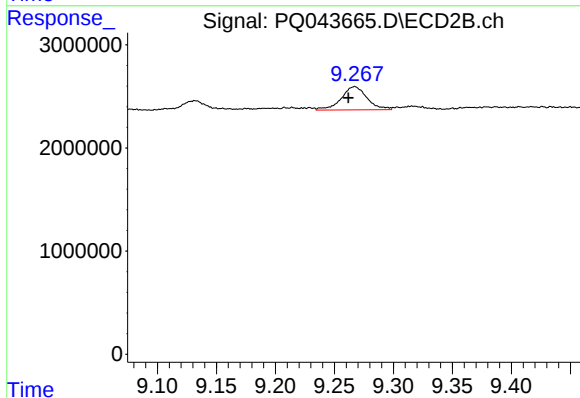
R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 9658864
Conc: 39.97 ng/ml



#40 AR-1262-5

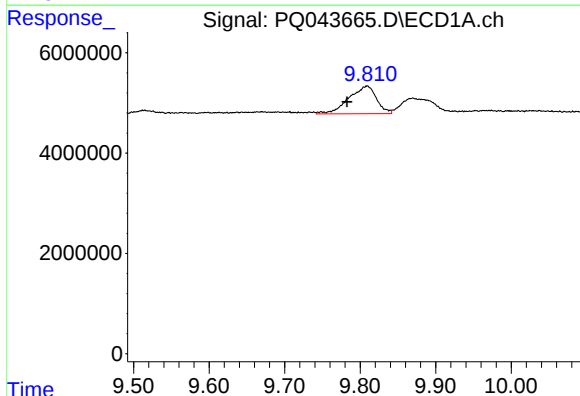
R.T.: 10.593 min
Delta R.T.: 0.007 min
Response: 7723365
Conc: 21.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



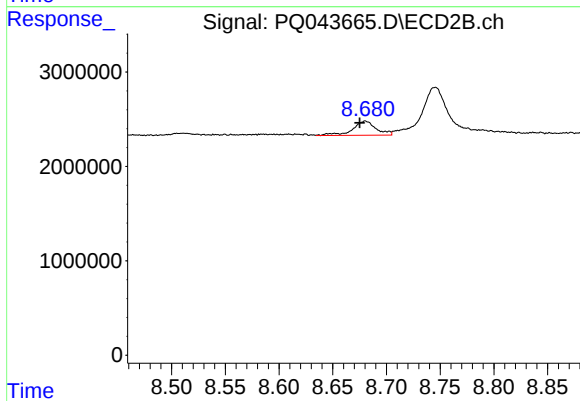
#40 AR-1262-5

R.T.: 9.267 min
Delta R.T.: 0.005 min
Response: 3442039
Conc: 22.89 ng/ml



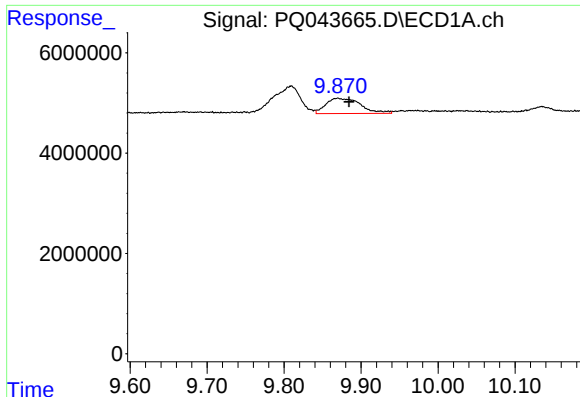
#41 AR-1268-1

R.T.: 9.809 min
Delta R.T.: 0.026 min
Response: 14092677
Conc: 16.36 ng/ml



#41 AR-1268-1

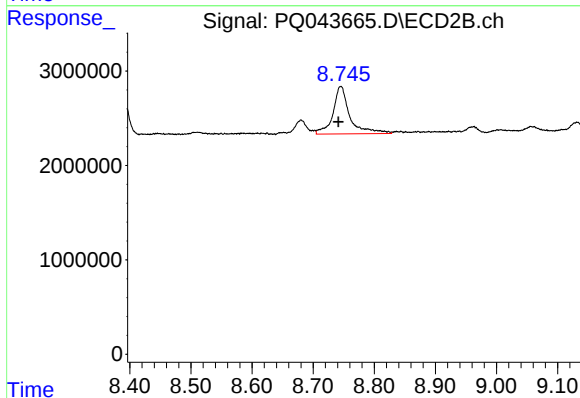
R.T.: 8.680 min
Delta R.T.: 0.005 min
Response: 2305743
Conc: 6.93 ng/ml



#42 AR-1268-2

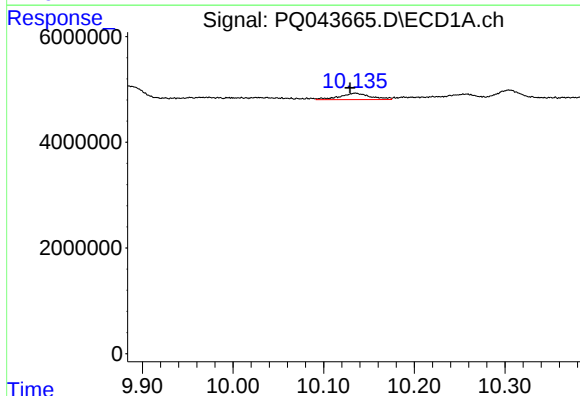
R.T.: 9.869 min
Delta R.T.: -0.015 min
Response: 9581473
Conc: 11.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



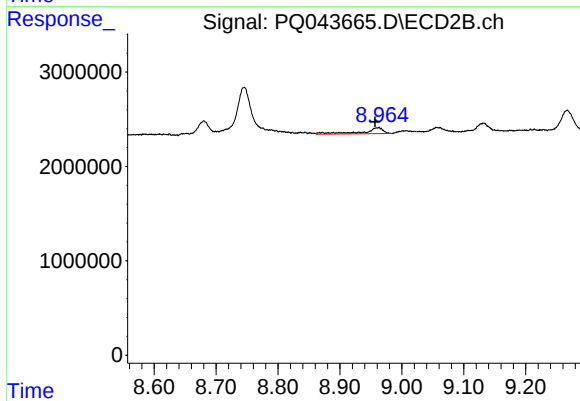
#42 AR-1268-2

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 9658864
Conc: 29.91 ng/ml



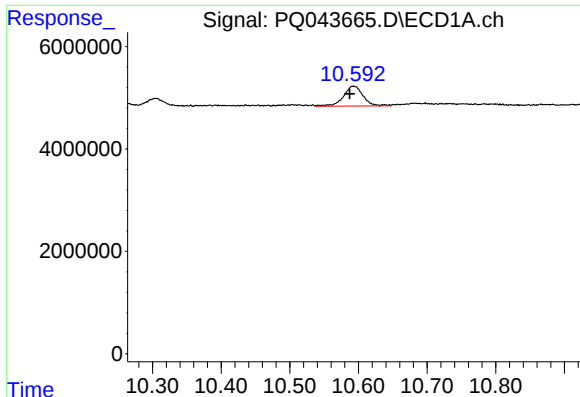
#43 AR-1268-3

R.T.: 10.135 min
Delta R.T.: 0.006 min
Response: 2838993
Conc: 4.03 ng/ml



#43 AR-1268-3

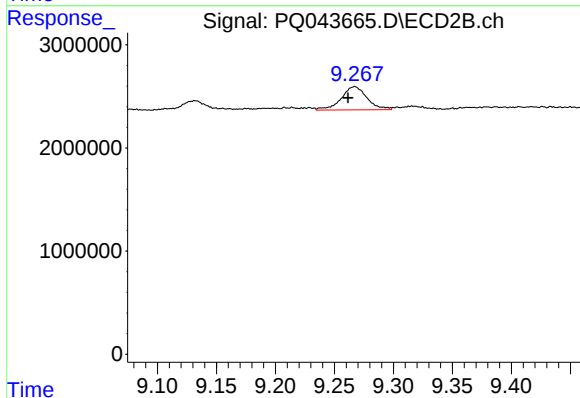
R.T.: 8.961 min
Delta R.T.: 0.005 min
Response: 1458263
Conc: 5.10 ng/ml



#44 AR-1268-4

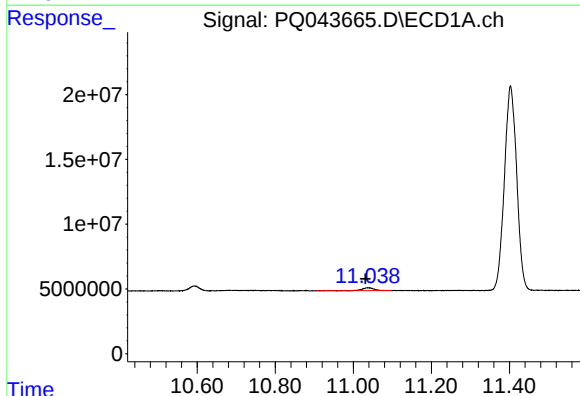
R.T.: 10.593 min
Delta R.T.: 0.006 min
Response: 7723365
Conc: 20.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



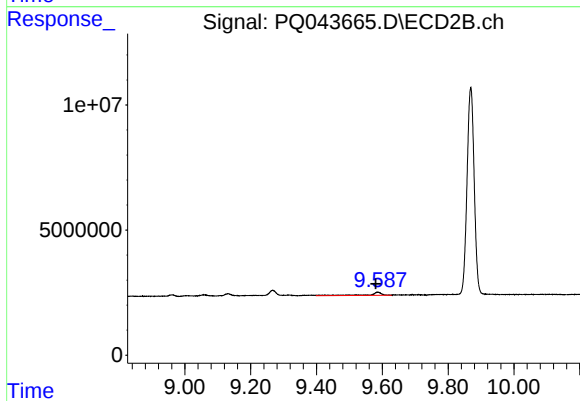
#44 AR-1268-4

R.T.: 9.267 min
Delta R.T.: 0.005 min
Response: 3442039
Conc: 21.36 ng/ml



#45 AR-1268-5

R.T.: 11.038 min
Delta R.T.: 0.007 min
Response: 4906749
Conc: 1.59 ng/ml



#45 AR-1268-5

R.T.: 9.587 min
Delta R.T.: 0.006 min
Response: 3382312
Conc: 2.76 ng/ml