

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091819\
 Data File : PQ043654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2019 10:19
 Operator : SM\AJ
 Sample : MDL-AR1660-S-3
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 10:43:23 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...	5.235	4.412	20161658	10800128	9.426	11.782 #
2)	SA Decachlor...	11.402	9.867	314.8E6	115.0E6	40.174	37.648
Target Compounds							
3)	L1 AR-1016-1	6.549	5.715	1570860	1624510	16.066	42.814 #
4)	L1 AR-1016-2	6.573	5.715	2268442	1624510	15.963	31.110 #
5)	L1 AR-1016-3	6.640	5.912	1293609	532110	15.024	18.920 #
6)	L1 AR-1016-4	6.747	5.958	1369528	384906	18.716	16.404
7)	L1 AR-1016-5	7.063	6.194	1576453	599836	20.341	18.744
10)	L2 AR-1221-3	5.662	0.000	268537	0	4.456	N.D. #
11)	L3 AR-1232-1	5.662	0.000	268537	0	5.272	N.D. #
12)	L3 AR-1232-2	6.256	5.715	907459	1624510	32.075	66.550 #
13)	L3 AR-1232-3	6.573	5.912	2268442	532110	35.925	41.958
14)	L3 AR-1232-4	6.747	6.004	1369528	412252	41.919	36.886
15)	L3 AR-1232-5	6.845	6.194	2221273	599836	89.082	44.459 #
16)	L4 AR-1242-1	6.549	5.715	1570860	1624510	18.776	49.585 #
17)	L4 AR-1242-2	6.573	5.715	2268442	1624510	18.672	35.688 #
18)	L4 AR-1242-3	6.640	5.912	1293609	532110	17.597	21.954
19)	L4 AR-1242-4	6.747	6.004	1369528	412252	21.744	16.937
20)	L4 AR-1242-5	7.529	6.578	739355	632357	8.078	18.025 #
21)	L5 AR-1248-1	6.549	5.715	1570860	1624510	22.289	58.874 #
22)	L5 AR-1248-2	6.845	5.958	2221273	384906	21.865	10.225 #
23)	L5 AR-1248-3	7.063	6.004	1576453	412252	13.088	10.717
24)	L5 AR-1248-4	7.495	6.194	784708	599836	4.905	12.744 #
25)	L5 AR-1248-5	7.529	6.578	739355	632357	4.736	12.010 #
26)	L6 AR-1254-1	7.462	6.578	2242474	632357	15.952	8.712 #
27)	L6 AR-1254-2	7.688	6.734	2355083	535336	9.929	8.146
28)	L6 AR-1254-3	8.074	7.177	1769227	1341704	6.172	11.305 #
29)	L6 AR-1254-4	8.366	0.000	2062647	0	8.578	N.D. #
30)	L6 AR-1254-5	8.797	7.836	7283161	2645872	23.002	21.504
31)	L7 AR-1260-1	8.241	7.300	4983231	1681646	26.186	24.046
32)	L7 AR-1260-2	8.506	7.494	6324697	2150877	25.877	23.865
33)	L7 AR-1260-3	8.874	7.657	5191286	2251131	26.037	26.078
34)	L7 AR-1260-4	9.114	8.144	6595488	1976790	26.257	25.385
35)	L7 AR-1260-5	9.456	8.388	14412940	5365364	25.458	25.418
36)	L8 AR-1262-1	8.874	7.930	5191286	1058666	15.906	21.251 #
37)	L8 AR-1262-2	9.456	8.388	14412940	5365364	19.734	20.468
38)	L8 AR-1262-3	9.808	8.679	10757067	2199575	20.130	17.795
39)	L8 AR-1262-4	9.869	8.745	7361059	5429011	18.012	22.467
40)	L8 AR-1262-5	10.593	9.266	6945331	2611730	19.667	17.367
41)	L9 AR-1268-1	9.808	8.679	10757067	2199575	12.491	6.606 #
42)	L9 AR-1268-2	9.869	8.745	7361059	5429011	8.859	16.813 #
43)	L9 AR-1268-3	10.136	8.961	1868006	801120	2.654	2.803

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091819\
Data File : PQ043654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2019 10:19
Operator : SM\AJ
Sample : MDL-AR1660-S-3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 10:43:23 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

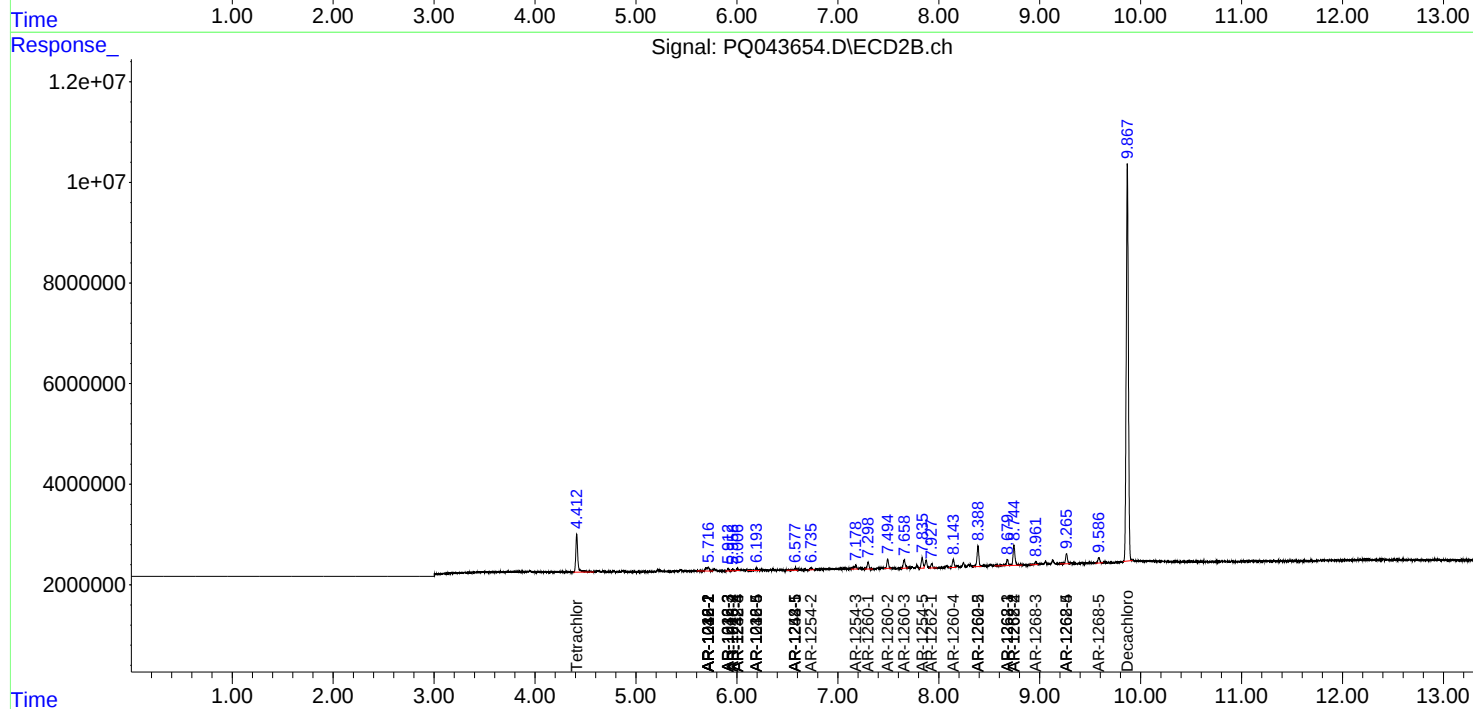
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

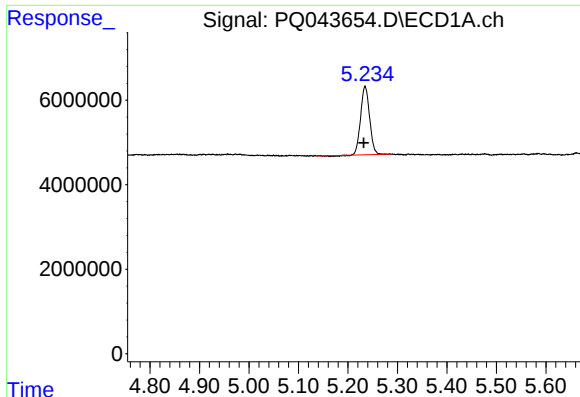
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	10.593	9.266	6945331	2611730	18.032	16.205
45)	L9 AR-1268-5	11.038	9.586	4458861	1515324	1.442	1.235

(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

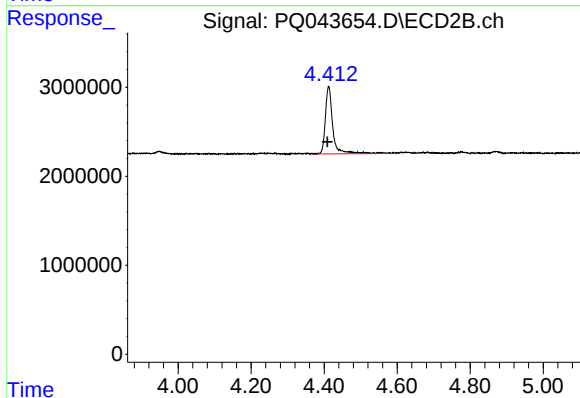




#1 Tetrachloro-m-xylene

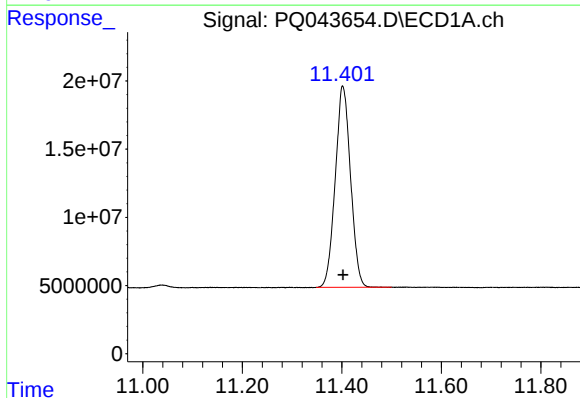
R.T.: 5.235 min
Delta R.T.: 0.003 min
Response: 20161658
Conc: 9.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



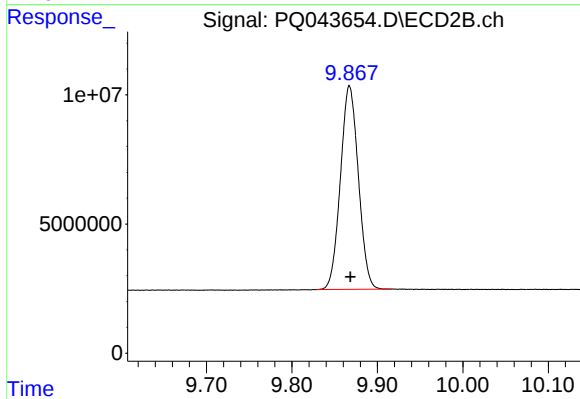
#1 Tetrachloro-m-xylene

R.T.: 4.412 min
Delta R.T.: 0.003 min
Response: 10800128
Conc: 11.78 ng/ml



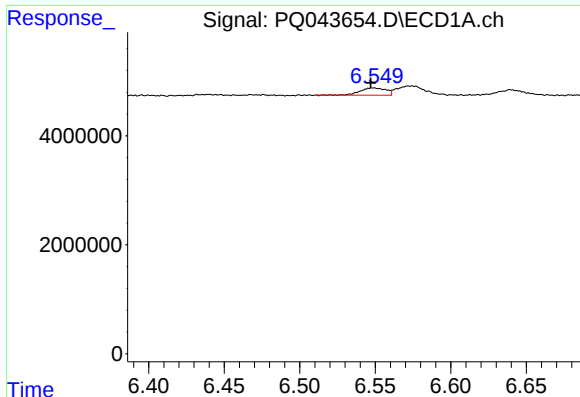
#2 Decachlorobiphenyl

R.T.: 11.402 min
Delta R.T.: 0.000 min
Response: 314848834
Conc: 40.17 ng/ml



#2 Decachlorobiphenyl

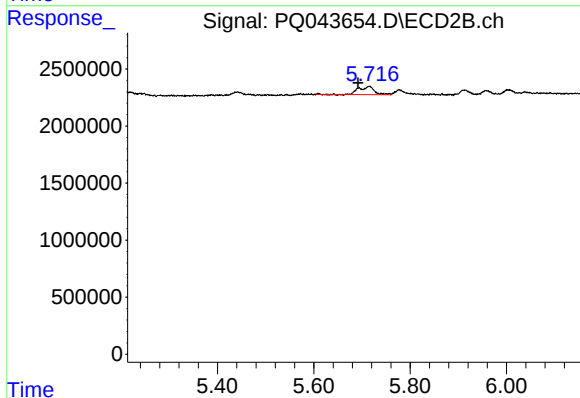
R.T.: 9.867 min
Delta R.T.: 0.000 min
Response: 115025593
Conc: 37.65 ng/ml



#3 AR-1016-1

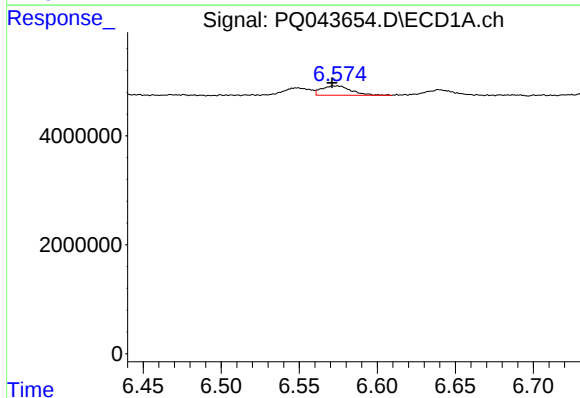
R.T.: 6.549 min
Delta R.T.: 0.002 min
Response: 1570860
Conc: 16.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



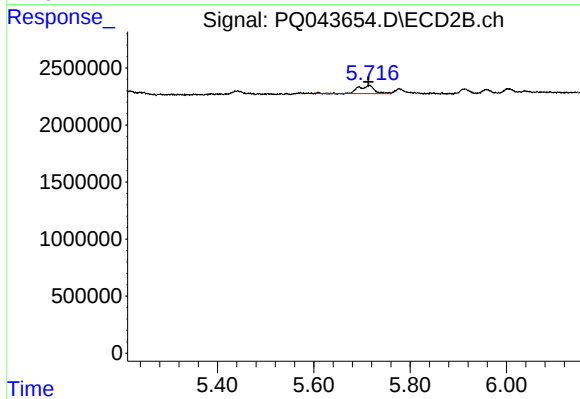
#3 AR-1016-1

R.T.: 5.715 min
Delta R.T.: 0.023 min
Response: 1624510
Conc: 42.81 ng/ml



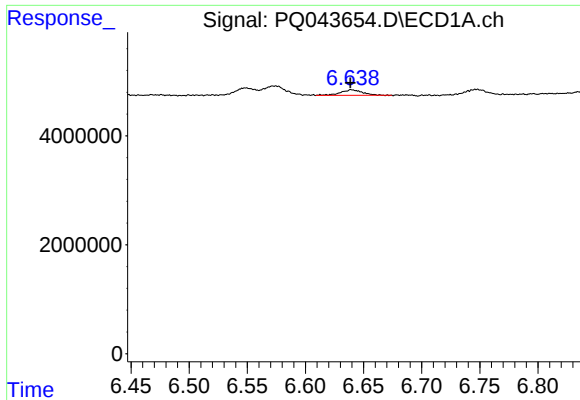
#4 AR-1016-2

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 2268442
Conc: 15.96 ng/ml



#4 AR-1016-2

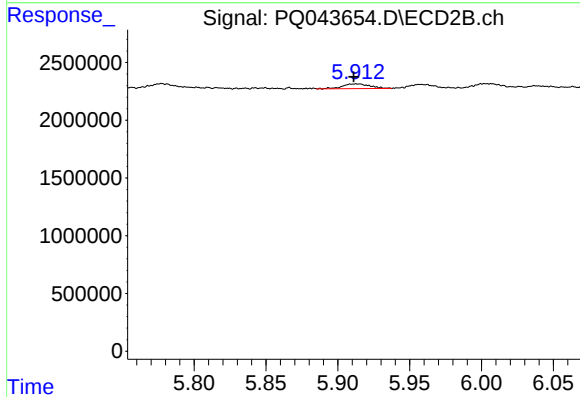
R.T.: 5.715 min
Delta R.T.: 0.002 min
Response: 1624510
Conc: 31.11 ng/ml



#5 AR-1016-3

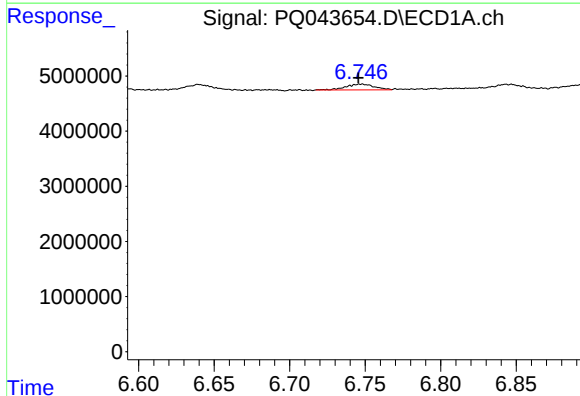
R.T.: 6.640 min
Delta R.T.: 0.001 min
Response: 1293609
Conc: 15.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



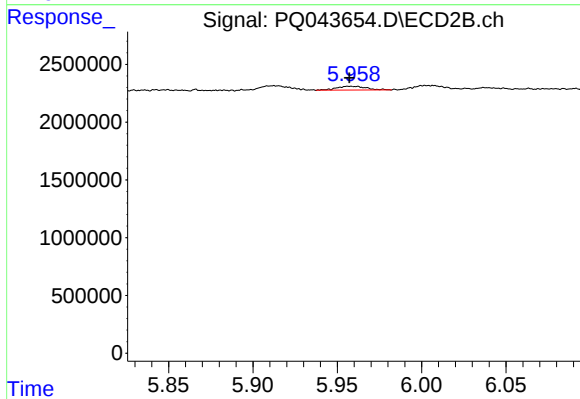
#5 AR-1016-3

R.T.: 5.912 min
Delta R.T.: 0.001 min
Response: 532110
Conc: 18.92 ng/ml



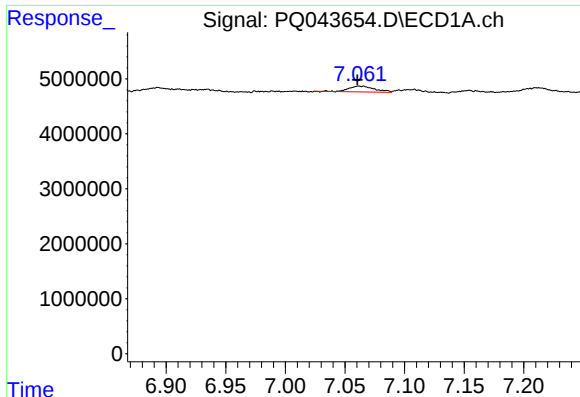
#6 AR-1016-4

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 1369528
Conc: 18.72 ng/ml



#6 AR-1016-4

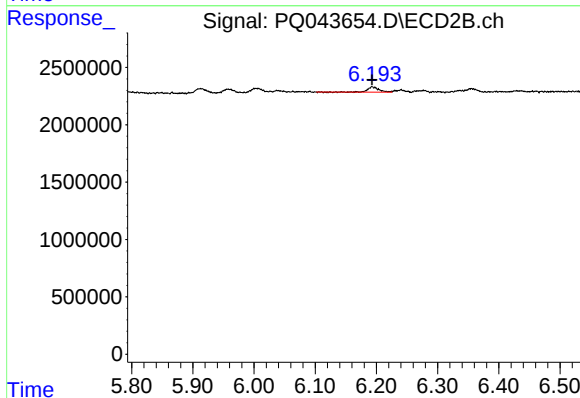
R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 384906
Conc: 16.40 ng/ml



#7 AR-1016-5

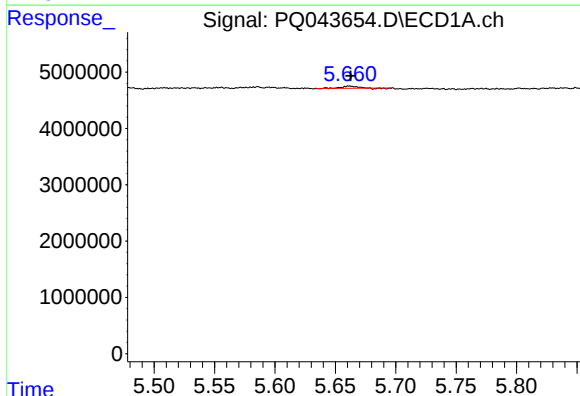
R.T.: 7.063 min
Delta R.T.: 0.002 min
Response: 1576453
Conc: 20.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



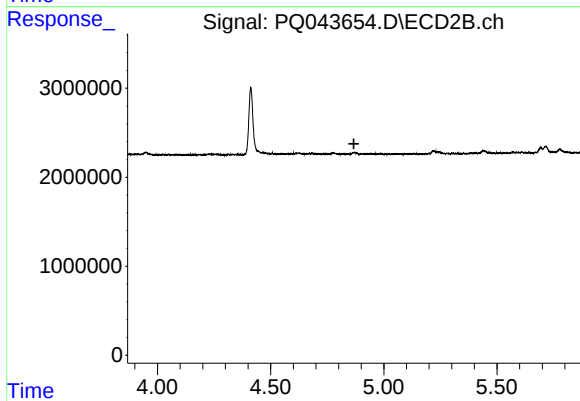
#7 AR-1016-5

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 599836
Conc: 18.74 ng/ml



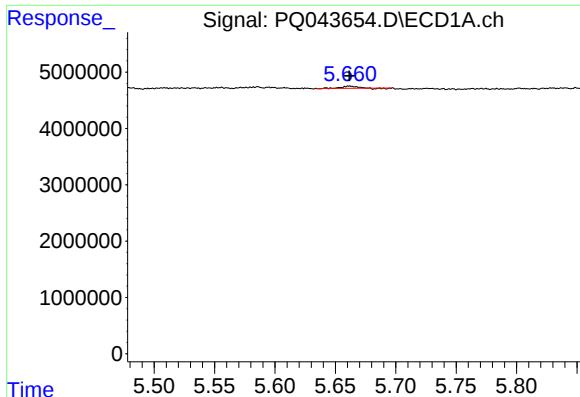
#10 AR-1221-3

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 268537
Conc: 4.46 ng/ml



#10 AR-1221-3

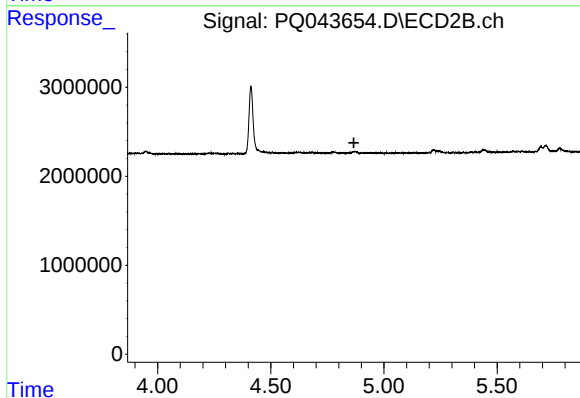
R.T.: 0.000 min
Exp R.T.: 4.868 min
Response: 0
Conc: N.D.



#11 AR-1232-1

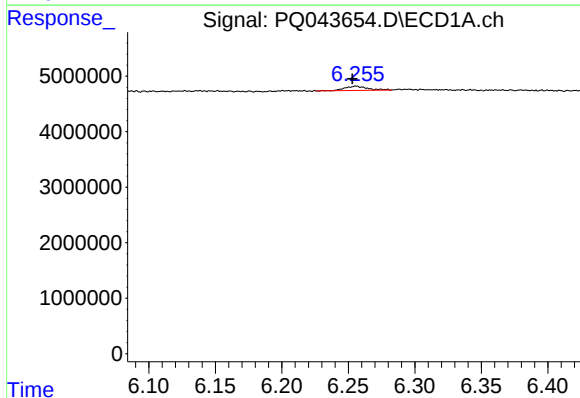
R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 268537
Conc: 5.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



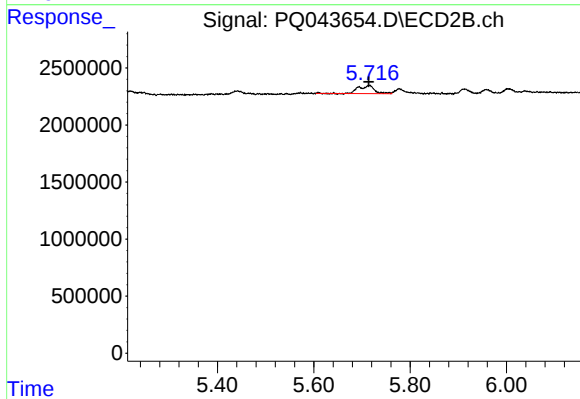
#11 AR-1232-1

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



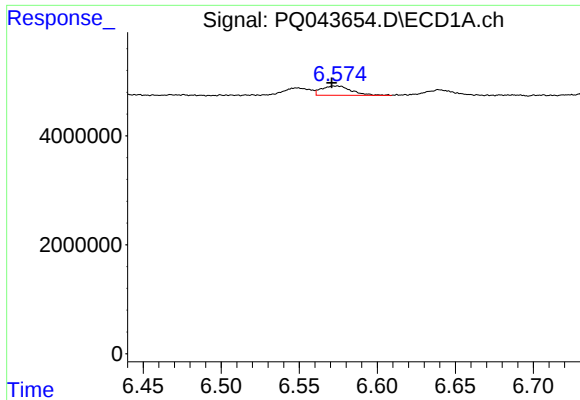
#12 AR-1232-2

R.T.: 6.256 min
Delta R.T.: 0.003 min
Response: 907459
Conc: 32.07 ng/ml



#12 AR-1232-2

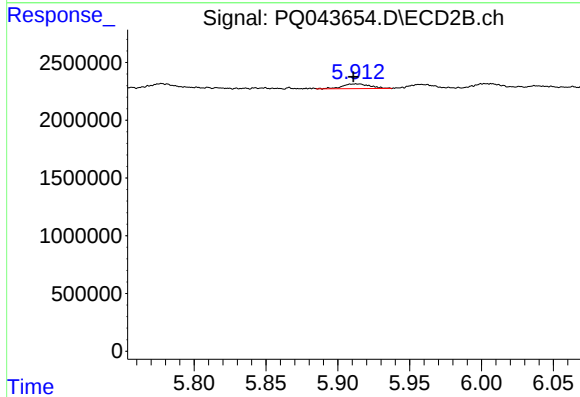
R.T.: 5.715 min
Delta R.T.: 0.001 min
Response: 1624510
Conc: 66.55 ng/ml



#13 AR-1232-3

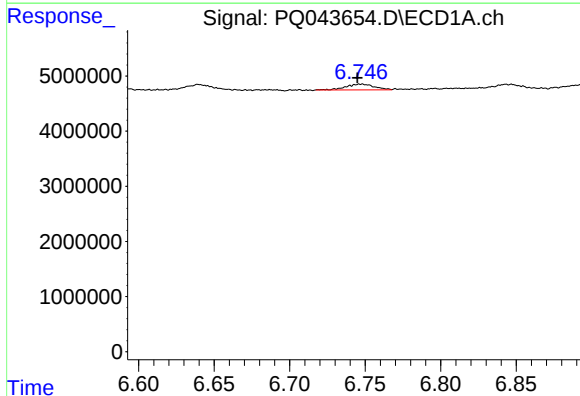
R.T.: 6.573 min
Delta R.T.: 0.003 min
Response: 2268442
Conc: 35.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



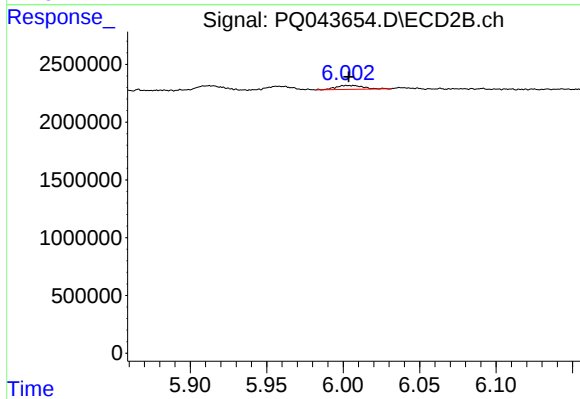
#13 AR-1232-3

R.T.: 5.912 min
Delta R.T.: 0.002 min
Response: 532110
Conc: 41.96 ng/ml



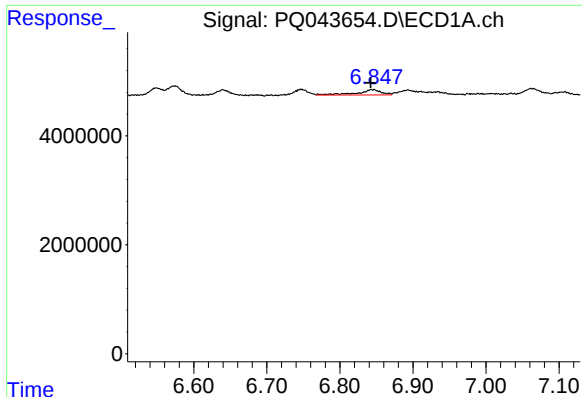
#14 AR-1232-4

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 1369528
Conc: 41.92 ng/ml



#14 AR-1232-4

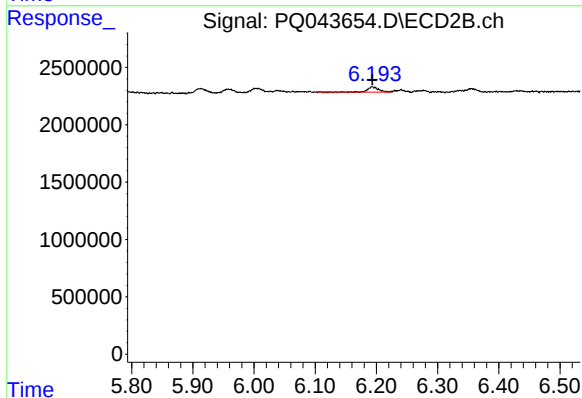
R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 412252
Conc: 36.89 ng/ml



#15 AR-1232-5

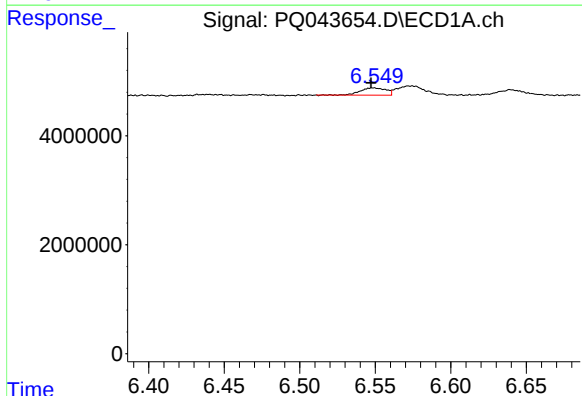
R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 2221273
Conc: 89.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



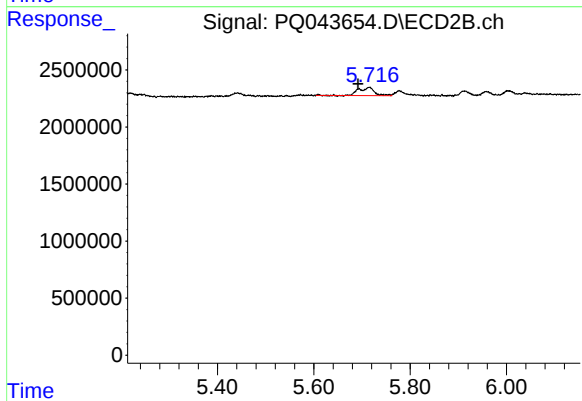
#15 AR-1232-5

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 599836
Conc: 44.46 ng/ml



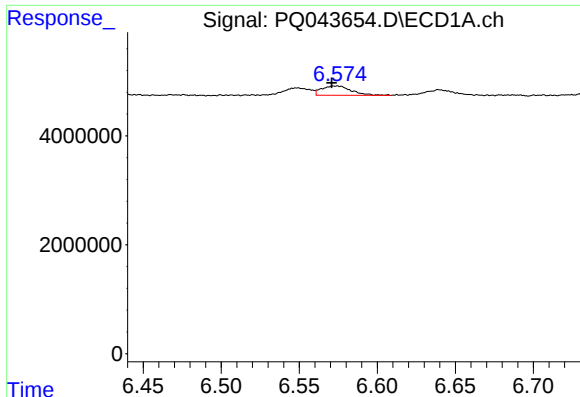
#16 AR-1242-1

R.T.: 6.549 min
Delta R.T.: 0.002 min
Response: 1570860
Conc: 18.78 ng/ml



#16 AR-1242-1

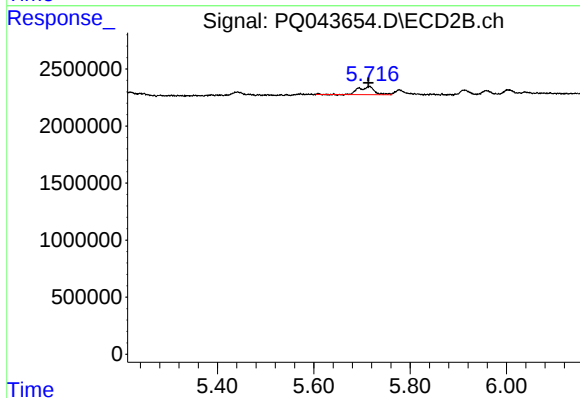
R.T.: 5.715 min
Delta R.T.: 0.023 min
Response: 1624510
Conc: 49.58 ng/ml



#17 AR-1242-2

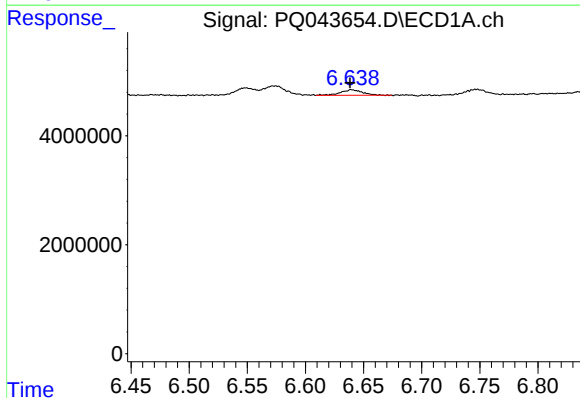
R.T.: 6.573 min
Delta R.T.: 0.003 min
Response: 2268442
Conc: 18.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



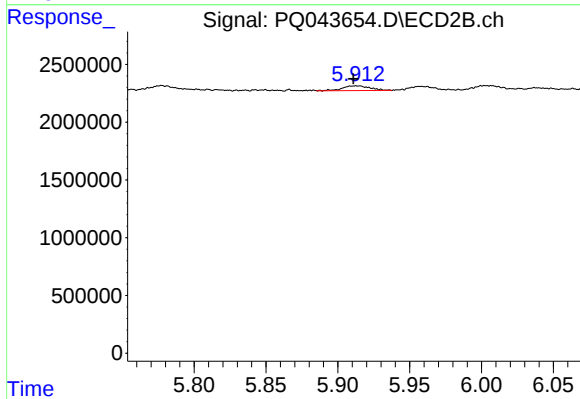
#17 AR-1242-2

R.T.: 5.715 min
Delta R.T.: 0.002 min
Response: 1624510
Conc: 35.69 ng/ml



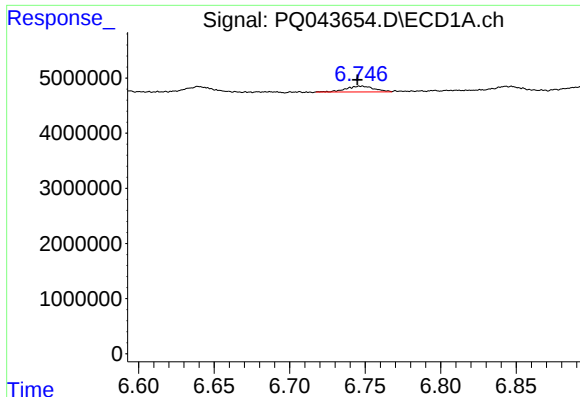
#18 AR-1242-3

R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 1293609
Conc: 17.60 ng/ml



#18 AR-1242-3

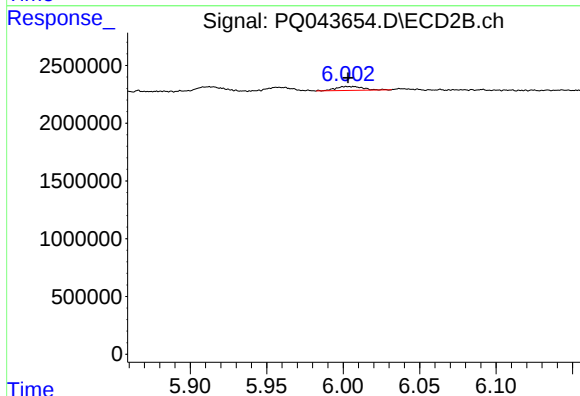
R.T.: 5.912 min
Delta R.T.: 0.002 min
Response: 532110
Conc: 21.95 ng/ml



#19 AR-1242-4

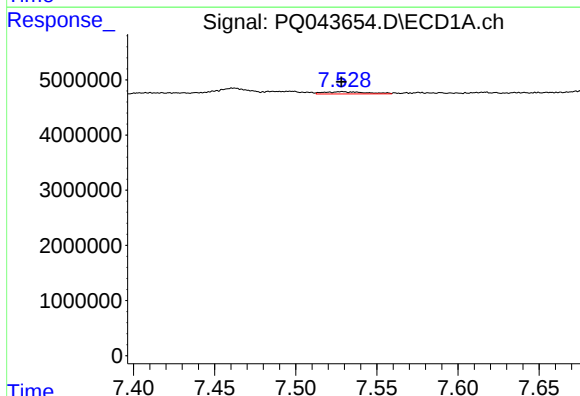
R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 1369528
Conc: 21.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



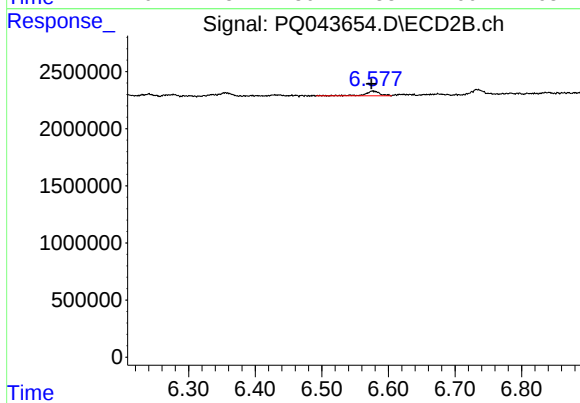
#19 AR-1242-4

R.T.: 6.004 min
Delta R.T.: 0.001 min
Response: 412252
Conc: 16.94 ng/ml



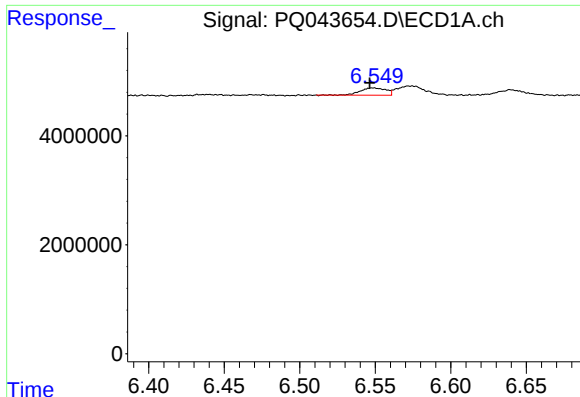
#20 AR-1242-5

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 739355
Conc: 8.08 ng/ml



#20 AR-1242-5

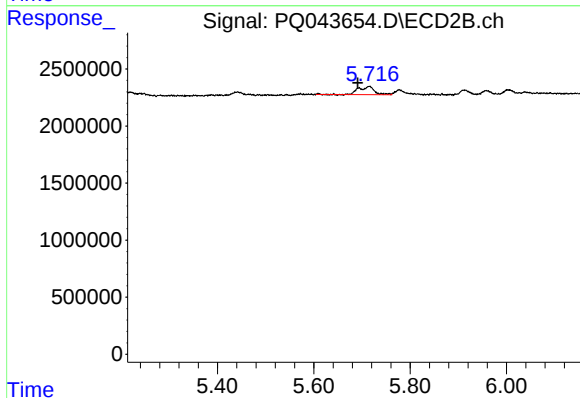
R.T.: 6.578 min
Delta R.T.: 0.003 min
Response: 632357
Conc: 18.02 ng/ml



#21 AR-1248-1

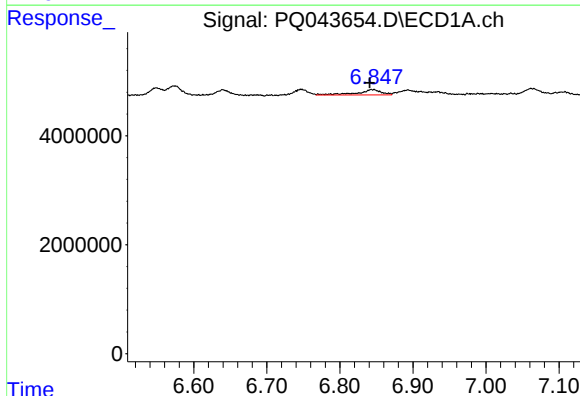
R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 1570860
Conc: 22.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



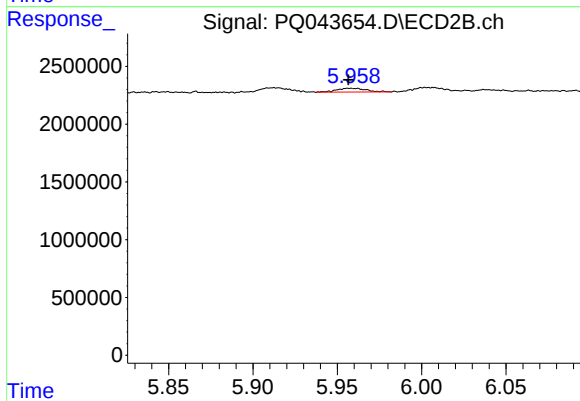
#21 AR-1248-1

R.T.: 5.715 min
Delta R.T.: 0.024 min
Response: 1624510
Conc: 58.87 ng/ml



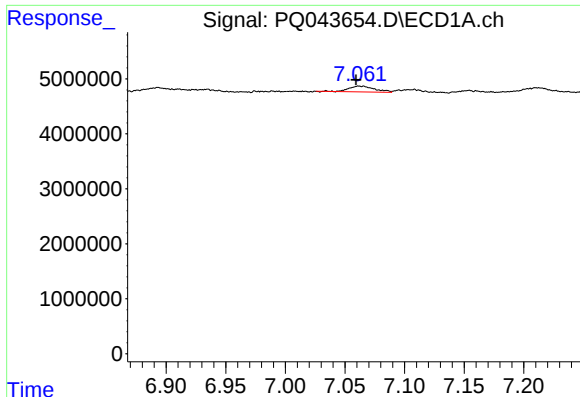
#22 AR-1248-2

R.T.: 6.845 min
Delta R.T.: 0.003 min
Response: 2221273
Conc: 21.86 ng/ml



#22 AR-1248-2

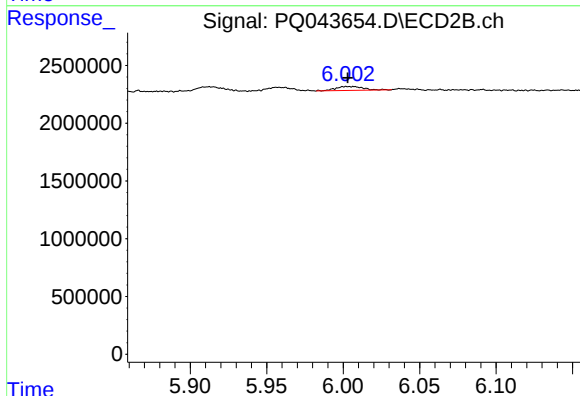
R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 384906
Conc: 10.23 ng/ml



#23 AR-1248-3

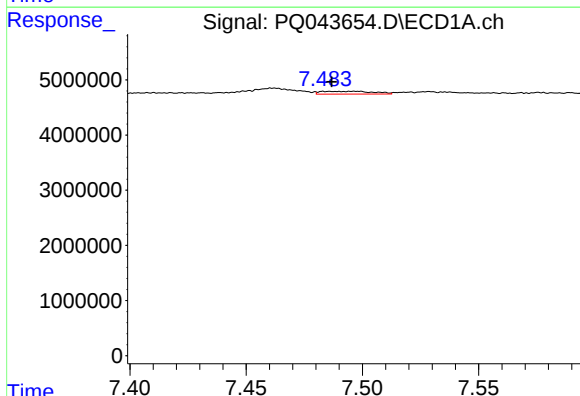
R.T.: 7.063 min
Delta R.T.: 0.004 min
Response: 1576453
Conc: 13.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



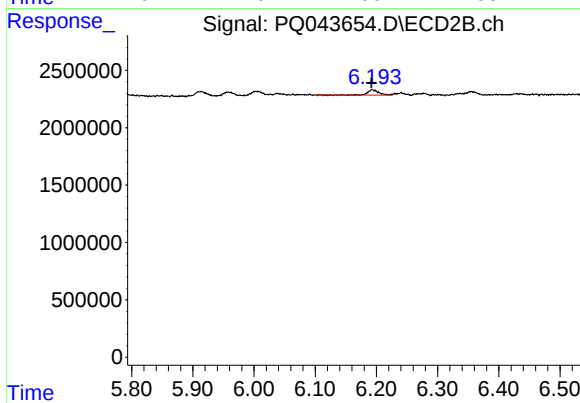
#23 AR-1248-3

R.T.: 6.004 min
Delta R.T.: 0.001 min
Response: 412252
Conc: 10.72 ng/ml



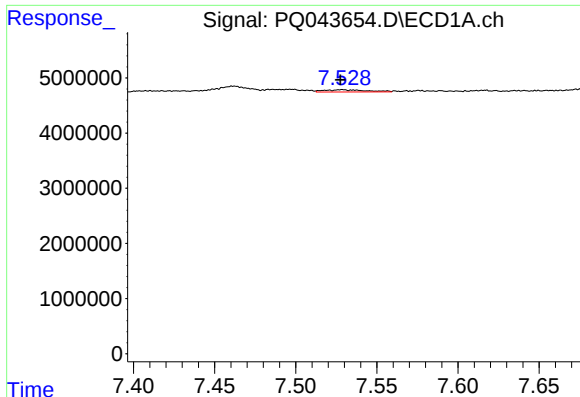
#24 AR-1248-4

R.T.: 7.495 min
Delta R.T.: 0.009 min
Response: 784708
Conc: 4.91 ng/ml



#24 AR-1248-4

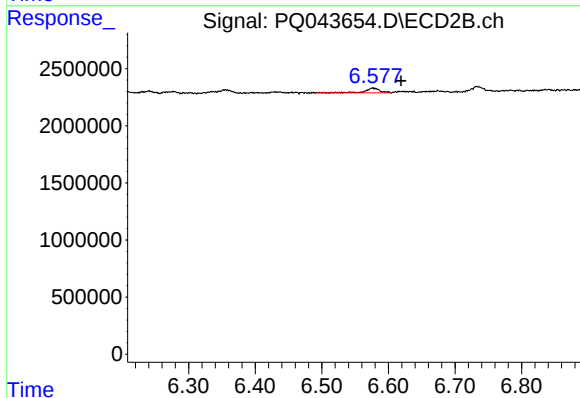
R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 599836
Conc: 12.74 ng/ml



#25 AR-1248-5

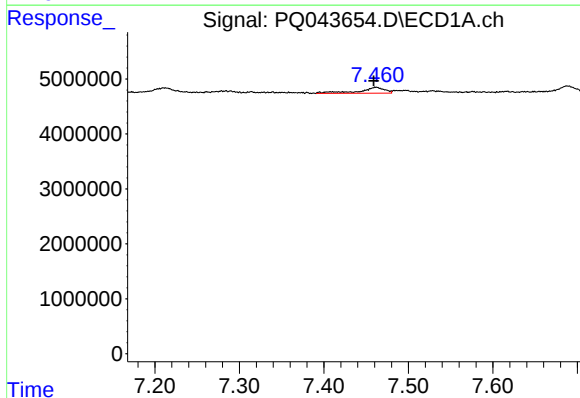
R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 739355
Conc: 4.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



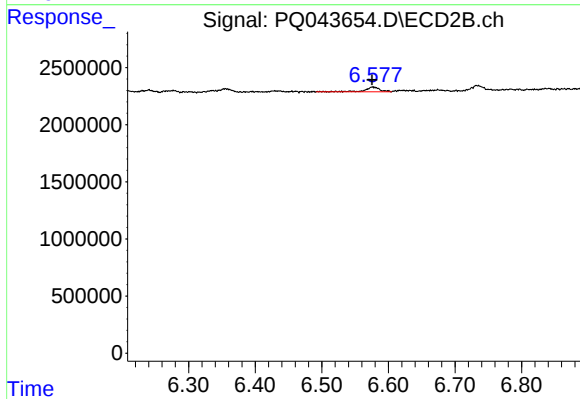
#25 AR-1248-5

R.T.: 6.578 min
Delta R.T.: -0.042 min
Response: 632357
Conc: 12.01 ng/ml



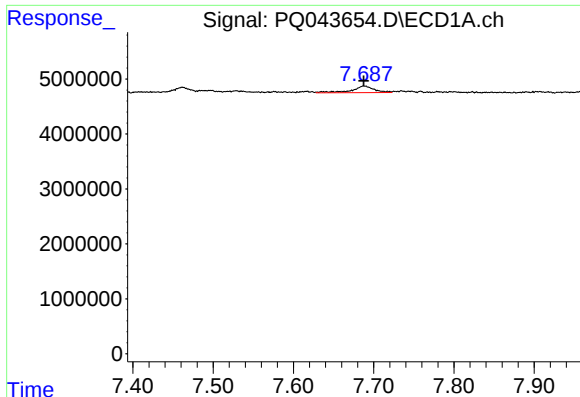
#26 AR-1254-1

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 2242474
Conc: 15.95 ng/ml



#26 AR-1254-1

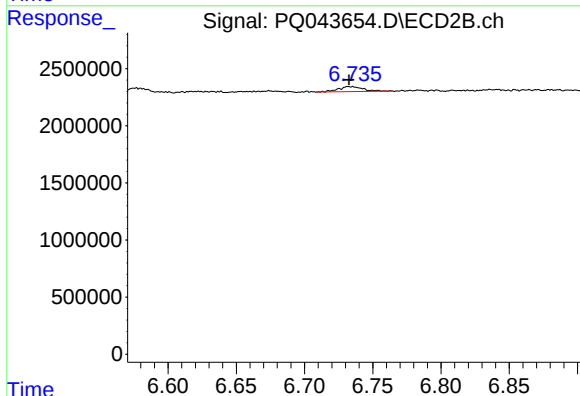
R.T.: 6.578 min
Delta R.T.: 0.002 min
Response: 632357
Conc: 8.71 ng/ml



#27 AR-1254-2

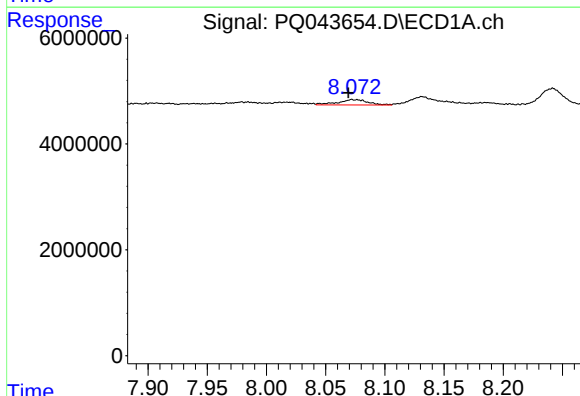
R.T.: 7.688 min
Delta R.T.: 0.000 min
Response: 2355083
Conc: 9.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



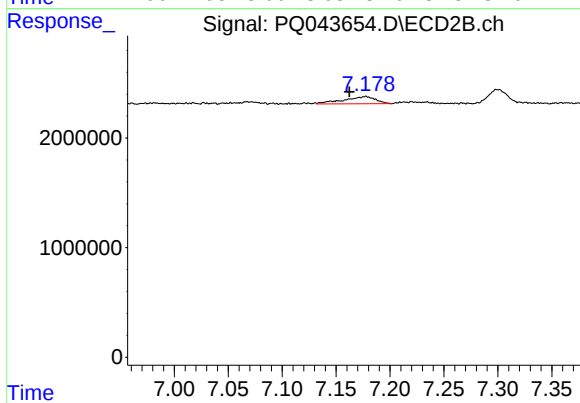
#27 AR-1254-2

R.T.: 6.734 min
Delta R.T.: 0.001 min
Response: 535336
Conc: 8.15 ng/ml



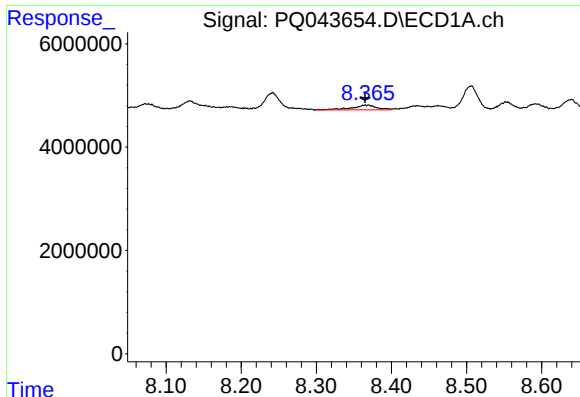
#28 AR-1254-3

R.T.: 8.074 min
Delta R.T.: 0.005 min
Response: 1769227
Conc: 6.17 ng/ml



#28 AR-1254-3

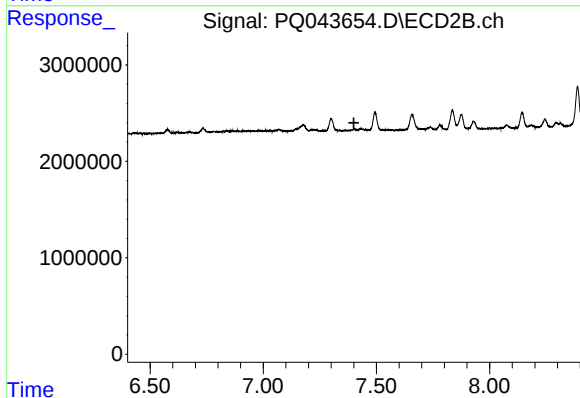
R.T.: 7.177 min
Delta R.T.: 0.014 min
Response: 1341704
Conc: 11.30 ng/ml



#29 AR-1254-4

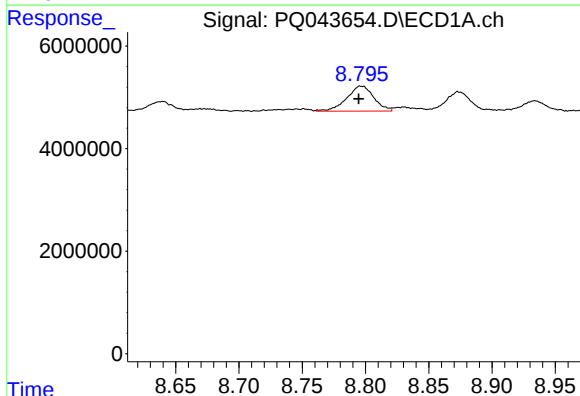
R.T.: 8.366 min
Delta R.T.: 0.001 min
Response: 2062647
Conc: 8.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



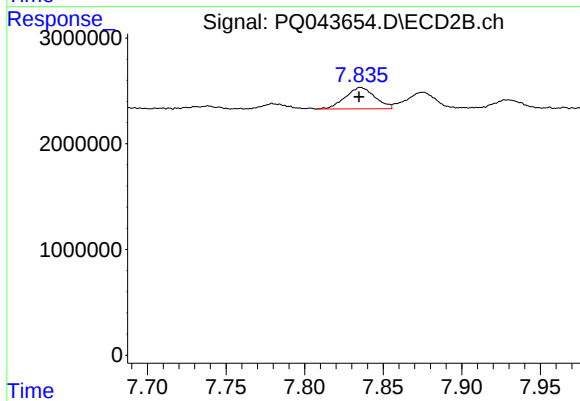
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.400 min
Response: 0
Conc: N.D.



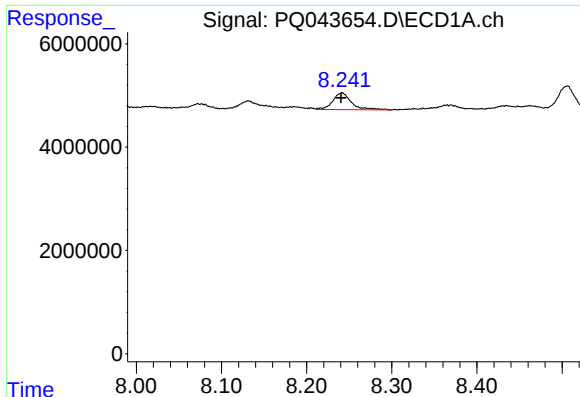
#30 AR-1254-5

R.T.: 8.797 min
Delta R.T.: 0.002 min
Response: 7283161
Conc: 23.00 ng/ml



#30 AR-1254-5

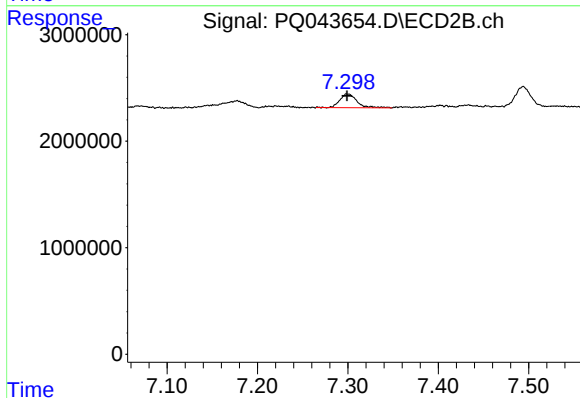
R.T.: 7.836 min
Delta R.T.: 0.001 min
Response: 2645872
Conc: 21.50 ng/ml



#31 AR-1260-1

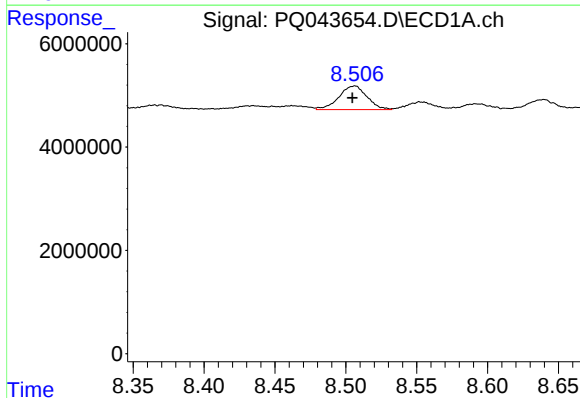
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 4983231
Conc: 26.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



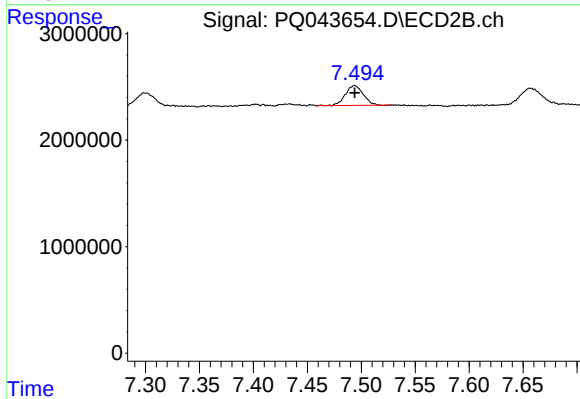
#31 AR-1260-1

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1681646
Conc: 24.05 ng/ml



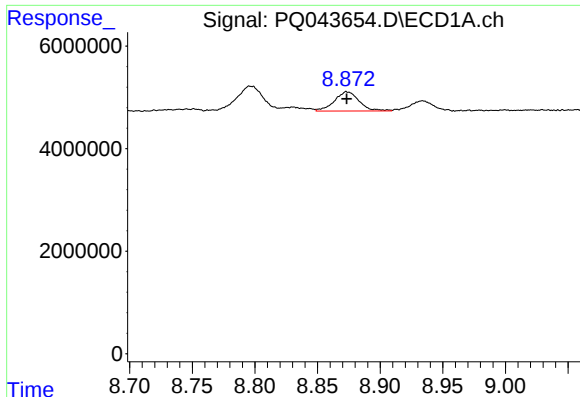
#32 AR-1260-2

R.T.: 8.506 min
Delta R.T.: 0.001 min
Response: 6324697
Conc: 25.88 ng/ml



#32 AR-1260-2

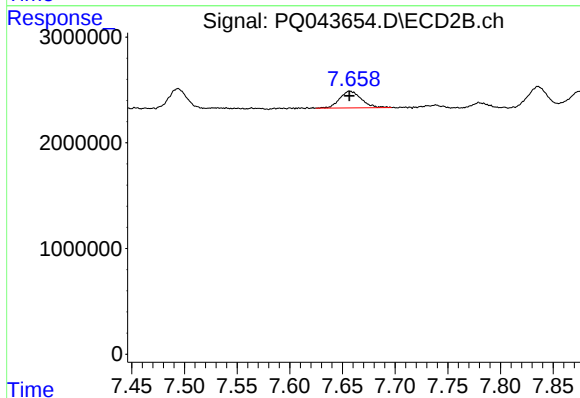
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 2150877
Conc: 23.87 ng/ml



#33 AR-1260-3

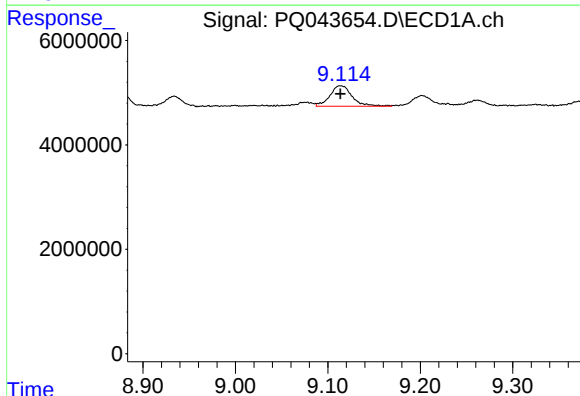
R.T.: 8.874 min
Delta R.T.: 0.000 min
Response: 5191286
Conc: 26.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



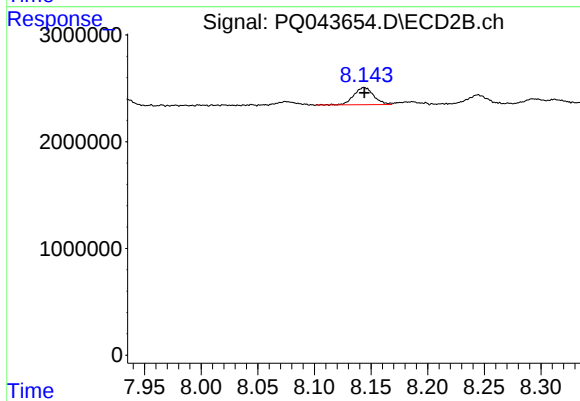
#33 AR-1260-3

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 2251131
Conc: 26.08 ng/ml



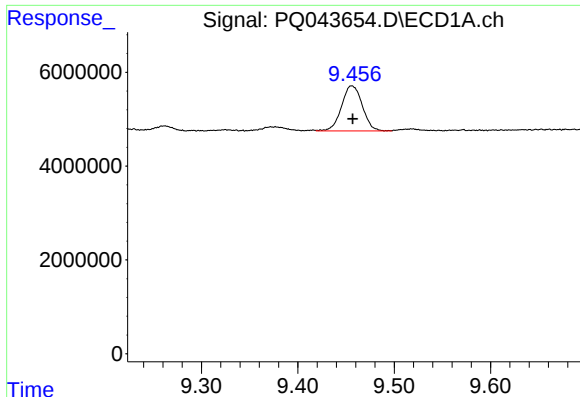
#34 AR-1260-4

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 6595488
Conc: 26.26 ng/ml



#34 AR-1260-4

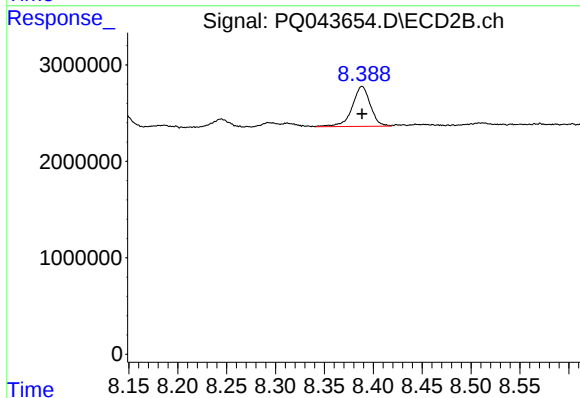
R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 1976790
Conc: 25.39 ng/ml



#35 AR-1260-5

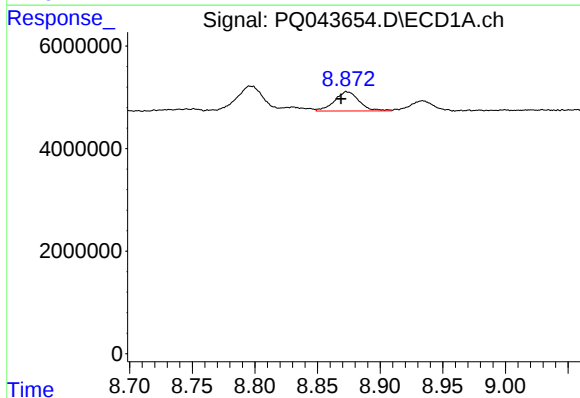
R.T.: 9.456 min
Delta R.T.: 0.000 min
Response: 14412940
Conc: 25.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



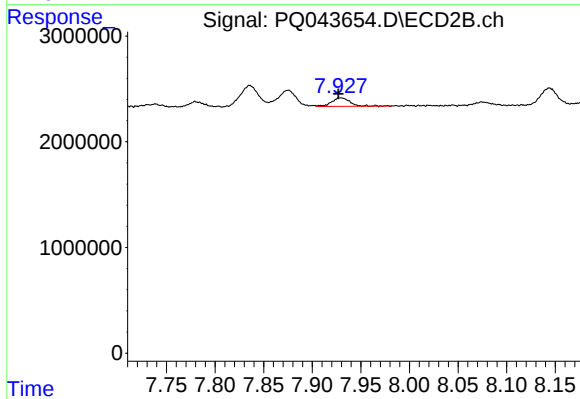
#35 AR-1260-5

R.T.: 8.388 min
Delta R.T.: 0.000 min
Response: 5365364
Conc: 25.42 ng/ml



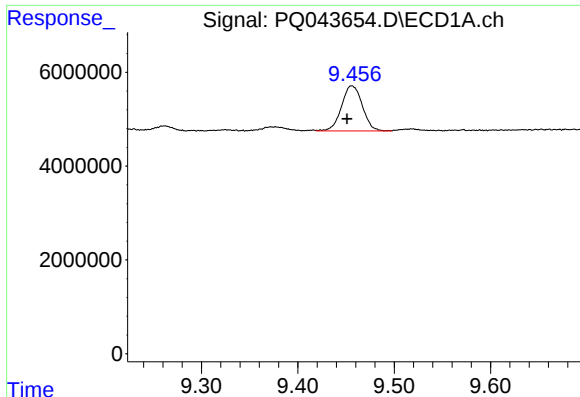
#36 AR-1262-1

R.T.: 8.874 min
Delta R.T.: 0.005 min
Response: 5191286
Conc: 15.91 ng/ml



#36 AR-1262-1

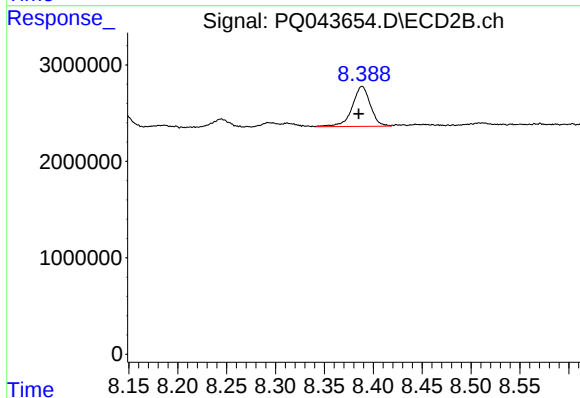
R.T.: 7.930 min
Delta R.T.: 0.002 min
Response: 1058666
Conc: 21.25 ng/ml



#37 AR-1262-2

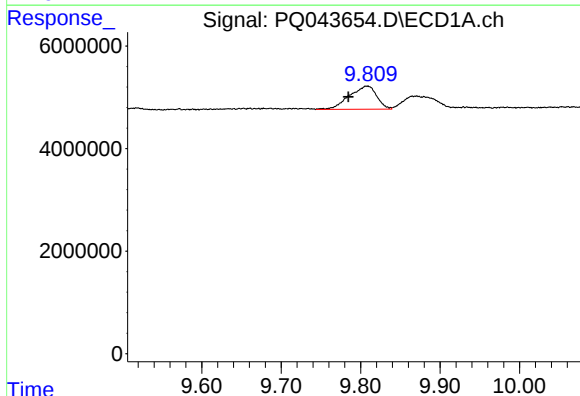
R.T.: 9.456 min
Delta R.T.: 0.005 min
Response: 14412940
Conc: 19.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



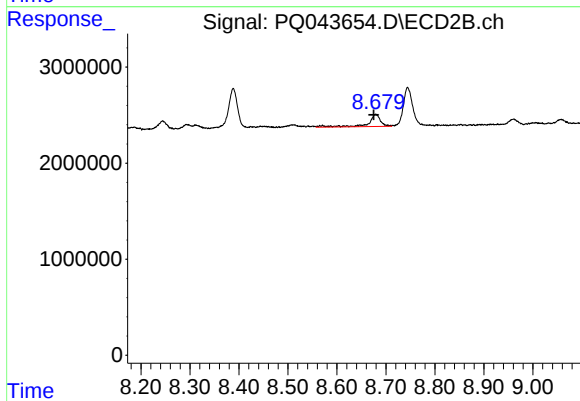
#37 AR-1262-2

R.T.: 8.388 min
Delta R.T.: 0.003 min
Response: 5365364
Conc: 20.47 ng/ml



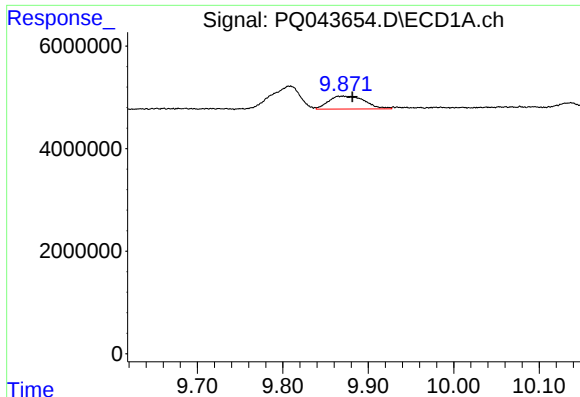
#38 AR-1262-3

R.T.: 9.808 min
Delta R.T.: 0.024 min
Response: 10757067
Conc: 20.13 ng/ml



#38 AR-1262-3

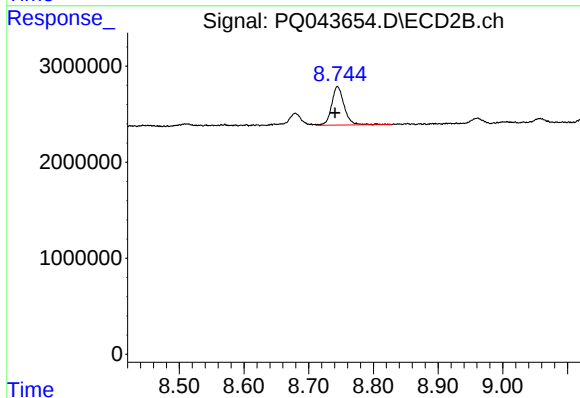
R.T.: 8.679 min
Delta R.T.: 0.004 min
Response: 2199575
Conc: 17.80 ng/ml



#39 AR-1262-4

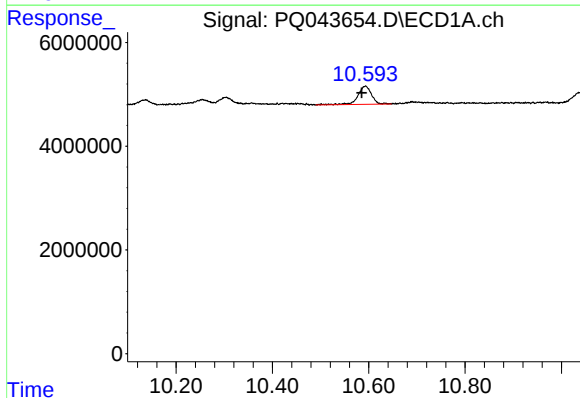
R.T.: 9.869 min
Delta R.T.: -0.012 min
Response: 7361059
Conc: 18.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



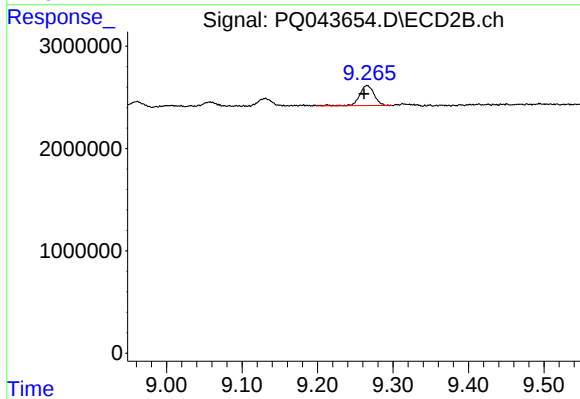
#39 AR-1262-4

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 5429011
Conc: 22.47 ng/ml



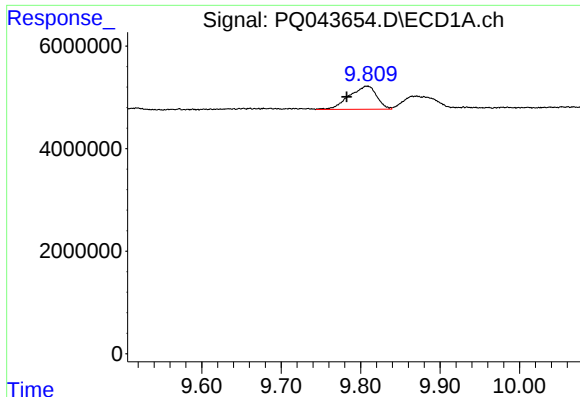
#40 AR-1262-5

R.T.: 10.593 min
Delta R.T.: 0.007 min
Response: 6945331
Conc: 19.67 ng/ml



#40 AR-1262-5

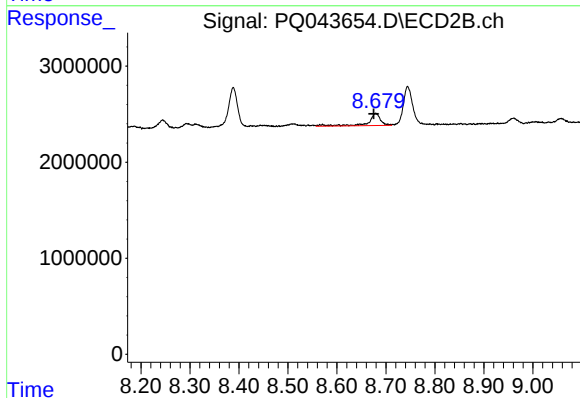
R.T.: 9.266 min
Delta R.T.: 0.004 min
Response: 2611730
Conc: 17.37 ng/ml



#41 AR-1268-1

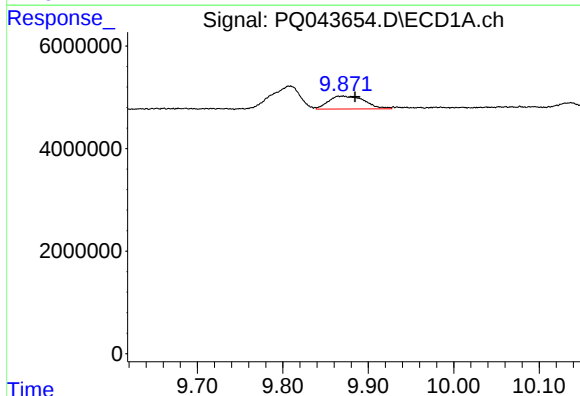
R.T.: 9.808 min
Delta R.T.: 0.026 min
Response: 10757067
Conc: 12.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



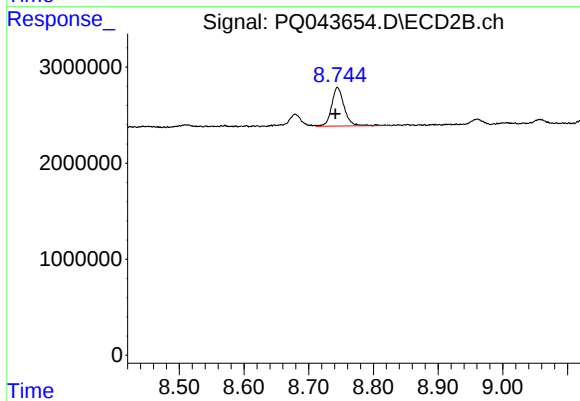
#41 AR-1268-1

R.T.: 8.679 min
Delta R.T.: 0.004 min
Response: 2199575
Conc: 6.61 ng/ml



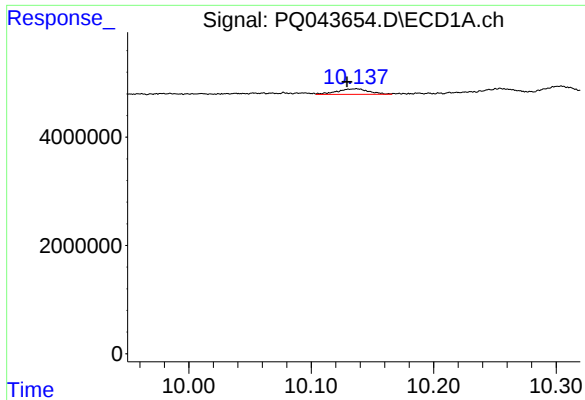
#42 AR-1268-2

R.T.: 9.869 min
Delta R.T.: -0.015 min
Response: 7361059
Conc: 8.86 ng/ml



#42 AR-1268-2

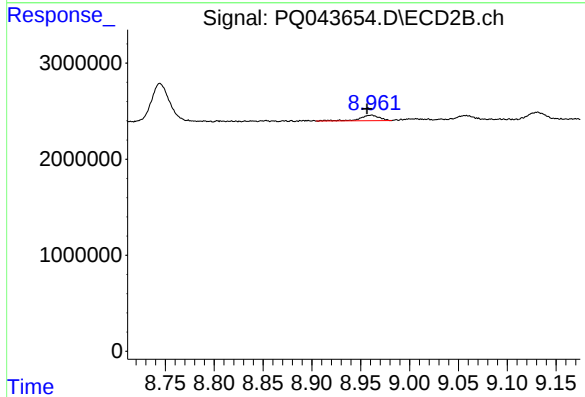
R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 5429011
Conc: 16.81 ng/ml



#43 AR-1268-3

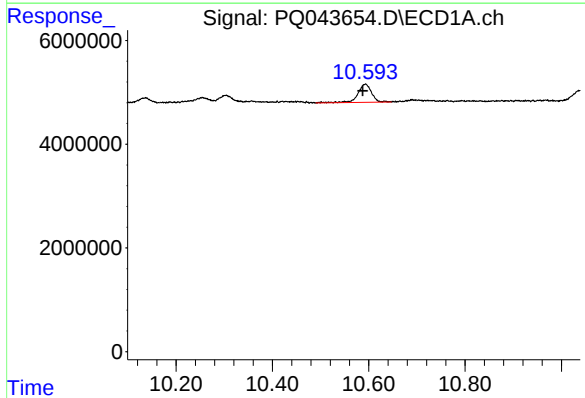
R.T.: 10.136 min
Delta R.T.: 0.007 min
Response: 1868006
Conc: 2.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



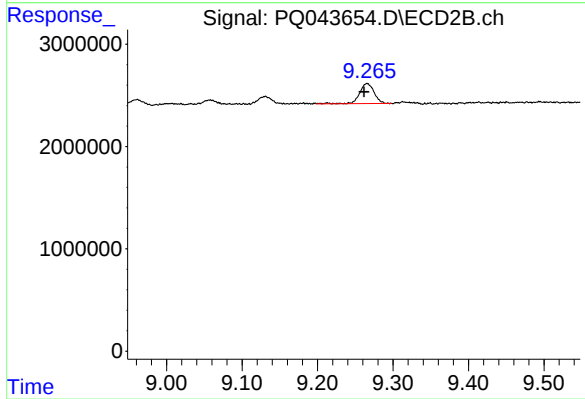
#43 AR-1268-3

R.T.: 8.961 min
Delta R.T.: 0.004 min
Response: 801120
Conc: 2.80 ng/ml



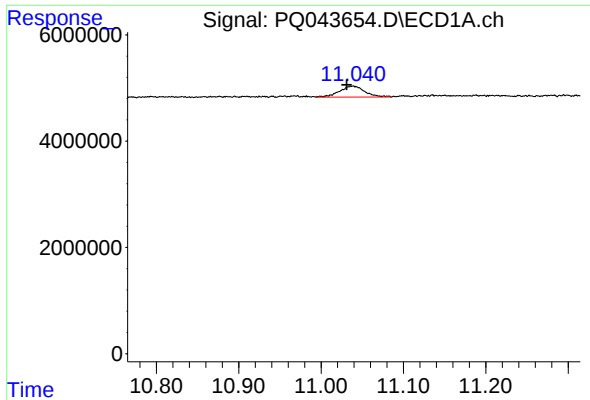
#44 AR-1268-4

R.T.: 10.593 min
Delta R.T.: 0.006 min
Response: 6945331
Conc: 18.03 ng/ml



#44 AR-1268-4

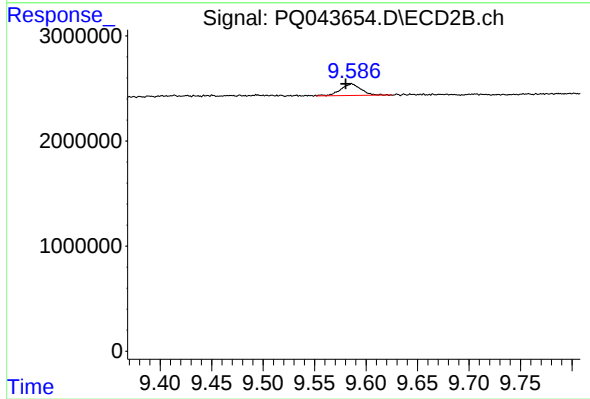
R.T.: 9.266 min
Delta R.T.: 0.004 min
Response: 2611730
Conc: 16.21 ng/ml



#45 AR-1268-5

R.T.: 11.038 min
Delta R.T.: 0.007 min
Response: 4458861
Conc: 1.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.586 min
Delta R.T.: 0.005 min
Response: 1515324
Conc: 1.23 ng/ml