

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031021\
 Data File : PQ052494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 00:58
 Operator : DD\AJ
 Sample : M1458-07
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 02:53:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031021.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 10 02:40:50 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

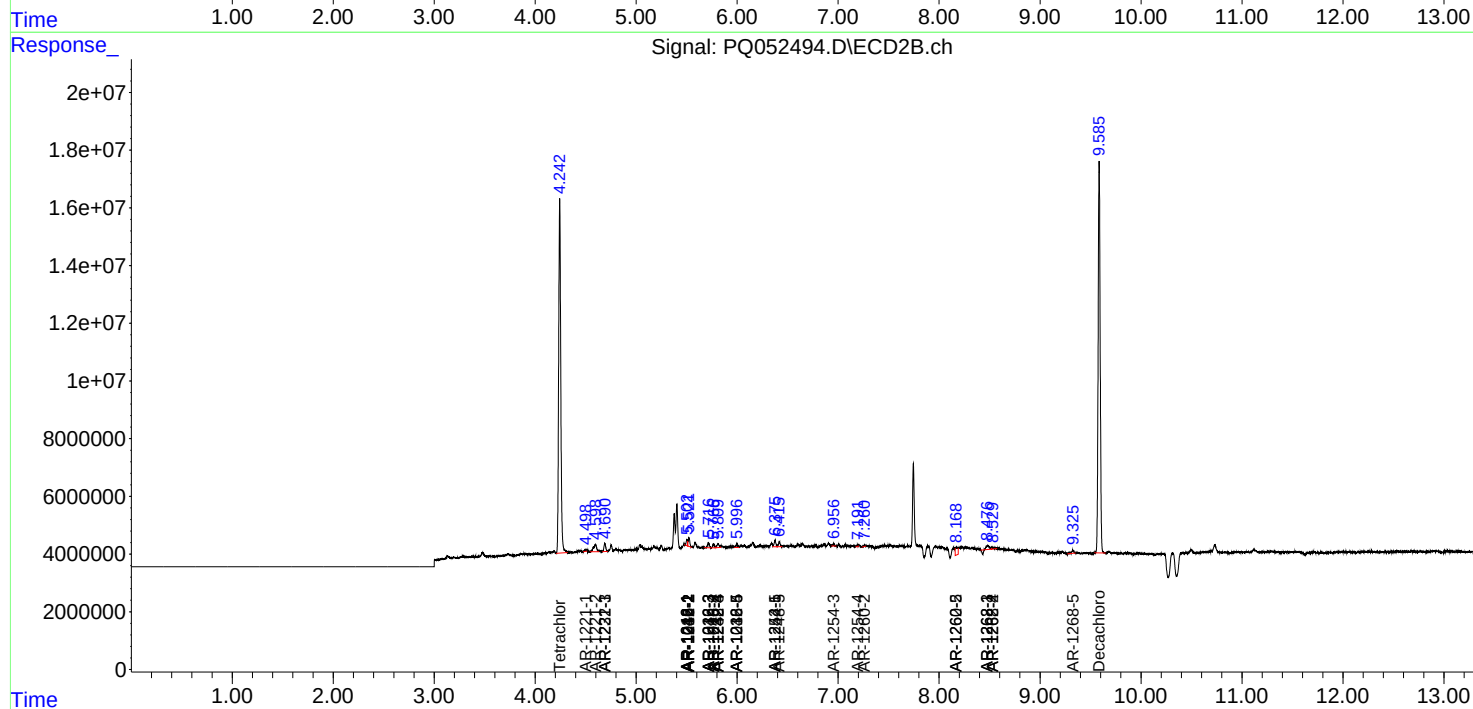
System Monitoring Compounds							
1)	SA Tetrachlo...	5.226	4.242	491.7E6	173.2E6	19.358	19.042
2)	SA Decachlor...	11.415	9.586	496.3E6	189.4E6	19.906	19.527
Target Compounds							
3)	L1 AR-1016-1	6.551	5.502	7977536	1923110	9.423	5.952 #
4)	L1 AR-1016-2	6.574	5.521	11646005	3472652	9.193	7.350
5)	L1 AR-1016-3	6.645	5.716	5755653	2075232	7.701	8.588
6)	L1 AR-1016-4	6.749	5.766	5253691	1664320	8.373	9.048
7)	L1 AR-1016-5	7.063	5.996	4829076	1585596	8.276	6.528
8)	L2 AR-1221-1	5.485	4.499	21384851	948312	85.687	10.505 #
9)	L2 AR-1221-2	5.581	4.598	14725521	5514998	81.294	83.033
10)	L2 AR-1221-3	5.664	4.690	22193506	3624462	38.525	16.359 #
11)	L3 AR-1232-1	5.664	4.690	22193506	3624462	46.181	20.209 #
12)	L3 AR-1232-2	6.258	5.521	6560545	3472652	26.524	17.960 #
13)	L3 AR-1232-3	6.574	5.716	11646005	2075232	22.079	21.456
14)	L3 AR-1232-4	6.749	5.810	5253691	2040825	20.394	25.300
15)	L3 AR-1232-5	6.844	5.996	3450579	1585596	19.159	17.559
16)	L4 AR-1242-1	6.551	5.502	7977536	1923110	12.321	7.815 #
17)	L4 AR-1242-2	6.574	5.521	11646005	3472652	12.148	9.886
18)	L4 AR-1242-3	6.645	5.716	5755653	2075232	10.039	11.266
19)	L4 AR-1242-4	6.749	5.810	5253691	2040825	11.062	12.111
20)	L4 AR-1242-5	7.532	6.375	5280252	2659672	10.029	11.185
21)	L5 AR-1248-1	6.551	5.502	7977536	1923110	16.485	10.370 #
22)	L5 AR-1248-2	6.844	5.766	3450579	1664320	5.163	6.721 #
23)	L5 AR-1248-3	7.063	5.810	4829076	2040825	6.238	7.946 #
24)	L5 AR-1248-4	7.492	5.996	6013992	1585596	6.533	5.087
25)	L5 AR-1248-5	7.532	6.416	5280252	2109767	5.779	6.266
26)	L6 AR-1254-1	7.463	6.375	5319497	2659672	5.913	5.163
27)	L6 AR-1254-2	7.699	0.000	5857998	0	4.146	N.D. #
28)	L6 AR-1254-3	8.071	6.956	1163585	805081	0.750	1.089 #
29)	L6 AR-1254-4	8.361	7.192	2645153	540275	2.308	1.082 #
31)	L7 AR-1260-1	8.265f	0.000	5822780	0	5.584	N.D. #
32)	L7 AR-1260-2	8.506	7.260f	1539143	568227	1.214	0.887 #
35)	L7 AR-1260-5	0.000	8.169	0	4261845	N.D.	3.237 #
37)	L8 AR-1262-2	0.000	8.169	0	4261845	N.D.	2.882 #
38)	L8 AR-1262-3	0.000	8.477f	0	1685333	N.D.	2.919 #
39)	L8 AR-1262-4	0.000	8.530	0	970227	N.D.	0.944 #
41)	L9 AR-1268-1	0.000	8.477f	0	1685333	N.D.	0.986 #
42)	L9 AR-1268-2	0.000	8.530	0	970227	N.D.	0.645 #
45)	L9 AR-1268-5	11.048	9.325	4213588	1836205	0.468	0.473

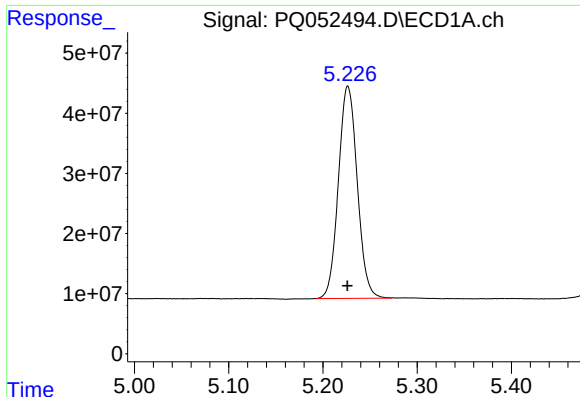
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_Q
ClientSampleId :

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

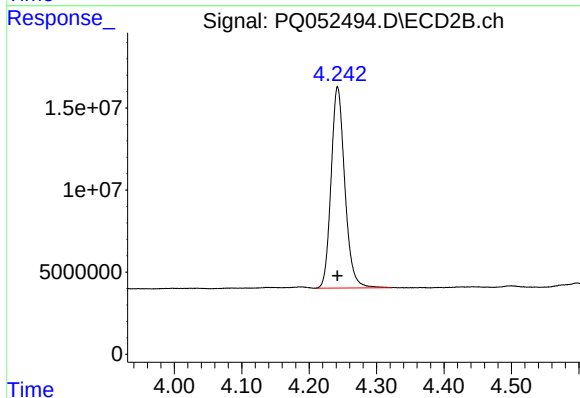




#1 Tetrachloro-m-xylene

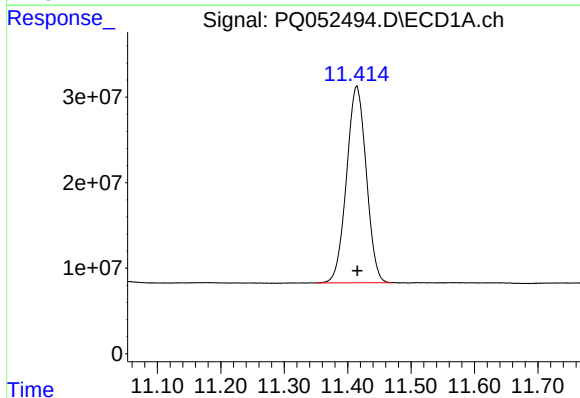
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 491694798
Conc: 19.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



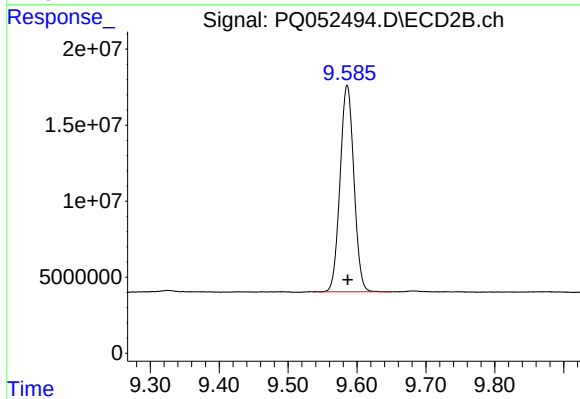
#1 Tetrachloro-m-xylene

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 173217768
Conc: 19.04 ng/ml



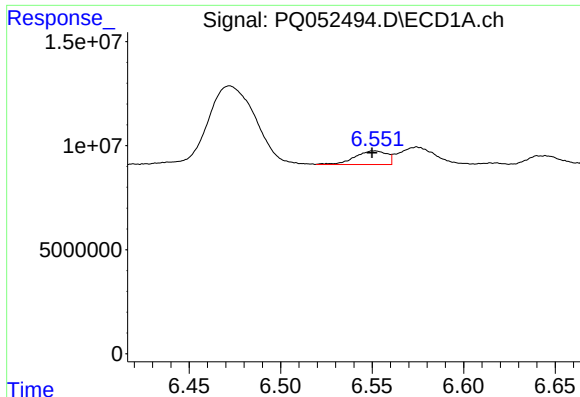
#2 Decachlorobiphenyl

R.T.: 11.415 min
Delta R.T.: -0.001 min
Response: 496258762
Conc: 19.91 ng/ml



#2 Decachlorobiphenyl

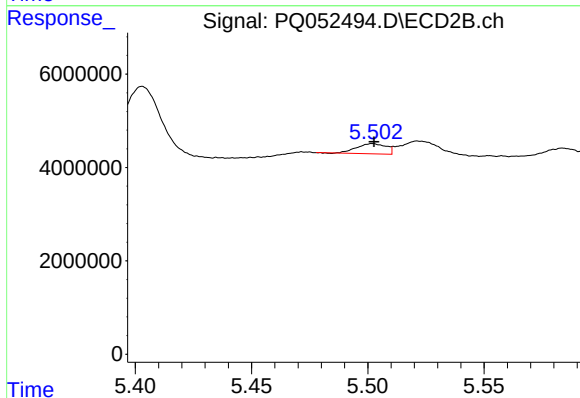
R.T.: 9.586 min
Delta R.T.: 0.000 min
Response: 189397720
Conc: 19.53 ng/ml



#3 AR-1016-1

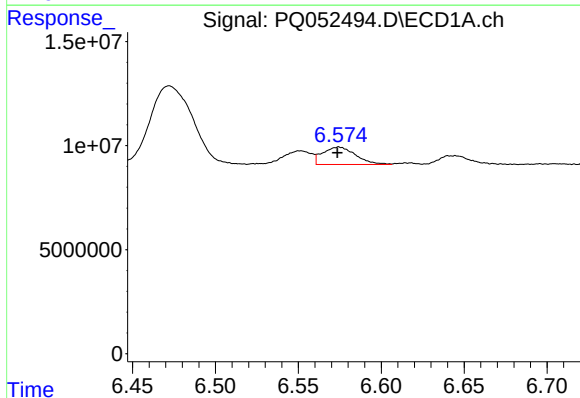
R.T.: 6.551 min
Delta R.T.: 0.001 min
Response: 7977536
Conc: 9.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



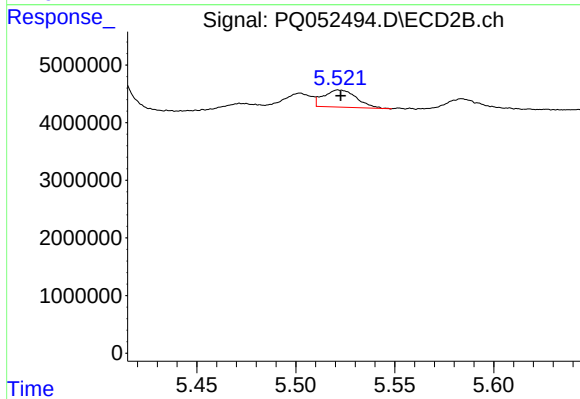
#3 AR-1016-1

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 1923110
Conc: 5.95 ng/ml



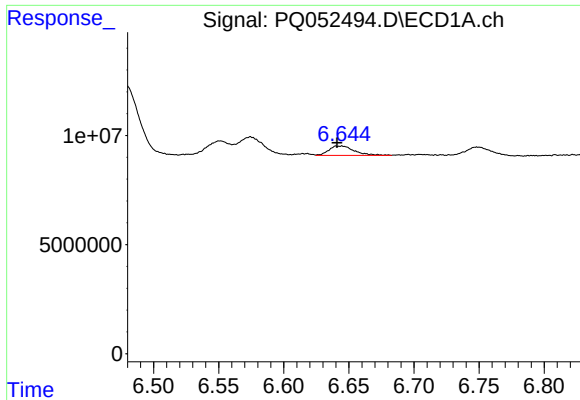
#4 AR-1016-2

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 11646005
Conc: 9.19 ng/ml



#4 AR-1016-2

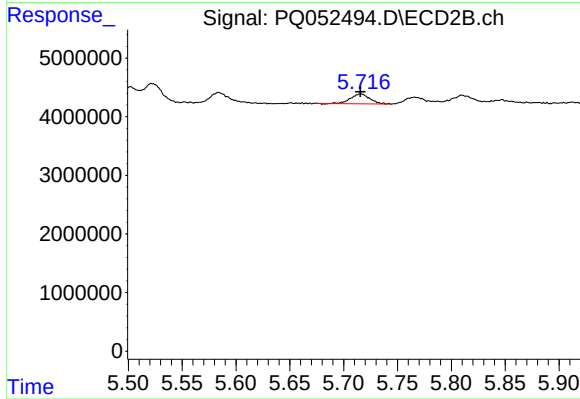
R.T.: 5.521 min
Delta R.T.: -0.001 min
Response: 3472652
Conc: 7.35 ng/ml



#5 AR-1016-3

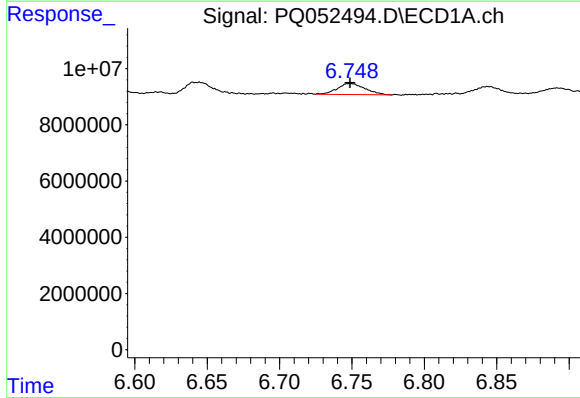
R.T.: 6.645 min
Delta R.T.: 0.004 min
Response: 5755653
Conc: 7.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



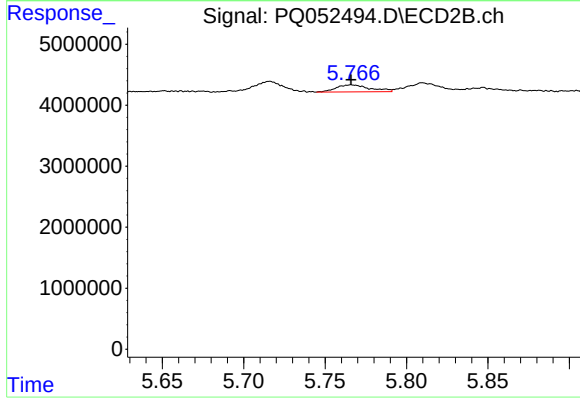
#5 AR-1016-3

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 2075232
Conc: 8.59 ng/ml



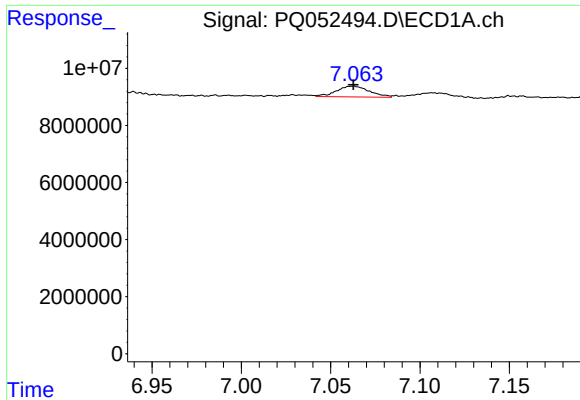
#6 AR-1016-4

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 5253691
Conc: 8.37 ng/ml



#6 AR-1016-4

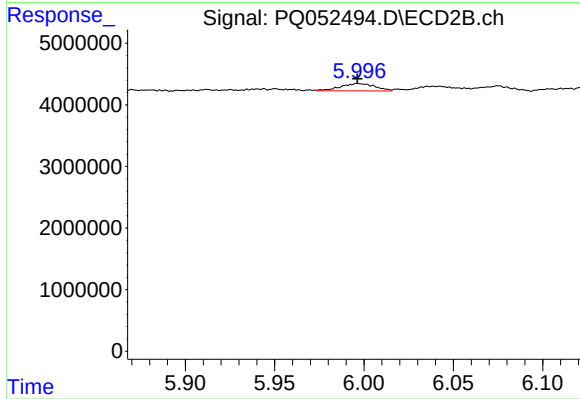
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 1664320
Conc: 9.05 ng/ml



#7 AR-1016-5

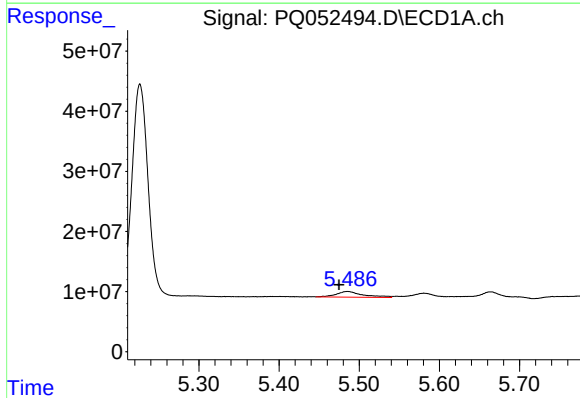
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 4829076
Conc: 8.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



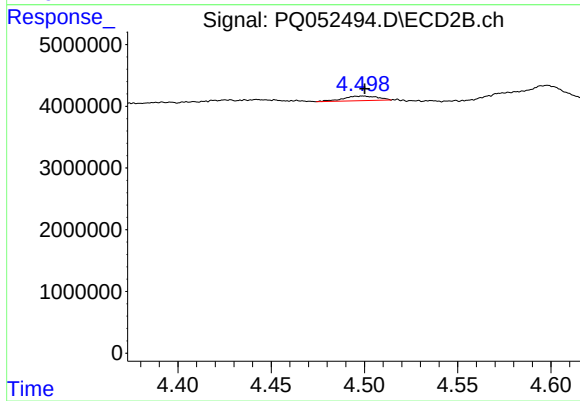
#7 AR-1016-5

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 1585596
Conc: 6.53 ng/ml



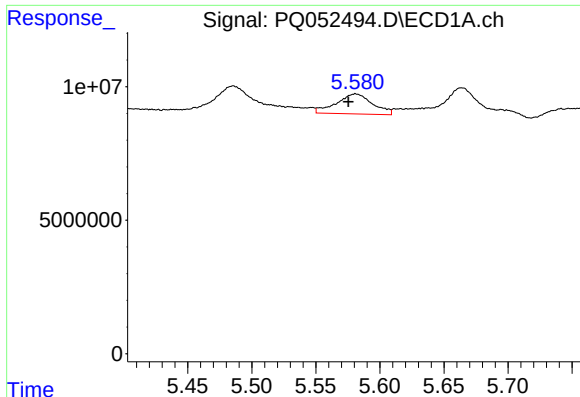
#8 AR-1221-1

R.T.: 5.485 min
Delta R.T.: 0.011 min
Response: 21384851
Conc: 85.69 ng/ml



#8 AR-1221-1

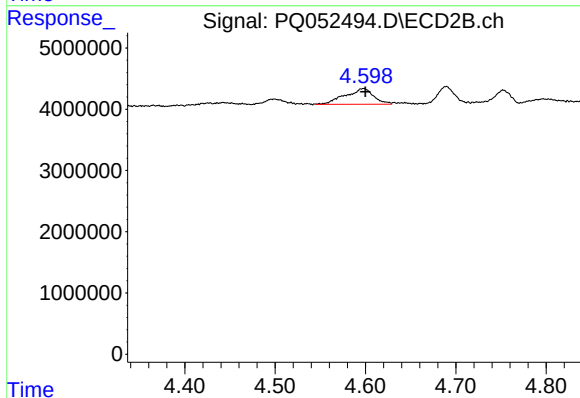
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 948312
Conc: 10.51 ng/ml



#9 AR-1221-2

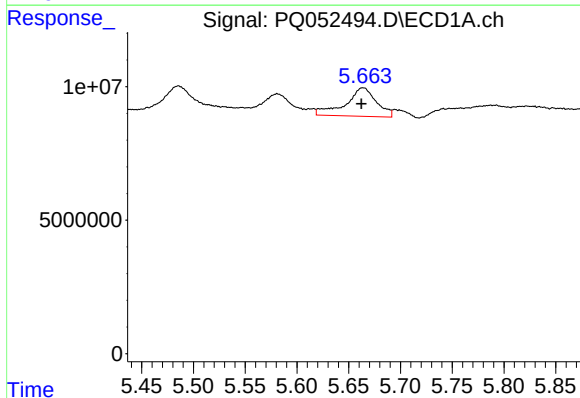
R.T.: 5.581 min
Delta R.T.: 0.006 min
Response: 14725521
Conc: 81.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



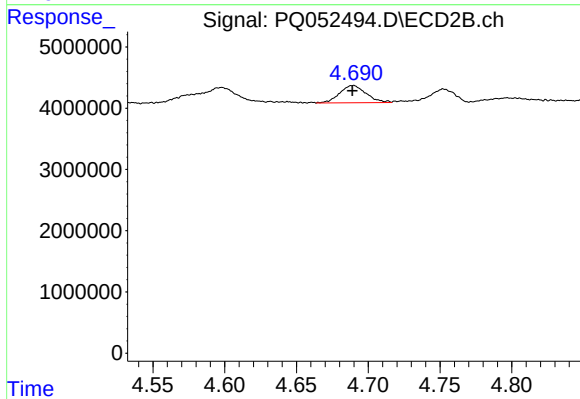
#9 AR-1221-2

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 5514998
Conc: 83.03 ng/ml



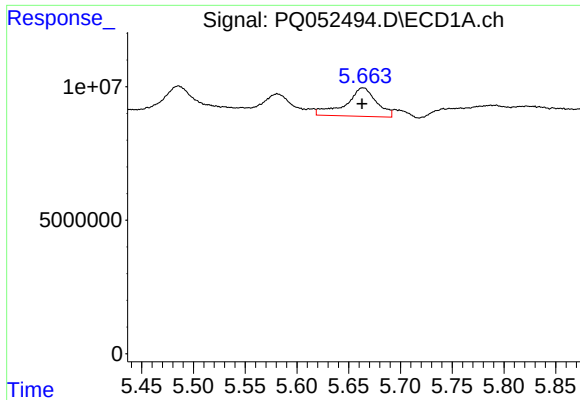
#10 AR-1221-3

R.T.: 5.664 min
Delta R.T.: 0.001 min
Response: 22193506
Conc: 38.53 ng/ml



#10 AR-1221-3

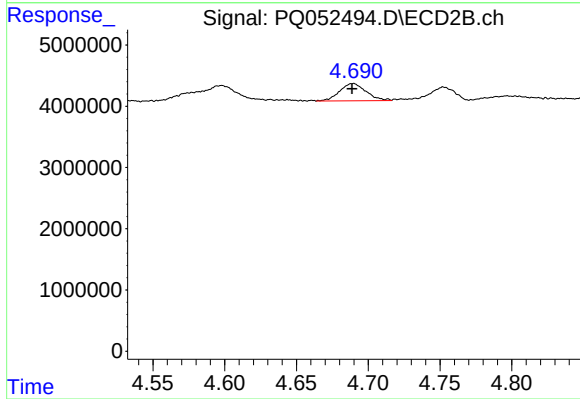
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 3624462
Conc: 16.36 ng/ml



#11 AR-1232-1

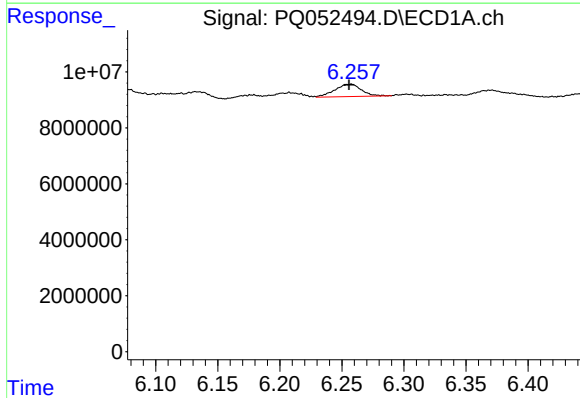
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 22193506
Conc: 46.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



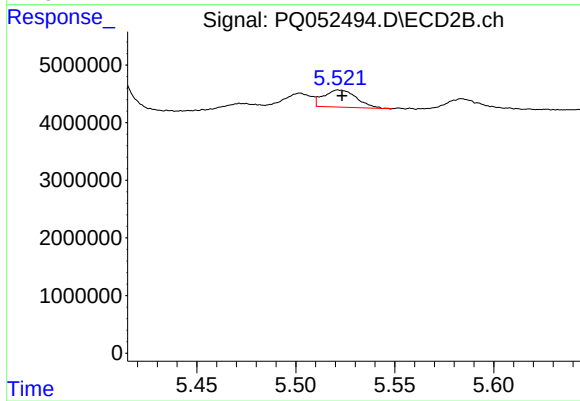
#11 AR-1232-1

R.T.: 4.690 min
Delta R.T.: 0.001 min
Response: 3624462
Conc: 20.21 ng/ml



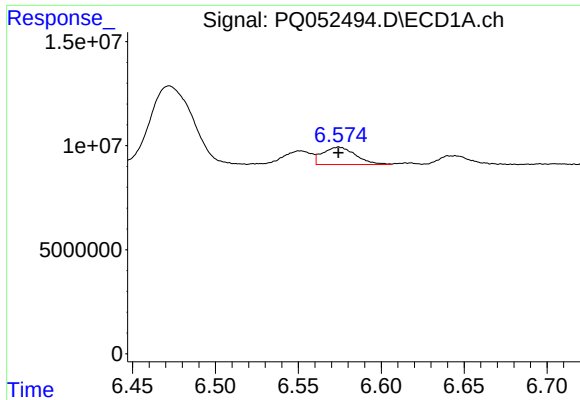
#12 AR-1232-2

R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 6560545
Conc: 26.52 ng/ml



#12 AR-1232-2

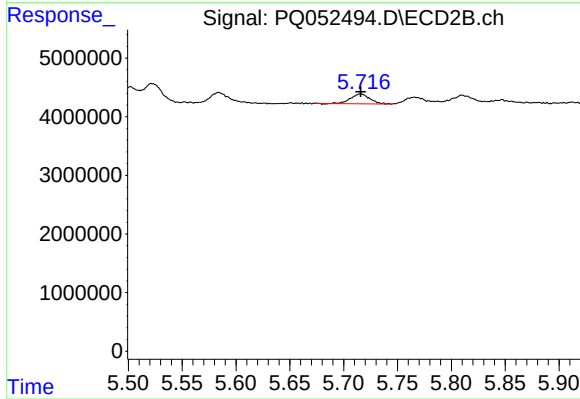
R.T.: 5.521 min
Delta R.T.: -0.002 min
Response: 3472652
Conc: 17.96 ng/ml



#13 AR-1232-3

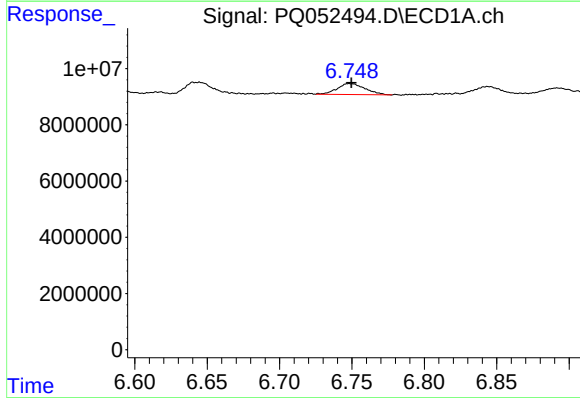
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 11646005
Conc: 22.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



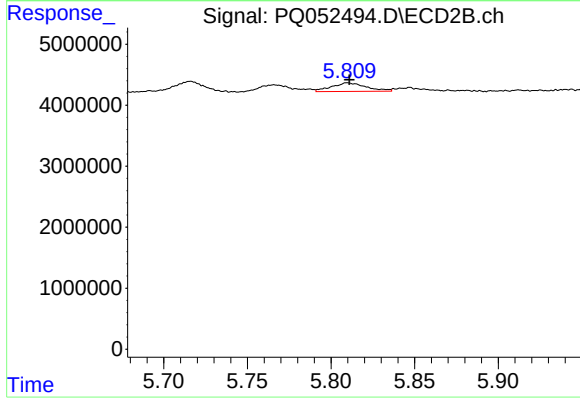
#13 AR-1232-3

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 2075232
Conc: 21.46 ng/ml



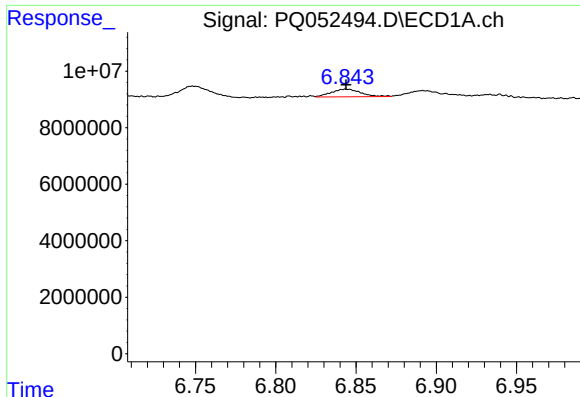
#14 AR-1232-4

R.T.: 6.749 min
Delta R.T.: -0.001 min
Response: 5253691
Conc: 20.39 ng/ml



#14 AR-1232-4

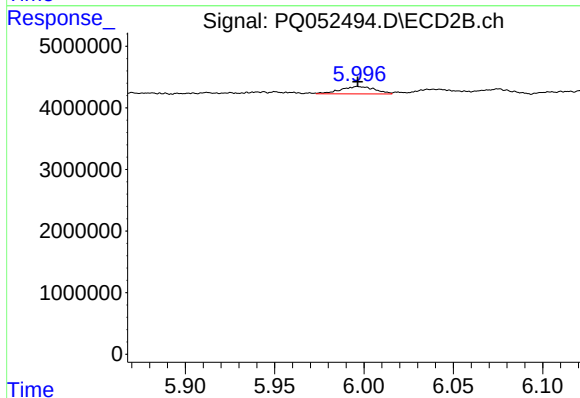
R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 2040825
Conc: 25.30 ng/ml



#15 AR-1232-5

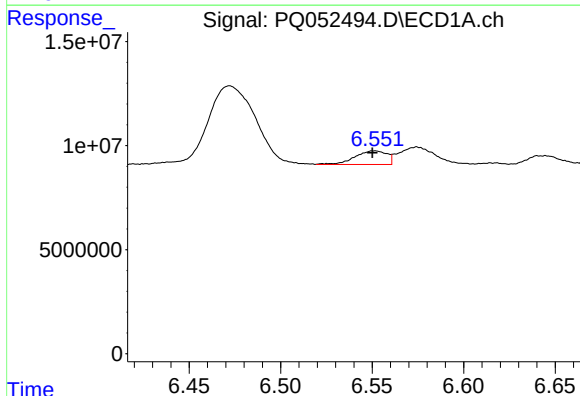
R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 3450579
Conc: 19.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



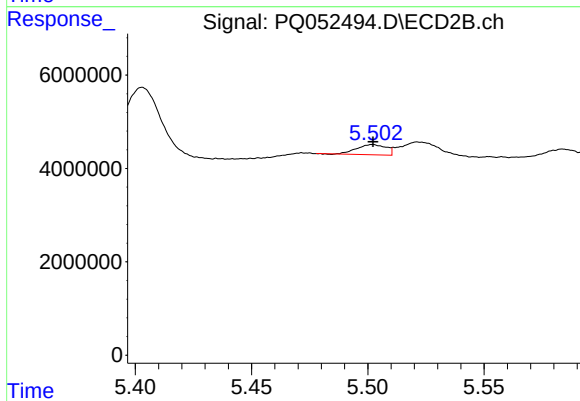
#15 AR-1232-5

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 1585596
Conc: 17.56 ng/ml



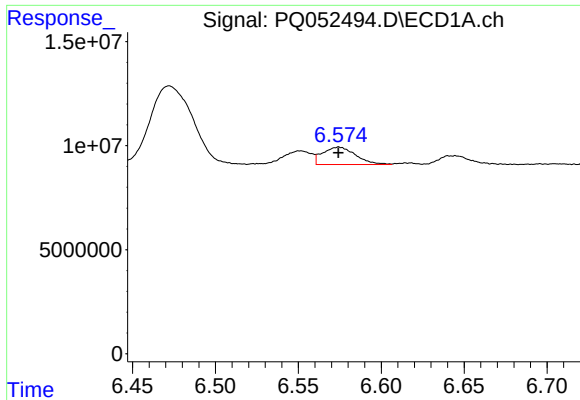
#16 AR-1242-1

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 7977536
Conc: 12.32 ng/ml



#16 AR-1242-1

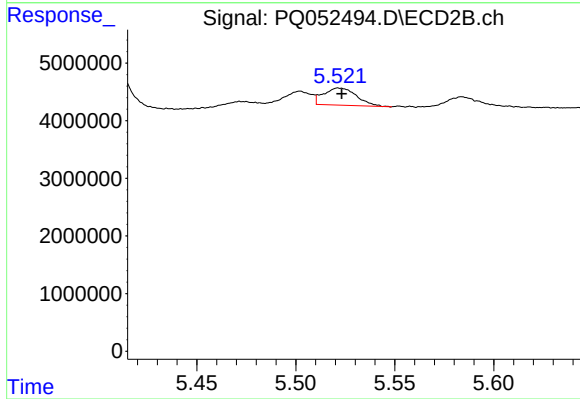
R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 1923110
Conc: 7.81 ng/ml



#17 AR-1242-2

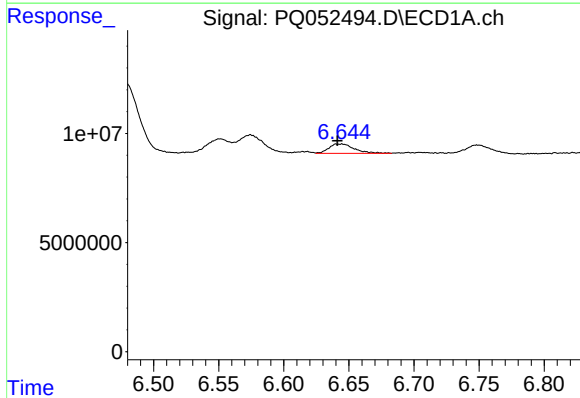
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 11646005
Conc: 12.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



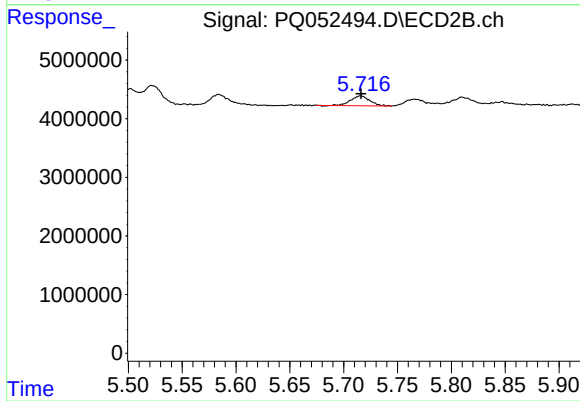
#17 AR-1242-2

R.T.: 5.521 min
Delta R.T.: -0.002 min
Response: 3472652
Conc: 9.89 ng/ml



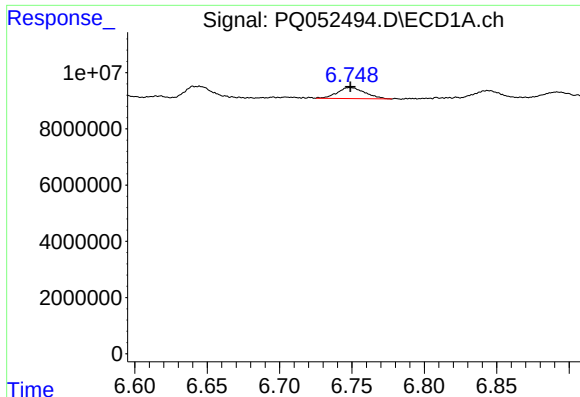
#18 AR-1242-3

R.T.: 6.645 min
Delta R.T.: 0.004 min
Response: 5755653
Conc: 10.04 ng/ml



#18 AR-1242-3

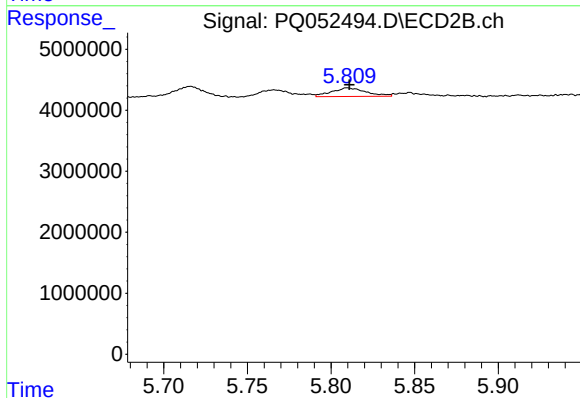
R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 2075232
Conc: 11.27 ng/ml



#19 AR-1242-4

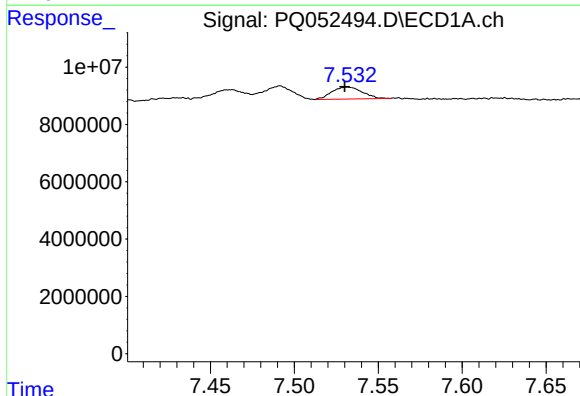
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 5253691
Conc: 11.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



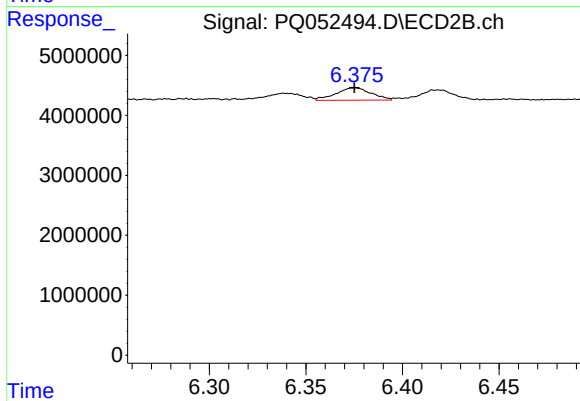
#19 AR-1242-4

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 2040825
Conc: 12.11 ng/ml



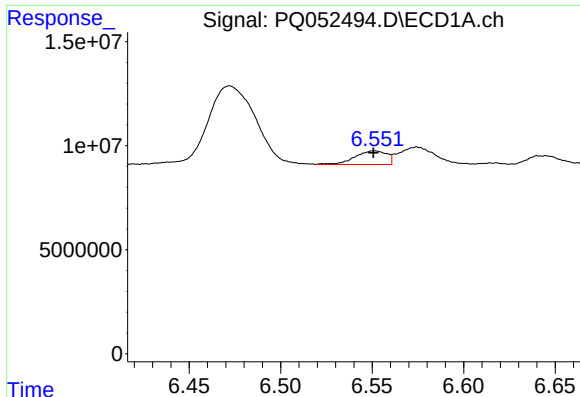
#20 AR-1242-5

R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 5280252
Conc: 10.03 ng/ml



#20 AR-1242-5

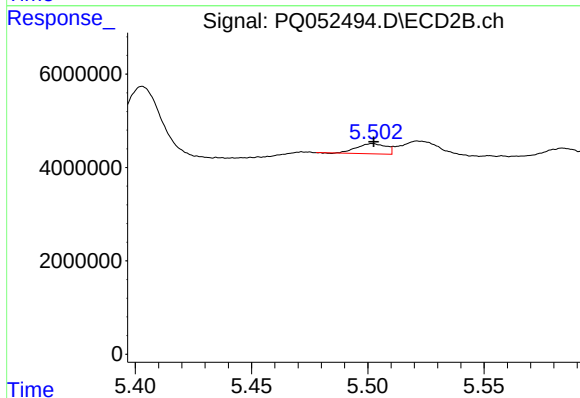
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 2659672
Conc: 11.18 ng/ml



#21 AR-1248-1

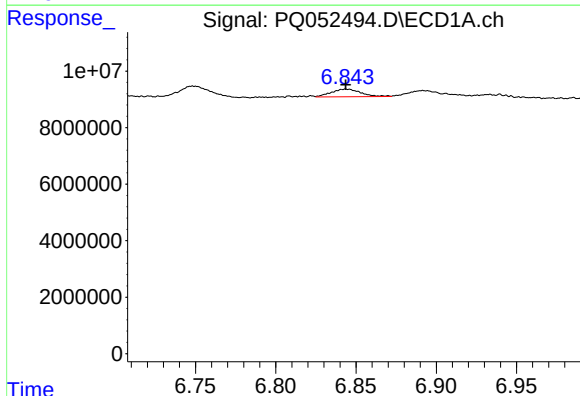
R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 7977536
Conc: 16.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



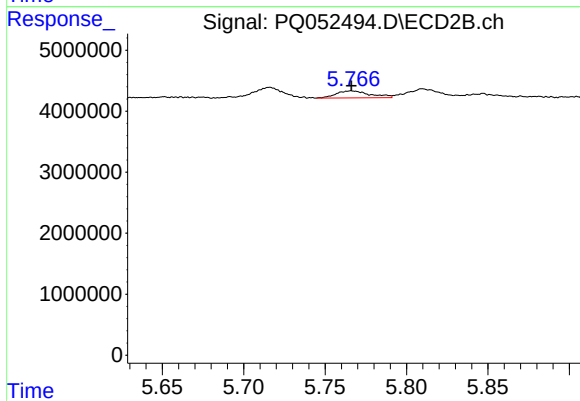
#21 AR-1248-1

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 1923110
Conc: 10.37 ng/ml



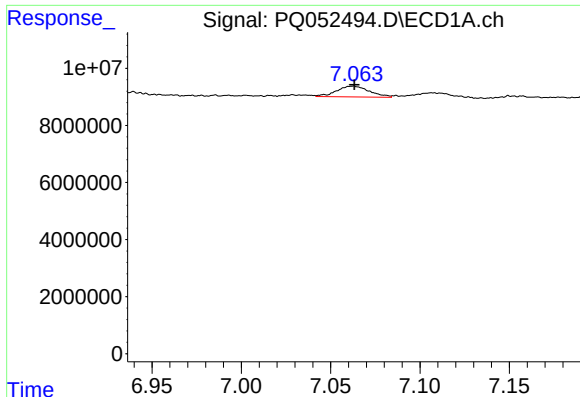
#22 AR-1248-2

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 3450579
Conc: 5.16 ng/ml



#22 AR-1248-2

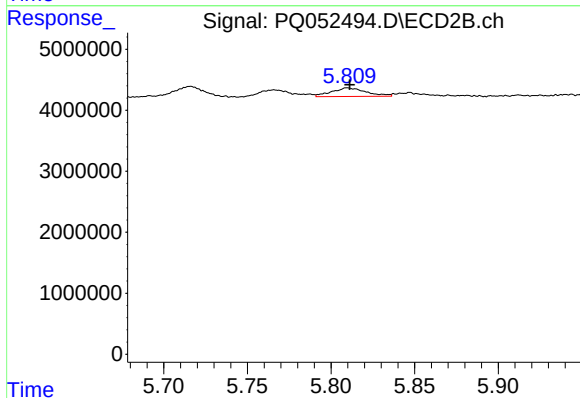
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 1664320
Conc: 6.72 ng/ml



#23 AR-1248-3

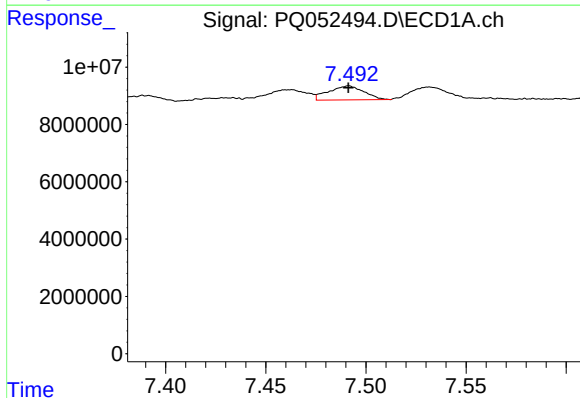
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 4829076
Conc: 6.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



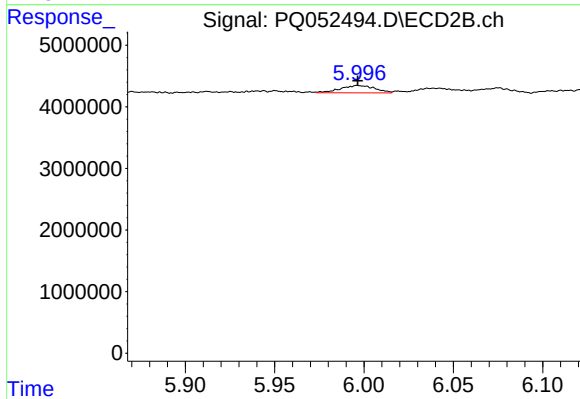
#23 AR-1248-3

R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 2040825
Conc: 7.95 ng/ml



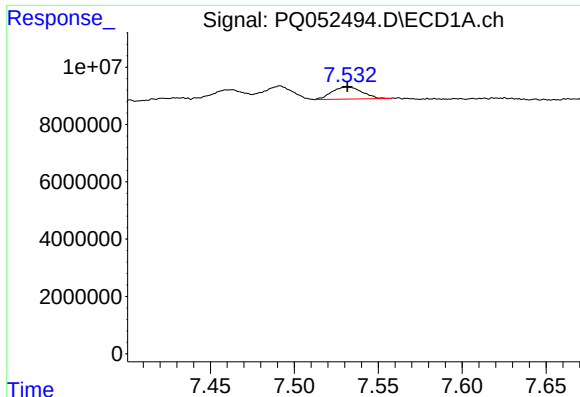
#24 AR-1248-4

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 6013992
Conc: 6.53 ng/ml



#24 AR-1248-4

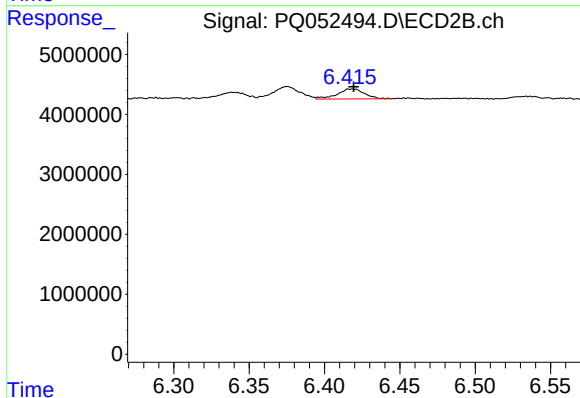
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 1585596
Conc: 5.09 ng/ml



#25 AR-1248-5

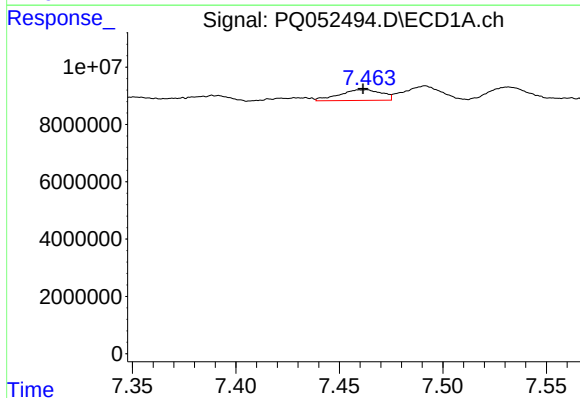
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 5280252
Conc: 5.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



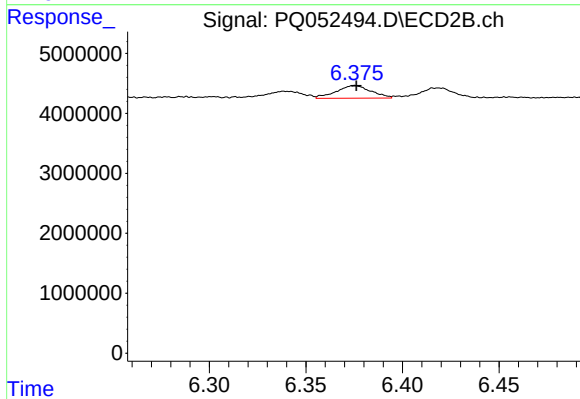
#25 AR-1248-5

R.T.: 6.416 min
Delta R.T.: -0.004 min
Response: 2109767
Conc: 6.27 ng/ml



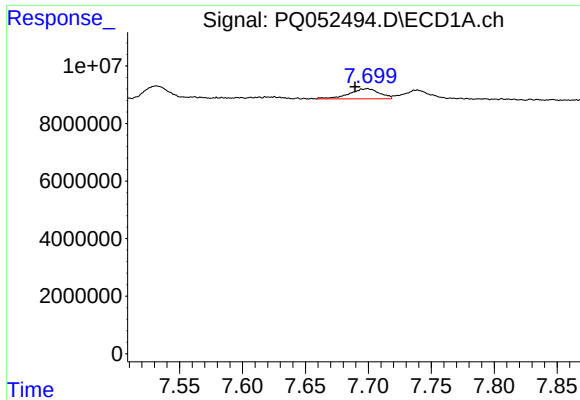
#26 AR-1254-1

R.T.: 7.463 min
Delta R.T.: 0.002 min
Response: 5319497
Conc: 5.91 ng/ml



#26 AR-1254-1

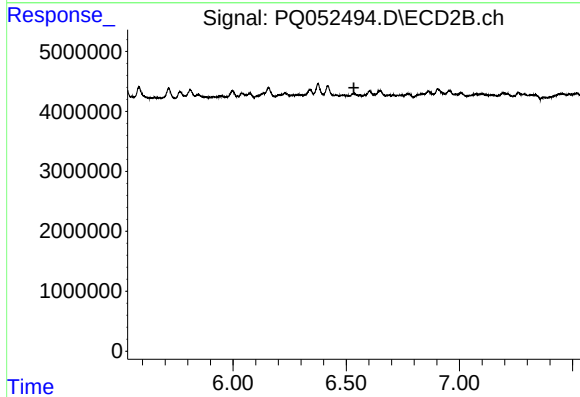
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 2659672
Conc: 5.16 ng/ml



#27 AR-1254-2

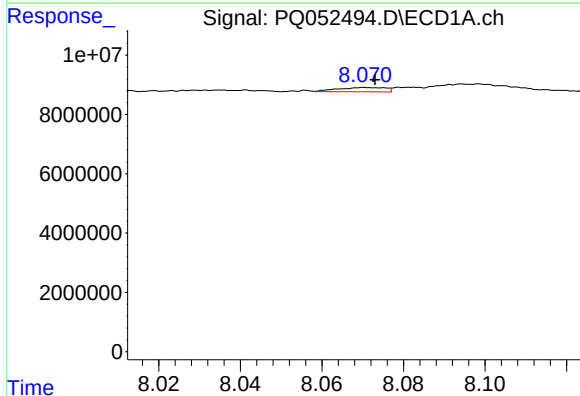
R.T.: 7.699 min
Delta R.T.: 0.010 min
Response: 5857998
Conc: 4.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



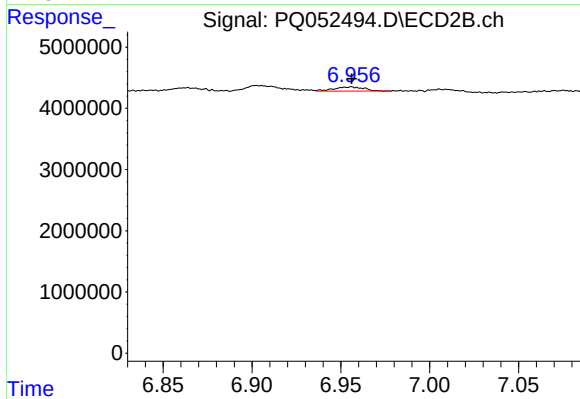
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.534 min
Response: 0
Conc: N.D.



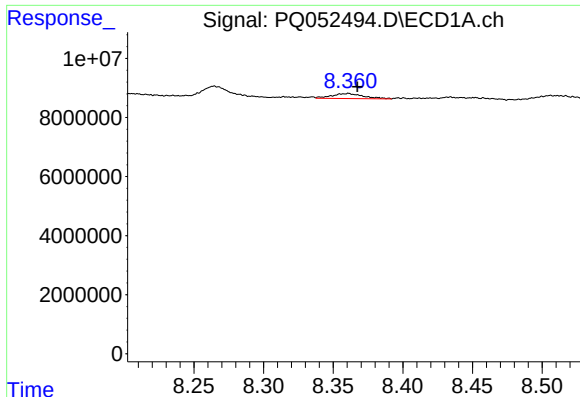
#28 AR-1254-3

R.T.: 8.071 min
Delta R.T.: -0.003 min
Response: 1163585
Conc: 0.75 ng/ml



#28 AR-1254-3

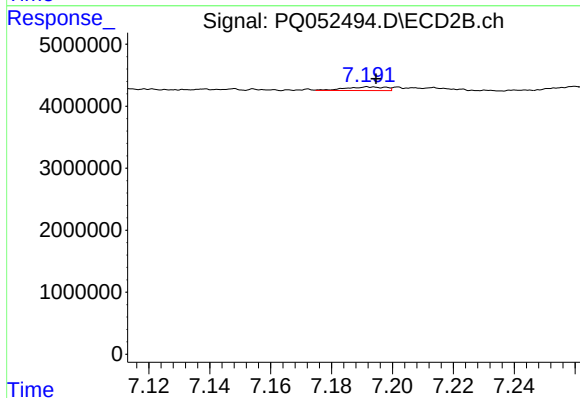
R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 805081
Conc: 1.09 ng/ml



#29 AR-1254-4

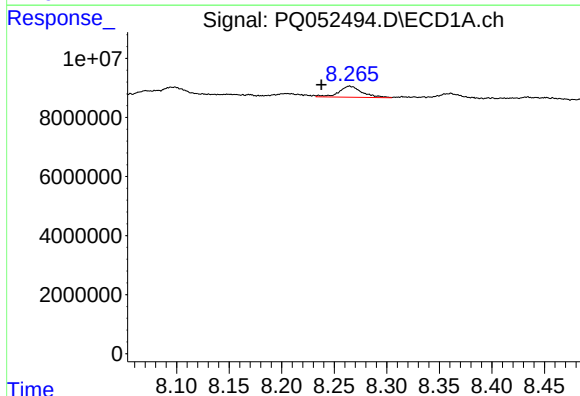
R.T.: 8.361 min
Delta R.T.: -0.006 min
Response: 2645153
Conc: 2.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



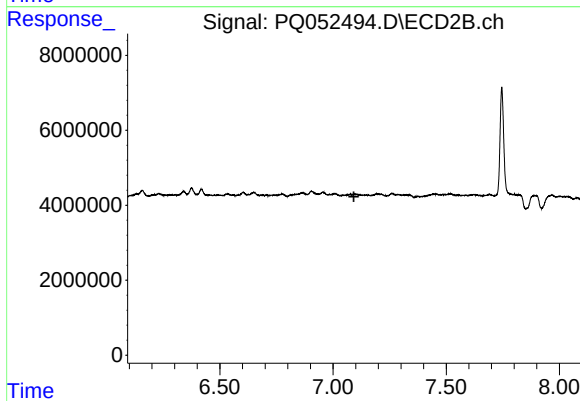
#29 AR-1254-4

R.T.: 7.192 min
Delta R.T.: -0.003 min
Response: 540275
Conc: 1.08 ng/ml



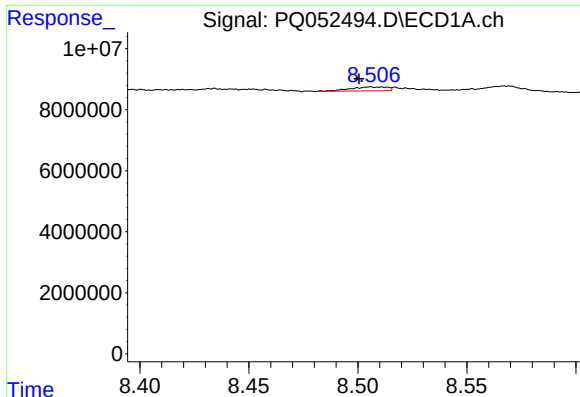
#31 AR-1260-1

R.T.: 8.265 min
Delta R.T.: 0.027 min
Response: 5822780
Conc: 5.58 ng/ml



#31 AR-1260-1

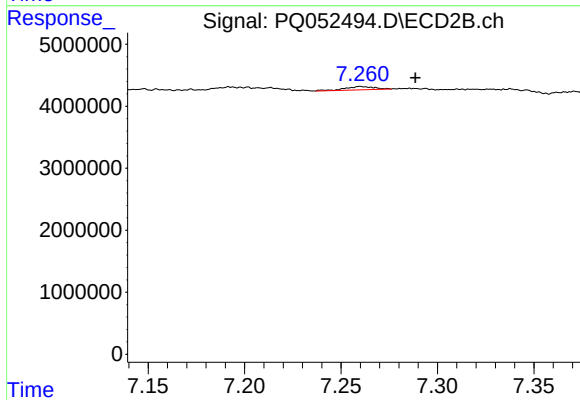
R.T.: 0.000 min
Exp R.T.: 7.092 min
Response: 0
Conc: N.D.



#32 AR-1260-2

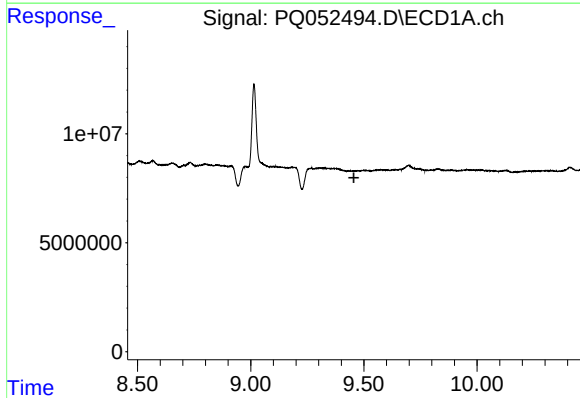
R.T.: 8.506 min
Delta R.T.: 0.005 min
Response: 1539143
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



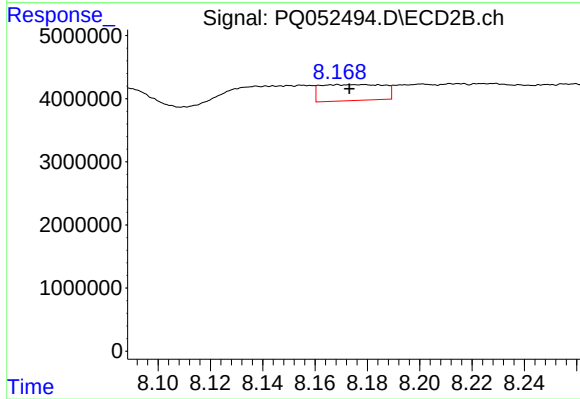
#32 AR-1260-2

R.T.: 7.260 min
Delta R.T.: -0.029 min
Response: 568227
Conc: 0.89 ng/ml



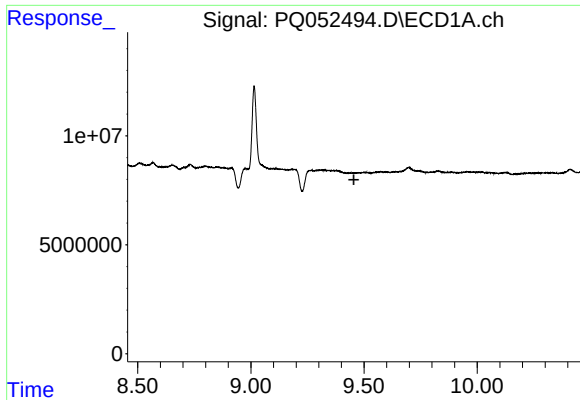
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.456 min
Response: 0
Conc: N.D.



#35 AR-1260-5

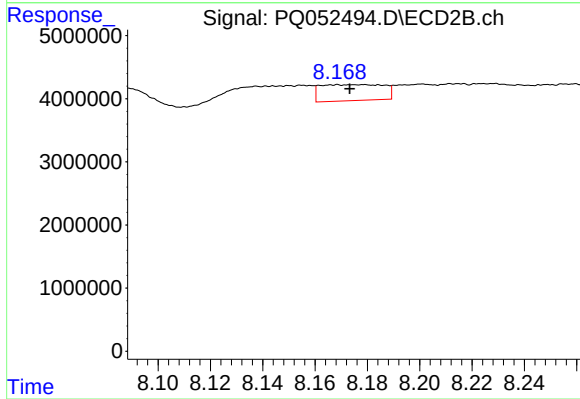
R.T.: 8.169 min
Delta R.T.: -0.004 min
Response: 4261845
Conc: 3.24 ng/ml



#37 AR-1262-2

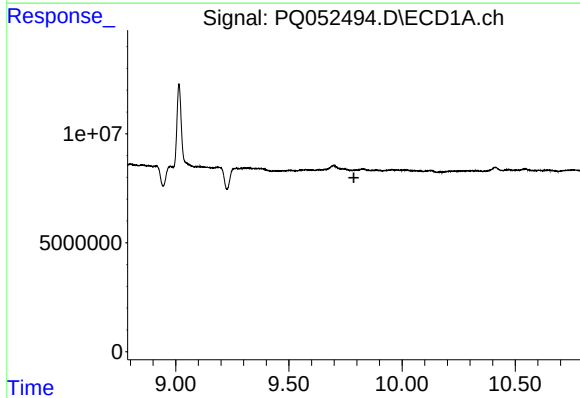
R.T.: 0.000 min
Exp R.T.: 9.455 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



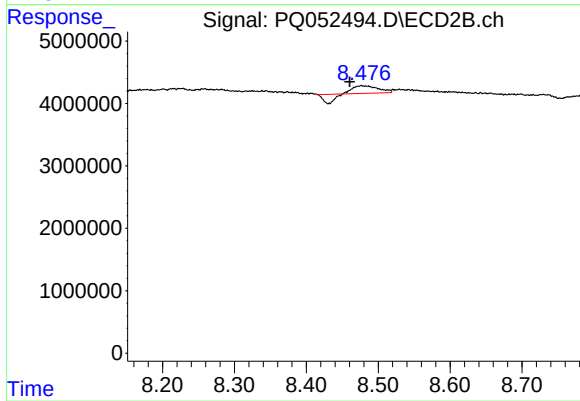
#37 AR-1262-2

R.T.: 8.169 min
Delta R.T.: -0.005 min
Response: 4261845
Conc: 2.88 ng/ml



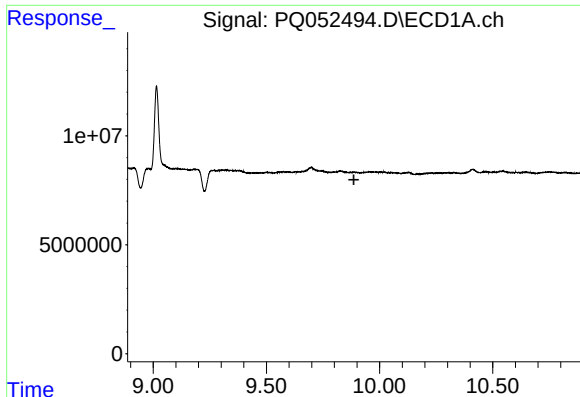
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.787 min
Response: 0
Conc: N.D.



#38 AR-1262-3

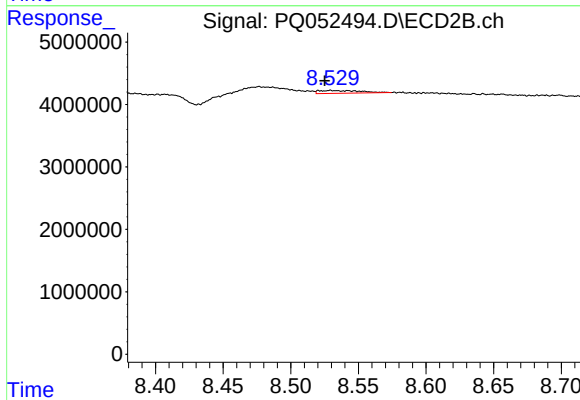
R.T.: 8.477 min
Delta R.T.: 0.016 min
Response: 1685333
Conc: 2.92 ng/ml



#39 AR-1262-4

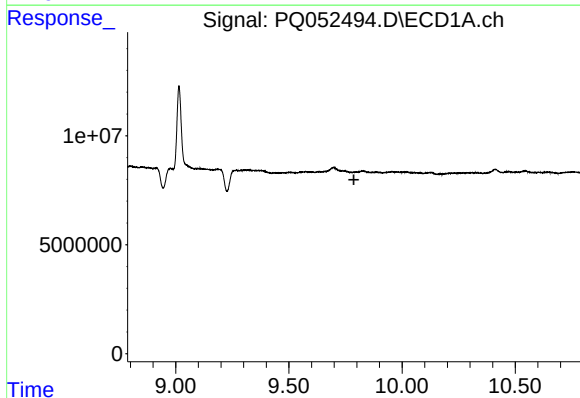
R.T.: 0.000 min
Exp R.T.: 9.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



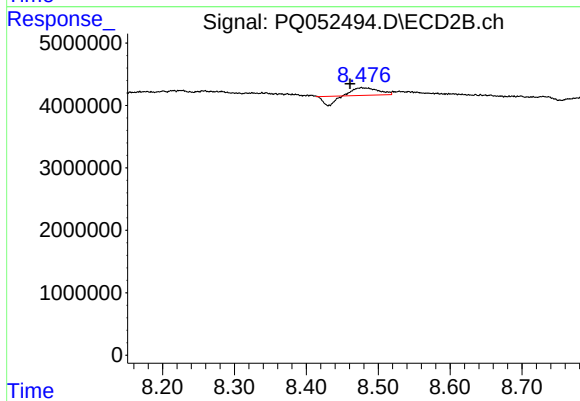
#39 AR-1262-4

R.T.: 8.530 min
Delta R.T.: 0.004 min
Response: 970227
Conc: 0.94 ng/ml



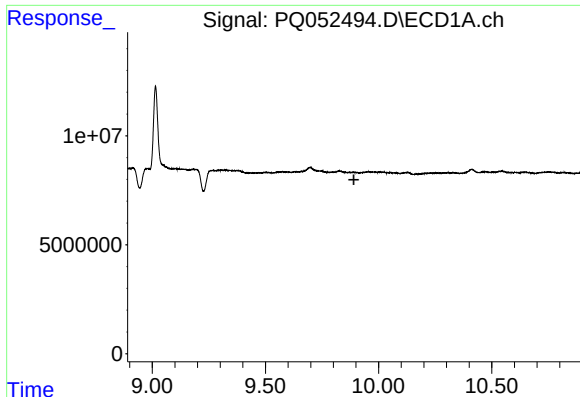
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.787 min
Response: 0
Conc: N.D.



#41 AR-1268-1

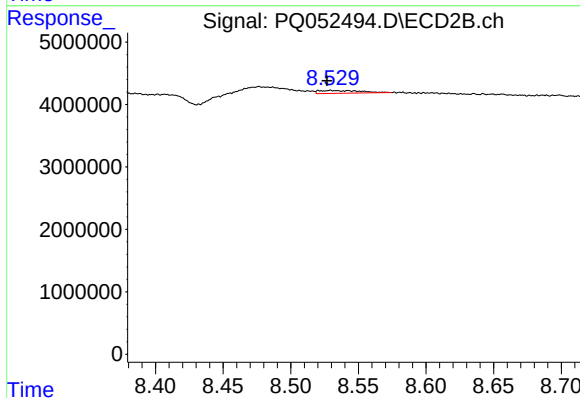
R.T.: 8.477 min
Delta R.T.: 0.016 min
Response: 1685333
Conc: 0.99 ng/ml



#42 AR-1268-2

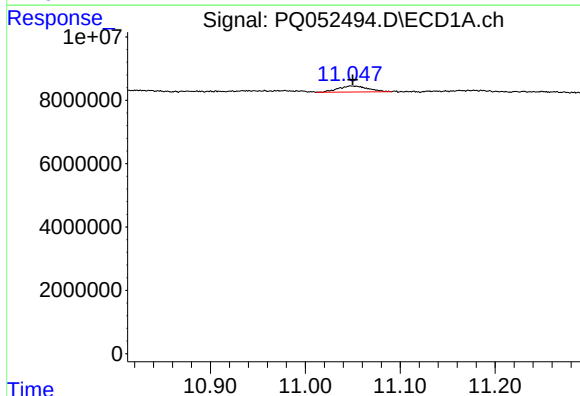
R.T.: 0.000 min
Exp R.T.: 9.891 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



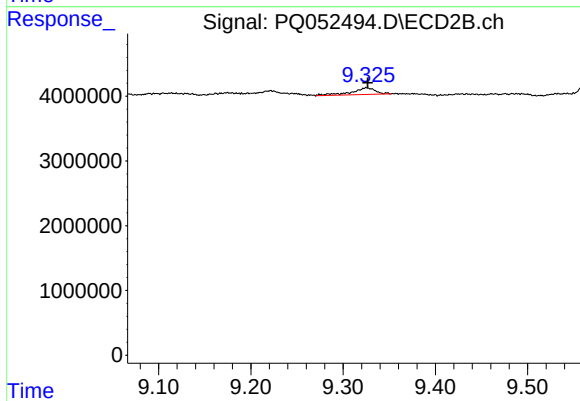
#42 AR-1268-2

R.T.: 8.530 min
Delta R.T.: 0.003 min
Response: 970227
Conc: 0.64 ng/ml



#45 AR-1268-5

R.T.: 11.048 min
Delta R.T.: -0.002 min
Response: 4213588
Conc: 0.47 ng/ml



#45 AR-1268-5

R.T.: 9.325 min
Delta R.T.: -0.001 min
Response: 1836205
Conc: 0.47 ng/ml