

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082521\
 Data File : PQ054293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 12:39
 Operator : AJ\MA
 Sample : M3531-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 13:13:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 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...	5.203	4.210	372.4E6	248.7E6	15.947	17.595
2)	SA Decachlor...	11.378	9.546	189.2E6	142.8E6	11.244	11.324
Target Compounds							
3)	L1 AR-1016-1	6.544f	5.460	4390746	2084945	5.990	4.606
4)	L1 AR-1016-2	6.544	5.499	4390746	3132183	3.909	4.226
5)	L1 AR-1016-3	0.000	5.706f	0	2111252	N.D.	5.856 #
6)	L1 AR-1016-4	0.000	5.733	0	1192122	N.D.	4.177 #
7)	L1 AR-1016-5	0.000	5.966	0	1447874	N.D.	3.974 #
8)	L2 AR-1221-1	0.000	4.488f	0	1396873	N.D.	9.804 #
9)	L2 AR-1221-2	5.559	4.541f	11578802	62071305	63.920	588.402 #
12)	L3 AR-1232-2	6.232	5.499	8048434	3132183	34.646	10.815 #
13)	L3 AR-1232-3	6.544	5.706f	4390746	2111252	10.232	15.913 #
14)	L3 AR-1232-4	0.000	5.799f	0	1200935	N.D.	10.524 #
15)	L3 AR-1232-5	0.000	5.966	0	1447874	N.D.	11.266 #
16)	L4 AR-1242-1	6.544	5.460	4390746	2084945	9.562	7.668
17)	L4 AR-1242-2	6.544	5.499	4390746	3132183	6.230	6.655
18)	L4 AR-1242-3	0.000	5.706f	0	2111252	N.D.	9.570 #
19)	L4 AR-1242-4	0.000	5.799f	0	1200935	N.D.	5.551 #
20)	L4 AR-1242-5	0.000	6.345	0	5367693	N.D.	18.094 #
21)	L5 AR-1248-1	6.544f	5.460	4390746	2084945	11.836	9.241
22)	L5 AR-1248-2	0.000	5.733	0	1192122	N.D.	3.632 #
23)	L5 AR-1248-3	0.000	5.799f	0	1200935	N.D.	3.632 #
24)	L5 AR-1248-4	7.472	5.966	1479136	1447874	2.227	3.648 #
26)	L6 AR-1254-1	7.439	6.345	5862006	5367693	8.294	8.027
27)	L6 AR-1254-2	7.669	6.501	6461633	2816580	5.901	4.581
28)	L6 AR-1254-3	8.050	6.922	14790965	13122753	12.577	13.591
29)	L6 AR-1254-4	8.341	7.162	10713014	1865289	12.155	2.799 #
30)	L6 AR-1254-5	8.797f	7.589	73402250	60600936	75.221	62.133
31)	L7 AR-1260-1	8.215	7.059	89639037	13519468	91.297	18.036 #
32)	L7 AR-1260-2	8.478	7.255	28935068	6214039	25.485	5.949 #
33)	L7 AR-1260-3	8.842	7.409	7946808	8786587	11.234	10.096
34)	L7 AR-1260-4	9.081	7.893	14987755	5012662	16.942	8.051 #
35)	L7 AR-1260-5	9.431	8.141	11218514	10268182	6.664	5.993
36)	L8 AR-1262-1	8.842	7.589	7946808	60600936	8.034	134.093 #
37)	L8 AR-1262-2	9.431	8.141	11218514	10268182	6.215	5.453
38)	L8 AR-1262-3	9.788f	8.428	6915708	2322998	5.644	3.026 #
39)	L8 AR-1262-4	0.000	8.490	0	8071856	N.D.	6.457 #
40)	L8 AR-1262-5	10.573	8.993	1211685	3560859	1.828	6.170 #
41)	L9 AR-1268-1	9.788f	8.428	6915708	2322998	3.279	1.030 #
42)	L9 AR-1268-2	0.000	8.490	0	8071856	N.D.	4.321 #
43)	L9 AR-1268-3	10.105	8.702	10591175	2154521	6.579	1.289 #
44)	L9 AR-1268-4	10.573	8.993	1211685	3560859	1.657	5.460 #

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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
45) L9	AR-1268-5	11.019	9.290	13879478	6411450	2.545	1.361 #

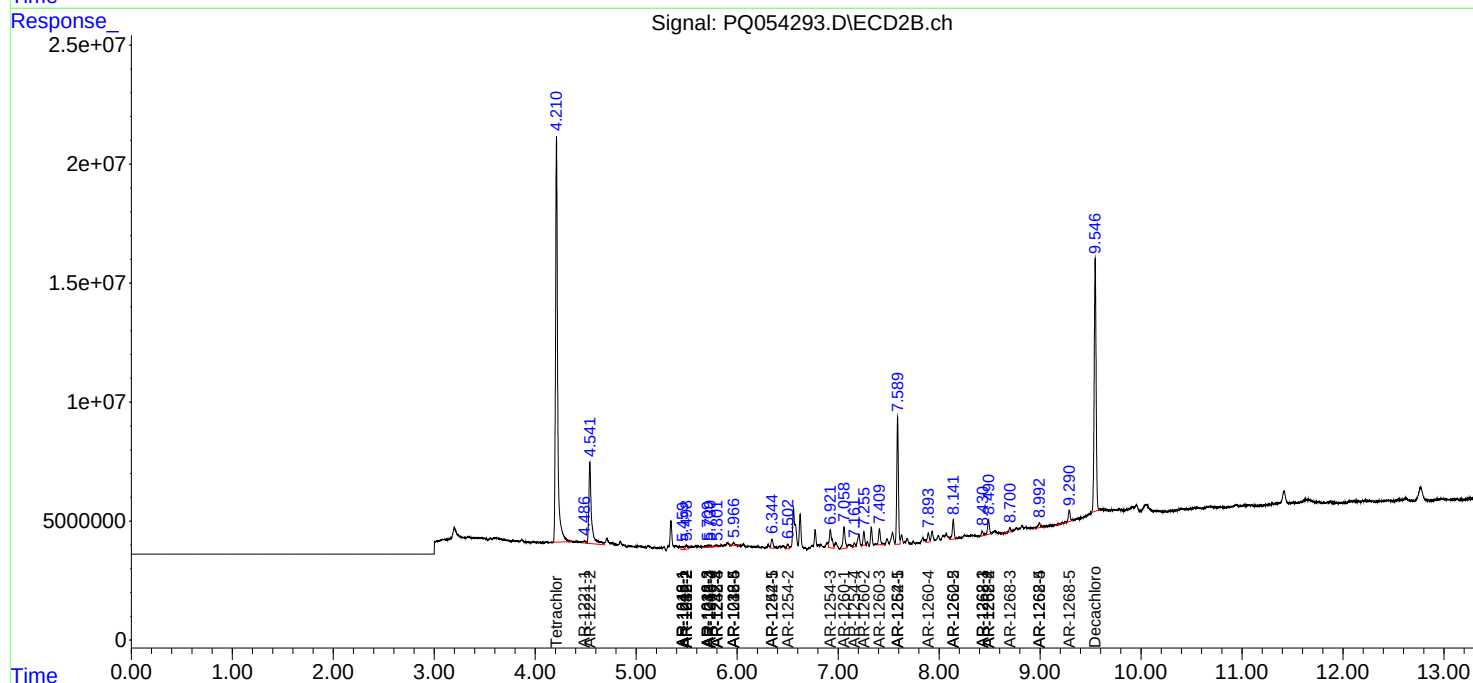
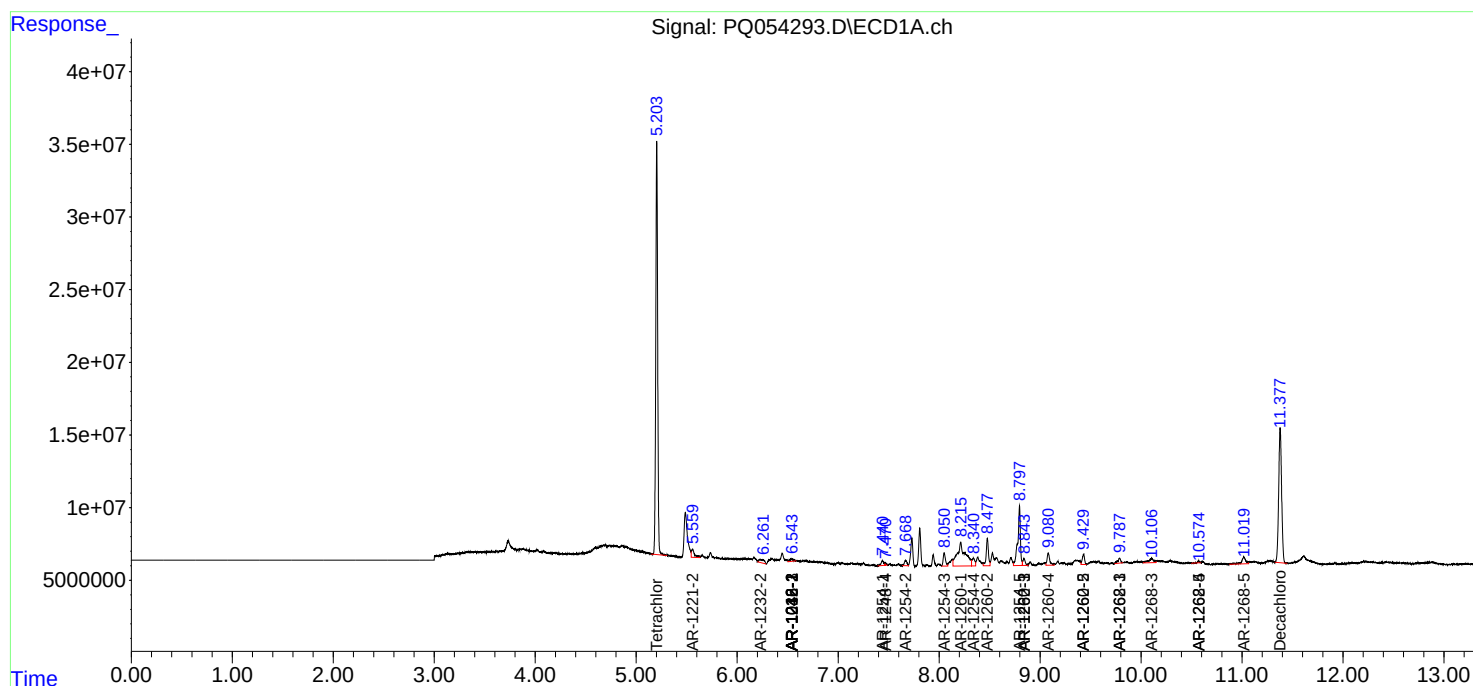
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

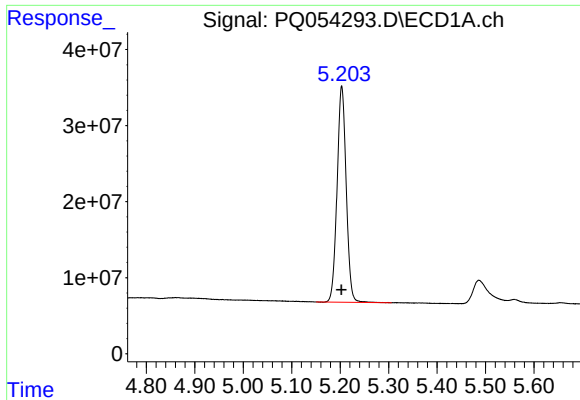
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082521\
Data File : PQ054293.D
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

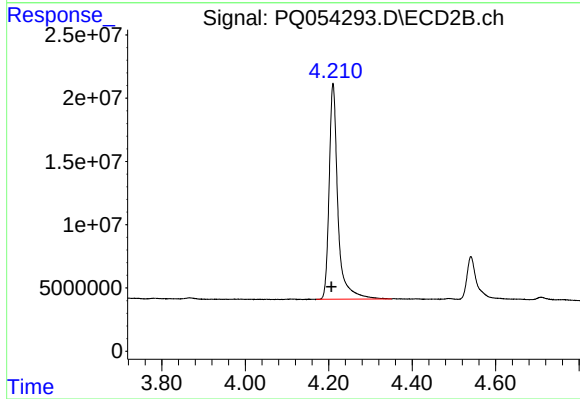




#1 Tetrachloro-m-xylene

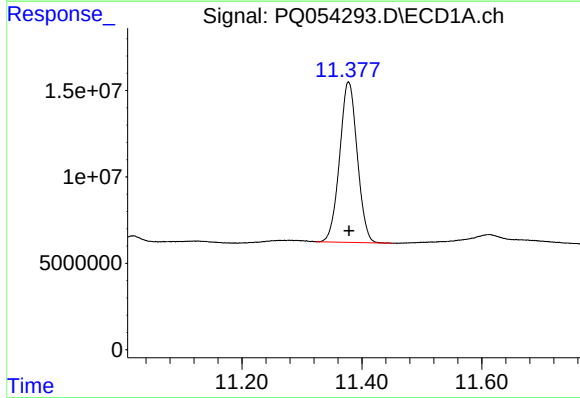
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 372395707
Conc: 15.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



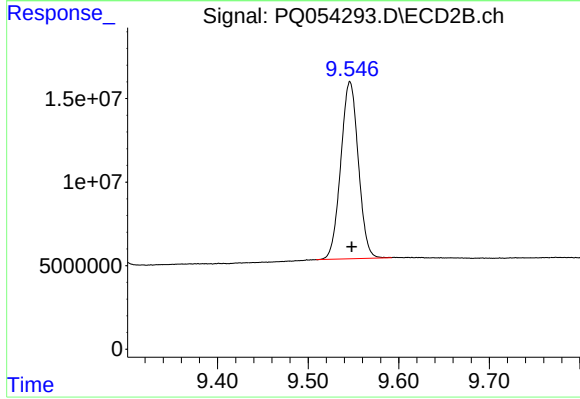
#1 Tetrachloro-m-xylene

R.T.: 4.210 min
Delta R.T.: 0.004 min
Response: 248737975
Conc: 17.59 ng/ml



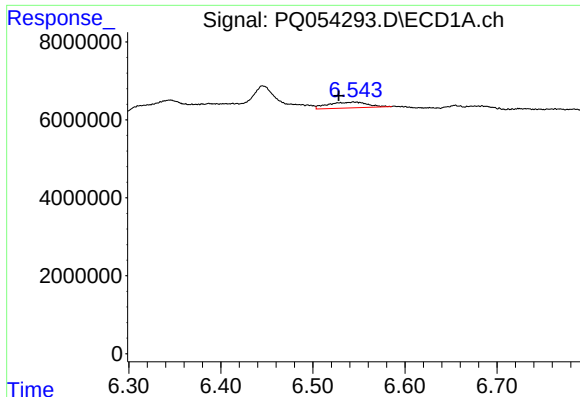
#2 Decachlorobiphenyl

R.T.: 11.378 min
Delta R.T.: -0.001 min
Response: 189197167
Conc: 11.24 ng/ml



#2 Decachlorobiphenyl

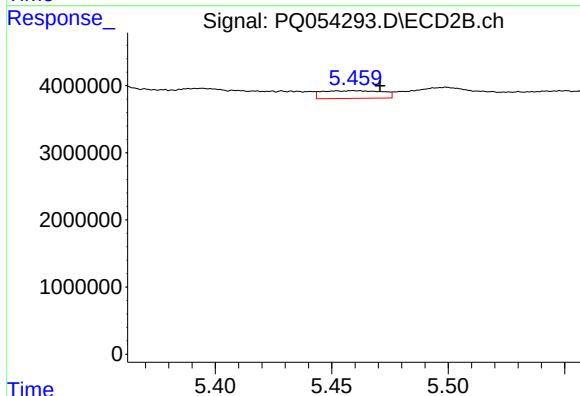
R.T.: 9.546 min
Delta R.T.: -0.002 min
Response: 142836395
Conc: 11.32 ng/ml



#3 AR-1016-1

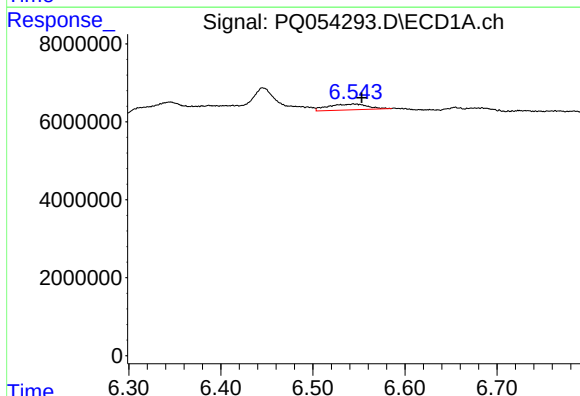
R.T.: 6.544 min
Delta R.T.: 0.016 min
Response: 4390746
Conc: 5.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



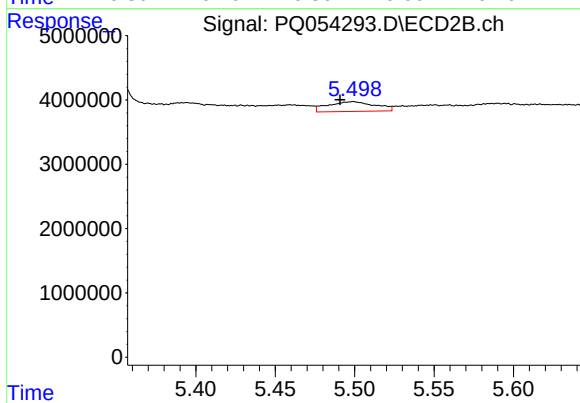
#3 AR-1016-1

R.T.: 5.460 min
Delta R.T.: -0.011 min
Response: 2084945
Conc: 4.61 ng/ml



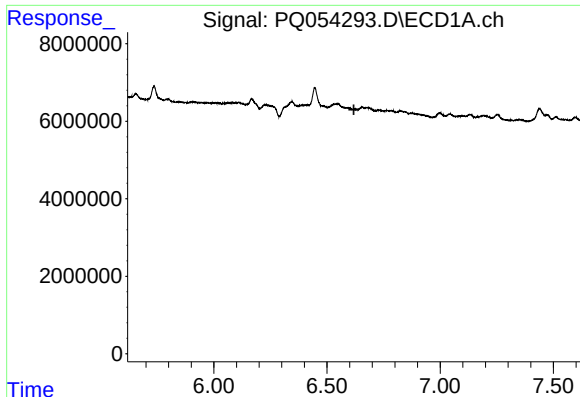
#4 AR-1016-2

R.T.: 6.544 min
Delta R.T.: -0.009 min
Response: 4390746
Conc: 3.91 ng/ml



#4 AR-1016-2

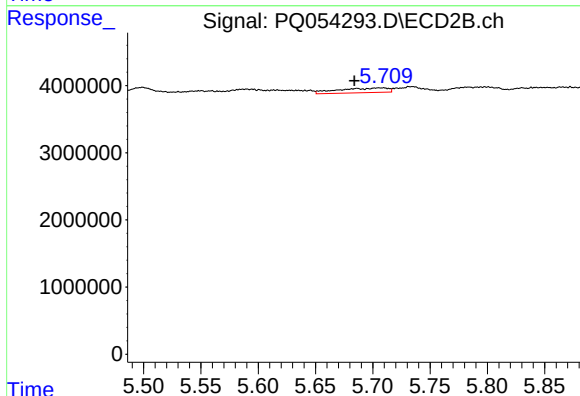
R.T.: 5.499 min
Delta R.T.: 0.008 min
Response: 3132183
Conc: 4.23 ng/ml



#5 AR-1016-3

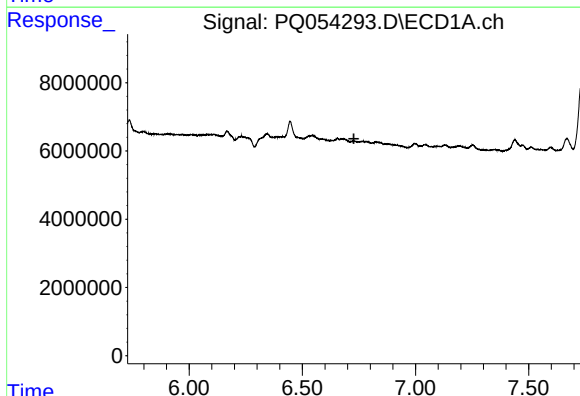
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



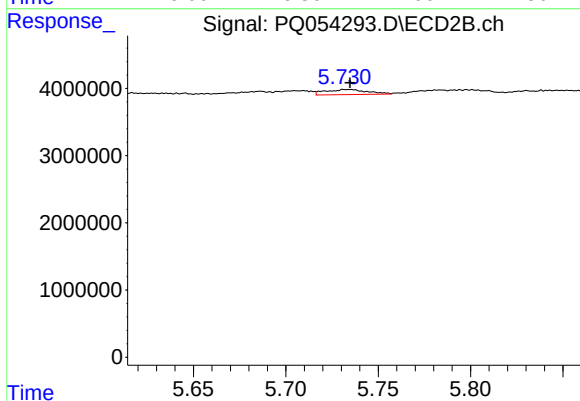
#5 AR-1016-3

R.T.: 5.706 min
Delta R.T.: 0.022 min
Response: 2111252
Conc: 5.86 ng/ml



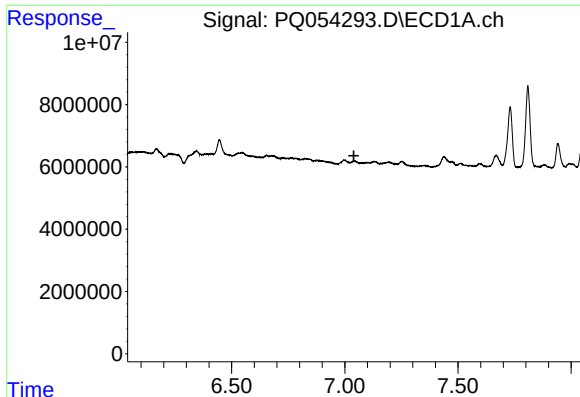
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

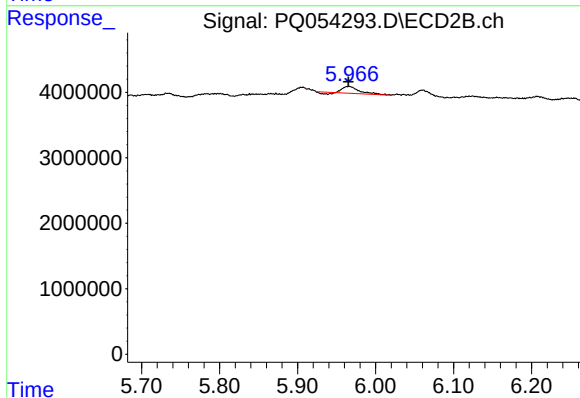
R.T.: 5.733 min
Delta R.T.: -0.001 min
Response: 1192122
Conc: 4.18 ng/ml



#7 AR-1016-5

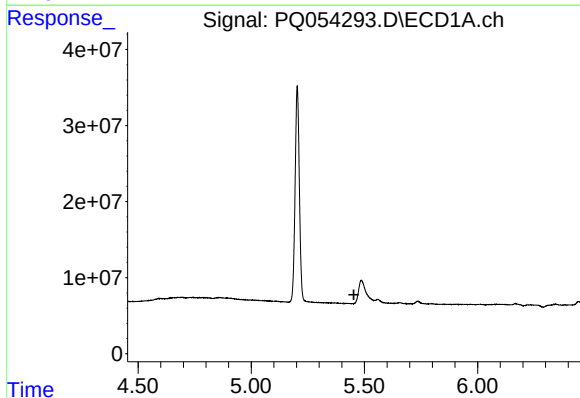
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



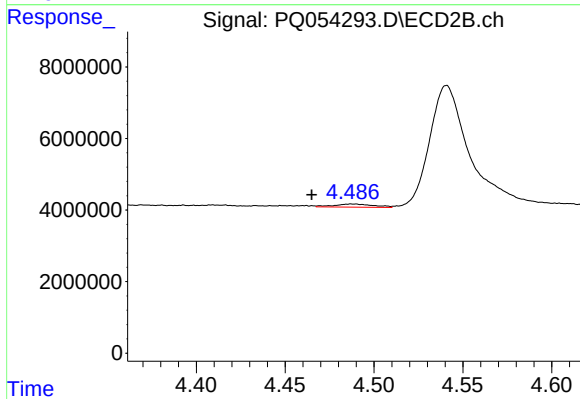
#7 AR-1016-5

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 1447874
Conc: 3.97 ng/ml



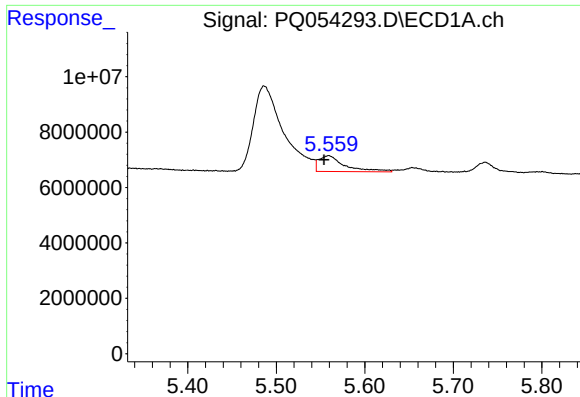
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.454 min
Response: 0
Conc: N.D.



#8 AR-1221-1

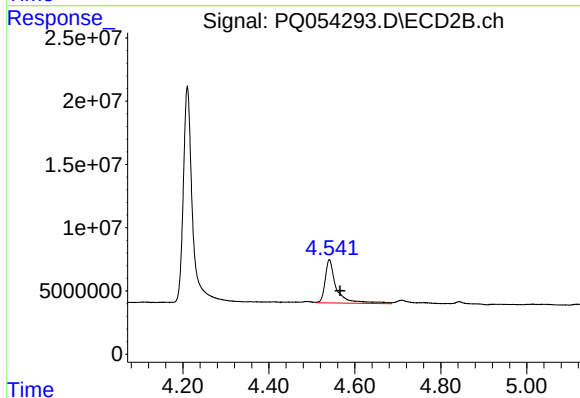
R.T.: 4.488 min
Delta R.T.: 0.023 min
Response: 1396873
Conc: 9.80 ng/ml



#9 AR-1221-2

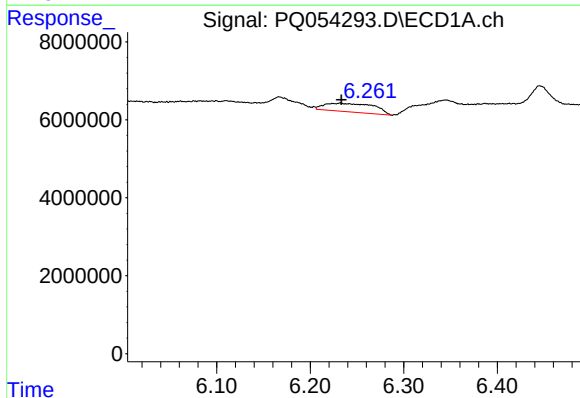
R.T.: 5.559 min
Delta R.T.: 0.005 min
Response: 11578802
Conc: 63.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



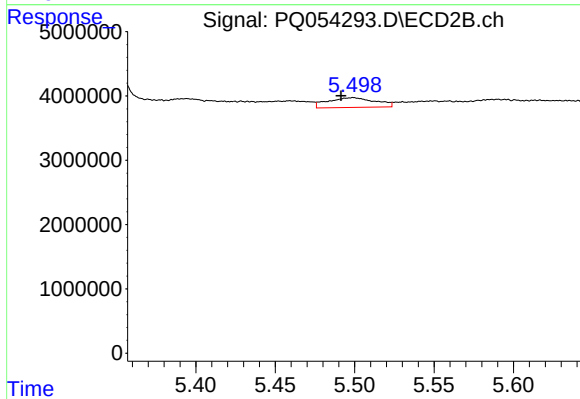
#9 AR-1221-2

R.T.: 4.541 min
Delta R.T.: -0.025 min
Response: 62071305
Conc: 588.40 ng/ml



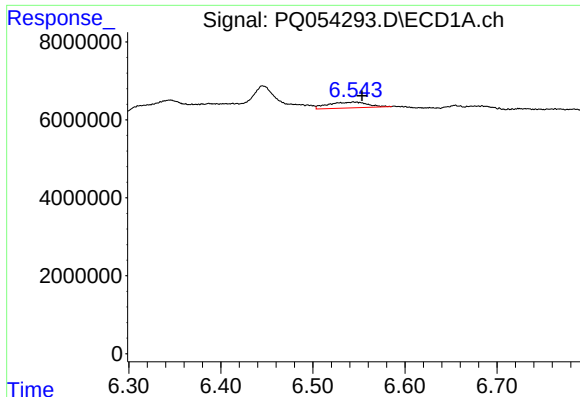
#12 AR-1232-2

R.T.: 6.232 min
Delta R.T.: -0.001 min
Response: 8048434
Conc: 34.65 ng/ml



#12 AR-1232-2

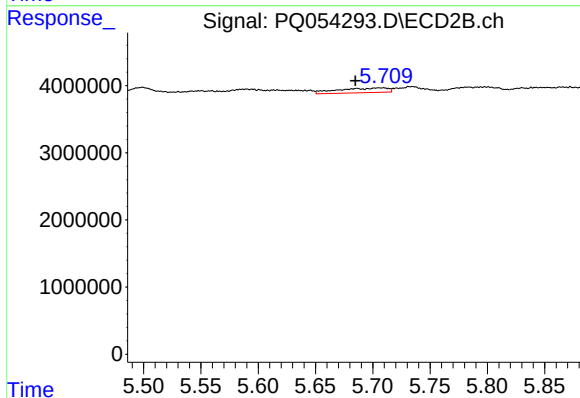
R.T.: 5.499 min
Delta R.T.: 0.007 min
Response: 3132183
Conc: 10.81 ng/ml



#13 AR-1232-3

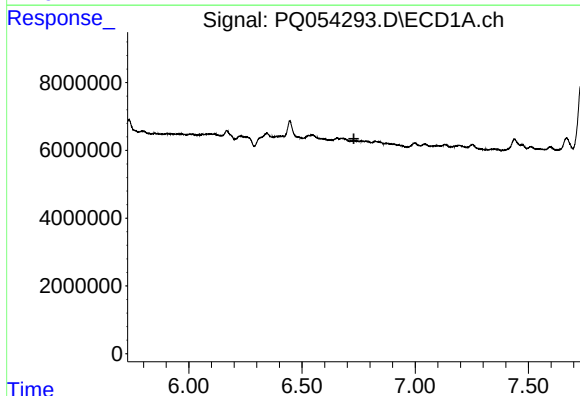
R.T.: 6.544 min
Delta R.T.: -0.009 min
Response: 4390746
Conc: 10.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



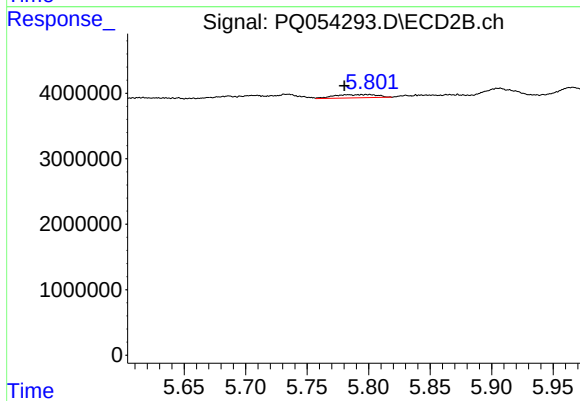
#13 AR-1232-3

R.T.: 5.706 min
Delta R.T.: 0.021 min
Response: 2111252
Conc: 15.91 ng/ml



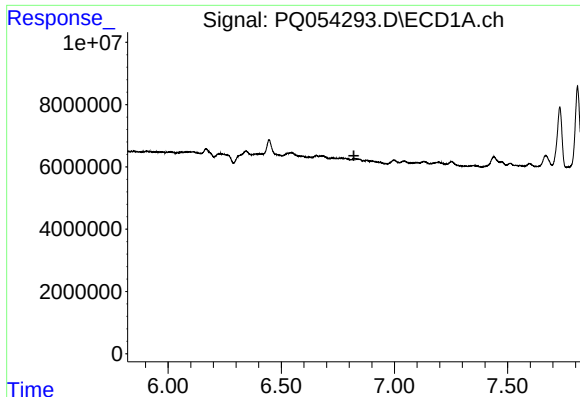
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



#14 AR-1232-4

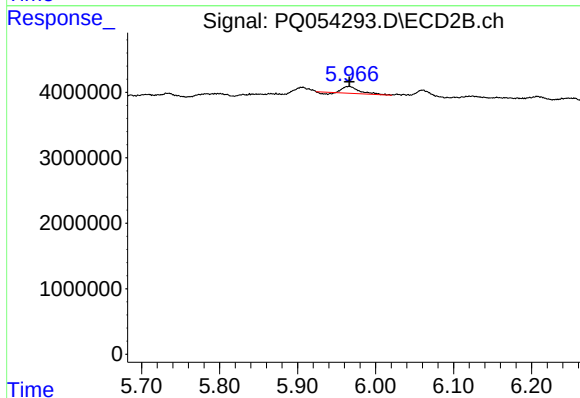
R.T.: 5.799 min
Delta R.T.: 0.019 min
Response: 1200935
Conc: 10.52 ng/ml



#15 AR-1232-5

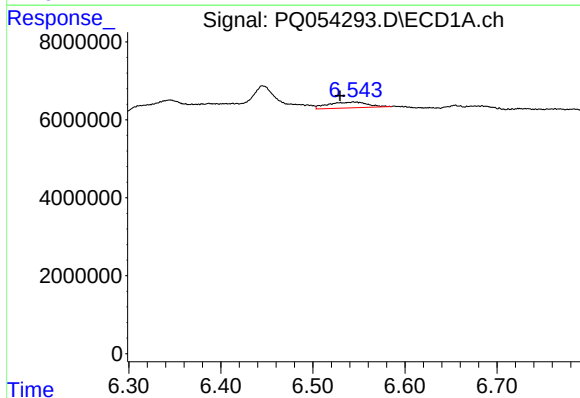
R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



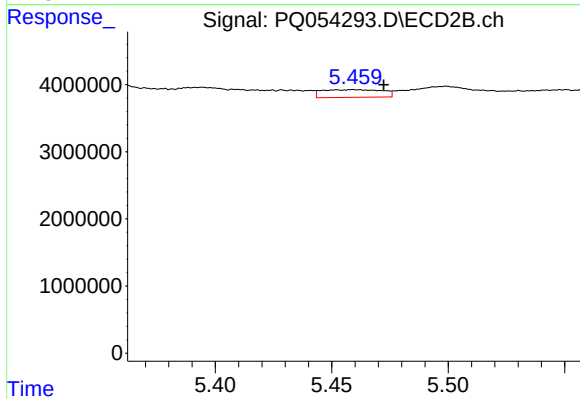
#15 AR-1232-5

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 1447874
Conc: 11.27 ng/ml



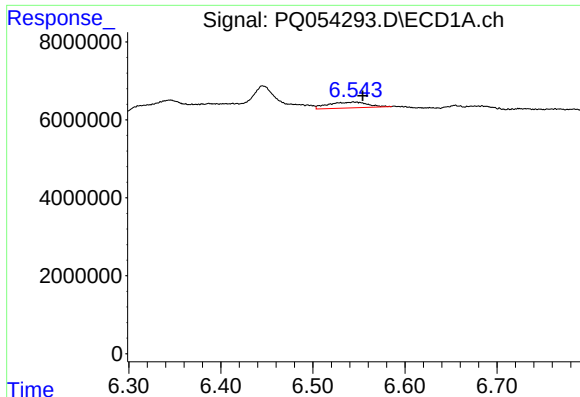
#16 AR-1242-1

R.T.: 6.544 min
Delta R.T.: 0.015 min
Response: 4390746
Conc: 9.56 ng/ml



#16 AR-1242-1

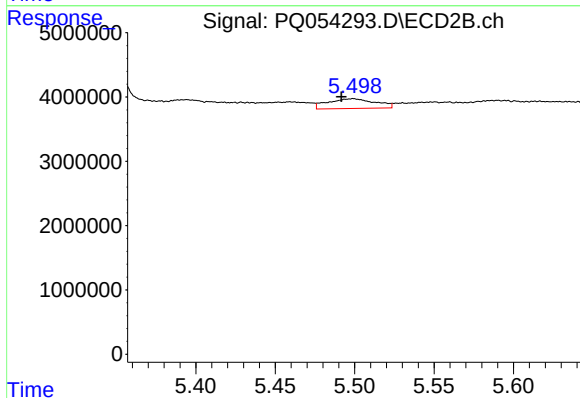
R.T.: 5.460 min
Delta R.T.: -0.013 min
Response: 2084945
Conc: 7.67 ng/ml



#17 AR-1242-2

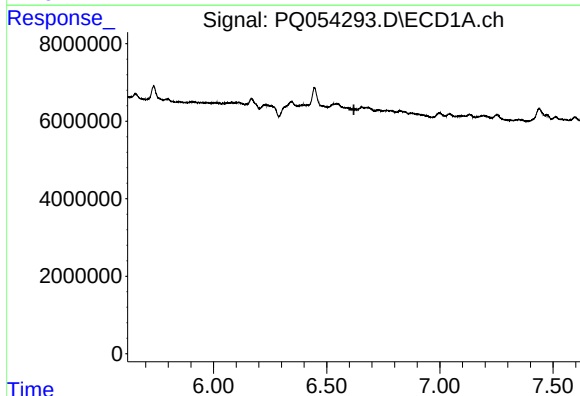
R.T.: 6.544 min
Delta R.T.: -0.010 min
Response: 4390746
Conc: 6.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



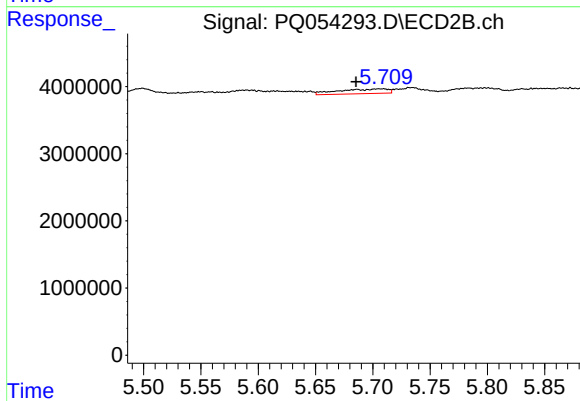
#17 AR-1242-2

R.T.: 5.499 min
Delta R.T.: 0.007 min
Response: 3132183
Conc: 6.65 ng/ml



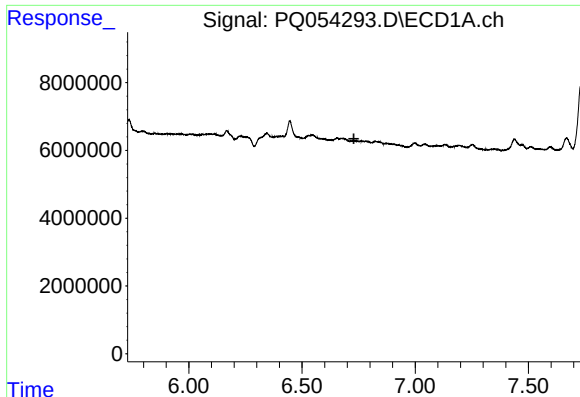
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.620 min
Response: 0
Conc: N.D.



#18 AR-1242-3

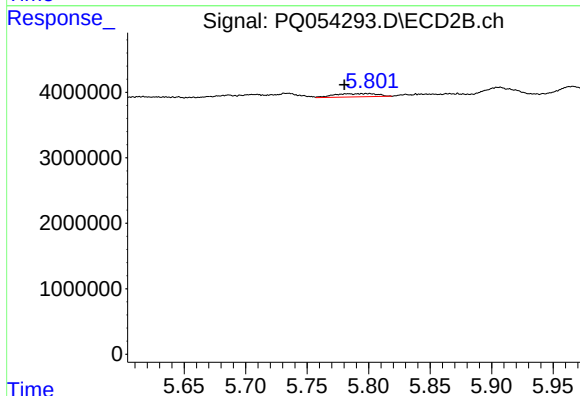
R.T.: 5.706 min
Delta R.T.: 0.020 min
Response: 2111252
Conc: 9.57 ng/ml



#19 AR-1242-4

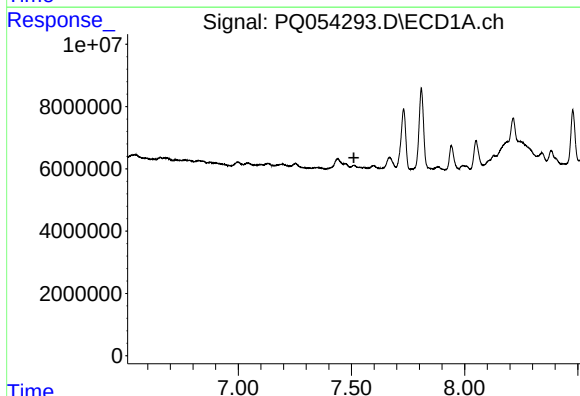
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



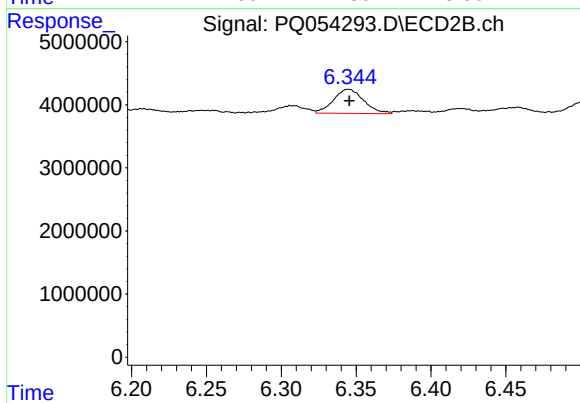
#19 AR-1242-4

R.T.: 5.799 min
Delta R.T.: 0.018 min
Response: 1200935
Conc: 5.55 ng/ml



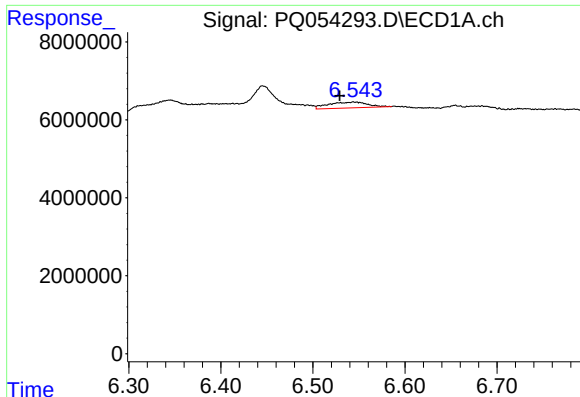
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.511 min
Response: 0
Conc: N.D.



#20 AR-1242-5

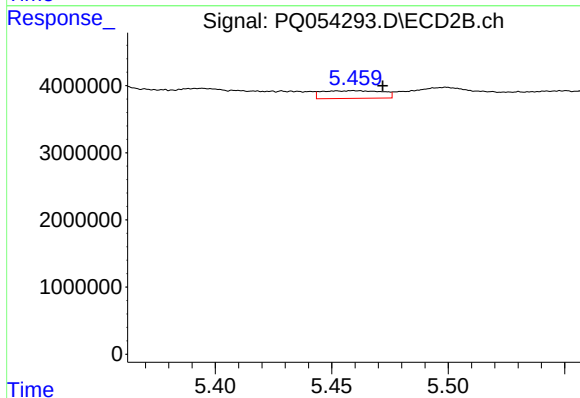
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 5367693
Conc: 18.09 ng/ml



#21 AR-1248-1

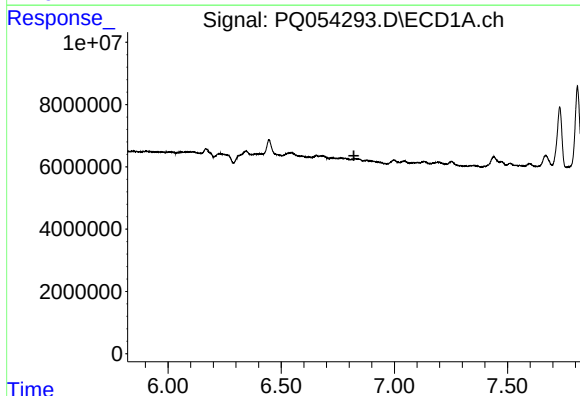
R.T.: 6.544 min
Delta R.T.: 0.015 min
Response: 4390746
Conc: 11.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



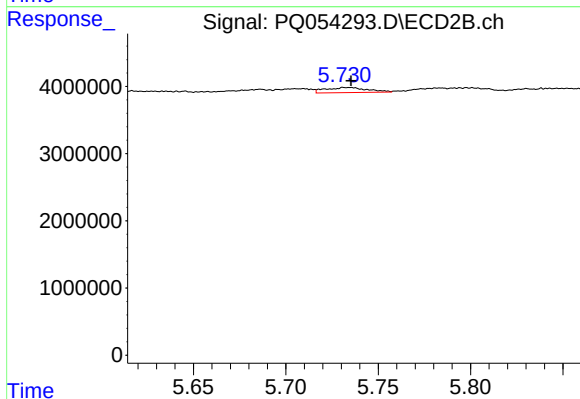
#21 AR-1248-1

R.T.: 5.460 min
Delta R.T.: -0.012 min
Response: 2084945
Conc: 9.24 ng/ml



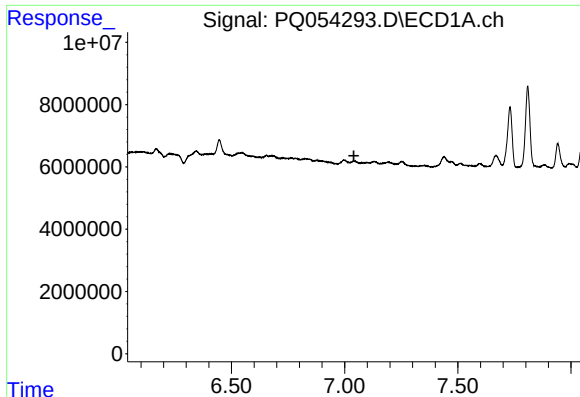
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.821 min
Response: 0
Conc: N.D.



#22 AR-1248-2

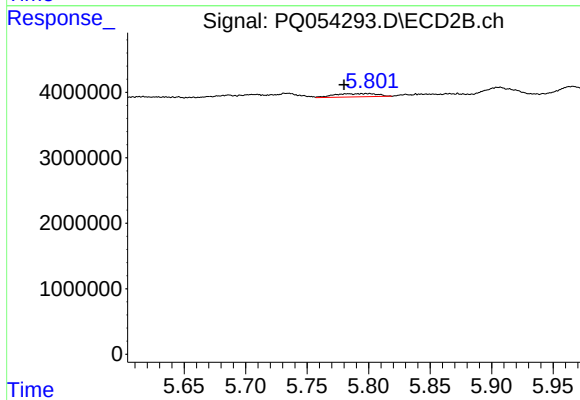
R.T.: 5.733 min
Delta R.T.: -0.002 min
Response: 1192122
Conc: 3.63 ng/ml



#23 AR-1248-3

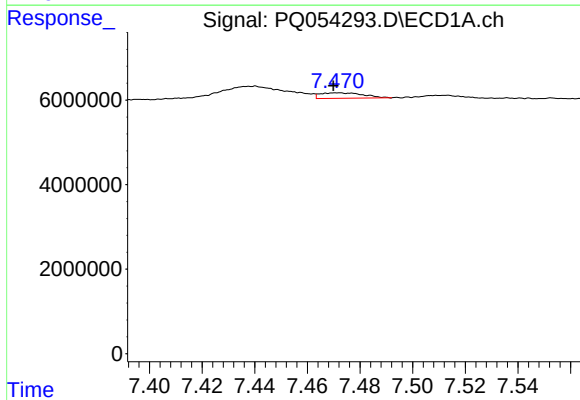
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



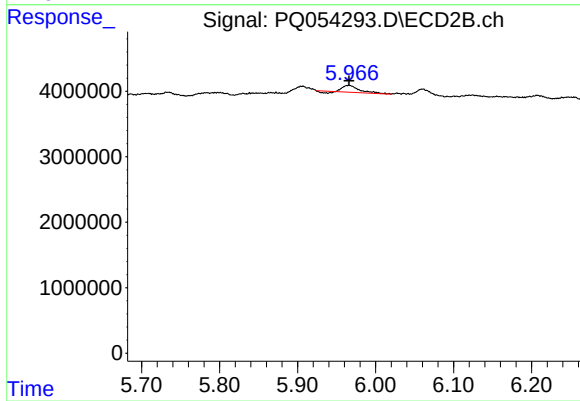
#23 AR-1248-3

R.T.: 5.799 min
Delta R.T.: 0.019 min
Response: 1200935
Conc: 3.63 ng/ml



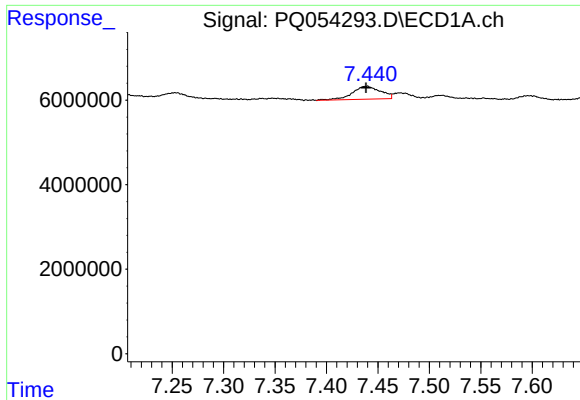
#24 AR-1248-4

R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 1479136
Conc: 2.23 ng/ml



#24 AR-1248-4

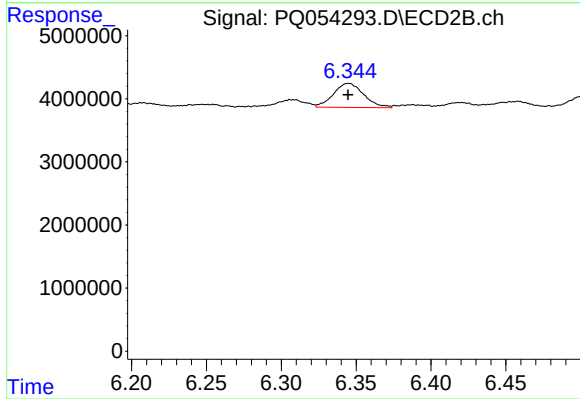
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 1447874
Conc: 3.65 ng/ml



#26 AR-1254-1

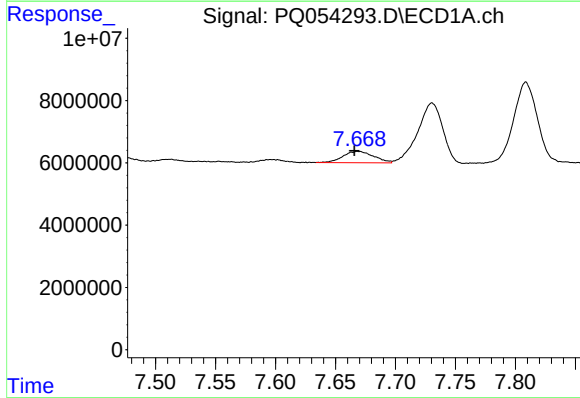
R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 5862006
Conc: 8.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



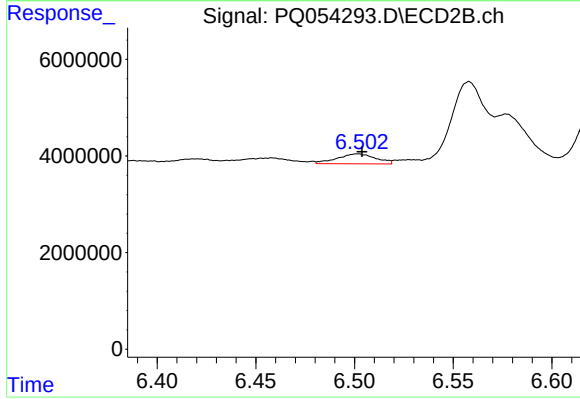
#26 AR-1254-1

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 5367693
Conc: 8.03 ng/ml



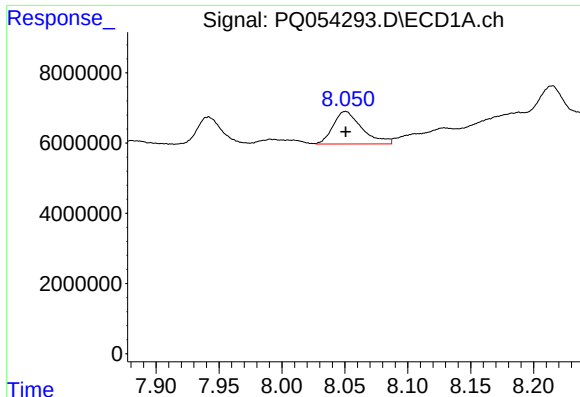
#27 AR-1254-2

R.T.: 7.669 min
Delta R.T.: 0.003 min
Response: 6461633
Conc: 5.90 ng/ml



#27 AR-1254-2

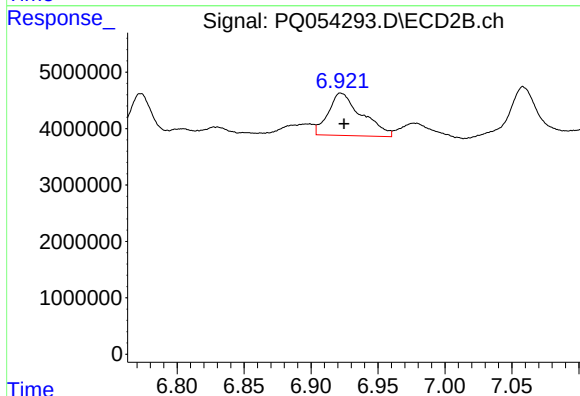
R.T.: 6.501 min
Delta R.T.: -0.002 min
Response: 2816580
Conc: 4.58 ng/ml



#28 AR-1254-3

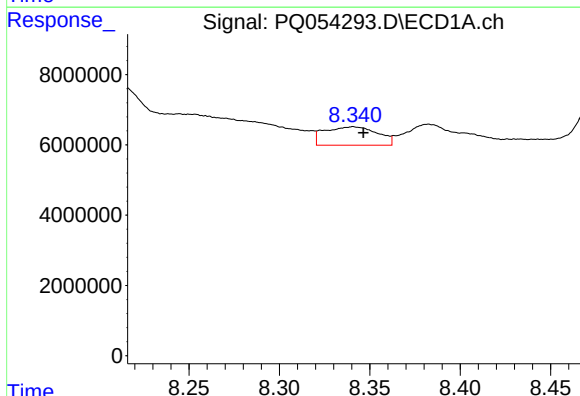
R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 14790965
Conc: 12.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



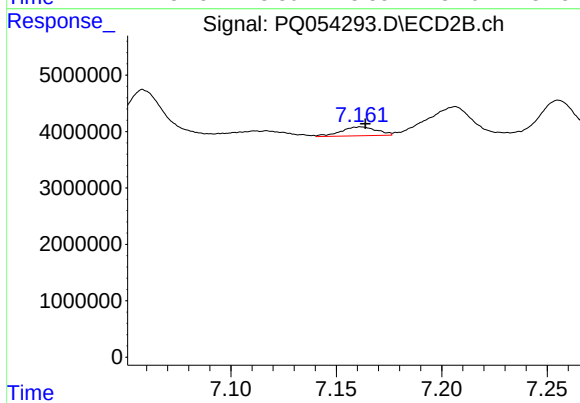
#28 AR-1254-3

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 13122753
Conc: 13.59 ng/ml



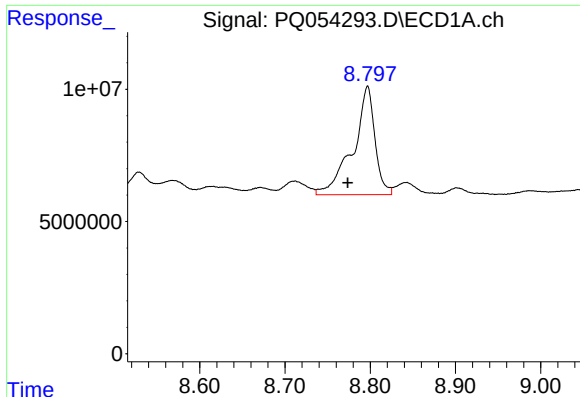
#29 AR-1254-4

R.T.: 8.341 min
Delta R.T.: -0.006 min
Response: 10713014
Conc: 12.16 ng/ml



#29 AR-1254-4

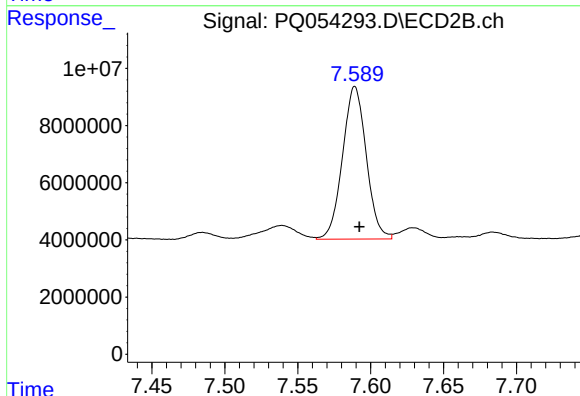
R.T.: 7.162 min
Delta R.T.: -0.002 min
Response: 1865289
Conc: 2.80 ng/ml



#30 AR-1254-5

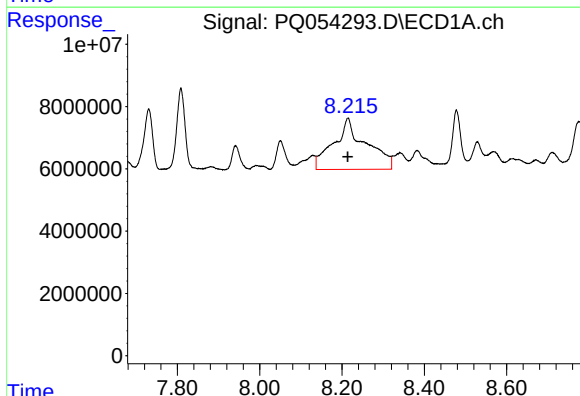
R.T.: 8.797 min
Delta R.T.: 0.023 min
Response: 73402250
Conc: 75.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



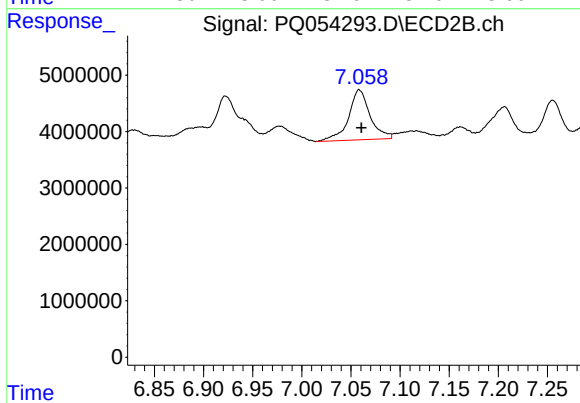
#30 AR-1254-5

R.T.: 7.589 min
Delta R.T.: -0.003 min
Response: 60600936
Conc: 62.13 ng/ml



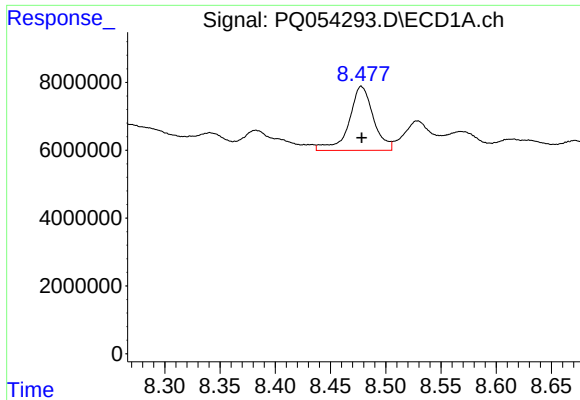
#31 AR-1260-1

R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 89639037
Conc: 91.30 ng/ml



#31 AR-1260-1

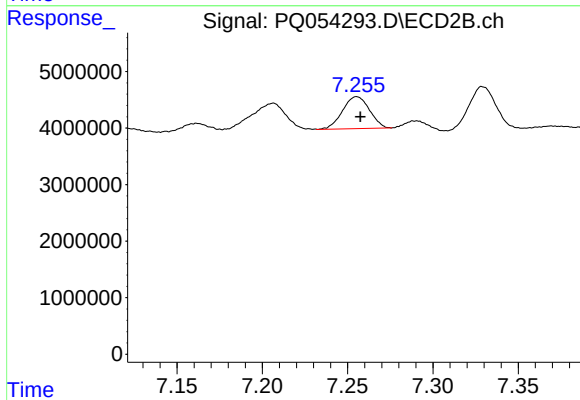
R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 13519468
Conc: 18.04 ng/ml



#32 AR-1260-2

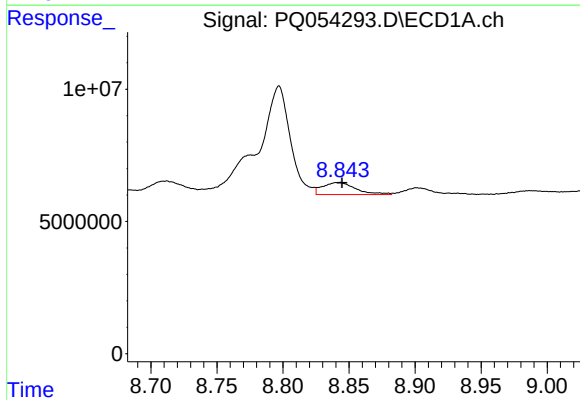
R.T.: 8.478 min
Delta R.T.: 0.000 min
Response: 28935068
Conc: 25.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



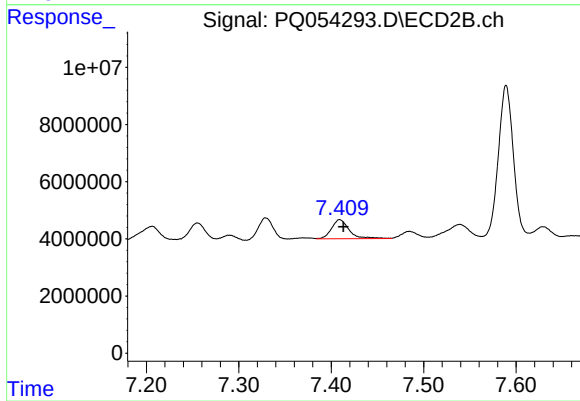
#32 AR-1260-2

R.T.: 7.255 min
Delta R.T.: -0.002 min
Response: 6214039
Conc: 5.95 ng/ml



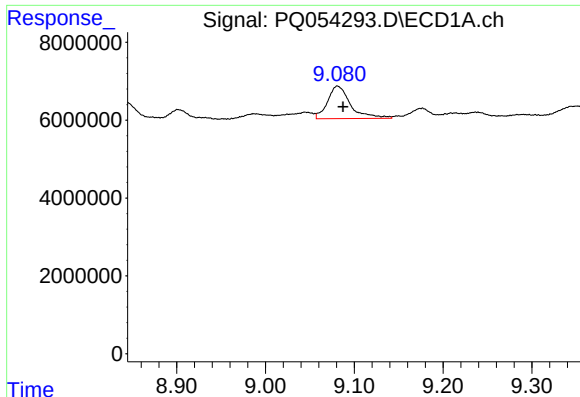
#33 AR-1260-3

R.T.: 8.842 min
Delta R.T.: -0.002 min
Response: 7946808
Conc: 11.23 ng/ml



#33 AR-1260-3

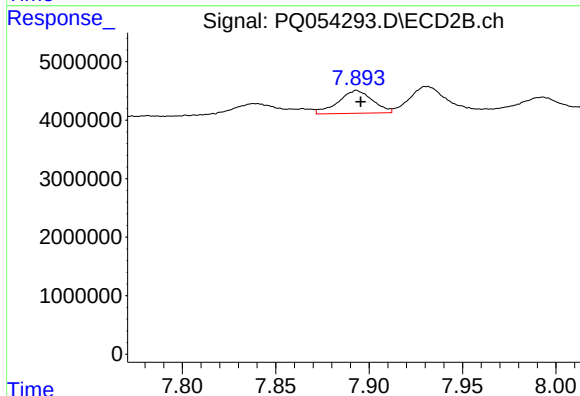
R.T.: 7.409 min
Delta R.T.: -0.004 min
Response: 8786587
Conc: 10.10 ng/ml



#34 AR-1260-4

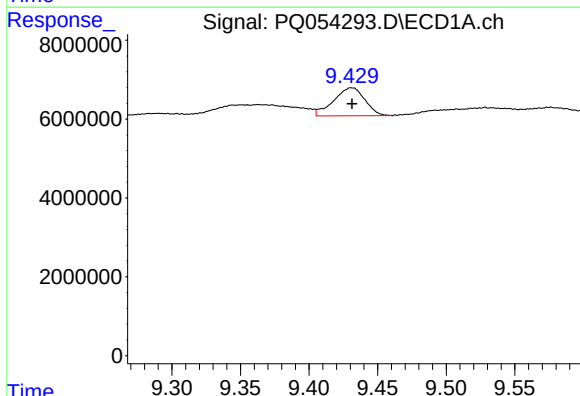
R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 14987755
Conc: 16.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



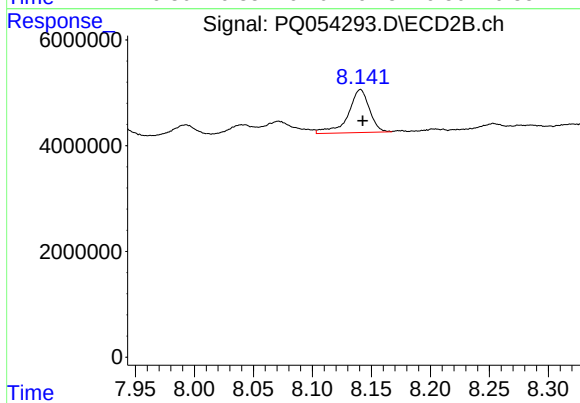
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.002 min
Response: 5012662
Conc: 8.05 ng/ml



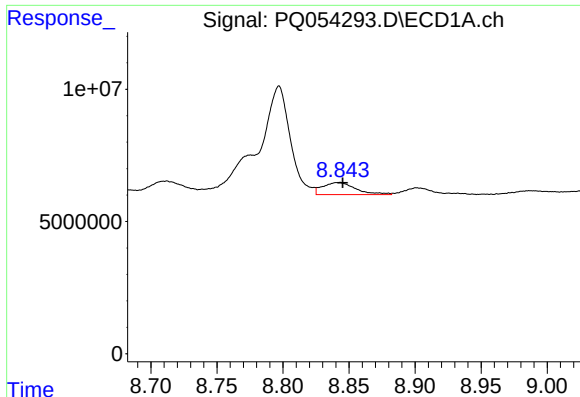
#35 AR-1260-5

R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 11218514
Conc: 6.66 ng/ml



#35 AR-1260-5

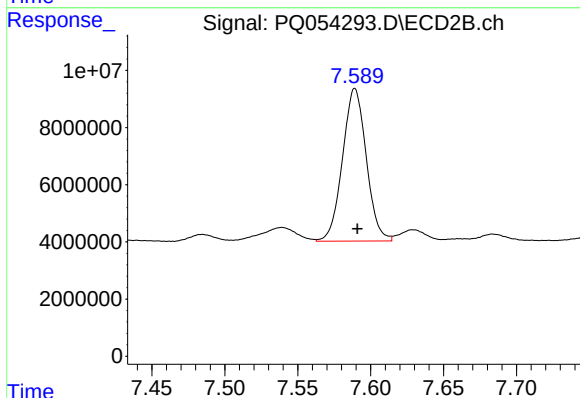
R.T.: 8.141 min
Delta R.T.: -0.002 min
Response: 10268182
Conc: 5.99 ng/ml



#36 AR-1262-1

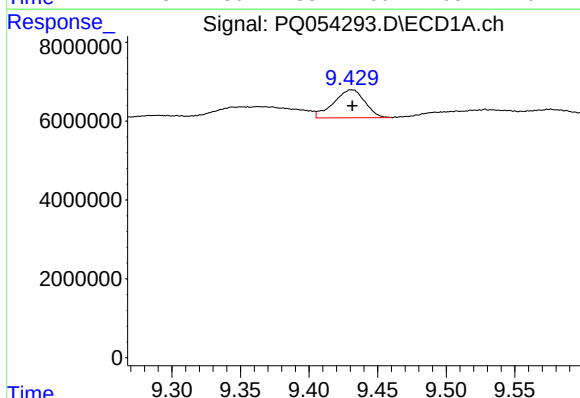
R.T.: 8.842 min
Delta R.T.: -0.003 min
Response: 7946808
Conc: 8.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



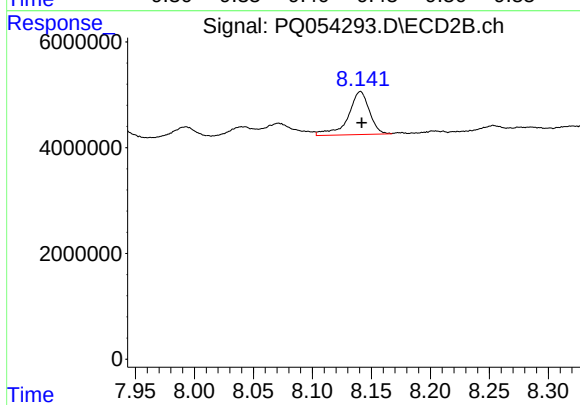
#36 AR-1262-1

R.T.: 7.589 min
Delta R.T.: -0.002 min
Response: 60600936
Conc: 134.09 ng/ml



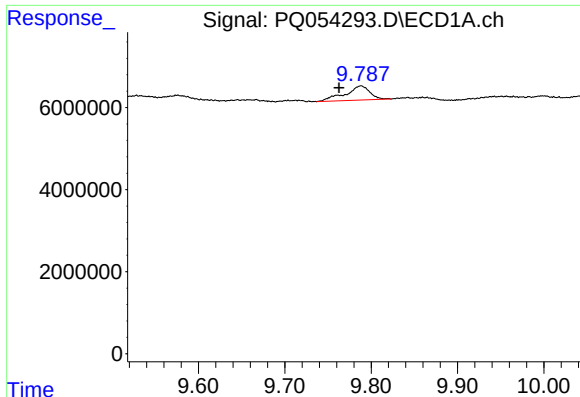
#37 AR-1262-2

R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 11218514
Conc: 6.21 ng/ml



#37 AR-1262-2

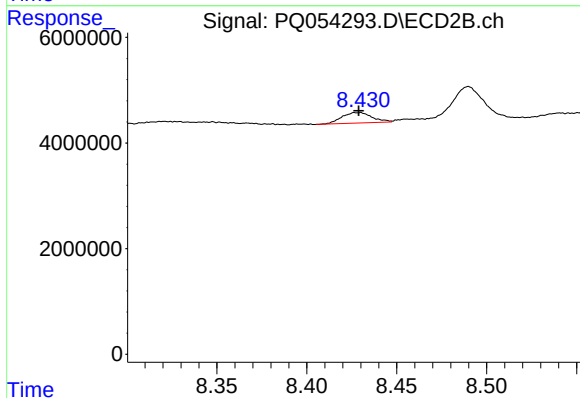
R.T.: 8.141 min
Delta R.T.: -0.001 min
Response: 10268182
Conc: 5.45 ng/ml



#38 AR-1262-3

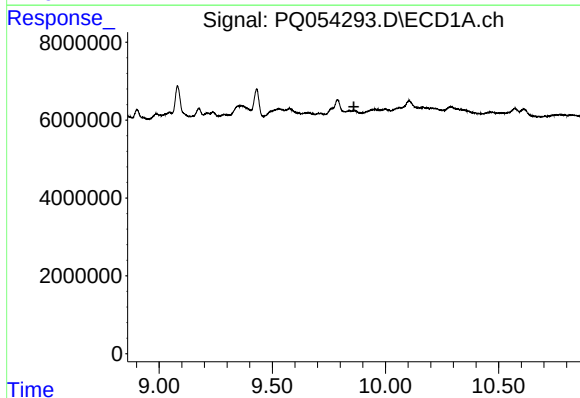
R.T.: 9.788 min
Delta R.T.: 0.025 min
Response: 6915708
Conc: 5.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



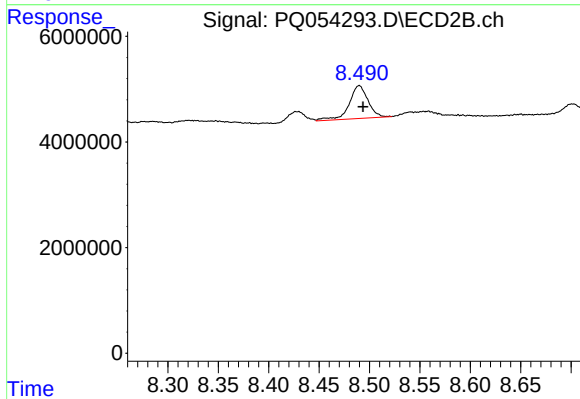
#38 AR-1262-3

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 2322998
Conc: 3.03 ng/ml



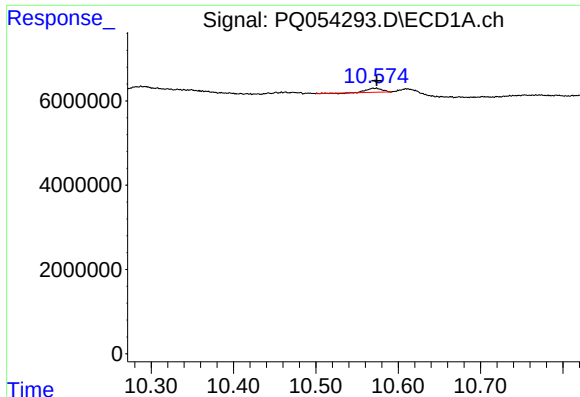
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.861 min
Response: 0
Conc: N.D.



#39 AR-1262-4

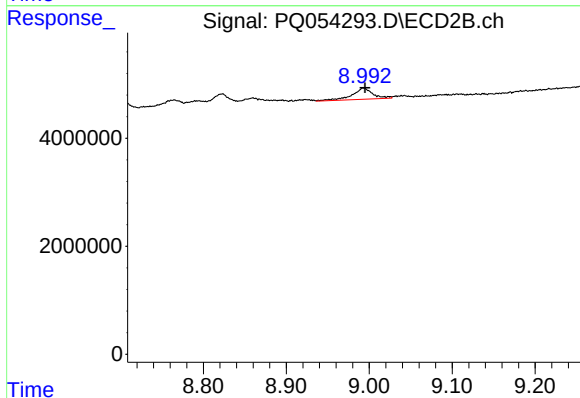
R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 8071856
Conc: 6.46 ng/ml



#40 AR-1262-5

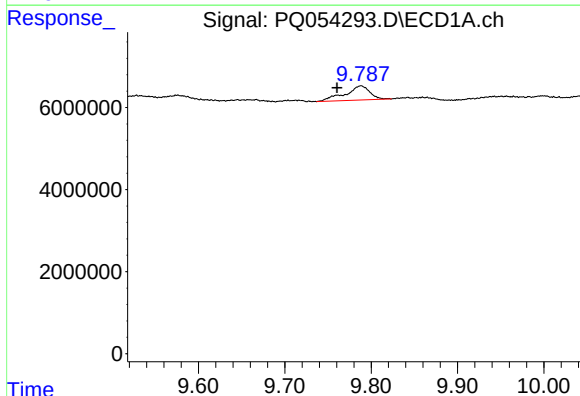
R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 1211685
Conc: 1.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



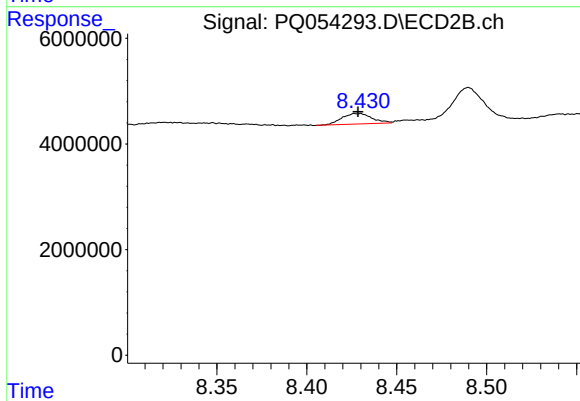
#40 AR-1262-5

R.T.: 8.993 min
Delta R.T.: -0.002 min
Response: 3560859
Conc: 6.17 ng/ml



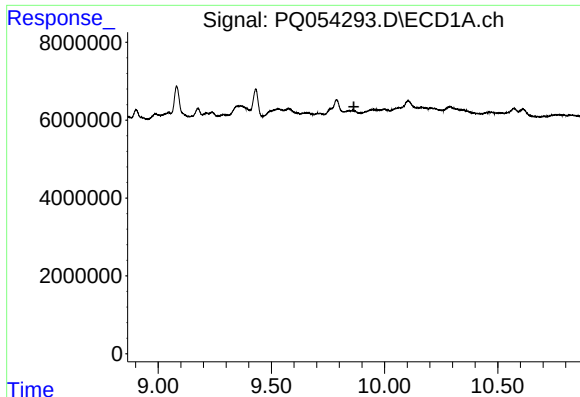
#41 AR-1268-1

R.T.: 9.788 min
Delta R.T.: 0.028 min
Response: 6915708
Conc: 3.28 ng/ml



#41 AR-1268-1

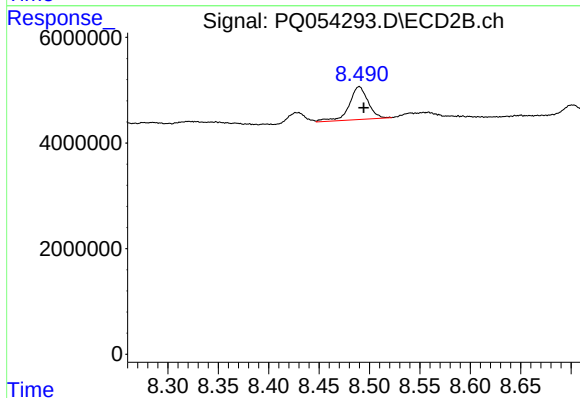
R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 2322998
Conc: 1.03 ng/ml



#42 AR-1268-2

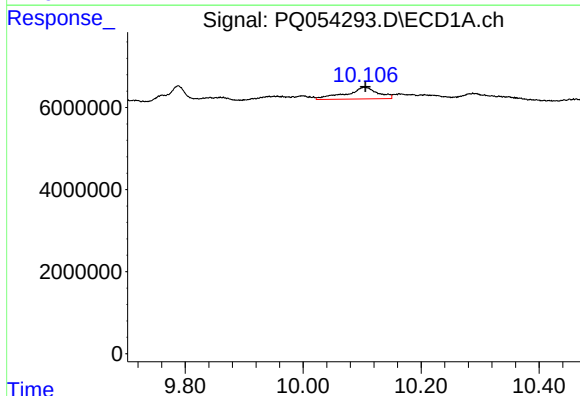
R.T.: 0.000 min
Exp R.T.: 9.864 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



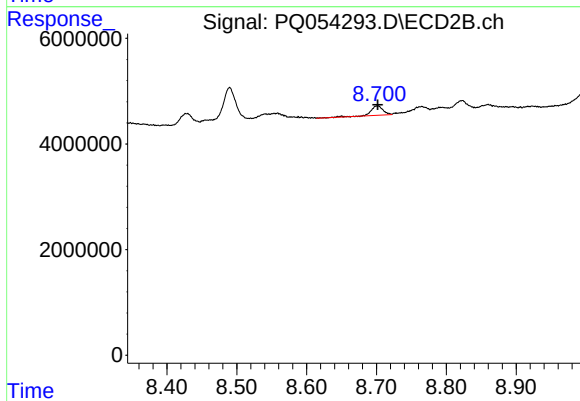
#42 AR-1268-2

R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 8071856
Conc: 4.32 ng/ml



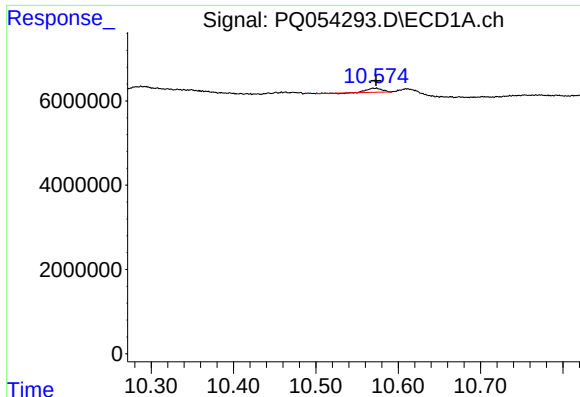
#43 AR-1268-3

R.T.: 10.105 min
Delta R.T.: 0.000 min
Response: 10591175
Conc: 6.58 ng/ml



#43 AR-1268-3

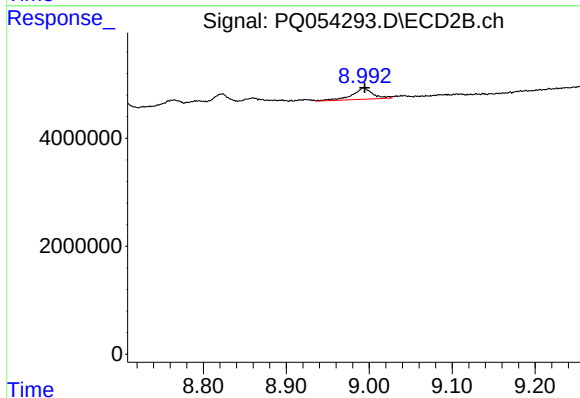
R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 2154521
Conc: 1.29 ng/ml



#44 AR-1268-4

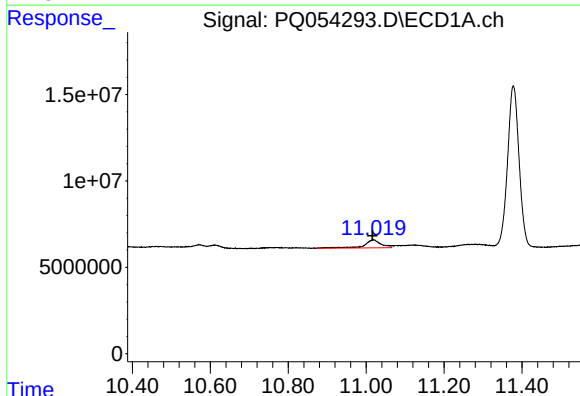
R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 1211685
Conc: 1.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



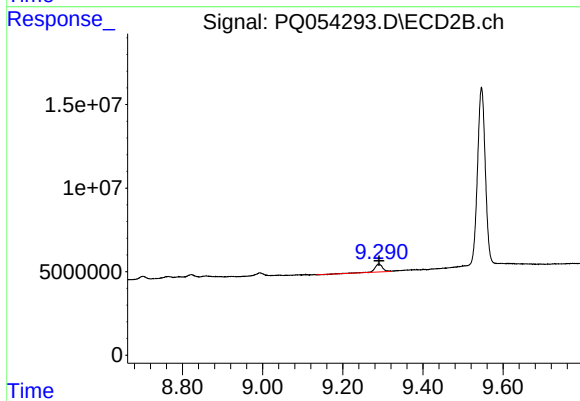
#44 AR-1268-4

R.T.: 8.993 min
Delta R.T.: -0.001 min
Response: 3560859
Conc: 5.46 ng/ml



#45 AR-1268-5

R.T.: 11.019 min
Delta R.T.: 0.003 min
Response: 13879478
Conc: 2.55 ng/ml



#45 AR-1268-5

R.T.: 9.290 min
Delta R.T.: 0.000 min
Response: 6411450
Conc: 1.36 ng/ml