

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 02:05
 Operator : AJ\MA
 Sample : M4068-08
 Misc : AR1268 LOQ 50 PPB
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 02:30:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 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...	5.245	4.319	266.6E6	156.6E6	15.165	15.225
2)	SA Decachlor...	11.435	9.724	333.8E6	174.4E6	21.161	19.472
Target Compounds							
3)	L1 AR-1016-1	0.000	5.616f	0	828741	N.D.	2.312 #
4)	L1 AR-1016-2	0.000	5.616	0	828741	N.D.	1.610 #
5)	L1 AR-1016-3	0.000	5.819	0	536520	N.D.	2.003 #
6)	L1 AR-1016-4	0.000	5.856	0	215309	N.D.	0.993 #
7)	L1 AR-1016-5	0.000	6.076f	0	85207	N.D.	0.311 #
8)	L2 AR-1221-1	0.000	4.580	0	16680	N.D.	0.155 #
9)	L2 AR-1221-2	5.602	4.678	4042900	1892601	23.105	24.422
10)	L2 AR-1221-3	0.000	4.778	0	13260	N.D.	0.051 #
11)	L3 AR-1232-1	0.000	4.778	0	13260	N.D.	0.061 #
12)	L3 AR-1232-2	0.000	5.616	0	828741	N.D.	3.934 #
13)	L3 AR-1232-3	0.000	5.819	0	536520	N.D.	4.888 #
15)	L3 AR-1232-5	0.000	6.076f	0	85207	N.D.	0.827 #
16)	L4 AR-1242-1	0.000	5.616f	0	828741	N.D.	3.111 #
17)	L4 AR-1242-2	0.000	5.616	0	828741	N.D.	2.140 #
18)	L4 AR-1242-3	0.000	5.819	0	536520	N.D.	2.661 #
20)	L4 AR-1242-5	0.000	6.462	0	721346	N.D.	2.861 #
21)	L5 AR-1248-1	0.000	5.616f	0	828741	N.D.	4.141 #
22)	L5 AR-1248-2	0.000	5.856	0	215309	N.D.	0.766 #
24)	L5 AR-1248-4	0.000	6.076f	0	85207	N.D.	0.245 #
25)	L5 AR-1248-5	0.000	6.496f	0	1120528	N.D.	3.220 #
26)	L6 AR-1254-1	0.000	6.462	0	721346	N.D.	1.304 #
27)	L6 AR-1254-2	0.000	6.621	0	627374	N.D.	1.326 #
28)	L6 AR-1254-3	0.000	7.058	0	882982	N.D.	1.125 #
29)	L6 AR-1254-4	0.000	7.296	0	682938	N.D.	1.431 #
30)	L6 AR-1254-5	0.000	7.727	0	280587	N.D.	0.419 #
31)	L7 AR-1260-1	0.000	7.197	0	433314	N.D.	0.864 #
32)	L7 AR-1260-2	8.537	7.387	2696768	591187	3.250	0.978 #
33)	L7 AR-1260-3	8.893	7.535f	17684227	2490124	27.823	4.360 #
34)	L7 AR-1260-4	9.152	8.033	23126127	15826750	30.332	33.402
35)	L7 AR-1260-5	9.482	8.277	10878504	7251385	7.058	6.279
36)	L8 AR-1262-1	8.893	7.727	17684227	280587	20.502	0.825 #
37)	L8 AR-1262-2	9.482	8.277	10878504	7251385	6.569	5.884
38)	L8 AR-1262-3	9.814	8.568	100.2E6	63324322	124.475	137.004
39)	L8 AR-1262-4	9.916	8.633	98395839	56869487	201.547	63.716 #
40)	L8 AR-1262-5	10.627	9.142	38994968	28890672	57.649	71.943
41)	L9 AR-1268-1	9.814	8.568	100.2E6	63324322	50.402	44.755
42)	L9 AR-1268-2	9.916	8.633	98395839	56869487	50.283	43.643
43)	L9 AR-1268-3	10.159	8.845	84556719	50846945	50.854	46.479
44)	L9 AR-1268-4	10.627	9.142	38994968	28890672	51.439	63.951

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 Integration File signal 2: autoint2.e
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 Quant Title : GC EXTRACTABLES
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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	11.072	9.452	281.5E6	148.7E6	49.116	42.060

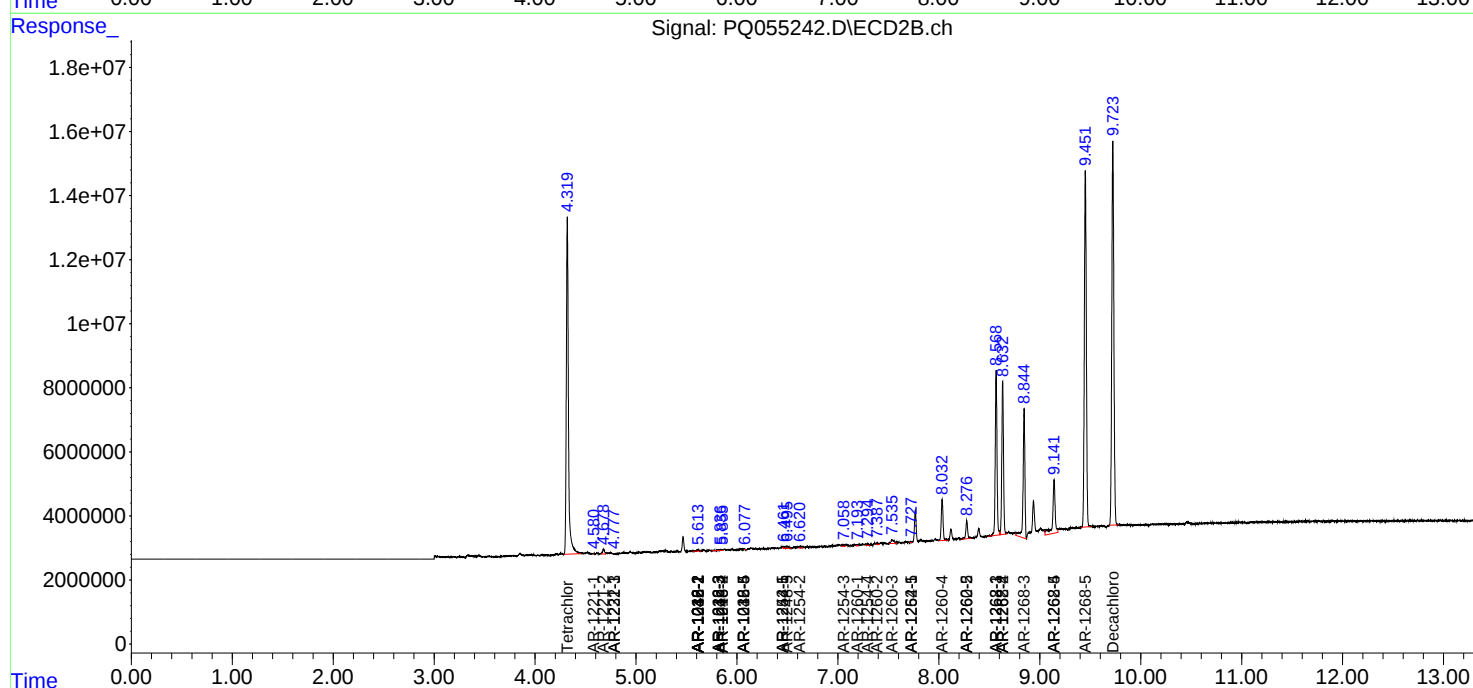
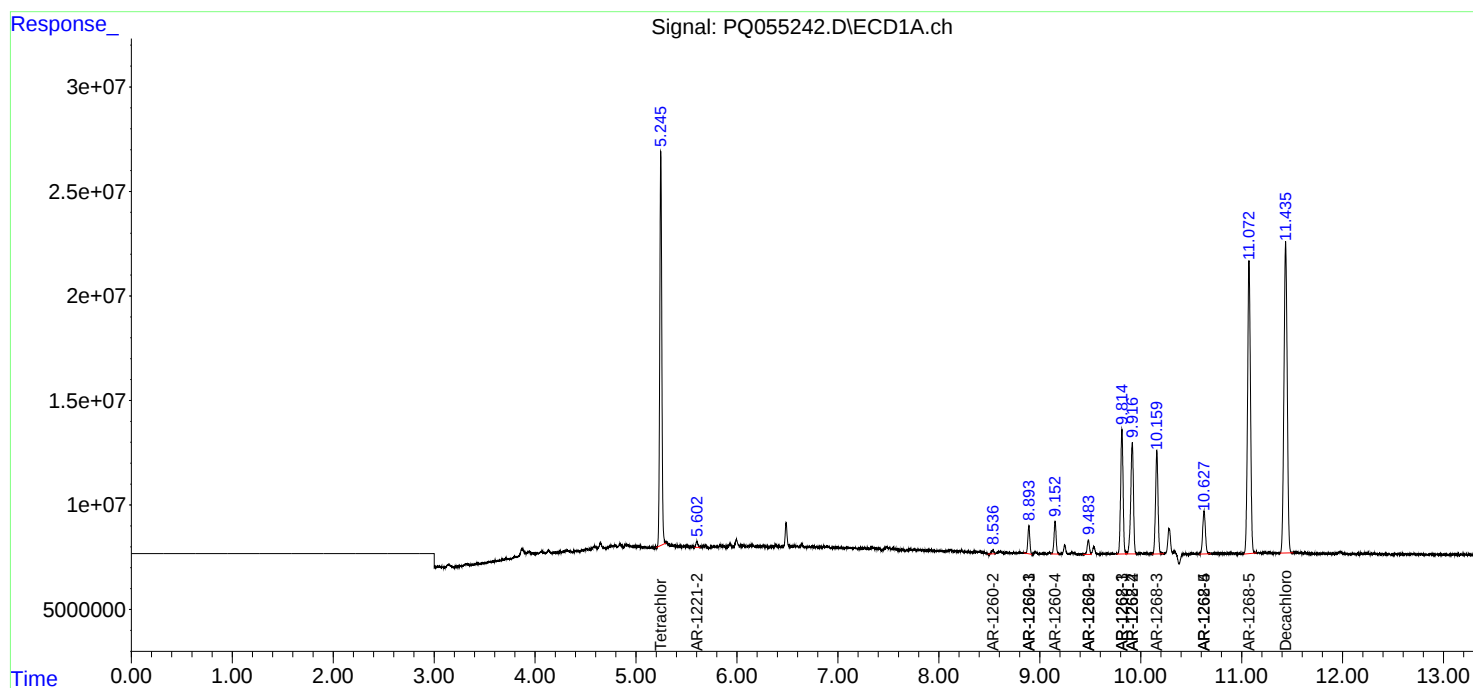
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

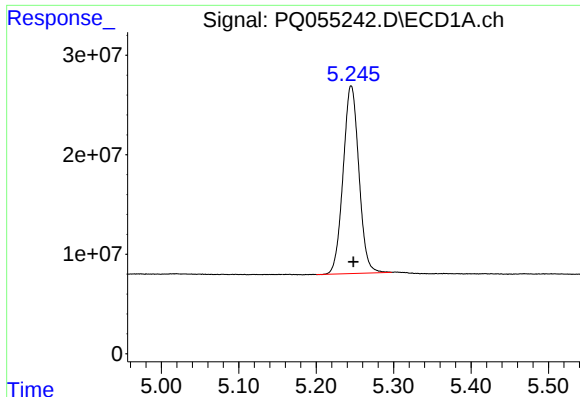
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

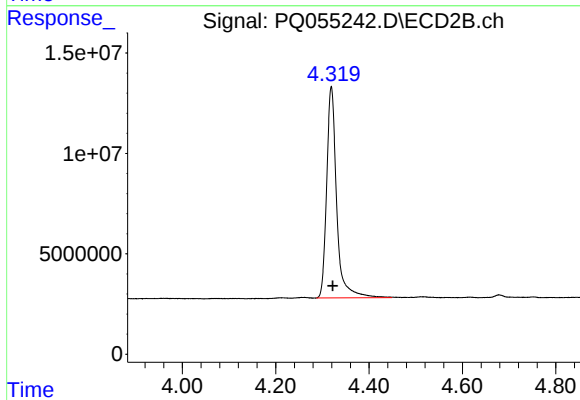




#1 Tetrachloro-m-xylene

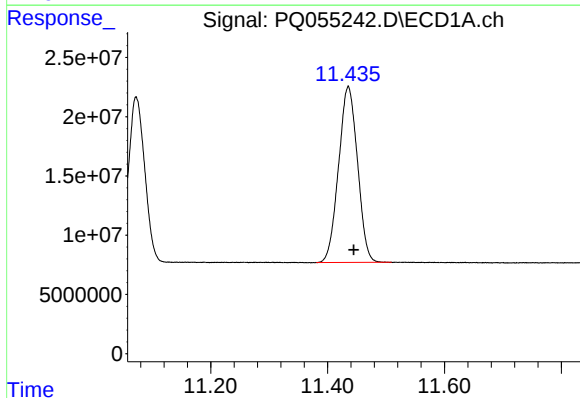
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 266625707
Conc: 15.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



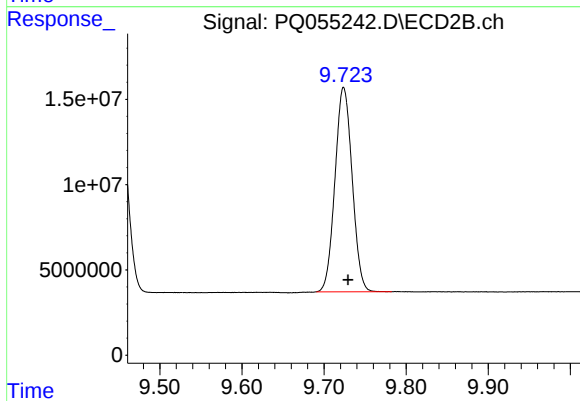
#1 Tetrachloro-m-xylene

R.T.: 4.319 min
Delta R.T.: -0.003 min
Response: 156561071
Conc: 15.22 ng/ml



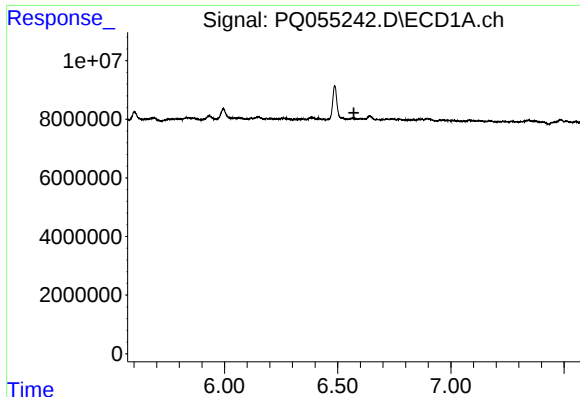
#2 Decachlorobiphenyl

R.T.: 11.435 min
Delta R.T.: -0.010 min
Response: 333763497
Conc: 21.16 ng/ml



#2 Decachlorobiphenyl

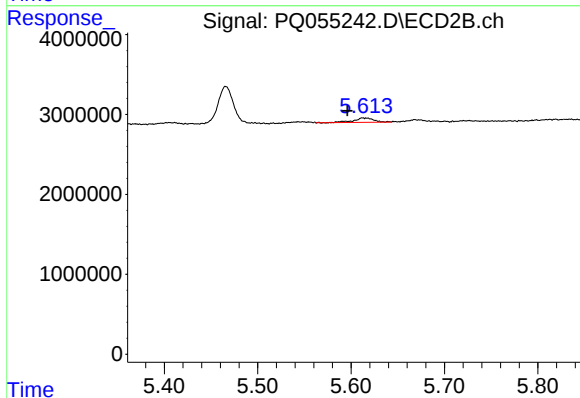
R.T.: 9.724 min
Delta R.T.: -0.005 min
Response: 174353938
Conc: 19.47 ng/ml



#3 AR-1016-1

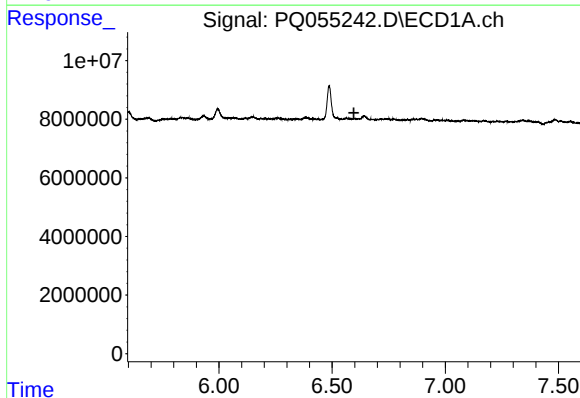
R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



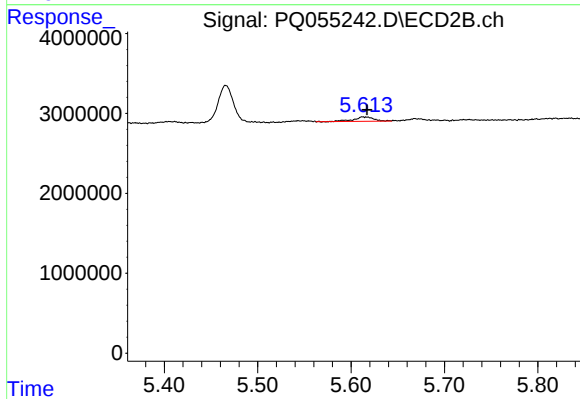
#3 AR-1016-1

R.T.: 5.616 min
Delta R.T.: 0.020 min
Response: 828741
Conc: 2.31 ng/ml



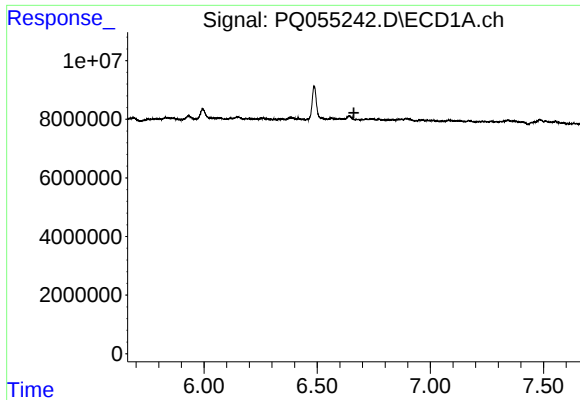
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.



#4 AR-1016-2

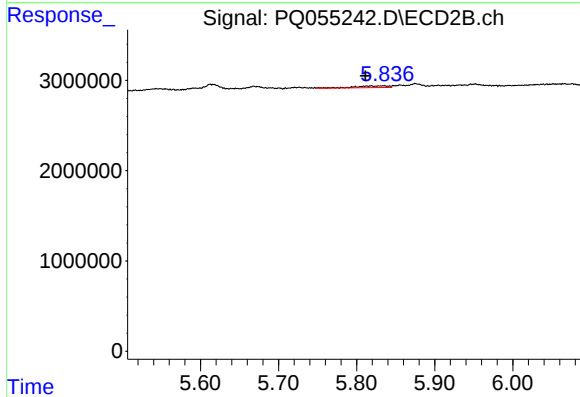
R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 828741
Conc: 1.61 ng/ml



#5 AR-1016-3

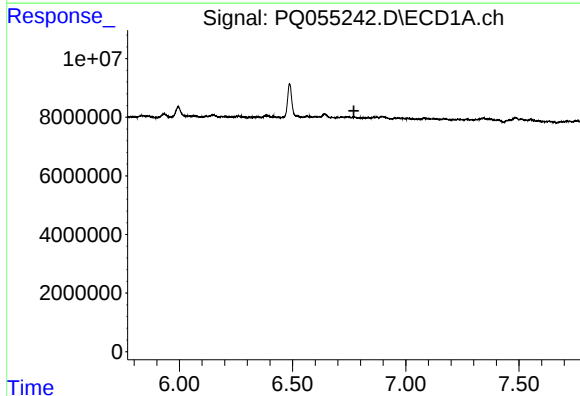
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



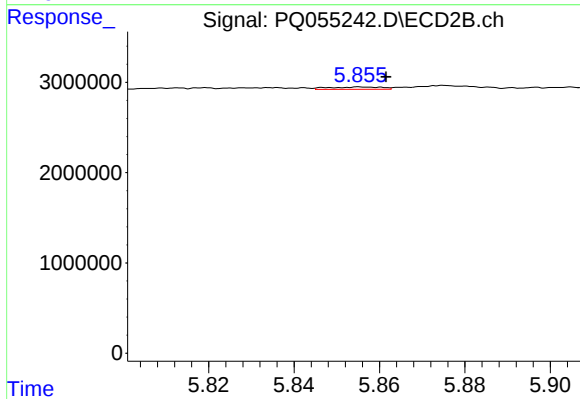
#5 AR-1016-3

R.T.: 5.819 min
Delta R.T.: 0.007 min
Response: 536520
Conc: 2.00 ng/ml



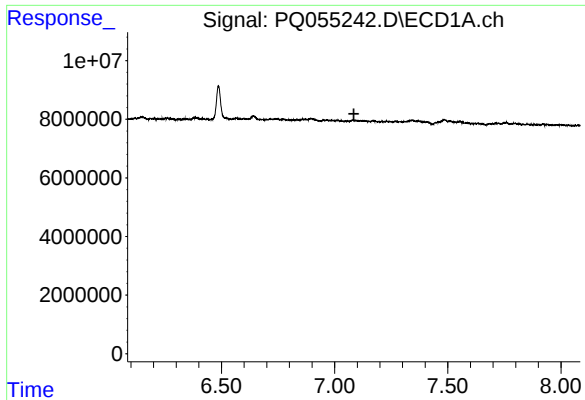
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.771 min
Response: 0
Conc: N.D.



#6 AR-1016-4

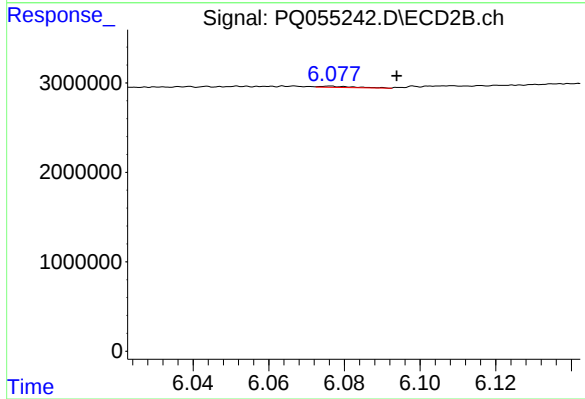
R.T.: 5.856 min
Delta R.T.: -0.006 min
Response: 215309
Conc: 0.99 ng/ml



#7 AR-1016-5

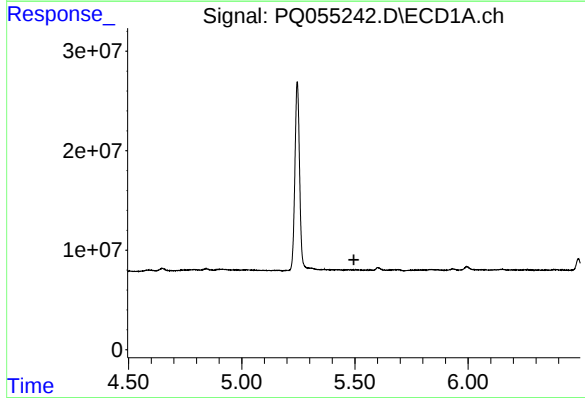
R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



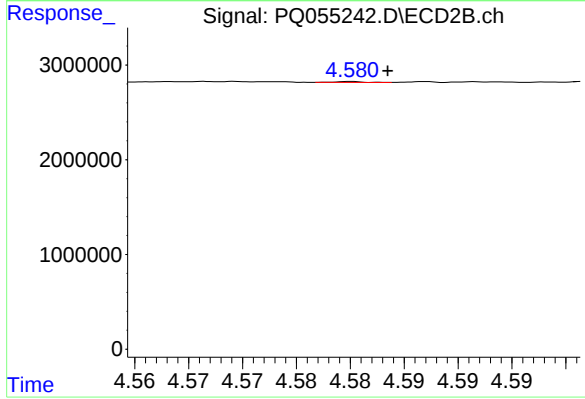
#7 AR-1016-5

R.T.: 6.076 min
Delta R.T.: -0.018 min
Response: 85207
Conc: 0.31 ng/ml



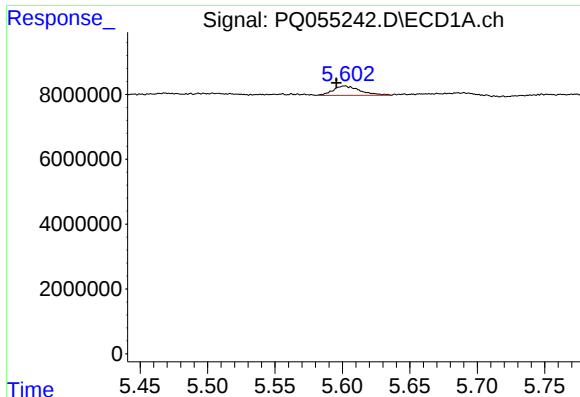
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.495 min
Response: 0
Conc: N.D.



#8 AR-1221-1

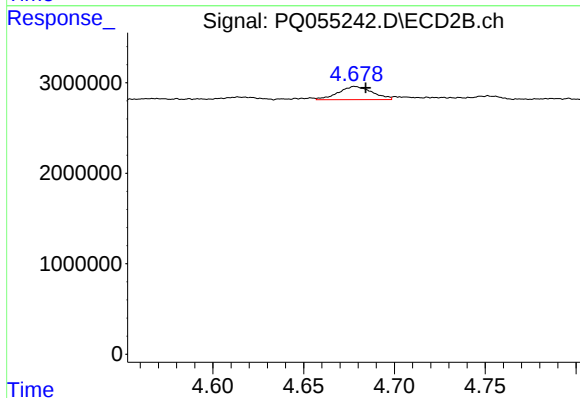
R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 16680
Conc: 0.15 ng/ml



#9 AR-1221-2

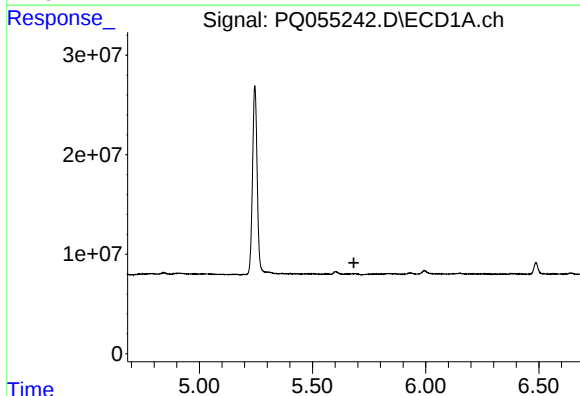
R.T.: 5.602 min
Delta R.T.: 0.007 min
Response: 4042900
Conc: 23.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



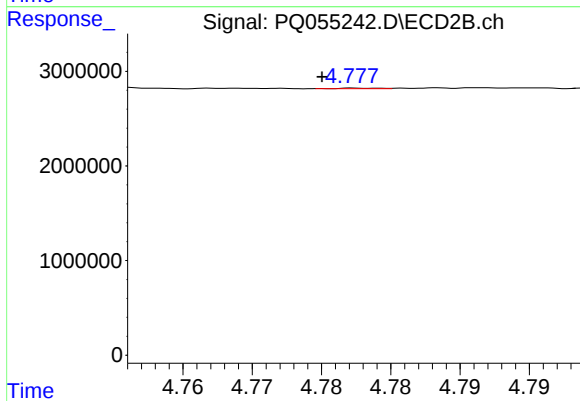
#9 AR-1221-2

R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 1892601
Conc: 24.42 ng/ml



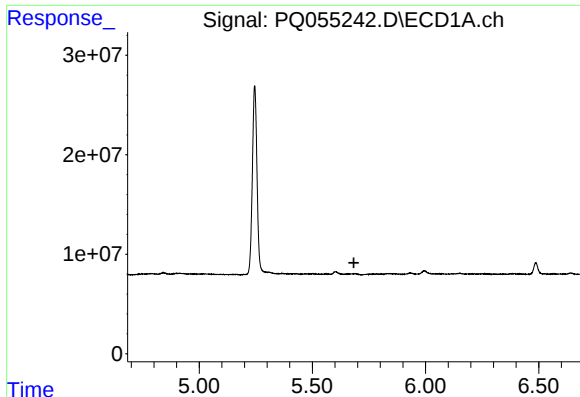
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



#10 AR-1221-3

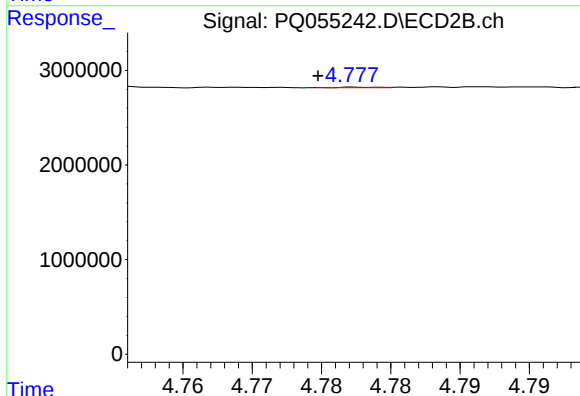
R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 13260
Conc: 0.05 ng/ml



#11 AR-1232-1

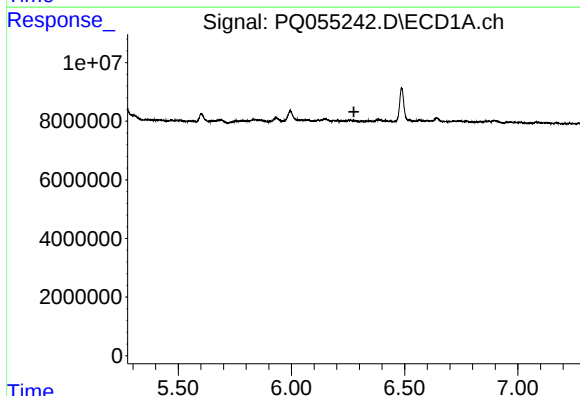
R.T.: 0.000 min
Exp R.T.: 5.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



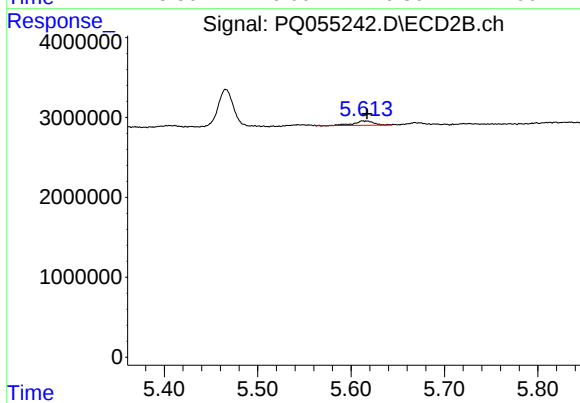
#11 AR-1232-1

R.T.: 4.778 min
Delta R.T.: 0.003 min
Response: 13260
Conc: 0.06 ng/ml



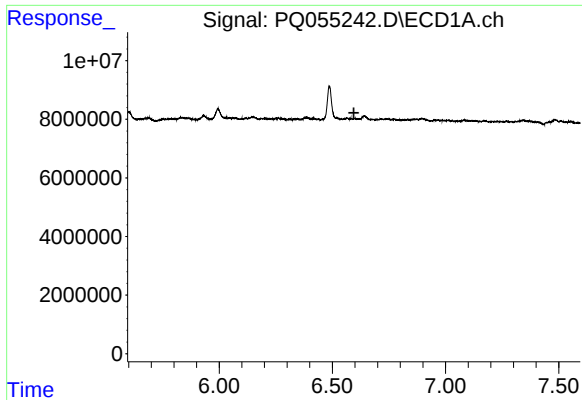
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.276 min
Response: 0
Conc: N.D.



#12 AR-1232-2

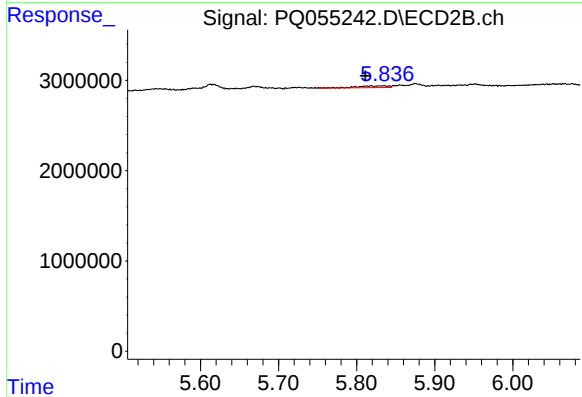
R.T.: 5.616 min
Delta R.T.: -0.001 min
Response: 828741
Conc: 3.93 ng/ml



#13 AR-1232-3

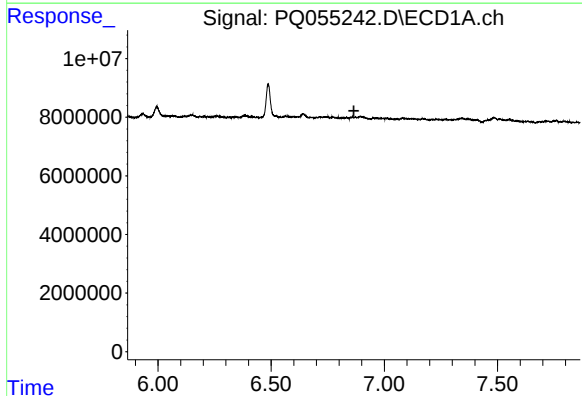
R.T.: 0.000 min
Exp R.T.: 6.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



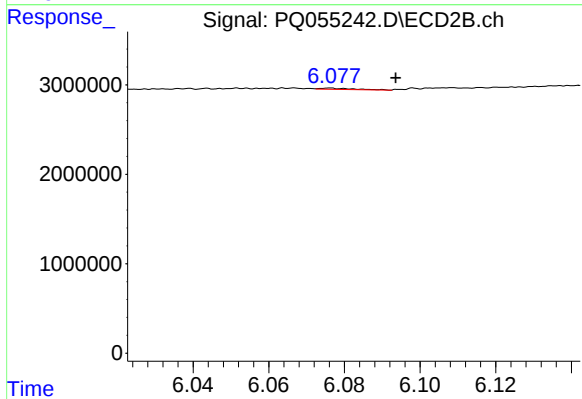
#13 AR-1232-3

R.T.: 5.819 min
Delta R.T.: 0.008 min
Response: 536520
Conc: 4.89 ng/ml



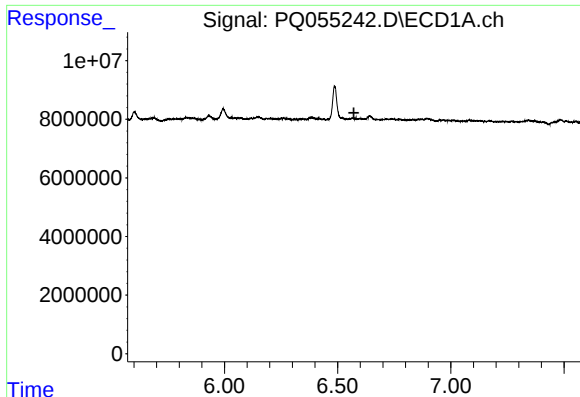
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.



#15 AR-1232-5

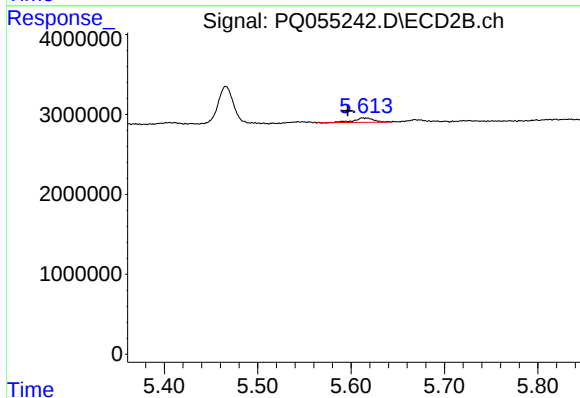
R.T.: 6.076 min
Delta R.T.: -0.017 min
Response: 85207
Conc: 0.83 ng/ml



#16 AR-1242-1

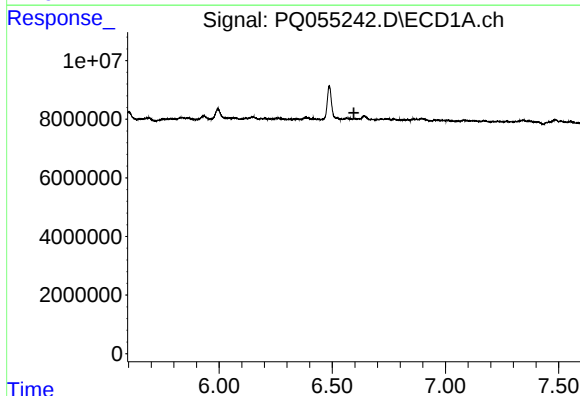
R.T.: 0.000 min
Exp R.T.: 6.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



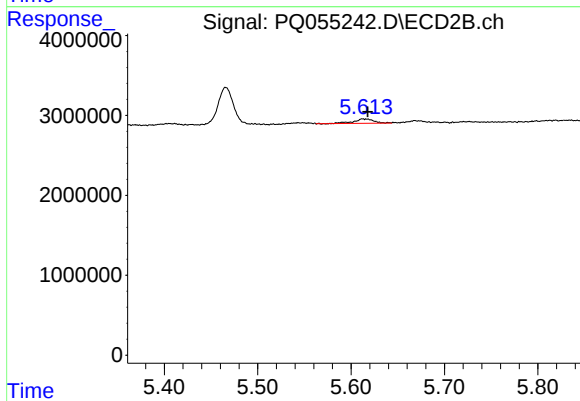
#16 AR-1242-1

R.T.: 5.616 min
Delta R.T.: 0.020 min
Response: 828741
Conc: 3.11 ng/ml



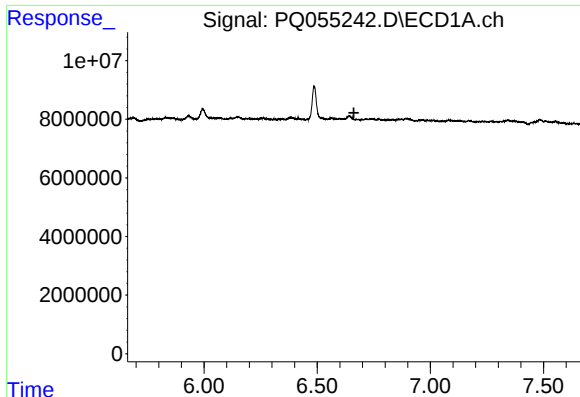
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.596 min
Response: 0
Conc: N.D.



#17 AR-1242-2

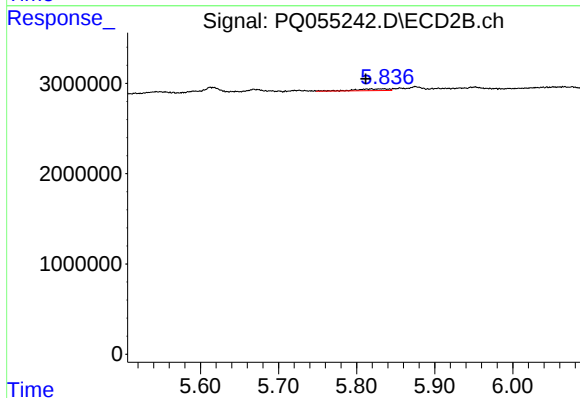
R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 828741
Conc: 2.14 ng/ml



#18 AR-1242-3

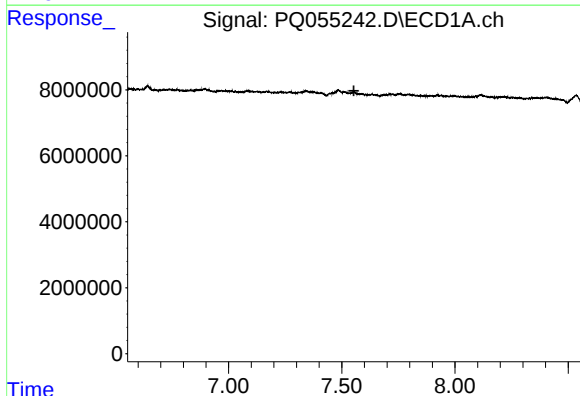
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



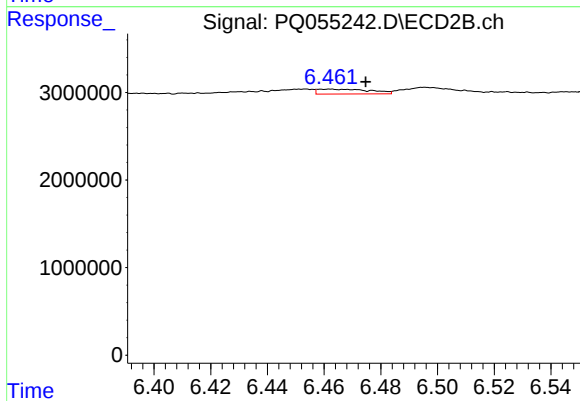
#18 AR-1242-3

R.T.: 5.819 min
Delta R.T.: 0.007 min
Response: 536520
Conc: 2.66 ng/ml



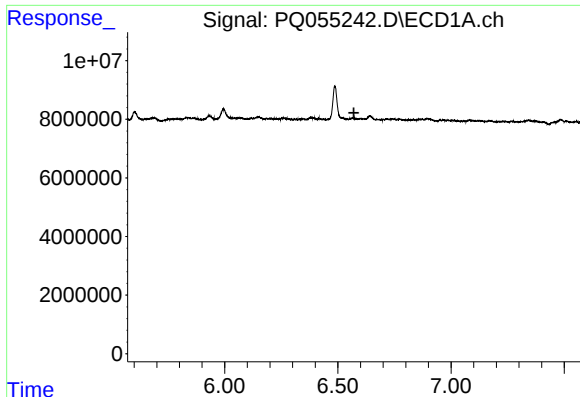
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.554 min
Response: 0
Conc: N.D.



#20 AR-1242-5

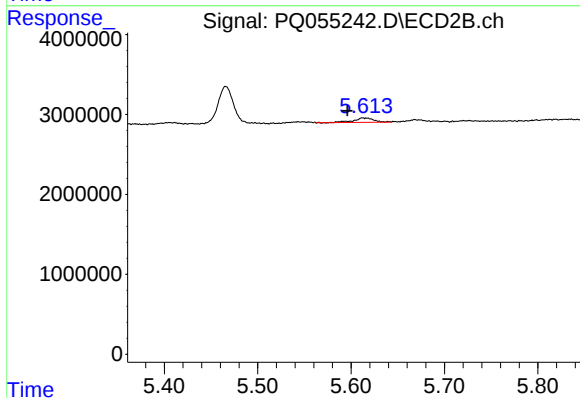
R.T.: 6.462 min
Delta R.T.: -0.013 min
Response: 721346
Conc: 2.86 ng/ml



#21 AR-1248-1

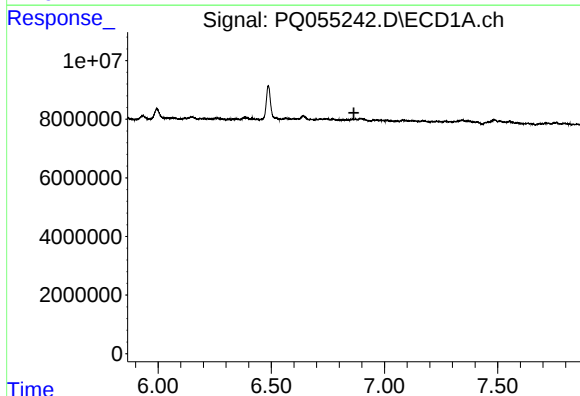
R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



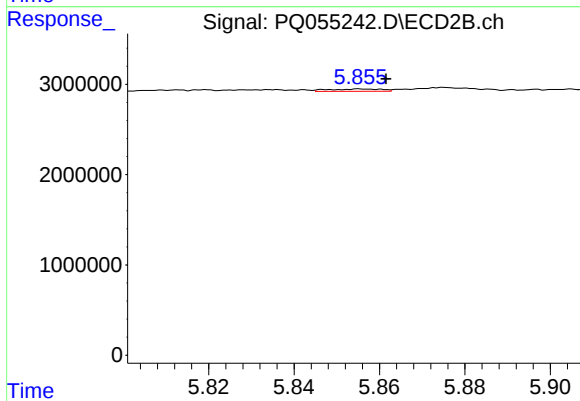
#21 AR-1248-1

R.T.: 5.616 min
Delta R.T.: 0.020 min
Response: 828741
Conc: 4.14 ng/ml



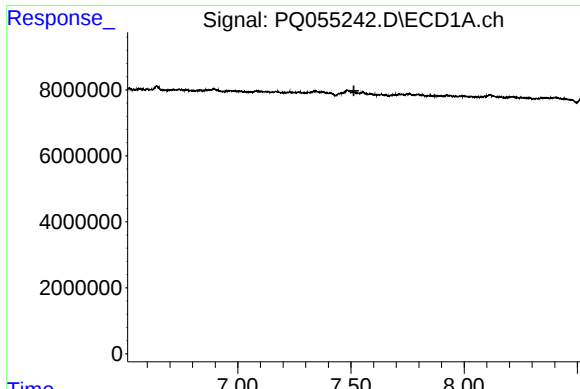
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.865 min
Response: 0
Conc: N.D.



#22 AR-1248-2

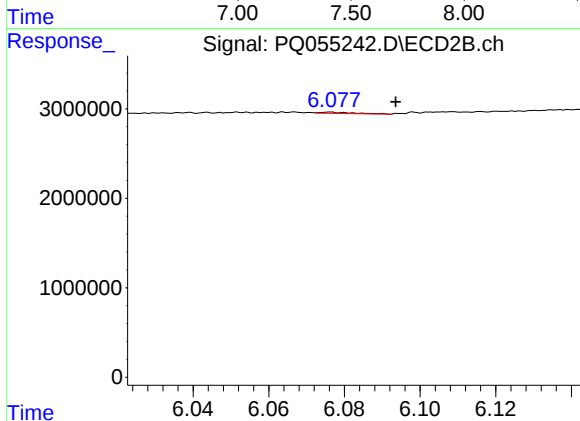
R.T.: 5.856 min
Delta R.T.: -0.006 min
Response: 215309
Conc: 0.77 ng/ml



#24 AR-1248-4

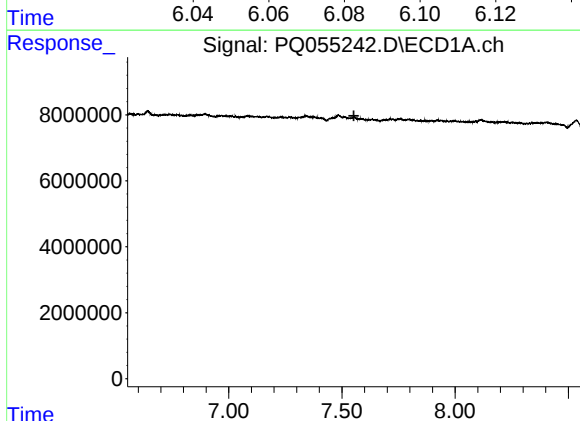
R.T.: 0.000 min
Exp R.T.: 7.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



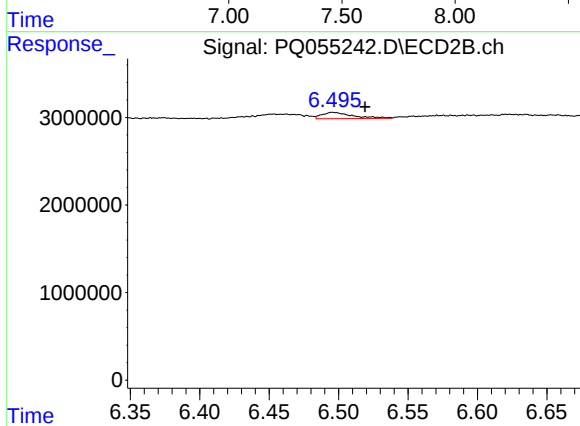
#24 AR-1248-4

R.T.: 6.076 min
Delta R.T.: -0.017 min
Response: 85207
Conc: 0.24 ng/ml



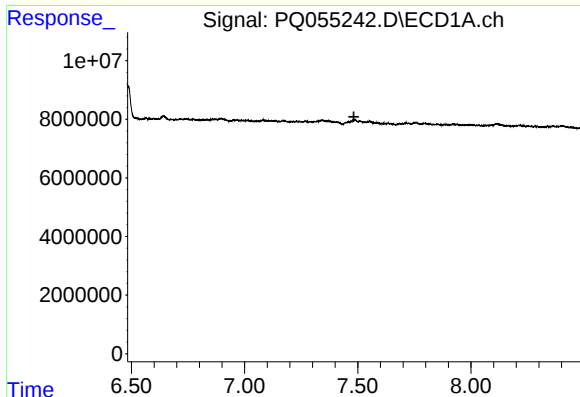
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 7.553 min
Response: 0
Conc: N.D.



#25 AR-1248-5

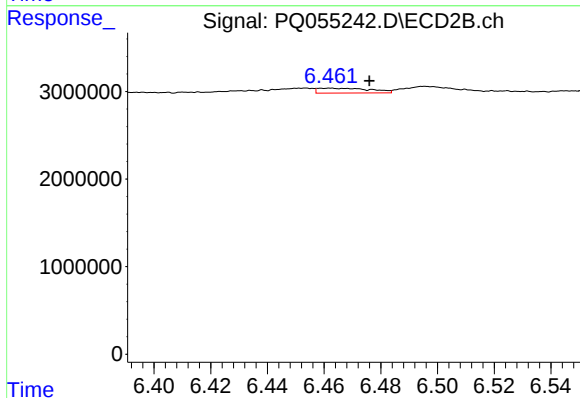
R.T.: 6.496 min
Delta R.T.: -0.023 min
Response: 1120528
Conc: 3.22 ng/ml



#26 AR-1254-1

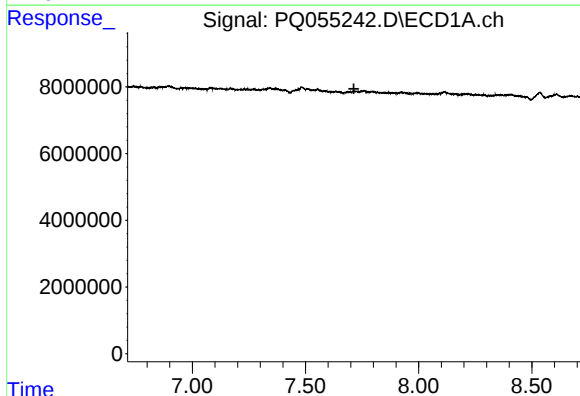
R.T.: 0.000 min
Exp R.T.: 7.483 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



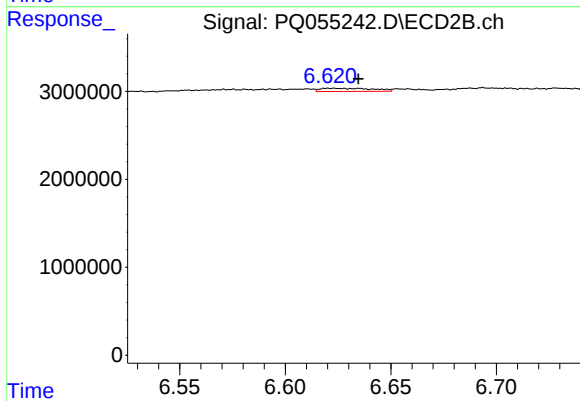
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: -0.014 min
Response: 721346
Conc: 1.30 ng/ml



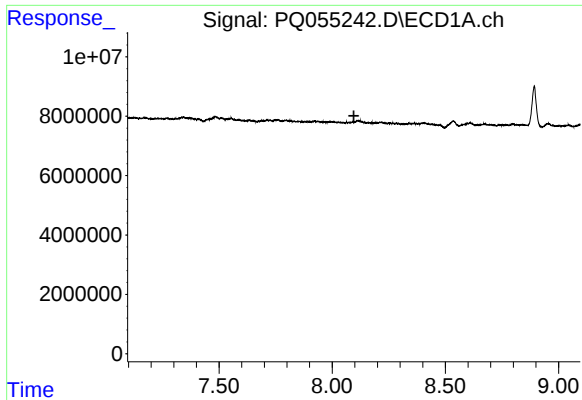
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 7.714 min
Response: 0
Conc: N.D.



#27 AR-1254-2

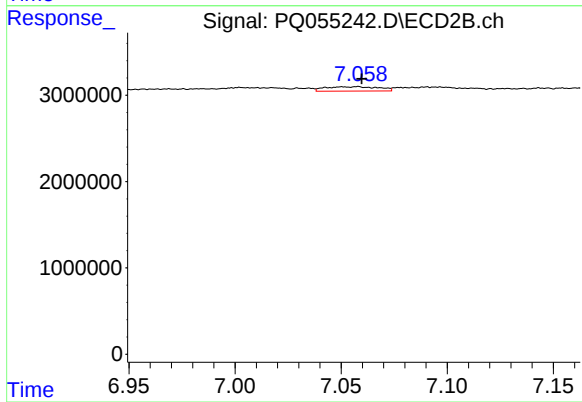
R.T.: 6.621 min
Delta R.T.: -0.014 min
Response: 627374
Conc: 1.33 ng/ml



#28 AR-1254-3

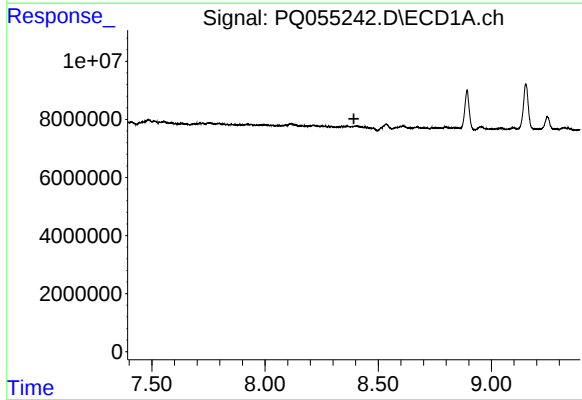
R.T.: 0.000 min
Exp R.T.: 8.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



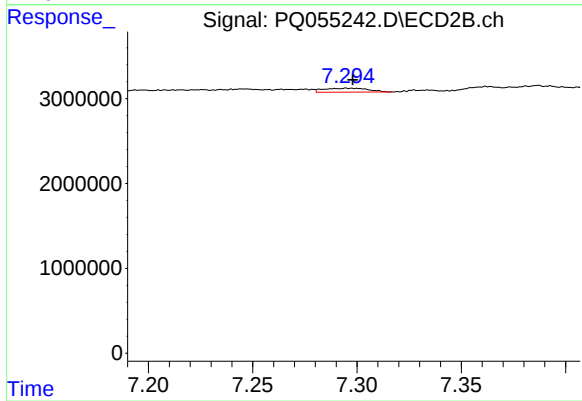
#28 AR-1254-3

R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 882982
Conc: 1.12 ng/ml



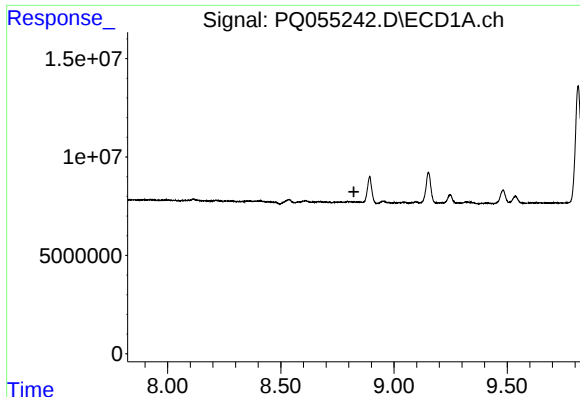
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 8.392 min
Response: 0
Conc: N.D.



#29 AR-1254-4

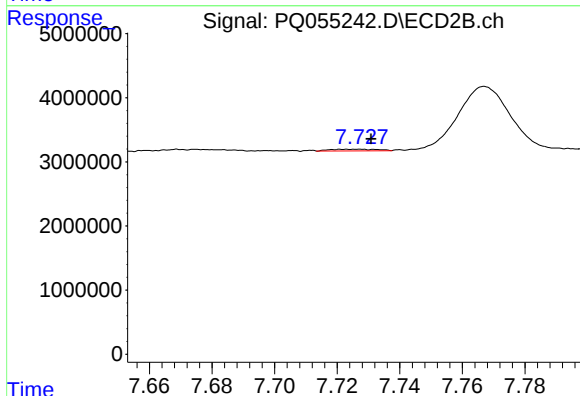
R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 682938
Conc: 1.43 ng/ml



#30 AR-1254-5

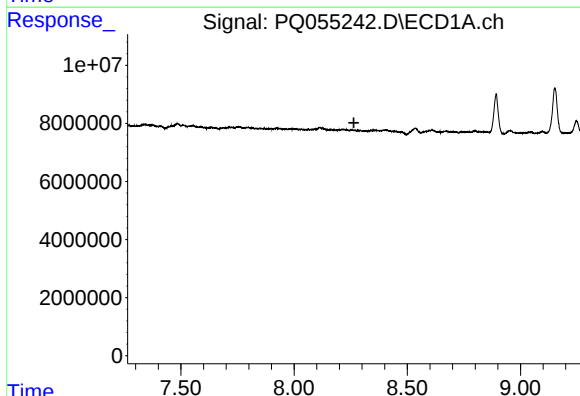
R.T.: 0.000 min
Exp R.T.: 8.823 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



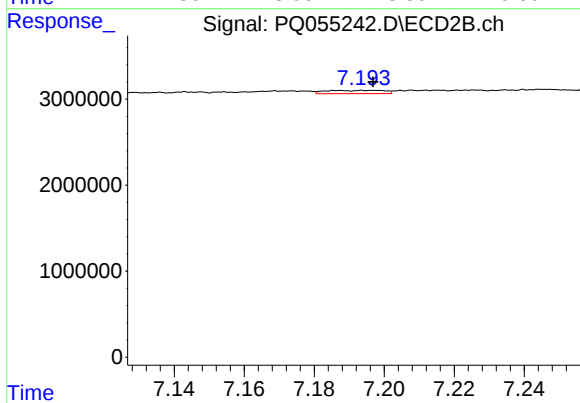
#30 AR-1254-5

R.T.: 7.727 min
Delta R.T.: -0.004 min
Response: 280587
Conc: 0.42 ng/ml



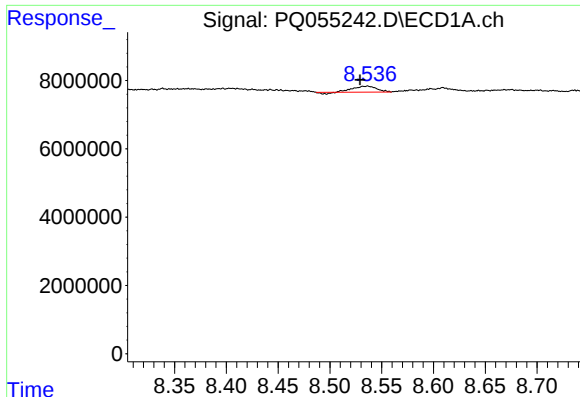
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.



#31 AR-1260-1

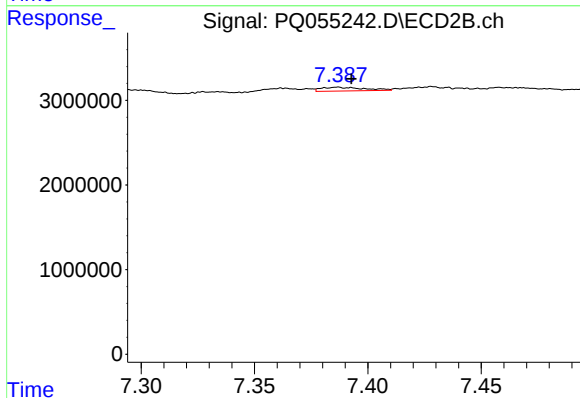
R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 433314
Conc: 0.86 ng/ml



#32 AR-1260-2

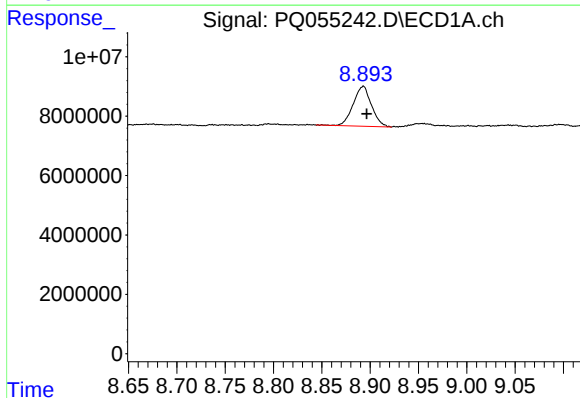
R.T.: 8.537 min
Delta R.T.: 0.007 min
Response: 2696768
Conc: 3.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



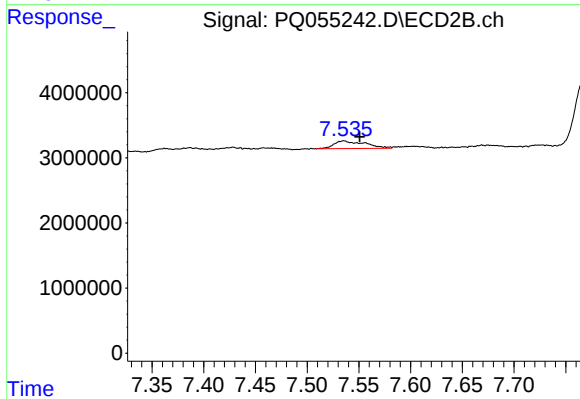
#32 AR-1260-2

R.T.: 7.387 min
Delta R.T.: -0.006 min
Response: 591187
Conc: 0.98 ng/ml



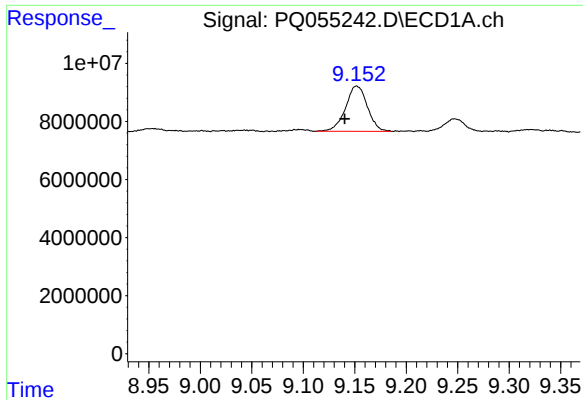
#33 AR-1260-3

R.T.: 8.893 min
Delta R.T.: -0.003 min
Response: 17684227
Conc: 27.82 ng/ml



#33 AR-1260-3

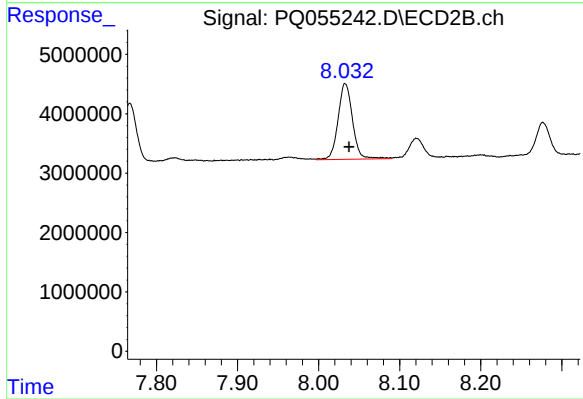
R.T.: 7.535 min
Delta R.T.: -0.015 min
Response: 2490124
Conc: 4.36 ng/ml



#34 AR-1260-4

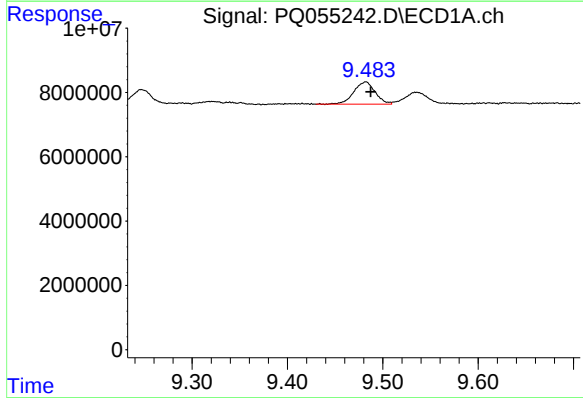
R.T.: 9.152 min
Delta R.T.: 0.011 min
Response: 23126127
Conc: 30.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



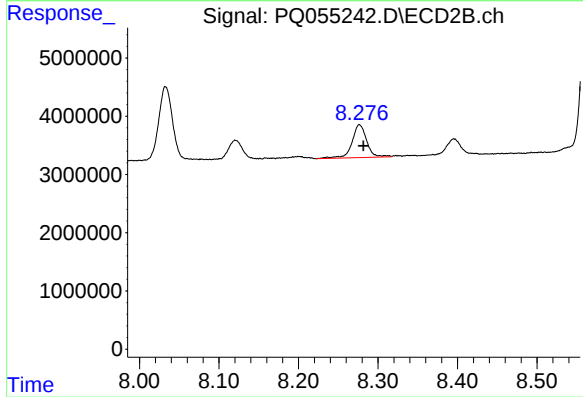
#34 AR-1260-4

R.T.: 8.033 min
Delta R.T.: -0.005 min
Response: 15826750
Conc: 33.40 ng/ml



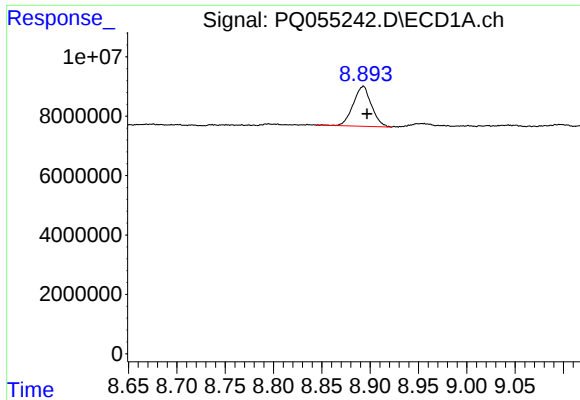
#35 AR-1260-5

R.T.: 9.482 min
Delta R.T.: -0.005 min
Response: 10878504
Conc: 7.06 ng/ml



#35 AR-1260-5

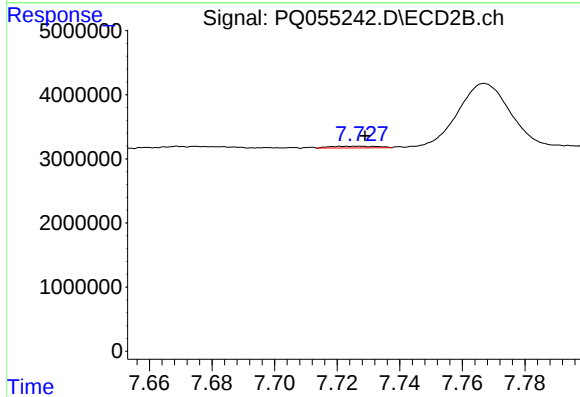
R.T.: 8.277 min
Delta R.T.: -0.005 min
Response: 7251385
Conc: 6.28 ng/ml



#36 AR-1262-1

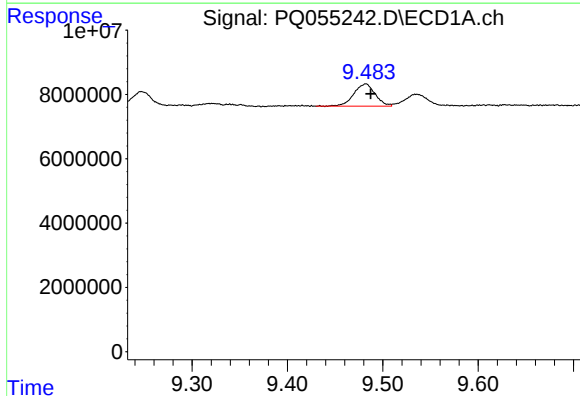
R.T.: 8.893 min
Delta R.T.: -0.004 min
Response: 17684227
Conc: 20.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



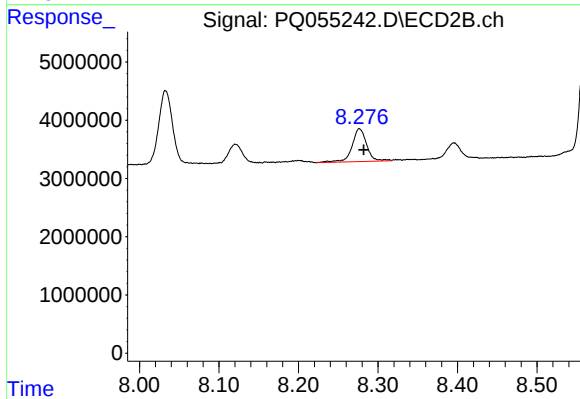
#36 AR-1262-1

R.T.: 7.727 min
Delta R.T.: -0.002 min
Response: 280587
Conc: 0.82 ng/ml



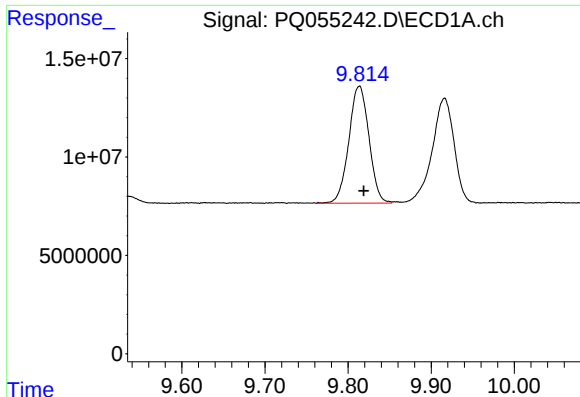
#37 AR-1262-2

R.T.: 9.482 min
Delta R.T.: -0.005 min
Response: 10878504
Conc: 6.57 ng/ml



#37 AR-1262-2

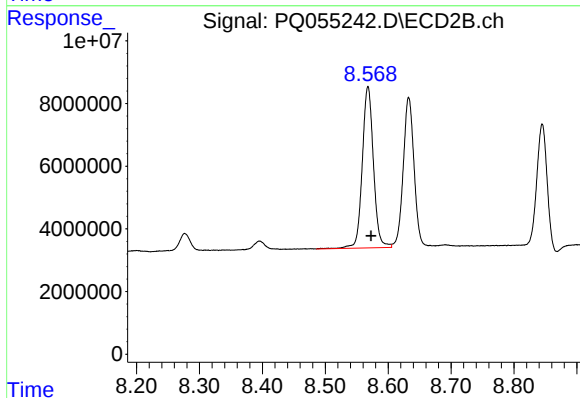
R.T.: 8.277 min
Delta R.T.: -0.005 min
Response: 7251385
Conc: 5.88 ng/ml



#38 AR-1262-3

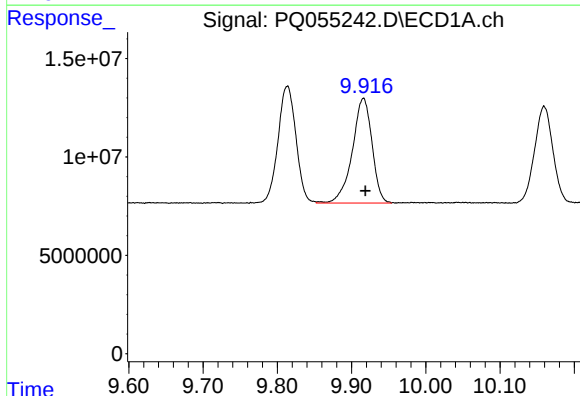
R.T.: 9.814 min
Delta R.T.: -0.005 min
Response: 100177322
Conc: 124.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



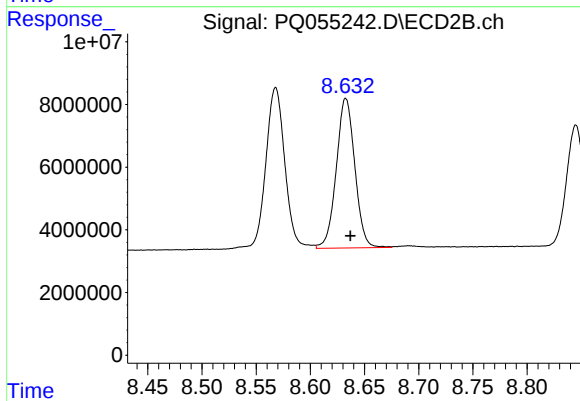
#38 AR-1262-3

R.T.: 8.568 min
Delta R.T.: -0.005 min
Response: 63324322
Conc: 137.00 ng/ml



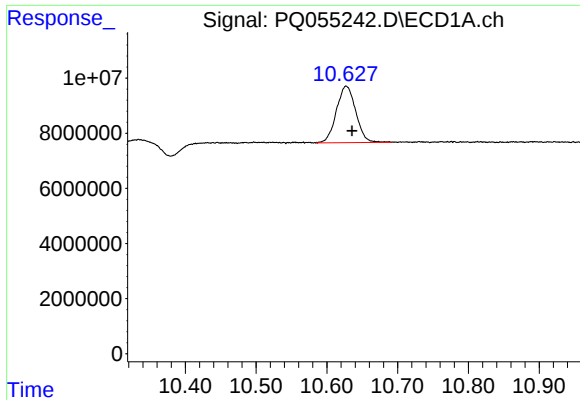
#39 AR-1262-4

R.T.: 9.916 min
Delta R.T.: -0.003 min
Response: 98395839
Conc: 201.55 ng/ml



#39 AR-1262-4

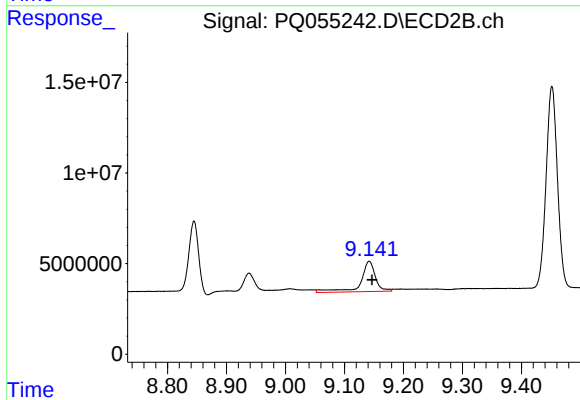
R.T.: 8.633 min
Delta R.T.: -0.004 min
Response: 56869487
Conc: 63.72 ng/ml



#40 AR-1262-5

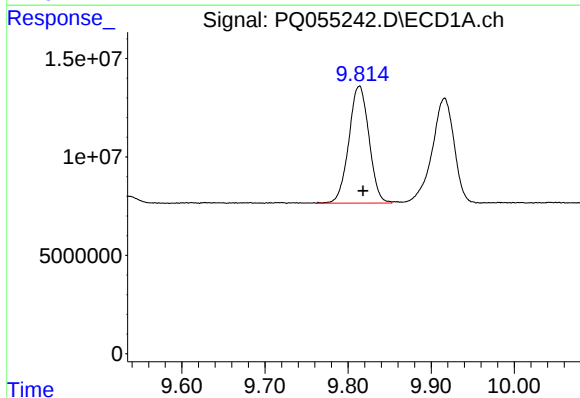
R.T.: 10.627 min
Delta R.T.: -0.008 min
Response: 38994968
Conc: 57.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



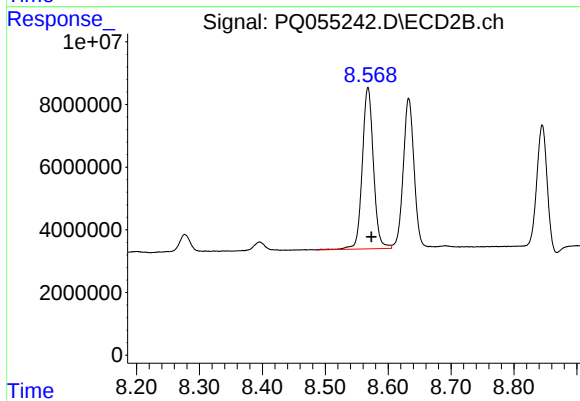
#40 AR-1262-5

R.T.: 9.142 min
Delta R.T.: -0.005 min
Response: 28890672
Conc: 71.94 ng/ml



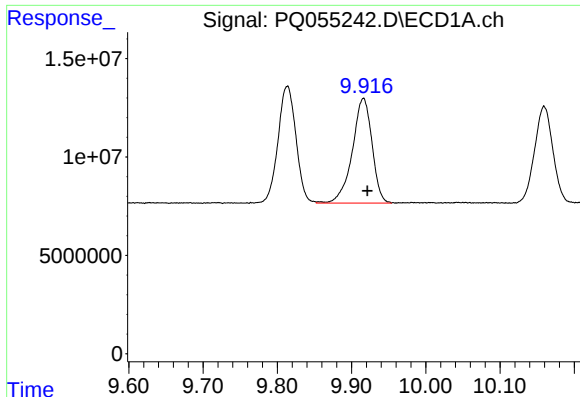
#41 AR-1268-1

R.T.: 9.814 min
Delta R.T.: -0.004 min
Response: 100177322
Conc: 50.40 ng/ml



#41 AR-1268-1

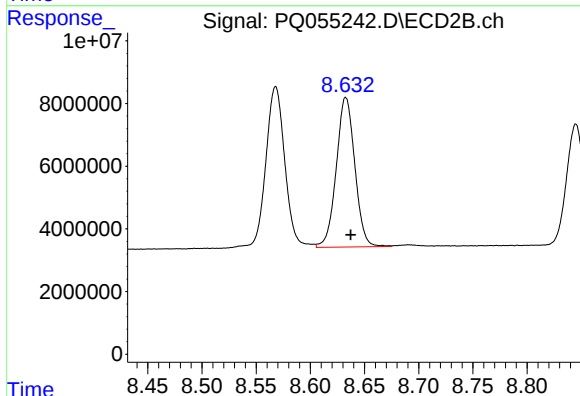
R.T.: 8.568 min
Delta R.T.: -0.005 min
Response: 63324322
Conc: 44.75 ng/ml



#42 AR-1268-2

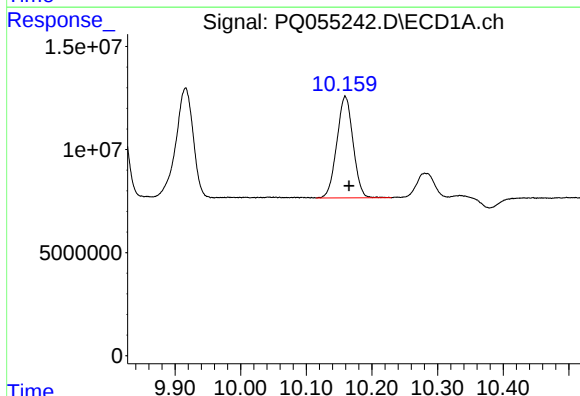
R.T.: 9.916 min
Delta R.T.: -0.005 min
Response: 98395839
Conc: 50.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



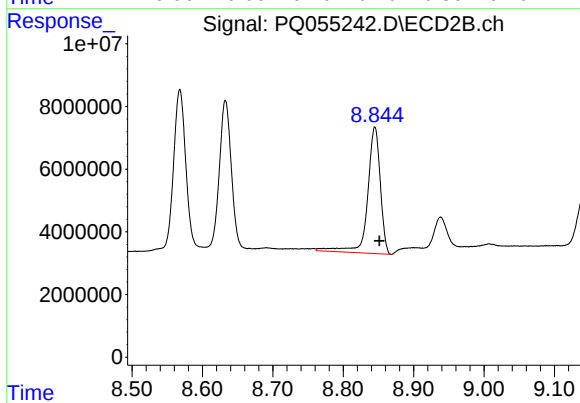
#42 AR-1268-2

R.T.: 8.633 min
Delta R.T.: -0.004 min
Response: 56869487
Conc: 43.64 ng/ml



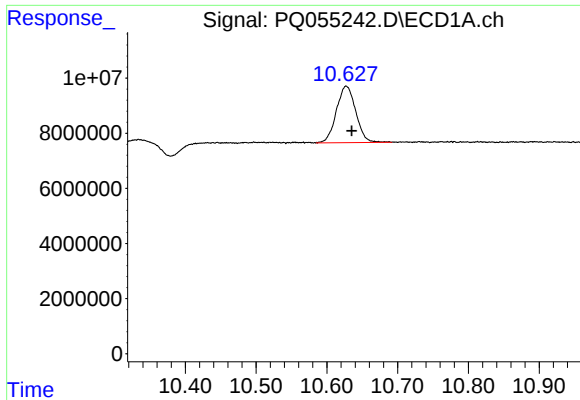
#43 AR-1268-3

R.T.: 10.159 min
Delta R.T.: -0.006 min
Response: 84556719
Conc: 50.85 ng/ml



#43 AR-1268-3

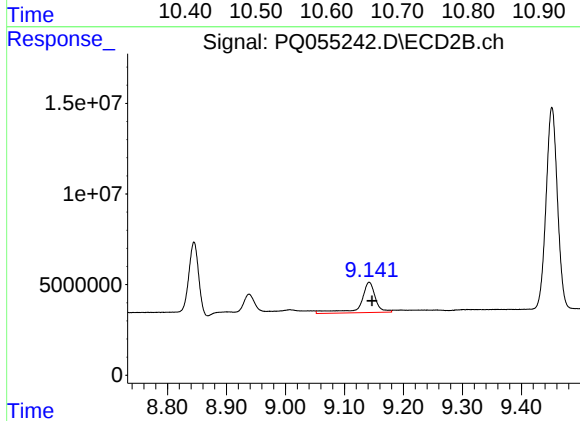
R.T.: 8.845 min
Delta R.T.: -0.006 min
Response: 50846945
Conc: 46.48 ng/ml



#44 AR-1268-4

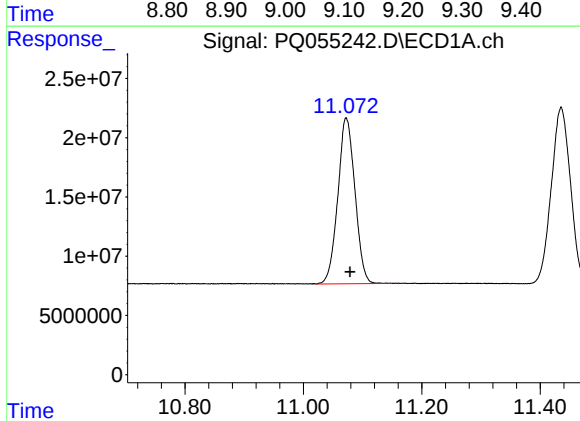
R.T.: 10.627 min
Delta R.T.: -0.008 min
Response: 38994968
Conc: 51.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



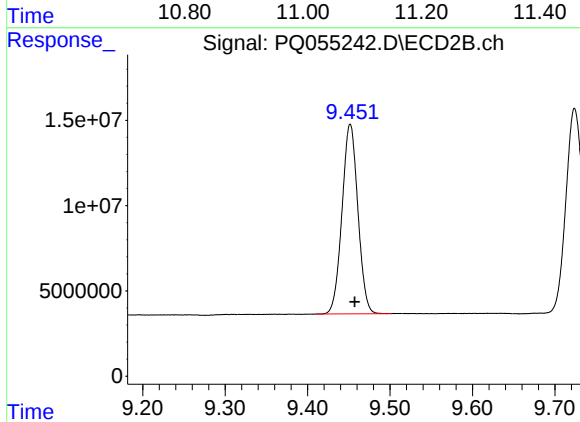
#44 AR-1268-4

R.T.: 9.142 min
Delta R.T.: -0.005 min
Response: 28890672
Conc: 63.95 ng/ml



#45 AR-1268-5

R.T.: 11.072 min
Delta R.T.: -0.007 min
Response: 281513691
Conc: 49.12 ng/ml



#45 AR-1268-5

R.T.: 9.452 min
Delta R.T.: -0.005 min
Response: 148699835
Conc: 42.06 ng/ml