

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122421\
 Data File : PQ055362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Dec 2021 15:12
 Operator : AJ\MA
 Sample : M5197-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 23:26:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 24 22:33:02 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...	5.245	4.318	143.3E6	118.9E6	12.730	13.286
2)	SA Decachlor...	11.434	9.708	157.2E6	75250213	11.066	9.741
Target Compounds							
5)	L1 AR-1016-3	6.649	5.809	17392359	2116256	47.902	8.238 #
6)	L1 AR-1016-4	6.777	5.848	2620329	1722800	8.684	8.477
7)	L1 AR-1016-5	7.081	6.112f	2004513	451267	8.020	1.777 #
8)	L2 AR-1221-1	5.498	4.547f	80121591	6854415	642.793	64.672 #
9)	L2 AR-1221-2	5.576f	4.655f	39842085	24381246	356.700	318.340
10)	L2 AR-1221-3	5.691	4.759	6323683	13430321	21.513	52.285 #
11)	L3 AR-1232-1	5.691	4.759	6323683	13430321	26.319	63.342 #
12)	L3 AR-1232-2	6.247f	5.607	74896935	1798975	617.585	9.048 #
14)	L3 AR-1232-4	6.777	5.897	2620329	1378936	20.814	15.365 #
15)	L3 AR-1232-5	6.878f	6.112f	1939833	451267	30.307	4.740 #
18)	L4 AR-1242-3	6.649	5.809	17392359	2116256	64.102	10.959 #
19)	L4 AR-1242-4	6.777	5.897	2620329	1378936	11.577	7.401 #
20)	L4 AR-1242-5	7.550	6.468	6305679	4295698	27.608	18.100 #
22)	L5 AR-1248-2	6.878f	5.848	1939833	1722800	7.612	6.412
23)	L5 AR-1248-3	7.081	5.897	2004513	1378936	6.238	4.930
24)	L5 AR-1248-4	7.507	0.000	1358674	0	3.676	N.D. #
25)	L5 AR-1248-5	7.550	6.503	6305679	1246720	16.283	3.790 #
26)	L6 AR-1254-1	7.479	6.468	3020715	4295698	8.129	7.924
27)	L6 AR-1254-2	7.712	6.626	1279627	1121828	2.202	2.400
28)	L6 AR-1254-3	8.086	7.030f	1917043	109.3E6	2.722	143.693 #
29)	L6 AR-1254-4	8.367f	7.272	64610433	2237826	122.187	4.811 #
30)	L6 AR-1254-5	8.823	7.720	4318004	2352794	7.595	3.654 #
31)	L7 AR-1260-1	8.263	0.000	13913258	0	31.964	N.D. #
32)	L7 AR-1260-2	8.536	7.369	3760638	3147521	6.964	5.543
33)	L7 AR-1260-3	8.892	7.524	2039732	2099027	5.127	3.705 #
34)	L7 AR-1260-4	9.155f	8.011	1187073	3812203	2.417	9.249 #
35)	L7 AR-1260-5	9.484	8.261	20252720	1280769	17.627	1.258 #
36)	L8 AR-1262-1	8.892	7.720	2039732	2352794	3.713	7.759 #
37)	L8 AR-1262-2	9.484	8.261	20252720	1280769	16.844	1.172 #
38)	L8 AR-1262-3	9.813	8.574	3901631	2136289	6.464	5.331
39)	L8 AR-1262-4	9.897f	8.620	996783	2416534	2.173	3.111 #
40)	L8 AR-1262-5	10.656f	9.145	6495062	49916	11.304	0.143 #
41)	L9 AR-1268-1	9.813	8.574	3901631	2136289	2.442	1.675 #
42)	L9 AR-1268-2	9.897f	8.620	996783	2416534	0.586	2.060 #
43)	L9 AR-1268-3	0.000	8.847	0	3705105	N.D.	3.796 #
44)	L9 AR-1268-4	10.656f	9.145	6495062	49916	9.826	0.125 #
45)	L9 AR-1268-5	11.068	9.459f	3916667	508261	0.737	0.163 #

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Acq On : 24 Dec 2021 15:12
Operator : AJ\MA
Sample : M5197-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

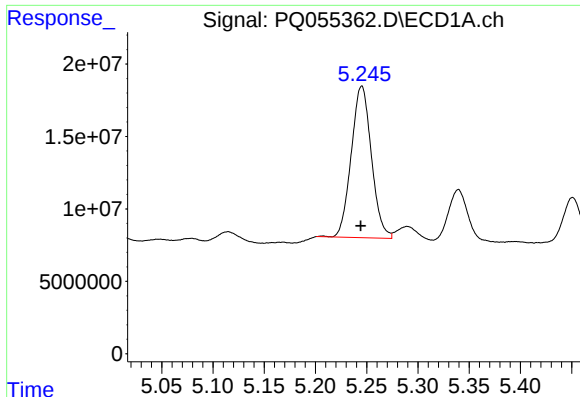
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 23:26:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122321.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 24 22:33:02 2021
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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

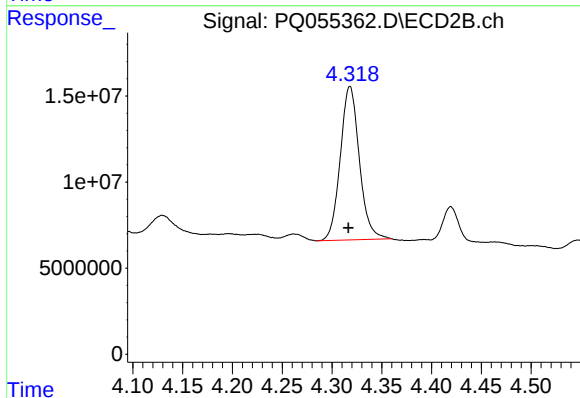
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						



#1 Tetrachloro-m-xylene

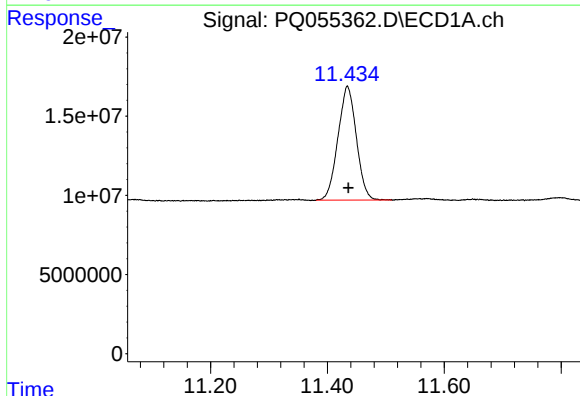
R.T.: 5.245 min
Delta R.T.: 0.001 min
Response: 143266338
Conc: 12.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



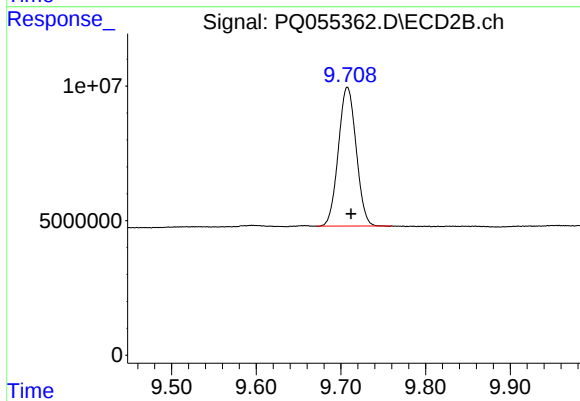
#1 Tetrachloro-m-xylene

R.T.: 4.318 min
Delta R.T.: 0.002 min
Response: 118945804
Conc: 13.29 ng/ml



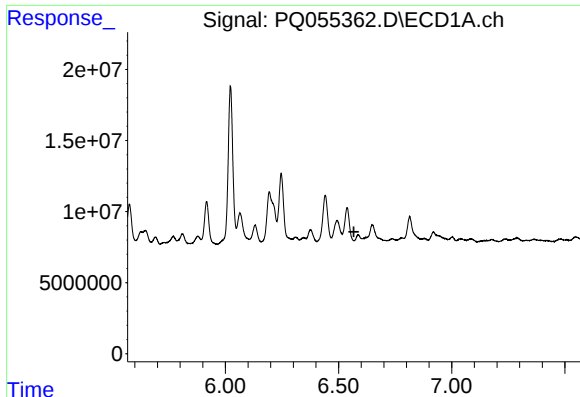
#2 Decachlorobiphenyl

R.T.: 11.434 min
Delta R.T.: -0.002 min
Response: 157161448
Conc: 11.07 ng/ml



#2 Decachlorobiphenyl

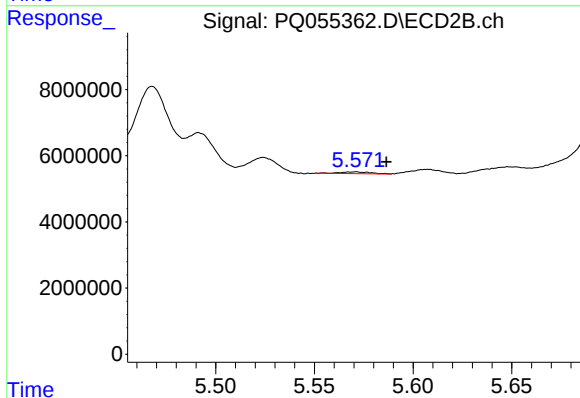
R.T.: 9.708 min
Delta R.T.: -0.004 min
Response: 75250213
Conc: 9.74 ng/ml



#3 AR-1016-1

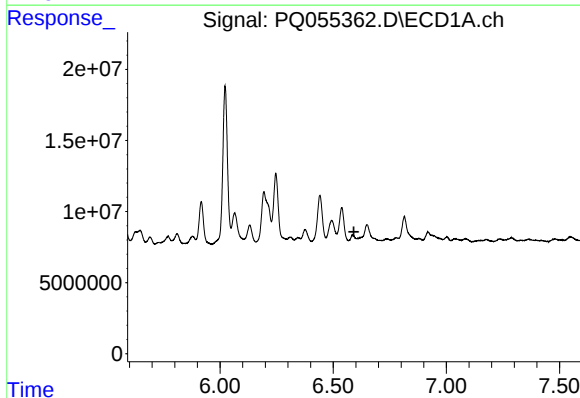
R.T.: 6.586 min
Delta R.T.: 0.018 min
Response: -7962488
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



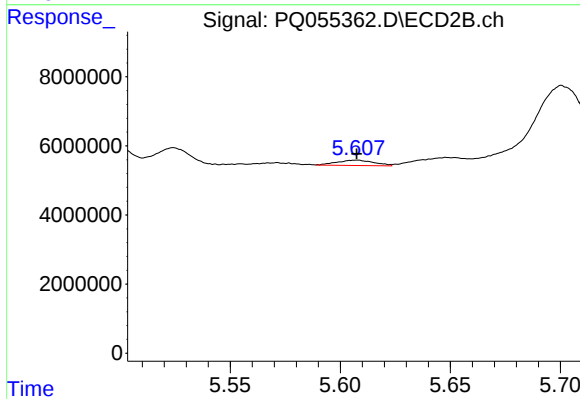
#3 AR-1016-1

R.T.: 5.571 min
Delta R.T.: -0.016 min
Response: 572749
Conc: 1.64 ng/ml



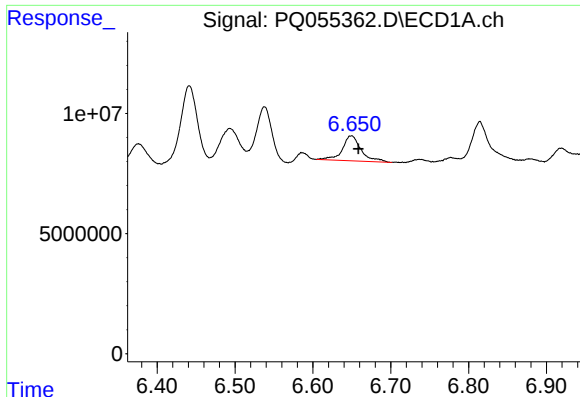
#4 AR-1016-2

R.T.: 6.586 min
Delta R.T.: -0.005 min
Response: -7962488
Conc: N.D.



#4 AR-1016-2

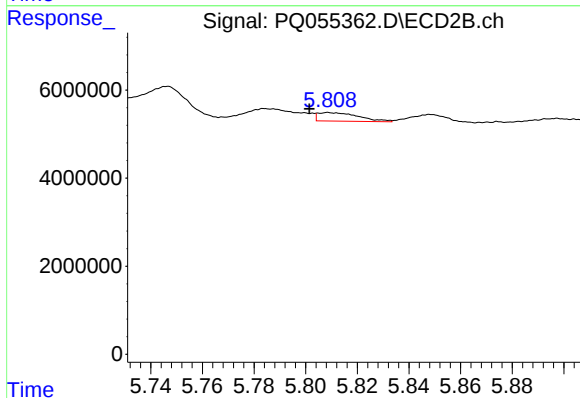
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 1798975
Conc: 3.64 ng/ml



#5 AR-1016-3

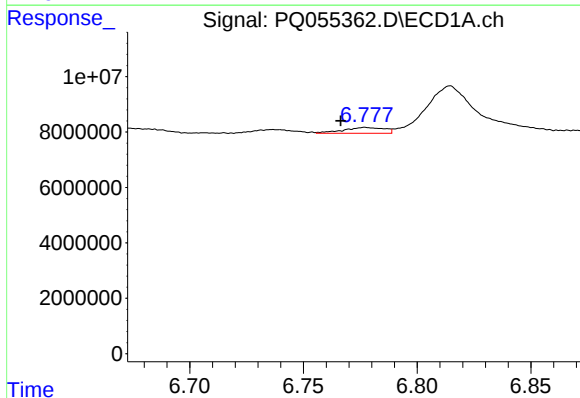
R.T.: 6.649 min
Delta R.T.: -0.009 min
Response: 17392359
Conc: 47.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



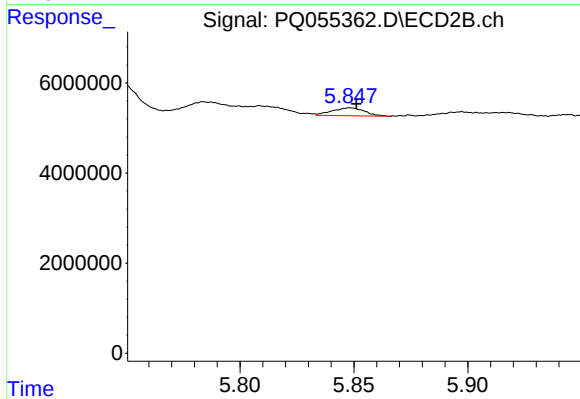
#5 AR-1016-3

R.T.: 5.809 min
Delta R.T.: 0.007 min
Response: 2116256
Conc: 8.24 ng/ml



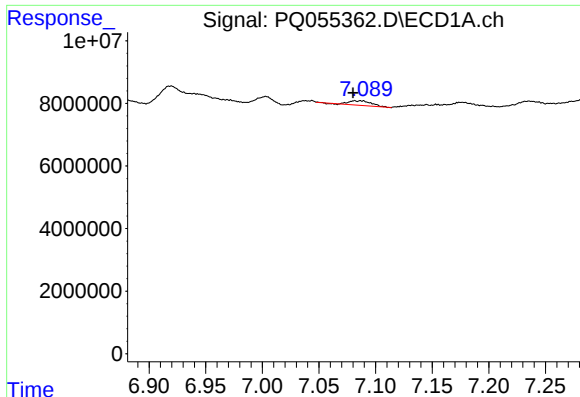
#6 AR-1016-4

R.T.: 6.777 min
Delta R.T.: 0.011 min
Response: 2620329
Conc: 8.68 ng/ml



#6 AR-1016-4

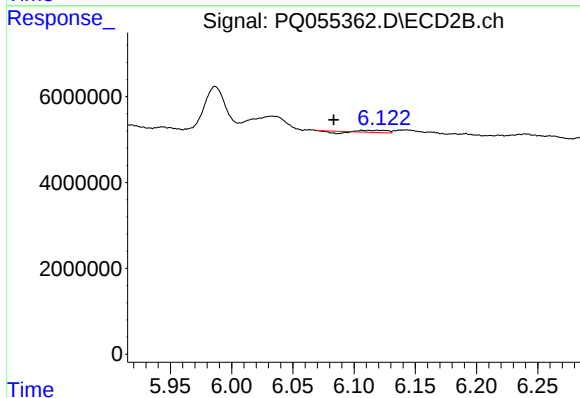
R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 1722800
Conc: 8.48 ng/ml



#7 AR-1016-5

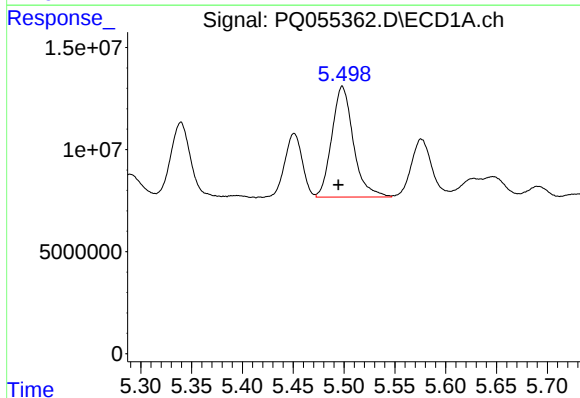
R.T.: 7.081 min
Delta R.T.: 0.001 min
Response: 2004513
Conc: 8.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



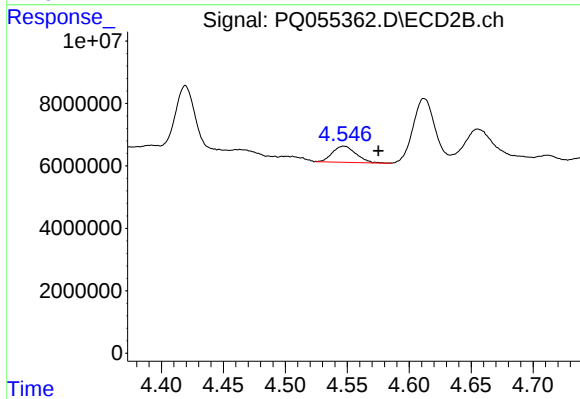
#7 AR-1016-5

R.T.: 6.112 min
Delta R.T.: 0.029 min
Response: 451267
Conc: 1.78 ng/ml



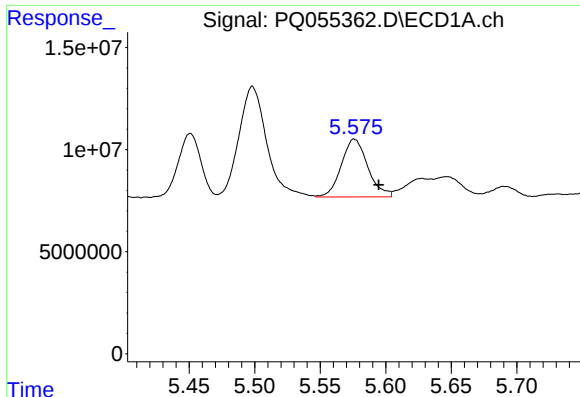
#8 AR-1221-1

R.T.: 5.498 min
Delta R.T.: 0.004 min
Response: 80121591
Conc: 642.79 ng/ml



#8 AR-1221-1

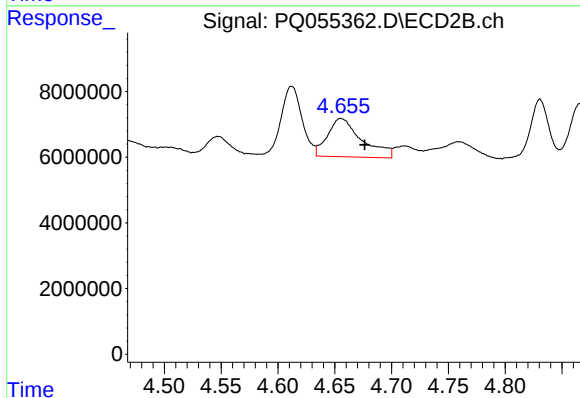
R.T.: 4.547 min
Delta R.T.: -0.028 min
Response: 6854415
Conc: 64.67 ng/ml



#9 AR-1221-2

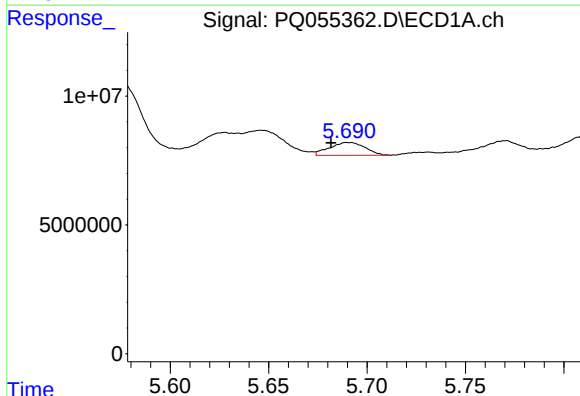
R.T.: 5.576 min
Delta R.T.: -0.019 min
Response: 39842085
Conc: 356.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



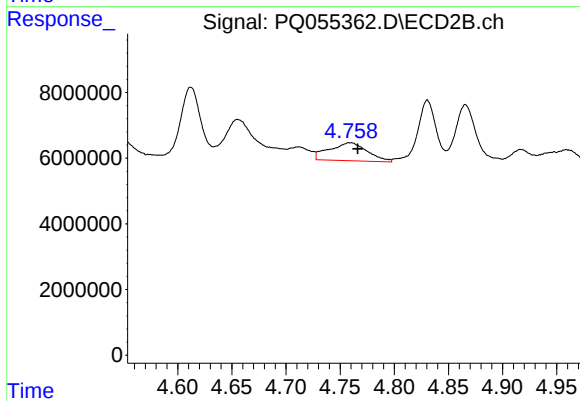
#9 AR-1221-2

R.T.: 4.655 min
Delta R.T.: -0.021 min
Response: 24381246
Conc: 318.34 ng/ml



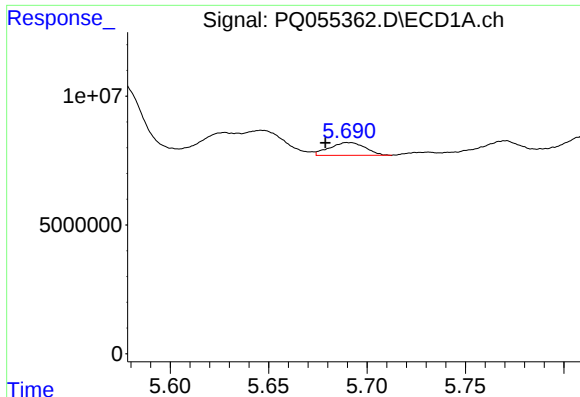
#10 AR-1221-3

R.T.: 5.691 min
Delta R.T.: 0.009 min
Response: 6323683
Conc: 21.51 ng/ml



#10 AR-1221-3

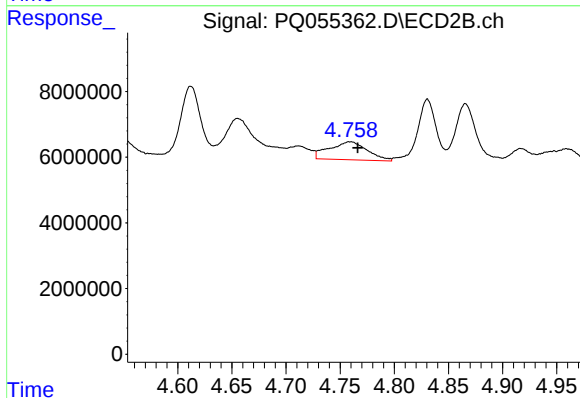
R.T.: 4.759 min
Delta R.T.: -0.007 min
Response: 13430321
Conc: 52.28 ng/ml



#11 AR-1232-1

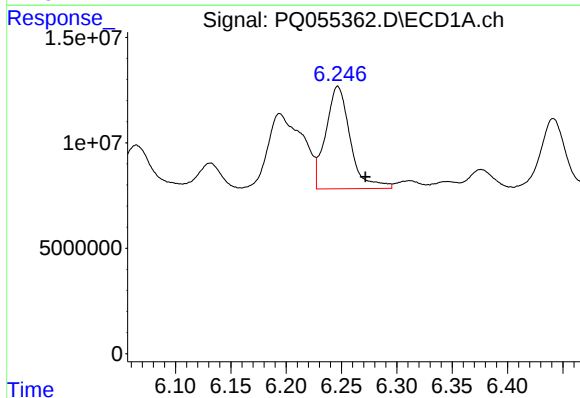
R.T.: 5.691 min
Delta R.T.: 0.012 min
Response: 6323683
Conc: 26.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



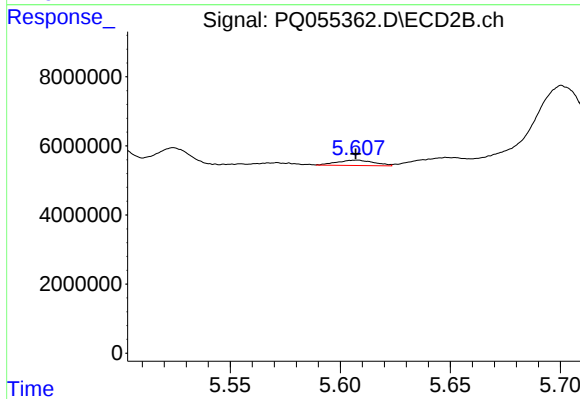
#11 AR-1232-1

R.T.: 4.759 min
Delta R.T.: -0.007 min
Response: 13430321
Conc: 63.34 ng/ml



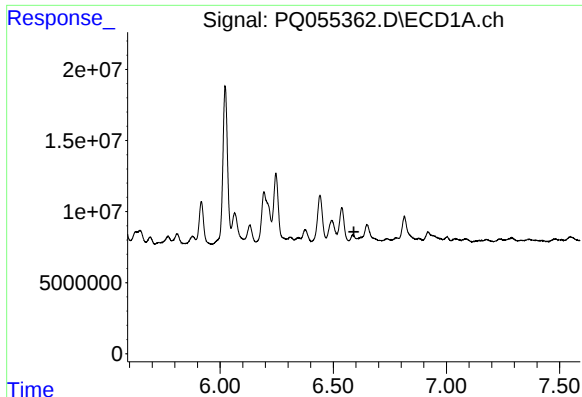
#12 AR-1232-2

R.T.: 6.247 min
Delta R.T.: -0.025 min
Response: 74896935
Conc: 617.58 ng/ml



#12 AR-1232-2

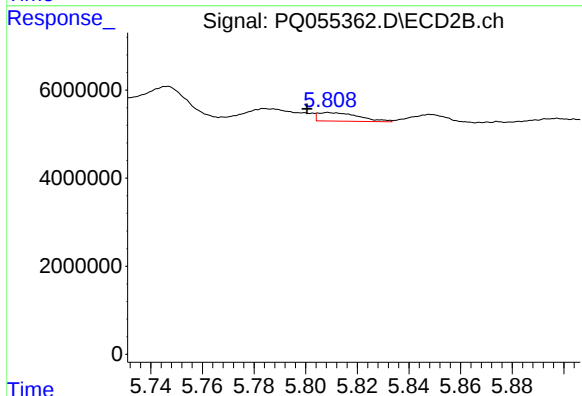
R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 1798975
Conc: 9.05 ng/ml



#13 AR-1232-3

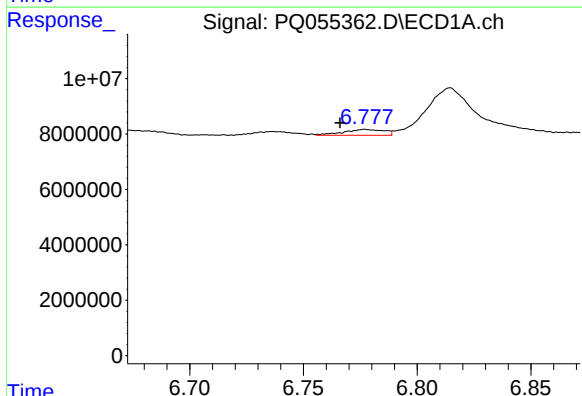
R.T.: 6.586 min
Delta R.T.: -0.005 min
Response: -7962488
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



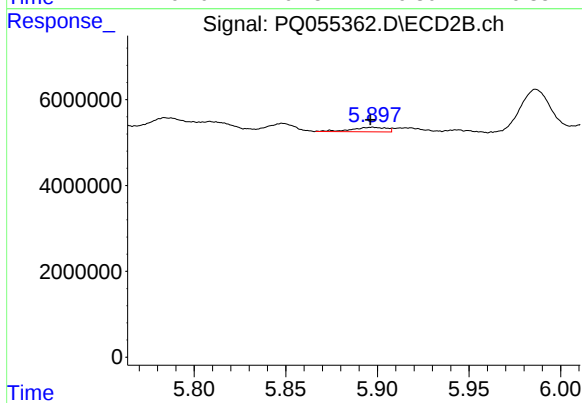
#13 AR-1232-3

R.T.: 5.809 min
Delta R.T.: 0.008 min
Response: 2116256
Conc: 20.57 ng/ml



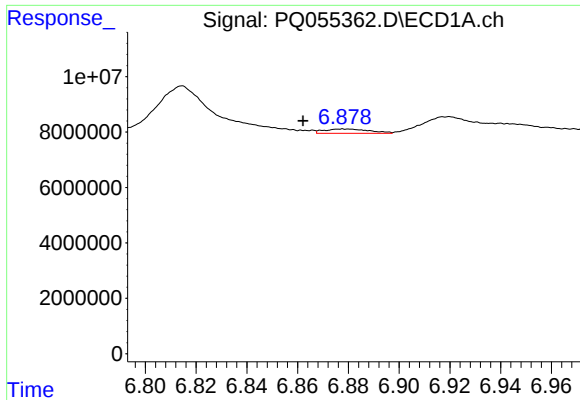
#14 AR-1232-4

R.T.: 6.777 min
Delta R.T.: 0.011 min
Response: 2620329
Conc: 20.81 ng/ml



#14 AR-1232-4

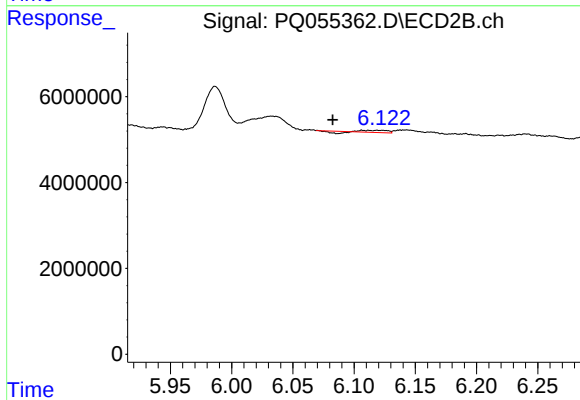
R.T.: 5.897 min
Delta R.T.: 0.001 min
Response: 1378936
Conc: 15.37 ng/ml



#15 AR-1232-5

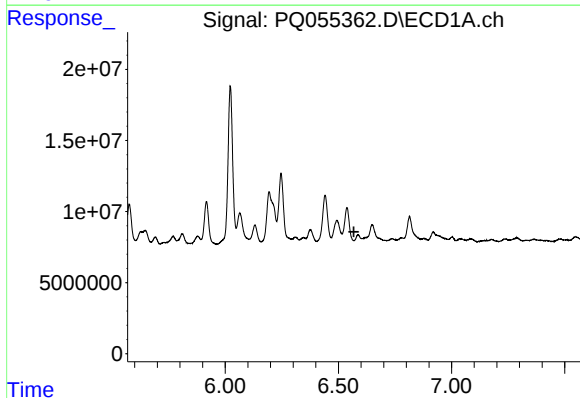
R.T.: 6.878 min
Delta R.T.: 0.016 min
Response: 1939833
Conc: 30.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



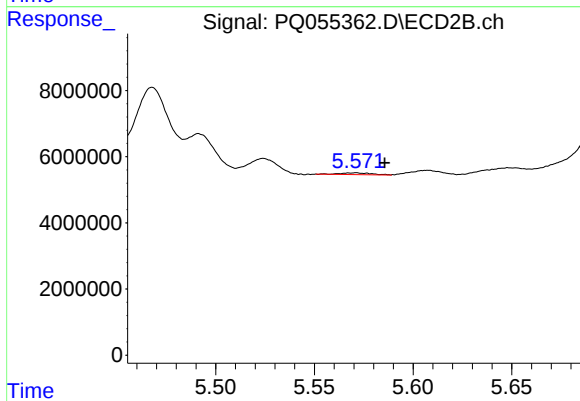
#15 AR-1232-5

R.T.: 6.112 min
Delta R.T.: 0.030 min
Response: 451267
Conc: 4.74 ng/ml



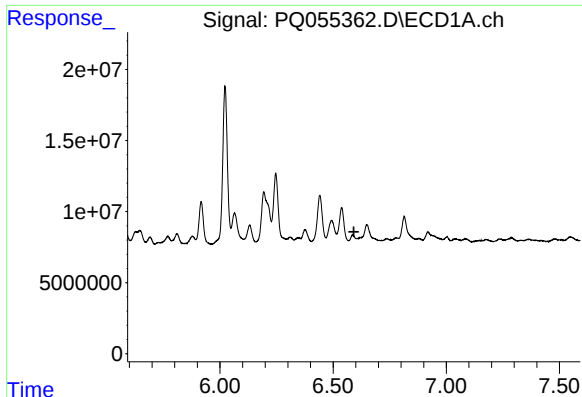
#16 AR-1242-1

R.T.: 6.586 min
Delta R.T.: 0.018 min
Response: -7962488
Conc: N.D.



#16 AR-1242-1

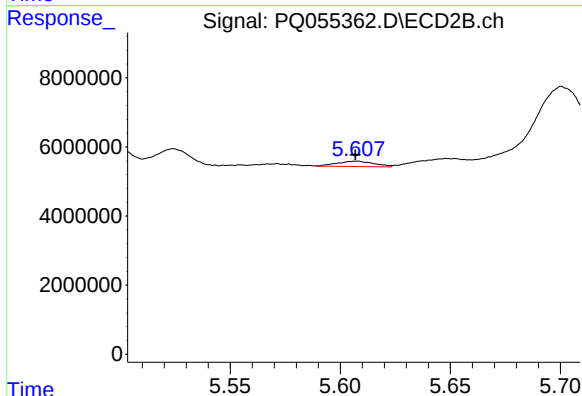
R.T.: 5.571 min
Delta R.T.: -0.015 min
Response: 572749
Conc: 2.18 ng/ml



#17 AR-1242-2

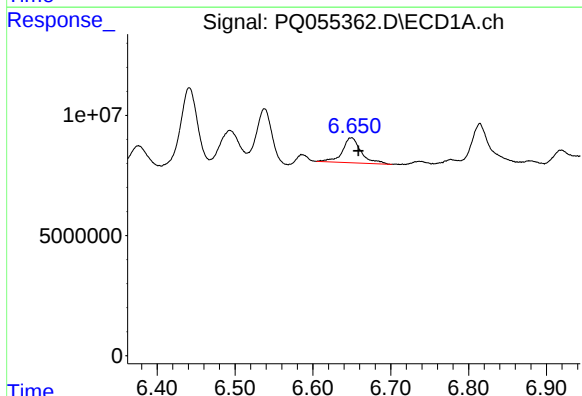
R.T.: 6.586 min
Delta R.T.: -0.005 min
Response: -7962488
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



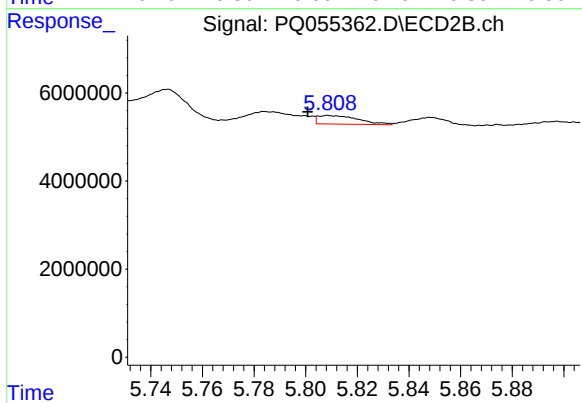
#17 AR-1242-2

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 1798975
Conc: 4.88 ng/ml



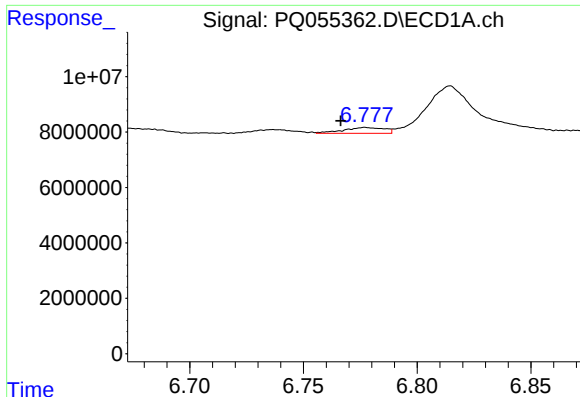
#18 AR-1242-3

R.T.: 6.649 min
Delta R.T.: -0.009 min
Response: 17392359
Conc: 64.10 ng/ml



#18 AR-1242-3

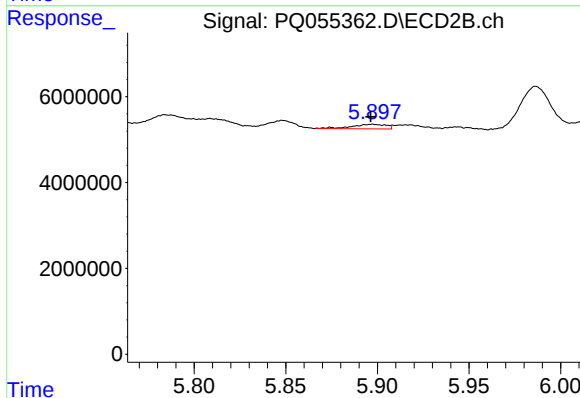
R.T.: 5.809 min
Delta R.T.: 0.008 min
Response: 2116256
Conc: 10.96 ng/ml



#19 AR-1242-4

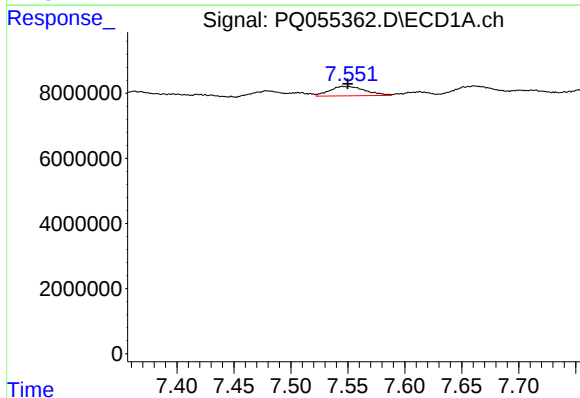
R.T.: 6.777 min
Delta R.T.: 0.011 min
Response: 2620329
Conc: 11.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



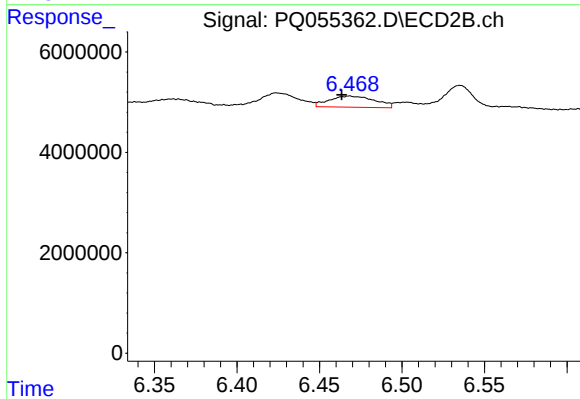
#19 AR-1242-4

R.T.: 5.897 min
Delta R.T.: 0.001 min
Response: 1378936
Conc: 7.40 ng/ml



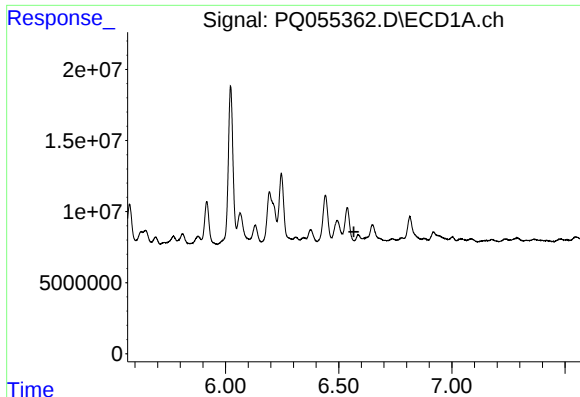
#20 AR-1242-5

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 6305679
Conc: 27.61 ng/ml



#20 AR-1242-5

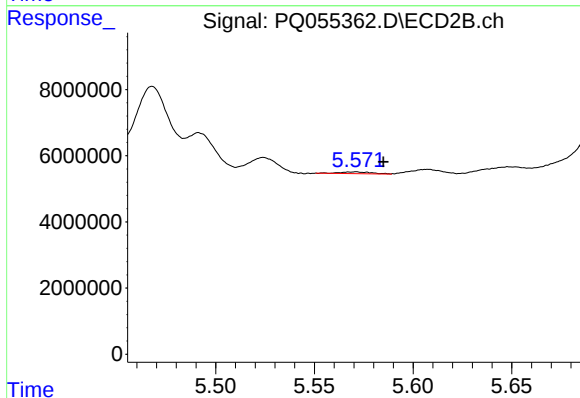
R.T.: 6.468 min
Delta R.T.: 0.005 min
Response: 4295698
Conc: 18.10 ng/ml



#21 AR-1248-1

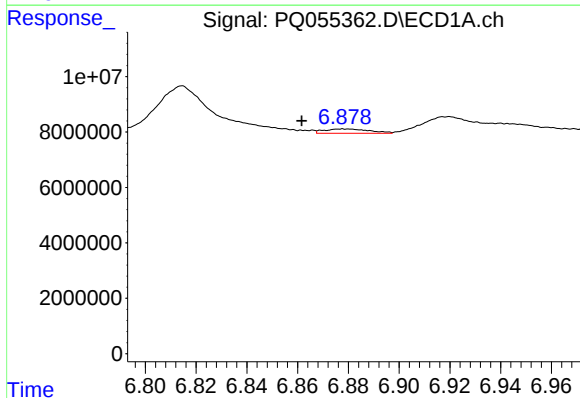
R.T.: 6.586 min
Delta R.T.: 0.019 min
Response: -7962488
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



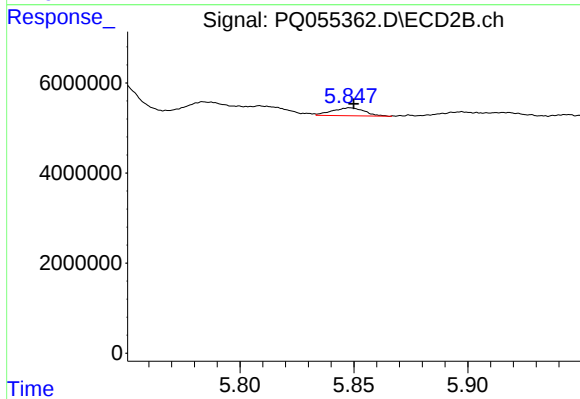
#21 AR-1248-1

R.T.: 5.571 min
Delta R.T.: -0.014 min
Response: 572749
Conc: 2.93 ng/ml



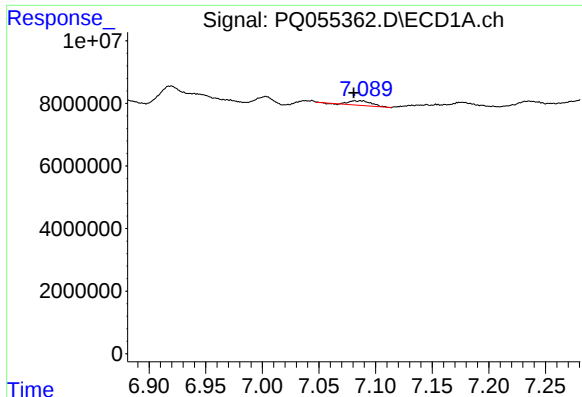
#22 AR-1248-2

R.T.: 6.878 min
Delta R.T.: 0.016 min
Response: 1939833
Conc: 7.61 ng/ml



#22 AR-1248-2

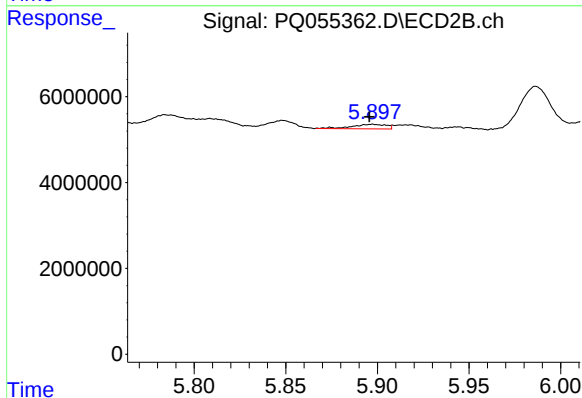
R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 1722800
Conc: 6.41 ng/ml



#23 AR-1248-3

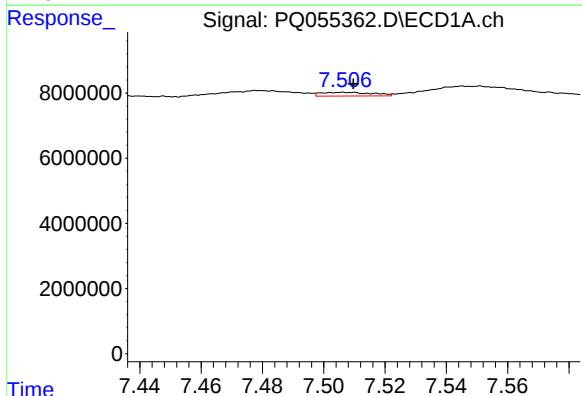
R.T.: 7.081 min
Delta R.T.: 0.000 min
Response: 2004513
Conc: 6.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



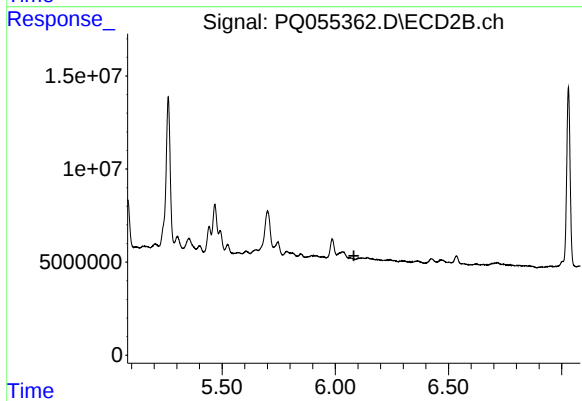
#23 AR-1248-3

R.T.: 5.897 min
Delta R.T.: 0.002 min
Response: 1378936
Conc: 4.93 ng/ml



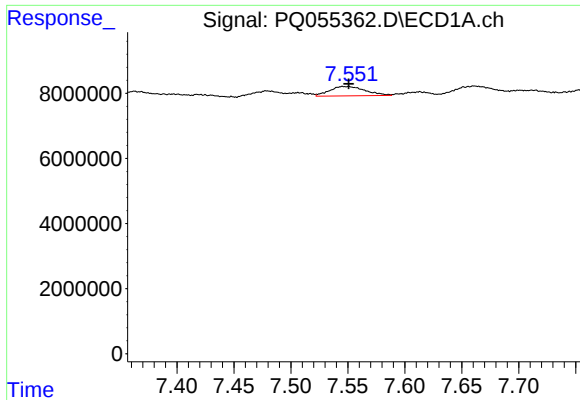
#24 AR-1248-4

R.T.: 7.507 min
Delta R.T.: -0.003 min
Response: 1358674
Conc: 3.68 ng/ml



#24 AR-1248-4

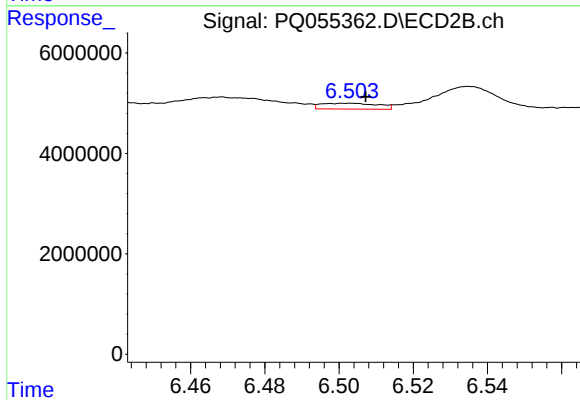
R.T.: 0.000 min
Exp R.T. : 6.082 min
Response: 0
Conc: N.D.



#25 AR-1248-5

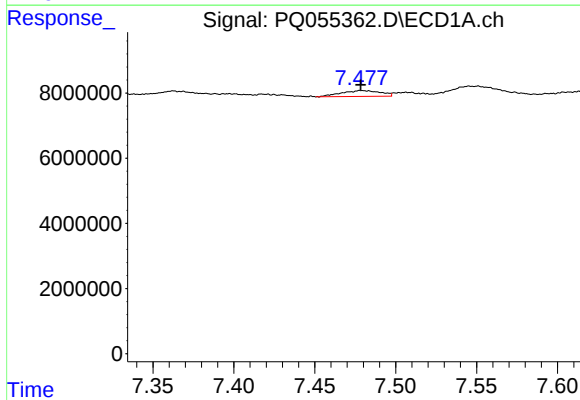
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 6305679
Conc: 16.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



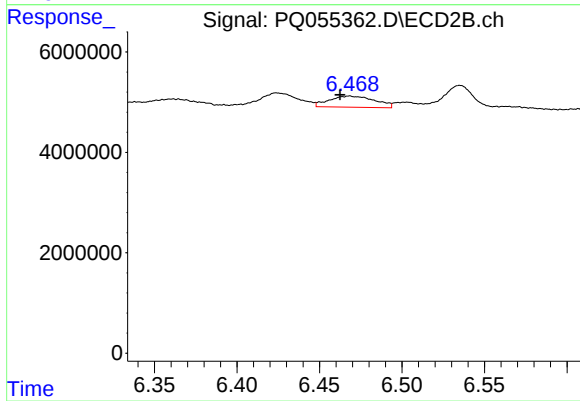
#25 AR-1248-5

R.T.: 6.503 min
Delta R.T.: -0.005 min
Response: 1246720
Conc: 3.79 ng/ml



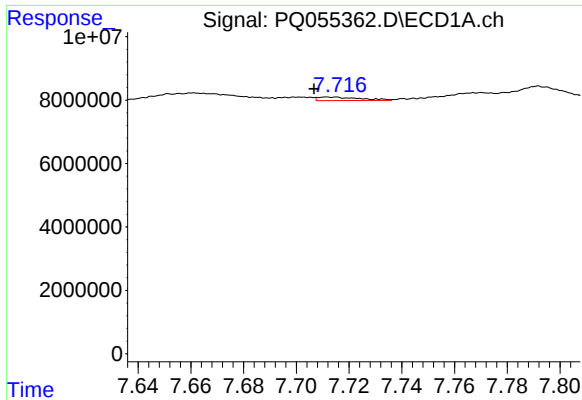
#26 AR-1254-1

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 3020715
Conc: 8.13 ng/ml



#26 AR-1254-1

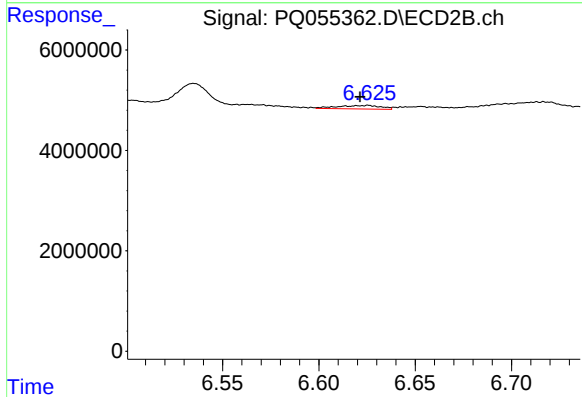
R.T.: 6.468 min
Delta R.T.: 0.006 min
Response: 4295698
Conc: 7.92 ng/ml



#27 AR-1254-2

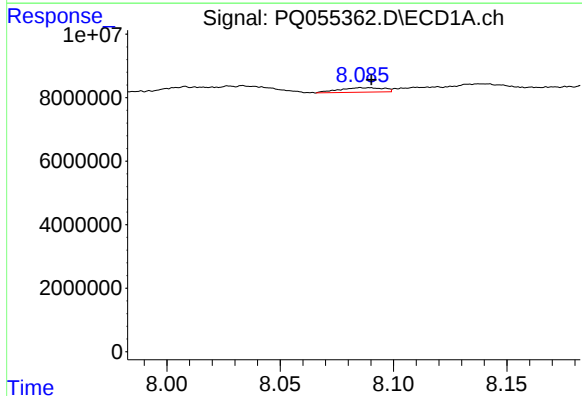
R.T.: 7.712 min
Delta R.T.: 0.006 min
Response: 1279627
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



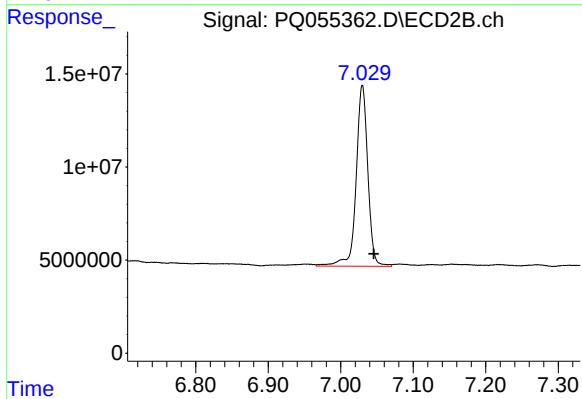
#27 AR-1254-2

R.T.: 6.626 min
Delta R.T.: 0.004 min
Response: 1121828
Conc: 2.40 ng/ml



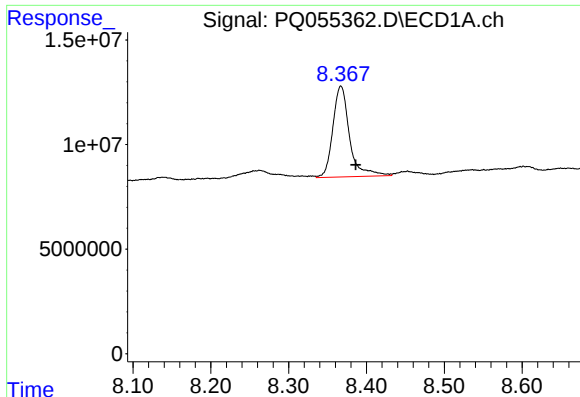
#28 AR-1254-3

R.T.: 8.086 min
Delta R.T.: -0.004 min
Response: 1917043
Conc: 2.72 ng/ml



#28 AR-1254-3

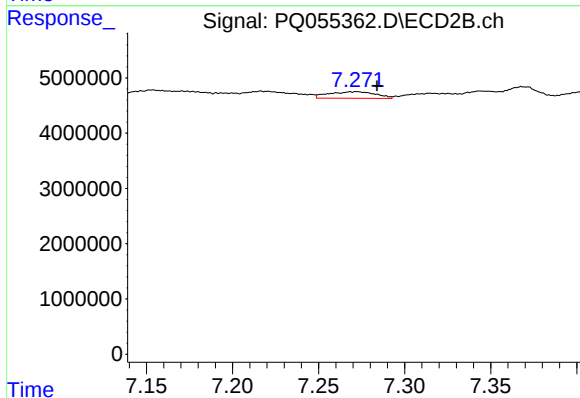
R.T.: 7.030 min
Delta R.T.: -0.016 min
Response: 109304377
Conc: 143.69 ng/ml



#29 AR-1254-4

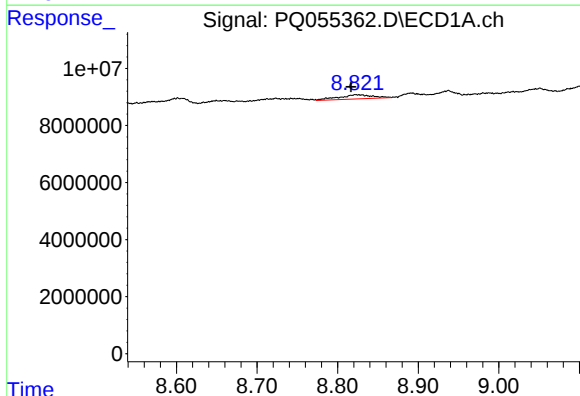
R.T.: 8.367 min
Delta R.T.: -0.019 min
Response: 64610433
Conc: 122.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



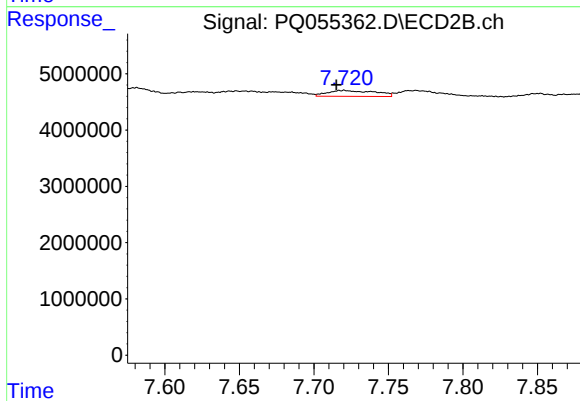
#29 AR-1254-4

R.T.: 7.272 min
Delta R.T.: -0.012 min
Response: 2237826
Conc: 4.81 ng/ml



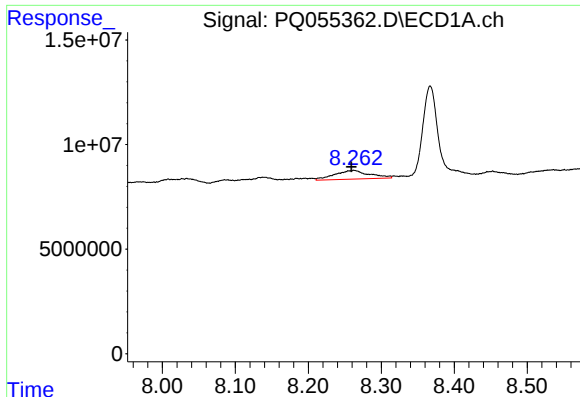
#30 AR-1254-5

R.T.: 8.823 min
Delta R.T.: 0.006 min
Response: 4318004
Conc: 7.59 ng/ml



#30 AR-1254-5

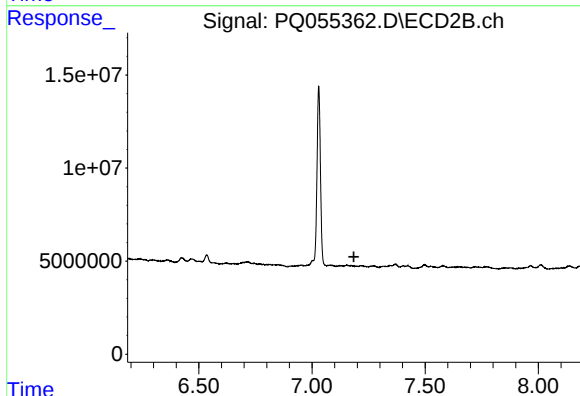
R.T.: 7.720 min
Delta R.T.: 0.005 min
Response: 2352794
Conc: 3.65 ng/ml



#31 AR-1260-1

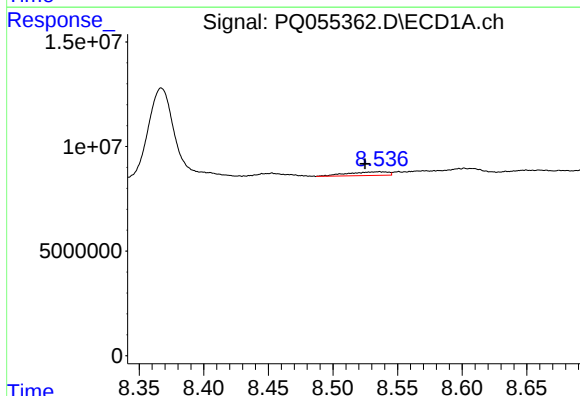
R.T.: 8.263 min
Delta R.T.: 0.004 min
Response: 13913258
Conc: 31.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



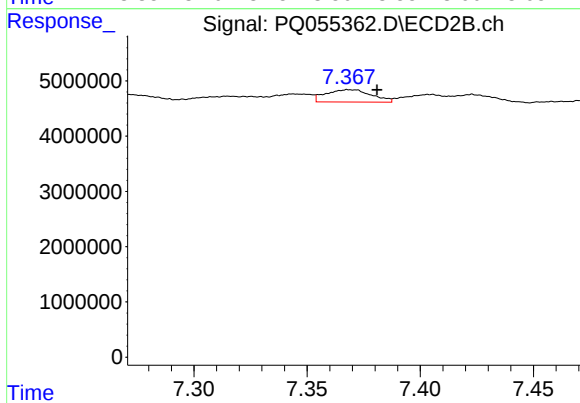
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.185 min
Response: 0
Conc: N.D.



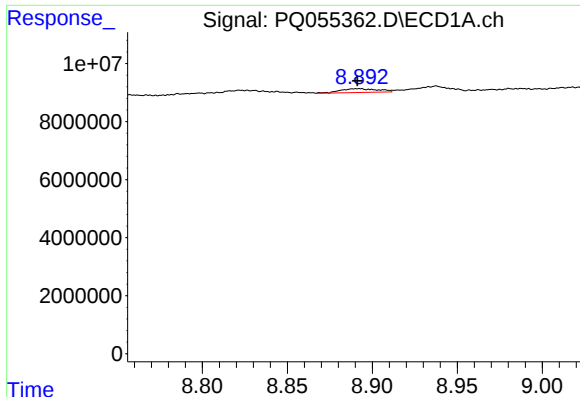
#32 AR-1260-2

R.T.: 8.536 min
Delta R.T.: 0.011 min
Response: 3760638
Conc: 6.96 ng/ml



#32 AR-1260-2

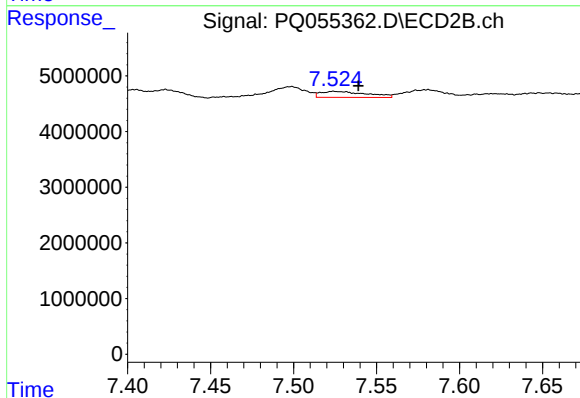
R.T.: 7.369 min
Delta R.T.: -0.012 min
Response: 3147521
Conc: 5.54 ng/ml



#33 AR-1260-3

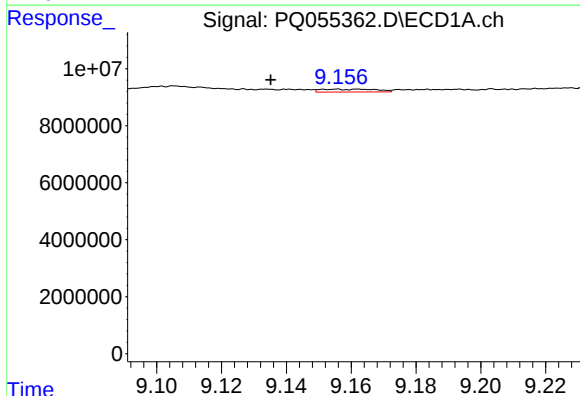
R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 2039732
Conc: 5.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



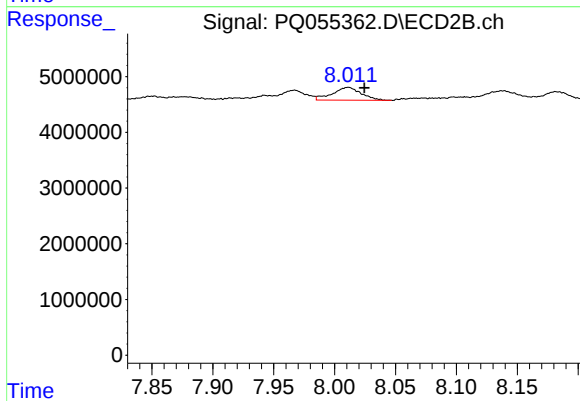
#33 AR-1260-3

R.T.: 7.524 min
Delta R.T.: -0.015 min
Response: 2099027
Conc: 3.70 ng/ml



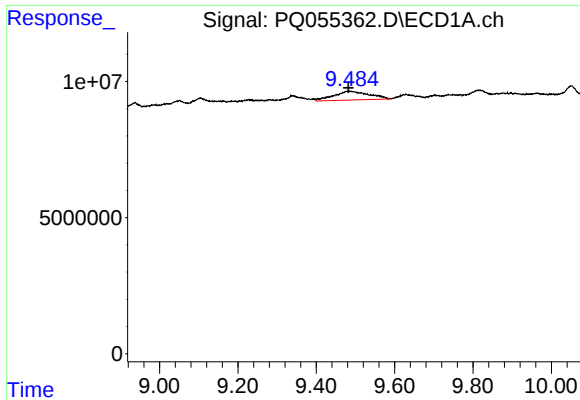
#34 AR-1260-4

R.T.: 9.155 min
Delta R.T.: 0.020 min
Response: 1187073
Conc: 2.42 ng/ml



#34 AR-1260-4

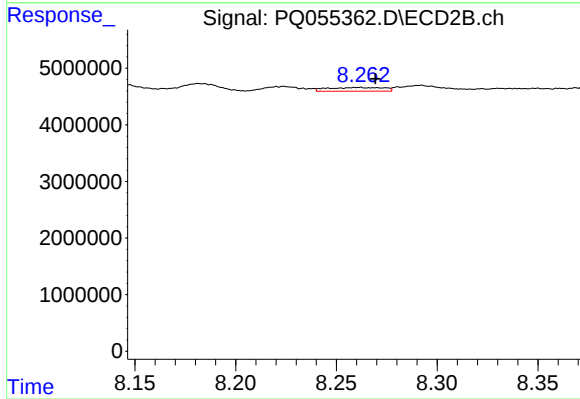
R.T.: 8.011 min
Delta R.T.: -0.013 min
Response: 3812203
Conc: 9.25 ng/ml



#35 AR-1260-5

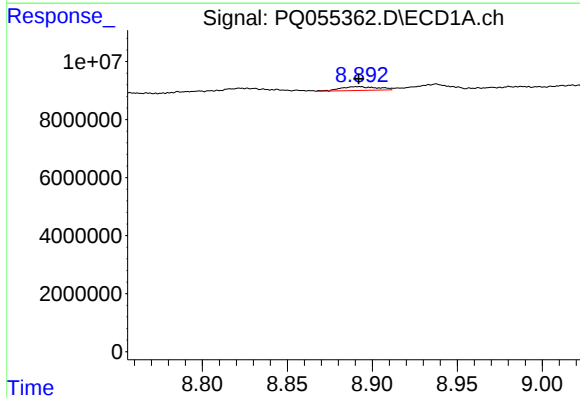
R.T.: 9.484 min
Delta R.T.: 0.002 min
Response: 20252720
Conc: 17.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



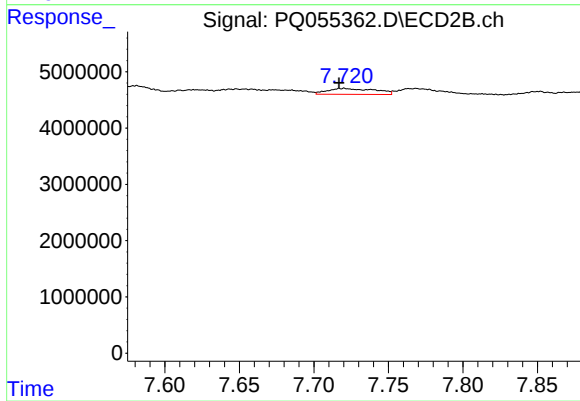
#35 AR-1260-5

R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 1280769
Conc: 1.26 ng/ml



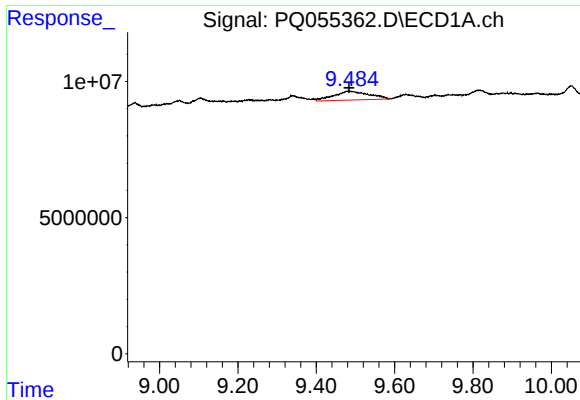
#36 AR-1262-1

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 2039732
Conc: 3.71 ng/ml



#36 AR-1262-1

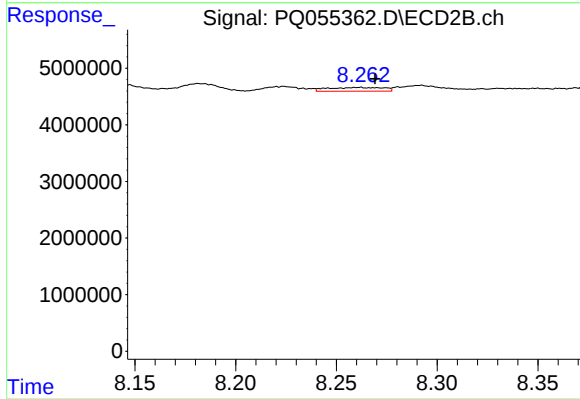
R.T.: 7.720 min
Delta R.T.: 0.003 min
Response: 2352794
Conc: 7.76 ng/ml



#37 AR-1262-2

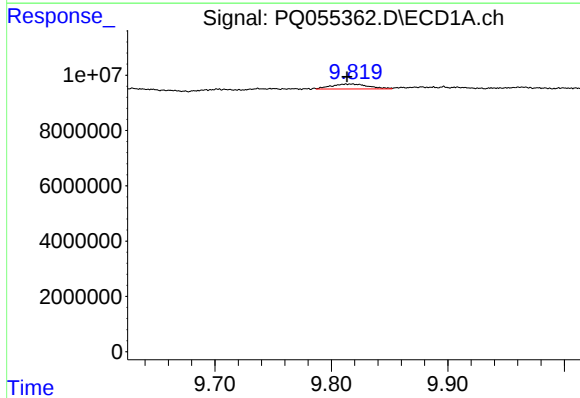
R.T.: 9.484 min
Delta R.T.: 0.000 min
Response: 20252720
Conc: 16.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



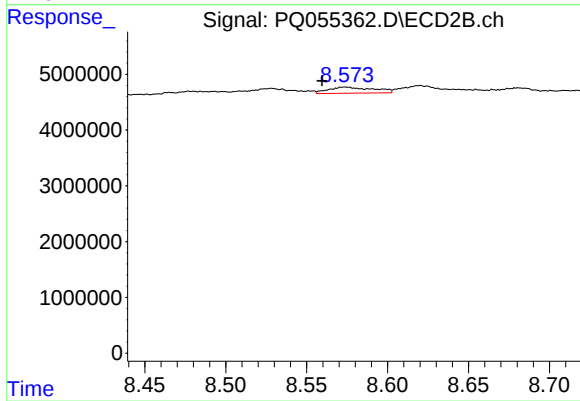
#37 AR-1262-2

R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 1280769
Conc: 1.17 ng/ml



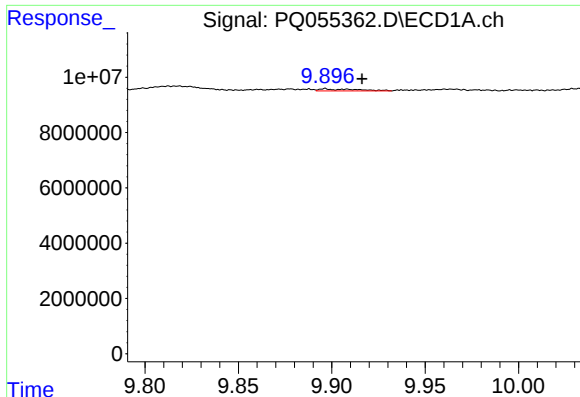
#38 AR-1262-3

R.T.: 9.813 min
Delta R.T.: 0.000 min
Response: 3901631
Conc: 6.46 ng/ml



#38 AR-1262-3

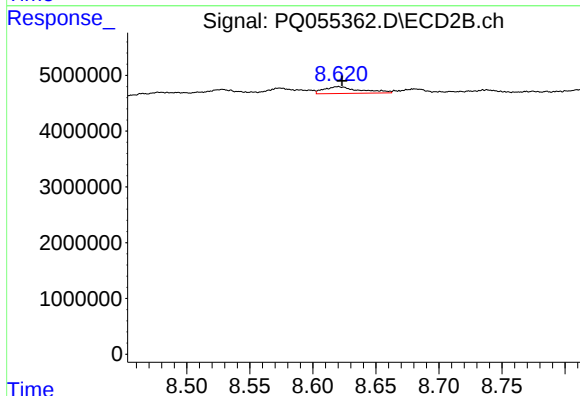
R.T.: 8.574 min
Delta R.T.: 0.014 min
Response: 2136289
Conc: 5.33 ng/ml



#39 AR-1262-4

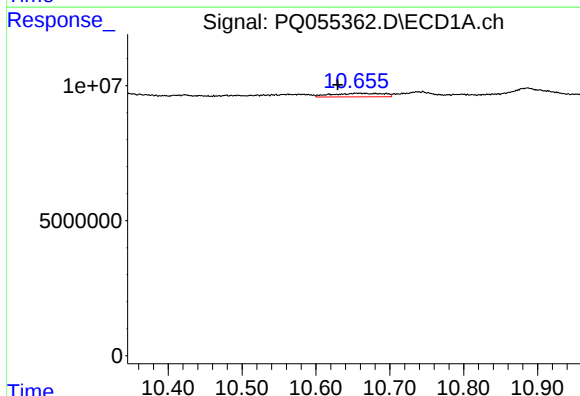
R.T.: 9.897 min
Delta R.T.: -0.020 min
Response: 996783
Conc: 2.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



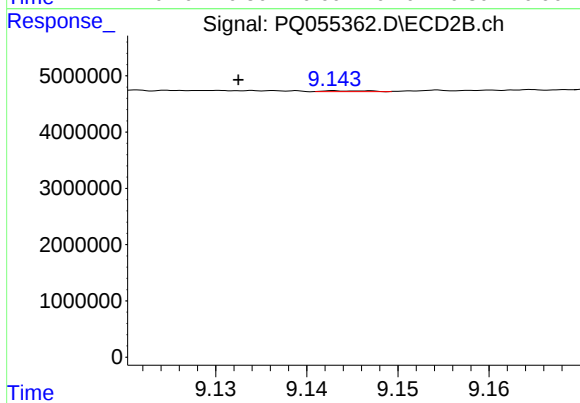
#39 AR-1262-4

R.T.: 8.620 min
Delta R.T.: -0.003 min
Response: 2416534
Conc: 3.11 ng/ml



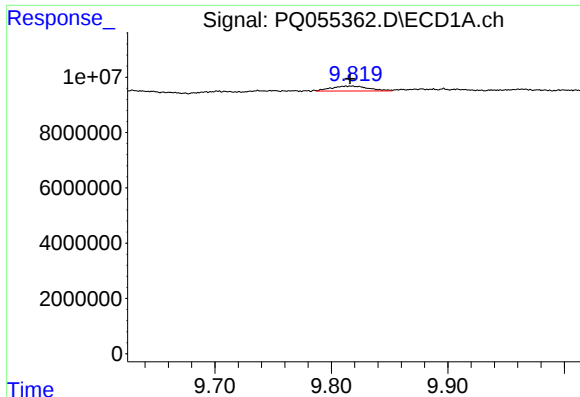
#40 AR-1262-5

R.T.: 10.656 min
Delta R.T.: 0.027 min
Response: 6495062
Conc: 11.30 ng/ml



#40 AR-1262-5

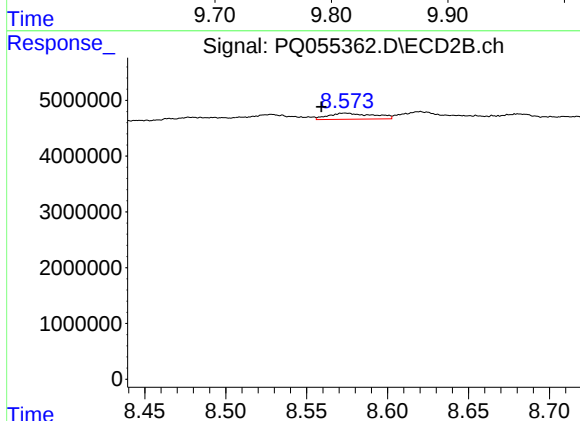
R.T.: 9.145 min
Delta R.T.: 0.013 min
Response: 49916
Conc: 0.14 ng/ml



#41 AR-1268-1

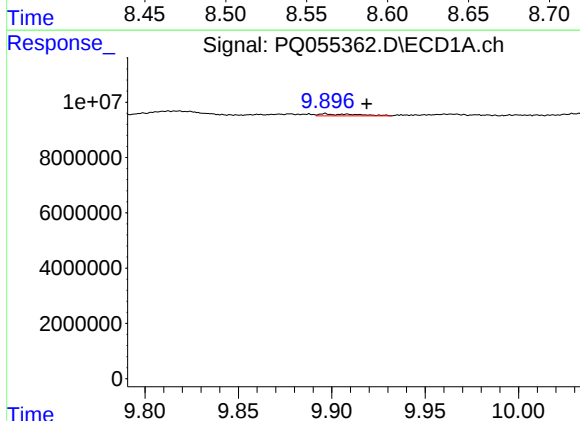
R.T.: 9.813 min
Delta R.T.: -0.003 min
Response: 3901631
Conc: 2.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



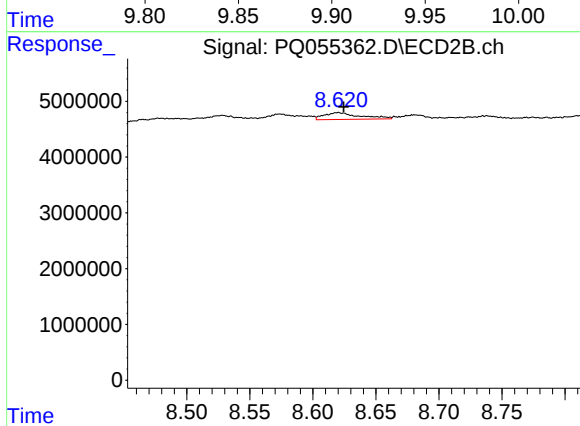
#41 AR-1268-1

R.T.: 8.574 min
Delta R.T.: 0.015 min
Response: 2136289
Conc: 1.67 ng/ml



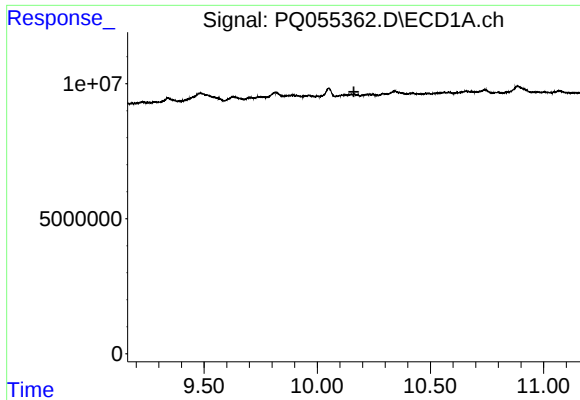
#42 AR-1268-2

R.T.: 9.897 min
Delta R.T.: -0.022 min
Response: 996783
Conc: 0.59 ng/ml



#42 AR-1268-2

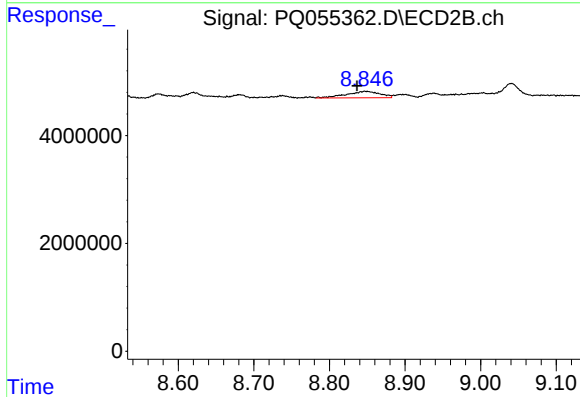
R.T.: 8.620 min
Delta R.T.: -0.005 min
Response: 2416534
Conc: 2.06 ng/ml



#43 AR-1268-3

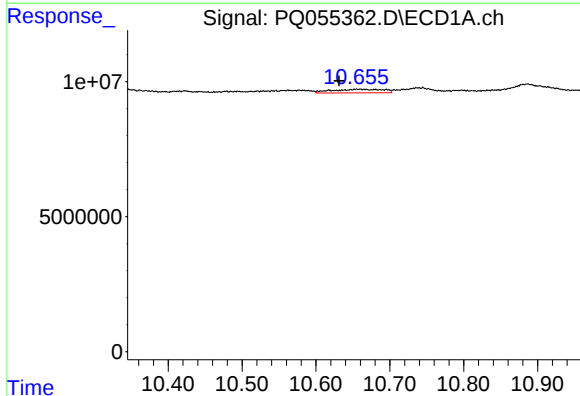
R.T.: 0.000 min
Exp R.T.: 10.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



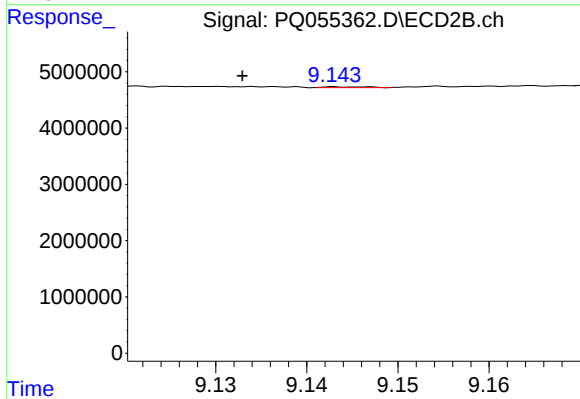
#43 AR-1268-3

R.T.: 8.847 min
Delta R.T.: 0.011 min
Response: 3705105
Conc: 3.80 ng/ml



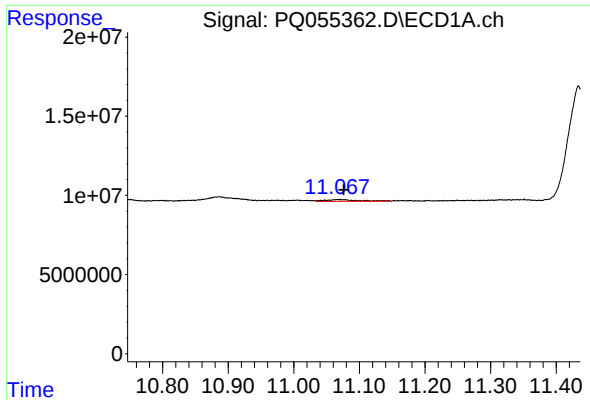
#44 AR-1268-4

R.T.: 10.656 min
Delta R.T.: 0.025 min
Response: 6495062
Conc: 9.83 ng/ml



#44 AR-1268-4

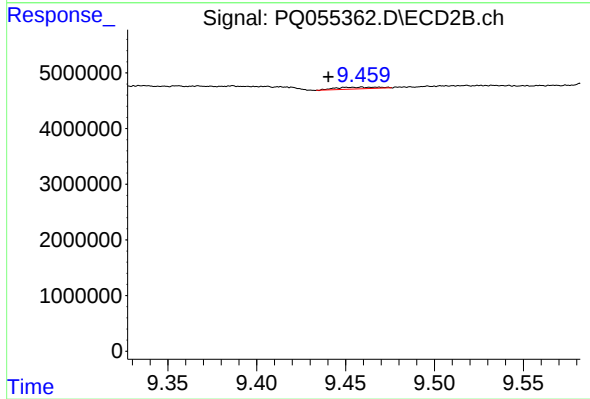
R.T.: 9.145 min
Delta R.T.: 0.012 min
Response: 49916
Conc: 0.12 ng/ml



#45 AR-1268-5

R.T.: 11.068 min
Delta R.T.: -0.008 min
Response: 3916667
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.459 min
Delta R.T.: 0.019 min
Response: 508261
Conc: 0.16 ng/ml