

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071223\
 Data File : PQ062119.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 13:57
 Operator : YP\AJ
 Sample : 03566-07
 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: Jul 12 20:46:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 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...	3.405	2.758	82995899	47801903	17.014	19.051
2)	SA Decachlor...	8.585	7.529	53962246	51833202	14.854	15.555
Target Compounds							
3)	L1 AR-1016-1	4.527	3.759	-3549227	2509513	N.D.	25.355 #
5)	L1 AR-1016-3	4.590	3.938	880089	387349	5.775	5.134
6)	L1 AR-1016-4	4.652	3.983	738071	3343962	5.888	50.914 #
7)	L1 AR-1016-5	4.946	4.177	8730720	6495219	71.730	79.228
8)	L2 AR-1221-1	3.586	2.949	1663312	833481	27.672	25.260
9)	L2 AR-1221-2	3.682	3.047	1770423	127698	39.402	5.027 #
10)	L2 AR-1221-3	3.765	3.104	2704361	196506	19.246	2.549 #
11)	L3 AR-1232-1	3.765	3.104	2704361	196506	25.609	3.430 #
12)	L3 AR-1232-2	4.241	3.778	7770380	713661	131.365	10.723 #
14)	L3 AR-1232-4	4.693	4.019	1257581	5990852	22.193	201.442 #
15)	L3 AR-1232-5	4.771	4.177	6454163	6495219	161.153	182.139
16)	L4 AR-1242-1	4.527	3.759	-3549227	2509513	N.D.	32.448 #
18)	L4 AR-1242-3	4.590	3.938	880089	387349	7.283	6.613
19)	L4 AR-1242-4	4.693	4.019	1257581	5990852	12.900	102.184 #
20)	L4 AR-1242-5	5.390	4.514	5440720	17088078	56.834	206.147 #
21)	L5 AR-1248-1	4.527	3.759	-3549227	2509513	N.D.	40.139 #
22)	L5 AR-1248-2	4.771	3.983	6454163	3343962	44.926	35.662
23)	L5 AR-1248-3	4.946	4.019	8730720	5990852	50.260	66.165 #
24)	L5 AR-1248-4	5.354	4.177	3686166	6495219	19.206	57.562 #
25)	L5 AR-1248-5	5.390	4.552	5440720	11276530	30.039	100.654 #
26)	L6 AR-1254-1	5.329	4.514	12346303	17088078	66.442	105.833 #
27)	L6 AR-1254-2	5.537	4.661	18821334	18724801	64.742	127.185 #
28)	L6 AR-1254-3	5.897	5.043	25104765	31792402	81.737	136.039 #
29)	L6 AR-1254-4	6.182	5.269	10251968	17819033	44.153	116.912 #
30)	L6 AR-1254-5	6.595	5.675	21685081	30597291	84.420	132.573 #
31)	L7 AR-1260-1	6.045	5.173	27354008	27746980	115.940	166.595 #
32)	L7 AR-1260-2	6.319	5.364	21869708	26229018	75.723	126.134 #
33)	L7 AR-1260-3	6.675	5.500	14299357	19004689	80.981	97.681
34)	L7 AR-1260-4	6.916	5.964	18596536	19861640	88.282	136.168 #
35)	L7 AR-1260-5	7.205	6.211	22250178	23526339	54.188	70.850 #
36)	L8 AR-1262-1	6.675	5.718	14299357	16856293	46.892	72.509 #
37)	L8 AR-1262-2	7.205	5.964	22250178	19861640	42.243	91.864 #
38)	L8 AR-1262-3	7.479	6.490	50721289	37391236	143.971	214.488 #
39)	L8 AR-1262-4	7.558	6.552	41021680	29671389	153.800	92.063 #
40)	L8 AR-1262-5	8.061	7.046	10269734	8204019	57.855	52.890
41)	L9 AR-1268-1	7.479	6.490	50721289	37391236	89.380	79.465
42)	L9 AR-1268-2	7.558	6.552	41021680	29671389	80.455	70.029
43)	L9 AR-1268-3	7.738	6.752	30180597	26076197	70.718	70.798
44)	L9 AR-1268-4	8.061	7.046	10269734	8204019	56.123	51.296

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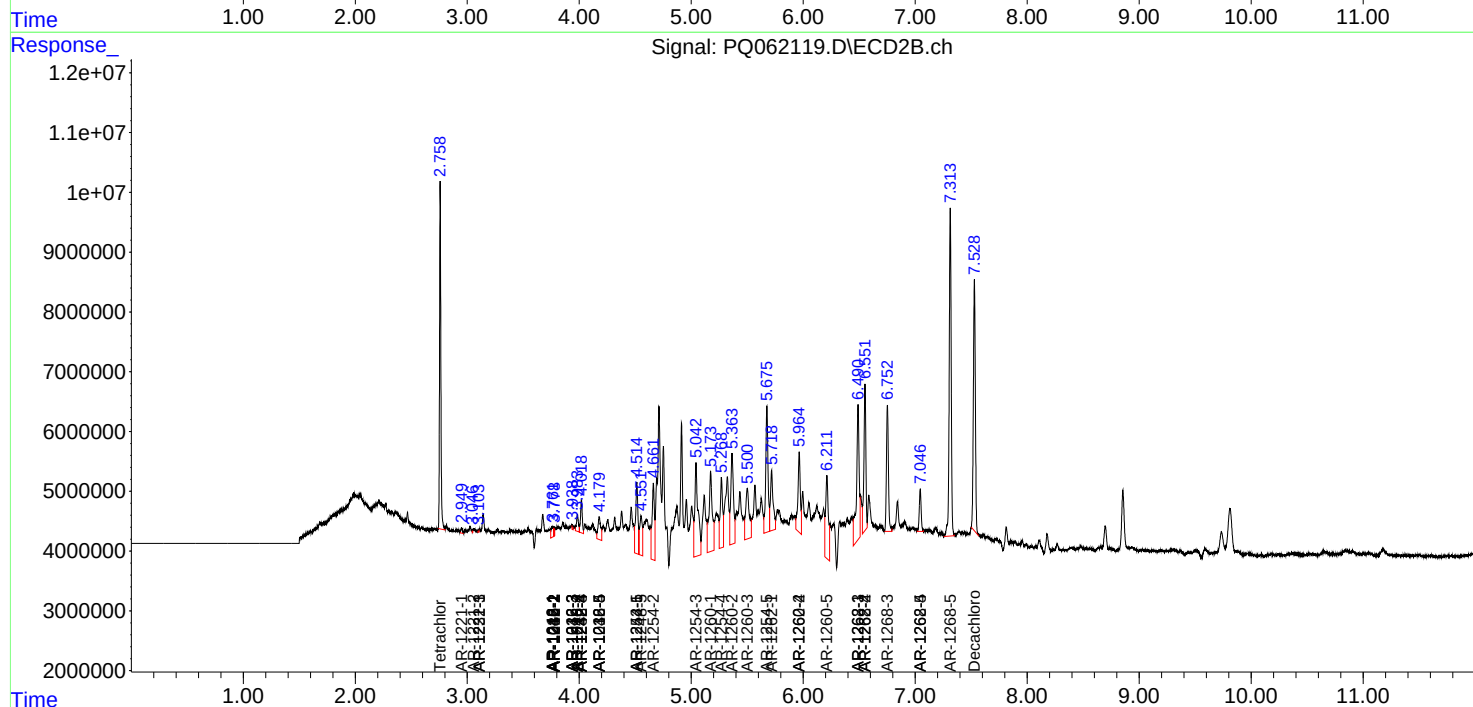
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

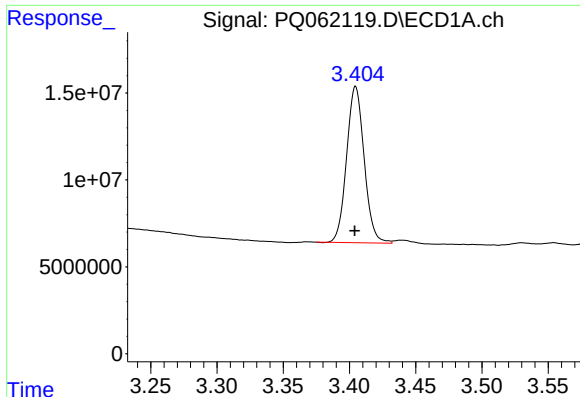
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	8.352	7.313	73317901	68430550	58.154	58.640

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

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

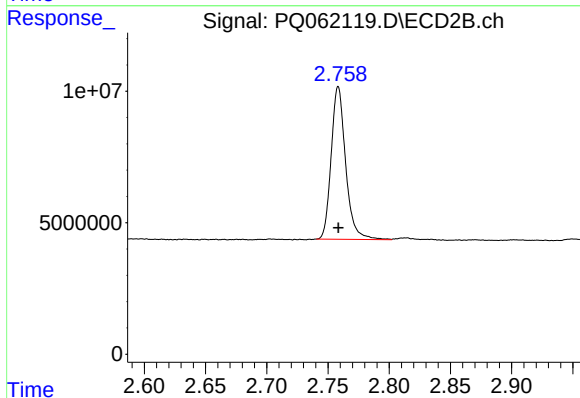




#1 Tetrachloro-m-xylene

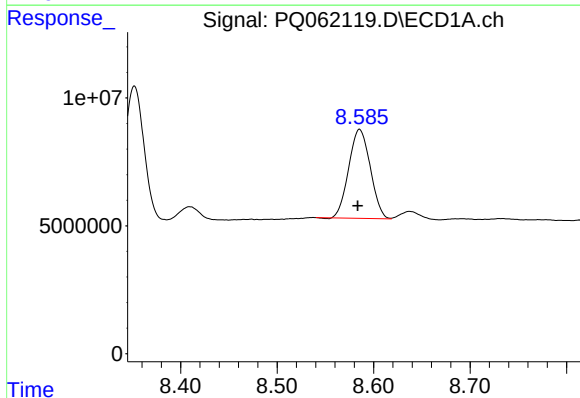
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 82995899
Conc: 17.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



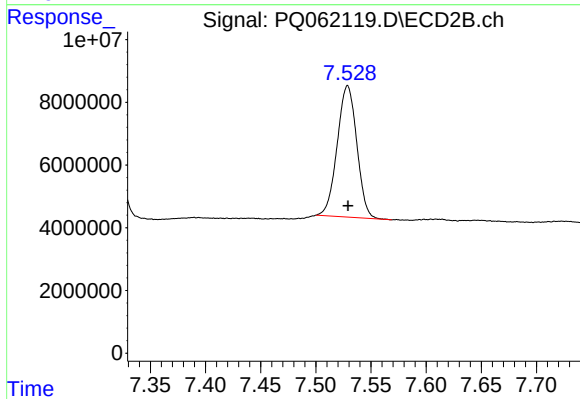
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 47801903
Conc: 19.05 ng/ml



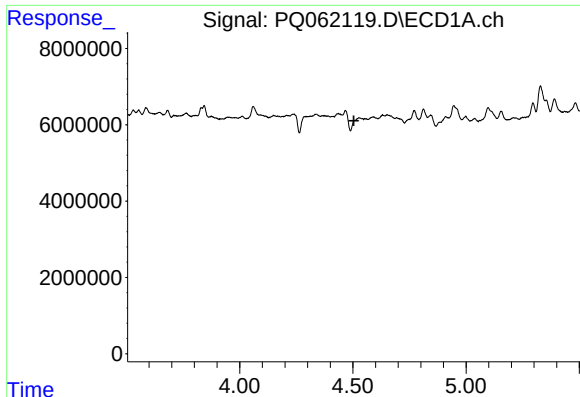
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.002 min
Response: 53962246
Conc: 14.85 ng/ml



#2 Decachlorobiphenyl

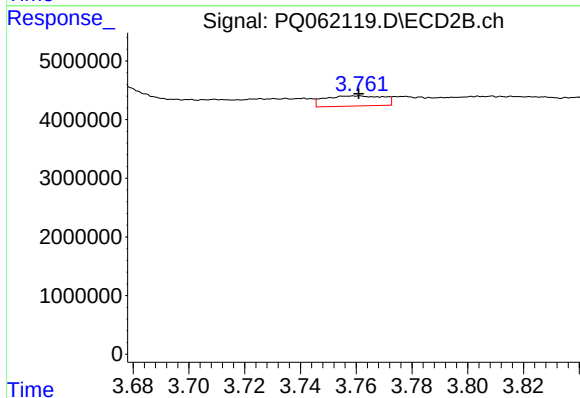
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 51833202
Conc: 15.56 ng/ml



#3 AR-1016-1

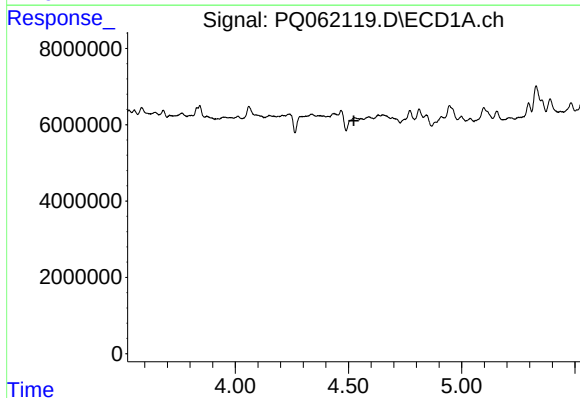
R.T.: 4.527 min
Delta R.T.: 0.023 min
Response: -3549227
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



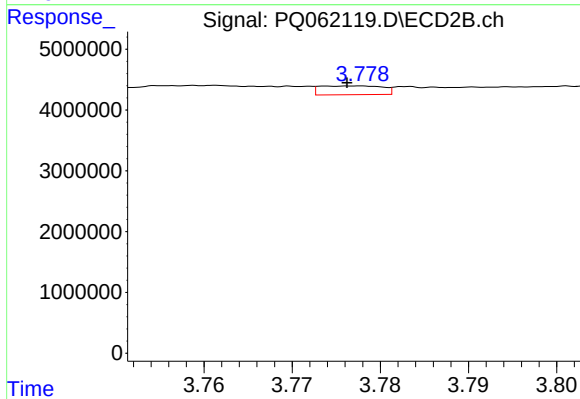
#3 AR-1016-1

R.T.: 3.759 min
Delta R.T.: -0.002 min
Response: 2509513
Conc: 25.35 ng/ml



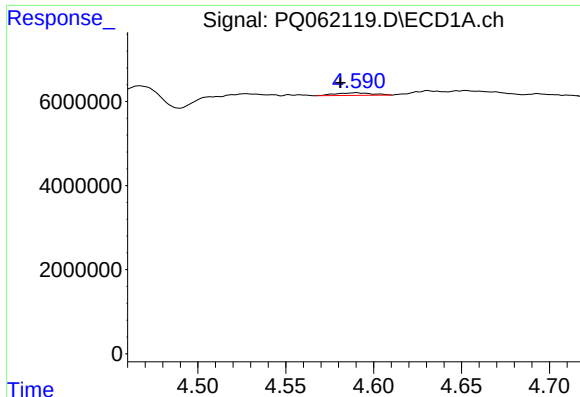
#4 AR-1016-2

R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: -3549227
Conc: N.D.



#4 AR-1016-2

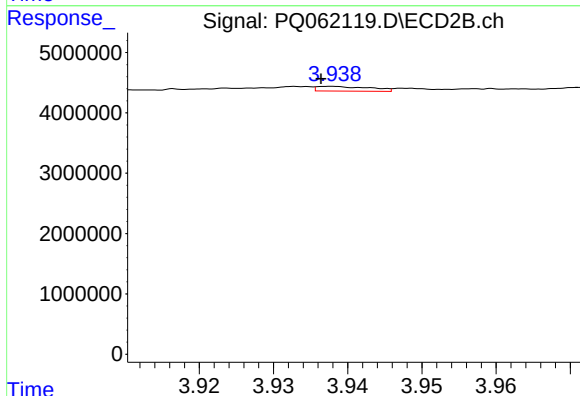
R.T.: 3.778 min
Delta R.T.: 0.002 min
Response: 713661
Conc: 4.95 ng/ml



#5 AR-1016-3

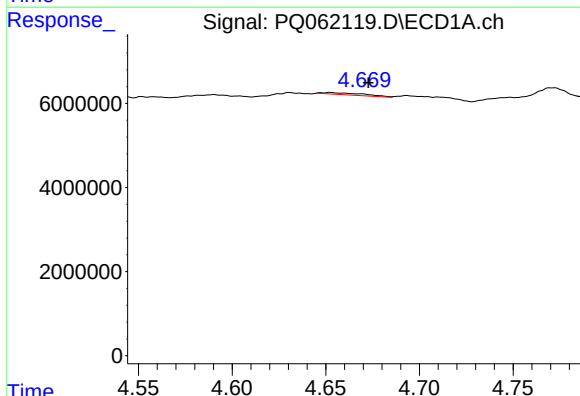
R.T.: 4.590 min
Delta R.T.: 0.009 min
Response: 880089
Conc: 5.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



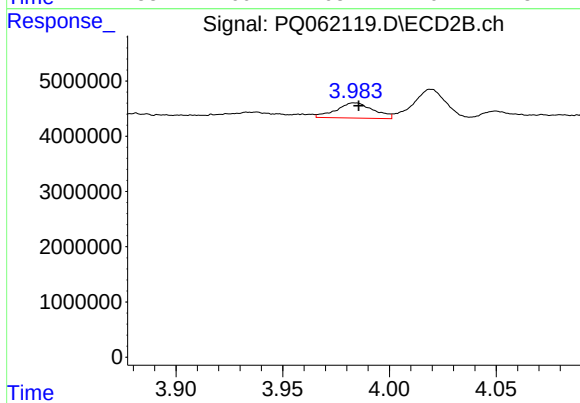
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: 0.002 min
Response: 387349
Conc: 5.13 ng/ml



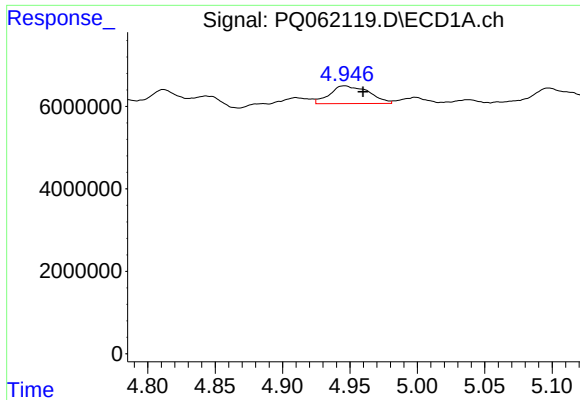
#6 AR-1016-4

R.T.: 4.652 min
Delta R.T.: -0.020 min
Response: 738071
Conc: 5.89 ng/ml



#6 AR-1016-4

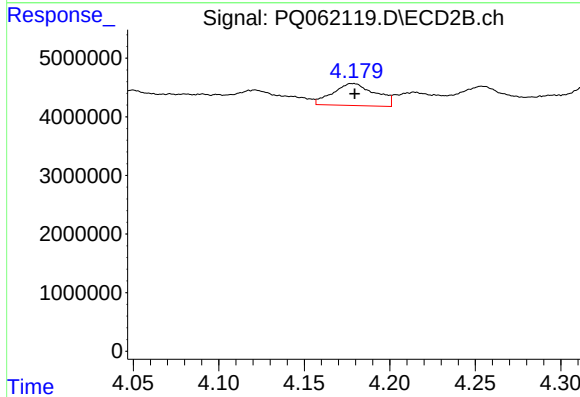
R.T.: 3.983 min
Delta R.T.: -0.002 min
Response: 3343962
Conc: 50.91 ng/ml



#7 AR-1016-5

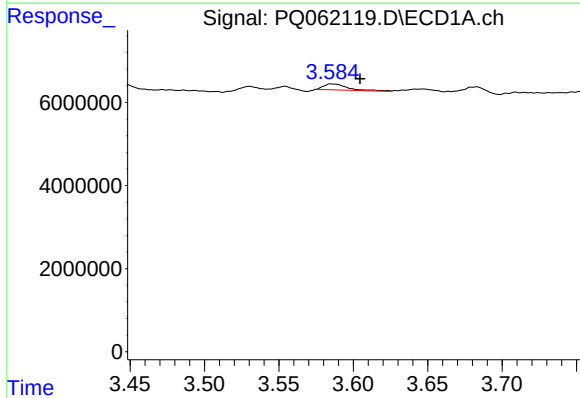
R.T.: 4.946 min
Delta R.T.: -0.014 min
Response: 8730720
Conc: 71.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



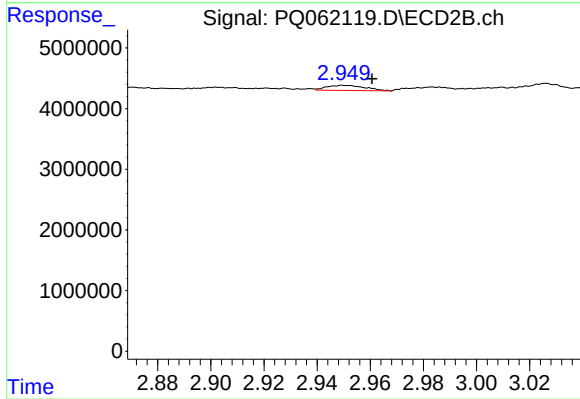
#7 AR-1016-5

R.T.: 4.177 min
Delta R.T.: -0.002 min
Response: 6495219
Conc: 79.23 ng/ml



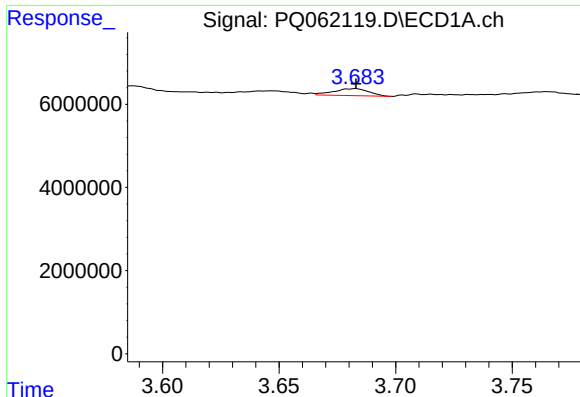
#8 AR-1221-1

R.T.: 3.586 min
Delta R.T.: -0.019 min
Response: 1663312
Conc: 27.67 ng/ml



#8 AR-1221-1

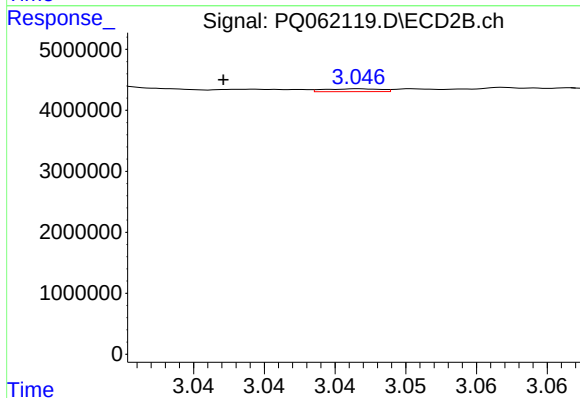
R.T.: 2.949 min
Delta R.T.: -0.011 min
Response: 833481
Conc: 25.26 ng/ml



#9 AR-1221-2

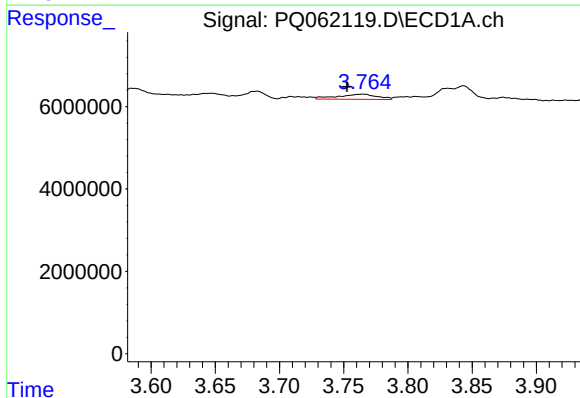
R.T.: 3.682 min
Delta R.T.: 0.000 min
Response: 1770423
Conc: 39.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



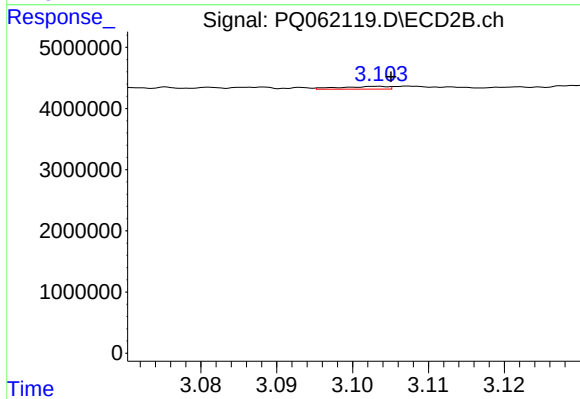
#9 AR-1221-2

R.T.: 3.047 min
Delta R.T.: 0.010 min
Response: 127698
Conc: 5.03 ng/ml



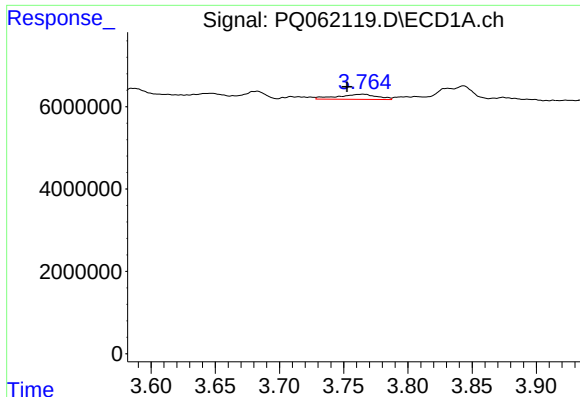
#10 AR-1221-3

R.T.: 3.765 min
Delta R.T.: 0.012 min
Response: 2704361
Conc: 19.25 ng/ml



#10 AR-1221-3

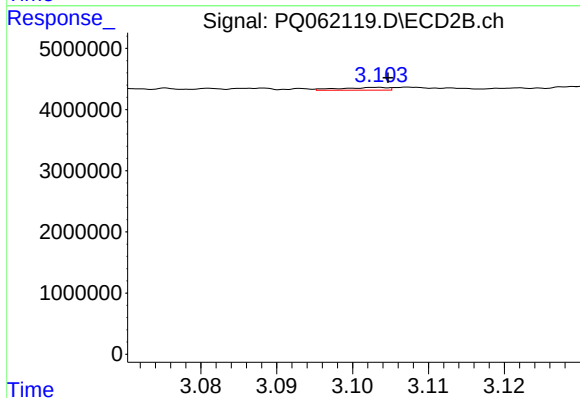
R.T.: 3.104 min
Delta R.T.: -0.002 min
Response: 196506
Conc: 2.55 ng/ml



#11 AR-1232-1

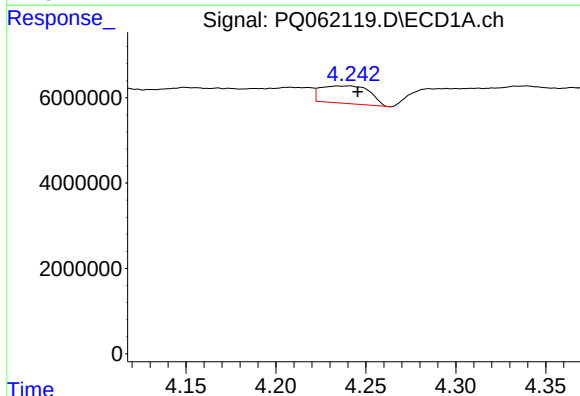
R.T.: 3.765 min
Delta R.T.: 0.012 min
Response: 2704361
Conc: 25.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



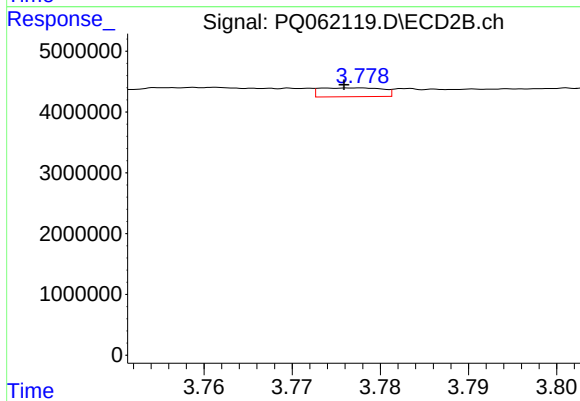
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: -0.001 min
Response: 196506
Conc: 3.43 ng/ml



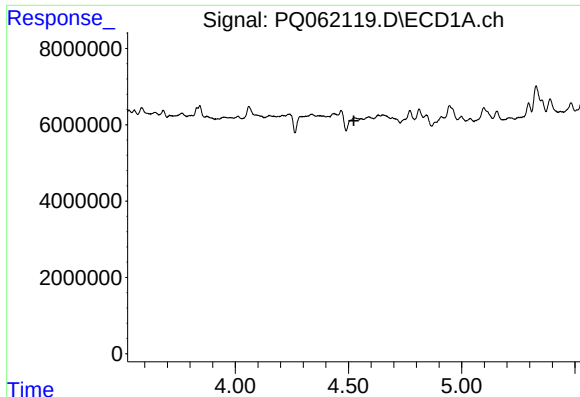
#12 AR-1232-2

R.T.: 4.241 min
Delta R.T.: -0.005 min
Response: 7770380
Conc: 131.36 ng/ml



#12 AR-1232-2

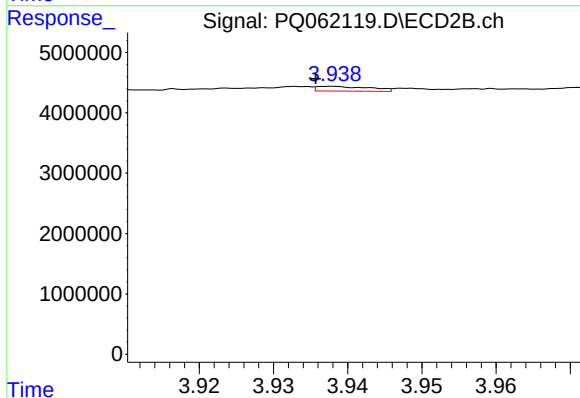
R.T.: 3.778 min
Delta R.T.: 0.002 min
Response: 713661
Conc: 10.72 ng/ml



#13 AR-1232-3

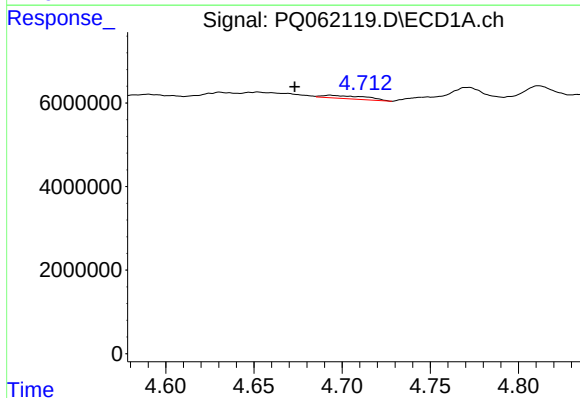
R.T.: 4.527 min
Delta R.T.: 0.003 min
Response: -3549227
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



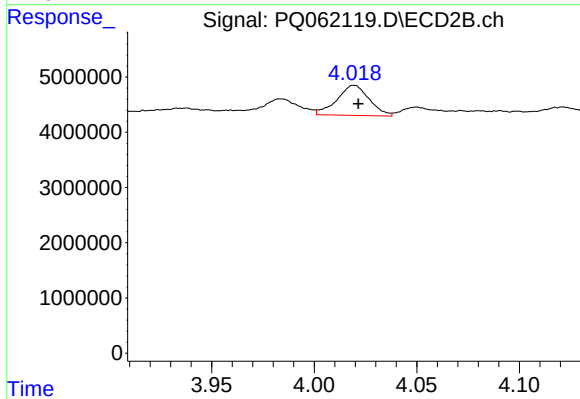
#13 AR-1232-3

R.T.: 3.938 min
Delta R.T.: 0.002 min
Response: 387349
Conc: 11.21 ng/ml



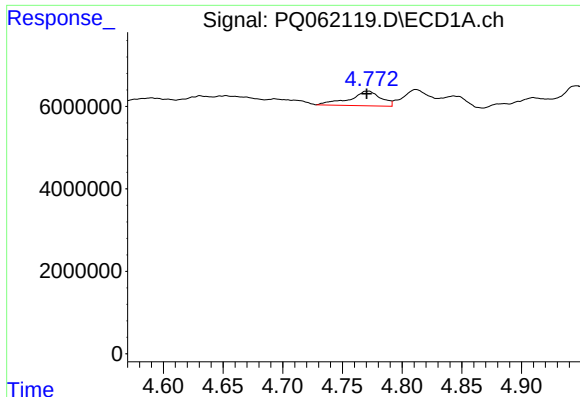
#14 AR-1232-4

R.T.: 4.693 min
Delta R.T.: 0.020 min
Response: 1257581
Conc: 22.19 ng/ml



#14 AR-1232-4

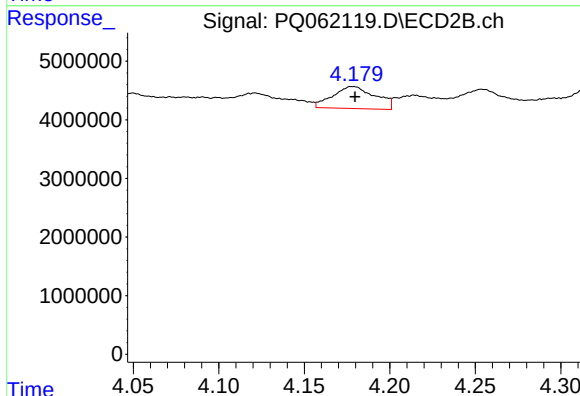
R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 5990852
Conc: 201.44 ng/ml



#15 AR-1232-5

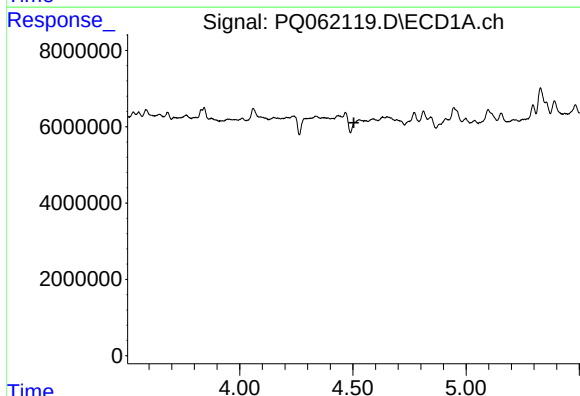
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 6454163
Conc: 161.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



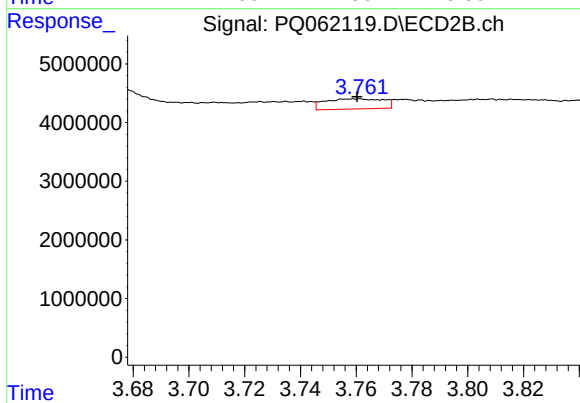
#15 AR-1232-5

R.T.: 4.177 min
Delta R.T.: -0.002 min
Response: 6495219
Conc: 182.14 ng/ml



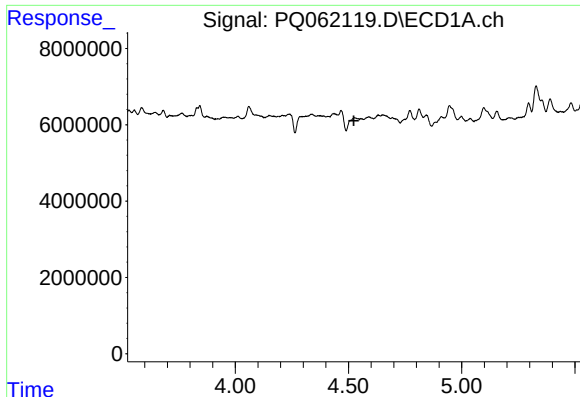
#16 AR-1242-1

R.T.: 4.527 min
Delta R.T.: 0.022 min
Response: -3549227
Conc: N.D.



#16 AR-1242-1

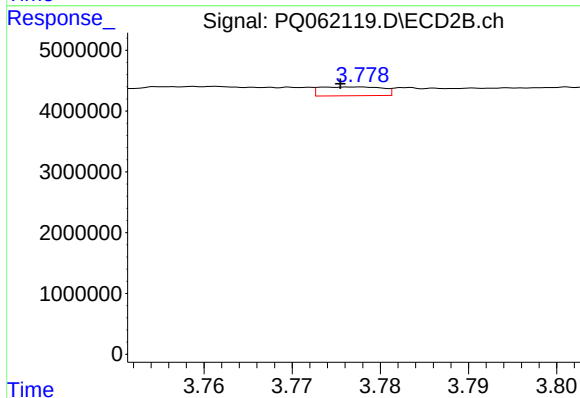
R.T.: 3.759 min
Delta R.T.: -0.001 min
Response: 2509513
Conc: 32.45 ng/ml



#17 AR-1242-2

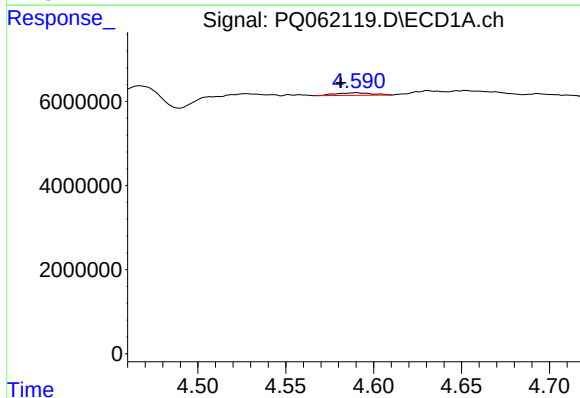
R.T.: 4.527 min
Delta R.T.: 0.003 min
Response: -3549227
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



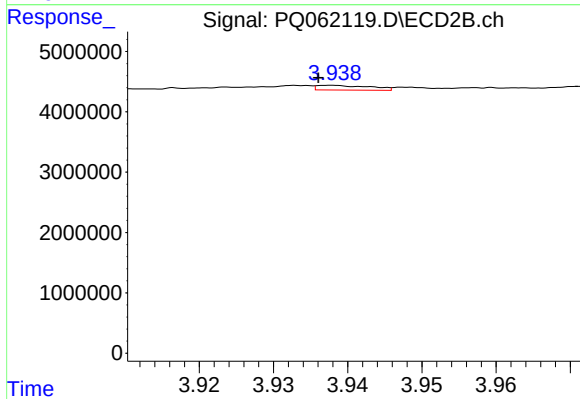
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: 0.002 min
Response: 713661
Conc: 6.42 ng/ml



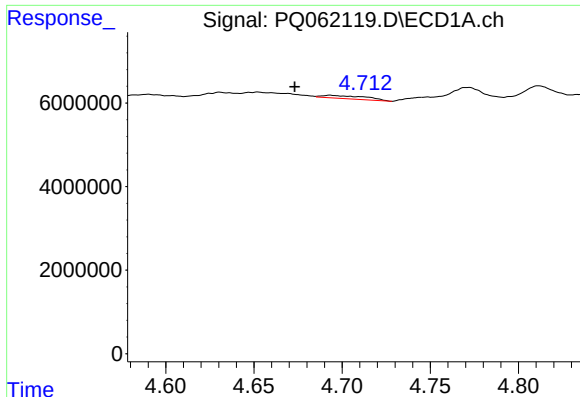
#18 AR-1242-3

R.T.: 4.590 min
Delta R.T.: 0.009 min
Response: 880089
Conc: 7.28 ng/ml



#18 AR-1242-3

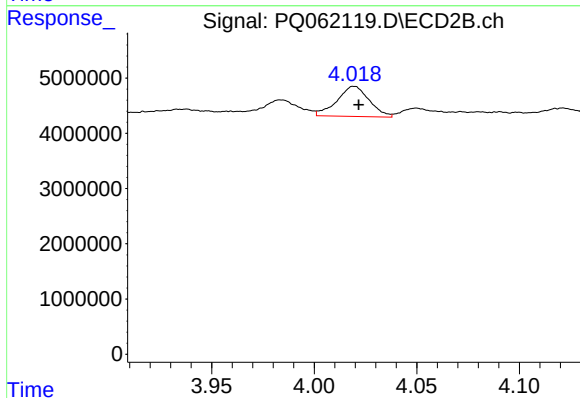
R.T.: 3.938 min
Delta R.T.: 0.002 min
Response: 387349
Conc: 6.61 ng/ml



#19 AR-1242-4

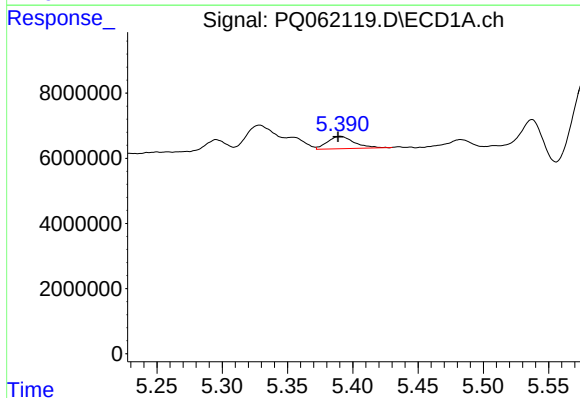
R.T.: 4.693 min
Delta R.T.: 0.020 min
Response: 1257581
Conc: 12.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



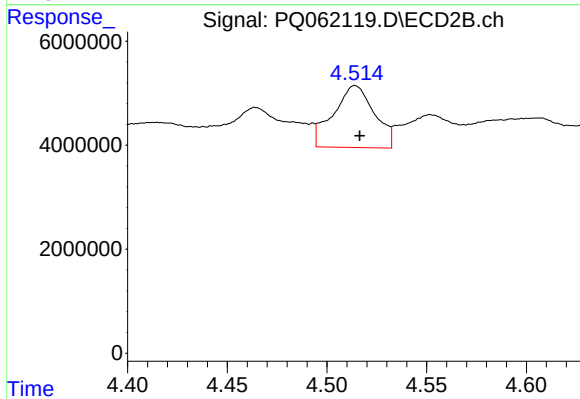
#19 AR-1242-4

R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 5990852
Conc: 102.18 ng/ml



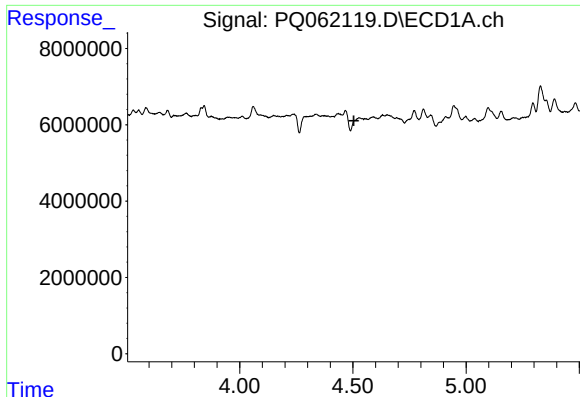
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.002 min
Response: 5440720
Conc: 56.83 ng/ml



#20 AR-1242-5

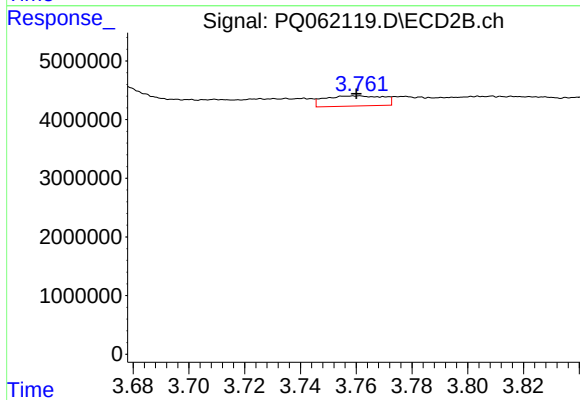
R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 17088078
Conc: 206.15 ng/ml



#21 AR-1248-1

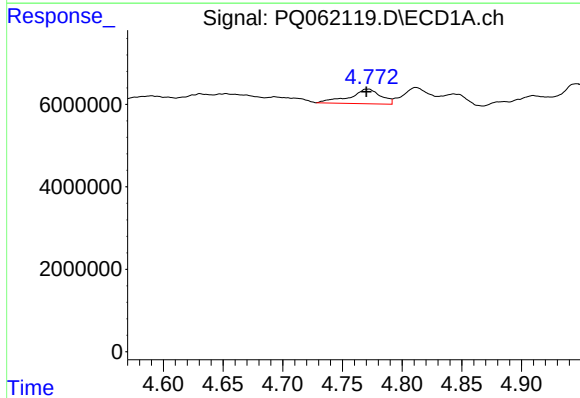
R.T.: 4.527 min
Delta R.T.: 0.022 min
Response: -3549227
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



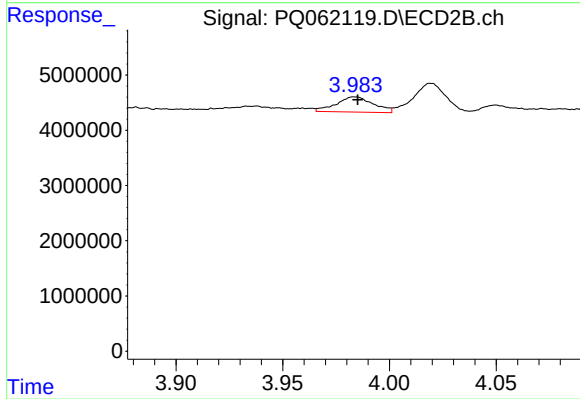
#21 AR-1248-1

R.T.: 3.759 min
Delta R.T.: -0.001 min
Response: 2509513
Conc: 40.14 ng/ml



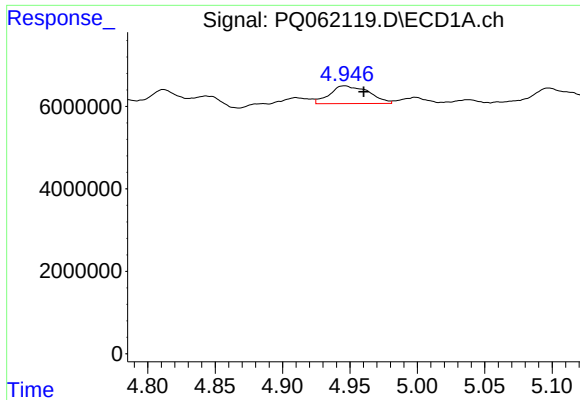
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.001 min
Response: 6454163
Conc: 44.93 ng/ml



#22 AR-1248-2

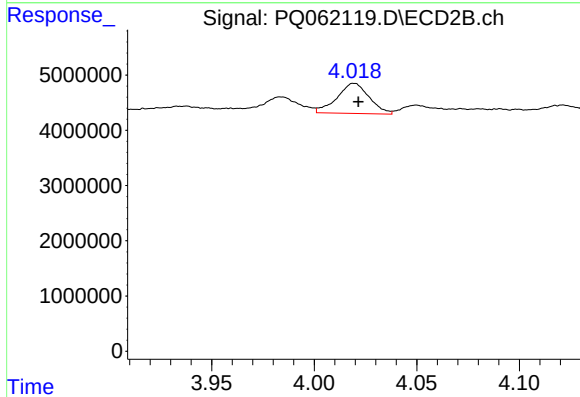
R.T.: 3.983 min
Delta R.T.: -0.002 min
Response: 3343962
Conc: 35.66 ng/ml



#23 AR-1248-3

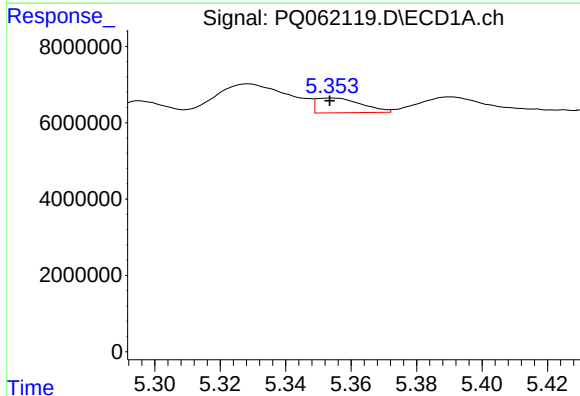
R.T.: 4.946 min
Delta R.T.: -0.014 min
Response: 8730720
Conc: 50.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



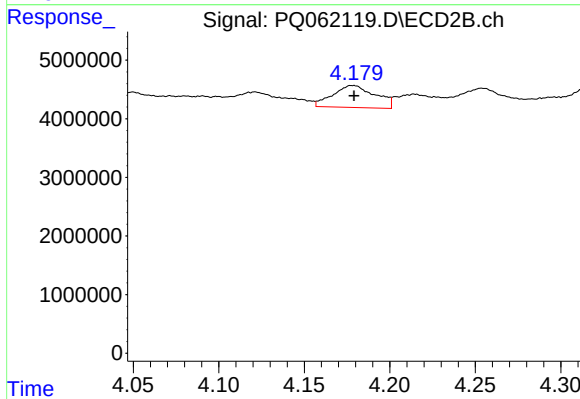
#23 AR-1248-3

R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 5990852
Conc: 66.17 ng/ml



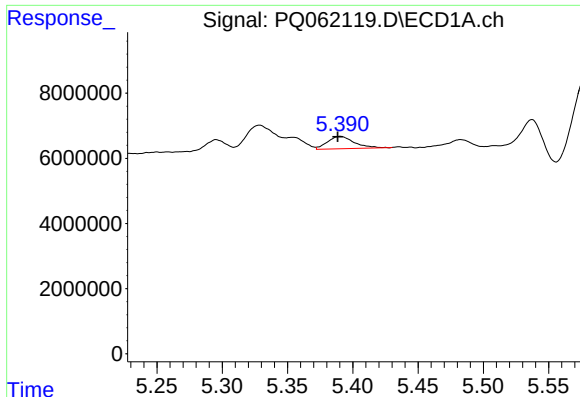
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 3686166
Conc: 19.21 ng/ml



#24 AR-1248-4

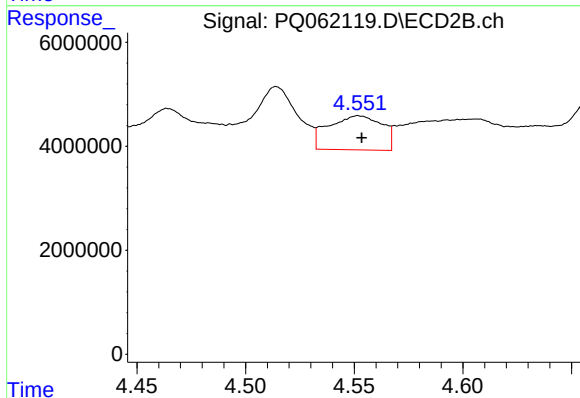
R.T.: 4.177 min
Delta R.T.: -0.002 min
Response: 6495219
Conc: 57.56 ng/ml



#25 AR-1248-5

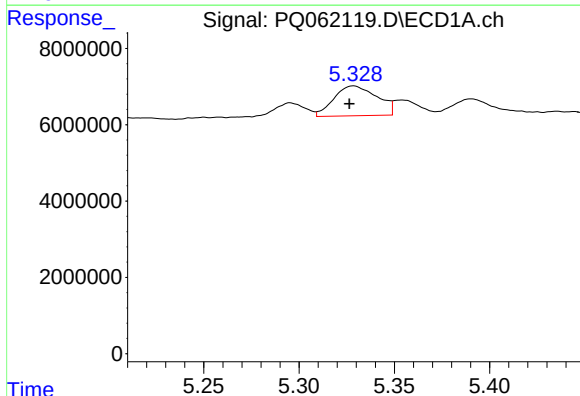
R.T.: 5.390 min
Delta R.T.: 0.002 min
Response: 5440720
Conc: 30.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



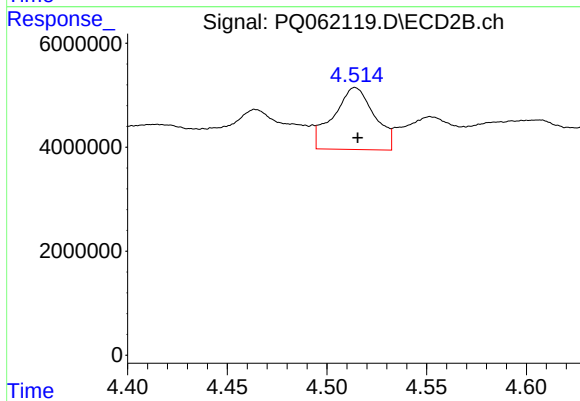
#25 AR-1248-5

R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 11276530
Conc: 100.65 ng/ml



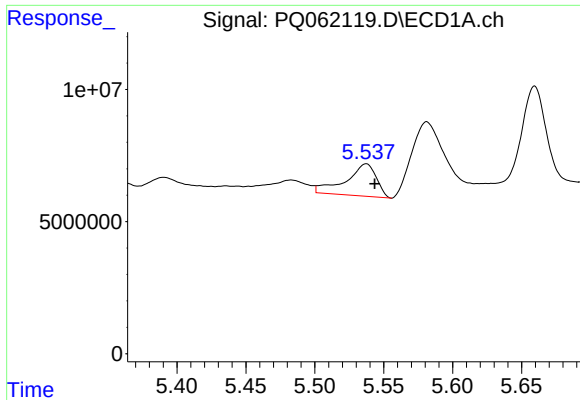
#26 AR-1254-1

R.T.: 5.329 min
Delta R.T.: 0.002 min
Response: 12346303
Conc: 66.44 ng/ml



#26 AR-1254-1

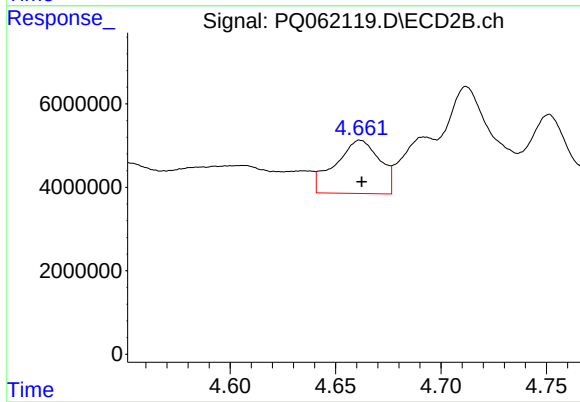
R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 17088078
Conc: 105.83 ng/ml



#27 AR-1254-2

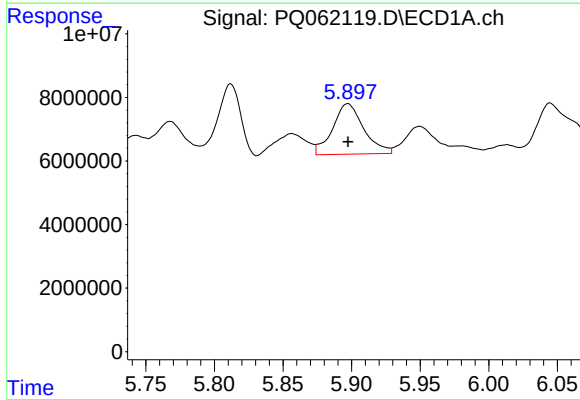
R.T.: 5.537 min
Delta R.T.: -0.006 min
Response: 18821334
Conc: 64.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



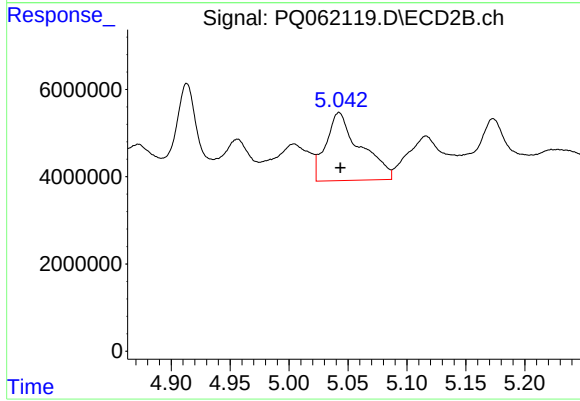
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 18724801
Conc: 127.19 ng/ml



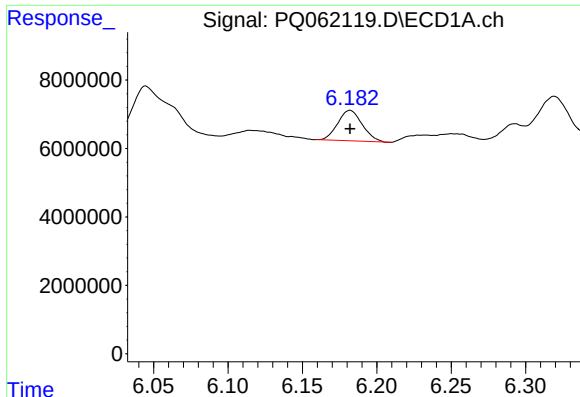
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 25104765
Conc: 81.74 ng/ml



#28 AR-1254-3

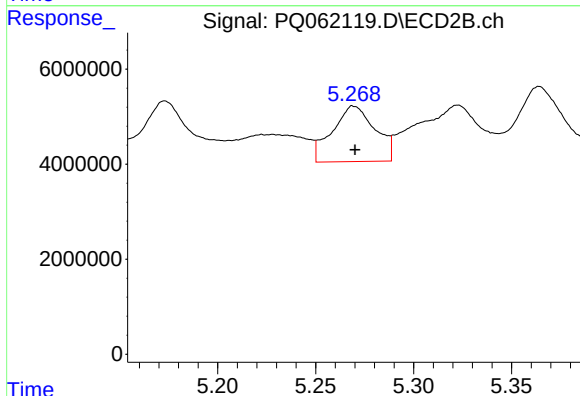
R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 31792402
Conc: 136.04 ng/ml



#29 AR-1254-4

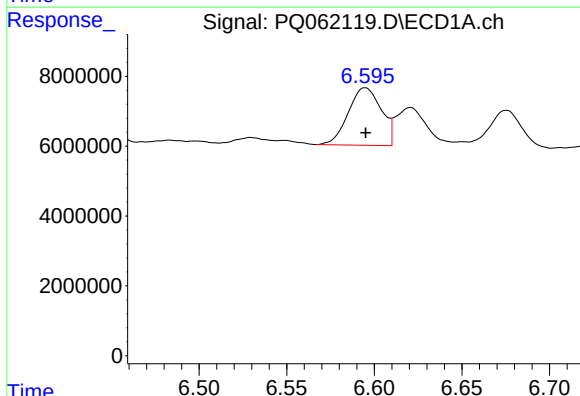
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 10251968
Conc: 44.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



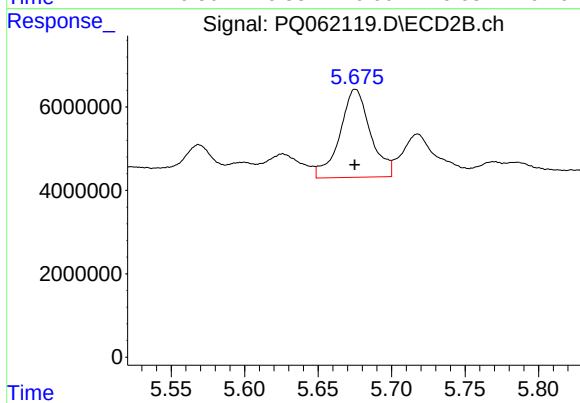
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 17819033
Conc: 116.91 ng/ml



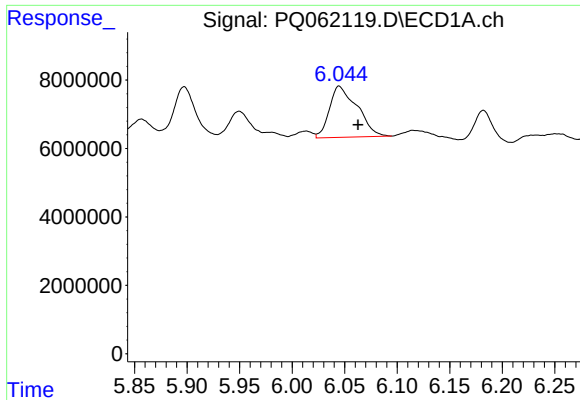
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 21685081
Conc: 84.42 ng/ml



#30 AR-1254-5

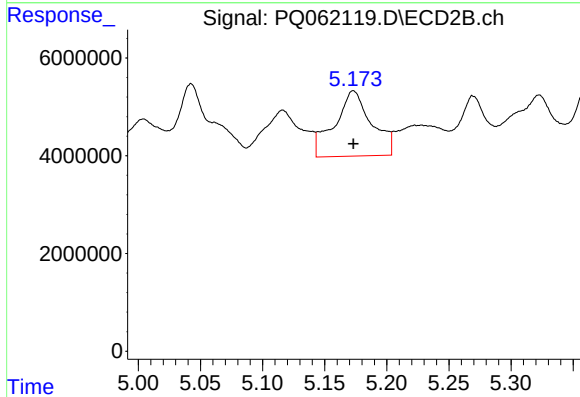
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 30597291
Conc: 132.57 ng/ml



#31 AR-1260-1

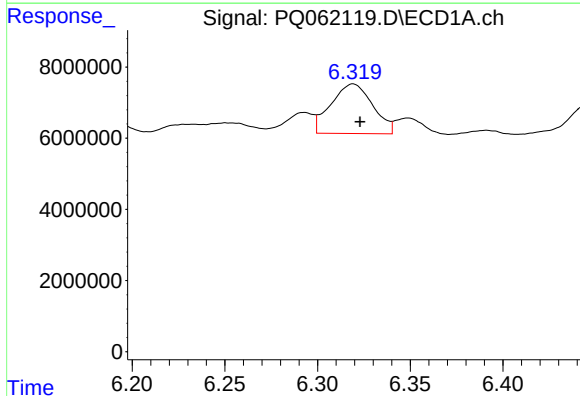
R.T.: 6.045 min
Delta R.T.: -0.018 min
Response: 27354008
Conc: 115.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



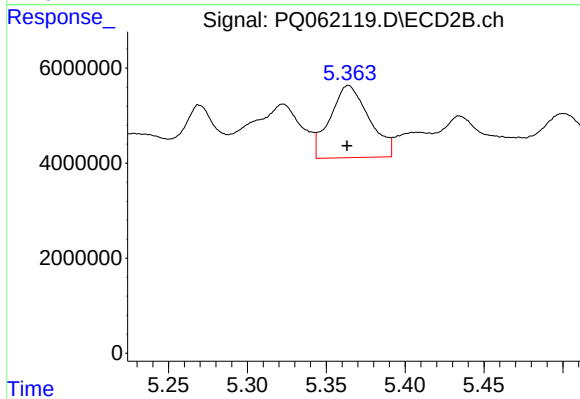
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 27746980
Conc: 166.60 ng/ml



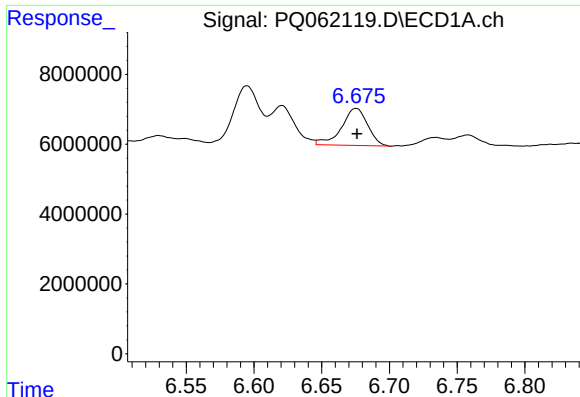
#32 AR-1260-2

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 21869708
Conc: 75.72 ng/ml



#32 AR-1260-2

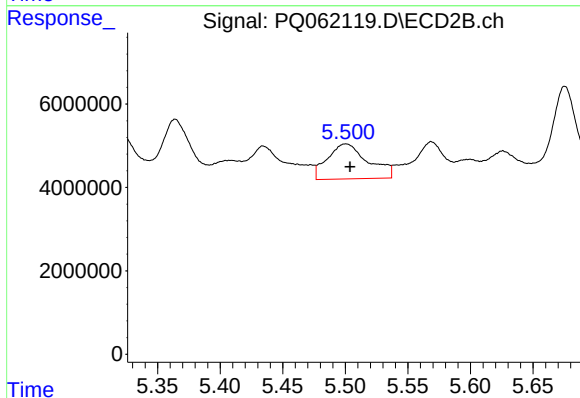
R.T.: 5.364 min
Delta R.T.: 0.001 min
Response: 26229018
Conc: 126.13 ng/ml



#33 AR-1260-3

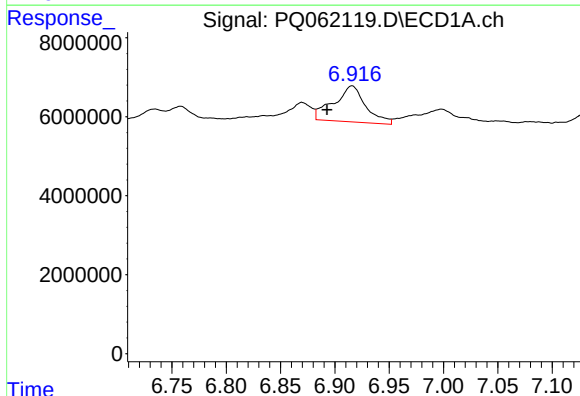
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 14299357
Conc: 80.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



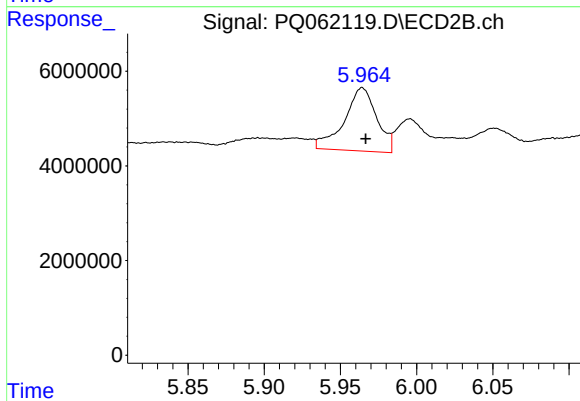
#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 19004689
Conc: 97.68 ng/ml



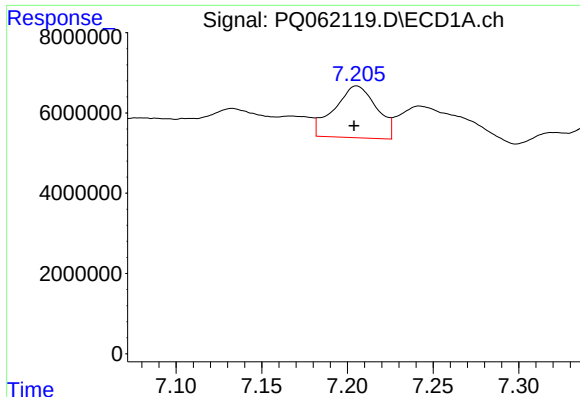
#34 AR-1260-4

R.T.: 6.916 min
Delta R.T.: 0.023 min
Response: 18596536
Conc: 88.28 ng/ml



#34 AR-1260-4

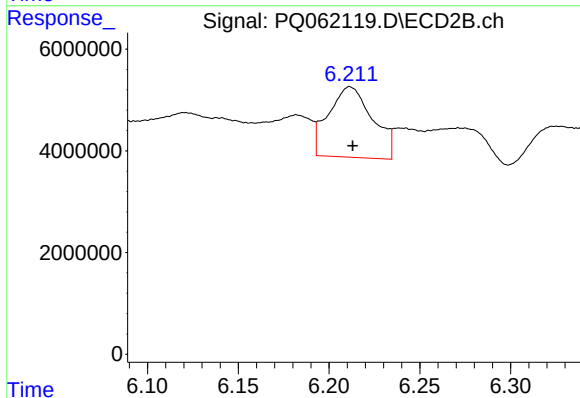
R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 19861640
Conc: 136.17 ng/ml



#35 AR-1260-5

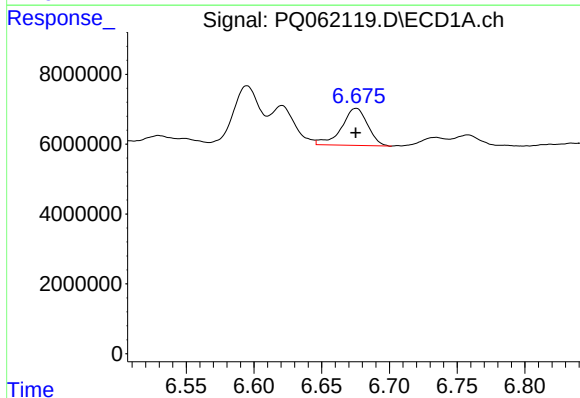
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 22250178
Conc: 54.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



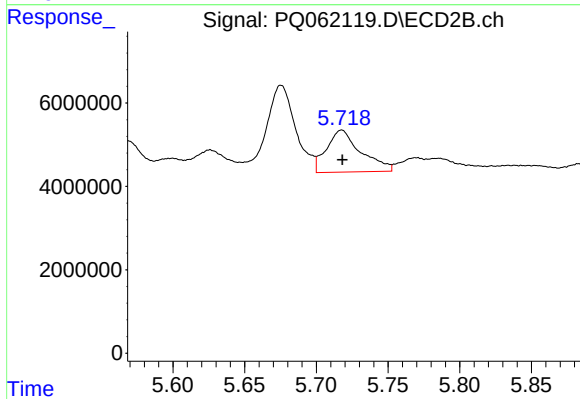
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 23526339
Conc: 70.85 ng/ml



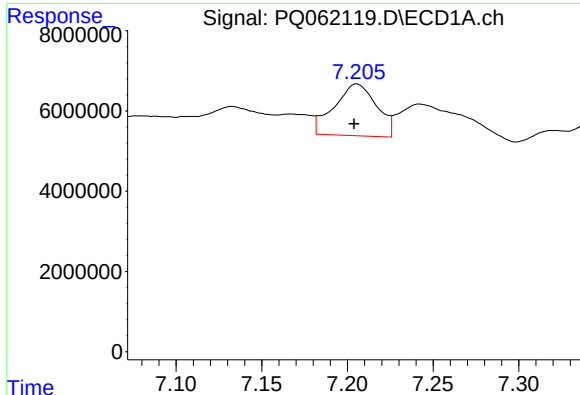
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 14299357
Conc: 46.89 ng/ml



#36 AR-1262-1

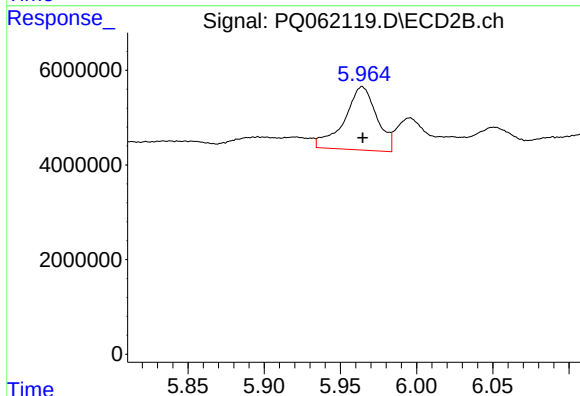
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 16856293
Conc: 72.51 ng/ml



#37 AR-1262-2

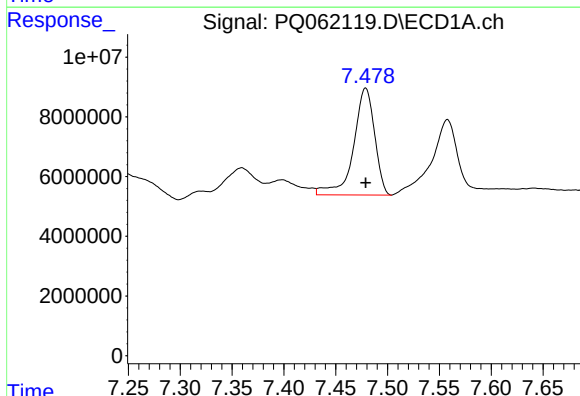
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 22250178
Conc: 42.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



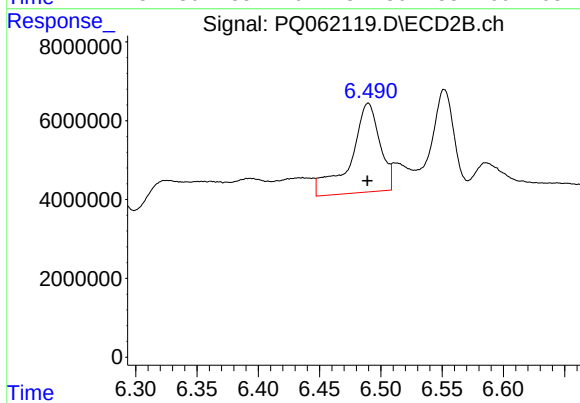
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 19861640
Conc: 91.86 ng/ml



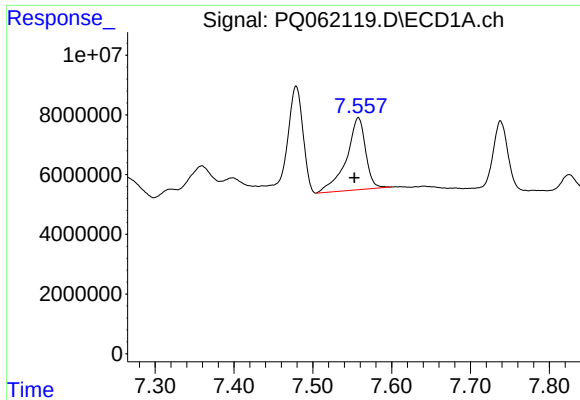
#38 AR-1262-3

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 50721289
Conc: 143.97 ng/ml



#38 AR-1262-3

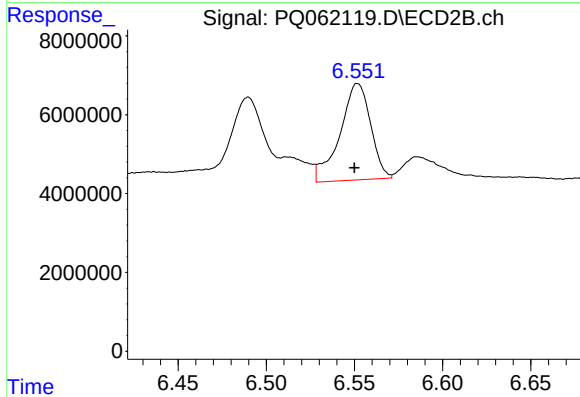
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 37391236
Conc: 214.49 ng/ml



#39 AR-1262-4

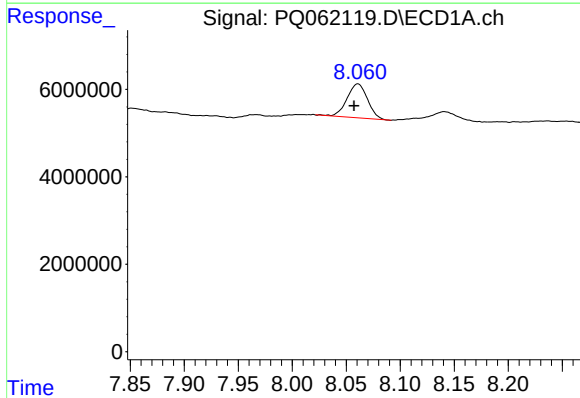
R.T.: 7.558 min
Delta R.T.: 0.005 min
Response: 41021680
Conc: 153.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



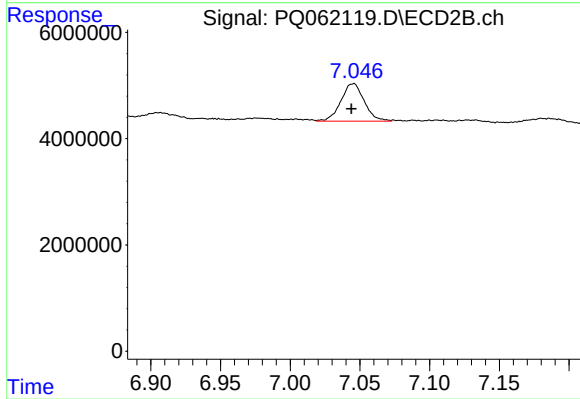
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: 0.002 min
Response: 29671389
Conc: 92.06 ng/ml



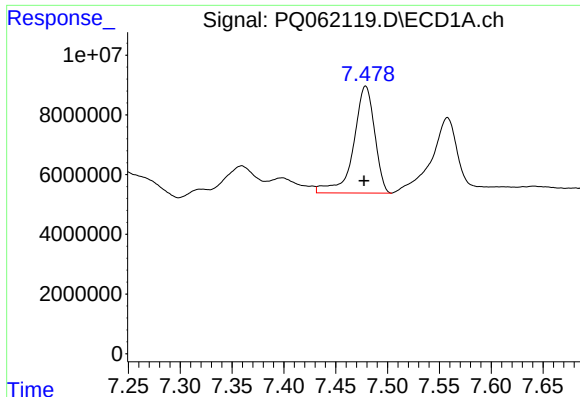
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 10269734
Conc: 57.85 ng/ml



#40 AR-1262-5

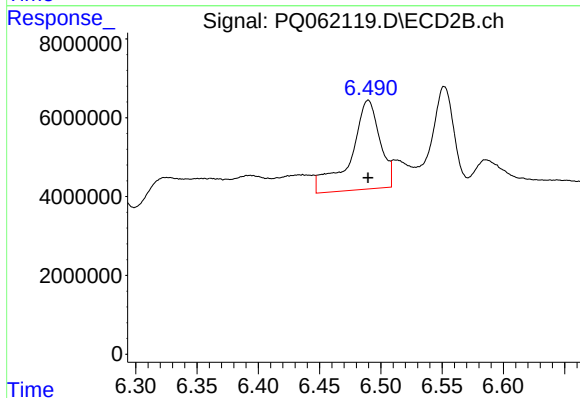
R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 8204019
Conc: 52.89 ng/ml



#41 AR-1268-1

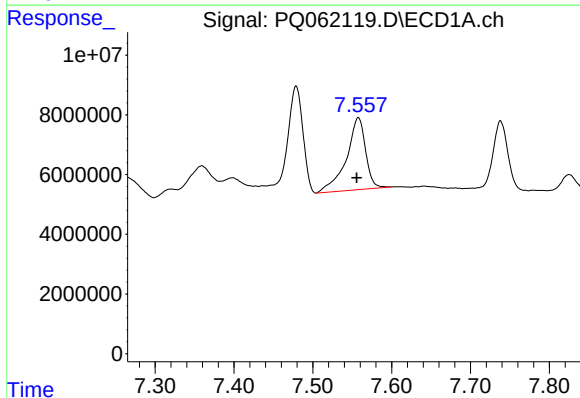
R.T.: 7.479 min
Delta R.T.: 0.002 min
Response: 50721289
Conc: 89.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



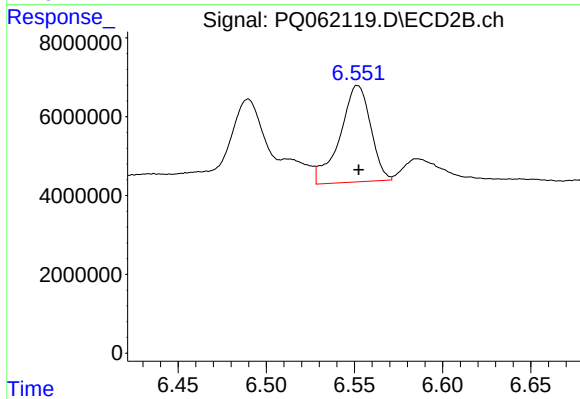
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 37391236
Conc: 79.46 ng/ml



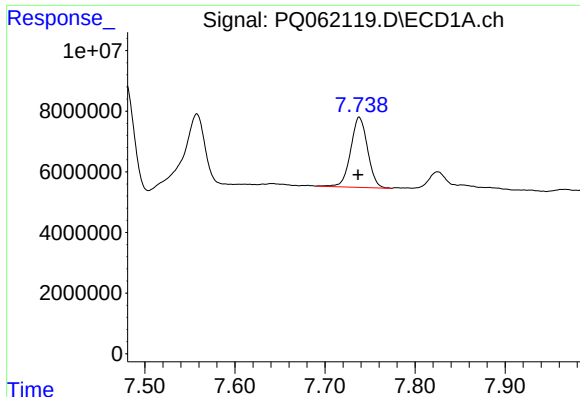
#42 AR-1268-2

R.T.: 7.558 min
Delta R.T.: 0.002 min
Response: 41021680
Conc: 80.45 ng/ml



#42 AR-1268-2

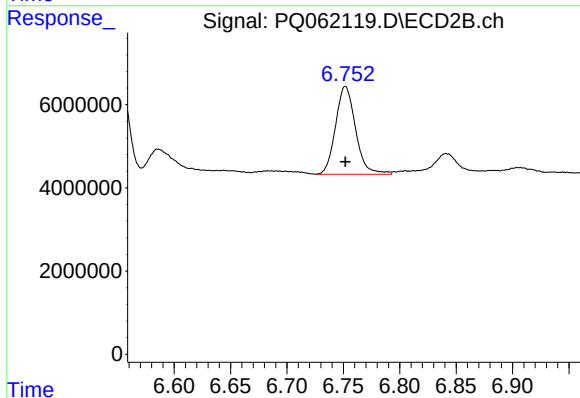
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 29671389
Conc: 70.03 ng/ml



#43 AR-1268-3

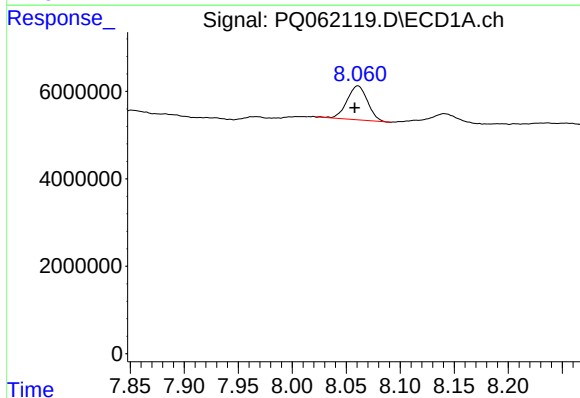
R.T.: 7.738 min
Delta R.T.: 0.001 min
Response: 30180597
Conc: 70.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



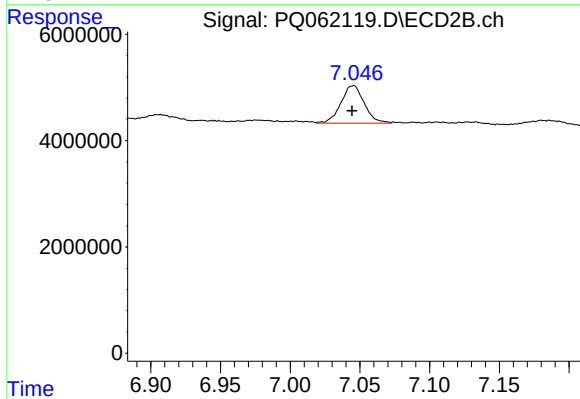
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 26076197
Conc: 70.80 ng/ml



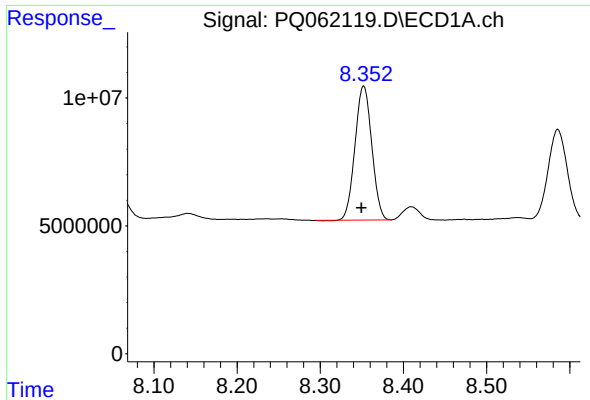
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 10269734
Conc: 56.12 ng/ml



#44 AR-1268-4

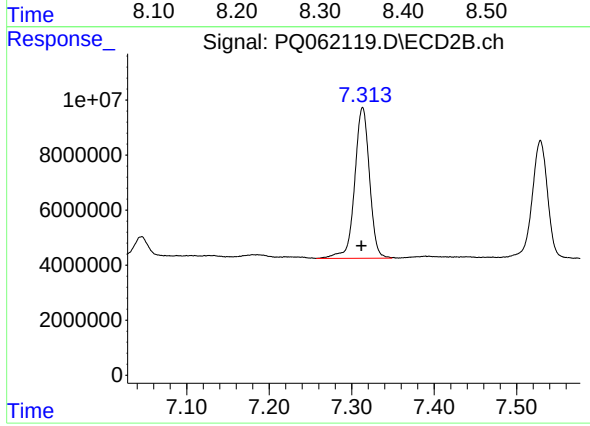
R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 8204019
Conc: 51.30 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.002 min
Response: 73317901
Conc: 58.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.001 min
Response: 68430550
Conc: 58.64 ng/ml