

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052623\
 Data File : PQ061287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 14:23
 Operator : YP\AJ
 Sample : 02945-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 21:35:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 25 13:25:08 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	2.760	77346523	51137835	15.436	17.701
2)	SA Decachlor...	8.585	7.535	32229466	30352068	8.332	8.335
Target Compounds							
3)	L1 AR-1016-1	4.502	3.763	-60137	1100759	N.D.	9.800 #
4)	L1 AR-1016-2	4.525	3.779	547044	639727	2.083	3.927 #
5)	L1 AR-1016-3	4.585	3.941	449121	639463	2.736	7.495 #
6)	L1 AR-1016-4	0.000	4.005	0	686990	N.D.	9.207 #
7)	L1 AR-1016-5	4.957	4.184	2025684	6873544	15.183	75.031 #
8)	L2 AR-1221-1	3.612	2.960	197047	194614	3.003	4.935 #
9)	L2 AR-1221-2	3.682	3.027	1673619	716317	34.121	23.824 #
10)	L2 AR-1221-3	3.751	3.109	335912	266529	2.276	2.897 #
11)	L3 AR-1232-1	3.751	3.109	335912	266529	3.019	3.916 #
12)	L3 AR-1232-2	4.246	3.779	2839814	639727	43.489	8.321 #
13)	L3 AR-1232-3	4.525	3.941	547044	639463	4.475	15.958 #
14)	L3 AR-1232-4	0.000	4.024	0	2171459	N.D.	61.683 #
15)	L3 AR-1232-5	4.749	4.184	1528335	6873544	33.928	166.015 #
16)	L4 AR-1242-1	4.502	3.763	-60137	1100759	N.D.	12.422 #
17)	L4 AR-1242-2	4.525	3.779	547044	639727	2.659	5.077 #
18)	L4 AR-1242-3	4.585	3.941	449121	639463	3.453	9.451 #
19)	L4 AR-1242-4	0.000	4.024	0	2171459	N.D.	33.041 #
20)	L4 AR-1242-5	5.414f	4.519	3000125	9446989	27.259	103.063 #
21)	L5 AR-1248-1	4.502	3.763	-60137	1100759	N.D.	14.217 #
22)	L5 AR-1248-2	4.749	4.005	1528335	686990	9.275	5.953 #
23)	L5 AR-1248-3	4.957	4.024	2025684	2171459	10.085	19.632 #
24)	L5 AR-1248-4	5.355	4.184	7806121	6873544	34.372	50.216 #
25)	L5 AR-1248-5	5.414f	4.557	3000125	9032303	13.581	65.109 #
26)	L6 AR-1254-1	5.327	4.519	8108660	9446989	40.252	52.201 #
27)	L6 AR-1254-2	5.535	4.666	6197725	10219884	19.730	62.015 #
28)	L6 AR-1254-3	5.898	5.048	13981158	10420795	42.926	40.407
29)	L6 AR-1254-4	6.182	5.275	8342325	3058745	34.384	18.715 #
30)	L6 AR-1254-5	6.594	5.680	17287417	16994920	62.684	66.702
31)	L7 AR-1260-1	6.063	5.178	6965699	8581191	27.763	46.076 #
32)	L7 AR-1260-2	6.315	5.367	26536208	9673726	87.764	42.459 #
33)	L7 AR-1260-3	6.676	5.507	4816144	6727841	25.564	31.696
34)	L7 AR-1260-4	6.894	5.971	3964749	3721741	17.618	23.574 #
35)	L7 AR-1260-5	7.205	6.217	8649898	8119261	19.757	22.346
36)	L8 AR-1262-1	6.676	5.723	4816144	4324409	15.285	17.392
37)	L8 AR-1262-2	7.205	6.217	8649898	8119261	15.820	17.797
38)	L8 AR-1262-3	7.483	6.496	7711239	4042236	21.150	21.632
39)	L8 AR-1262-4	7.535	6.552	2403652	7588156	8.590	21.841 #
40)	L8 AR-1262-5	8.060	7.050	2220769	2000976	11.934	11.880
41)	L9 AR-1268-1	7.483	6.496	7711239	4042236	12.561	7.594 #

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 Acq On : 26 May 2023 14:23
 Operator : YP\AJ
 Sample : 02945-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

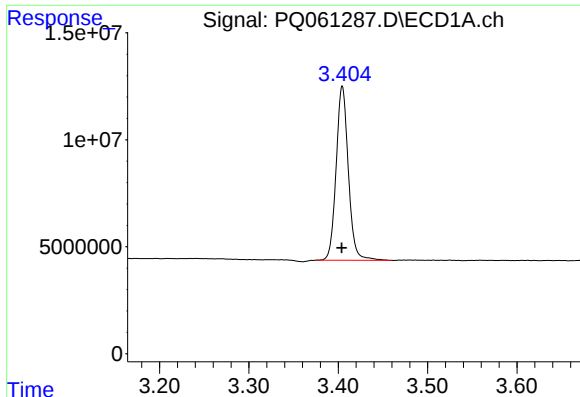
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 21:35:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
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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
42) L9	AR-1268-2	7.535	6.552	2403652	7588156	4.329	15.697 #
43) L9	AR-1268-3	7.739	6.757	649999	2493198	1.404	5.956 #
44) L9	AR-1268-4	8.060	7.050	2220769	2000976	10.941	10.808
45) L9	AR-1268-5	8.349	7.318	1610633	838473	1.181	0.622 #

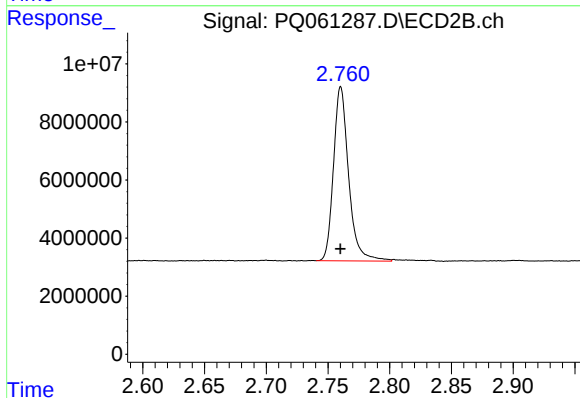
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

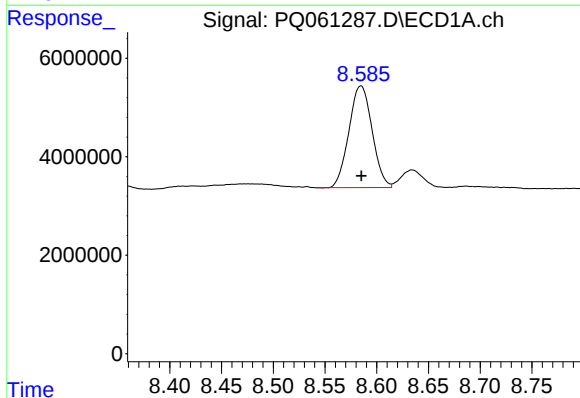
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 77346523
Conc: 15.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



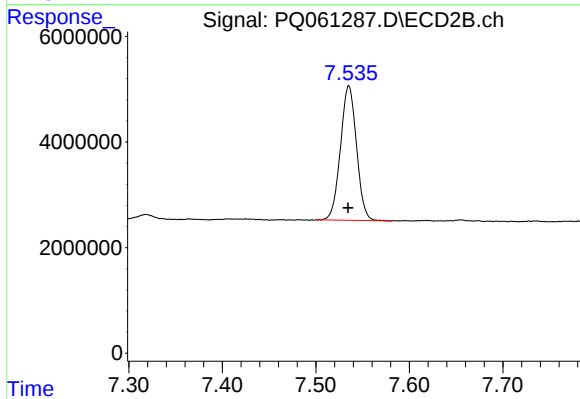
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 51137835
Conc: 17.70 ng/ml



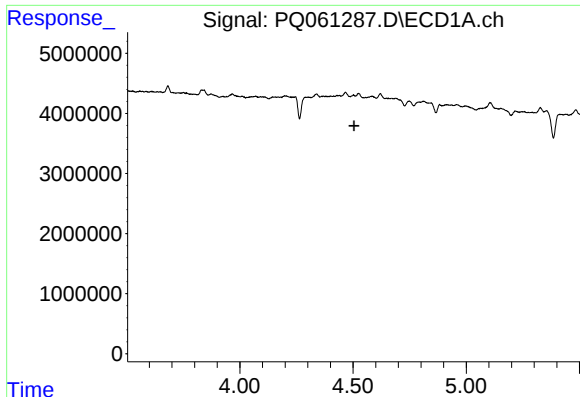
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 32229466
Conc: 8.33 ng/ml



#2 Decachlorobiphenyl

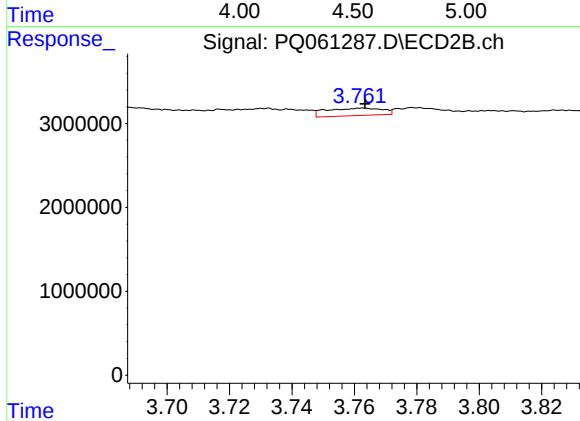
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 30352068
Conc: 8.34 ng/ml



#3 AR-1016-1

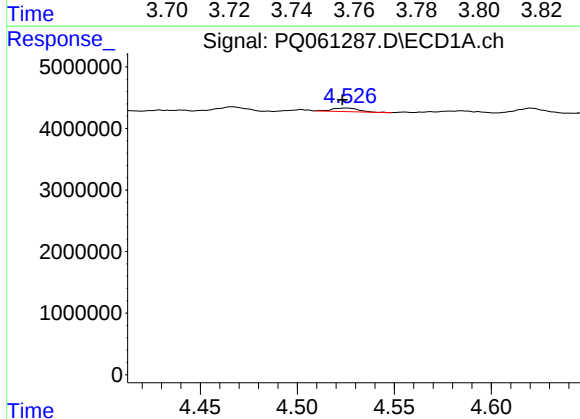
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: -60137
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



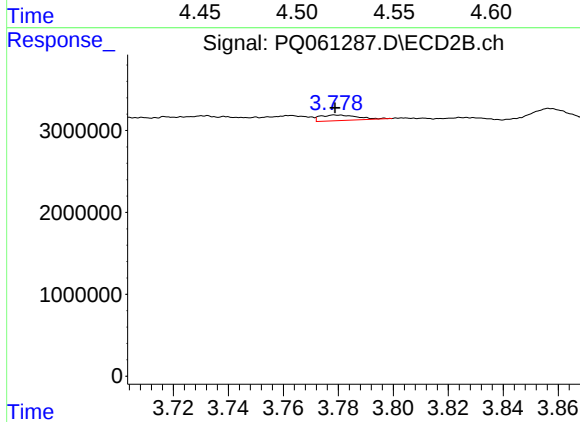
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 1100759
Conc: 9.80 ng/ml



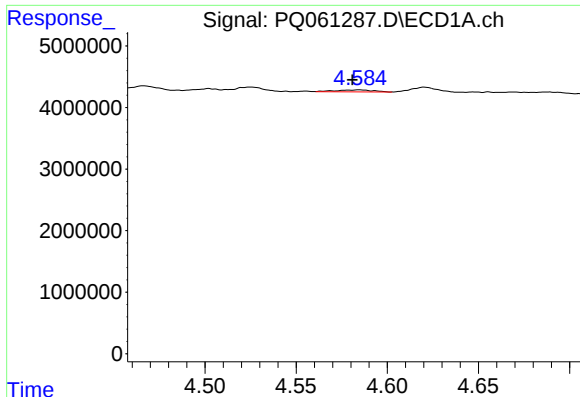
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 547044
Conc: 2.08 ng/ml



#4 AR-1016-2

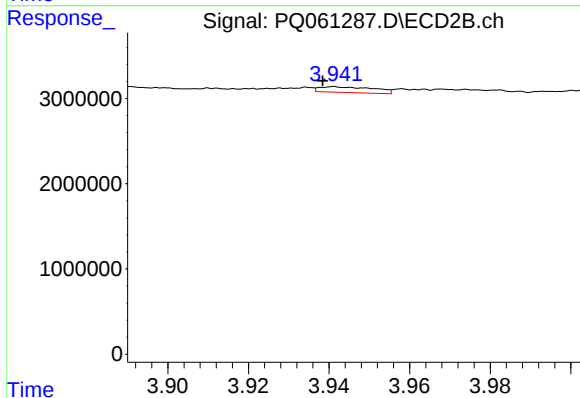
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 639727
Conc: 3.93 ng/ml



#5 AR-1016-3

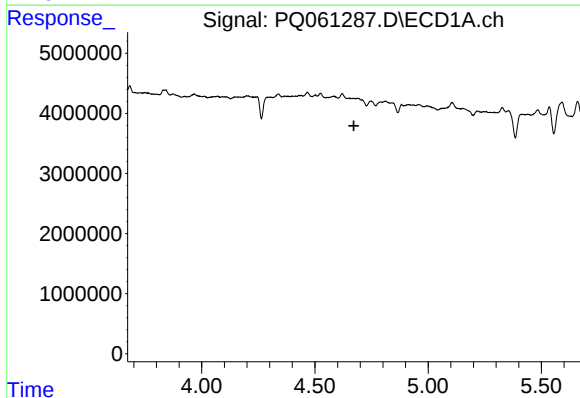
R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 449121
Conc: 2.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



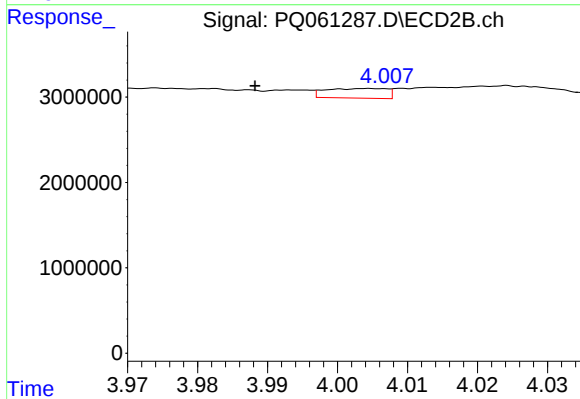
#5 AR-1016-3

R.T.: 3.941 min
Delta R.T.: 0.003 min
Response: 639463
Conc: 7.49 ng/ml



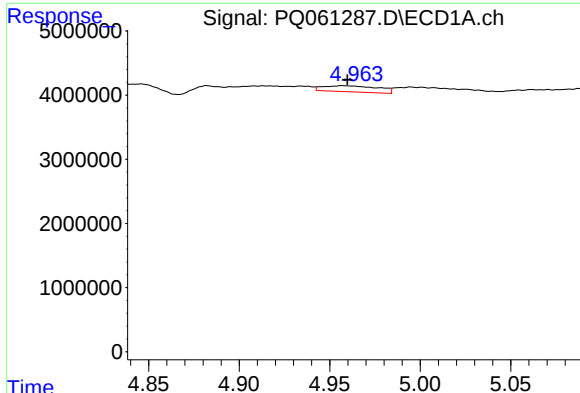
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 4.672 min
Response: 0
Conc: N.D.



#6 AR-1016-4

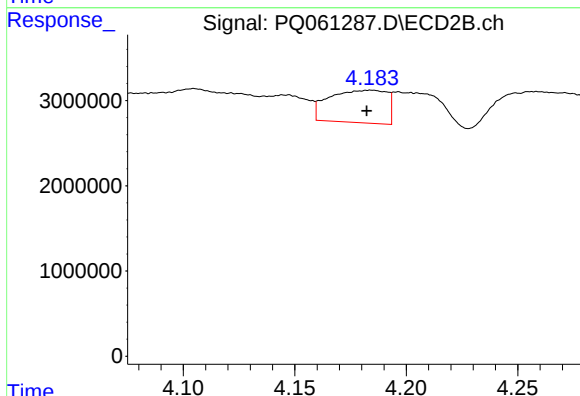
R.T.: 4.005 min
Delta R.T.: 0.016 min
Response: 686990
Conc: 9.21 ng/ml



#7 AR-1016-5

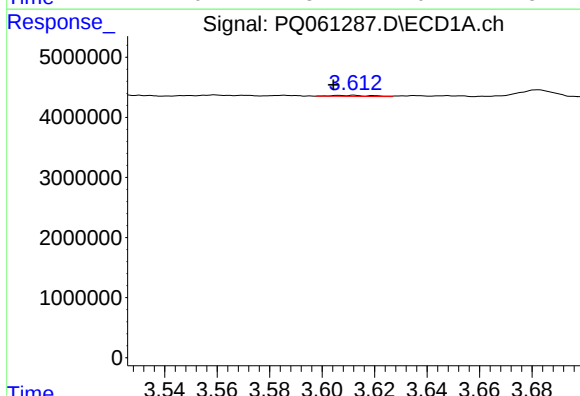
R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 2025684
Conc: 15.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



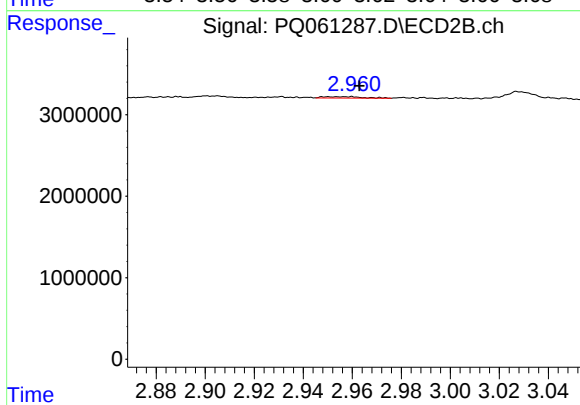
#7 AR-1016-5

R.T.: 4.184 min
Delta R.T.: 0.002 min
Response: 6873544
Conc: 75.03 ng/ml



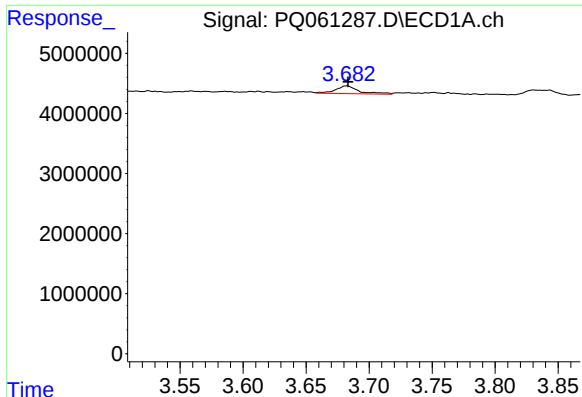
#8 AR-1221-1

R.T.: 3.612 min
Delta R.T.: 0.008 min
Response: 197047
Conc: 3.00 ng/ml



#8 AR-1221-1

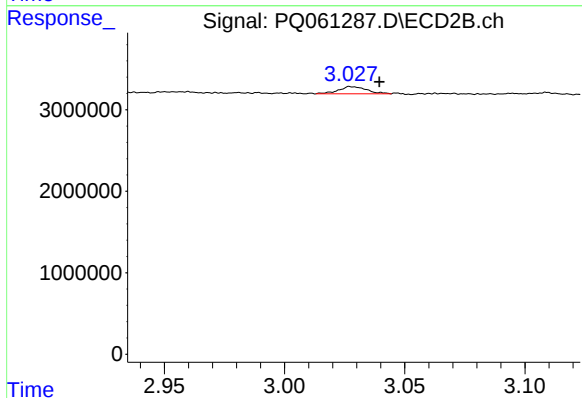
R.T.: 2.960 min
Delta R.T.: -0.003 min
Response: 194614
Conc: 4.94 ng/ml



#9 AR-1221-2

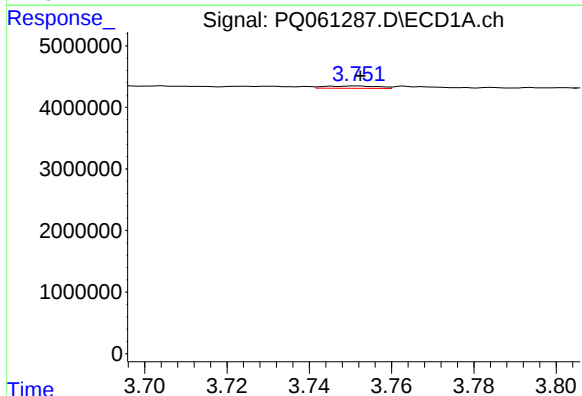
R.T.: 3.682 min
Delta R.T.: -0.001 min
Response: 1673619
Conc: 34.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



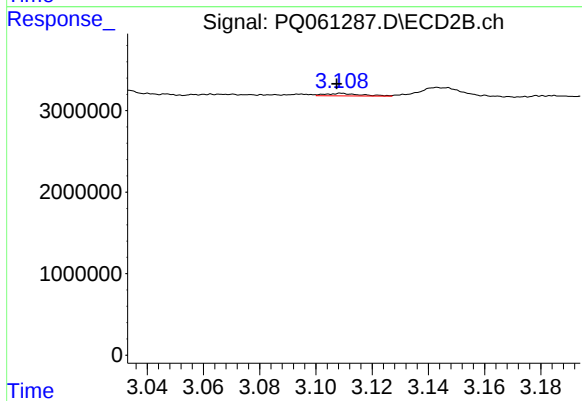
#9 AR-1221-2

R.T.: 3.027 min
Delta R.T.: -0.012 min
Response: 716317
Conc: 23.82 ng/ml



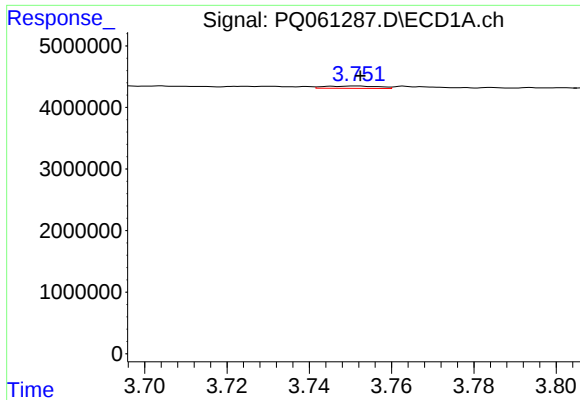
#10 AR-1221-3

R.T.: 3.751 min
Delta R.T.: -0.001 min
Response: 335912
Conc: 2.28 ng/ml



#10 AR-1221-3

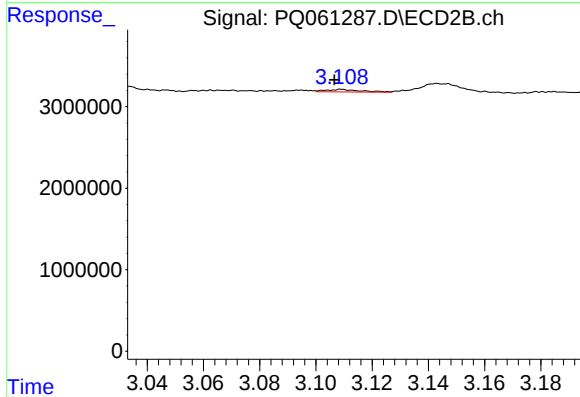
R.T.: 3.109 min
Delta R.T.: 0.002 min
Response: 266529
Conc: 2.90 ng/ml



#11 AR-1232-1

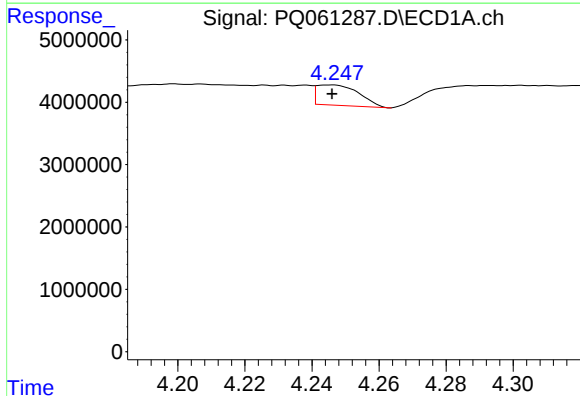
R.T.: 3.751 min
Delta R.T.: -0.001 min
Response: 335912
Conc: 3.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



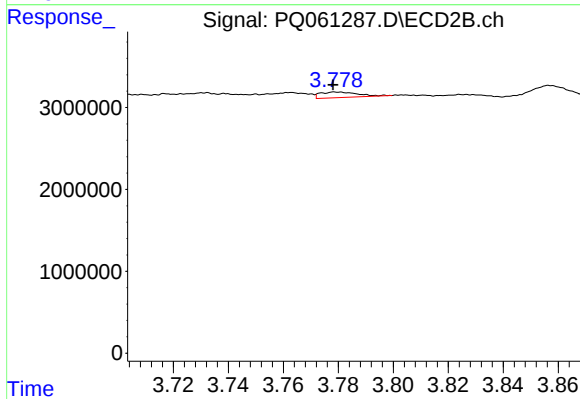
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: 0.002 min
Response: 266529
Conc: 3.92 ng/ml



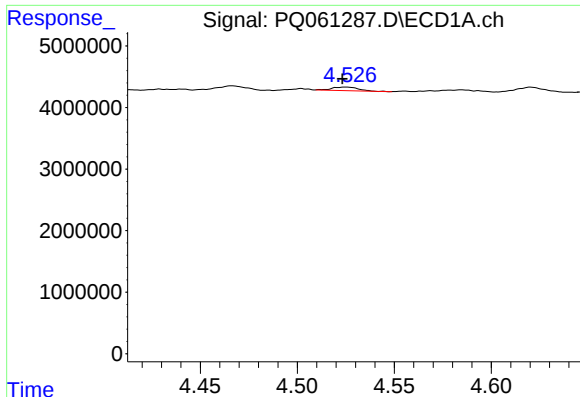
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 2839814
Conc: 43.49 ng/ml



#12 AR-1232-2

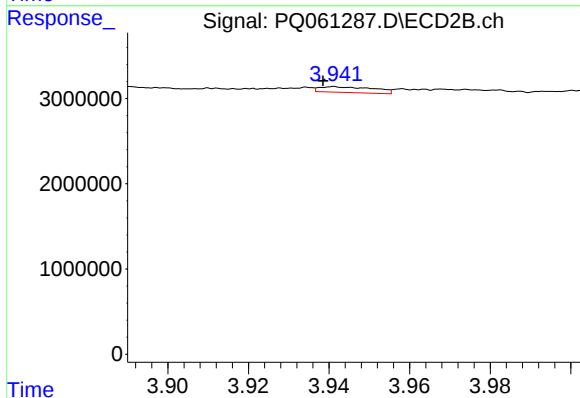
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 639727
Conc: 8.32 ng/ml



#13 AR-1232-3

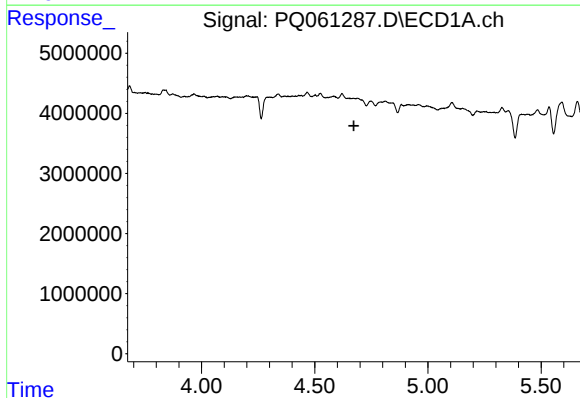
R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 547044
Conc: 4.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



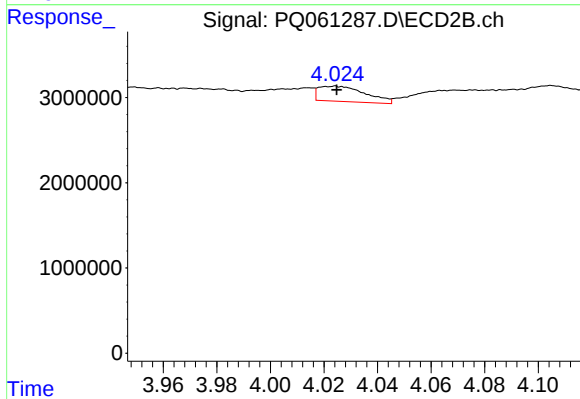
#13 AR-1232-3

R.T.: 3.941 min
Delta R.T.: 0.003 min
Response: 639463
Conc: 15.96 ng/ml



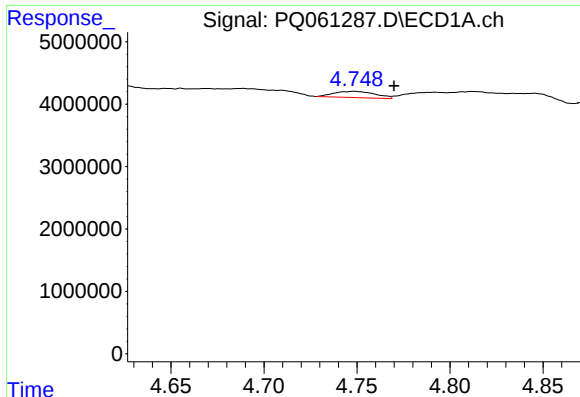
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.673 min
Response: 0
Conc: N.D.



#14 AR-1232-4

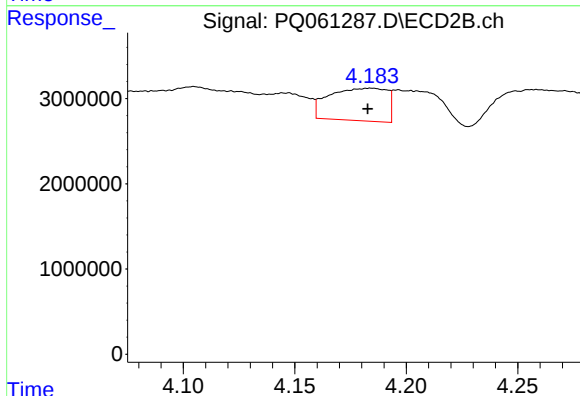
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 2171459
Conc: 61.68 ng/ml



#15 AR-1232-5

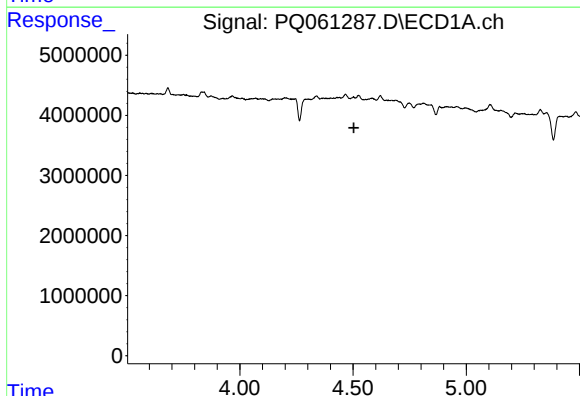
R.T.: 4.749 min
Delta R.T.: -0.022 min
Response: 1528335
Conc: 33.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



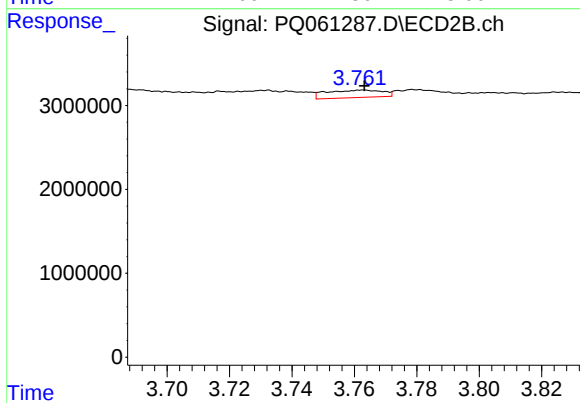
#15 AR-1232-5

R.T.: 4.184 min
Delta R.T.: 0.001 min
Response: 6873544
Conc: 166.01 ng/ml



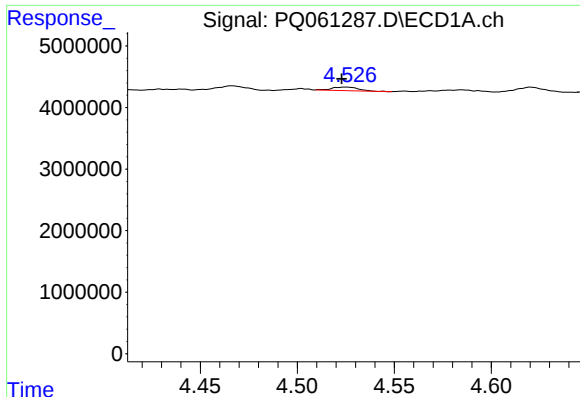
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: -60137
Conc: N.D.



#16 AR-1242-1

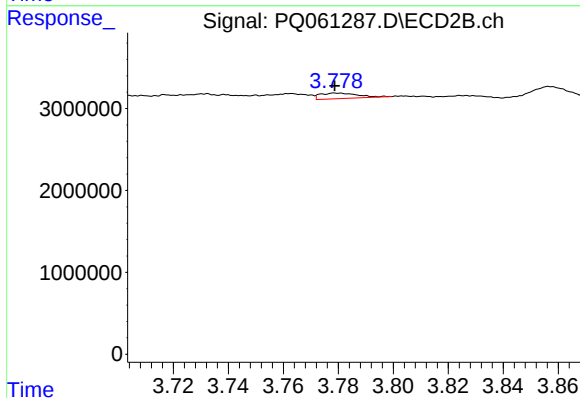
R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 1100759
Conc: 12.42 ng/ml



#17 AR-1242-2

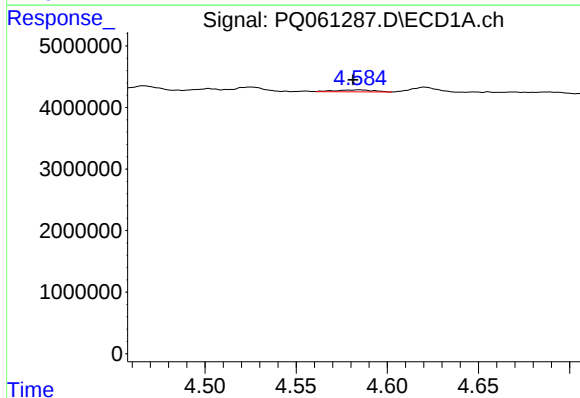
R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 547044
Conc: 2.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



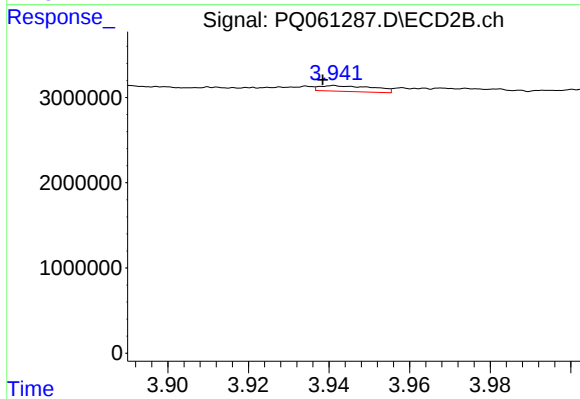
#17 AR-1242-2

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 639727
Conc: 5.08 ng/ml



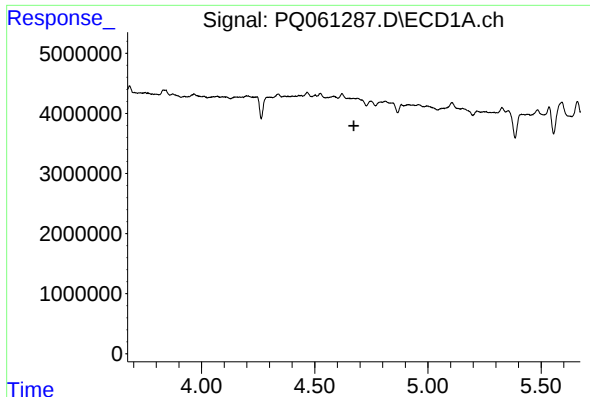
#18 AR-1242-3

R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 449121
Conc: 3.45 ng/ml



#18 AR-1242-3

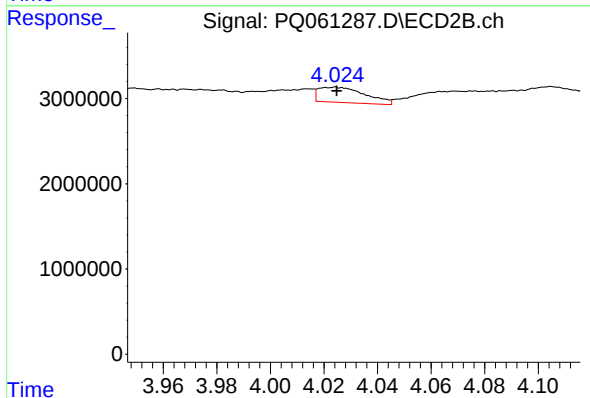
R.T.: 3.941 min
Delta R.T.: 0.003 min
Response: 639463
Conc: 9.45 ng/ml



#19 AR-1242-4

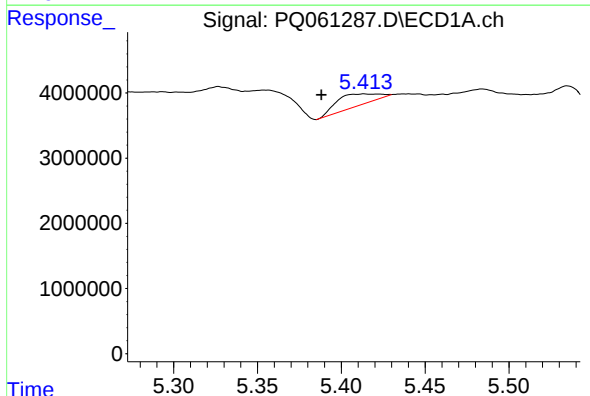
R.T.: 0.000 min
Exp R.T.: 4.673 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



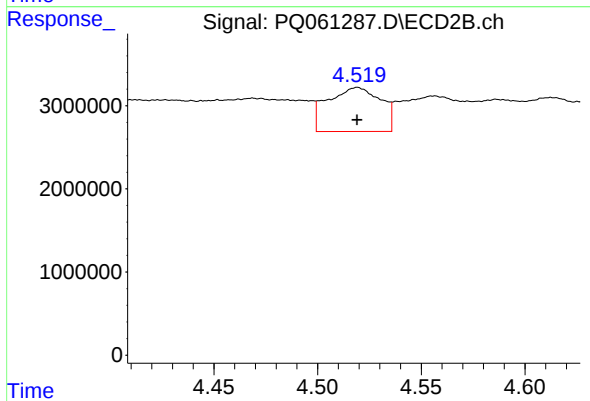
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 2171459
Conc: 33.04 ng/ml



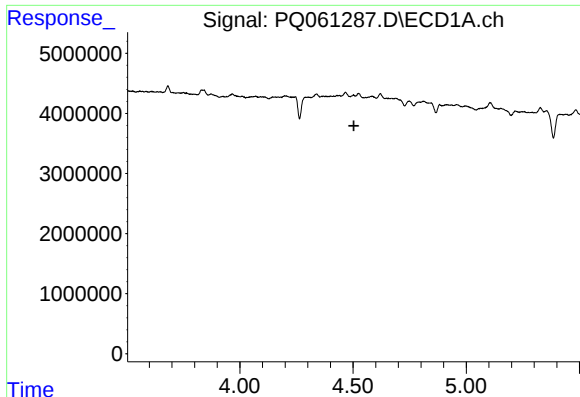
#20 AR-1242-5

R.T.: 5.414 min
Delta R.T.: 0.026 min
Response: 3000125
Conc: 27.26 ng/ml



#20 AR-1242-5

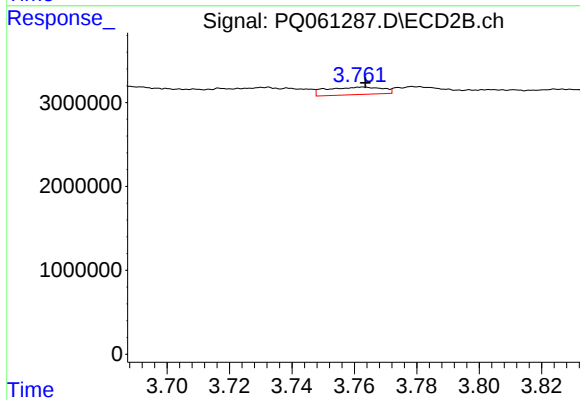
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 9446989
Conc: 103.06 ng/ml



#21 AR-1248-1

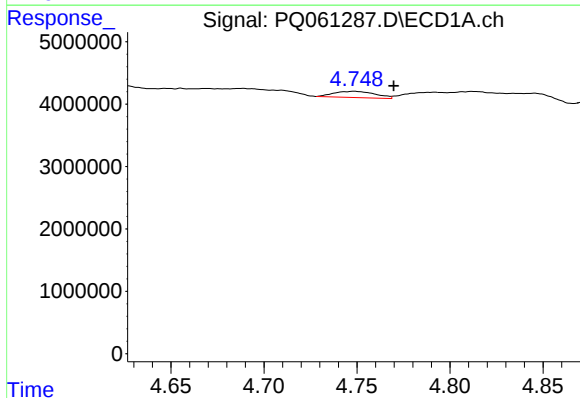
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: -60137
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



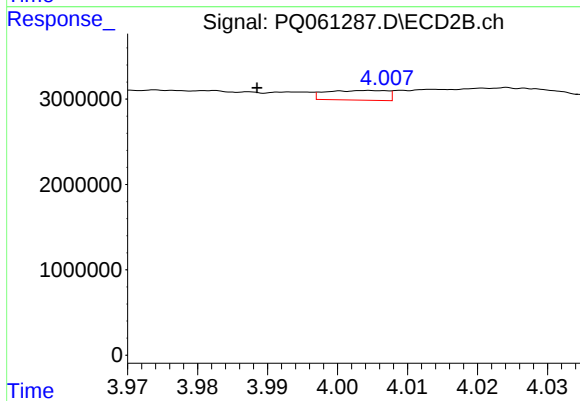
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 1100759
Conc: 14.22 ng/ml



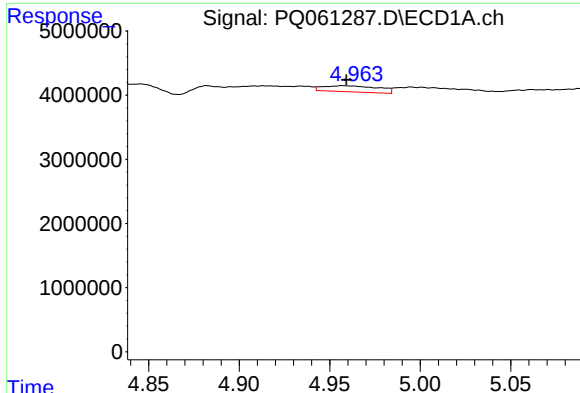
#22 AR-1248-2

R.T.: 4.749 min
Delta R.T.: -0.021 min
Response: 1528335
Conc: 9.28 ng/ml



#22 AR-1248-2

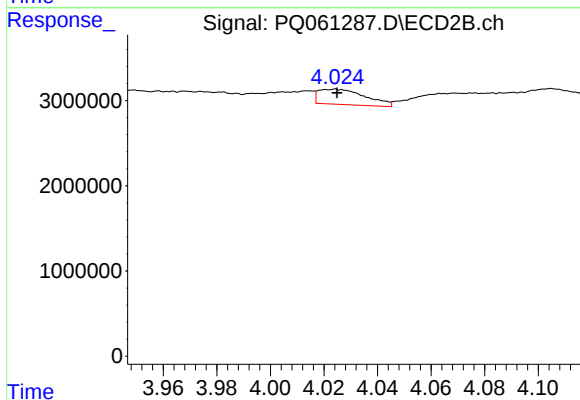
R.T.: 4.005 min
Delta R.T.: 0.016 min
Response: 686990
Conc: 5.95 ng/ml



#23 AR-1248-3

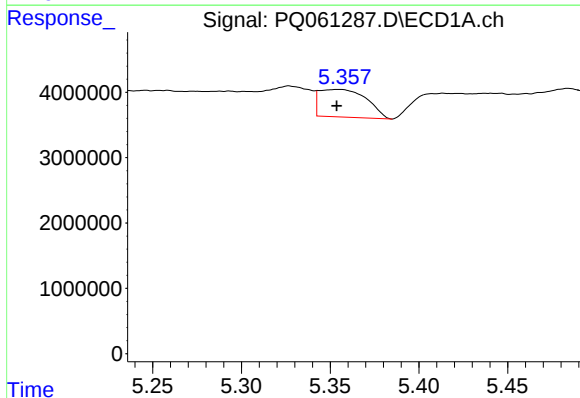
R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 2025684
Conc: 10.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



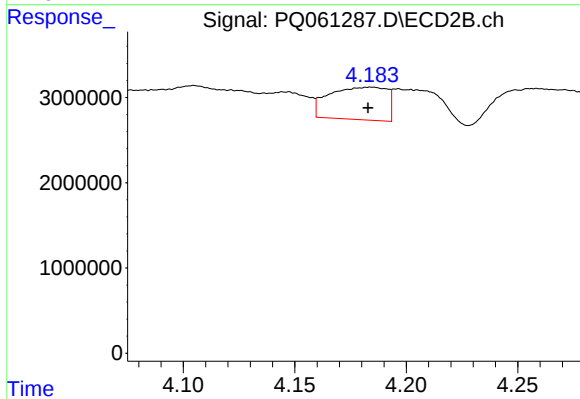
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 2171459
Conc: 19.63 ng/ml



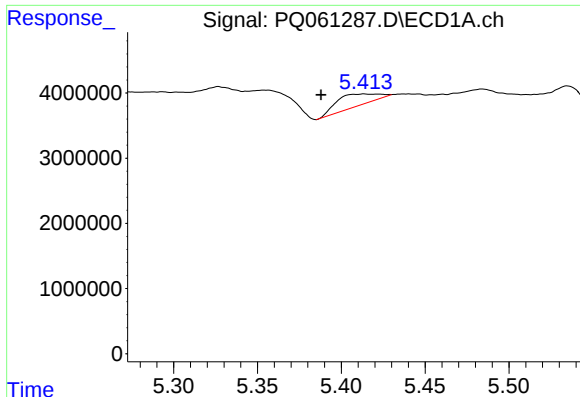
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.001 min
Response: 7806121
Conc: 34.37 ng/ml



#24 AR-1248-4

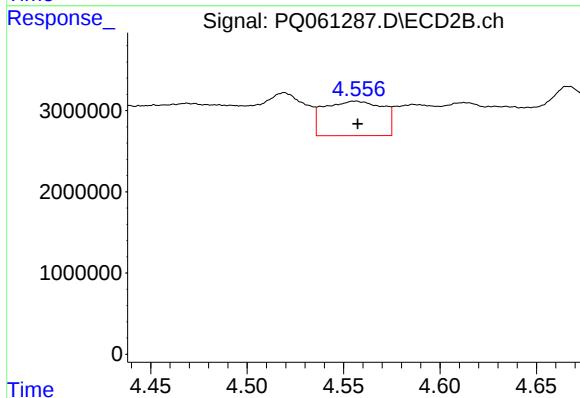
R.T.: 4.184 min
Delta R.T.: 0.001 min
Response: 6873544
Conc: 50.22 ng/ml



#25 AR-1248-5

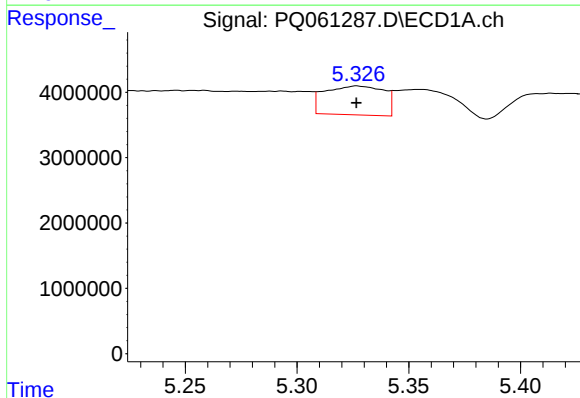
R.T.: 5.414 min
Delta R.T.: 0.026 min
Response: 3000125
Conc: 13.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



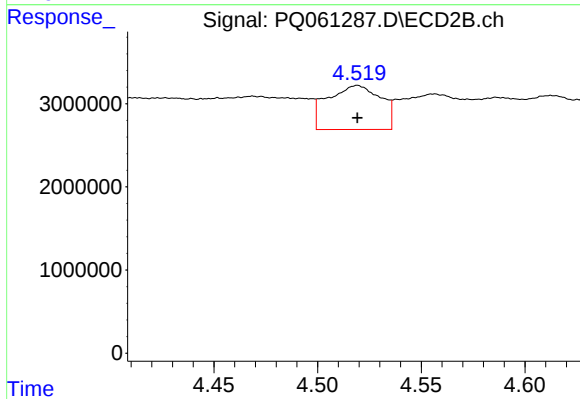
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 9032303
Conc: 65.11 ng/ml



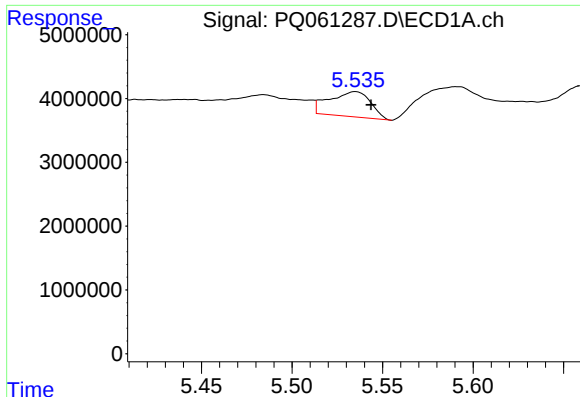
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 8108660
Conc: 40.25 ng/ml



#26 AR-1254-1

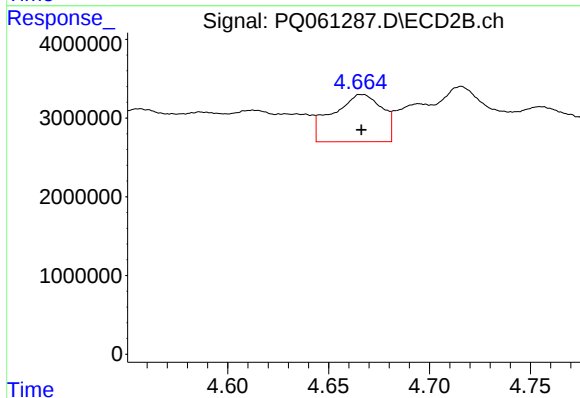
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 9446989
Conc: 52.20 ng/ml



#27 AR-1254-2

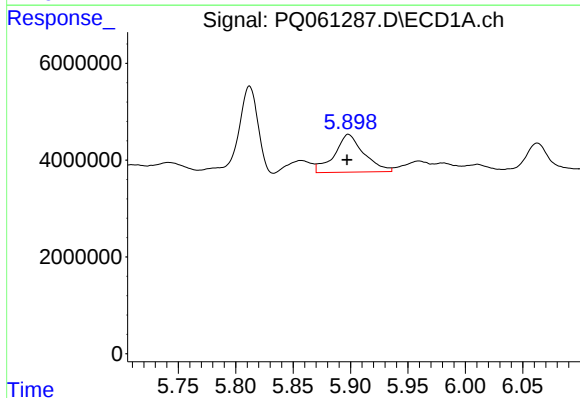
R.T.: 5.535 min
Delta R.T.: -0.009 min
Response: 6197725
Conc: 19.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



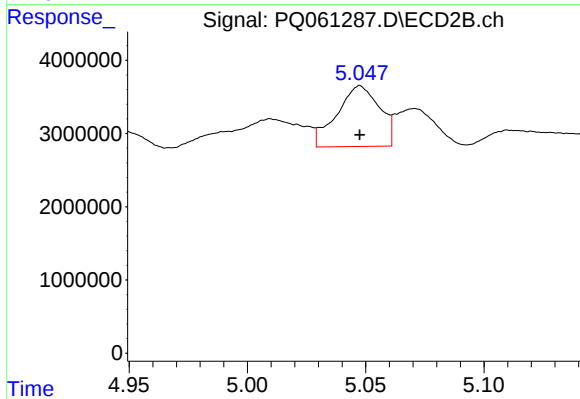
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 10219884
Conc: 62.01 ng/ml



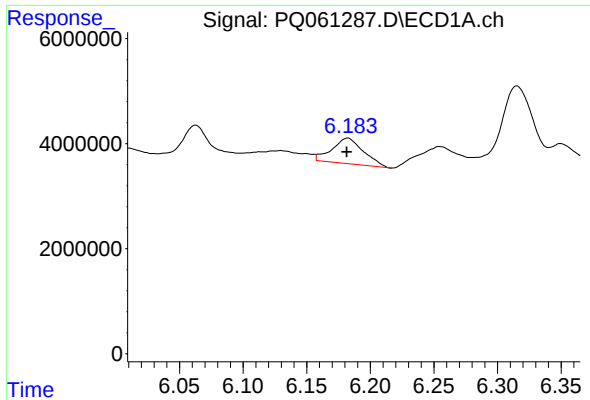
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.001 min
Response: 13981158
Conc: 42.93 ng/ml



#28 AR-1254-3

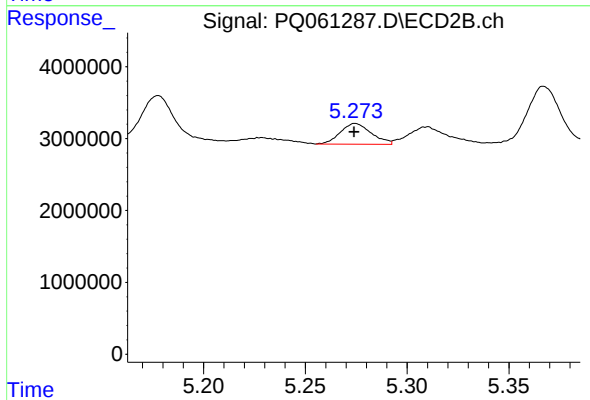
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 10420795
Conc: 40.41 ng/ml



#29 AR-1254-4

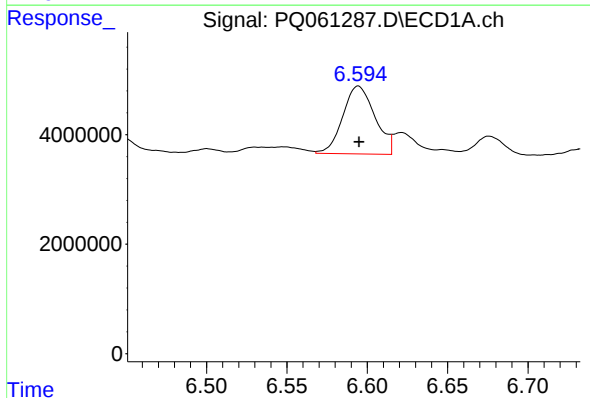
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 8342325
Conc: 34.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



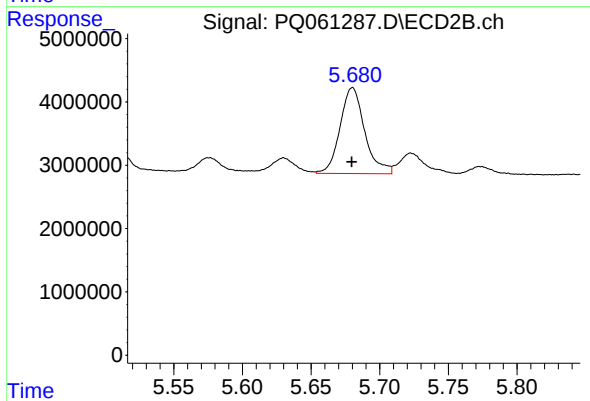
#29 AR-1254-4

R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 3058745
Conc: 18.71 ng/ml



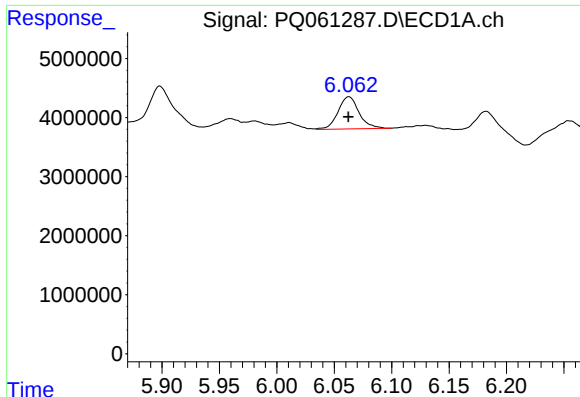
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 17287417
Conc: 62.68 ng/ml



#30 AR-1254-5

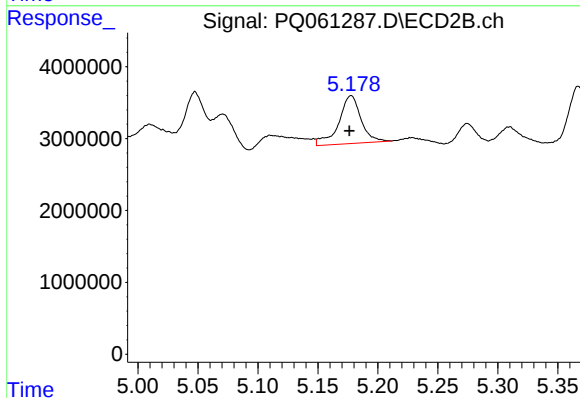
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 16994920
Conc: 66.70 ng/ml



#31 AR-1260-1

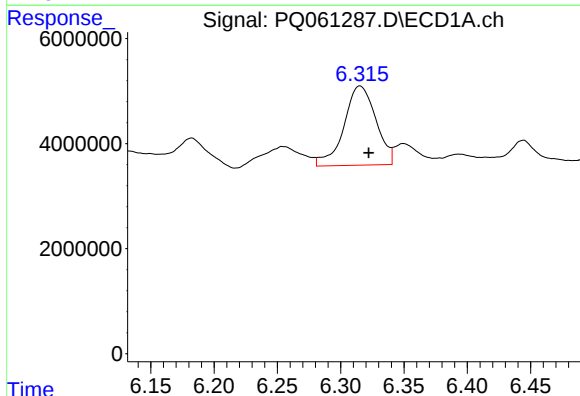
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 6965699
Conc: 27.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



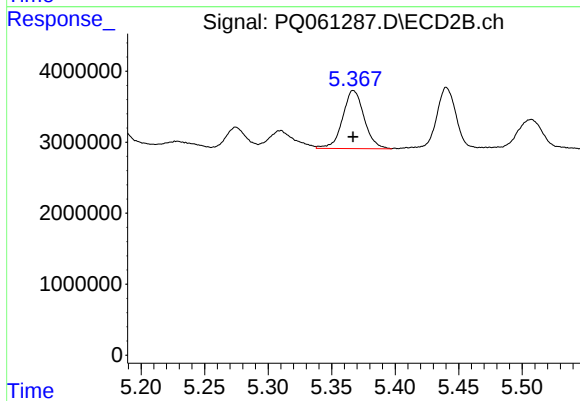
#31 AR-1260-1

R.T.: 5.178 min
Delta R.T.: 0.001 min
Response: 8581191
Conc: 46.08 ng/ml



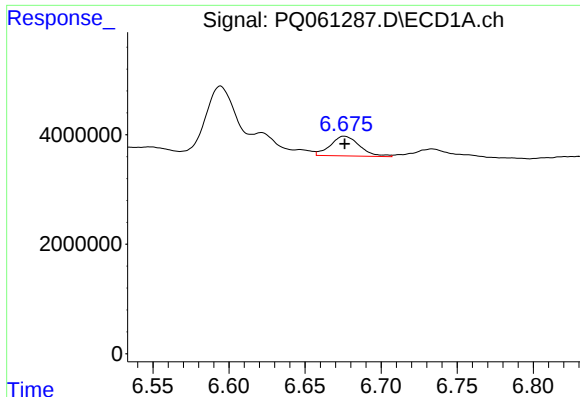
#32 AR-1260-2

R.T.: 6.315 min
Delta R.T.: -0.007 min
Response: 26536208
Conc: 87.76 ng/ml



#32 AR-1260-2

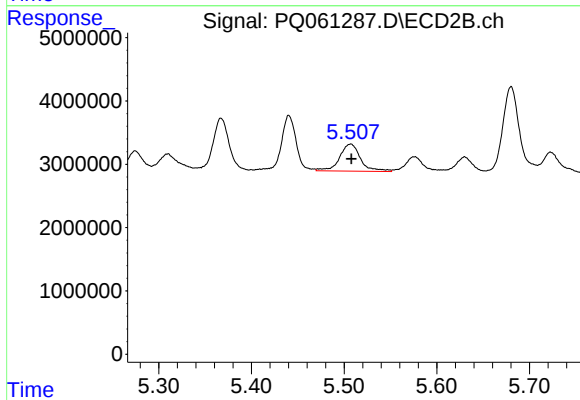
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 9673726
Conc: 42.46 ng/ml



#33 AR-1260-3

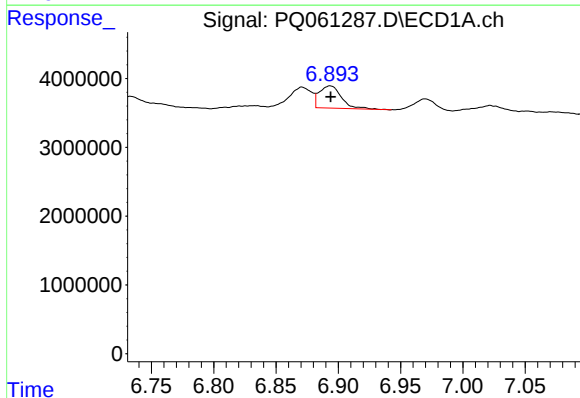
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 4816144
Conc: 25.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



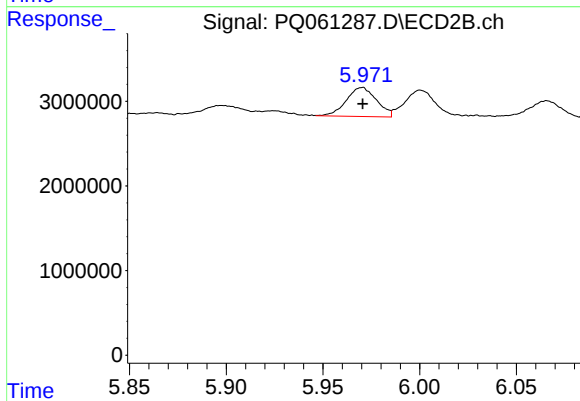
#33 AR-1260-3

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 6727841
Conc: 31.70 ng/ml



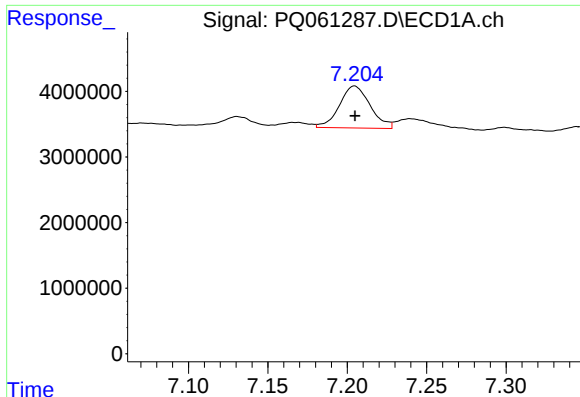
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 3964749
Conc: 17.62 ng/ml



#34 AR-1260-4

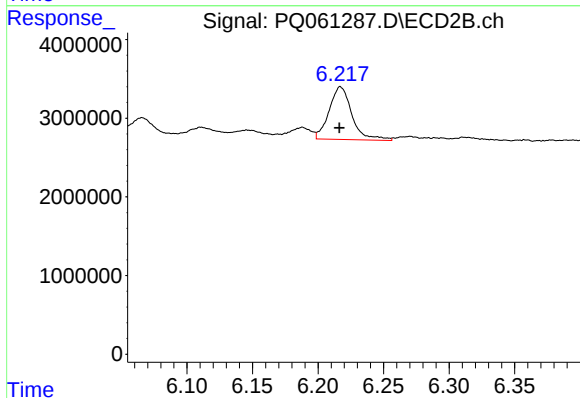
R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 3721741
Conc: 23.57 ng/ml



#35 AR-1260-5

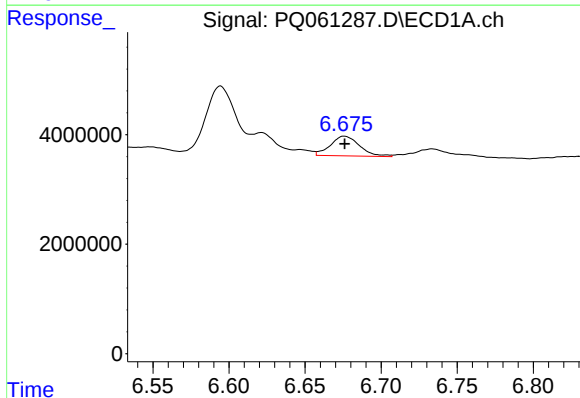
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 8649898
Conc: 19.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



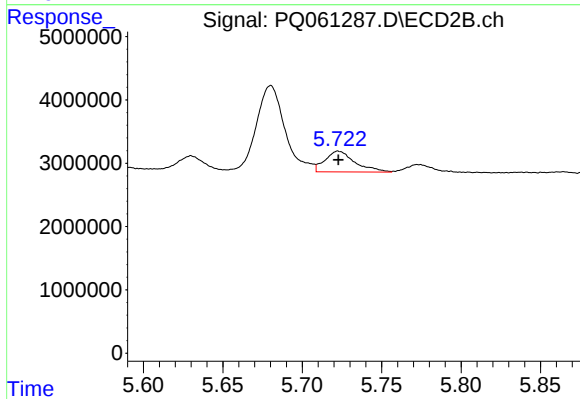
#35 AR-1260-5

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 8119261
Conc: 22.35 ng/ml



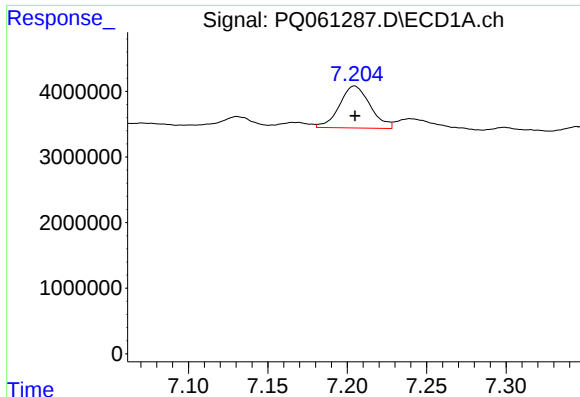
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 4816144
Conc: 15.28 ng/ml



#36 AR-1262-1

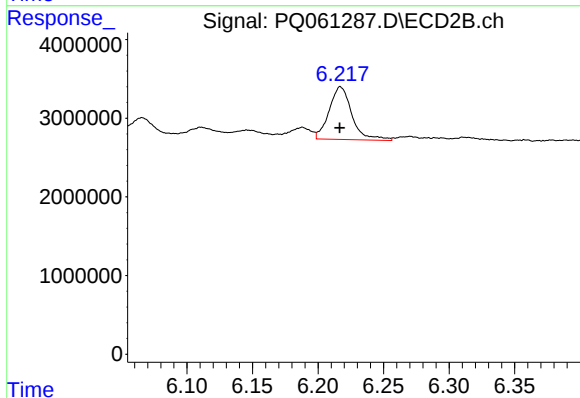
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 4324409
Conc: 17.39 ng/ml



#37 AR-1262-2

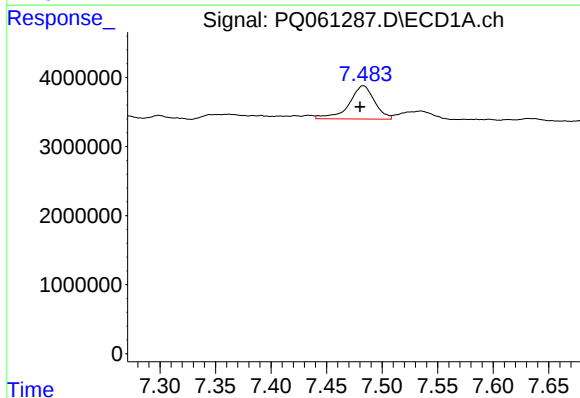
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 8649898
Conc: 15.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



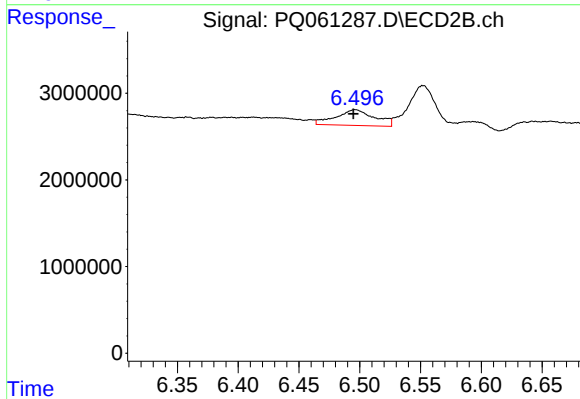
#37 AR-1262-2

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 8119261
Conc: 17.80 ng/ml



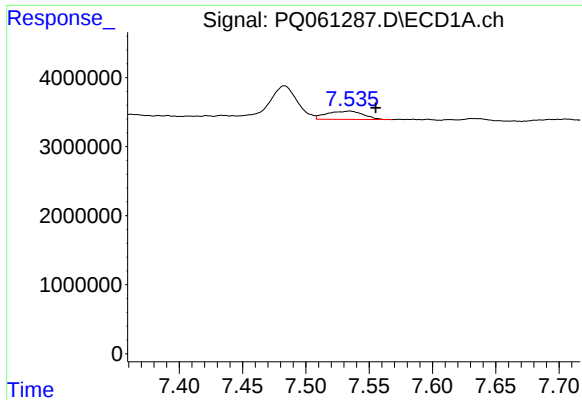
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.003 min
Response: 7711239
Conc: 21.15 ng/ml



#38 AR-1262-3

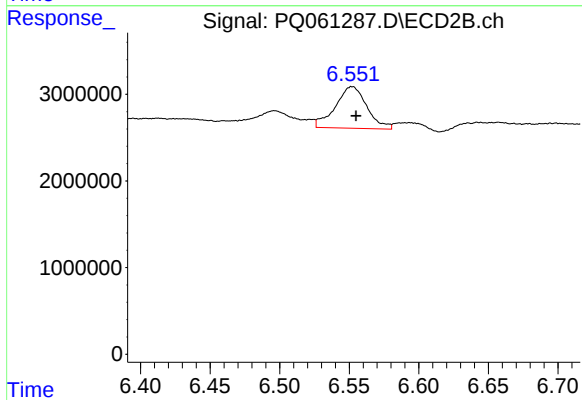
R.T.: 6.496 min
Delta R.T.: 0.001 min
Response: 4042236
Conc: 21.63 ng/ml



#39 AR-1262-4

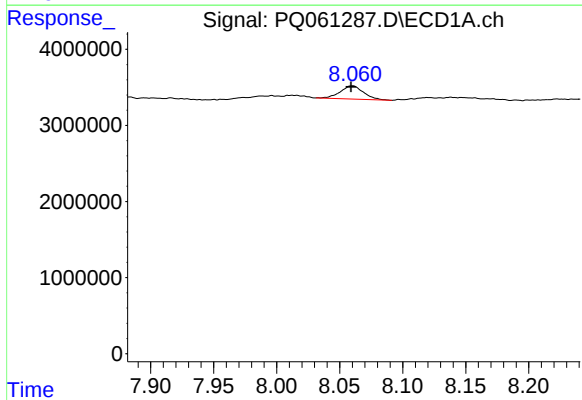
R.T.: 7.535 min
Delta R.T.: -0.021 min
Response: 2403652
Conc: 8.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



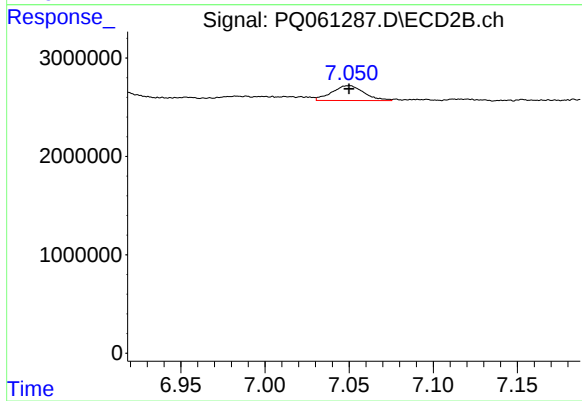
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 7588156
Conc: 21.84 ng/ml



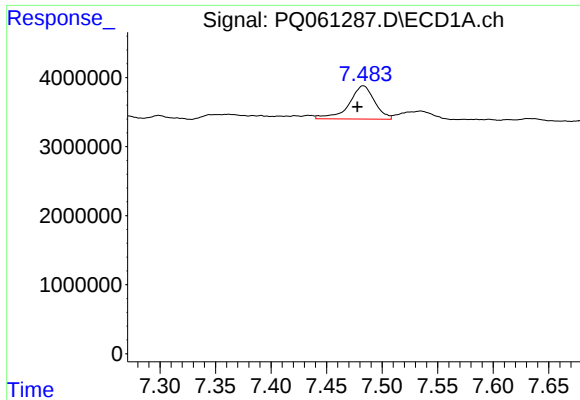
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 2220769
Conc: 11.93 ng/ml



#40 AR-1262-5

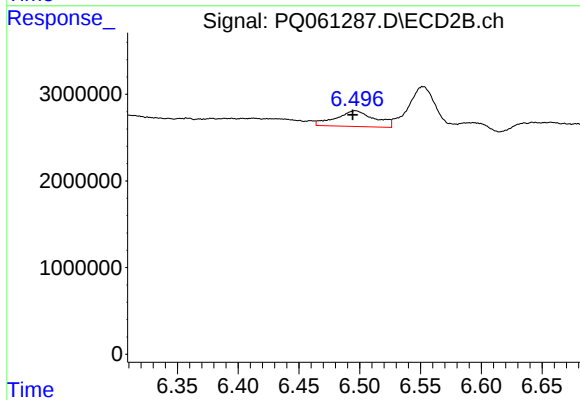
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 2000976
Conc: 11.88 ng/ml



#41 AR-1268-1

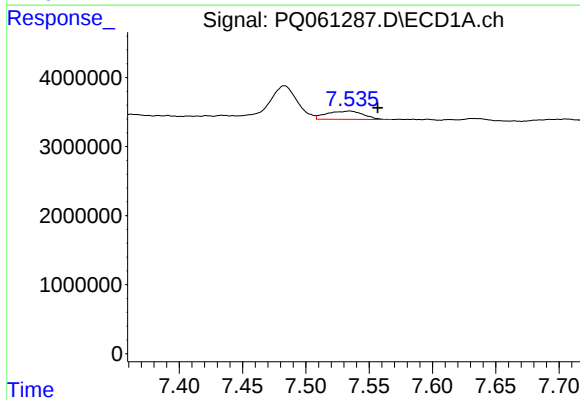
R.T.: 7.483 min
Delta R.T.: 0.005 min
Response: 7711239
Conc: 12.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



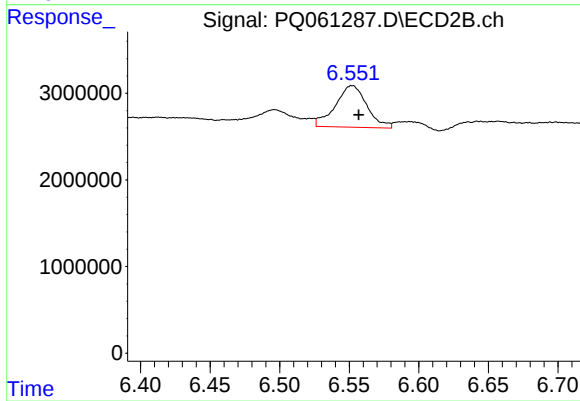
#41 AR-1268-1

R.T.: 6.496 min
Delta R.T.: 0.002 min
Response: 4042236
Conc: 7.59 ng/ml



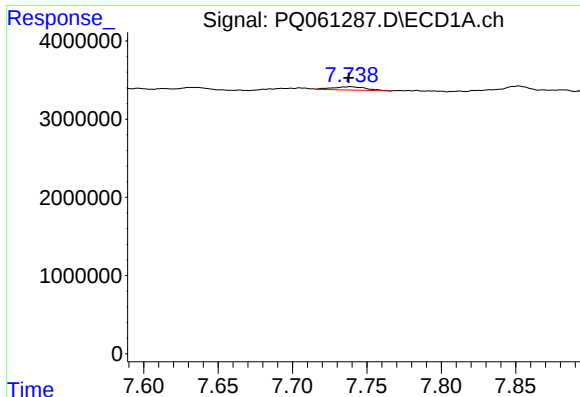
#42 AR-1268-2

R.T.: 7.535 min
Delta R.T.: -0.022 min
Response: 2403652
Conc: 4.33 ng/ml



#42 AR-1268-2

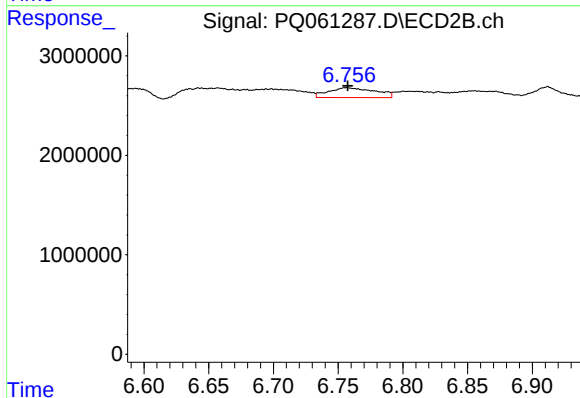
R.T.: 6.552 min
Delta R.T.: -0.005 min
Response: 7588156
Conc: 15.70 ng/ml



#43 AR-1268-3

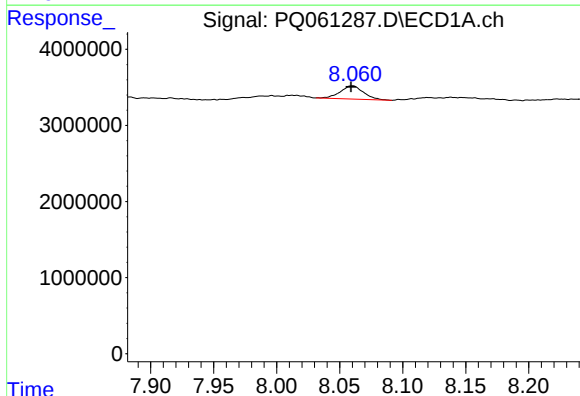
R.T.: 7.739 min
Delta R.T.: 0.001 min
Response: 649999
Conc: 1.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



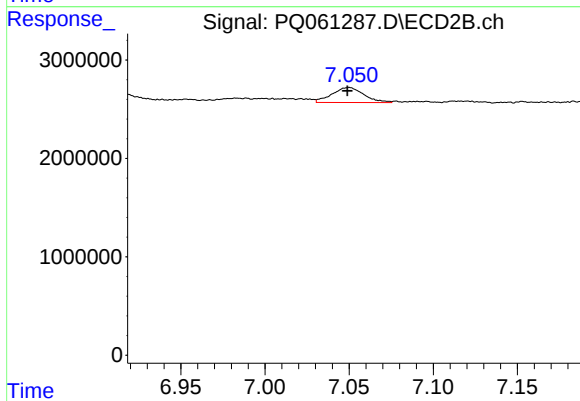
#43 AR-1268-3

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 2493198
Conc: 5.96 ng/ml



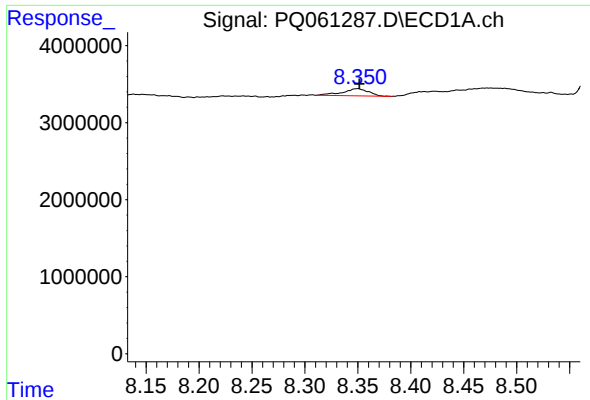
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 2220769
Conc: 10.94 ng/ml



#44 AR-1268-4

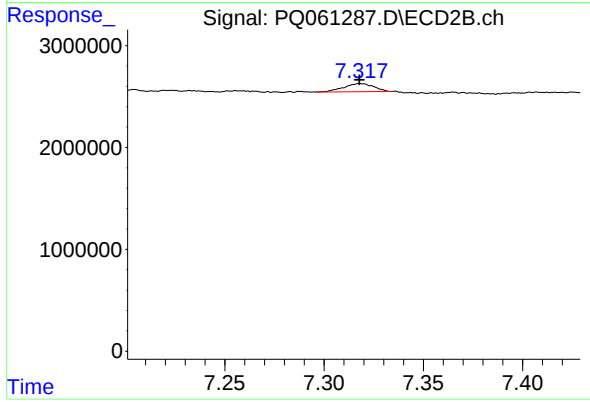
R.T.: 7.050 min
Delta R.T.: 0.001 min
Response: 2000976
Conc: 10.81 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.002 min
Response: 1610633
Conc: 1.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 838473
Conc: 0.62 ng/ml