

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080923\
 Data File : PP059263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 14:08
 Operator : YP\AJ
 Sample : 03572-08
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 16:07:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.415	3.648	21782305	37307649	17.752	18.413
2)	SA Decachlor...	10.208	8.684	16138640	29934348	21.145	21.278
Target Compounds							
3)	L1 AR-1016-1	5.592	4.741	1399908	2483136	35.632	38.716
4)	L1 AR-1016-2	5.615	4.760	2031269	3395873	35.833	37.383
5)	L1 AR-1016-3	5.677	4.936	1289599	1802839	35.948	37.522
6)	L1 AR-1016-4	5.776	4.978	980967	1584491	33.865	38.373
7)	L1 AR-1016-5	6.073	5.192	1118402	1930454	36.955	37.101
8)	L2 AR-1221-1	4.625	3.862	147518	256906	9.364	9.464
9)	L2 AR-1221-2	4.722	3.948	593383	793822	50.249	39.871
10)	L2 AR-1221-3	4.789	4.026	885711	1422757	25.153	23.898
11)	L3 AR-1232-1	4.789	4.026	885711	1422757	30.130	29.985
12)	L3 AR-1232-2	5.322	4.760	1120078	3395873	71.860	80.056
13)	L3 AR-1232-3	5.615	4.936	2031269	1802839	76.926	81.254
14)	L3 AR-1232-4	5.776	5.020	980967	1916645	74.122	90.775
15)	L3 AR-1232-5	5.868	5.192	915081	1930454	80.168	84.216
16)	L4 AR-1242-1	5.592	4.741	1399908	2483136	40.896	44.370
17)	L4 AR-1242-2	5.615	4.760	2031269	3395873	41.395	42.589
18)	L4 AR-1242-3	5.677	4.936	1289599	1802839	41.046	42.301
19)	L4 AR-1242-4	5.776	5.020	980967	1916645	38.253	43.893
20)	L4 AR-1242-5	6.517	5.546	1063930	2210297	41.183	44.497
21)	L5 AR-1248-1	5.592	4.741	1399908	2483136	55.157	60.361
22)	L5 AR-1248-2	5.868	4.978	915081	1584491	23.642	26.313
23)	L5 AR-1248-3	6.073	5.020	1118402	1916645	26.474	31.109
24)	L5 AR-1248-4	6.478	5.192	1027285	1930454	24.674	26.813
25)	L5 AR-1248-5	6.517	5.587	1063930	1813248	26.082	27.480
26)	L6 AR-1254-1	6.451	5.546	830417	2210297	17.776	21.816
27)	L6 AR-1254-2	6.674	5.694	964860	548729	14.022	6.216 #
28)	L6 AR-1254-3	7.039	6.100	497439	678827	7.207	4.910 #
29)	L6 AR-1254-4	7.327	6.332	332779	476704	7.393	5.931
30)	L6 AR-1254-5	7.746	6.751	152104	192628	3.237	1.611 #
31)	L7 AR-1260-1	7.199	6.243	32602	176381	0.596	1.781 #
32)	L7 AR-1260-2	7.462	6.427	85908	128151	1.443	1.108
33)	L7 AR-1260-3	7.831	6.579	26213	148266	0.666	1.333 #
34)	L7 AR-1260-4	8.048	7.060	78593	64264	1.770	0.741 #
35)	L7 AR-1260-5	8.366	7.291	39193	51189	0.490	0.278 #
36)	L8 AR-1262-1	7.831	6.829	26213	22771	0.412	0.396
37)	L8 AR-1262-2	8.366	7.060	39193	64264	0.427	0.545 #
38)	L8 AR-1262-3	8.683	7.582	11876	14506	0.185	0.170
39)	L8 AR-1262-4	8.775	7.639	36807	52436	1.108	0.347 #
40)	L8 AR-1262-5	9.447	8.136	22015	175221	0.738	2.747 #
41)	L9 AR-1268-1	8.683	7.582	11876	14506	0.105	0.059 #

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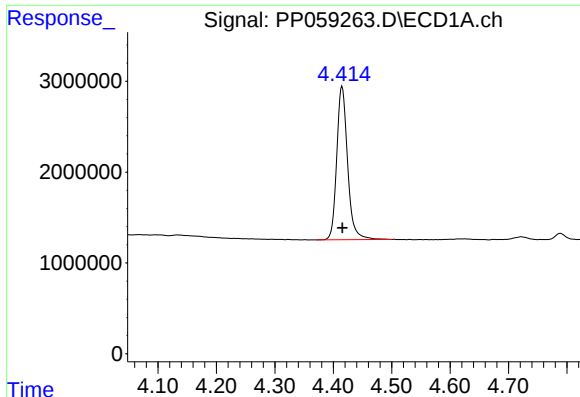
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 16:07:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.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	8.775	7.639	36807	52436	0.374	0.239 #
43) L9	AR-1268-3	9.014	7.849	30222	101106	0.326	0.517 #
44) L9	AR-1268-4	9.447	8.136	22015	175221	0.690	2.518 #
45) L9	AR-1268-5	9.869	8.427	40112	179695	0.148	0.347 #

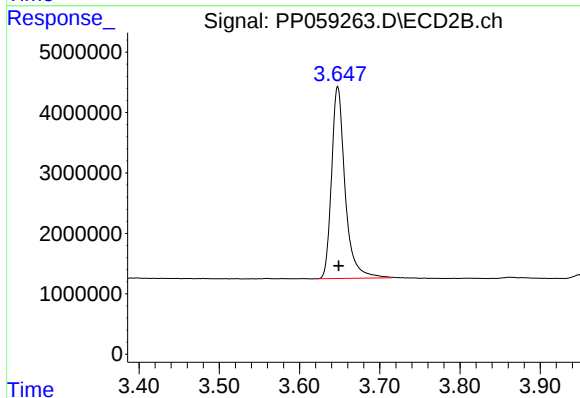
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

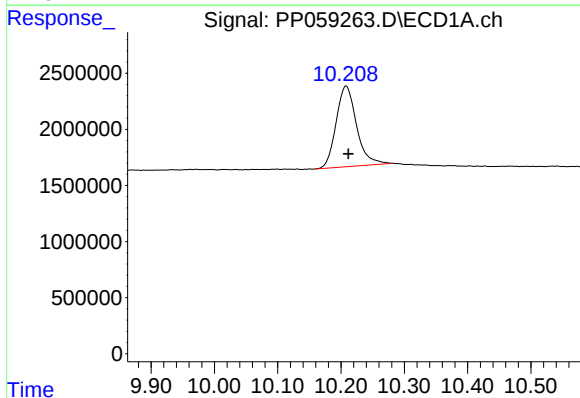
R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 21782305
Conc: 17.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



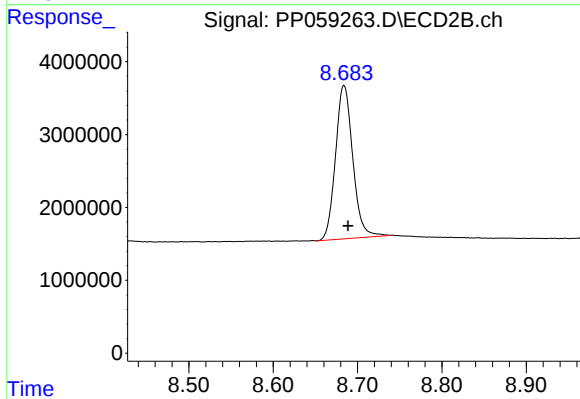
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: -0.001 min
Response: 37307649
Conc: 18.41 ng/ml



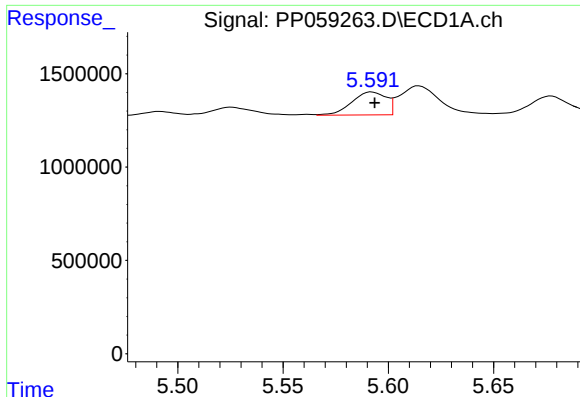
#2 Decachlorobiphenyl

R.T.: 10.208 min
Delta R.T.: -0.003 min
Response: 16138640
Conc: 21.15 ng/ml



#2 Decachlorobiphenyl

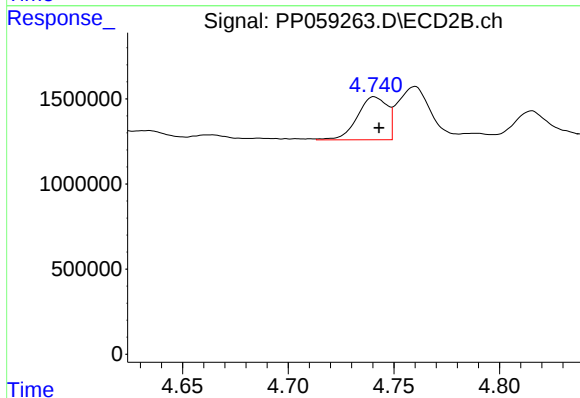
R.T.: 8.684 min
Delta R.T.: -0.005 min
Response: 29934348
Conc: 21.28 ng/ml



#3 AR-1016-1

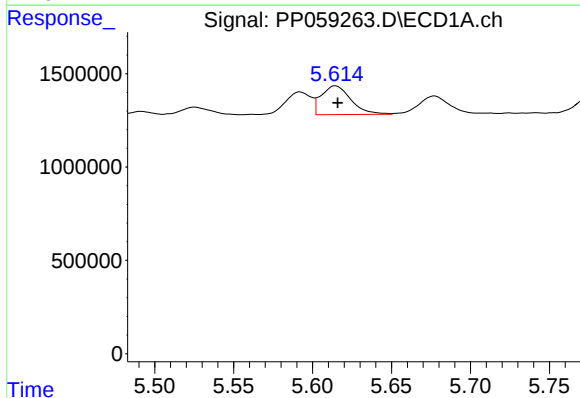
R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 1399908
Conc: 35.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



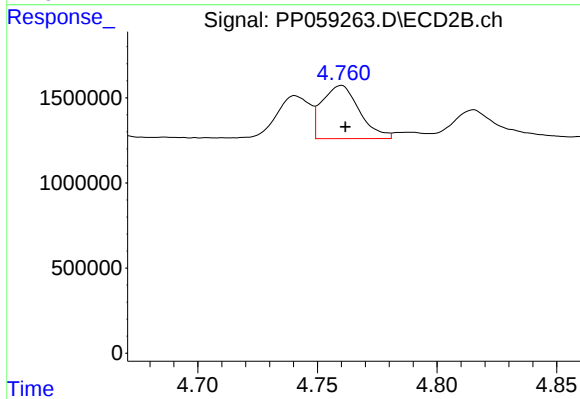
#3 AR-1016-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 2483136
Conc: 38.72 ng/ml



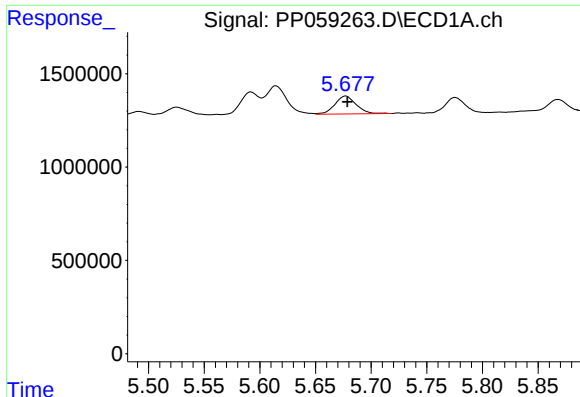
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: -0.001 min
Response: 2031269
Conc: 35.83 ng/ml



#4 AR-1016-2

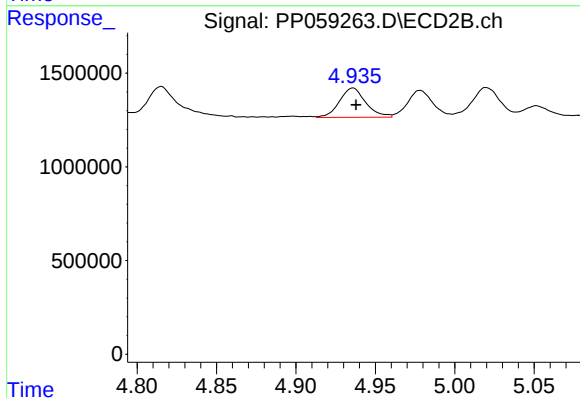
R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 3395873
Conc: 37.38 ng/ml



#5 AR-1016-3

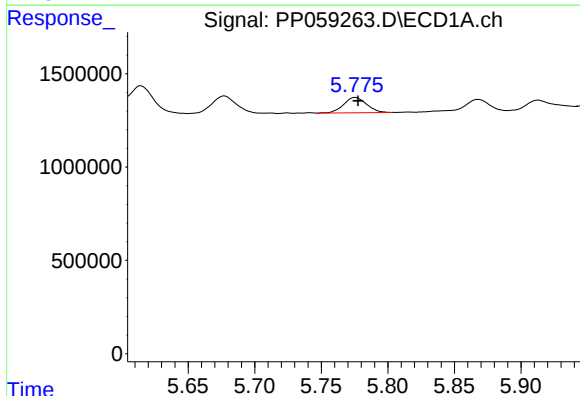
R.T.: 5.677 min
Delta R.T.: -0.001 min
Response: 1289599
Conc: 35.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



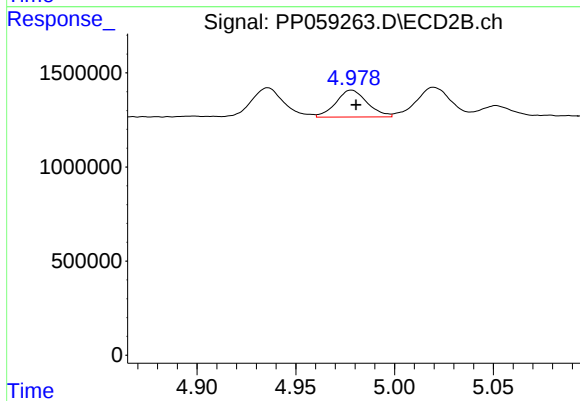
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 1802839
Conc: 37.52 ng/ml



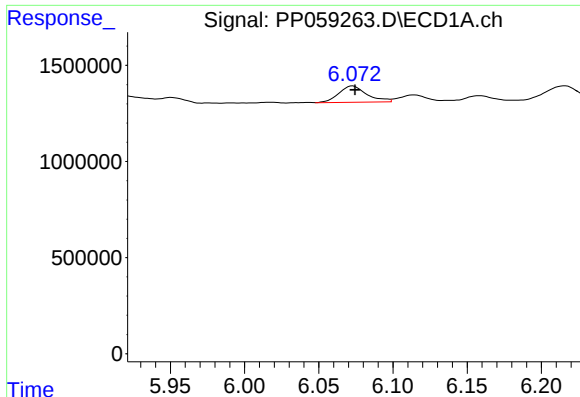
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 980967
Conc: 33.86 ng/ml



#6 AR-1016-4

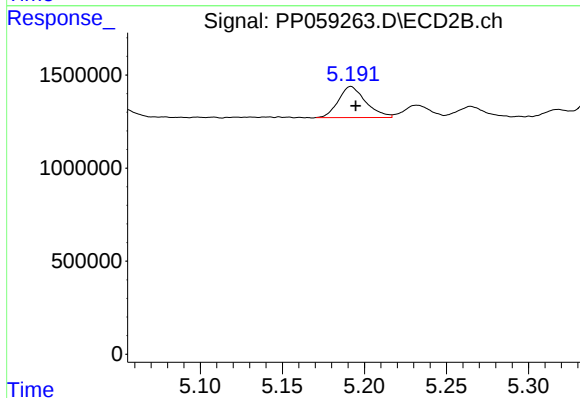
R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 1584491
Conc: 38.37 ng/ml



#7 AR-1016-5

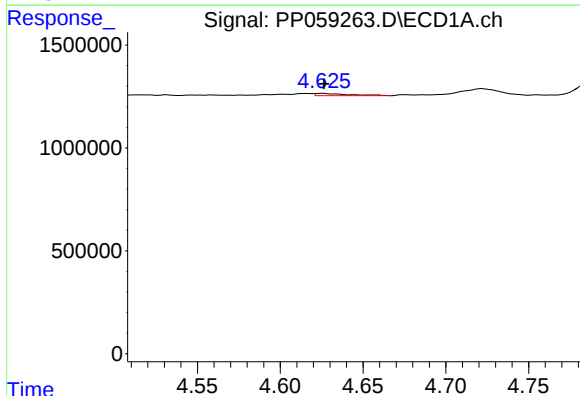
R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1118402
Conc: 36.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



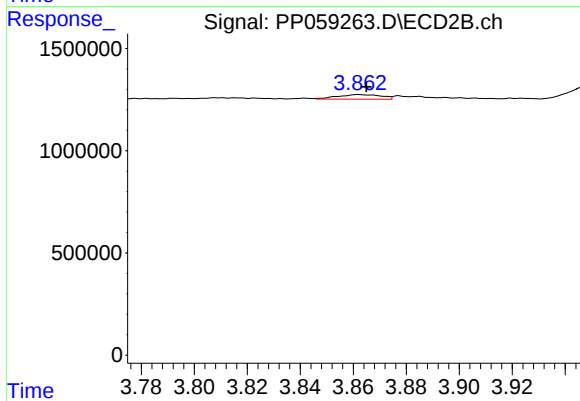
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: -0.003 min
Response: 1930454
Conc: 37.10 ng/ml



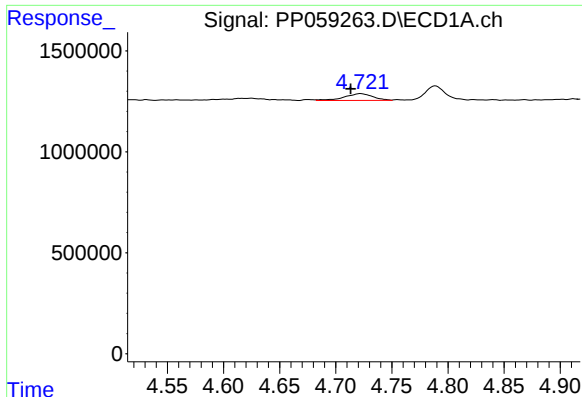
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 147518
Conc: 9.36 ng/ml



#8 AR-1221-1

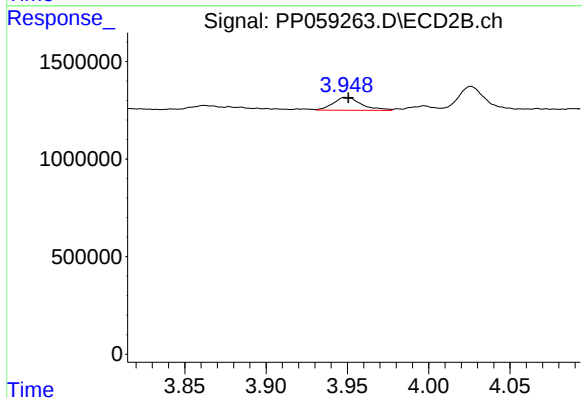
R.T.: 3.862 min
Delta R.T.: -0.003 min
Response: 256906
Conc: 9.46 ng/ml



#9 AR-1221-2

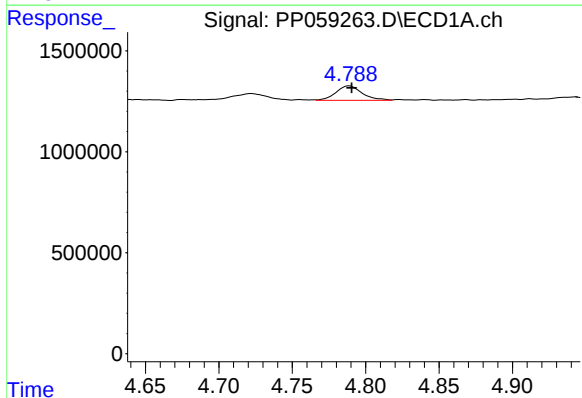
R.T.: 4.722 min
Delta R.T.: 0.009 min
Response: 593383
Conc: 50.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



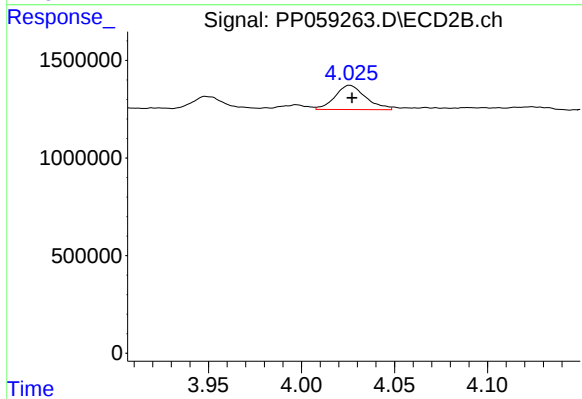
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 793822
Conc: 39.87 ng/ml



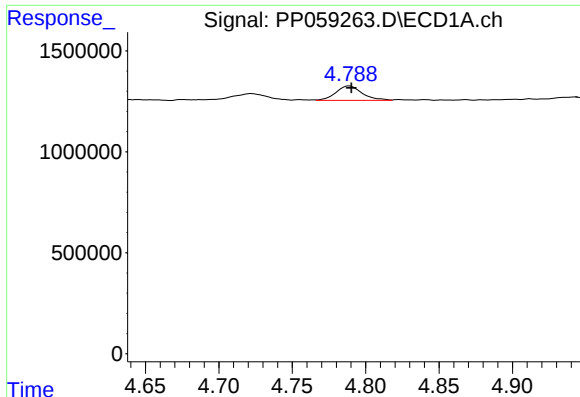
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 885711
Conc: 25.15 ng/ml



#10 AR-1221-3

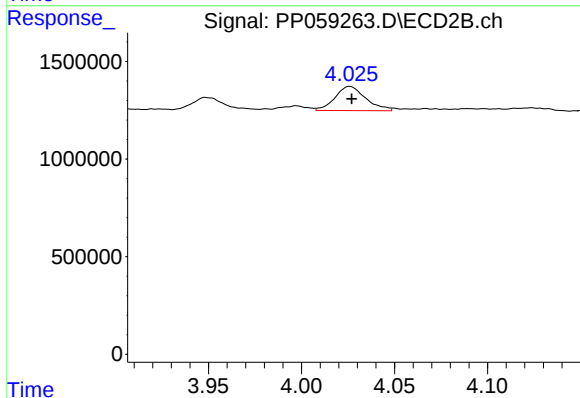
R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 1422757
Conc: 23.90 ng/ml



#11 AR-1232-1

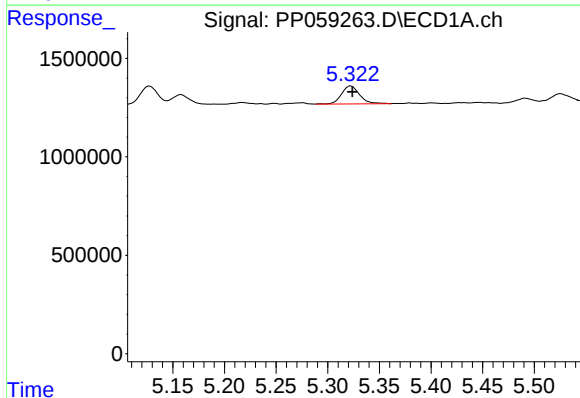
R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 885711
Conc: 30.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



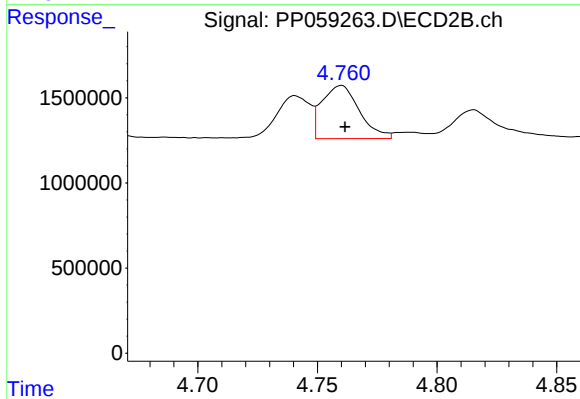
#11 AR-1232-1

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 1422757
Conc: 29.99 ng/ml



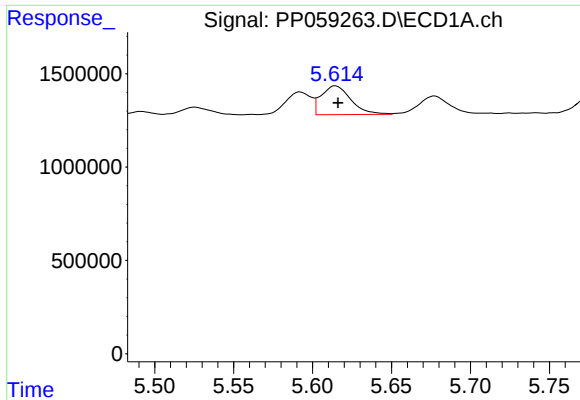
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.001 min
Response: 1120078
Conc: 71.86 ng/ml



#12 AR-1232-2

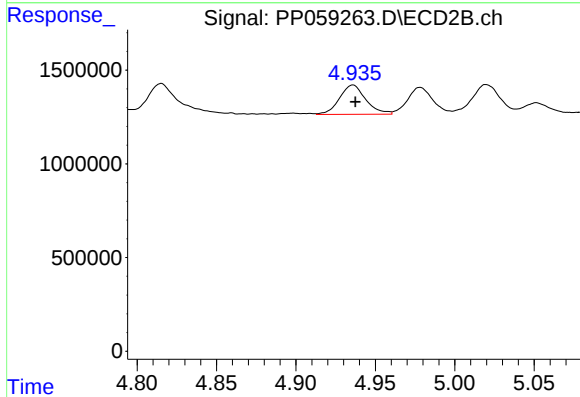
R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 3395873
Conc: 80.06 ng/ml



#13 AR-1232-3

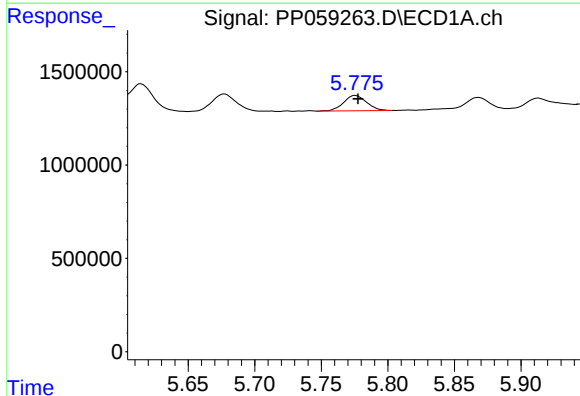
R.T.: 5.615 min
Delta R.T.: -0.001 min
Response: 2031269
Conc: 76.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



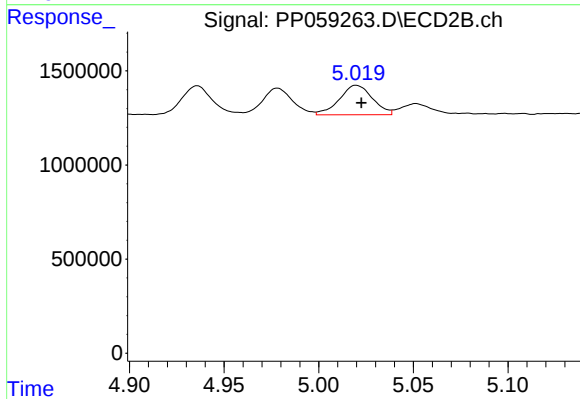
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: -0.001 min
Response: 1802839
Conc: 81.25 ng/ml



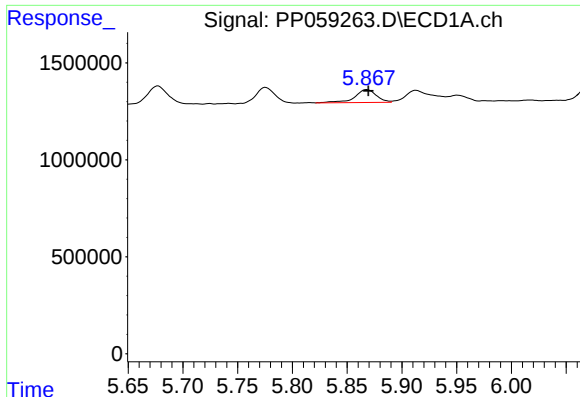
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 980967
Conc: 74.12 ng/ml



#14 AR-1232-4

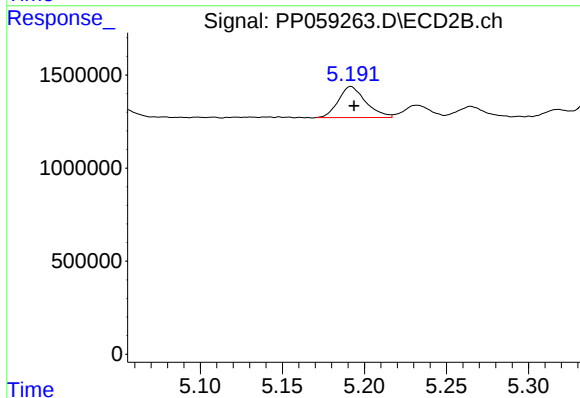
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 1916645
Conc: 90.77 ng/ml



#15 AR-1232-5

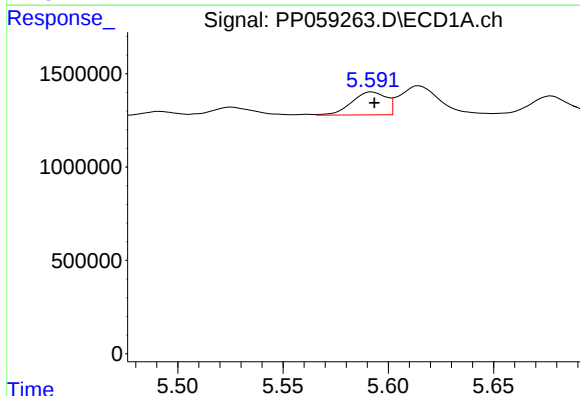
R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 915081
Conc: 80.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



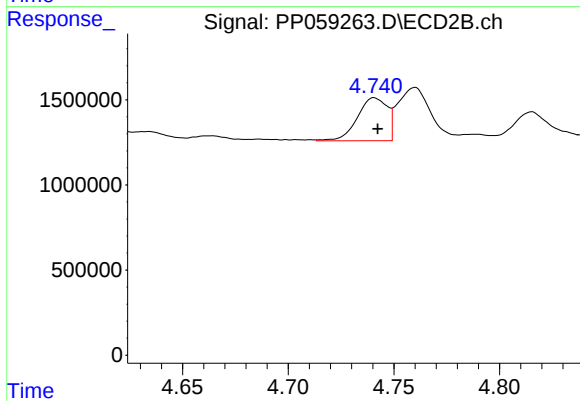
#15 AR-1232-5

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 1930454
Conc: 84.22 ng/ml



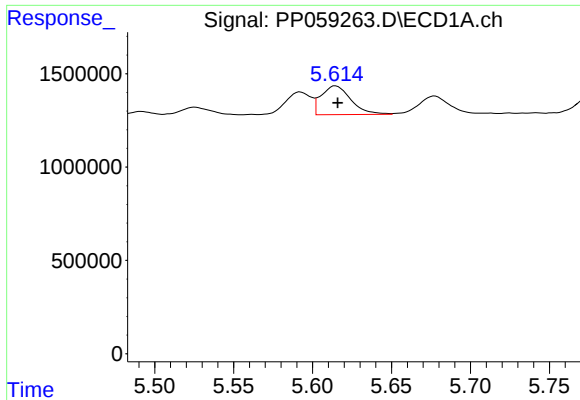
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 1399908
Conc: 40.90 ng/ml



#16 AR-1242-1

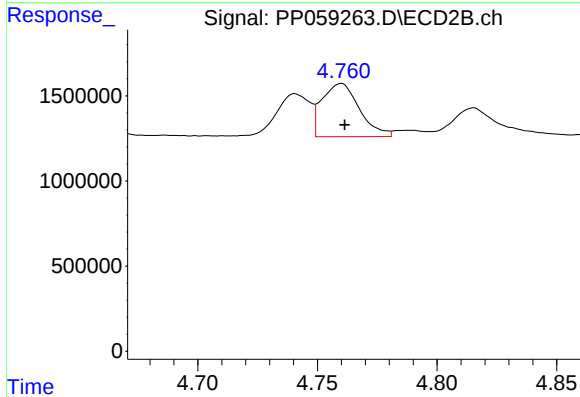
R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 2483136
Conc: 44.37 ng/ml



#17 AR-1242-2

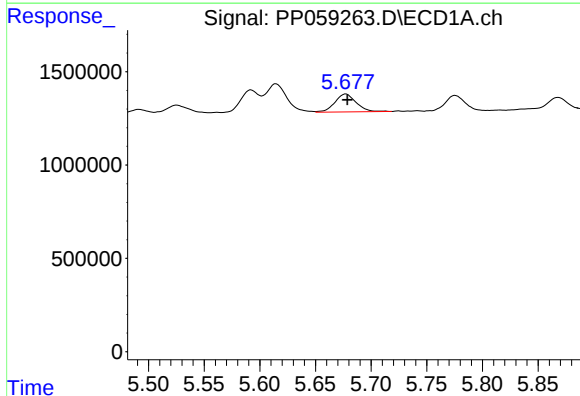
R.T.: 5.615 min
Delta R.T.: -0.001 min
Response: 2031269
Conc: 41.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



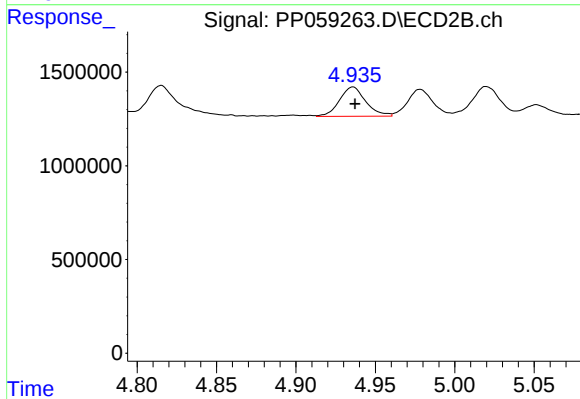
#17 AR-1242-2

R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 3395873
Conc: 42.59 ng/ml



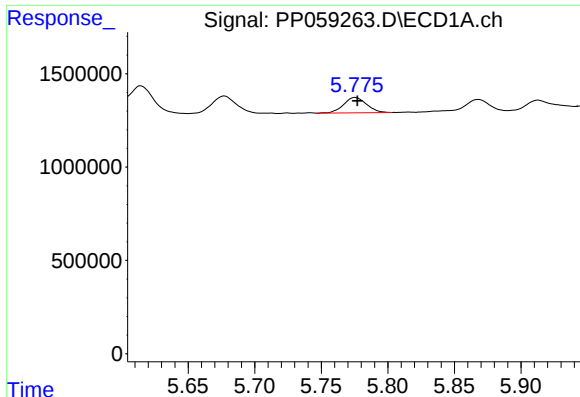
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.001 min
Response: 1289599
Conc: 41.05 ng/ml



#18 AR-1242-3

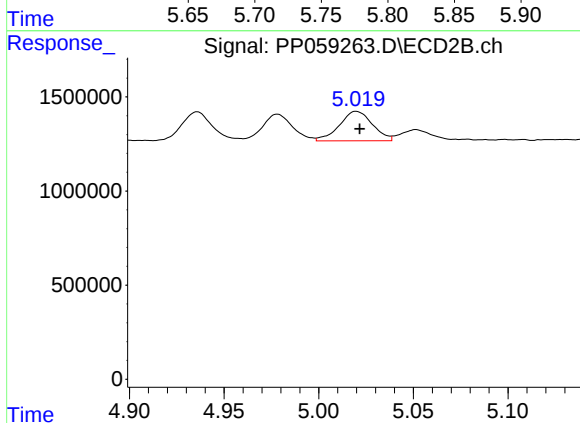
R.T.: 4.936 min
Delta R.T.: -0.001 min
Response: 1802839
Conc: 42.30 ng/ml



#19 AR-1242-4

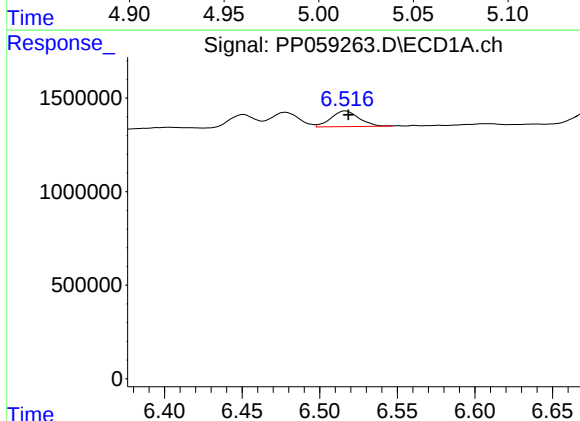
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 980967
Conc: 38.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



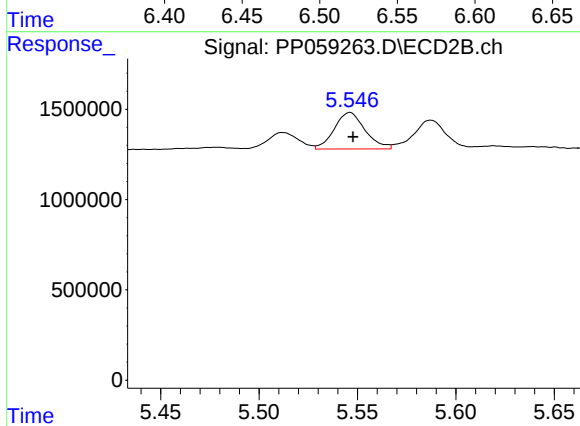
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 1916645
Conc: 43.89 ng/ml



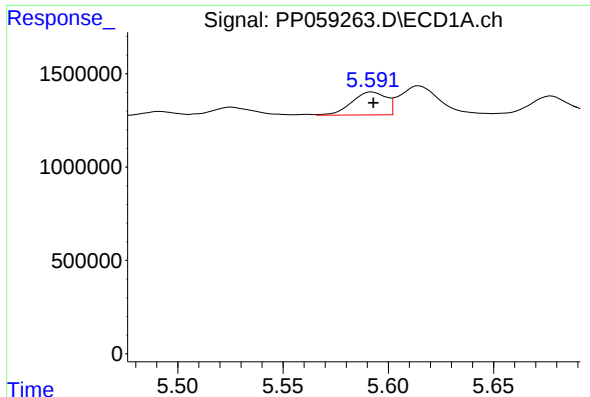
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 1063930
Conc: 41.18 ng/ml



#20 AR-1242-5

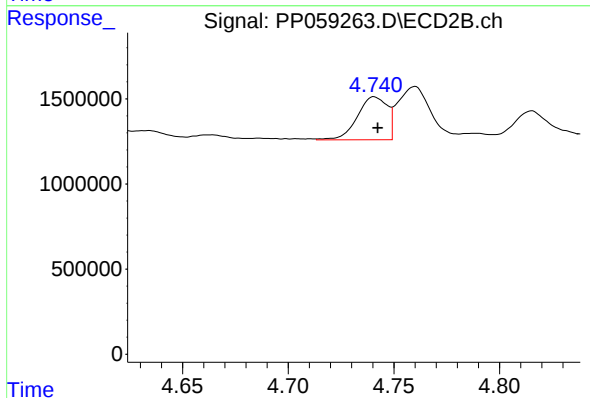
R.T.: 5.546 min
Delta R.T.: -0.001 min
Response: 2210297
Conc: 44.50 ng/ml



#21 AR-1248-1

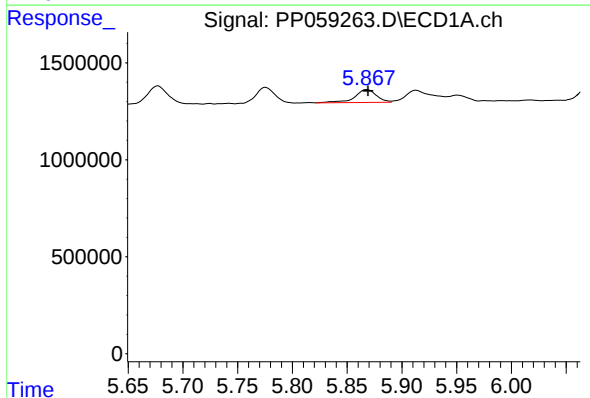
R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 1399908
Conc: 55.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



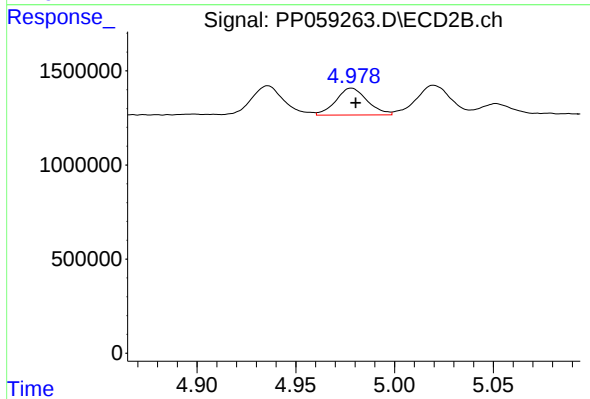
#21 AR-1248-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 2483136
Conc: 60.36 ng/ml



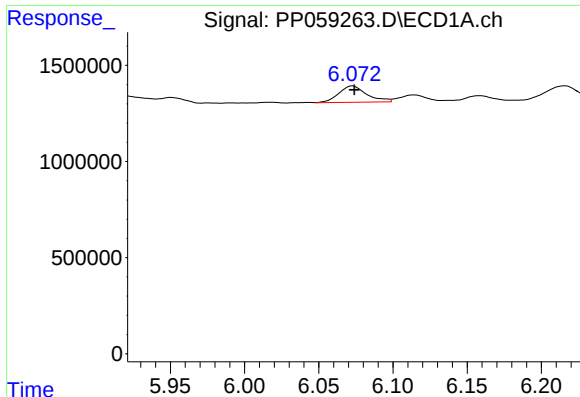
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 915081
Conc: 23.64 ng/ml



#22 AR-1248-2

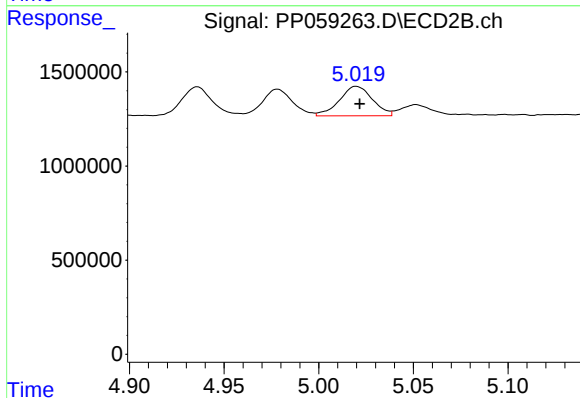
R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 1584491
Conc: 26.31 ng/ml



#23 AR-1248-3

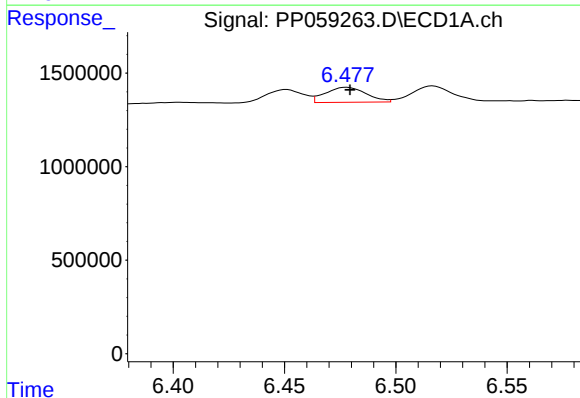
R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 1118402
Conc: 26.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



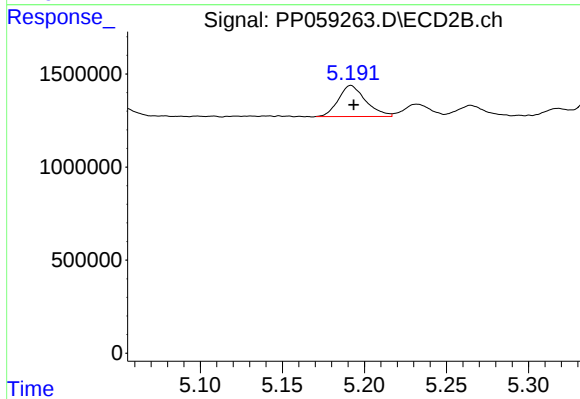
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 1916645
Conc: 31.11 ng/ml



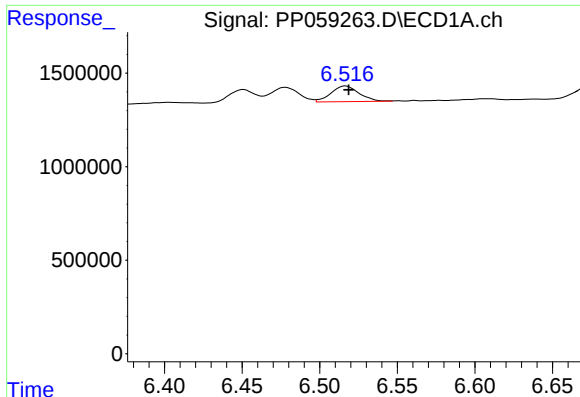
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 1027285
Conc: 24.67 ng/ml



#24 AR-1248-4

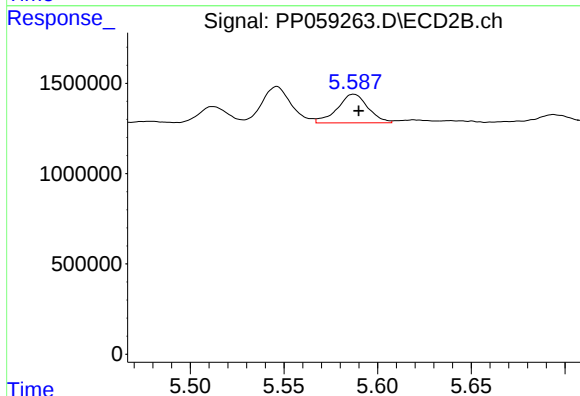
R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 1930454
Conc: 26.81 ng/ml



#25 AR-1248-5

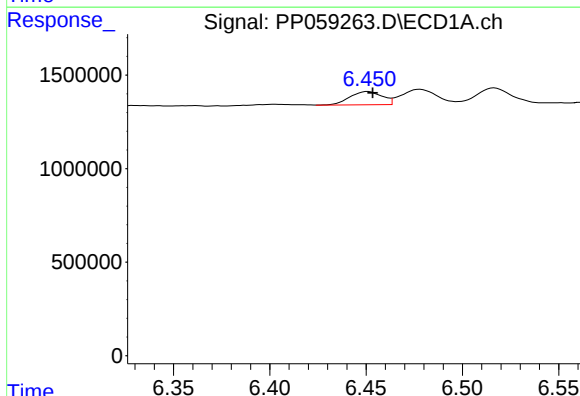
R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 1063930
Conc: 26.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



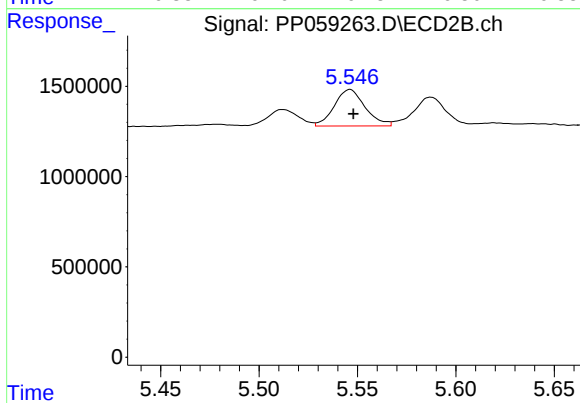
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.003 min
Response: 1813248
Conc: 27.48 ng/ml



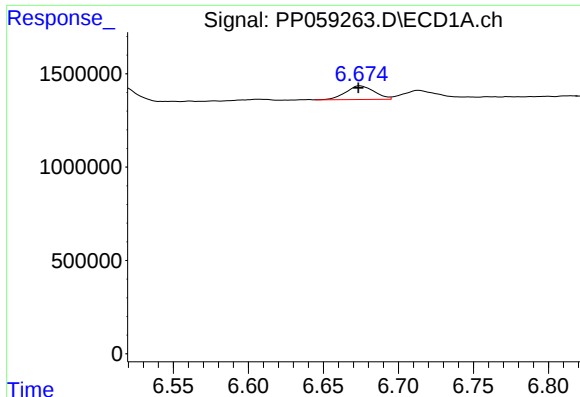
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 830417
Conc: 17.78 ng/ml



#26 AR-1254-1

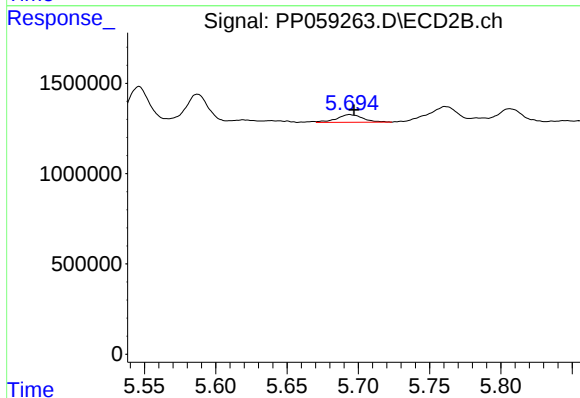
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 2210297
Conc: 21.82 ng/ml



#27 AR-1254-2

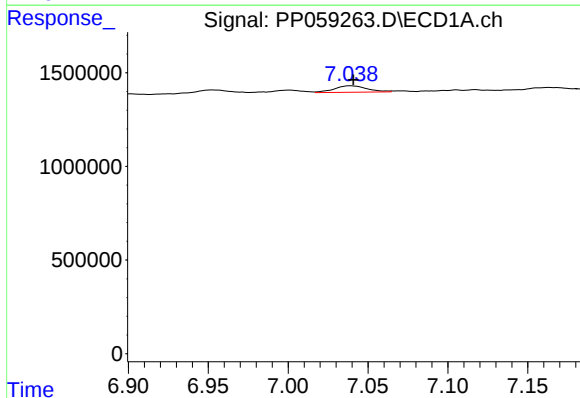
R.T.: 6.674 min
Delta R.T.: 0.001 min
Response: 964860
Conc: 14.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



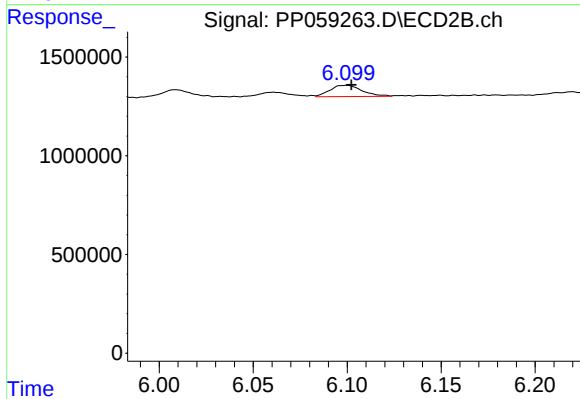
#27 AR-1254-2

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 548729
Conc: 6.22 ng/ml



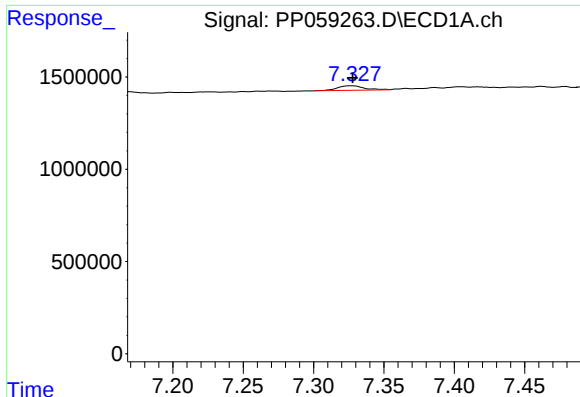
#28 AR-1254-3

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 497439
Conc: 7.21 ng/ml



#28 AR-1254-3

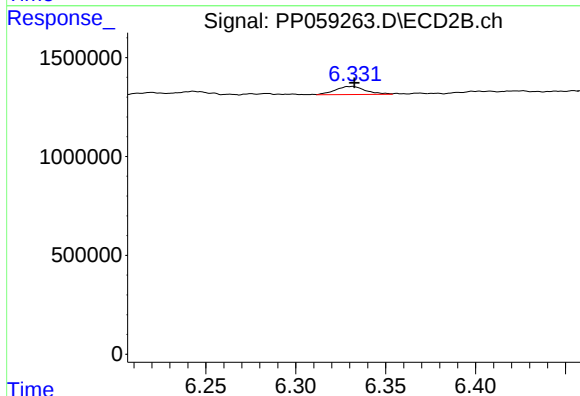
R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 678827
Conc: 4.91 ng/ml



#29 AR-1254-4

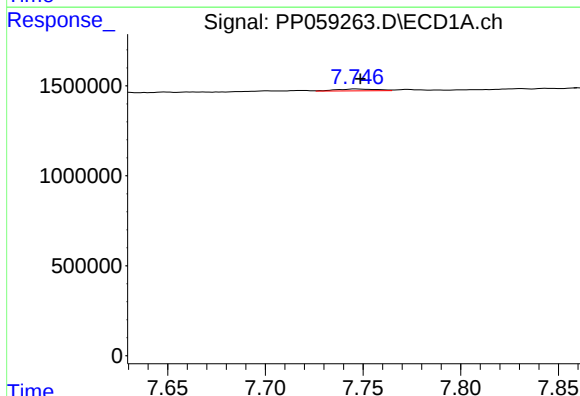
R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 332779
Conc: 7.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



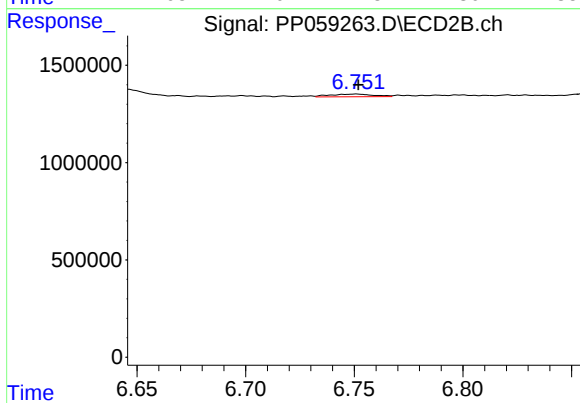
#29 AR-1254-4

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 476704
Conc: 5.93 ng/ml



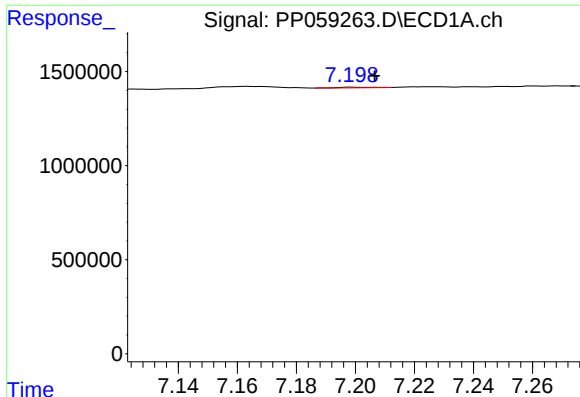
#30 AR-1254-5

R.T.: 7.746 min
Delta R.T.: -0.002 min
Response: 152104
Conc: 3.24 ng/ml



#30 AR-1254-5

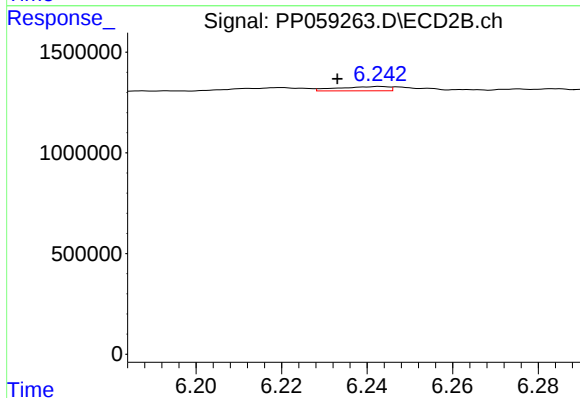
R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 192628
Conc: 1.61 ng/ml



#31 AR-1260-1

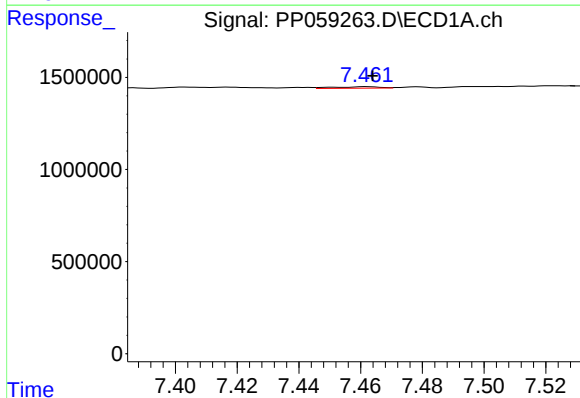
R.T.: 7.199 min
Delta R.T.: -0.008 min
Response: 32602
Conc: 0.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



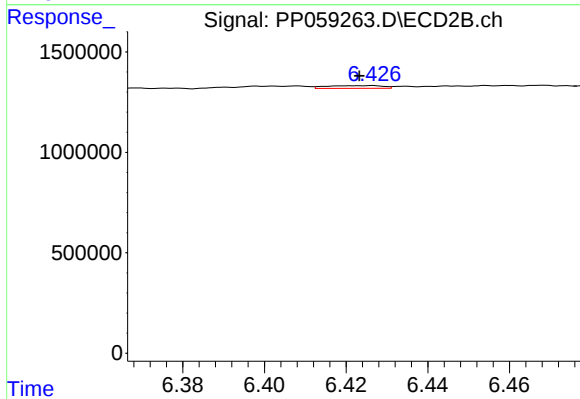
#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: 0.010 min
Response: 176381
Conc: 1.78 ng/ml



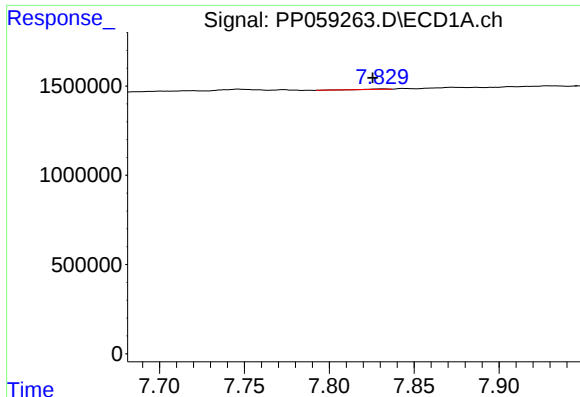
#32 AR-1260-2

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 85908
Conc: 1.44 ng/ml



#32 AR-1260-2

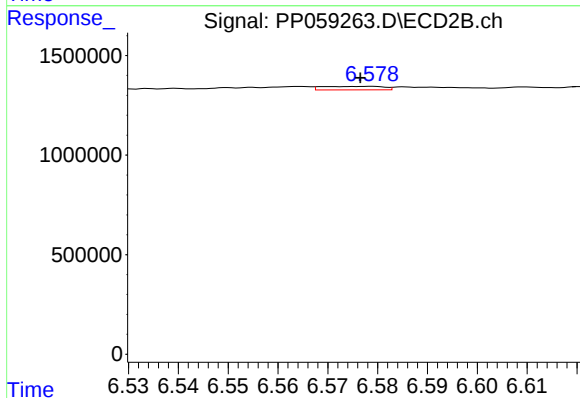
R.T.: 6.427 min
Delta R.T.: 0.003 min
Response: 128151
Conc: 1.11 ng/ml



#33 AR-1260-3

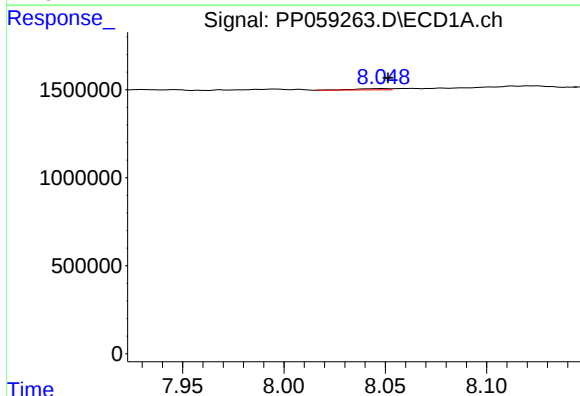
R.T.: 7.831 min
Delta R.T.: 0.006 min
Response: 26213
Conc: 0.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



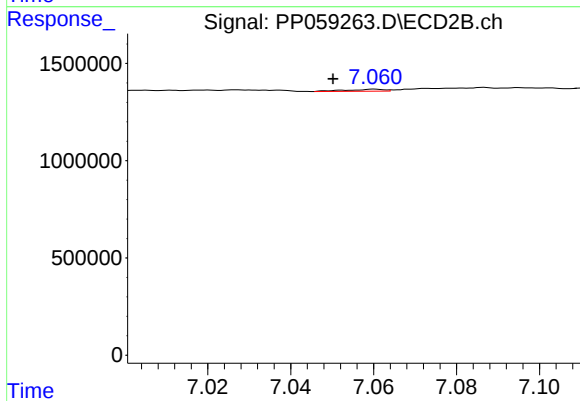
#33 AR-1260-3

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 148266
Conc: 1.33 ng/ml



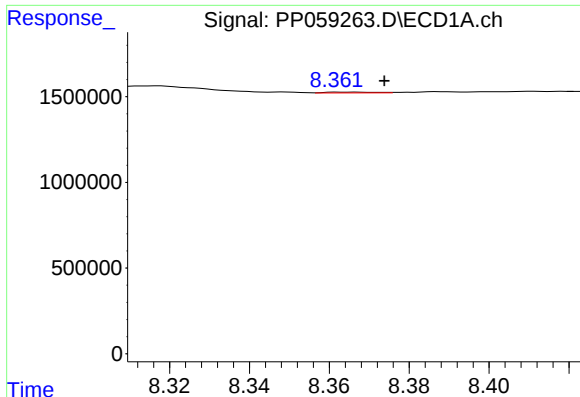
#34 AR-1260-4

R.T.: 8.048 min
Delta R.T.: -0.003 min
Response: 78593
Conc: 1.77 ng/ml



#34 AR-1260-4

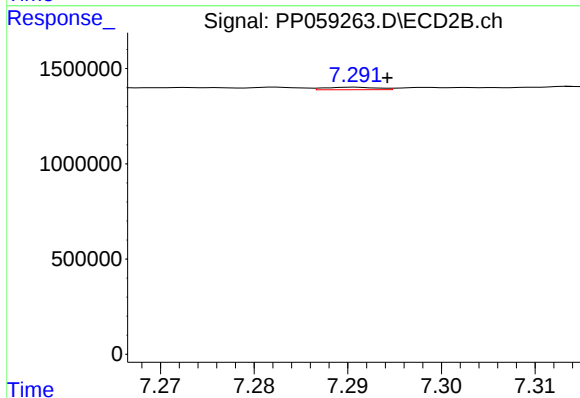
R.T.: 7.060 min
Delta R.T.: 0.010 min
Response: 64264
Conc: 0.74 ng/ml



#35 AR-1260-5

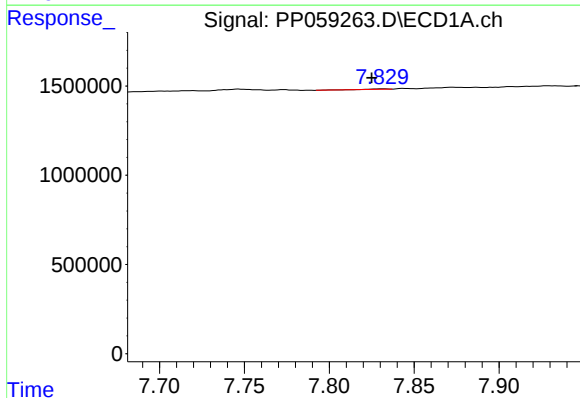
R.T.: 8.366 min
Delta R.T.: -0.008 min
Response: 39193
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



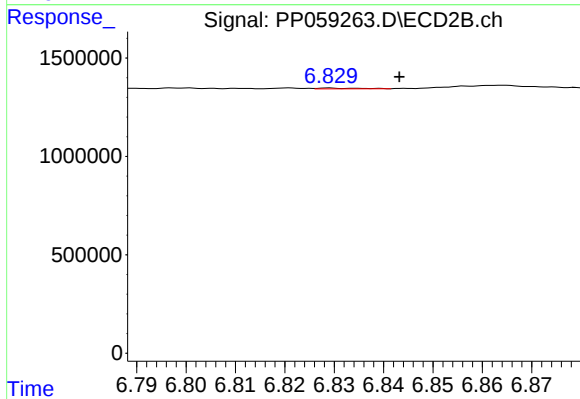
#35 AR-1260-5

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 51189
Conc: 0.28 ng/ml



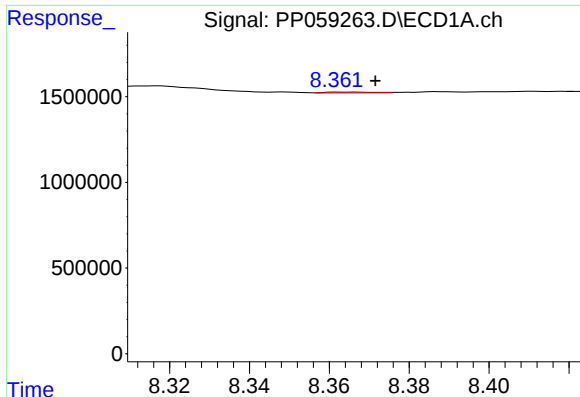
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: 0.006 min
Response: 26213
Conc: 0.41 ng/ml



#36 AR-1262-1

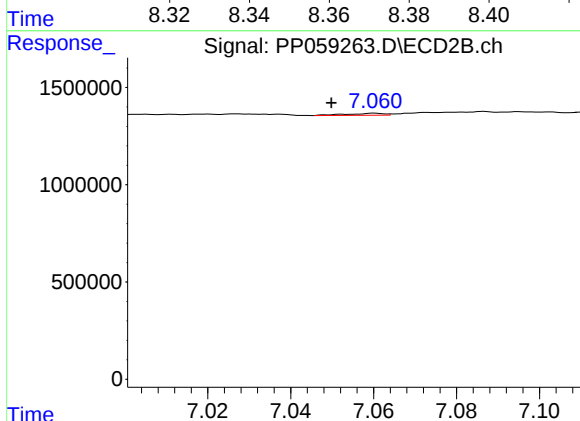
R.T.: 6.829 min
Delta R.T.: -0.014 min
Response: 22771
Conc: 0.40 ng/ml



#37 AR-1262-2

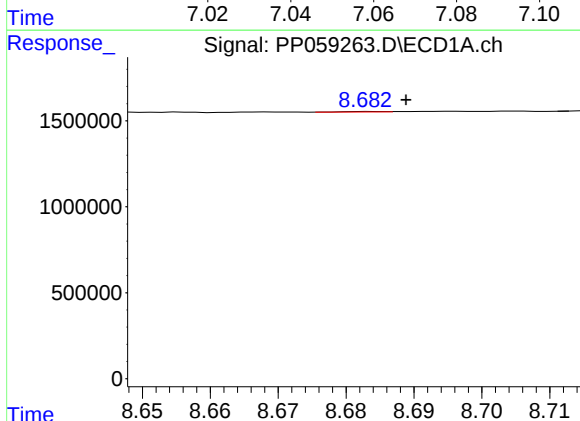
R.T.: 8.366 min
Delta R.T.: -0.006 min
Response: 39193
Conc: 0.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



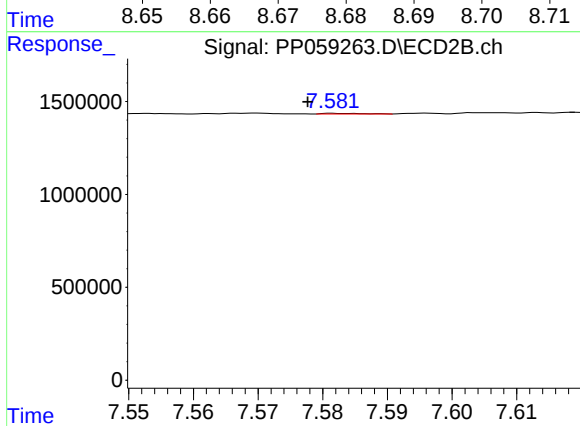
#37 AR-1262-2

R.T.: 7.060 min
Delta R.T.: 0.010 min
Response: 64264
Conc: 0.54 ng/ml



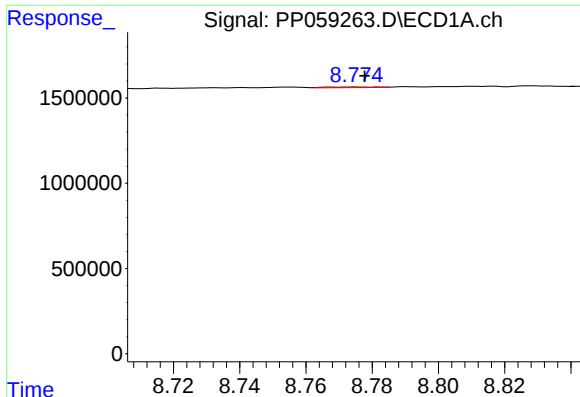
#38 AR-1262-3

R.T.: 8.683 min
Delta R.T.: -0.006 min
Response: 11876
Conc: 0.18 ng/ml



#38 AR-1262-3

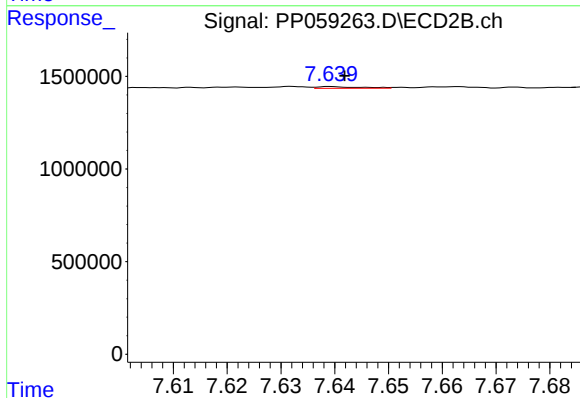
R.T.: 7.582 min
Delta R.T.: 0.004 min
Response: 14506
Conc: 0.17 ng/ml



#39 AR-1262-4

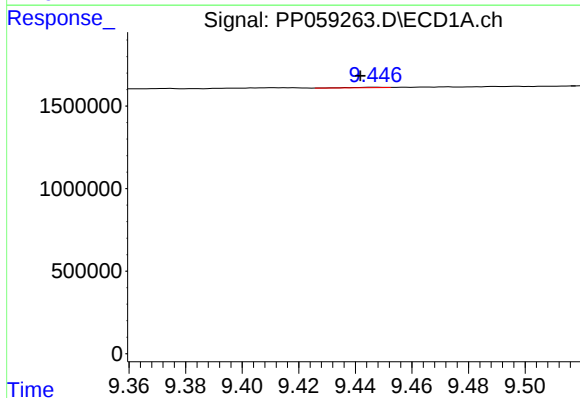
R.T.: 8.775 min
Delta R.T.: -0.002 min
Response: 36807
Conc: 1.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



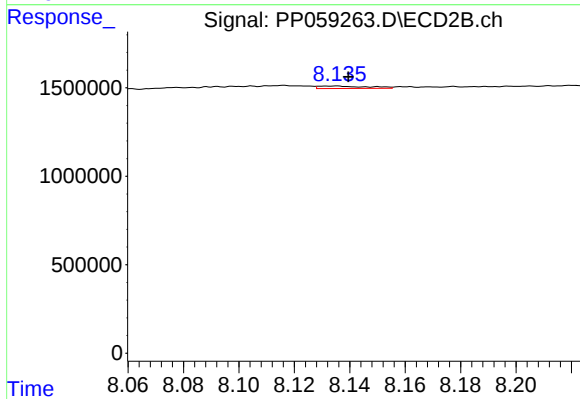
#39 AR-1262-4

R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 52436
Conc: 0.35 ng/ml



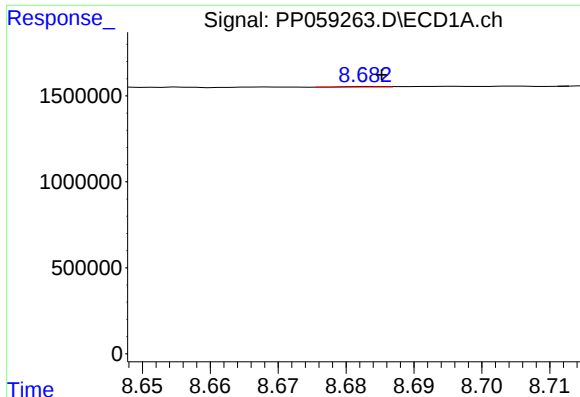
#40 AR-1262-5

R.T.: 9.447 min
Delta R.T.: 0.005 min
Response: 22015
Conc: 0.74 ng/ml



#40 AR-1262-5

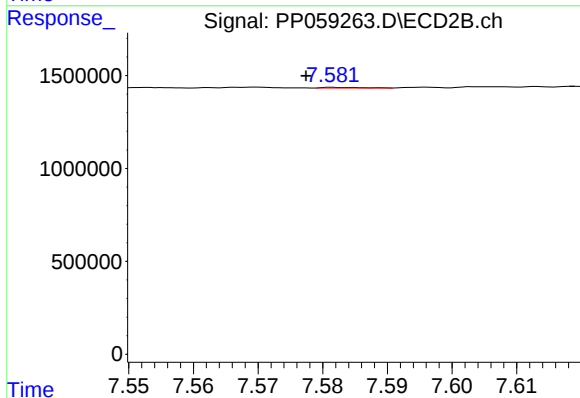
R.T.: 8.136 min
Delta R.T.: -0.004 min
Response: 175221
Conc: 2.75 ng/ml



#41 AR-1268-1

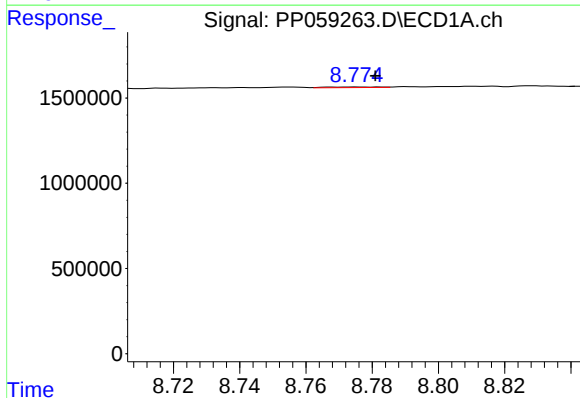
R.T.: 8.683 min
Delta R.T.: -0.002 min
Response: 11876
Conc: 0.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



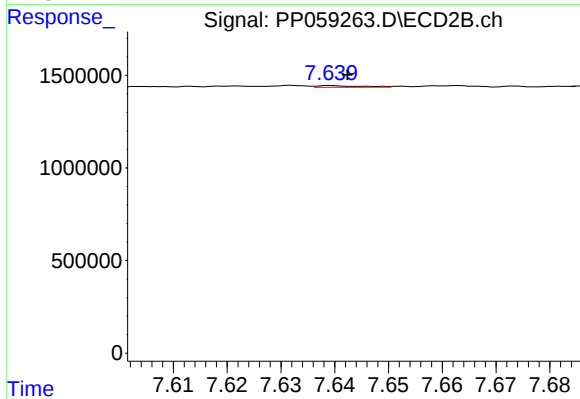
#41 AR-1268-1

R.T.: 7.582 min
Delta R.T.: 0.004 min
Response: 14506
Conc: 0.06 ng/ml



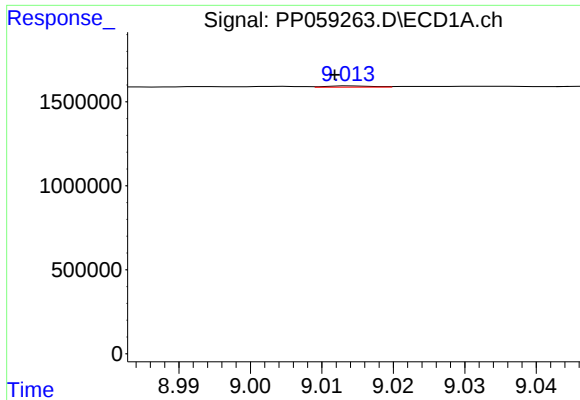
#42 AR-1268-2

R.T.: 8.775 min
Delta R.T.: -0.006 min
Response: 36807
Conc: 0.37 ng/ml



#42 AR-1268-2

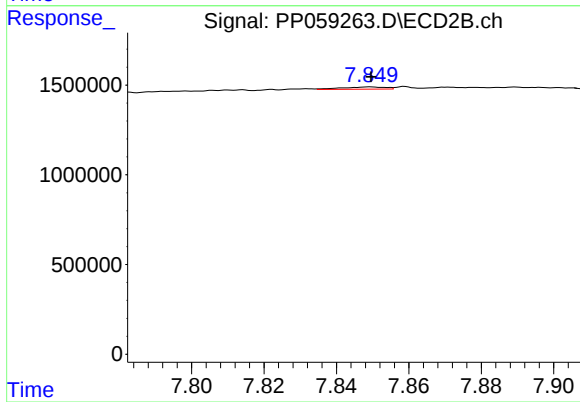
R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 52436
Conc: 0.24 ng/ml



#43 AR-1268-3

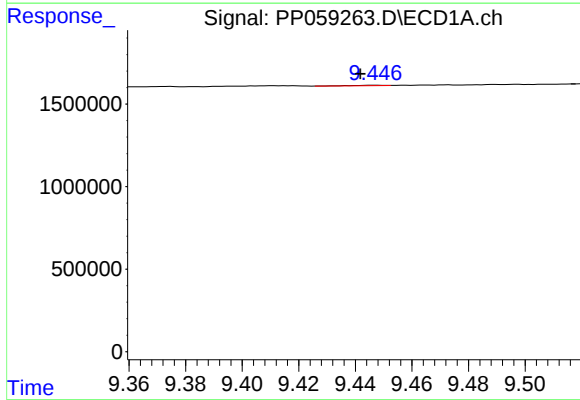
R.T.: 9.014 min
Delta R.T.: 0.002 min
Response: 30222
Conc: 0.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



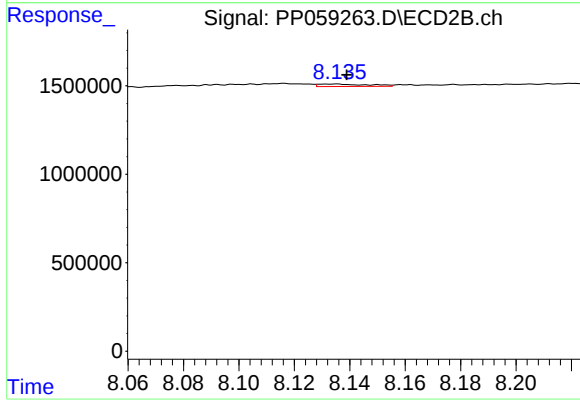
#43 AR-1268-3

R.T.: 7.849 min
Delta R.T.: 0.000 min
Response: 101106
Conc: 0.52 ng/ml



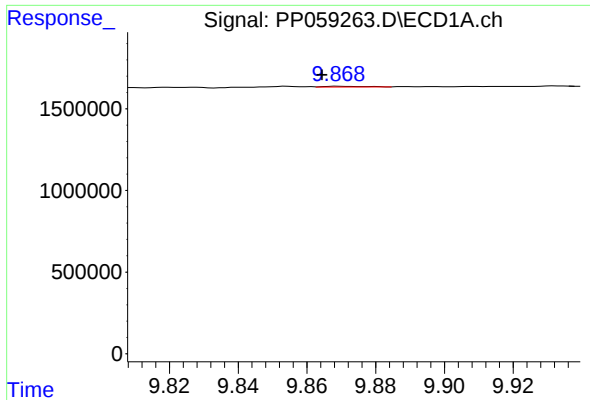
#44 AR-1268-4

R.T.: 9.447 min
Delta R.T.: 0.005 min
Response: 22015
Conc: 0.69 ng/ml



#44 AR-1268-4

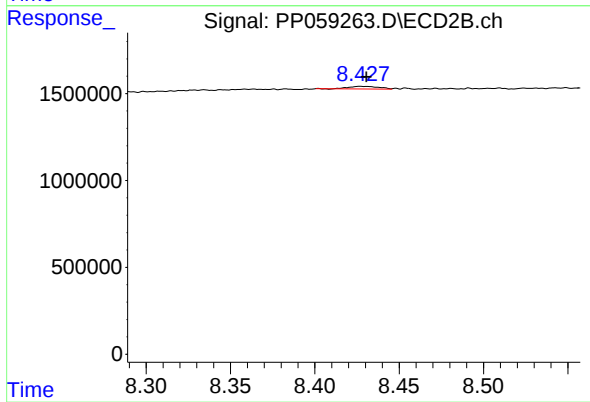
R.T.: 8.136 min
Delta R.T.: -0.003 min
Response: 175221
Conc: 2.52 ng/ml



#45 AR-1268-5

R.T.: 9.869 min
Delta R.T.: 0.005 min
Response: 40112
Conc: 0.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.003 min
Response: 179695
Conc: 0.35 ng/ml