

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080823\
 Data File : PP059244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 06:46
 Operator : YP\AJ
 Sample : 03572-01
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 07:38:09 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...	4.414	3.647	24211525	41346081	19.732	20.406
2)	SA Decachlor...	10.206	8.682	21618649	37897596	28.325	26.939
Target Compounds							
3)	L1 AR-1016-1	5.594	4.744	50469	196677	1.285	3.066 #
4)	L1 AR-1016-2	5.620	4.757	109075	307196	1.924	3.382 #
5)	L1 AR-1016-3	5.668	4.939	161745	132097	4.509	2.749 #
6)	L1 AR-1016-4	5.777	4.978	80338	201666	2.773	4.884 #
7)	L1 AR-1016-5	6.077	5.197	167808	96936	5.545	1.863 #
8)	L2 AR-1221-1	4.623	3.868	67262	54354	4.269	2.002 #
9)	L2 AR-1221-2	4.723	3.948	663495	806117	56.186	40.488 #
10)	L2 AR-1221-3	4.787	4.026	467608	138694	13.279	2.330 #
11)	L3 AR-1232-1	4.787	4.026	467608	138694	15.907	2.923 #
12)	L3 AR-1232-2	5.322	4.757	37917	307196	2.433	7.242 #
13)	L3 AR-1232-3	5.620	4.939	109075	132097	4.131	5.954 #
14)	L3 AR-1232-4	5.777	5.020	80338	571305	6.070	27.058 #
15)	L3 AR-1232-5	5.863	5.197	85766	96936	7.514	4.229 #
16)	L4 AR-1242-1	5.594	4.744	50469	196677	1.474	3.514 #
17)	L4 AR-1242-2	5.620	4.757	109075	307196	2.223	3.853 #
18)	L4 AR-1242-3	5.668	4.939	161745	132097	5.148	3.099 #
19)	L4 AR-1242-4	5.777	5.020	80338	571305	3.133	13.084 #
20)	L4 AR-1242-5	6.517	5.545	197695	422530	7.652	8.506
21)	L5 AR-1248-1	5.594	4.744	50469	196677	1.988	4.781 #
22)	L5 AR-1248-2	5.863	4.978	85766	201666	2.216	3.349 #
23)	L5 AR-1248-3	6.077	5.020	167808	571305	3.972	9.273 #
24)	L5 AR-1248-4	6.473	5.197	180976	96936	4.347	1.346 #
25)	L5 AR-1248-5	6.517	5.605f	197695	122822	4.846	1.861 #
26)	L6 AR-1254-1	6.451	5.545	352474	422530	7.545	4.170 #
27)	L6 AR-1254-2	6.678	5.696	205231	95338	2.983	1.080 #
28)	L6 AR-1254-3	7.040	6.098	359988	323002	5.216	2.336 #
29)	L6 AR-1254-4	7.327	6.329	76104	188791	1.691	2.349 #
30)	L6 AR-1254-5	7.747	6.755	185748	36131	3.953	0.302 #
31)	L7 AR-1260-1	7.203	6.236	179847	84104	3.287	0.849 #
32)	L7 AR-1260-2	7.471	6.426	105947	86232	1.779	0.745 #
33)	L7 AR-1260-3	7.823	6.580	1217962	174637	30.948	1.570 #
34)	L7 AR-1260-4	8.069	7.043	1275722	2950160	28.724	34.029
35)	L7 AR-1260-5	8.369	7.289	381124	1493497	4.766	8.103 #
36)	L8 AR-1262-1	7.823	6.837	1217962	47282	19.123	0.822 #
37)	L8 AR-1262-2	8.369	7.043	381124	2950160	4.150	25.002 #
38)	L8 AR-1262-3	8.682	7.574	4751492	10219011	73.835	120.083 #
39)	L8 AR-1262-4	8.777	7.638	4234757	9054092	127.527	59.937 #
40)	L8 AR-1262-5	9.439	8.135	1262296	3136948	42.300	49.187
41)	L9 AR-1268-1	8.682	7.574	4751492	10219011	41.838	41.907

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 ALS Vial : 41 Sample Multiplier: 1

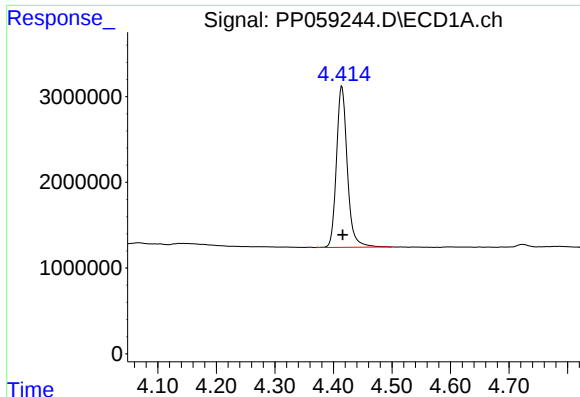
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 07:38:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
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 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	8.777	7.638	4234757	9054092	43.029	41.339
43) L9	AR-1268-3	9.009	7.846	3774793	8103244	40.718	41.442
44) L9	AR-1268-4	9.439	8.135	1262296	3136948	39.569	45.077
45) L9	AR-1268-5	9.860	8.427	10995499	20503154	40.505	39.550

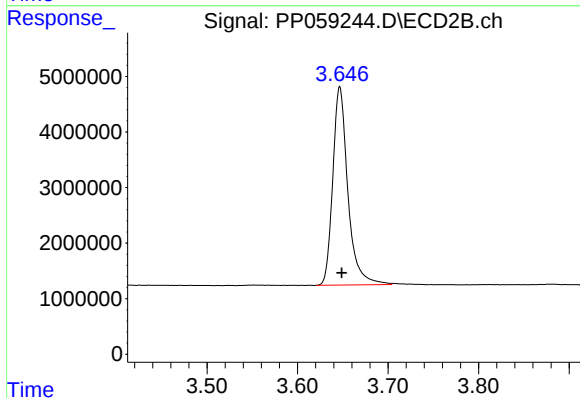
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

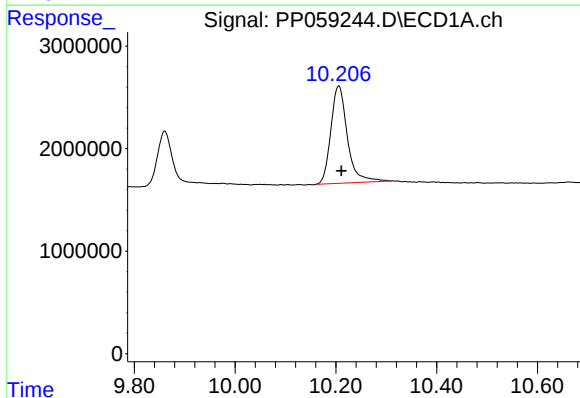
R.T.: 4.414 min
Delta R.T.: -0.002 min
Response: 24211525
Conc: 19.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



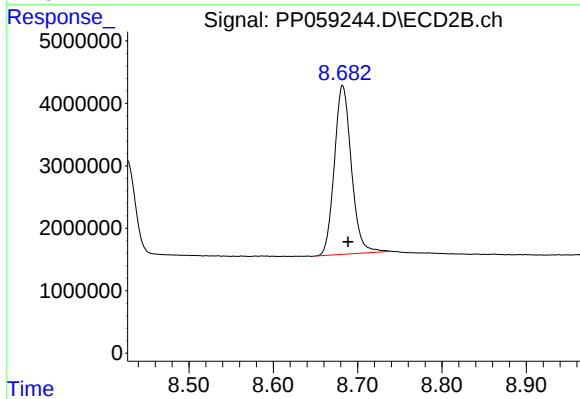
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 41346081
Conc: 20.41 ng/ml



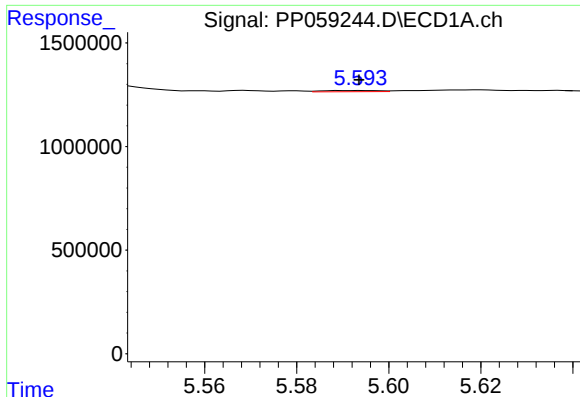
#2 Decachlorobiphenyl

R.T.: 10.206 min
Delta R.T.: -0.005 min
Response: 21618649
Conc: 28.33 ng/ml



#2 Decachlorobiphenyl

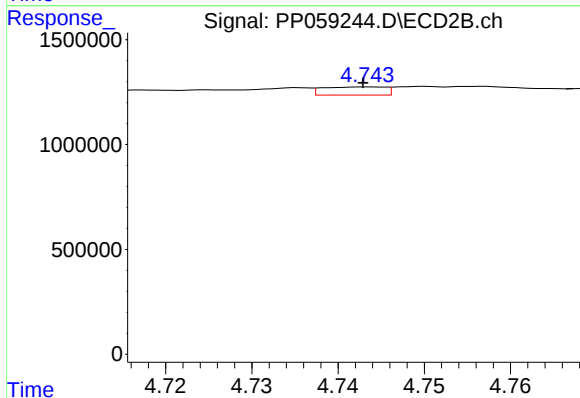
R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 37897596
Conc: 26.94 ng/ml



#3 AR-1016-1

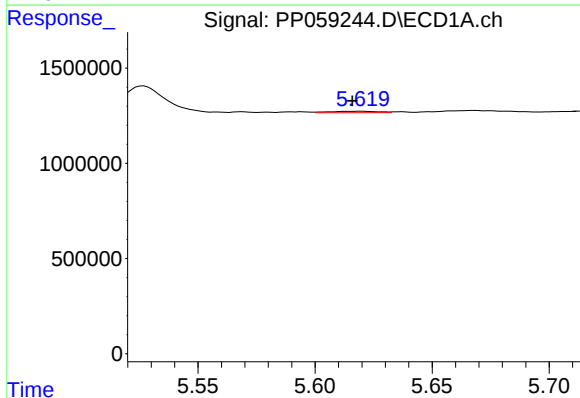
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 50469
Conc: 1.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



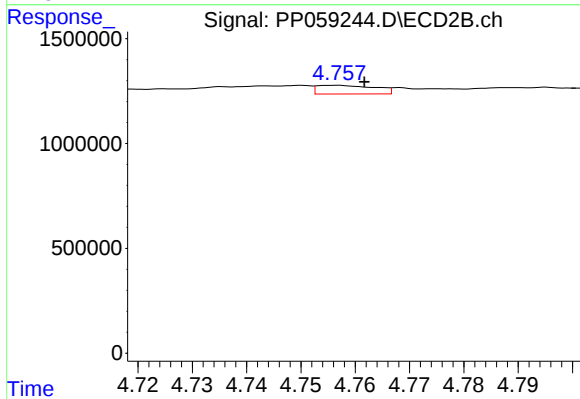
#3 AR-1016-1

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 196677
Conc: 3.07 ng/ml



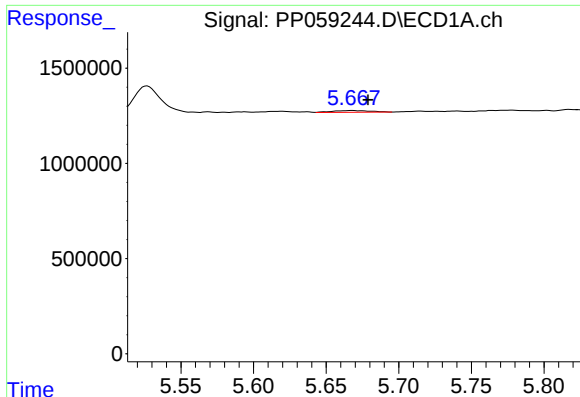
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.004 min
Response: 109075
Conc: 1.92 ng/ml



#4 AR-1016-2

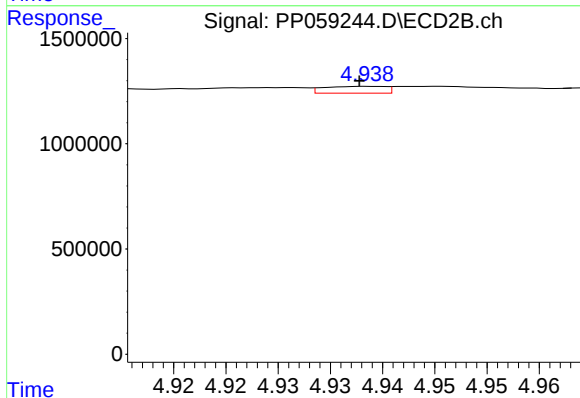
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 307196
Conc: 3.38 ng/ml



#5 AR-1016-3

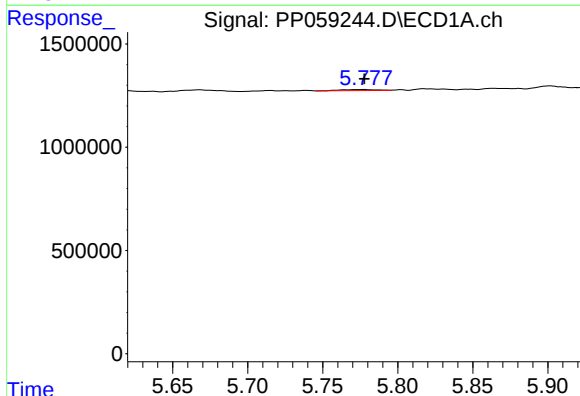
R.T.: 5.668 min
Delta R.T.: -0.011 min
Response: 161745
Conc: 4.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



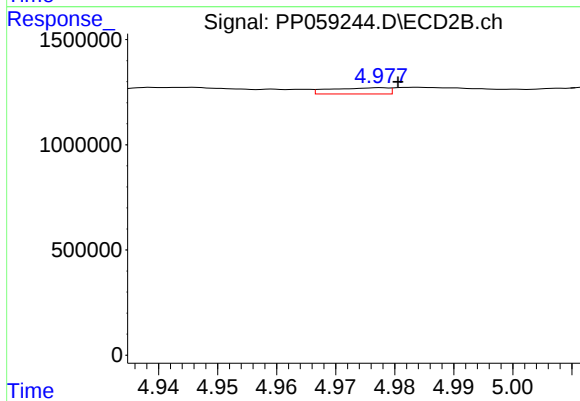
#5 AR-1016-3

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 132097
Conc: 2.75 ng/ml



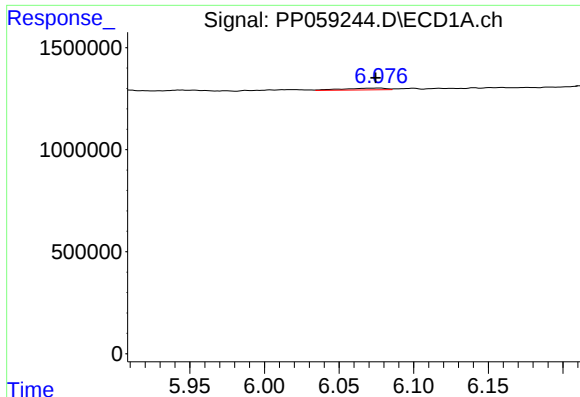
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 80338
Conc: 2.77 ng/ml



#6 AR-1016-4

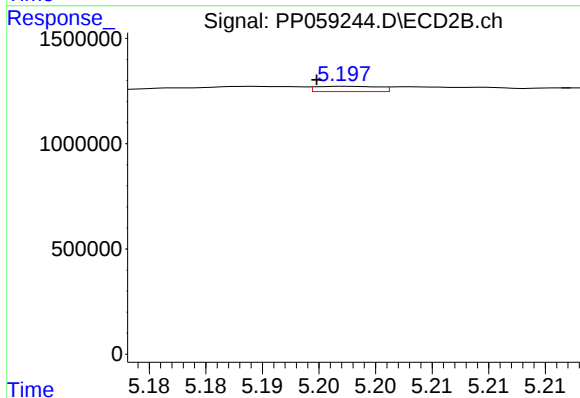
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 201666
Conc: 4.88 ng/ml



#7 AR-1016-5

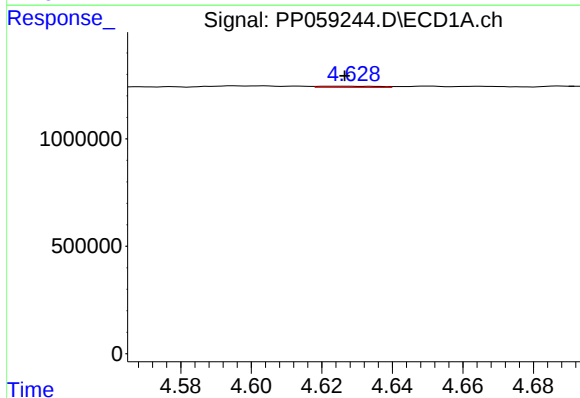
R.T.: 6.077 min
Delta R.T.: 0.002 min
Response: 167808
Conc: 5.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



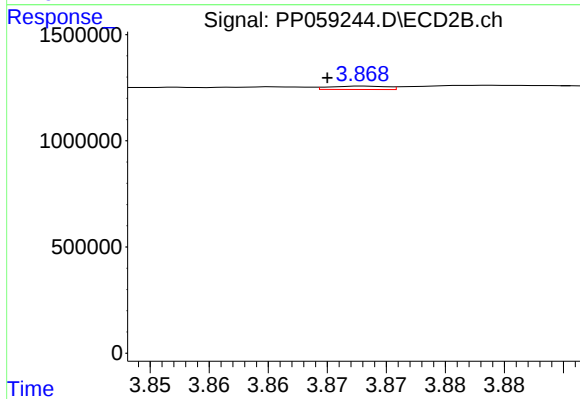
#7 AR-1016-5

R.T.: 5.197 min
Delta R.T.: 0.003 min
Response: 96936
Conc: 1.86 ng/ml



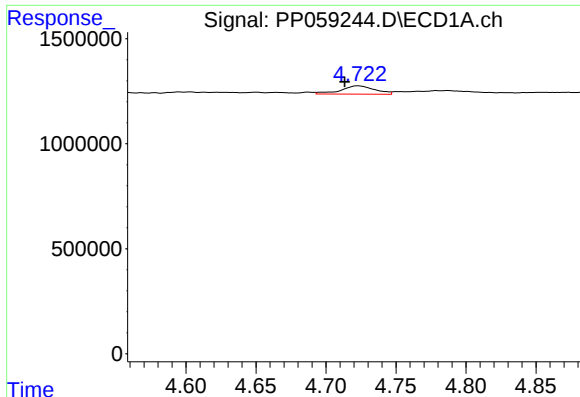
#8 AR-1221-1

R.T.: 4.623 min
Delta R.T.: -0.004 min
Response: 67262
Conc: 4.27 ng/ml



#8 AR-1221-1

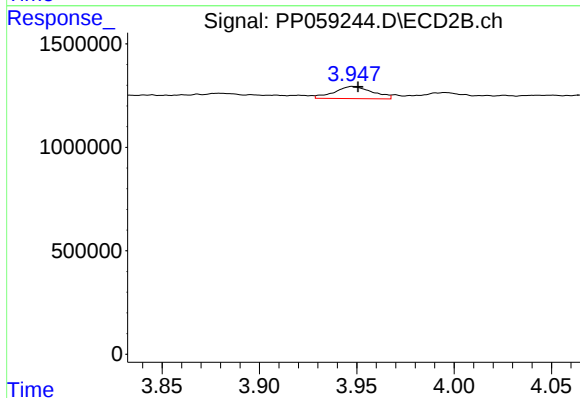
R.T.: 3.868 min
Delta R.T.: 0.003 min
Response: 54354
Conc: 2.00 ng/ml



#9 AR-1221-2

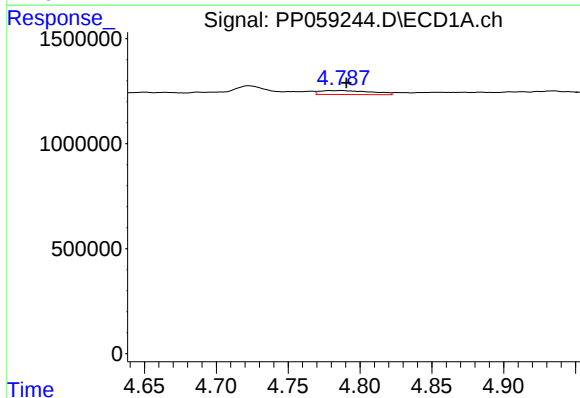
R.T.: 4.723 min
Delta R.T.: 0.010 min
Response: 663495
Conc: 56.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



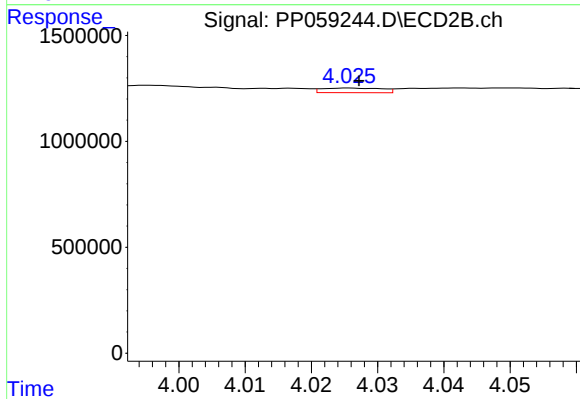
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.003 min
Response: 806117
Conc: 40.49 ng/ml



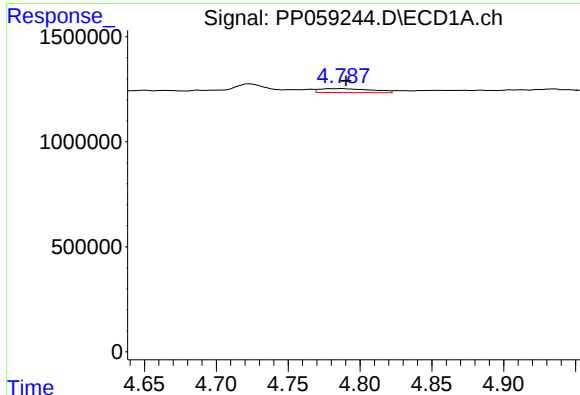
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 467608
Conc: 13.28 ng/ml



#10 AR-1221-3

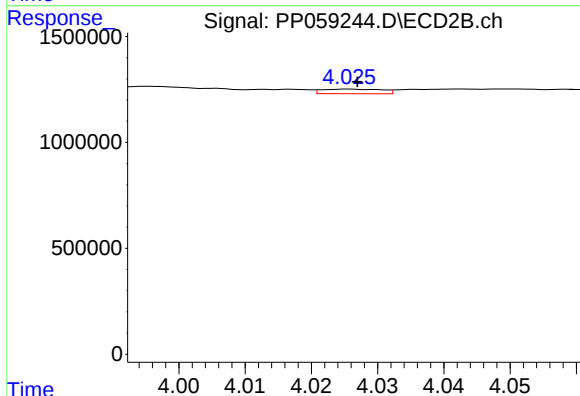
R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 138694
Conc: 2.33 ng/ml



#11 AR-1232-1

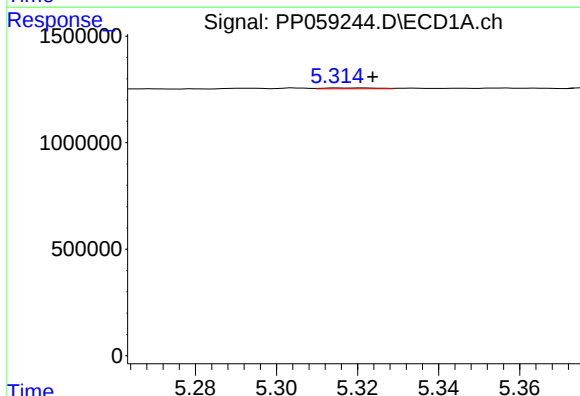
R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 467608
Conc: 15.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



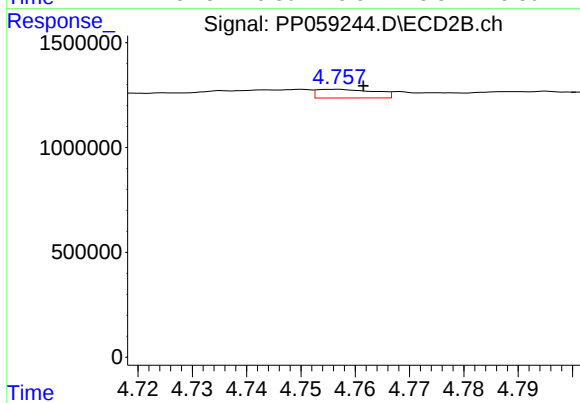
#11 AR-1232-1

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 138694
Conc: 2.92 ng/ml



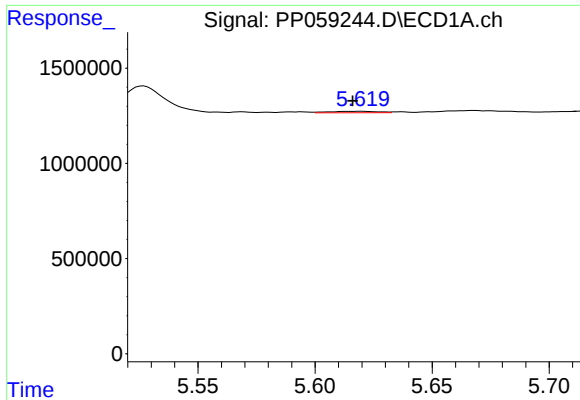
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.002 min
Response: 37917
Conc: 2.43 ng/ml



#12 AR-1232-2

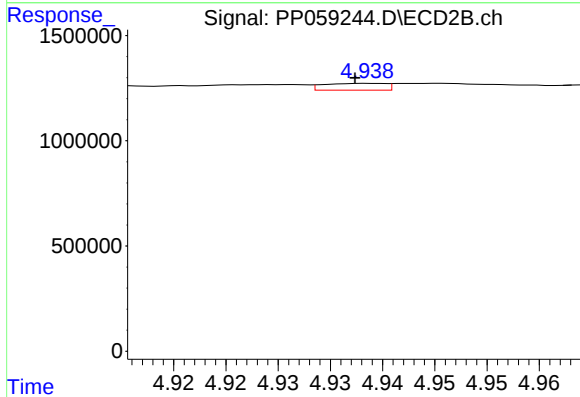
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 307196
Conc: 7.24 ng/ml



#13 AR-1232-3

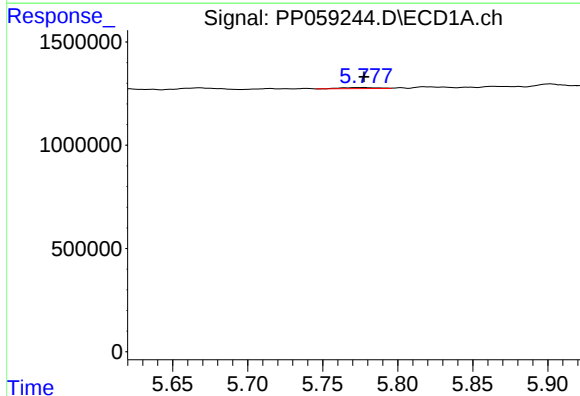
R.T.: 5.620 min
Delta R.T.: 0.004 min
Response: 109075
Conc: 4.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



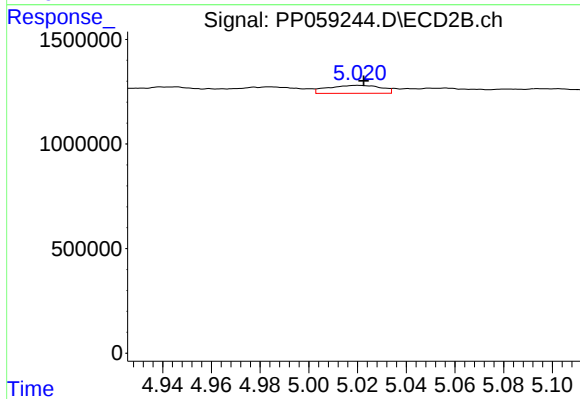
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: 0.001 min
Response: 132097
Conc: 5.95 ng/ml



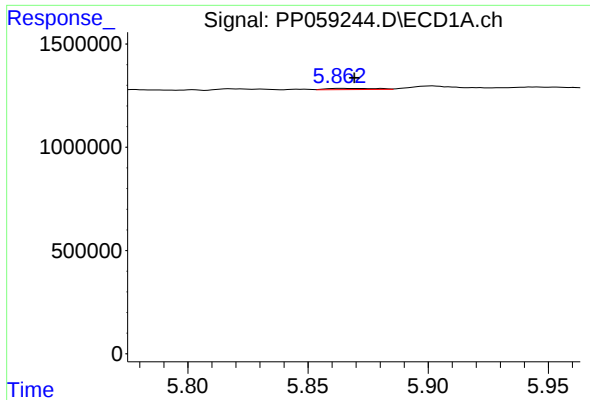
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 80338
Conc: 6.07 ng/ml



#14 AR-1232-4

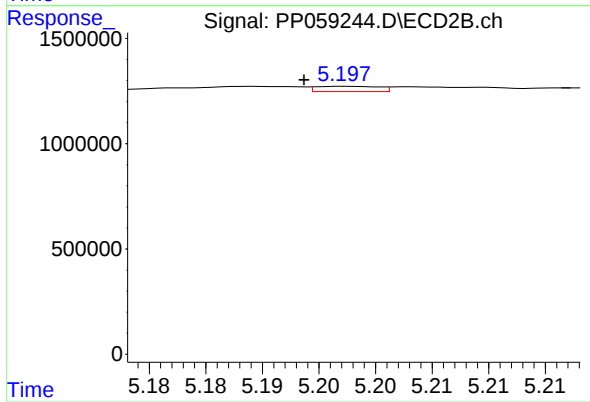
R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 571305
Conc: 27.06 ng/ml



#15 AR-1232-5

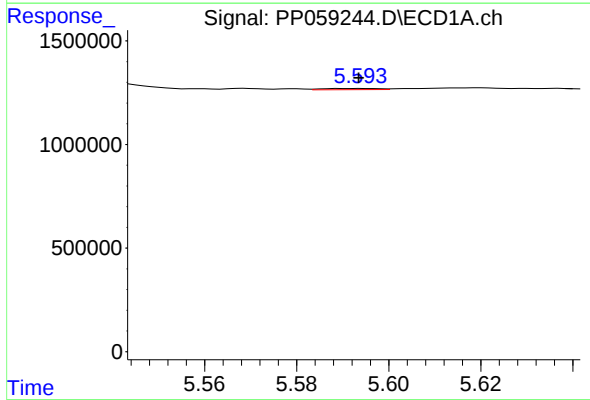
R.T.: 5.863 min
Delta R.T.: -0.006 min
Response: 85766
Conc: 7.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



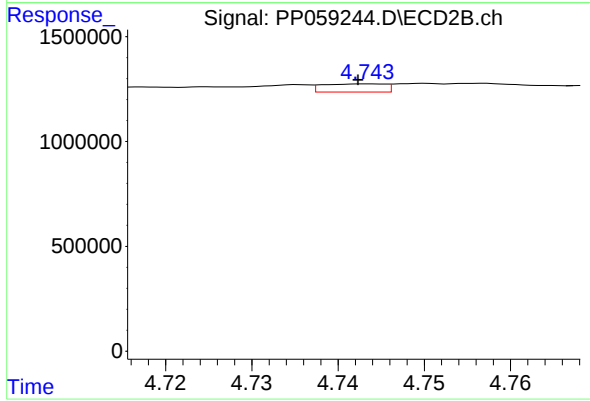
#15 AR-1232-5

R.T.: 5.197 min
Delta R.T.: 0.004 min
Response: 96936
Conc: 4.23 ng/ml



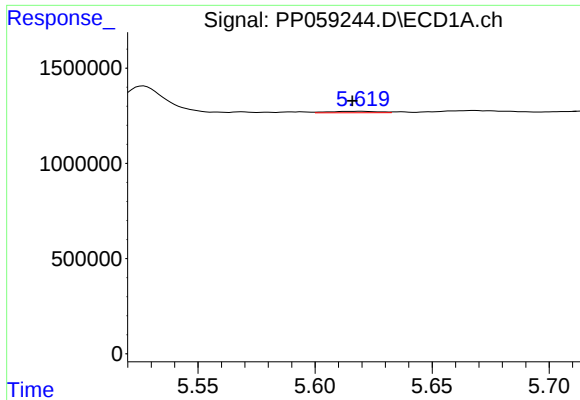
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 50469
Conc: 1.47 ng/ml



#16 AR-1242-1

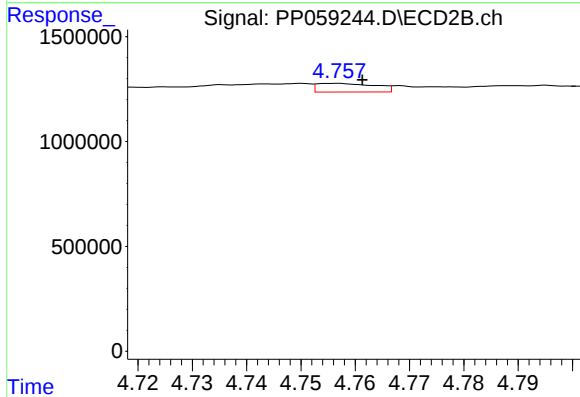
R.T.: 4.744 min
Delta R.T.: 0.001 min
Response: 196677
Conc: 3.51 ng/ml



#17 AR-1242-2

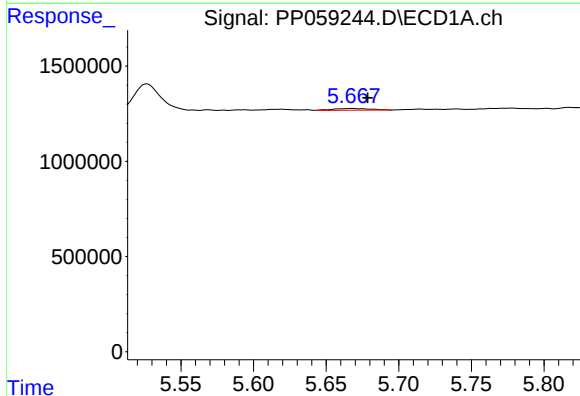
R.T.: 5.620 min
Delta R.T.: 0.004 min
Response: 109075
Conc: 2.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



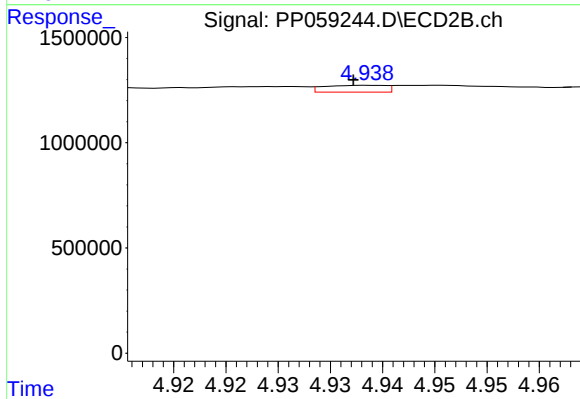
#17 AR-1242-2

R.T.: 4.757 min
Delta R.T.: -0.004 min
Response: 307196
Conc: 3.85 ng/ml



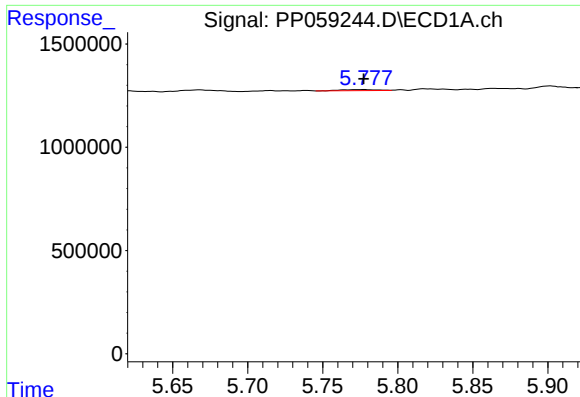
#18 AR-1242-3

R.T.: 5.668 min
Delta R.T.: -0.011 min
Response: 161745
Conc: 5.15 ng/ml



#18 AR-1242-3

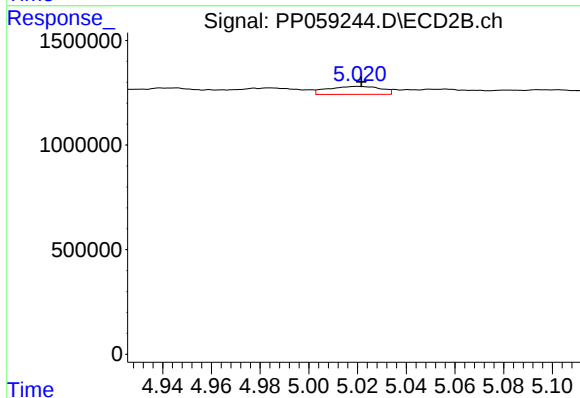
R.T.: 4.939 min
Delta R.T.: 0.002 min
Response: 132097
Conc: 3.10 ng/ml



#19 AR-1242-4

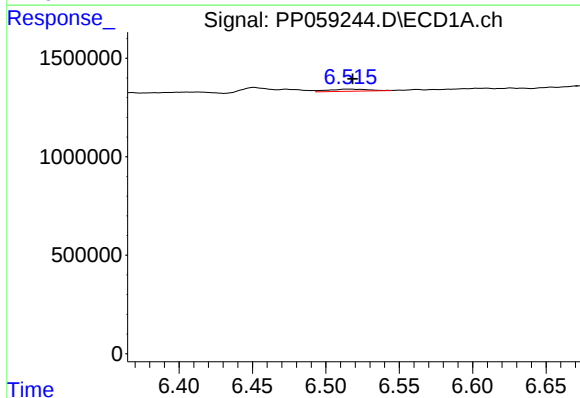
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 80338
Conc: 3.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



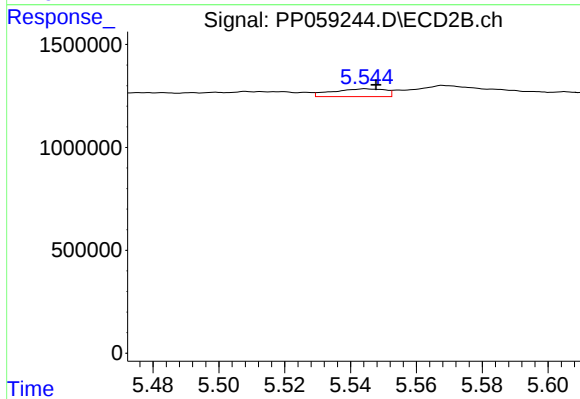
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.001 min
Response: 571305
Conc: 13.08 ng/ml



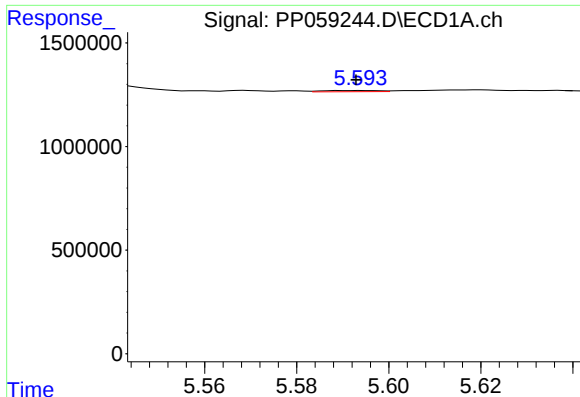
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 197695
Conc: 7.65 ng/ml



#20 AR-1242-5

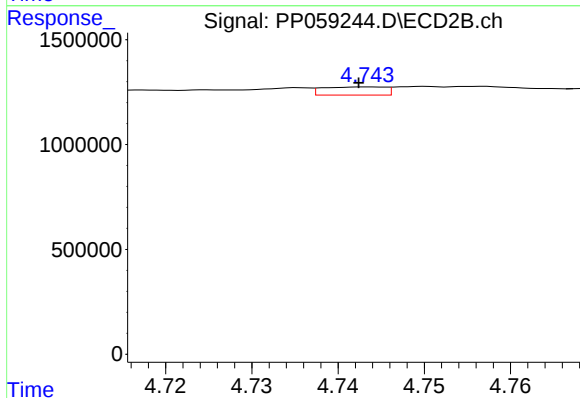
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 422530
Conc: 8.51 ng/ml



#21 AR-1248-1

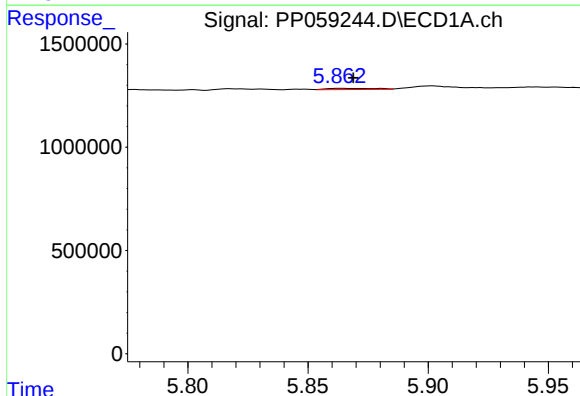
R.T.: 5.594 min
Delta R.T.: 0.001 min
Response: 50469
Conc: 1.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



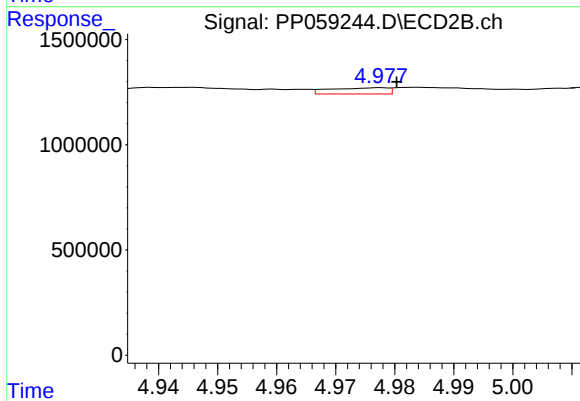
#21 AR-1248-1

R.T.: 4.744 min
Delta R.T.: 0.001 min
Response: 196677
Conc: 4.78 ng/ml



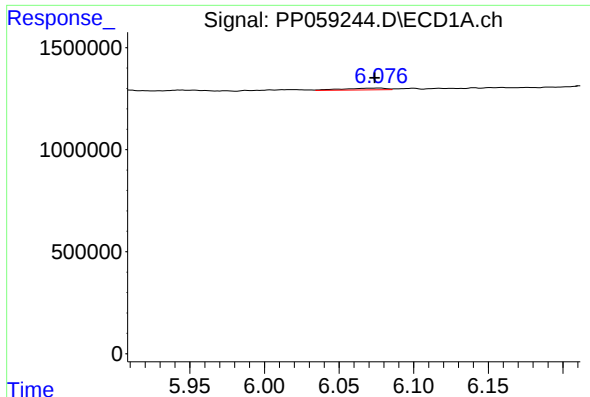
#22 AR-1248-2

R.T.: 5.863 min
Delta R.T.: -0.006 min
Response: 85766
Conc: 2.22 ng/ml



#22 AR-1248-2

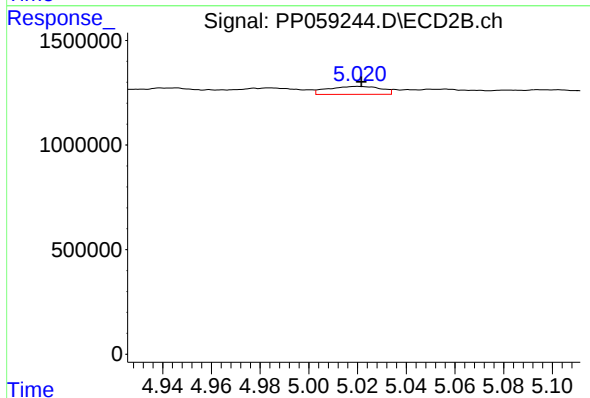
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 201666
Conc: 3.35 ng/ml



#23 AR-1248-3

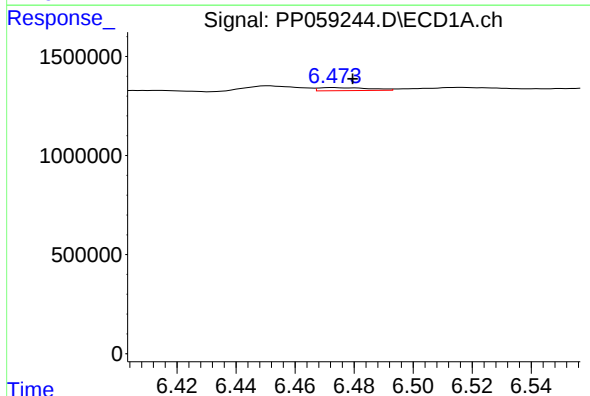
R.T.: 6.077 min
Delta R.T.: 0.003 min
Response: 167808
Conc: 3.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



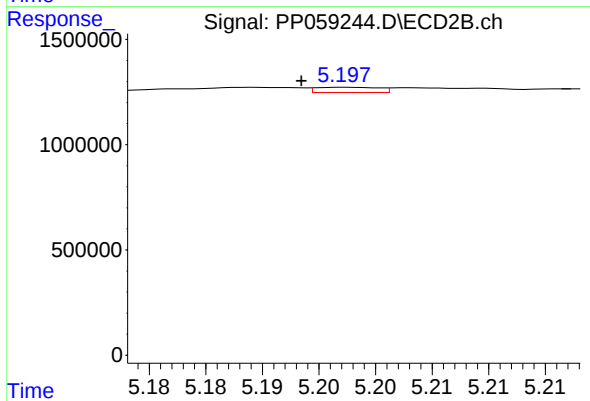
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.001 min
Response: 571305
Conc: 9.27 ng/ml



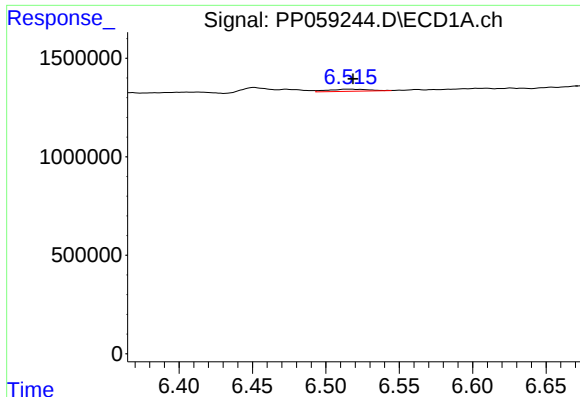
#24 AR-1248-4

R.T.: 6.473 min
Delta R.T.: -0.006 min
Response: 180976
Conc: 4.35 ng/ml



#24 AR-1248-4

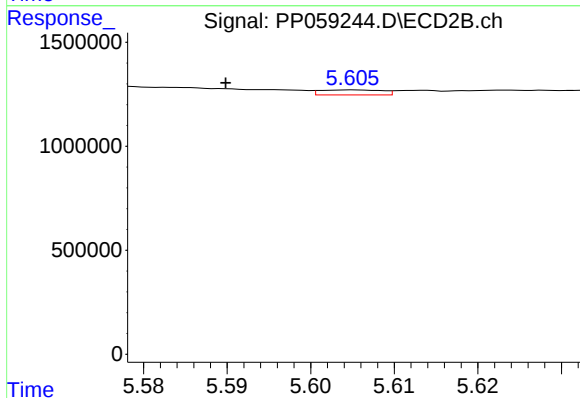
R.T.: 5.197 min
Delta R.T.: 0.004 min
Response: 96936
Conc: 1.35 ng/ml



#25 AR-1248-5

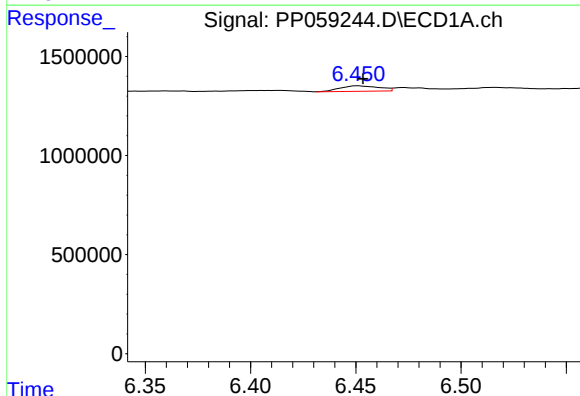
R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 197695
Conc: 4.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



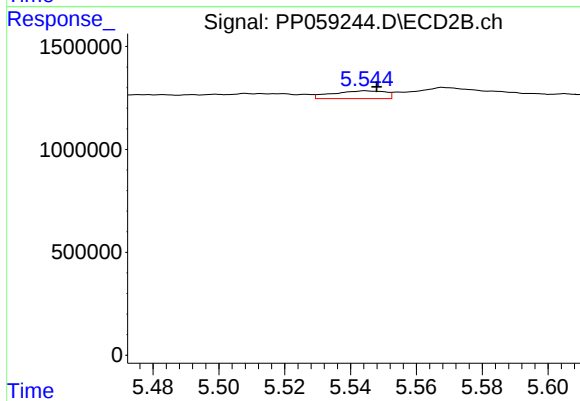
#25 AR-1248-5

R.T.: 5.605 min
Delta R.T.: 0.015 min
Response: 122822
Conc: 1.86 ng/ml



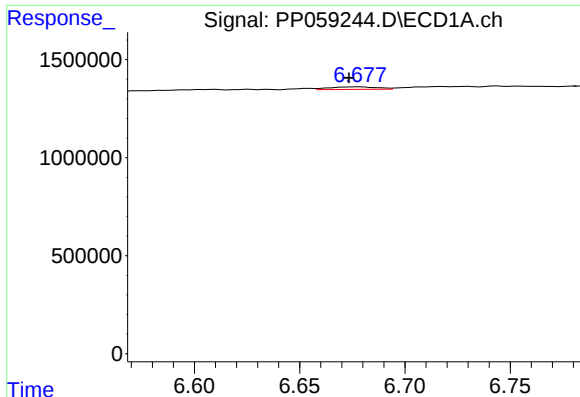
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 352474
Conc: 7.55 ng/ml



#26 AR-1254-1

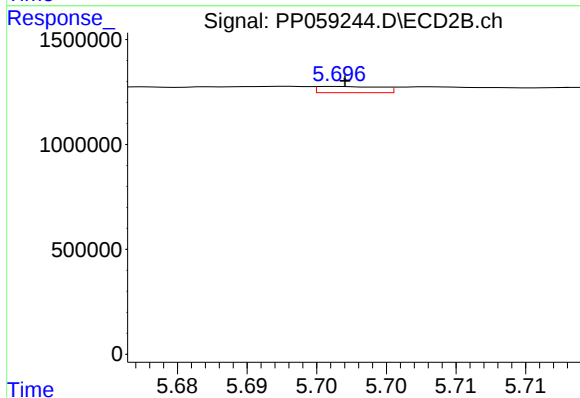
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 422530
Conc: 4.17 ng/ml



#27 AR-1254-2

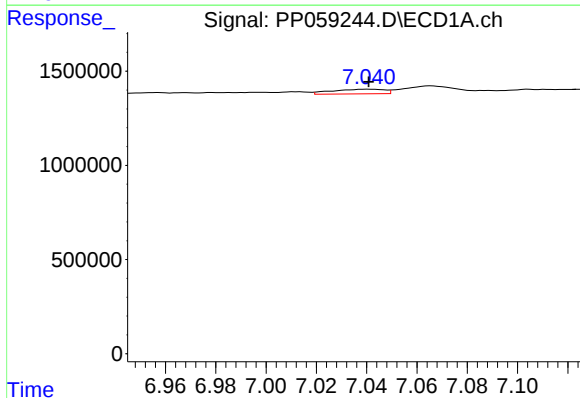
R.T.: 6.678 min
Delta R.T.: 0.004 min
Response: 205231
Conc: 2.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



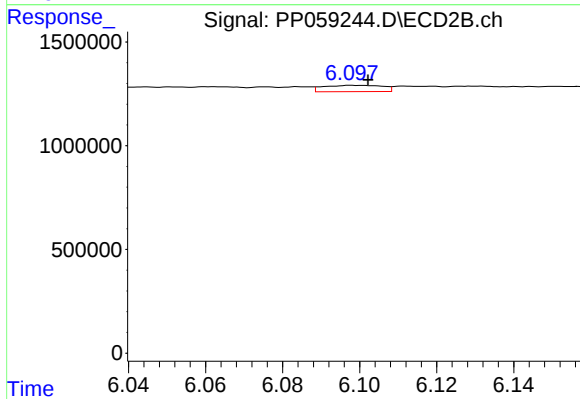
#27 AR-1254-2

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 95338
Conc: 1.08 ng/ml



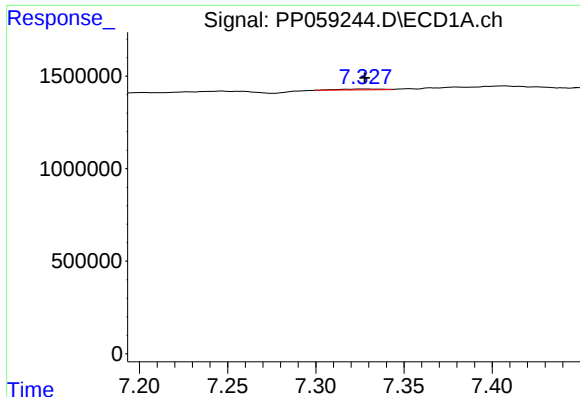
#28 AR-1254-3

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 359988
Conc: 5.22 ng/ml



#28 AR-1254-3

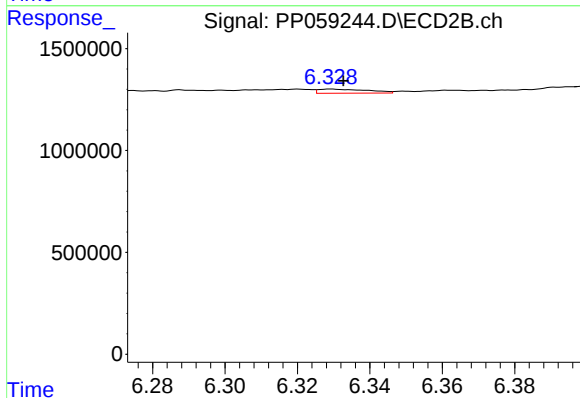
R.T.: 6.098 min
Delta R.T.: -0.005 min
Response: 323002
Conc: 2.34 ng/ml



#29 AR-1254-4

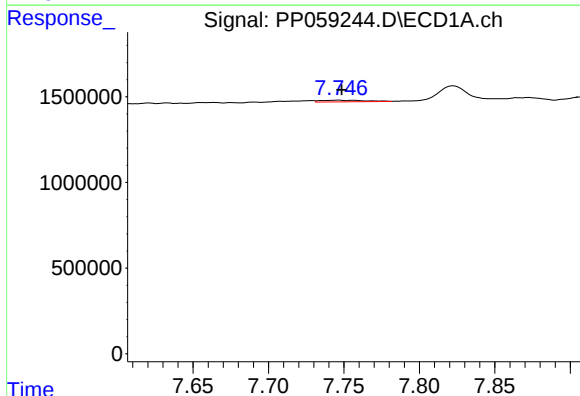
R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 76104
Conc: 1.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



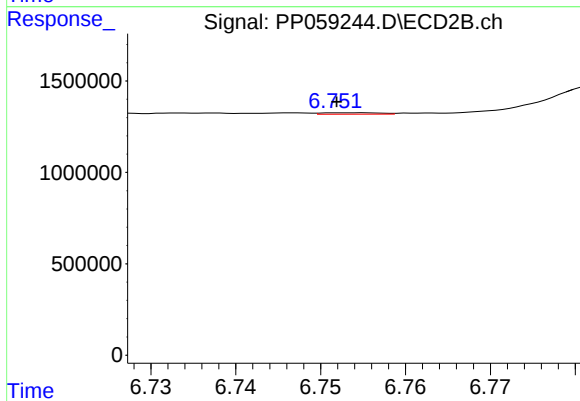
#29 AR-1254-4

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 188791
Conc: 2.35 ng/ml



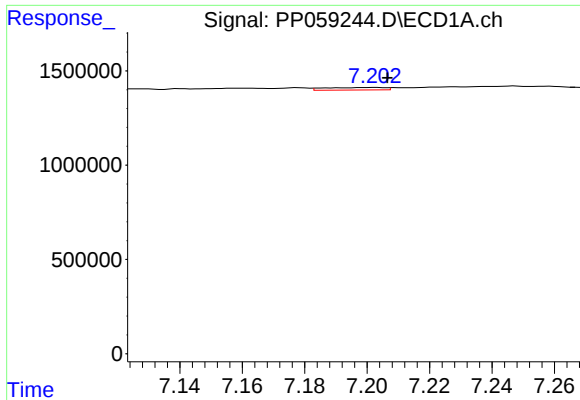
#30 AR-1254-5

R.T.: 7.747 min
Delta R.T.: -0.002 min
Response: 185748
Conc: 3.95 ng/ml



#30 AR-1254-5

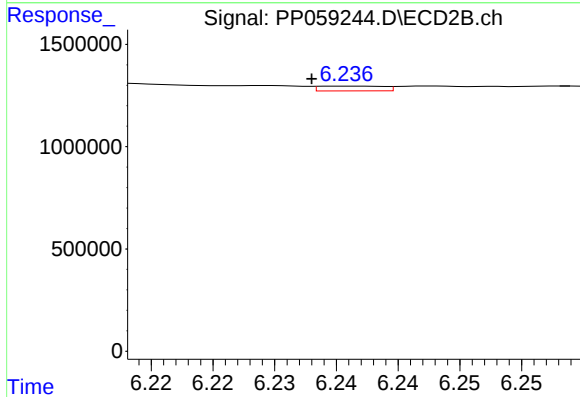
R.T.: 6.755 min
Delta R.T.: 0.003 min
Response: 36131
Conc: 0.30 ng/ml



#31 AR-1260-1

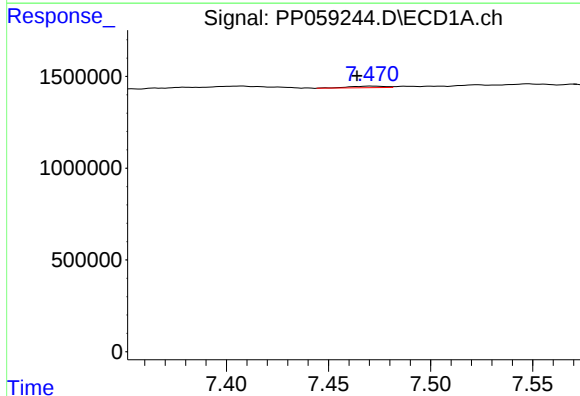
R.T.: 7.203 min
Delta R.T.: -0.004 min
Response: 179847
Conc: 3.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



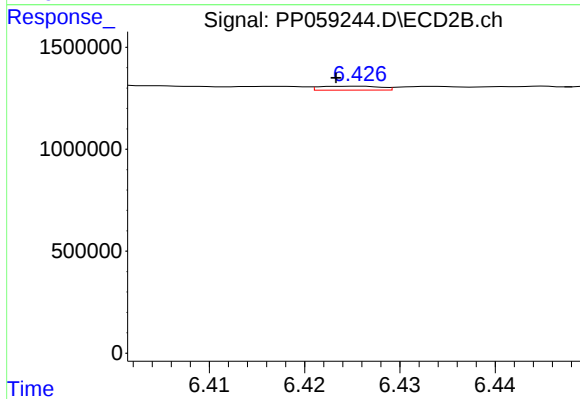
#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: 0.003 min
Response: 84104
Conc: 0.85 ng/ml



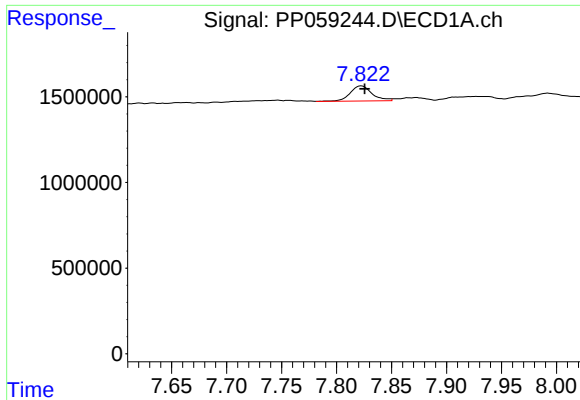
#32 AR-1260-2

R.T.: 7.471 min
Delta R.T.: 0.007 min
Response: 105947
Conc: 1.78 ng/ml



#32 AR-1260-2

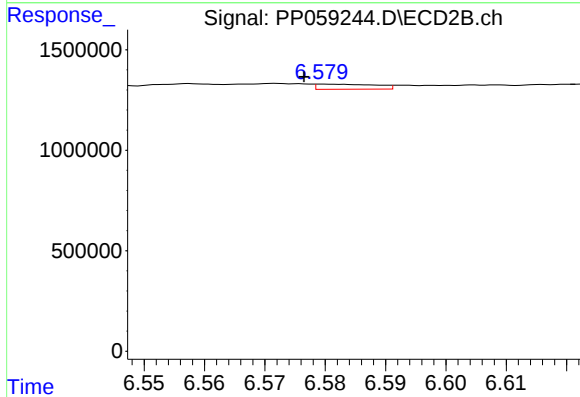
R.T.: 6.426 min
Delta R.T.: 0.003 min
Response: 86232
Conc: 0.75 ng/ml



#33 AR-1260-3

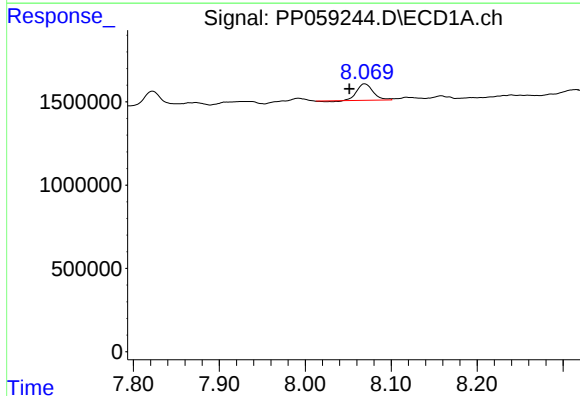
R.T.: 7.823 min
Delta R.T.: -0.003 min
Response: 1217962
Conc: 30.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



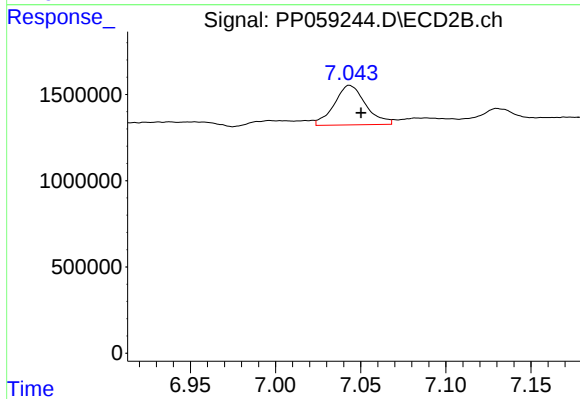
#33 AR-1260-3

R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 174637
Conc: 1.57 ng/ml



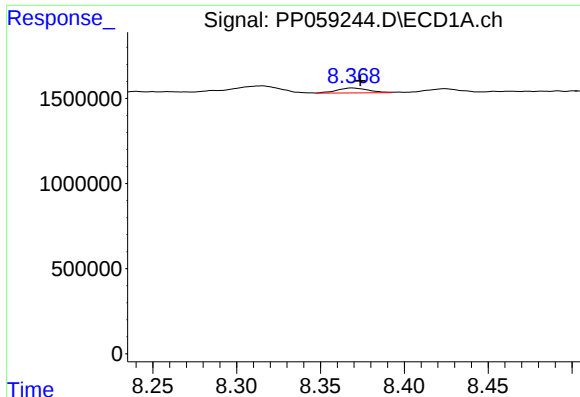
#34 AR-1260-4

R.T.: 8.069 min
Delta R.T.: 0.018 min
Response: 1275722
Conc: 28.72 ng/ml



#34 AR-1260-4

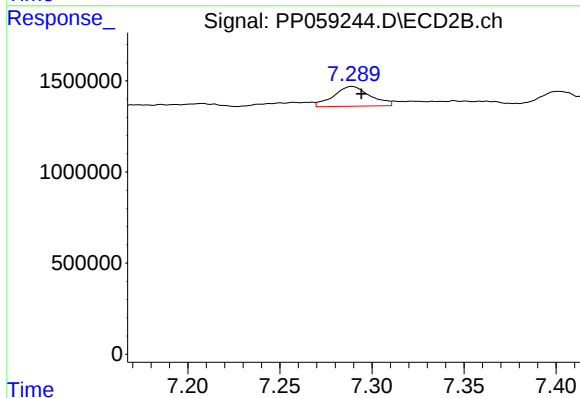
R.T.: 7.043 min
Delta R.T.: -0.007 min
Response: 2950160
Conc: 34.03 ng/ml



#35 AR-1260-5

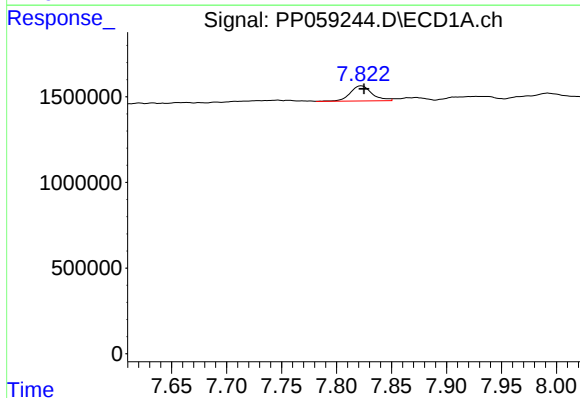
R.T.: 8.369 min
Delta R.T.: -0.005 min
Response: 381124
Conc: 4.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



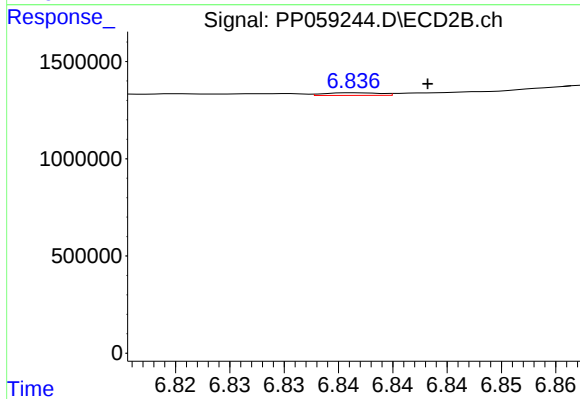
#35 AR-1260-5

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 1493497
Conc: 8.10 ng/ml



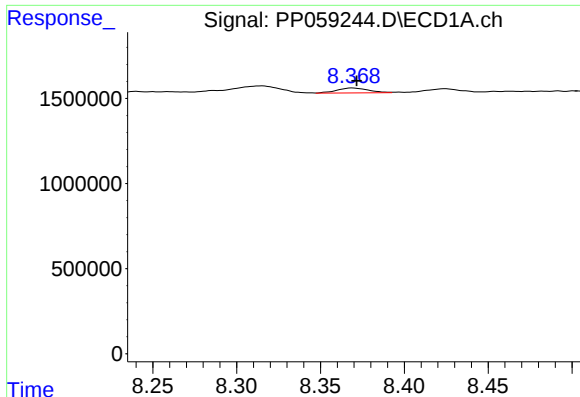
#36 AR-1262-1

R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 1217962
Conc: 19.12 ng/ml



#36 AR-1262-1

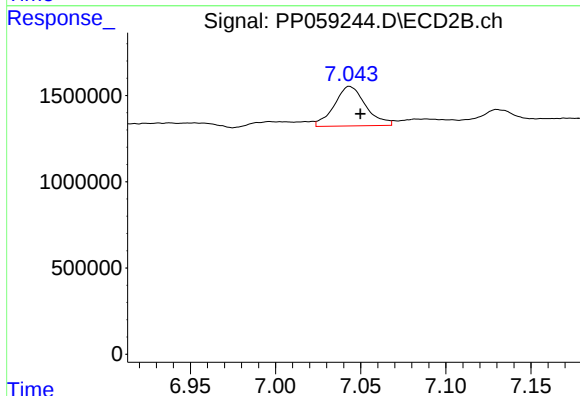
R.T.: 6.837 min
Delta R.T.: -0.007 min
Response: 47282
Conc: 0.82 ng/ml



#37 AR-1262-2

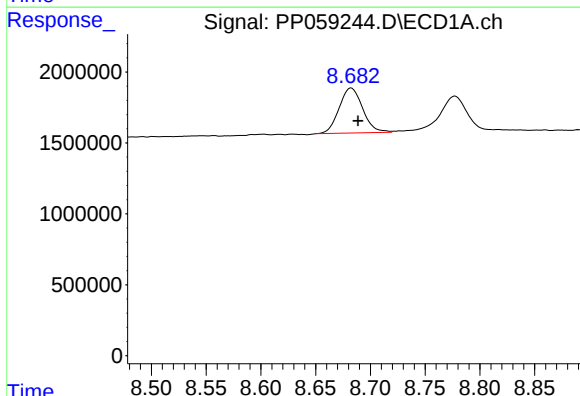
R.T.: 8.369 min
Delta R.T.: -0.002 min
Response: 381124
Conc: 4.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



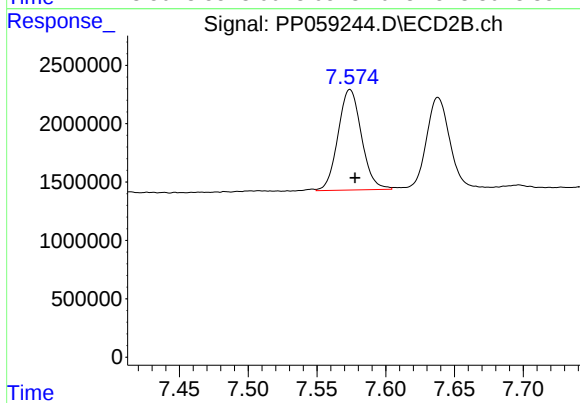
#37 AR-1262-2

R.T.: 7.043 min
Delta R.T.: -0.006 min
Response: 2950160
Conc: 25.00 ng/ml



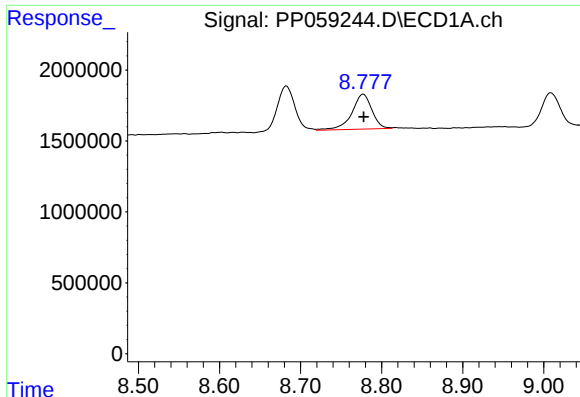
#38 AR-1262-3

R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 4751492
Conc: 73.83 ng/ml



#38 AR-1262-3

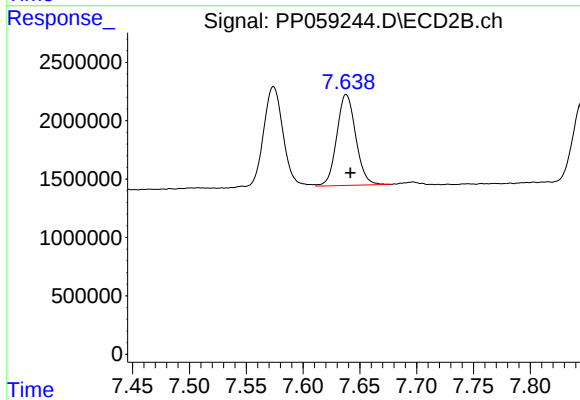
R.T.: 7.574 min
Delta R.T.: -0.004 min
Response: 10219011
Conc: 120.08 ng/ml



#39 AR-1262-4

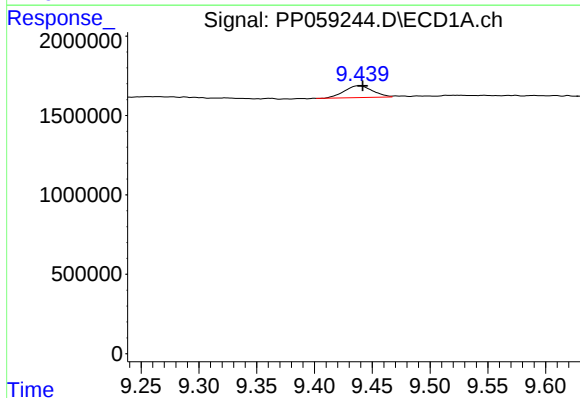
R.T.: 8.777 min
Delta R.T.: 0.000 min
Response: 4234757
Conc: 127.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



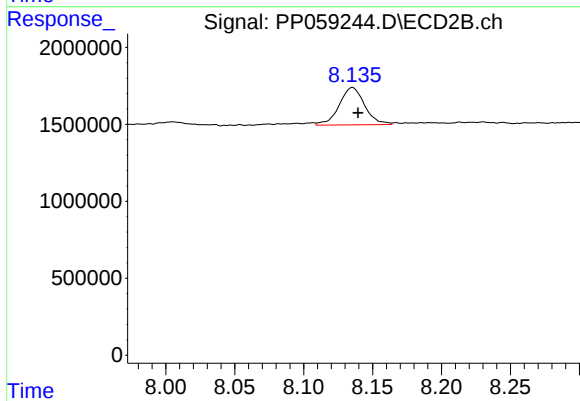
#39 AR-1262-4

R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 9054092
Conc: 59.94 ng/ml



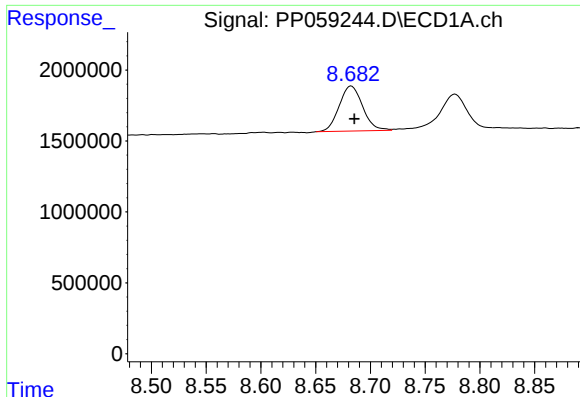
#40 AR-1262-5

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 1262296
Conc: 42.30 ng/ml



#40 AR-1262-5

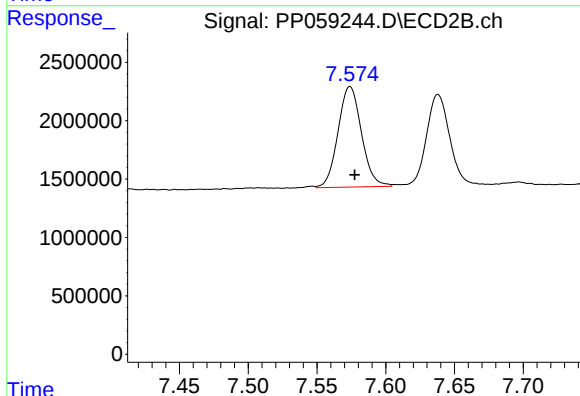
R.T.: 8.135 min
Delta R.T.: -0.004 min
Response: 3136948
Conc: 49.19 ng/ml



#41 AR-1268-1

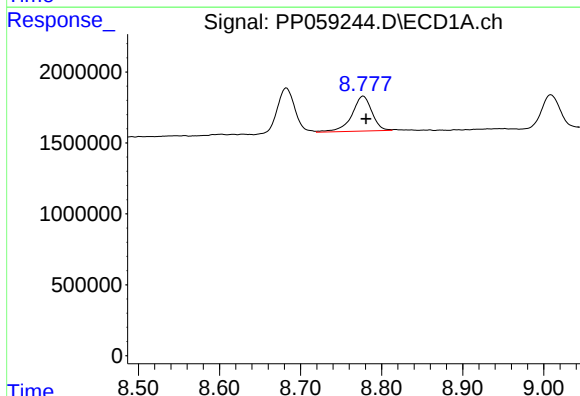
R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 4751492
Conc: 41.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



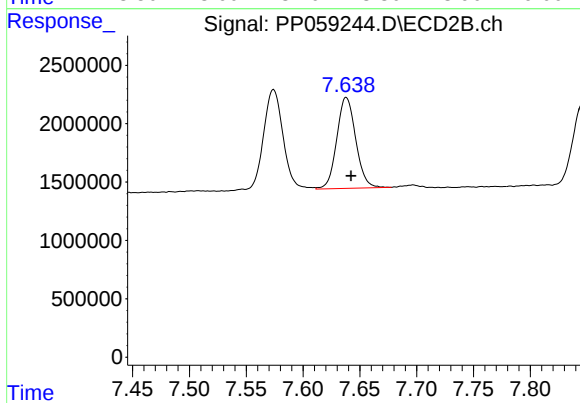
#41 AR-1268-1

R.T.: 7.574 min
Delta R.T.: -0.003 min
Response: 10219011
Conc: 41.91 ng/ml



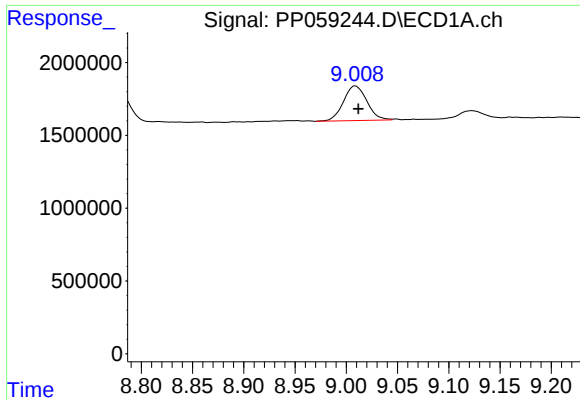
#42 AR-1268-2

R.T.: 8.777 min
Delta R.T.: -0.004 min
Response: 4234757
Conc: 43.03 ng/ml



#42 AR-1268-2

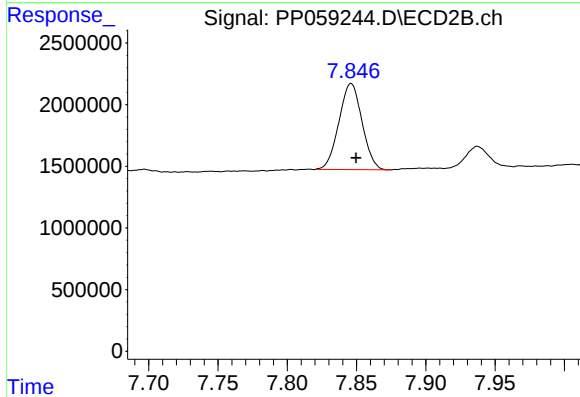
R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 9054092
Conc: 41.34 ng/ml



#43 AR-1268-3

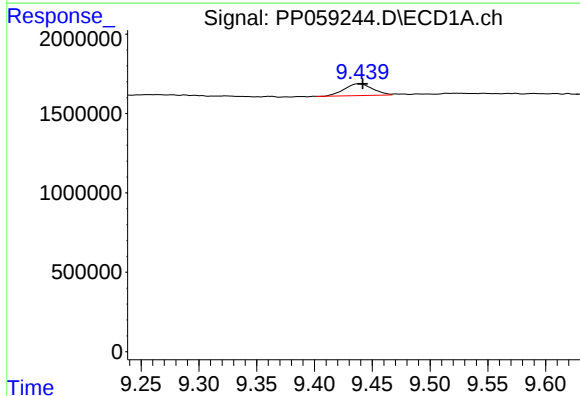
R.T.: 9.009 min
Delta R.T.: -0.003 min
Response: 3774793
Conc: 40.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



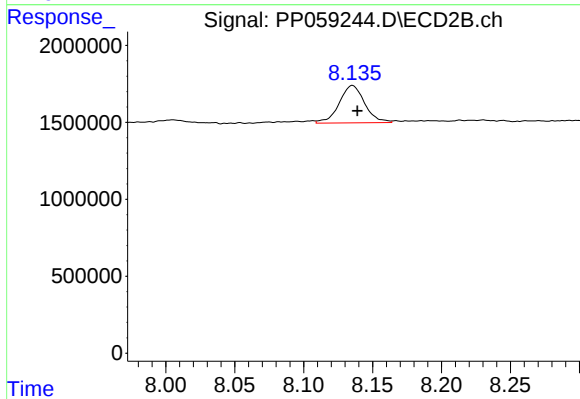
#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: -0.003 min
Response: 8103244
Conc: 41.44 ng/ml



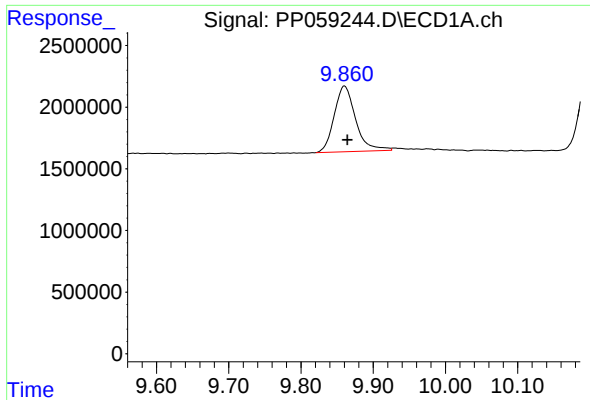
#44 AR-1268-4

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 1262296
Conc: 39.57 ng/ml



#44 AR-1268-4

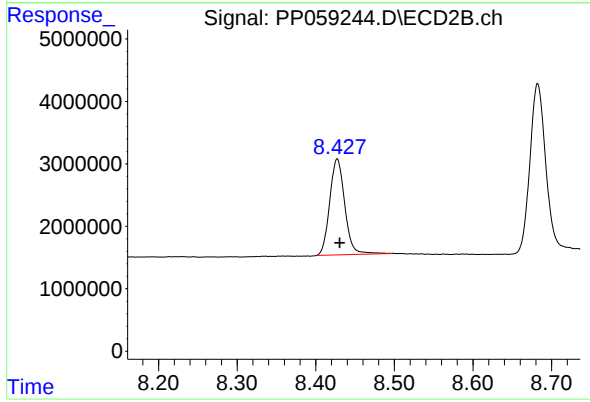
R.T.: 8.135 min
Delta R.T.: -0.004 min
Response: 3136948
Conc: 45.08 ng/ml



#45 AR-1268-5

R.T.: 9.860 min
Delta R.T.: -0.004 min
Response: 10995499
Conc: 40.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.003 min
Response: 20503154
Conc: 39.55 ng/ml