

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102522\
 Data File : PR057662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2022 14:23
 Operator : AJ\MA
 Sample : N4955-02
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:38:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 24 18:17:24 2022
 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...	3.692	2.924	49698276	42456290	23.660	21.100
2)	SA Decachlor...	9.633	8.182	52118400	55683498	23.573	23.584
Target Compounds							
3)	L1 AR-1016-1	4.917	4.040	122955	131713	1.579	2.047 #
4)	L1 AR-1016-2	4.939	4.065	219674	114484	2.077	1.192 #
5)	L1 AR-1016-3	5.014	0.000	189609	0	2.801	N.D. #
6)	L1 AR-1016-4	5.107	4.288	60113	1503667	1.077	43.634 #
7)	L1 AR-1016-5	5.429	4.504	1473589	1142424	23.954	22.891
8)	L2 AR-1221-1	3.928	0.000	3494879	0	122.614	N.D. #
9)	L2 AR-1221-2	4.005	3.227	1016381	592184	48.930	33.079 #
10)	L2 AR-1221-3	4.087	0.000	281149	0	4.662	N.D. #
11)	L3 AR-1232-1	4.087	0.000	281149	0	6.092	N.D. #
12)	L3 AR-1232-2	4.618f	4.065	163161	114484	6.073	2.622 #
13)	L3 AR-1232-3	4.939	0.000	219674	0	4.432	N.D. #
14)	L3 AR-1232-4	5.107	4.327	60113	398517	2.330	21.617 #
15)	L3 AR-1232-5	5.215	4.504	2458483	1142424	127.500	51.585 #
16)	L4 AR-1242-1	4.917	4.040	122955	131713	2.002	2.632 #
17)	L4 AR-1242-2	4.939	4.065	219674	114484	2.660	1.532 #
18)	L4 AR-1242-3	5.014	0.000	189609	0	3.567	N.D. #
19)	L4 AR-1242-4	5.107	4.327	60113	398517	1.371	11.482 #
20)	L4 AR-1242-5	5.906	4.874	1560379	4132519	24.769	85.430 #
21)	L5 AR-1248-1	4.917	4.040	122955	131713	2.672	3.462 #
22)	L5 AR-1248-2	5.215	4.288	2458483	1503667	39.962	31.735
23)	L5 AR-1248-3	5.429	4.327	1473589	398517	18.399	7.980 #
24)	L5 AR-1248-4	5.863	4.504	2281864	1142424	21.587	17.730
25)	L5 AR-1248-5	5.906	4.915	1560379	677944	14.951	9.844 #
26)	L6 AR-1254-1	5.834	4.874	5484219	4132519	50.282	42.727
27)	L6 AR-1254-2	6.072	5.033	8823061	3531591	48.987	41.877
28)	L6 AR-1254-3	6.464	5.453	10085434	5964485	50.143	40.471
29)	L6 AR-1254-4	6.778	5.700	6897737	3873729	44.495	40.958
30)	L6 AR-1254-5	7.234	6.145	7536882	5789979	44.607	41.140
31)	L7 AR-1260-1	6.646	5.596	3905416	2836255	24.308	28.816
32)	L7 AR-1260-2	6.929	5.799	4495359	2157107	23.136	18.107
33)	L7 AR-1260-3	7.298f	5.955	1010429	2832088	7.803	24.063 #
34)	L7 AR-1260-4	7.543f	6.464	3178671	297536	21.075	3.190 #
35)	L7 AR-1260-5	7.903	6.728	1113043	750545	3.972	3.208
36)	L8 AR-1262-1	7.298f	6.217f	1010429	472884	5.252	3.617 #
37)	L8 AR-1262-2	7.903	6.464	1113043	297536	3.431	2.380 #
38)	L8 AR-1262-3	8.218	7.027	715411	743721	3.417	7.295 #
39)	L8 AR-1262-4	8.279f	7.101	968556	1095338	11.596	5.304 #
40)	L8 AR-1262-5	8.930	0.000	83782	0	0.818	N.D. #
41)	L9 AR-1268-1	8.218	7.027	715411	743721	1.999	2.377

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 Operator : AJ\MA
 Sample : N4955-02
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 19 Sample Multiplier: 1

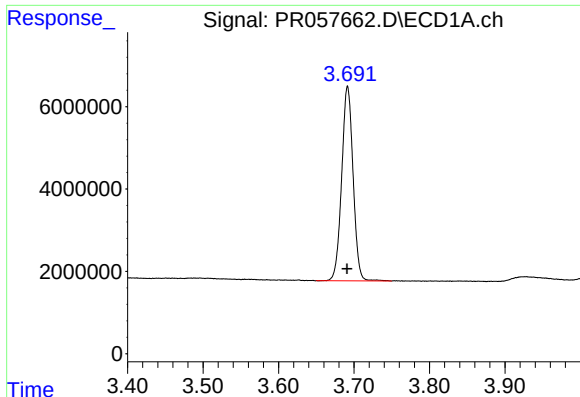
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:38:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102422.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	8.279f	7.101	968556	1095338	3.032	3.427
43) L9	AR-1268-3	8.519	7.324	206634	1285652	0.786	4.721 #
44) L9	AR-1268-4	8.930	0.000	83782	0	0.739	N.D. #
45) L9	AR-1268-5	9.317	7.938	530940	795072	0.668	0.800

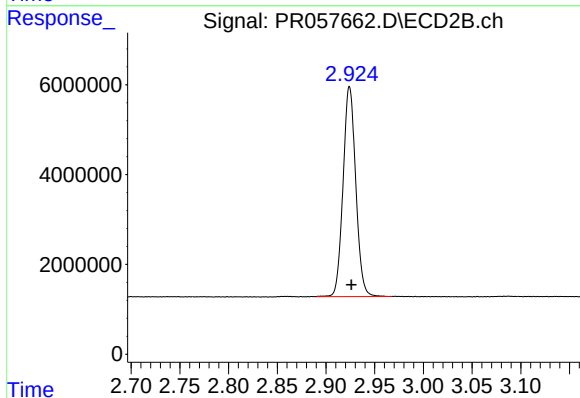
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

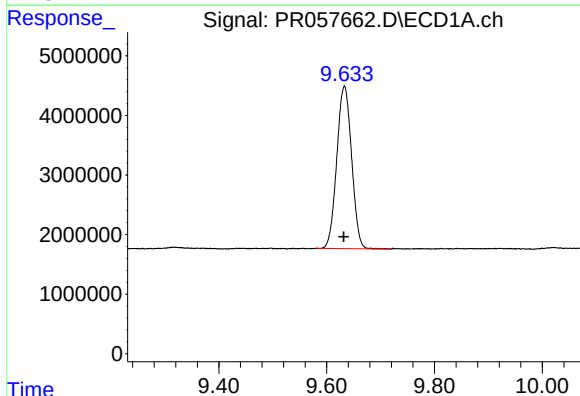
R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 49698276
Conc: 23.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



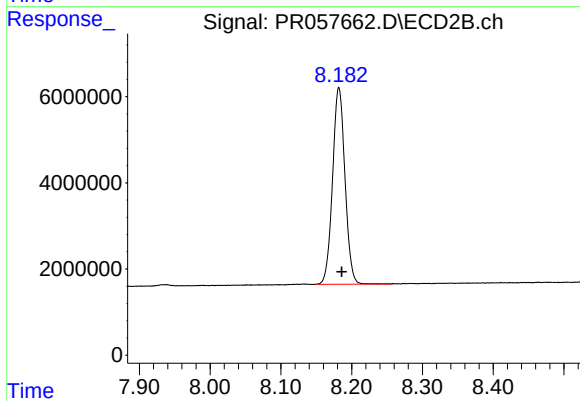
#1 Tetrachloro-m-xylene

R.T.: 2.924 min
Delta R.T.: -0.002 min
Response: 42456290
Conc: 21.10 ng/ml



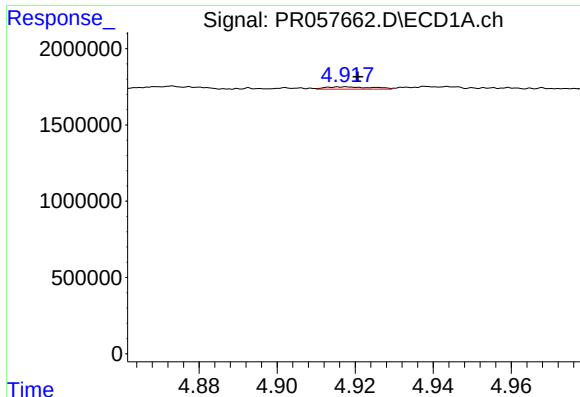
#2 Decachlorobiphenyl

R.T.: 9.633 min
Delta R.T.: 0.002 min
Response: 52118400
Conc: 23.57 ng/ml



#2 Decachlorobiphenyl

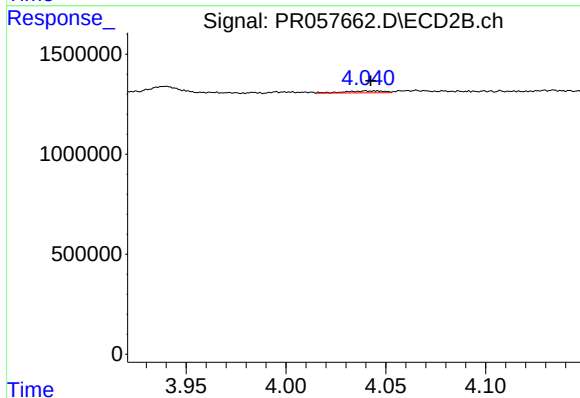
R.T.: 8.182 min
Delta R.T.: -0.004 min
Response: 55683498
Conc: 23.58 ng/ml



#3 AR-1016-1

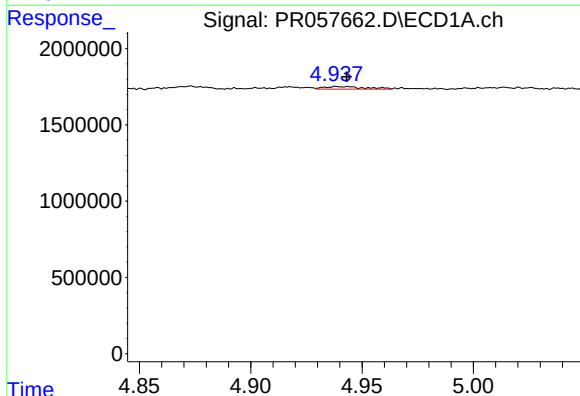
R.T.: 4.917 min
Delta R.T.: -0.003 min
Response: 122955
Conc: 1.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



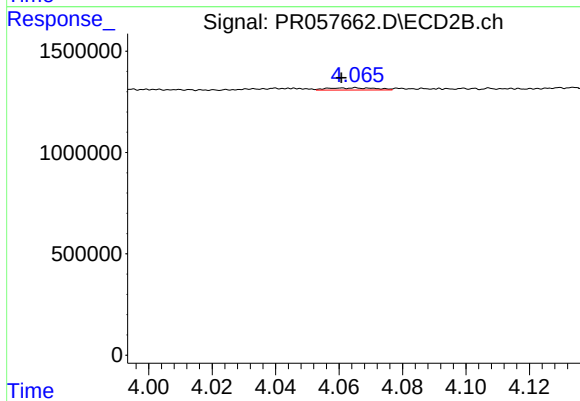
#3 AR-1016-1

R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 131713
Conc: 2.05 ng/ml



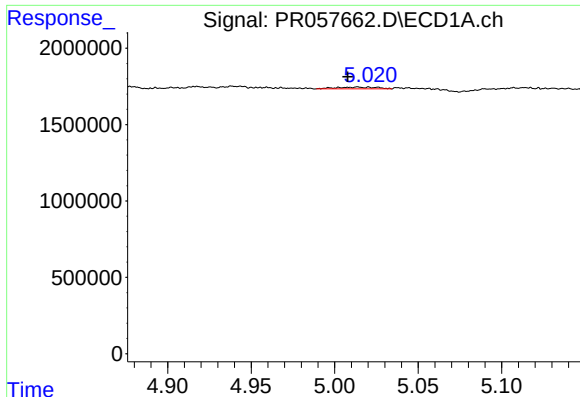
#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 219674
Conc: 2.08 ng/ml



#4 AR-1016-2

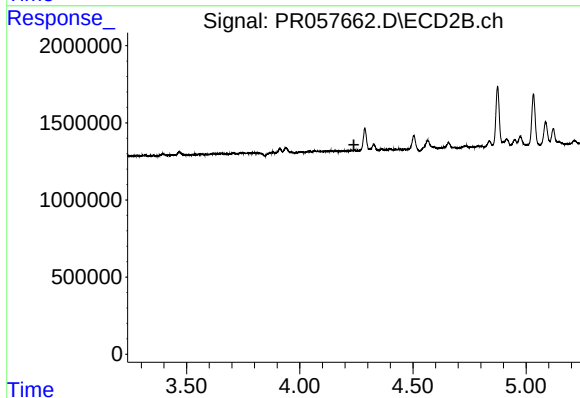
R.T.: 4.065 min
Delta R.T.: 0.005 min
Response: 114484
Conc: 1.19 ng/ml



#5 AR-1016-3

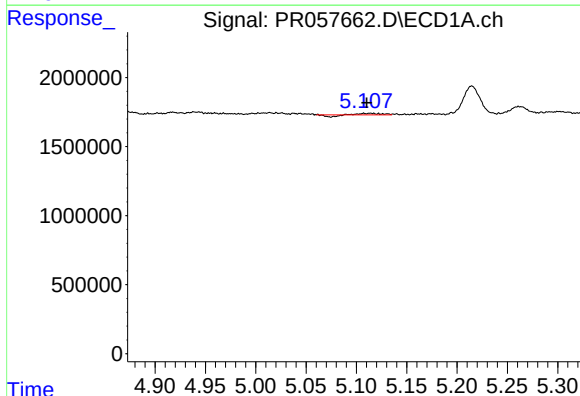
R.T.: 5.014 min
Delta R.T.: 0.006 min
Response: 189609
Conc: 2.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



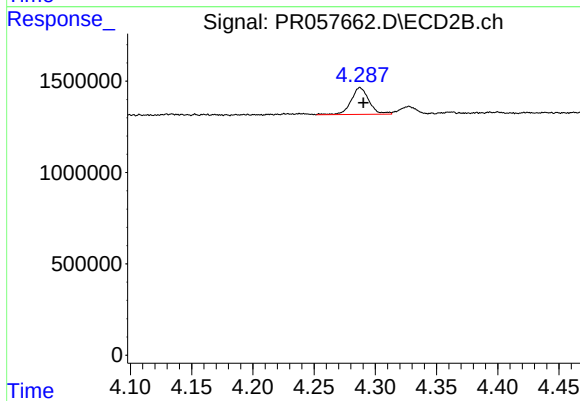
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.239 min
Response: 0
Conc: N.D.



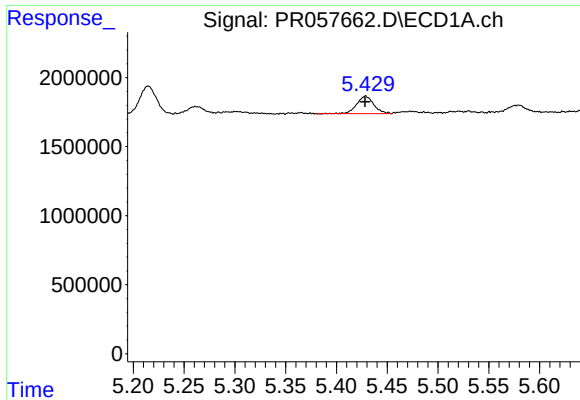
#6 AR-1016-4

R.T.: 5.107 min
Delta R.T.: -0.003 min
Response: 60113
Conc: 1.08 ng/ml



#6 AR-1016-4

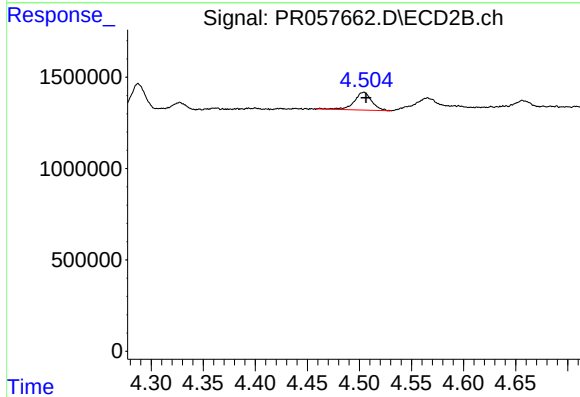
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 1503667
Conc: 43.63 ng/ml



#7 AR-1016-5

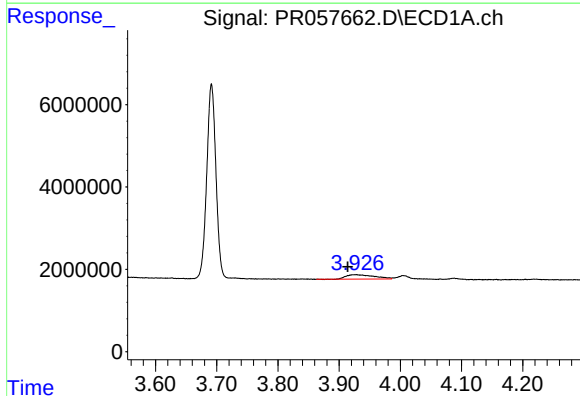
R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 1473589
Conc: 23.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



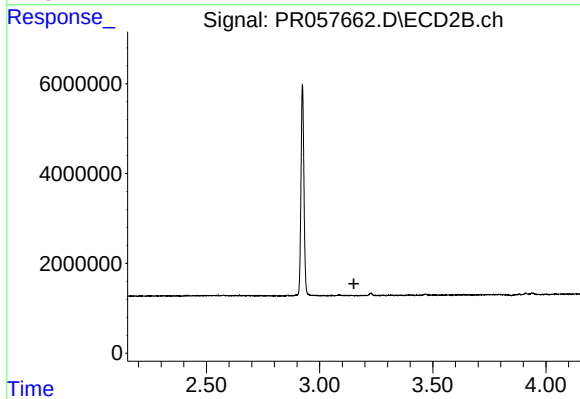
#7 AR-1016-5

R.T.: 4.504 min
Delta R.T.: -0.002 min
Response: 1142424
Conc: 22.89 ng/ml



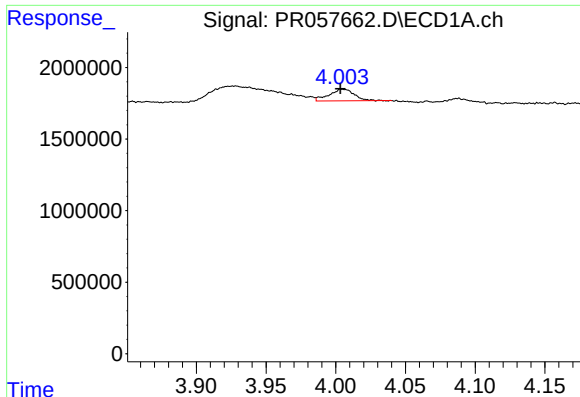
#8 AR-1221-1

R.T.: 3.928 min
Delta R.T.: 0.013 min
Response: 3494879
Conc: 122.61 ng/ml



#8 AR-1221-1

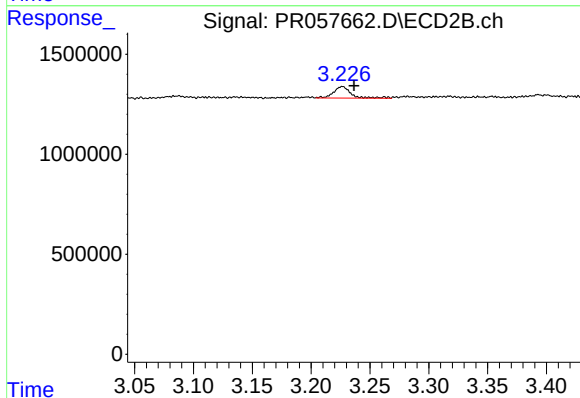
R.T.: 0.000 min
Exp R.T. : 3.151 min
Response: 0
Conc: N.D.



#9 AR-1221-2

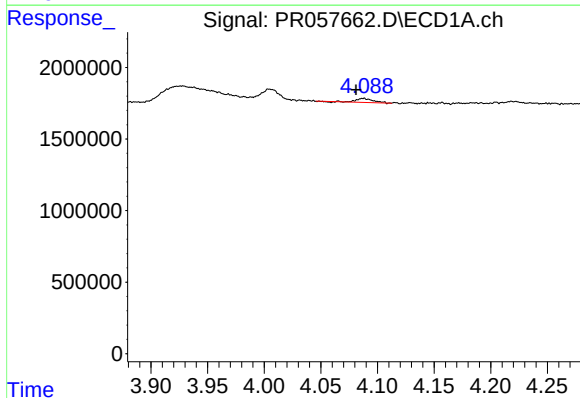
R.T.: 4.005 min
Delta R.T.: 0.001 min
Response: 1016381
Conc: 48.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



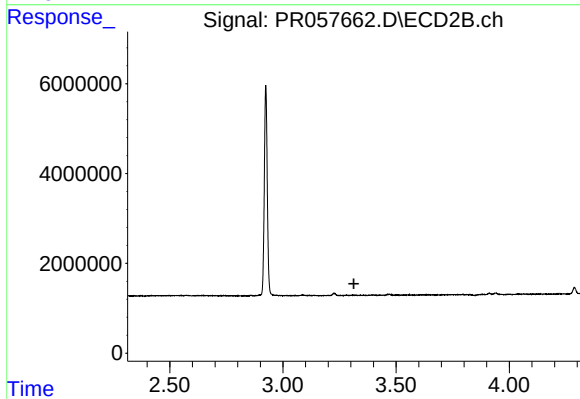
#9 AR-1221-2

R.T.: 3.227 min
Delta R.T.: -0.010 min
Response: 592184
Conc: 33.08 ng/ml



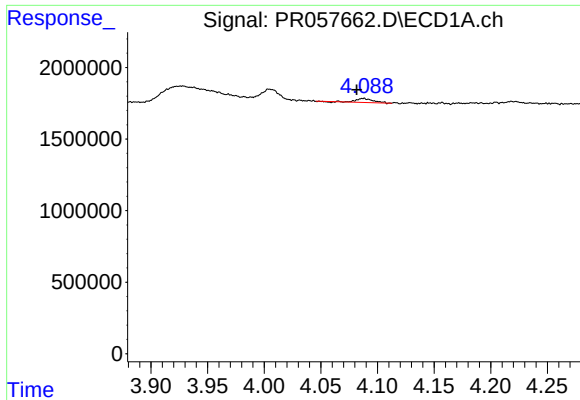
#10 AR-1221-3

R.T.: 4.087 min
Delta R.T.: 0.006 min
Response: 281149
Conc: 4.66 ng/ml



#10 AR-1221-3

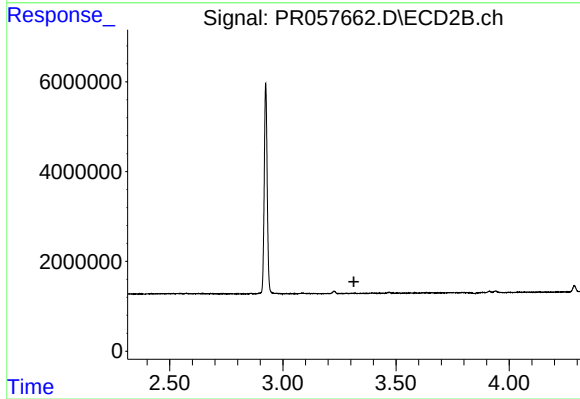
R.T.: 0.000 min
Exp R.T. : 3.314 min
Response: 0
Conc: N.D.



#11 AR-1232-1

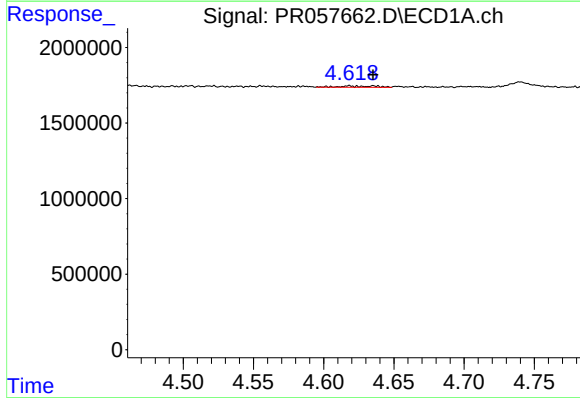
R.T.: 4.087 min
Delta R.T.: 0.006 min
Response: 281149
Conc: 6.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



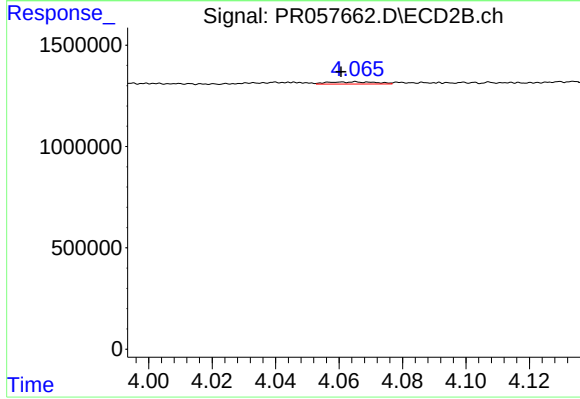
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.314 min
Response: 0
Conc: N.D.



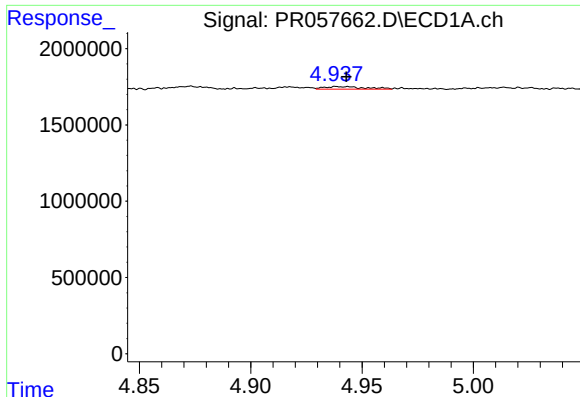
#12 AR-1232-2

R.T.: 4.618 min
Delta R.T.: -0.017 min
Response: 163161
Conc: 6.07 ng/ml



#12 AR-1232-2

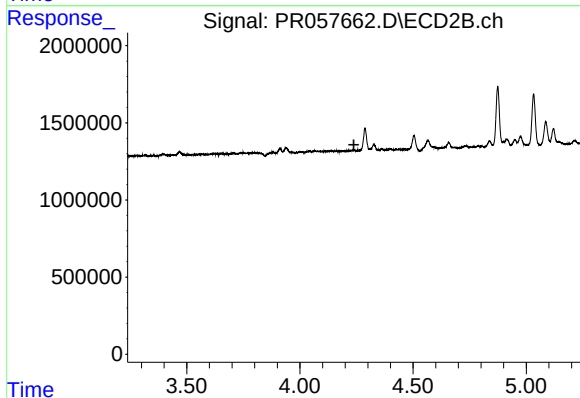
R.T.: 4.065 min
Delta R.T.: 0.005 min
Response: 114484
Conc: 2.62 ng/ml



#13 AR-1232-3

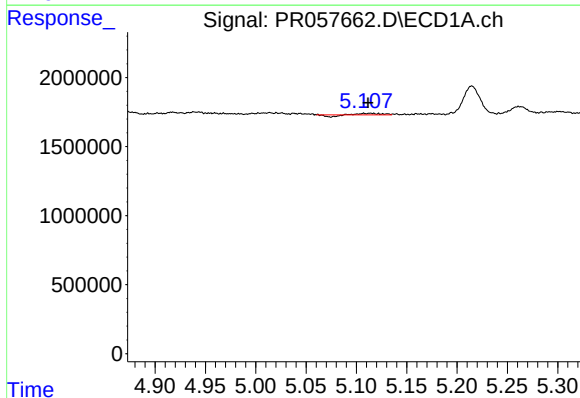
R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 219674
Conc: 4.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



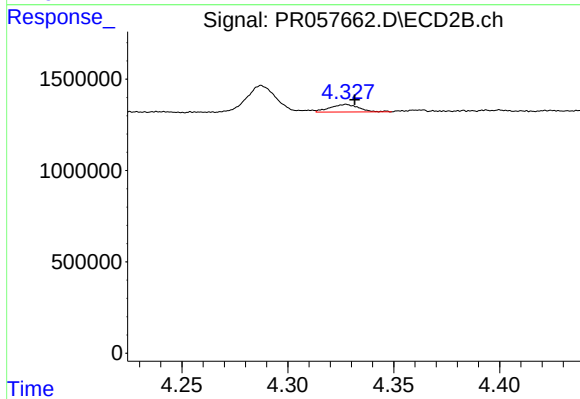
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.239 min
Response: 0
Conc: N.D.



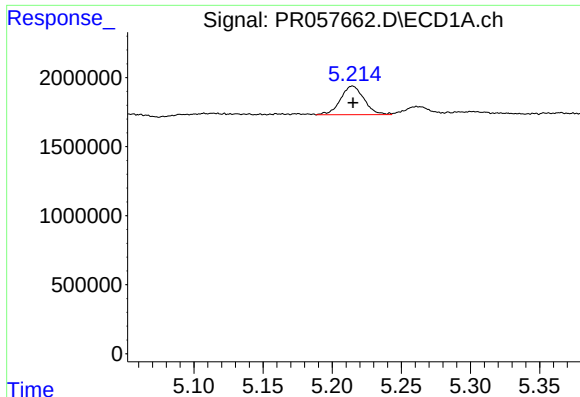
#14 AR-1232-4

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 60113
Conc: 2.33 ng/ml



#14 AR-1232-4

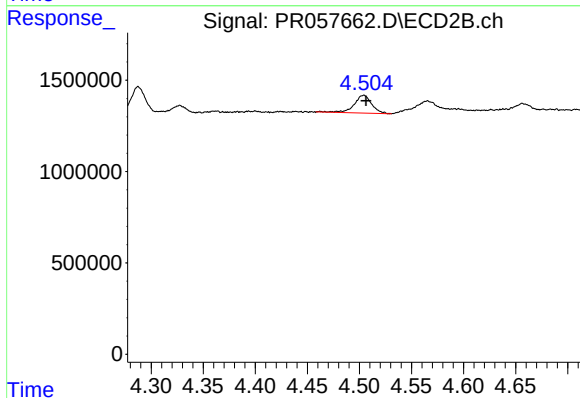
R.T.: 4.327 min
Delta R.T.: -0.004 min
Response: 398517
Conc: 21.62 ng/ml



#15 AR-1232-5

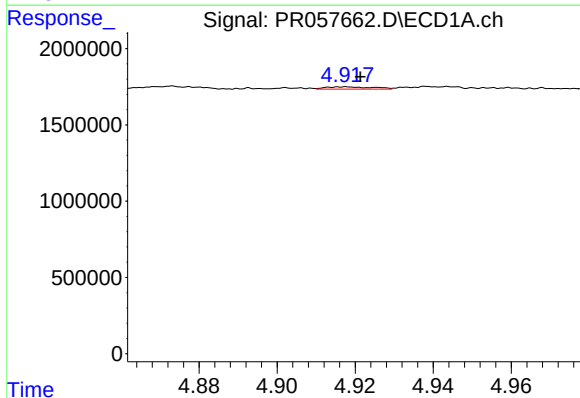
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 2458483
Conc: 127.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



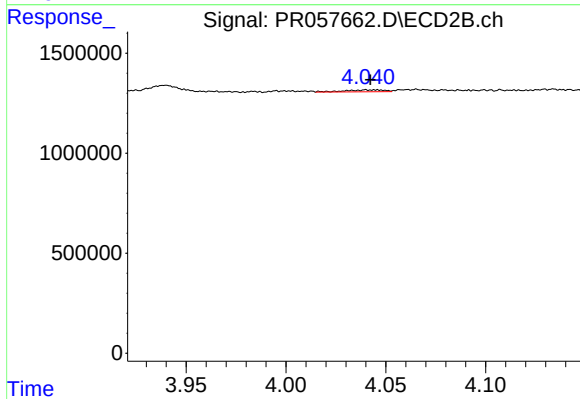
#15 AR-1232-5

R.T.: 4.504 min
Delta R.T.: -0.002 min
Response: 1142424
Conc: 51.58 ng/ml



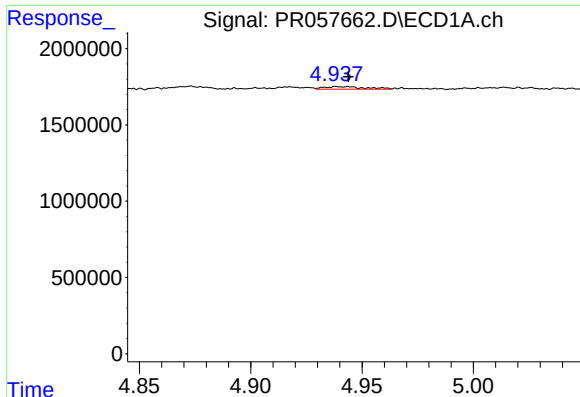
#16 AR-1242-1

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 122955
Conc: 2.00 ng/ml



#16 AR-1242-1

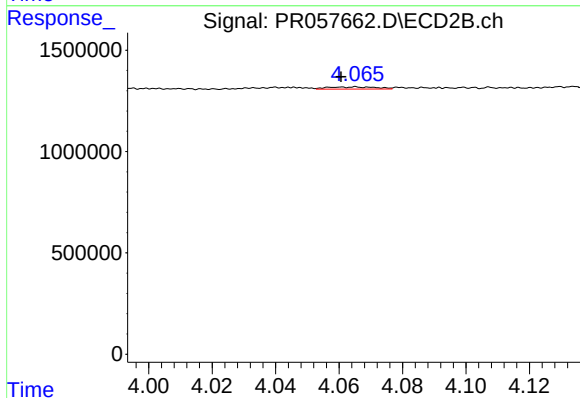
R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 131713
Conc: 2.63 ng/ml



#17 AR-1242-2

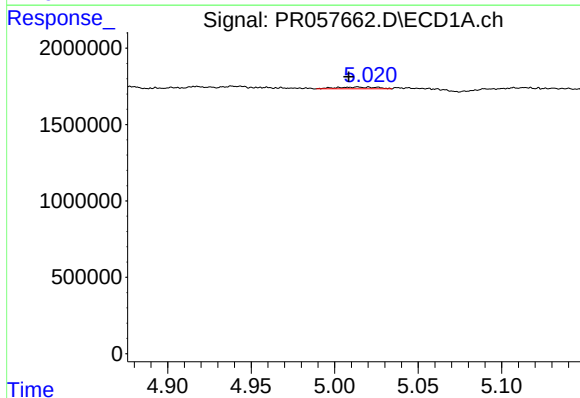
R.T.: 4.939 min
Delta R.T.: -0.005 min
Response: 219674
Conc: 2.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



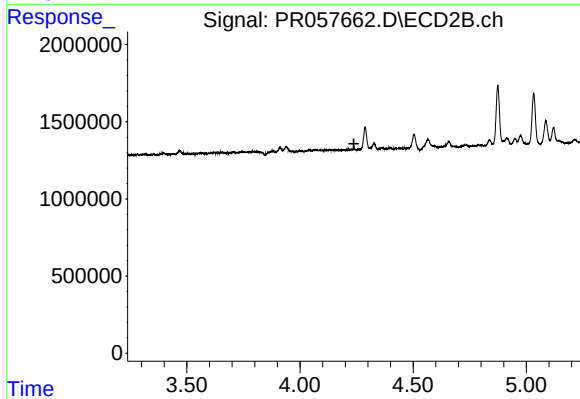
#17 AR-1242-2

R.T.: 4.065 min
Delta R.T.: 0.005 min
Response: 114484
Conc: 1.53 ng/ml



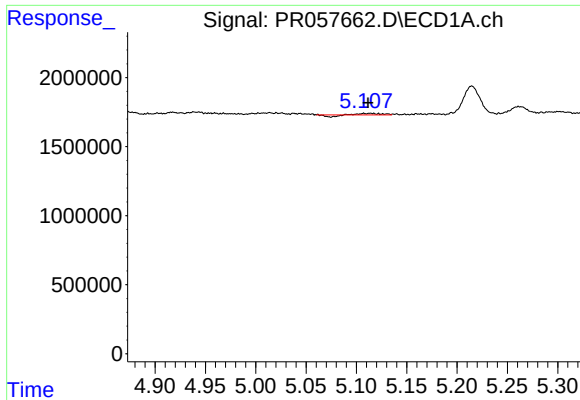
#18 AR-1242-3

R.T.: 5.014 min
Delta R.T.: 0.006 min
Response: 189609
Conc: 3.57 ng/ml



#18 AR-1242-3

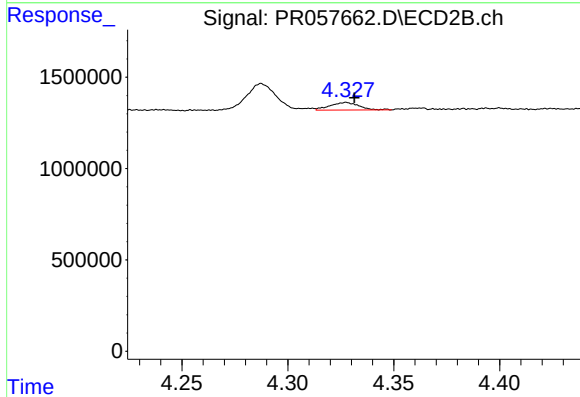
R.T.: 0.000 min
Exp R.T.: 4.238 min
Response: 0
Conc: N.D.



#19 AR-1242-4

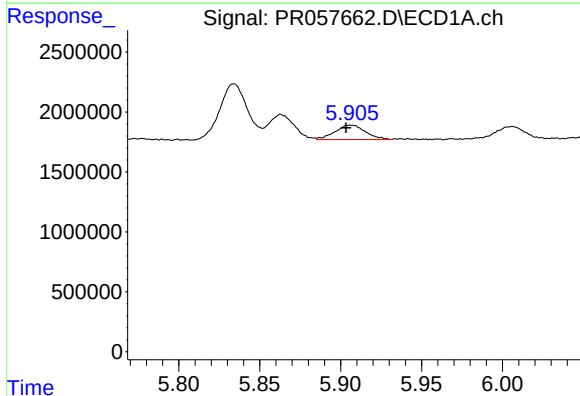
R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 60113
Conc: 1.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



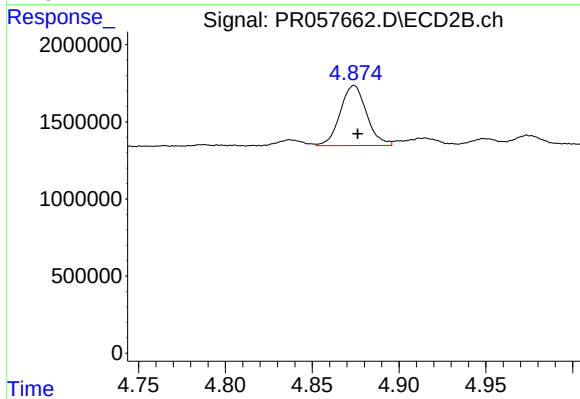
#19 AR-1242-4

R.T.: 4.327 min
Delta R.T.: -0.004 min
Response: 398517
Conc: 11.48 ng/ml



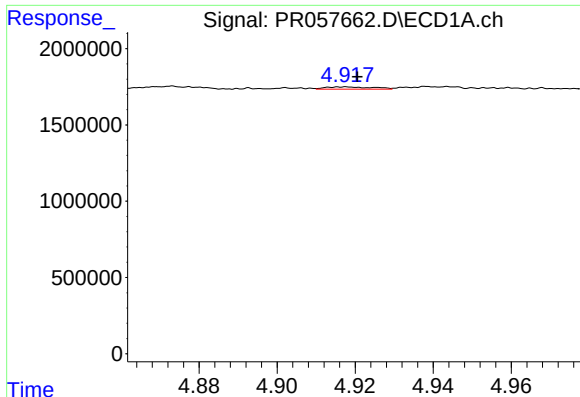
#20 AR-1242-5

R.T.: 5.906 min
Delta R.T.: 0.003 min
Response: 1560379
Conc: 24.77 ng/ml



#20 AR-1242-5

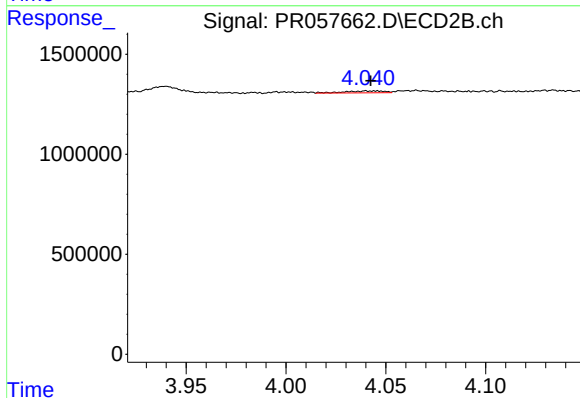
R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 4132519
Conc: 85.43 ng/ml



#21 AR-1248-1

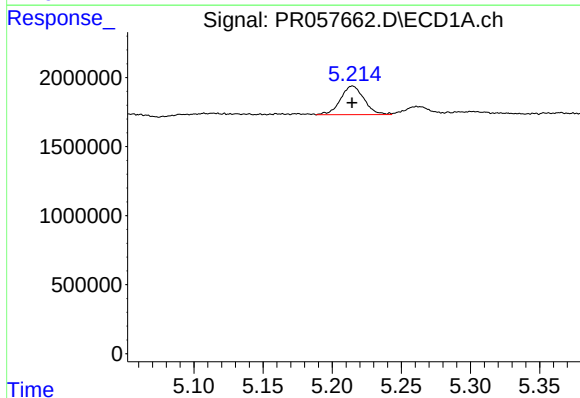
R.T.: 4.917 min
Delta R.T.: -0.003 min
Response: 122955
Conc: 2.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



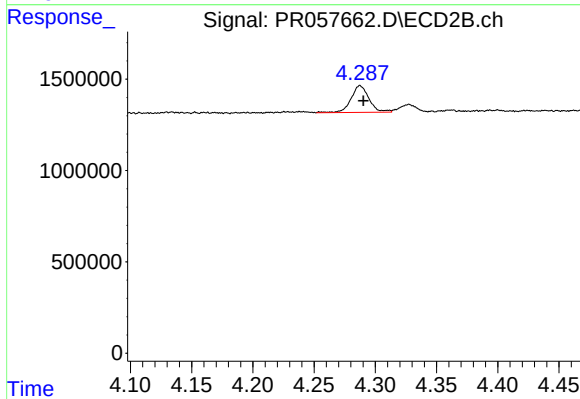
#21 AR-1248-1

R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 131713
Conc: 3.46 ng/ml



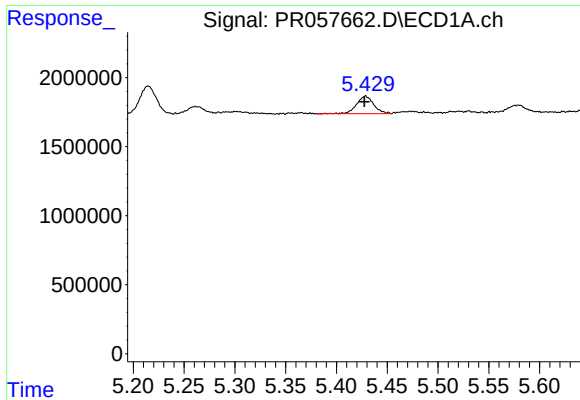
#22 AR-1248-2

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 2458483
Conc: 39.96 ng/ml



#22 AR-1248-2

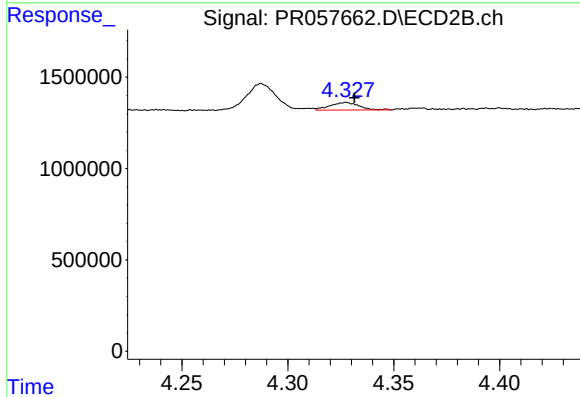
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 1503667
Conc: 31.74 ng/ml



#23 AR-1248-3

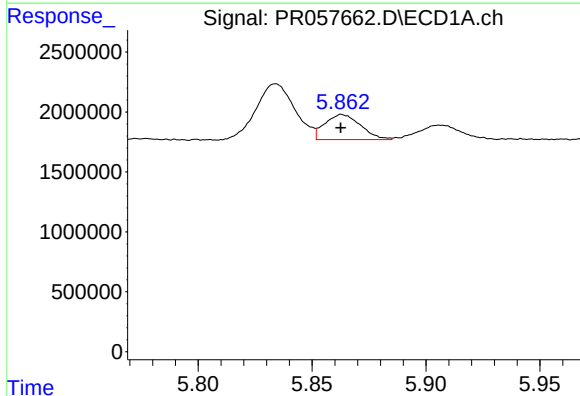
R.T.: 5.429 min
Delta R.T.: 0.001 min
Response: 1473589
Conc: 18.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



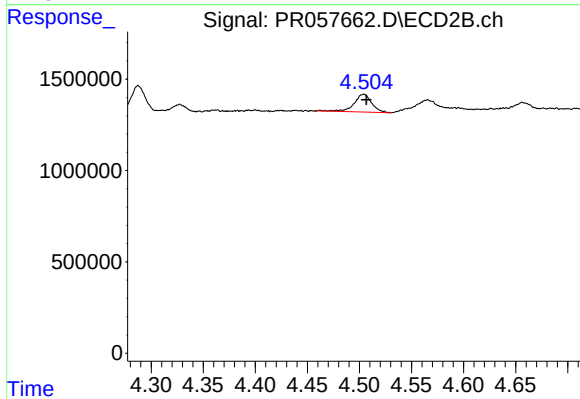
#23 AR-1248-3

R.T.: 4.327 min
Delta R.T.: -0.004 min
Response: 398517
Conc: 7.98 ng/ml



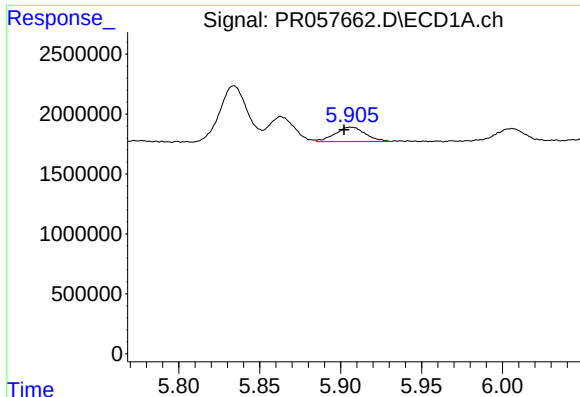
#24 AR-1248-4

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 2281864
Conc: 21.59 ng/ml



#24 AR-1248-4

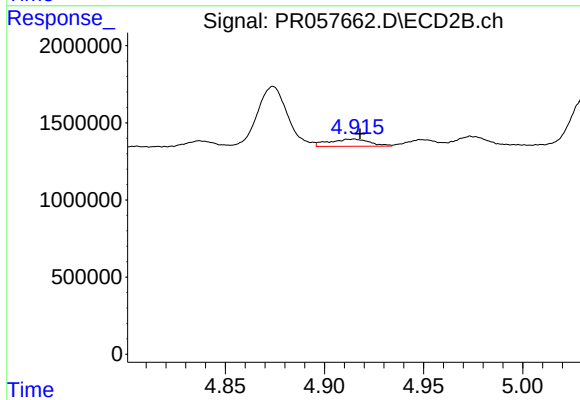
R.T.: 4.504 min
Delta R.T.: -0.003 min
Response: 1142424
Conc: 17.73 ng/ml



#25 AR-1248-5

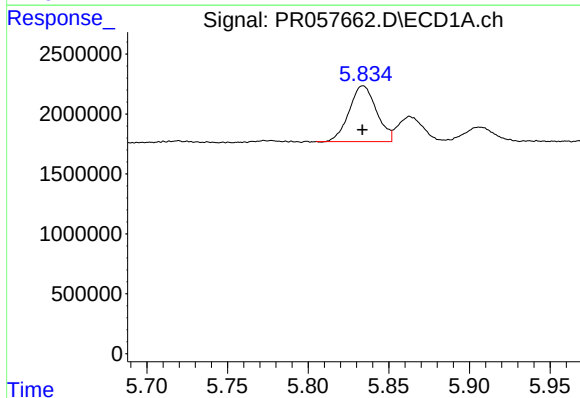
R.T.: 5.906 min
Delta R.T.: 0.004 min
Response: 1560379
Conc: 14.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



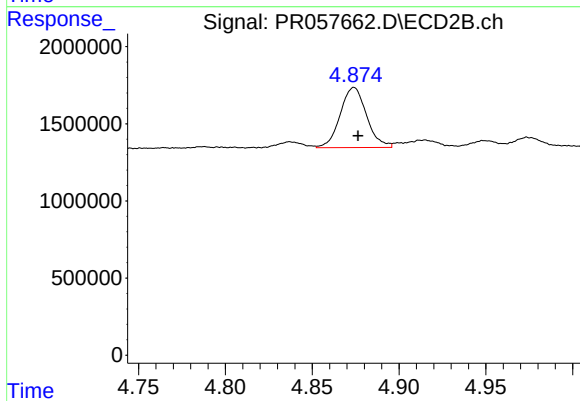
#25 AR-1248-5

R.T.: 4.915 min
Delta R.T.: -0.003 min
Response: 677944
Conc: 9.84 ng/ml



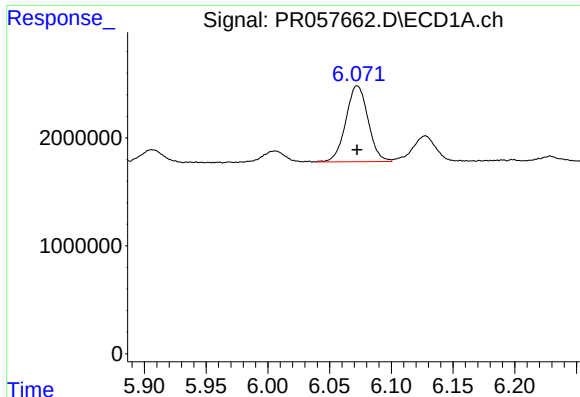
#26 AR-1254-1

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 5484219
Conc: 50.28 ng/ml



#26 AR-1254-1

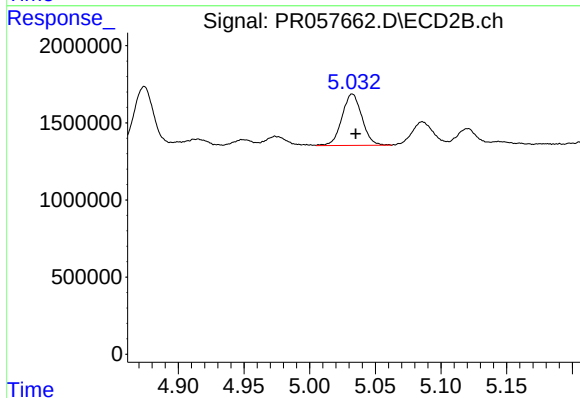
R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 4132519
Conc: 42.73 ng/ml



#27 AR-1254-2

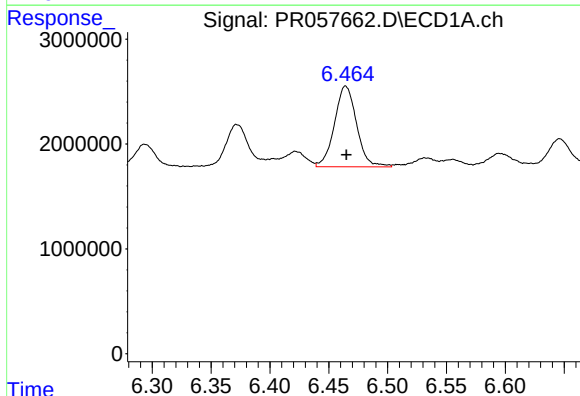
R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 8823061
Conc: 48.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



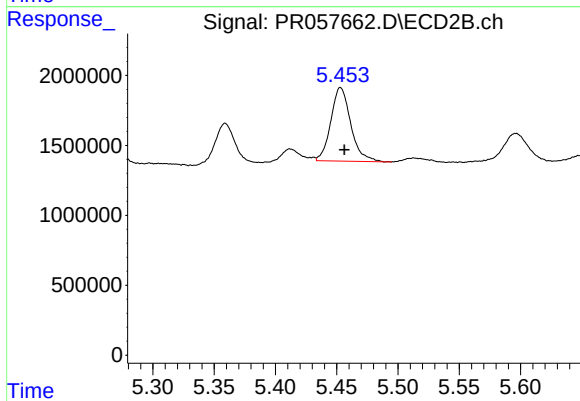
#27 AR-1254-2

R.T.: 5.033 min
Delta R.T.: -0.002 min
Response: 3531591
Conc: 41.88 ng/ml



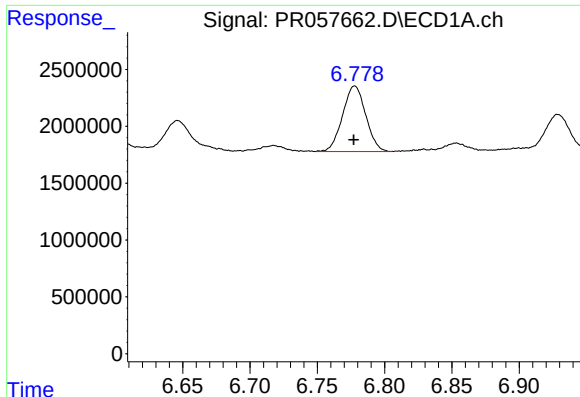
#28 AR-1254-3

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 10085434
Conc: 50.14 ng/ml



#28 AR-1254-3

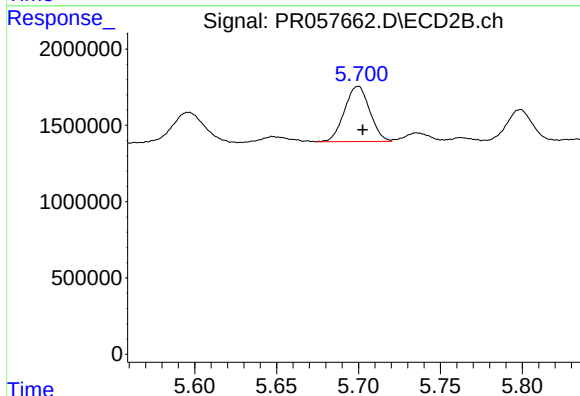
R.T.: 5.453 min
Delta R.T.: -0.003 min
Response: 5964485
Conc: 40.47 ng/ml



#29 AR-1254-4

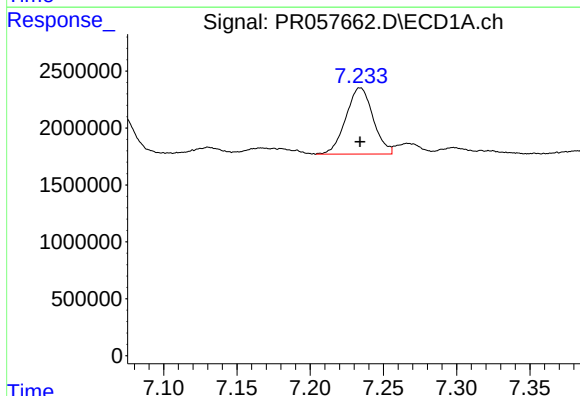
R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 6897737
Conc: 44.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



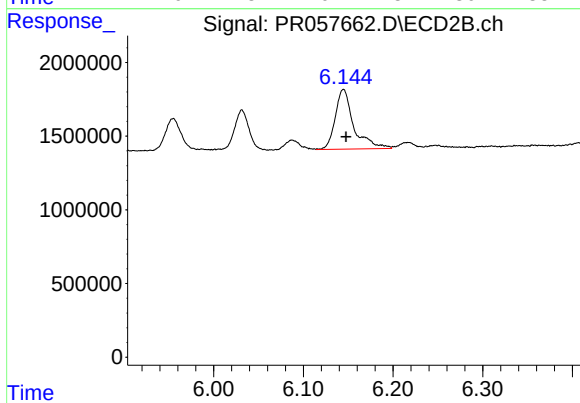
#29 AR-1254-4

R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 3873729
Conc: 40.96 ng/ml



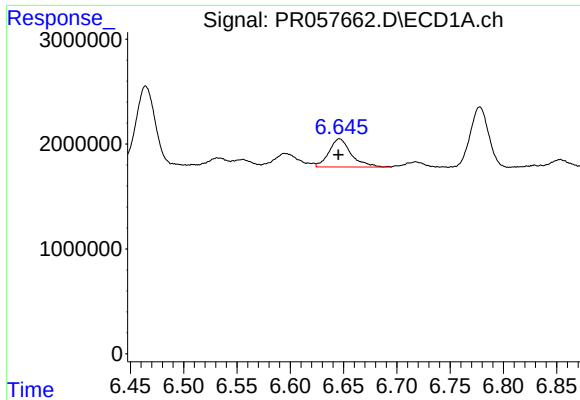
#30 AR-1254-5

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 7536882
Conc: 44.61 ng/ml



#30 AR-1254-5

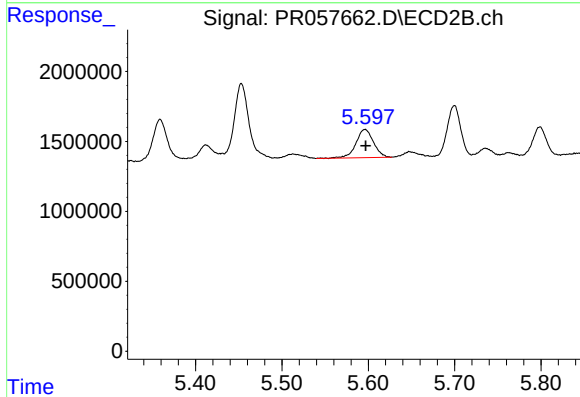
R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 5789979
Conc: 41.14 ng/ml



#31 AR-1260-1

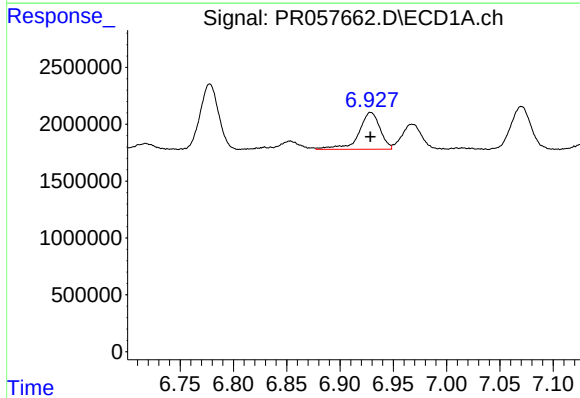
R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 3905416
Conc: 24.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



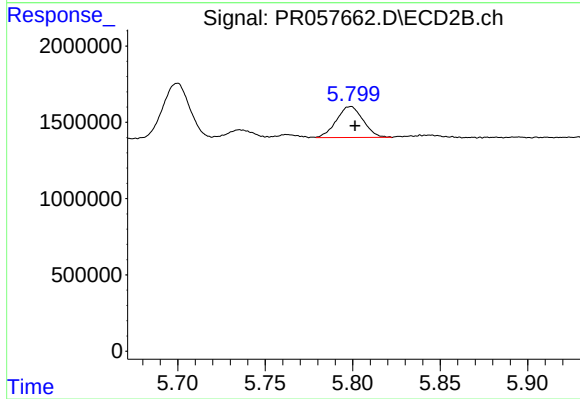
#31 AR-1260-1

R.T.: 5.596 min
Delta R.T.: -0.001 min
Response: 2836255
Conc: 28.82 ng/ml



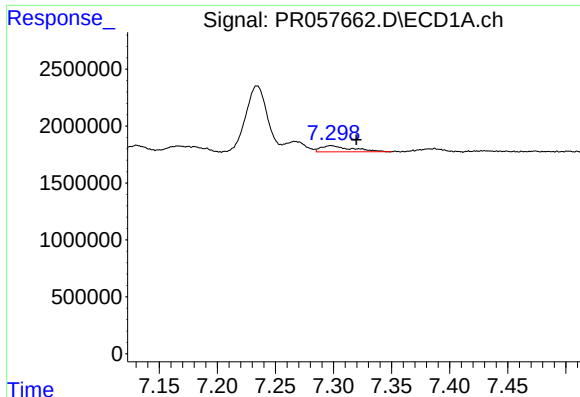
#32 AR-1260-2

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 4495359
Conc: 23.14 ng/ml



#32 AR-1260-2

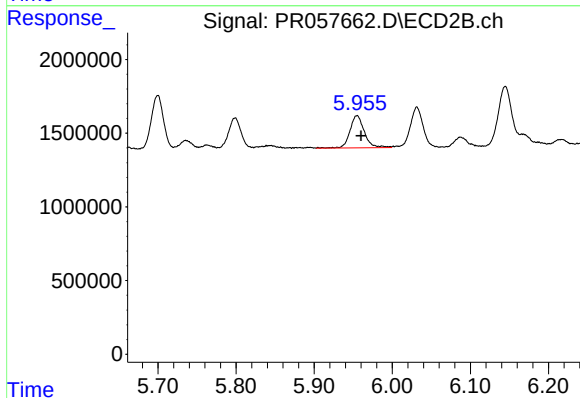
R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 2157107
Conc: 18.11 ng/ml



#33 AR-1260-3

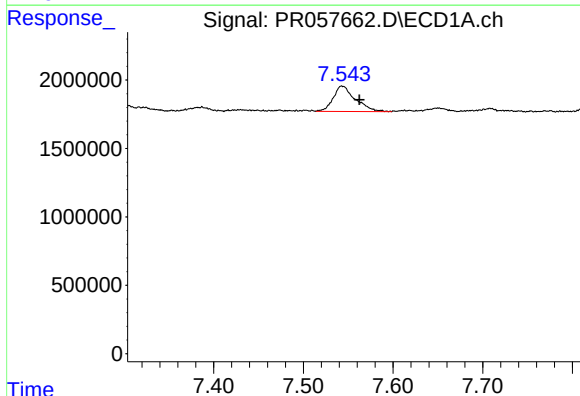
R.T.: 7.298 min
Delta R.T.: -0.022 min
Response: 1010429
Conc: 7.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



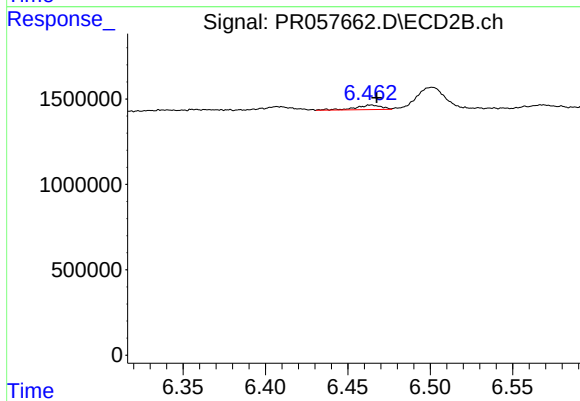
#33 AR-1260-3

R.T.: 5.955 min
Delta R.T.: -0.005 min
Response: 2832088
Conc: 24.06 ng/ml



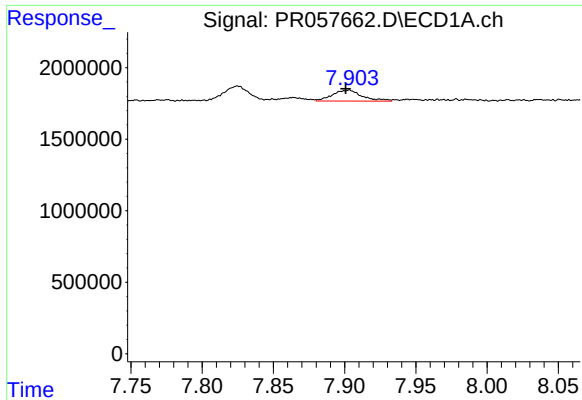
#34 AR-1260-4

R.T.: 7.543 min
Delta R.T.: -0.019 min
Response: 3178671
Conc: 21.07 ng/ml



#34 AR-1260-4

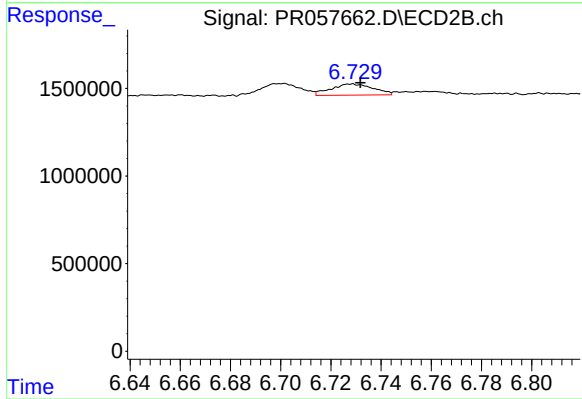
R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 297536
Conc: 3.19 ng/ml



#35 AR-1260-5

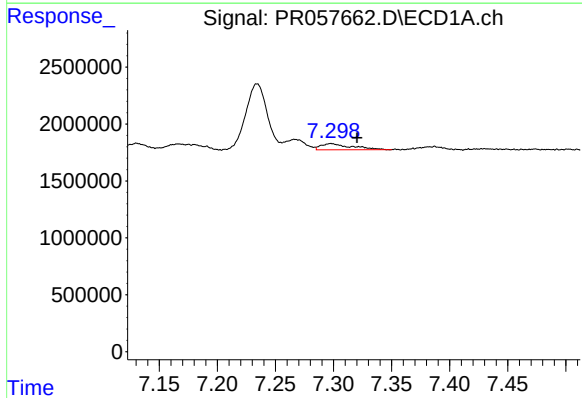
R.T.: 7.903 min
Delta R.T.: 0.002 min
Response: 1113043
Conc: 3.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



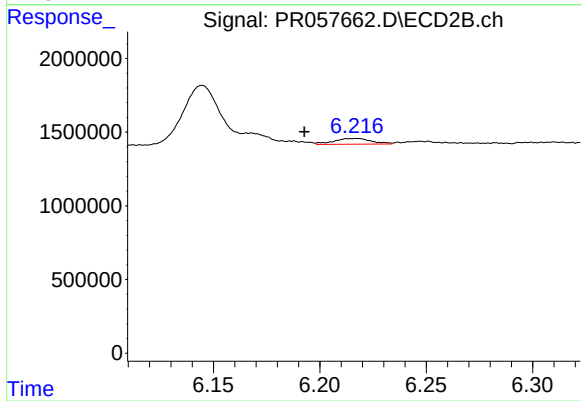
#35 AR-1260-5

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 750545
Conc: 3.21 ng/ml



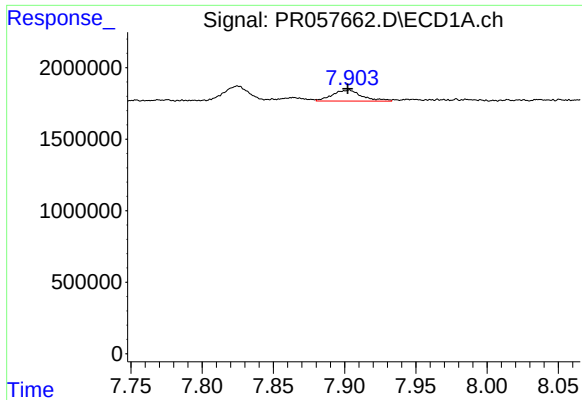
#36 AR-1262-1

R.T.: 7.298 min
Delta R.T.: -0.022 min
Response: 1010429
Conc: 5.25 ng/ml



#36 AR-1262-1

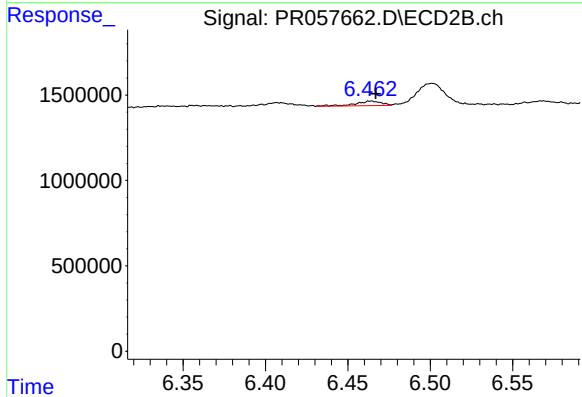
R.T.: 6.217 min
Delta R.T.: 0.024 min
Response: 472884
Conc: 3.62 ng/ml



#37 AR-1262-2

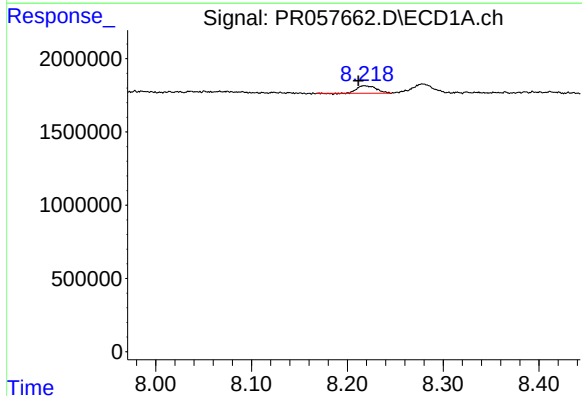
R.T.: 7.903 min
Delta R.T.: 0.001 min
Response: 1113043
Conc: 3.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



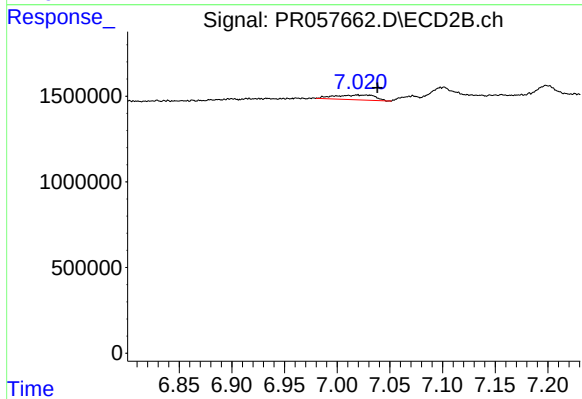
#37 AR-1262-2

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 297536
Conc: 2.38 ng/ml



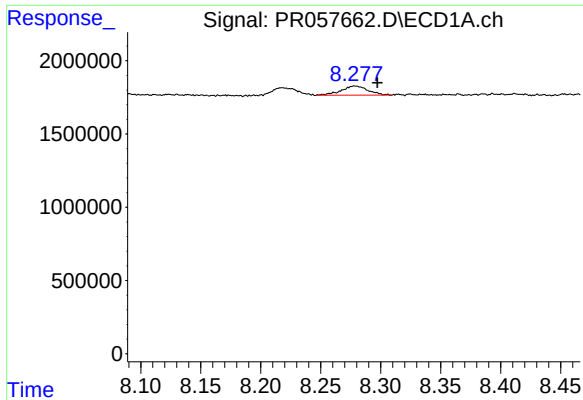
#38 AR-1262-3

R.T.: 8.218 min
Delta R.T.: 0.006 min
Response: 715411
Conc: 3.42 ng/ml



#38 AR-1262-3

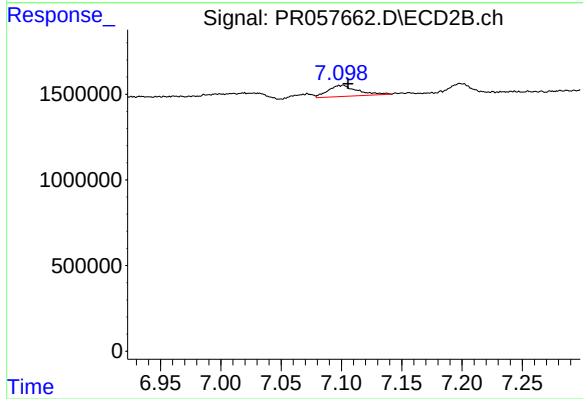
R.T.: 7.027 min
Delta R.T.: -0.011 min
Response: 743721
Conc: 7.30 ng/ml



#39 AR-1262-4

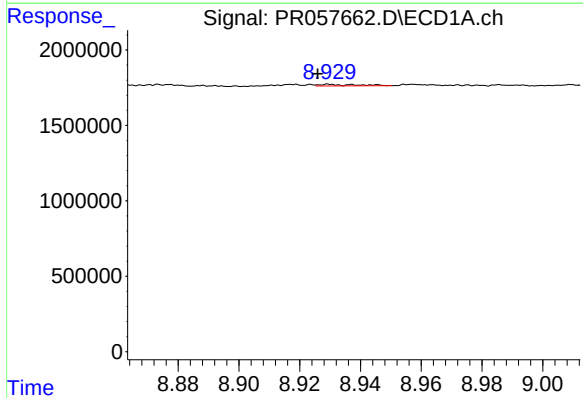
R.T.: 8.279 min
Delta R.T.: -0.019 min
Response: 968556
Conc: 11.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



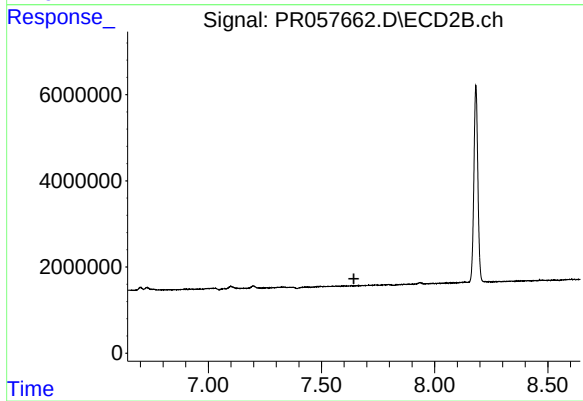
#39 AR-1262-4

R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 1095338
Conc: 5.30 ng/ml



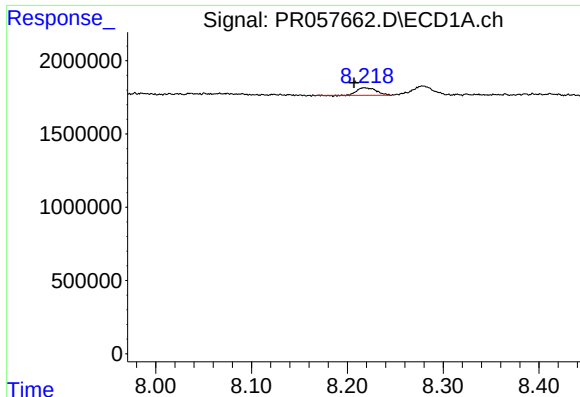
#40 AR-1262-5

R.T.: 8.930 min
Delta R.T.: 0.004 min
Response: 83782
Conc: 0.82 ng/ml



#40 AR-1262-5

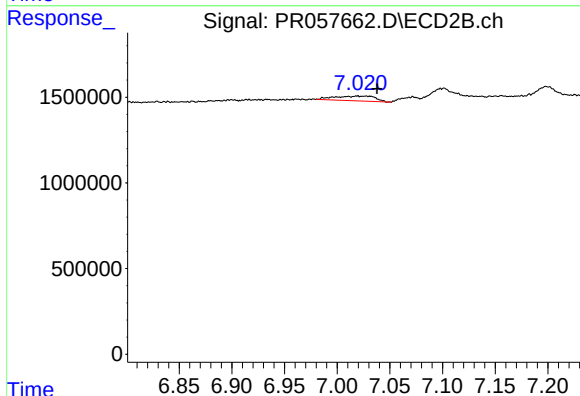
R.T.: 0.000 min
Exp R.T. : 7.643 min
Response: 0
Conc: N.D.



#41 AR-1268-1

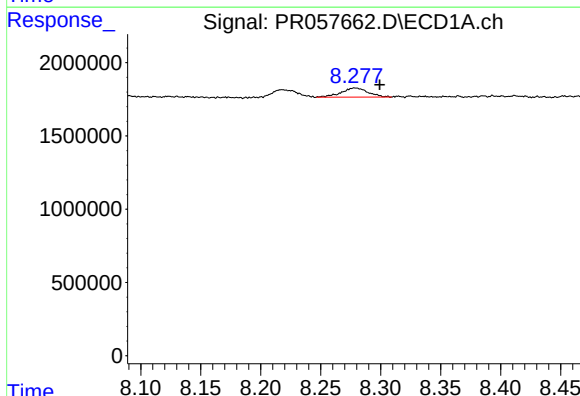
R.T.: 8.218 min
Delta R.T.: 0.011 min
Response: 715411
Conc: 2.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



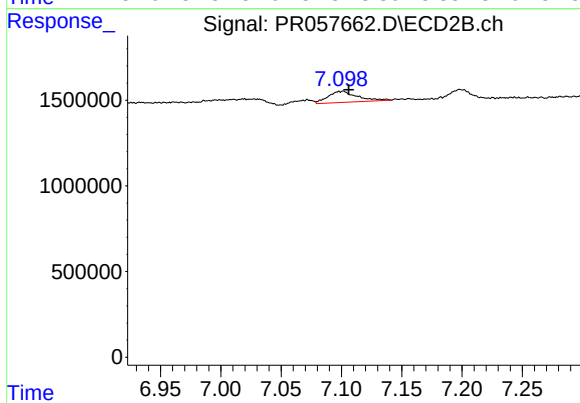
#41 AR-1268-1

R.T.: 7.027 min
Delta R.T.: -0.010 min
Response: 743721
Conc: 2.38 ng/ml



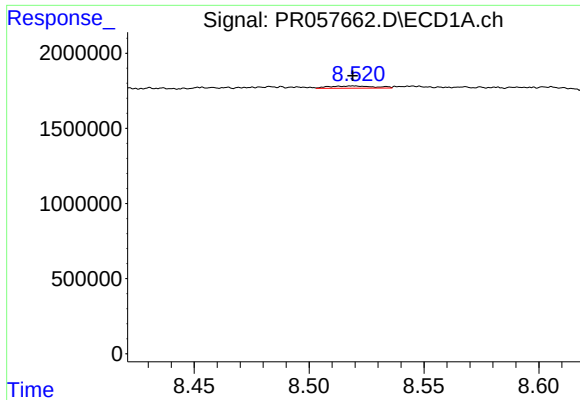
#42 AR-1268-2

R.T.: 8.279 min
Delta R.T.: -0.020 min
Response: 968556
Conc: 3.03 ng/ml



#42 AR-1268-2

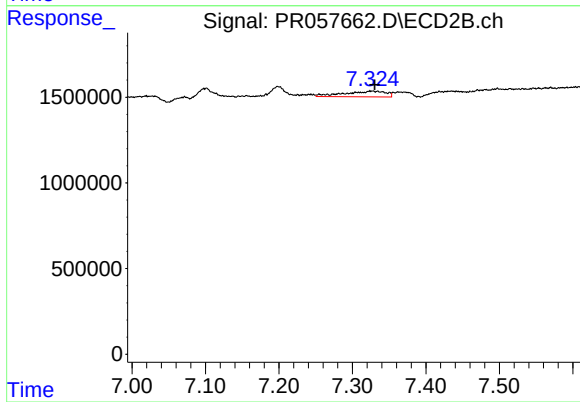
R.T.: 7.101 min
Delta R.T.: -0.005 min
Response: 1095338
Conc: 3.43 ng/ml



#43 AR-1268-3

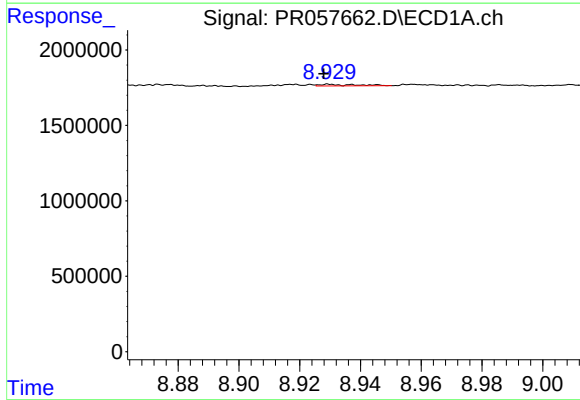
R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 206634
Conc: 0.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



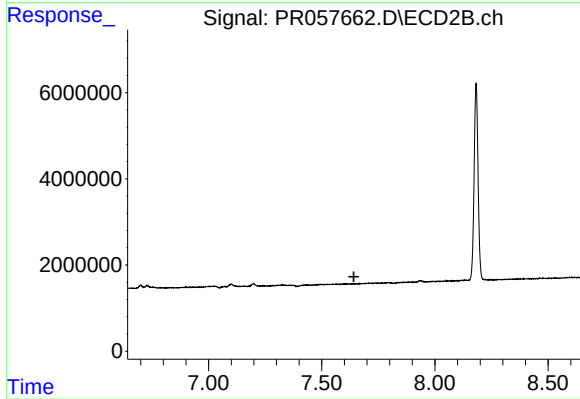
#43 AR-1268-3

R.T.: 7.324 min
Delta R.T.: -0.006 min
Response: 1285652
Conc: 4.72 ng/ml



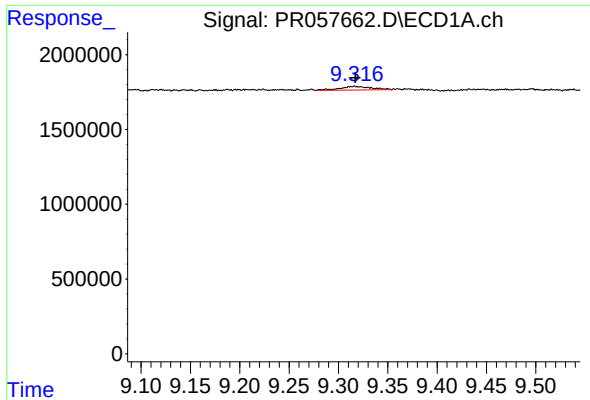
#44 AR-1268-4

R.T.: 8.930 min
Delta R.T.: 0.002 min
Response: 83782
Conc: 0.74 ng/ml



#44 AR-1268-4

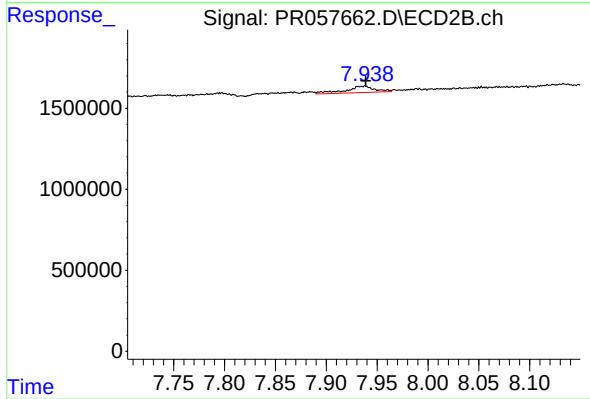
R.T.: 0.000 min
Exp R.T. : 7.642 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.317 min
Delta R.T.: 0.000 min
Response: 530940
Conc: 0.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 795072
Conc: 0.80 ng/ml