

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022223\
 Data File : PR059687.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2023 13:52
 Operator : YP\AJ
 Sample : 01631-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:37:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012723CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 27 08:44:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.691	2.906	35768741	49397697	13.185	12.423
2) SA Decachlor...	9.661	8.140	37967719	52727296	18.153	16.525
Target Compounds						
3) L1 AR-1016-1	4.946	4.011	637846	6663898	7.364	47.996 #
4) L1 AR-1016-2	4.946	4.011	637846	6663898	5.366	34.587 #
5) L1 AR-1016-3	5.039	4.207	1596659	100390	20.876	0.989 #
6) L1 AR-1016-4	5.088	4.264	5065748	2008010	81.420	26.145 #
7) L1 AR-1016-5	5.476	4.494	8290370	13962771	134.872	135.874
8) L2 AR-1221-1	0.000	3.122	0	148073	N.D.	3.339 #
9) L2 AR-1221-2	4.005	3.207	443201	937400	18.468	29.680 #
10) L2 AR-1221-3	4.101	3.293	335127	407409	4.485	3.762
11) L3 AR-1232-1	4.101	3.293	335127	407409	5.200	4.507
12) L3 AR-1232-2	4.631	4.011	914809	6663898	30.686	77.300 #
13) L3 AR-1232-3	4.946	4.207	637846	100390	11.338	2.275 #
14) L3 AR-1232-4	5.088	4.301	5065748	307153	175.184	8.035 #
15) L3 AR-1232-5	5.245	4.494	644462	13962771	30.442	313.741 #
16) L4 AR-1242-1	4.946	4.011	637846	6663898	8.650	58.002 #
17) L4 AR-1242-2	4.946	4.011	637846	6663898	6.309	41.737 #
18) L4 AR-1242-3	5.039	4.207	1596659	100390	24.465	1.192 #
19) L4 AR-1242-4	5.088	4.301	5065748	307153	94.952	3.855 #
20) L4 AR-1242-5	5.936	4.834	1656373	32364766	30.812	313.098 #
21) L5 AR-1248-1	4.946	4.011	637846	6663898	11.337	76.745 #
22) L5 AR-1248-2	5.245	4.264	644462	2008010	8.840	17.126 #
23) L5 AR-1248-3	5.407	4.301	17635912	307153	205.368	2.558 #
24) L5 AR-1248-4	5.867	4.494	53271533	13962771	559.792	94.811 #
25) L5 AR-1248-5	5.936	4.891	1656373	4214463	17.963	28.537 #
26) L6 AR-1254-1	5.867	4.834	53271533	32364766	563.961	143.669 #
27) L6 AR-1254-2	6.079	5.011	1825828	-1298471	12.506	N.D. #
28) L6 AR-1254-3	6.486	5.429	2379009	6512761	15.417	20.732 #
29) L6 AR-1254-4	6.790	5.670	1405422	1981966	12.151	10.232
30) L6 AR-1254-5	7.246	6.114	1519129	4631134	12.265	17.182 #
31) L7 AR-1260-1	6.655	5.576	1626980	23360086	13.895	109.325 #
32) L7 AR-1260-2	6.926	5.791	6889615	6851553	49.649	26.644 #
33) L7 AR-1260-3	7.330	5.945	524251	4008695	5.077	17.012 #
34) L7 AR-1260-4	7.579	6.424	194873	1461749	1.664	7.565 #
35) L7 AR-1260-5	7.920	6.696	708853	2270559	3.119	5.064 #
36) L8 AR-1262-1	7.330	6.162	524251	3160425	3.475	10.939 #
37) L8 AR-1262-2	7.920	6.424	708853	1461749	2.711	5.729 #
38) L8 AR-1262-3	8.231	7.001	420377	1768402	2.298	9.226 #
39) L8 AR-1262-4	8.301	7.067	378525	4095137	4.312	11.247 #
40) L8 AR-1262-5	8.953	7.598	1239454	531566	12.416	3.297 #
41) L9 AR-1268-1	8.231	7.001	420377	1768402	0.985	2.190 #

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Operator : YP\AJ
Sample : 01631-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

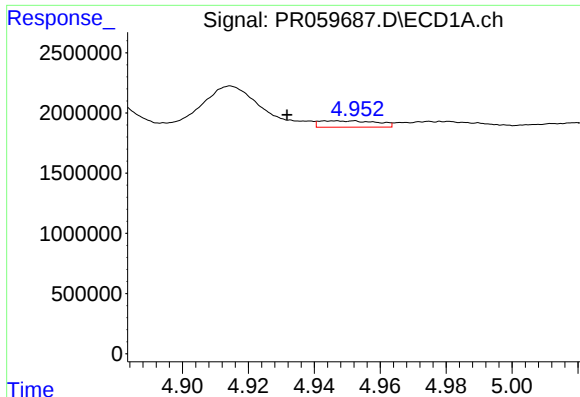
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 20:37:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012723CLP.M
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.301	7.067	378525	4095137	0.980	5.598 #
43)	L9 AR-1268-3	8.555	7.291	424932	409863	1.262	0.654 #
44)	L9 AR-1268-4	8.963	7.598	397361	531566	2.679	2.137
45)	L9 AR-1268-5	9.343	7.899	1054117	907690	0.974	0.466 #

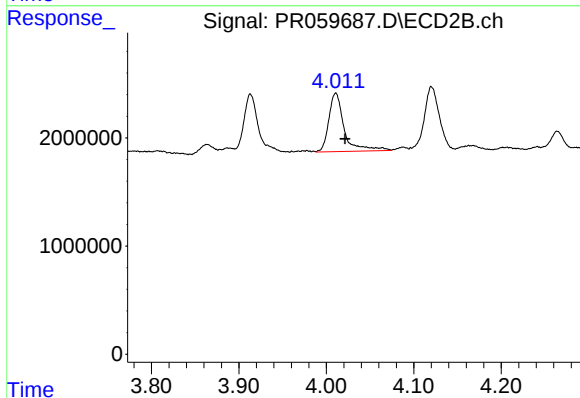
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

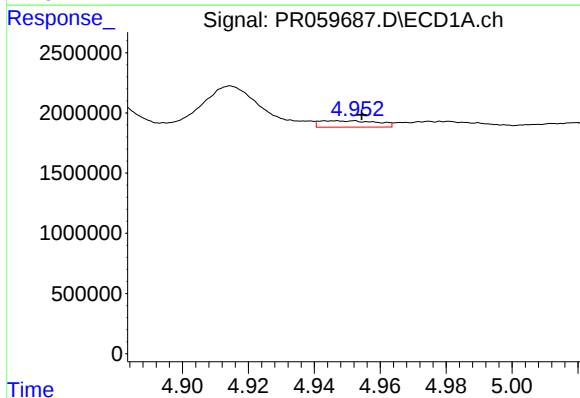
R.T.: 4.946 min
Delta R.T.: 0.014 min
Response: 637846
Conc: 7.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



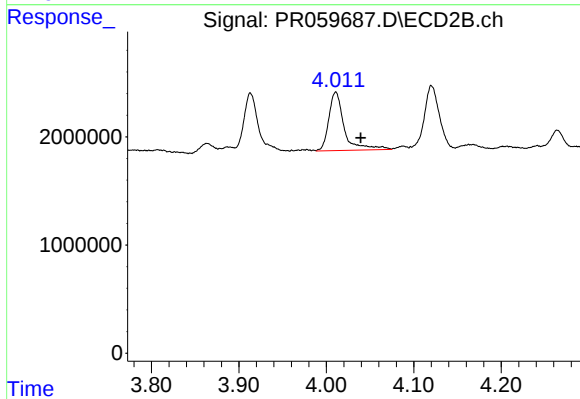
#3 AR-1016-1

R.T.: 4.011 min
Delta R.T.: -0.011 min
Response: 6663898
Conc: 48.00 ng/ml



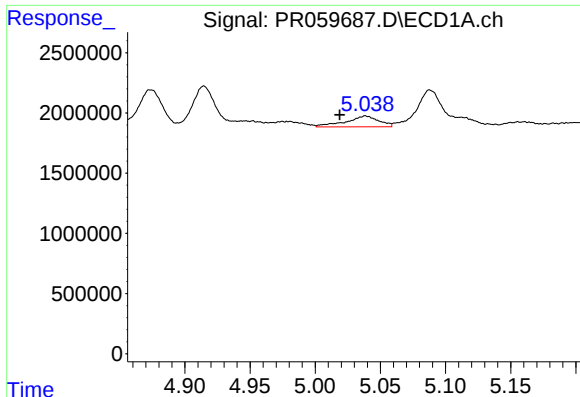
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.009 min
Response: 637846
Conc: 5.37 ng/ml



#4 AR-1016-2

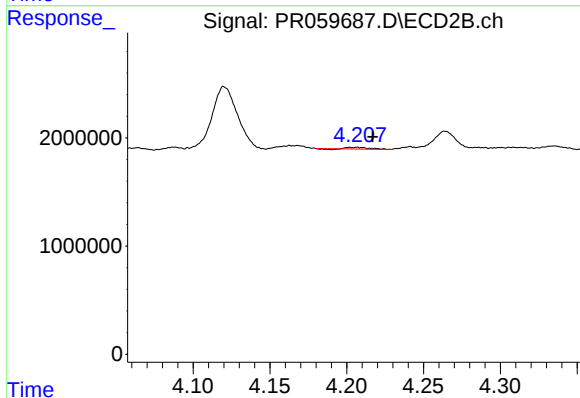
R.T.: 4.011 min
Delta R.T.: -0.028 min
Response: 6663898
Conc: 34.59 ng/ml



#5 AR-1016-3

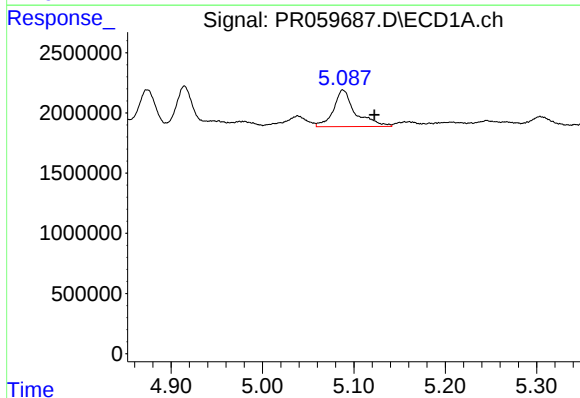
R.T.: 5.039 min
Delta R.T.: 0.020 min
Response: 1596659
Conc: 20.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



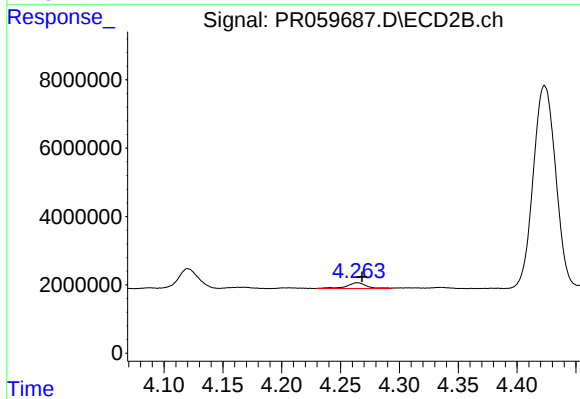
#5 AR-1016-3

R.T.: 4.207 min
Delta R.T.: -0.010 min
Response: 100390
Conc: 0.99 ng/ml



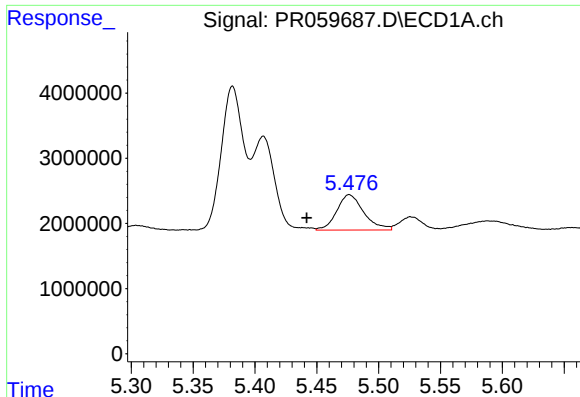
#6 AR-1016-4

R.T.: 5.088 min
Delta R.T.: -0.035 min
Response: 5065748
Conc: 81.42 ng/ml



#6 AR-1016-4

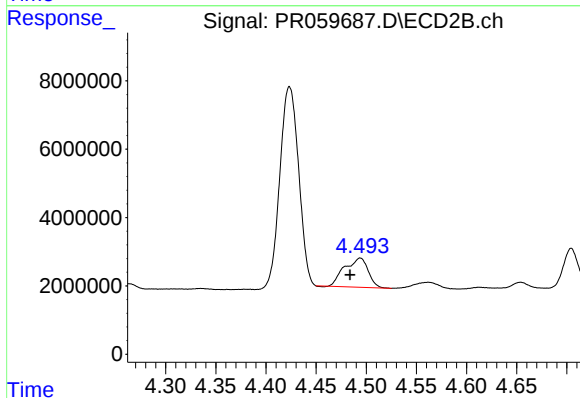
R.T.: 4.264 min
Delta R.T.: -0.004 min
Response: 2008010
Conc: 26.15 ng/ml



#7 AR-1016-5

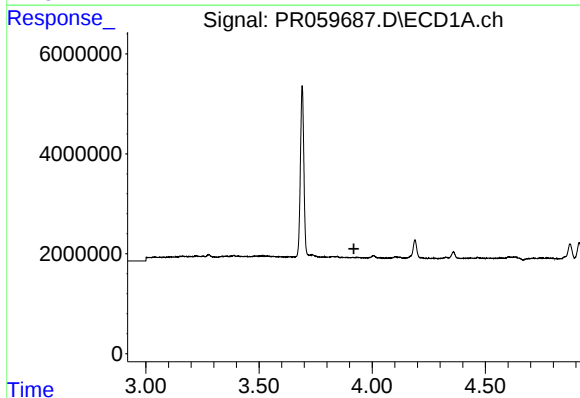
R.T.: 5.476 min
Delta R.T.: 0.034 min
Response: 8290370
Conc: 134.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



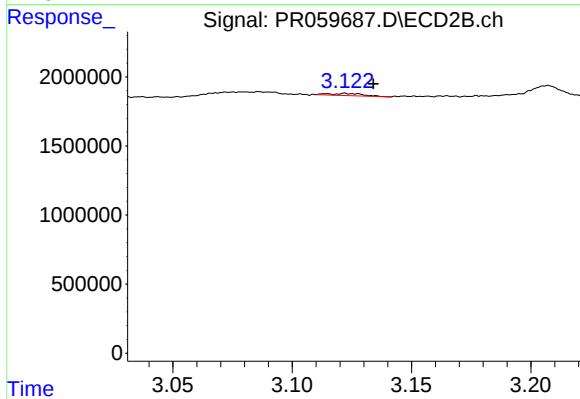
#7 AR-1016-5

R.T.: 4.494 min
Delta R.T.: 0.010 min
Response: 13962771
Conc: 135.87 ng/ml



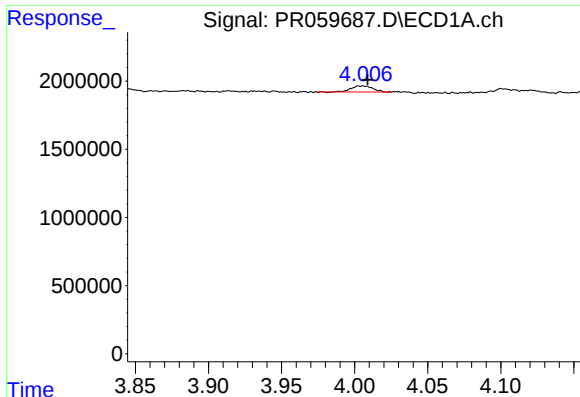
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.919 min
Response: 0
Conc: N.D.



#8 AR-1221-1

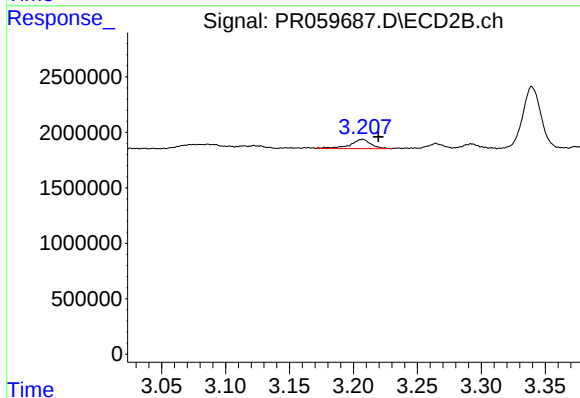
R.T.: 3.122 min
Delta R.T.: -0.012 min
Response: 148073
Conc: 3.34 ng/ml



#9 AR-1221-2

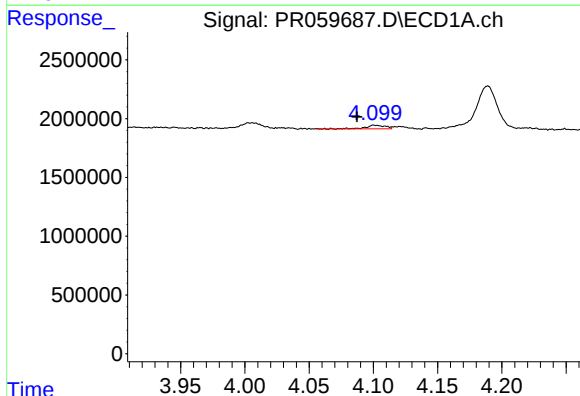
R.T.: 4.005 min
Delta R.T.: -0.004 min
Response: 443201
Conc: 18.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



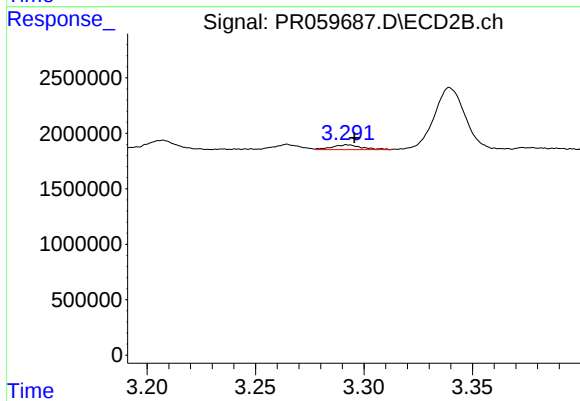
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.013 min
Response: 937400
Conc: 29.68 ng/ml



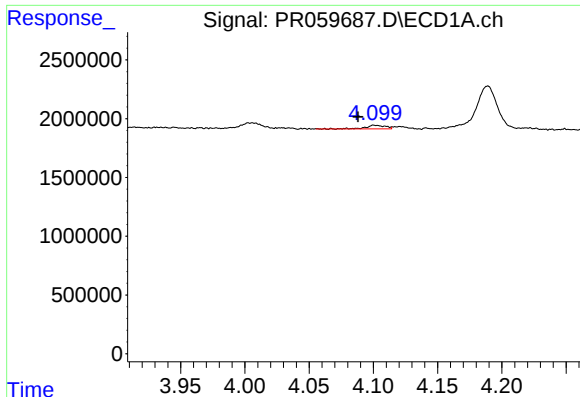
#10 AR-1221-3

R.T.: 4.101 min
Delta R.T.: 0.014 min
Response: 335127
Conc: 4.49 ng/ml



#10 AR-1221-3

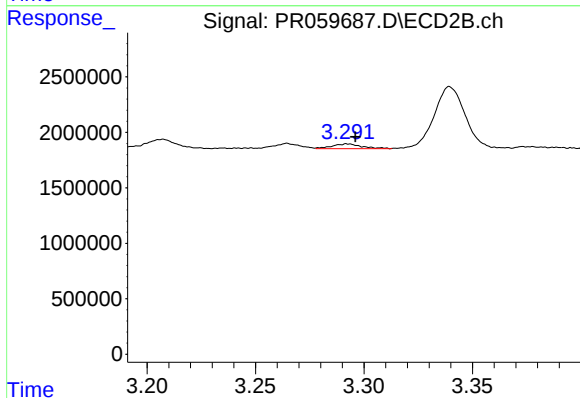
R.T.: 3.293 min
Delta R.T.: -0.003 min
Response: 407409
Conc: 3.76 ng/ml



#11 AR-1232-1

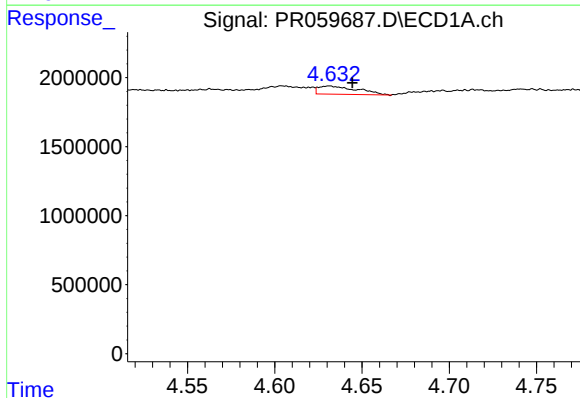
R.T.: 4.101 min
Delta R.T.: 0.013 min
Response: 335127
Conc: 5.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



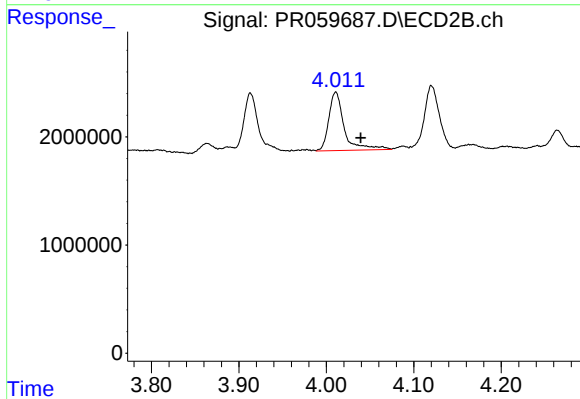
#11 AR-1232-1

R.T.: 3.293 min
Delta R.T.: -0.003 min
Response: 407409
Conc: 4.51 ng/ml



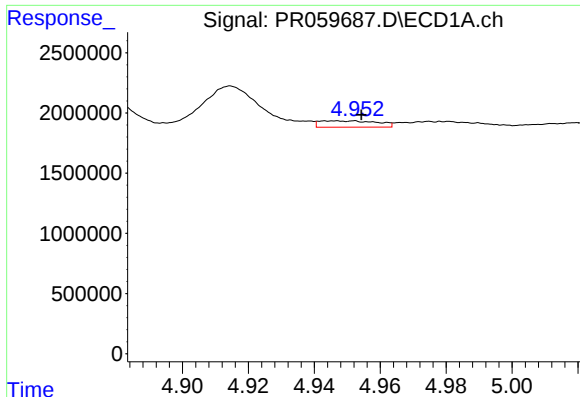
#12 AR-1232-2

R.T.: 4.631 min
Delta R.T.: -0.013 min
Response: 914809
Conc: 30.69 ng/ml



#12 AR-1232-2

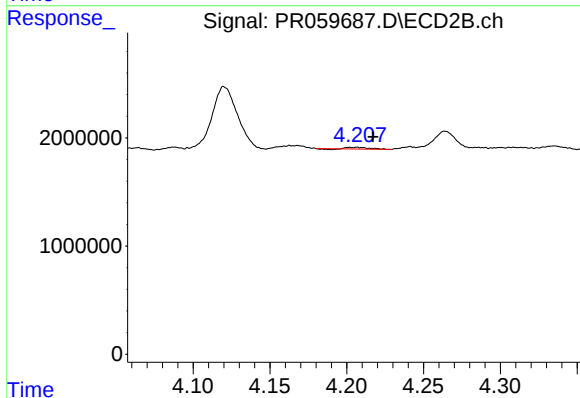
R.T.: 4.011 min
Delta R.T.: -0.029 min
Response: 6663898
Conc: 77.30 ng/ml



#13 AR-1232-3

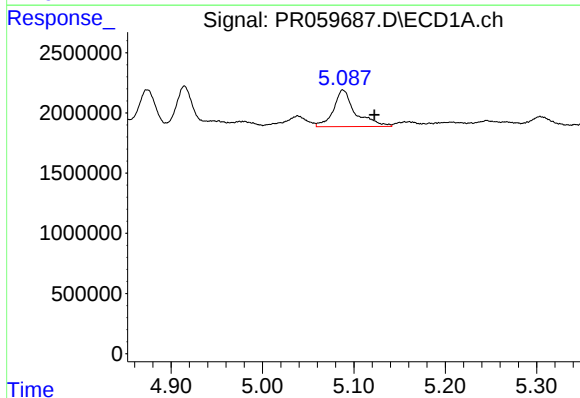
R.T.: 4.946 min
Delta R.T.: -0.009 min
Response: 637846
Conc: 11.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



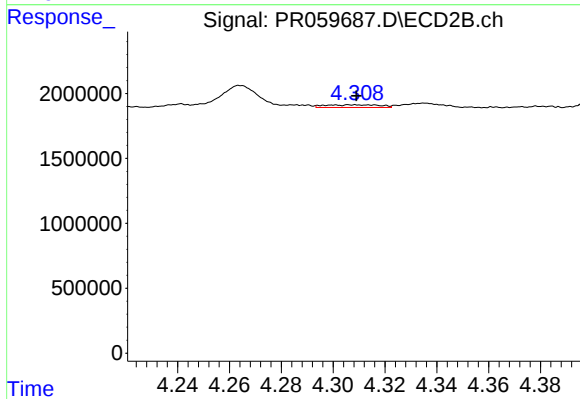
#13 AR-1232-3

R.T.: 4.207 min
Delta R.T.: -0.010 min
Response: 100390
Conc: 2.28 ng/ml



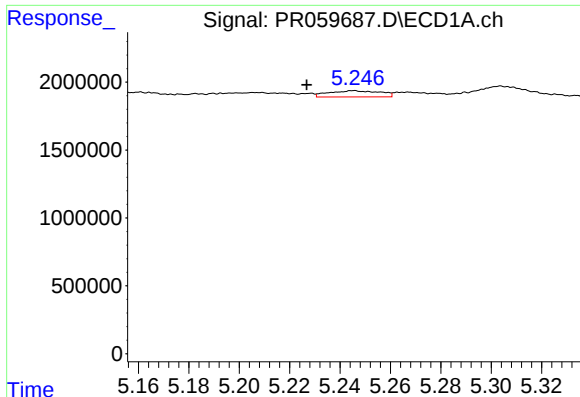
#14 AR-1232-4

R.T.: 5.088 min
Delta R.T.: -0.034 min
Response: 5065748
Conc: 175.18 ng/ml



#14 AR-1232-4

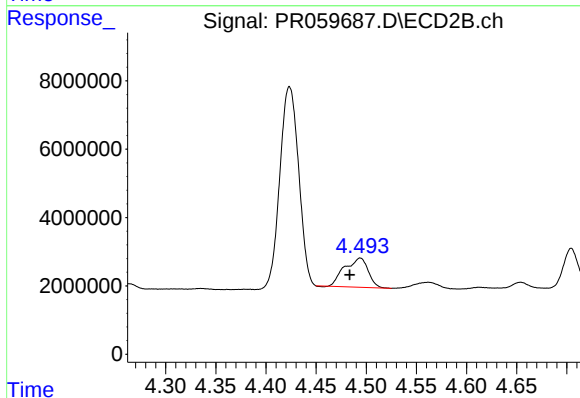
R.T.: 4.301 min
Delta R.T.: -0.008 min
Response: 307153
Conc: 8.04 ng/ml



#15 AR-1232-5

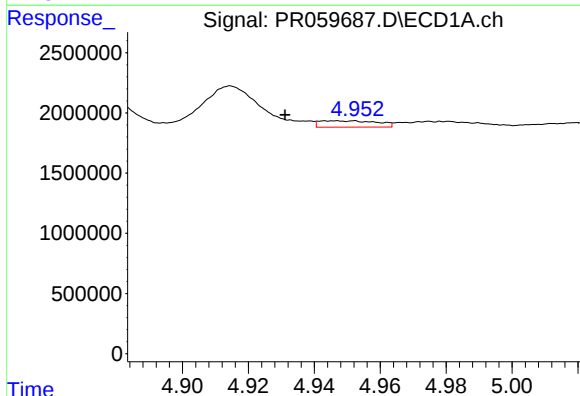
R.T.: 5.245 min
Delta R.T.: 0.019 min
Response: 644462
Conc: 30.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



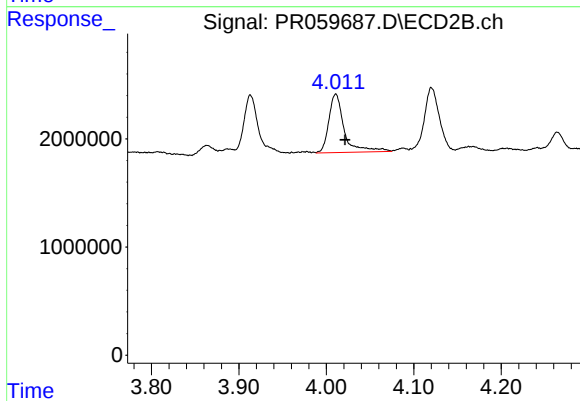
#15 AR-1232-5

R.T.: 4.494 min
Delta R.T.: 0.011 min
Response: 13962771
Conc: 313.74 ng/ml



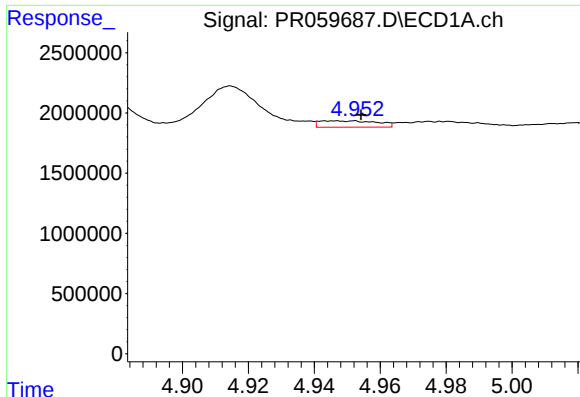
#16 AR-1242-1

R.T.: 4.946 min
Delta R.T.: 0.014 min
Response: 637846
Conc: 8.65 ng/ml



#16 AR-1242-1

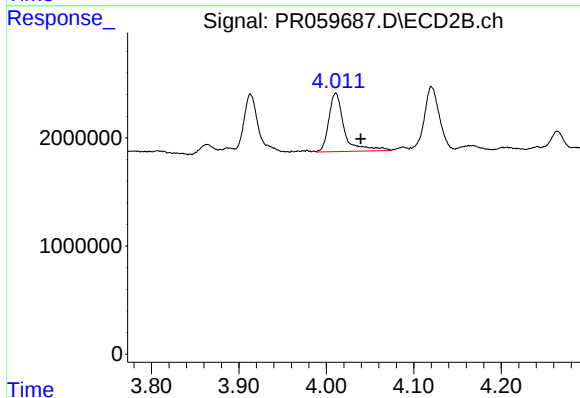
R.T.: 4.011 min
Delta R.T.: -0.011 min
Response: 6663898
Conc: 58.00 ng/ml



#17 AR-1242-2

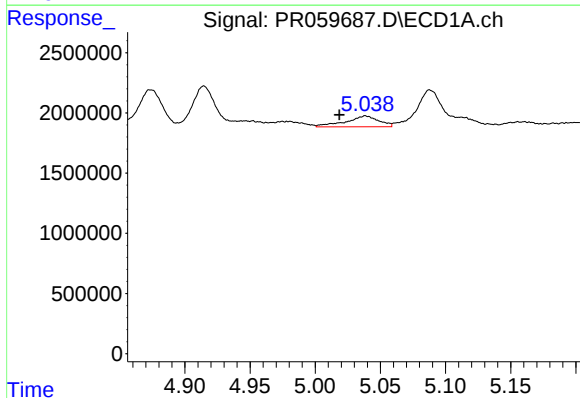
R.T.: 4.946 min
Delta R.T.: -0.009 min
Response: 637846
Conc: 6.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



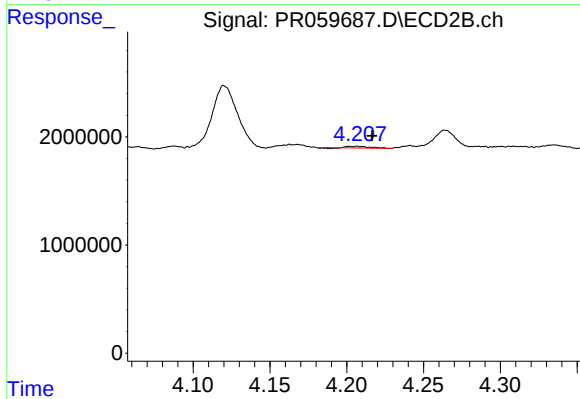
#17 AR-1242-2

R.T.: 4.011 min
Delta R.T.: -0.028 min
Response: 6663898
Conc: 41.74 ng/ml



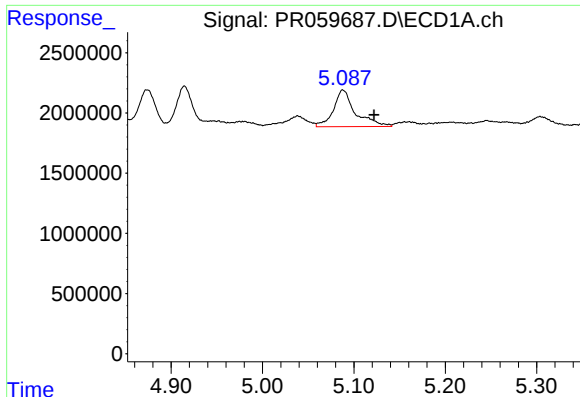
#18 AR-1242-3

R.T.: 5.039 min
Delta R.T.: 0.020 min
Response: 1596659
Conc: 24.47 ng/ml



#18 AR-1242-3

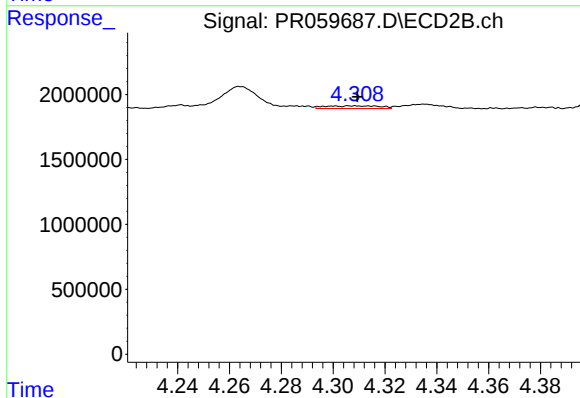
R.T.: 4.207 min
Delta R.T.: -0.010 min
Response: 100390
Conc: 1.19 ng/ml



#19 AR-1242-4

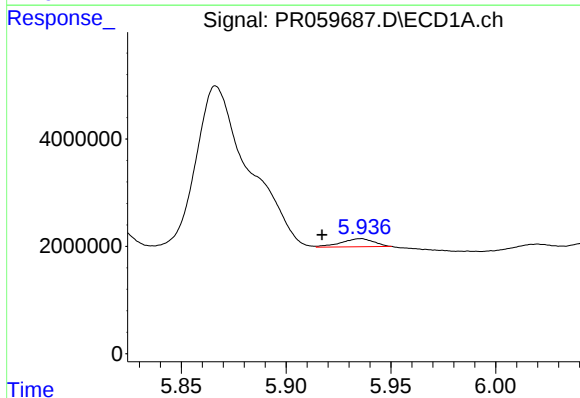
R.T.: 5.088 min
Delta R.T.: -0.034 min
Response: 5065748
Conc: 94.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



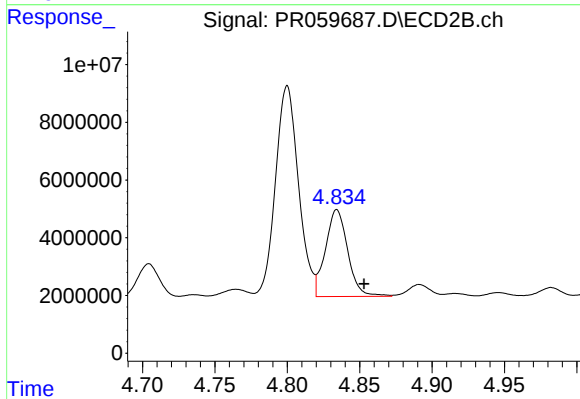
#19 AR-1242-4

R.T.: 4.301 min
Delta R.T.: -0.009 min
Response: 307153
Conc: 3.86 ng/ml



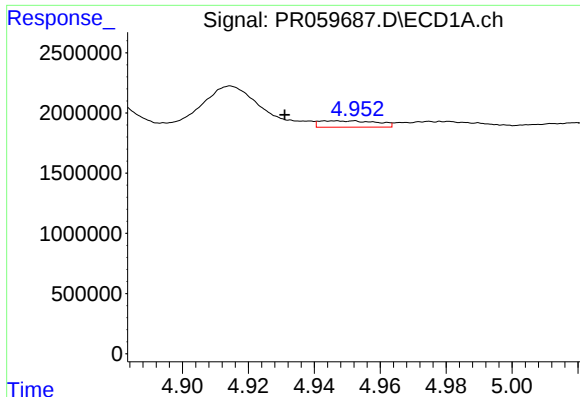
#20 AR-1242-5

R.T.: 5.936 min
Delta R.T.: 0.018 min
Response: 1656373
Conc: 30.81 ng/ml



#20 AR-1242-5

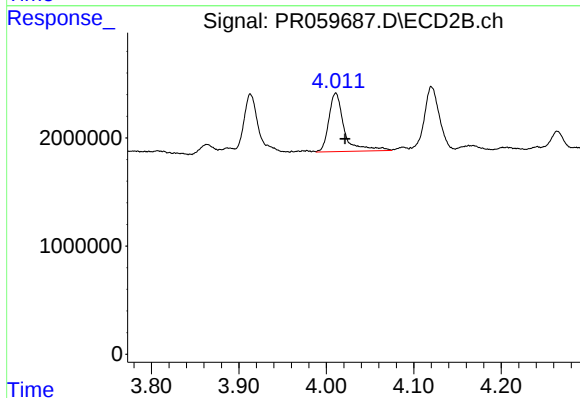
R.T.: 4.834 min
Delta R.T.: -0.019 min
Response: 32364766
Conc: 313.10 ng/ml



#21 AR-1248-1

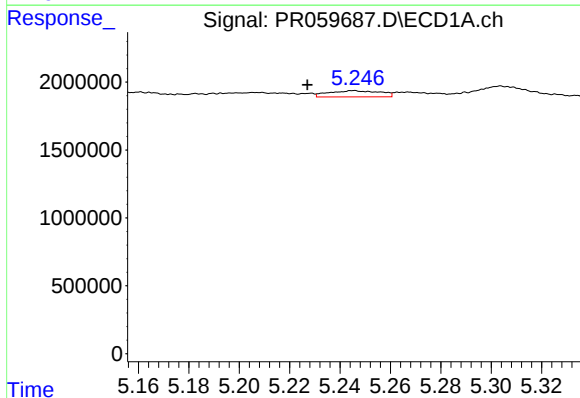
R.T.: 4.946 min
Delta R.T.: 0.015 min
Response: 637846
Conc: 11.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



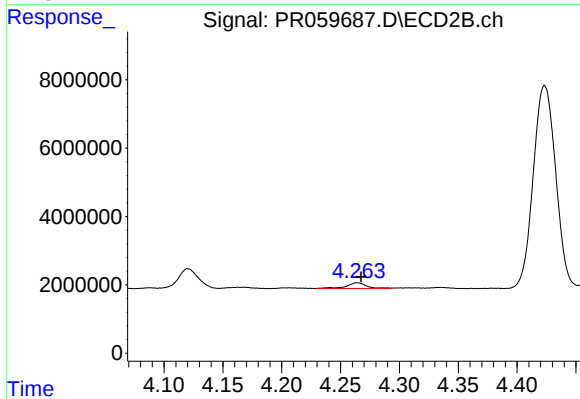
#21 AR-1248-1

R.T.: 4.011 min
Delta R.T.: -0.010 min
Response: 6663898
Conc: 76.75 ng/ml



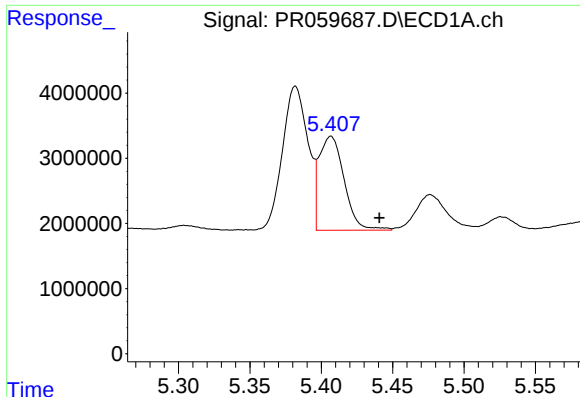
#22 AR-1248-2

R.T.: 5.245 min
Delta R.T.: 0.018 min
Response: 644462
Conc: 8.84 ng/ml



#22 AR-1248-2

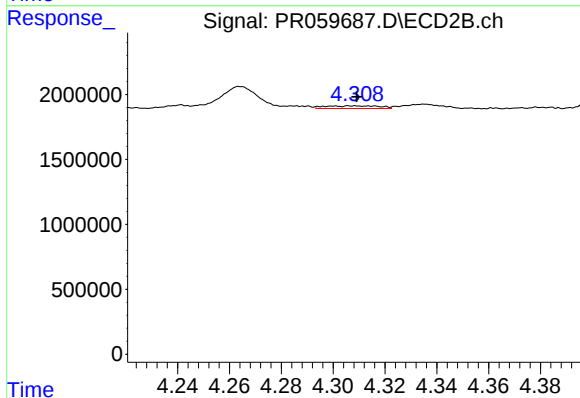
R.T.: 4.264 min
Delta R.T.: -0.003 min
Response: 2008010
Conc: 17.13 ng/ml



#23 AR-1248-3

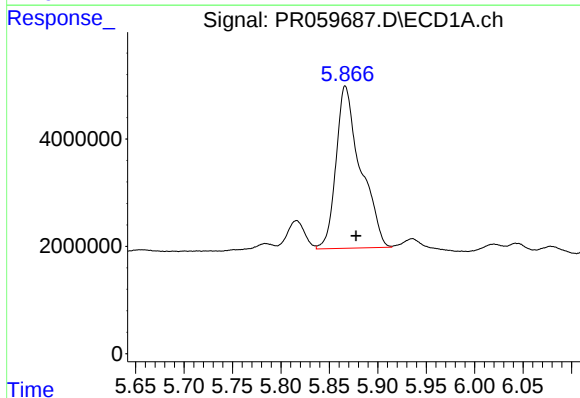
R.T.: 5.407 min
Delta R.T.: -0.034 min
Response: 17635912
Conc: 205.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



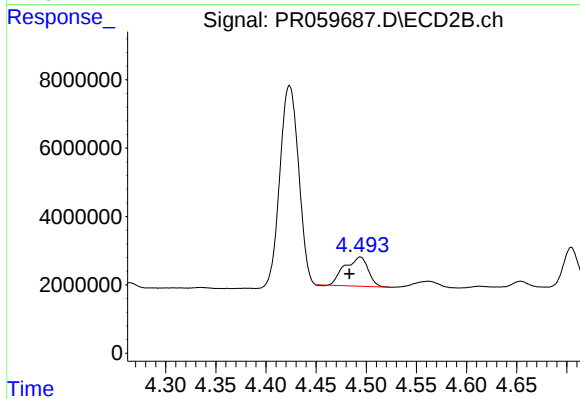
#23 AR-1248-3

R.T.: 4.301 min
Delta R.T.: -0.009 min
Response: 307153
Conc: 2.56 ng/ml



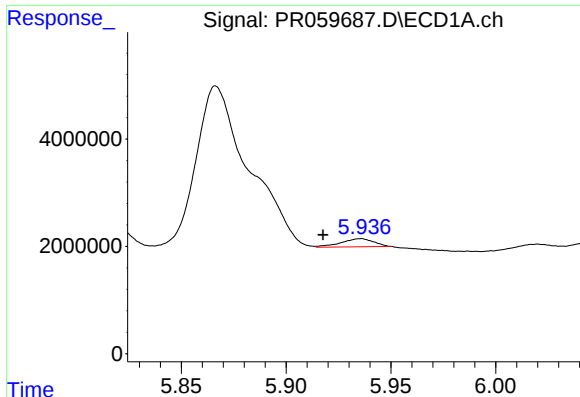
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.011 min
Response: 53271533
Conc: 559.79 ng/ml



#24 AR-1248-4

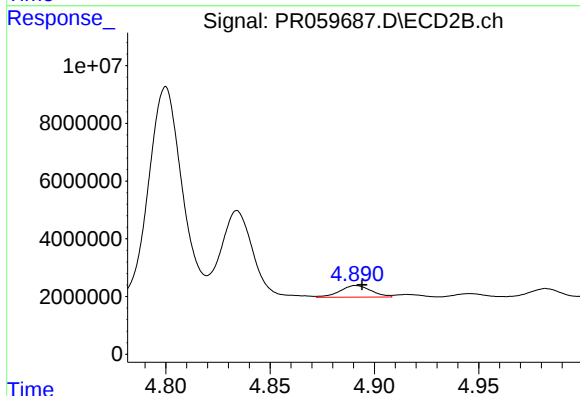
R.T.: 4.494 min
Delta R.T.: 0.011 min
Response: 13962771
Conc: 94.81 ng/ml



#25 AR-1248-5

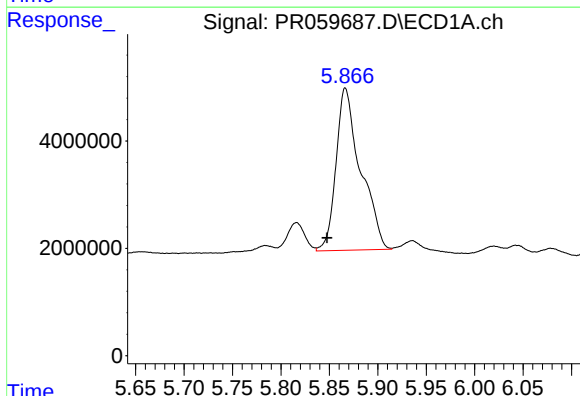
R.T.: 5.936 min
Delta R.T.: 0.018 min
Response: 1656373
Conc: 17.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



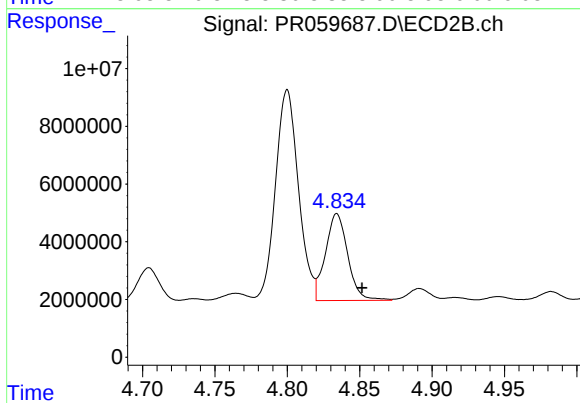
#25 AR-1248-5

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 4214463
Conc: 28.54 ng/ml



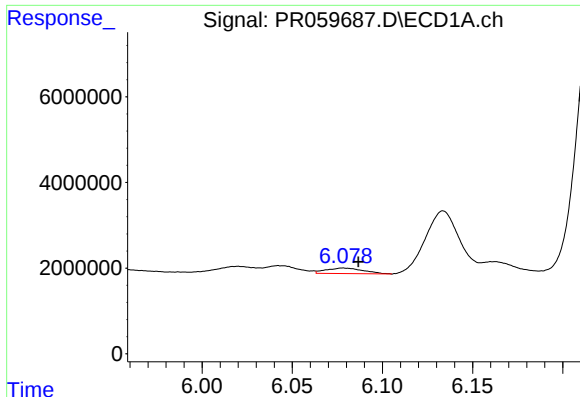
#26 AR-1254-1

R.T.: 5.867 min
Delta R.T.: 0.019 min
Response: 53271533
Conc: 563.96 ng/ml



#26 AR-1254-1

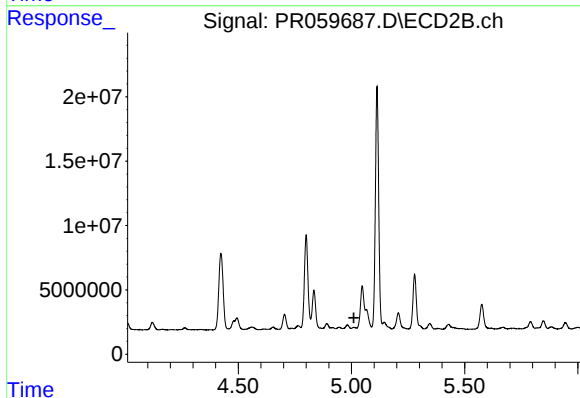
R.T.: 4.834 min
Delta R.T.: -0.018 min
Response: 32364766
Conc: 143.67 ng/ml



#27 AR-1254-2

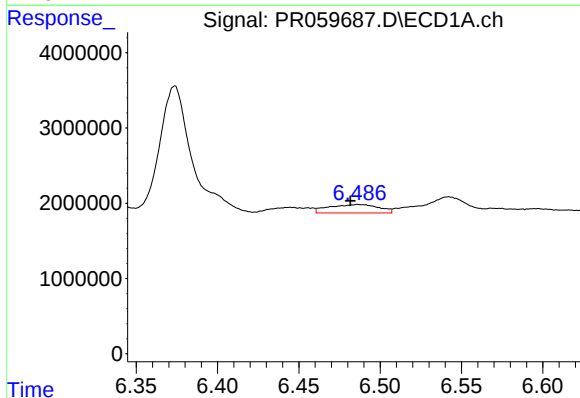
R.T.: 6.079 min
Delta R.T.: -0.008 min
Response: 1825828
Conc: 12.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



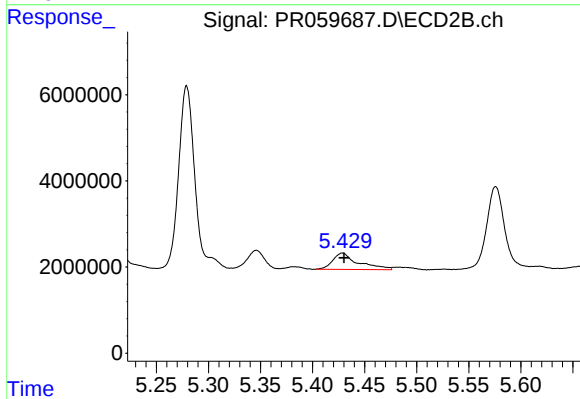
#27 AR-1254-2

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: -1298471
Conc: N.D.



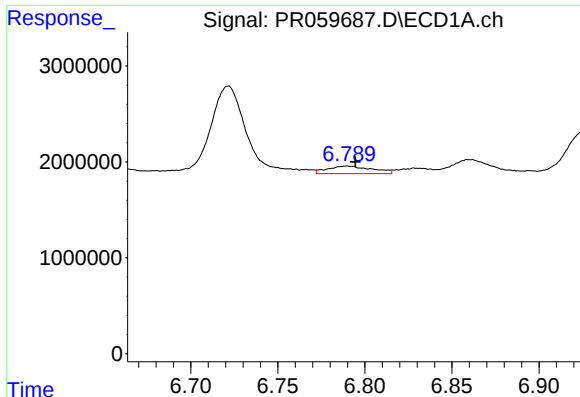
#28 AR-1254-3

R.T.: 6.486 min
Delta R.T.: 0.005 min
Response: 2379009
Conc: 15.42 ng/ml



#28 AR-1254-3

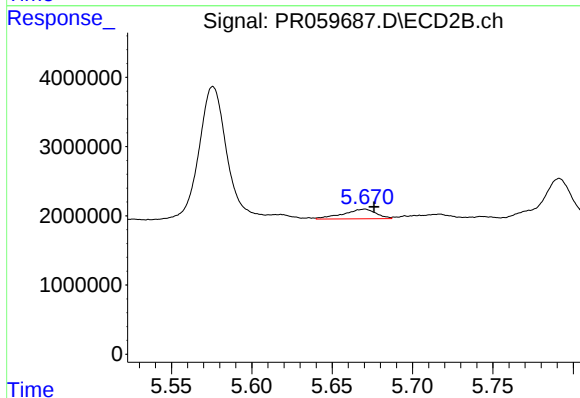
R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 6512761
Conc: 20.73 ng/ml



#29 AR-1254-4

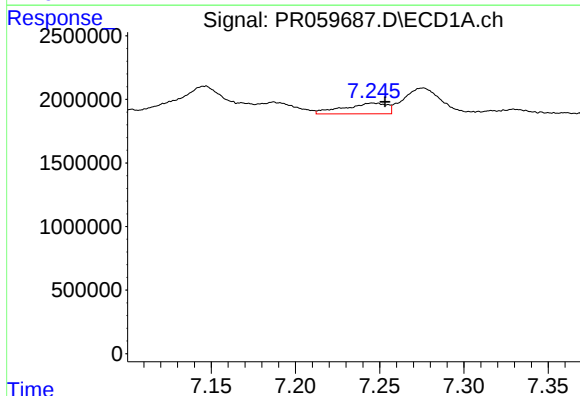
R.T.: 6.790 min
Delta R.T.: -0.005 min
Response: 1405422
Conc: 12.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



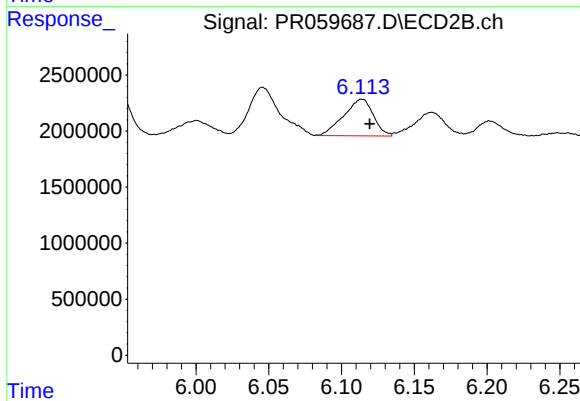
#29 AR-1254-4

R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 1981966
Conc: 10.23 ng/ml



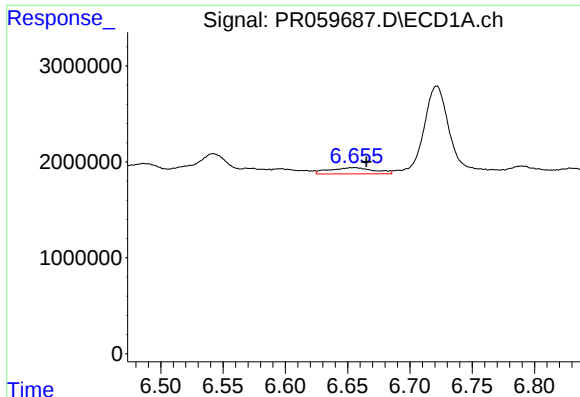
#30 AR-1254-5

R.T.: 7.246 min
Delta R.T.: -0.007 min
Response: 1519129
Conc: 12.27 ng/ml



#30 AR-1254-5

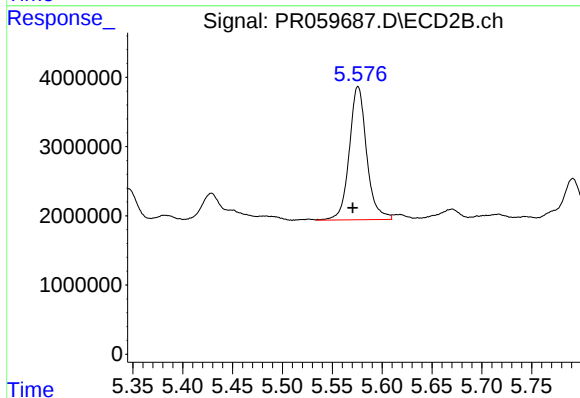
R.T.: 6.114 min
Delta R.T.: -0.005 min
Response: 4631134
Conc: 17.18 ng/ml



#31 AR-1260-1

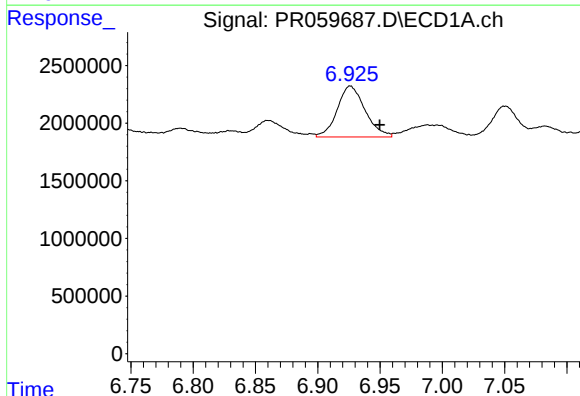
R.T.: 6.655 min
Delta R.T.: -0.010 min
Response: 1626980
Conc: 13.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



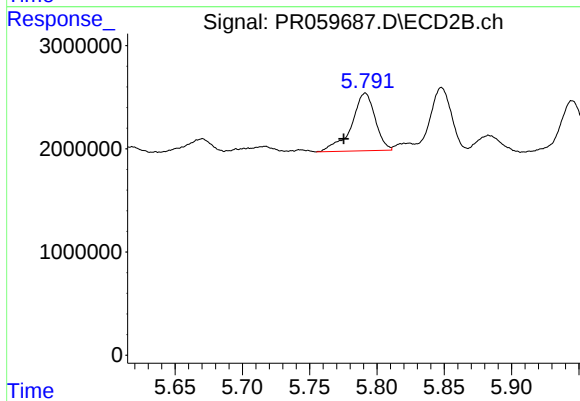
#31 AR-1260-1

R.T.: 5.576 min
Delta R.T.: 0.006 min
Response: 23360086
Conc: 109.33 ng/ml



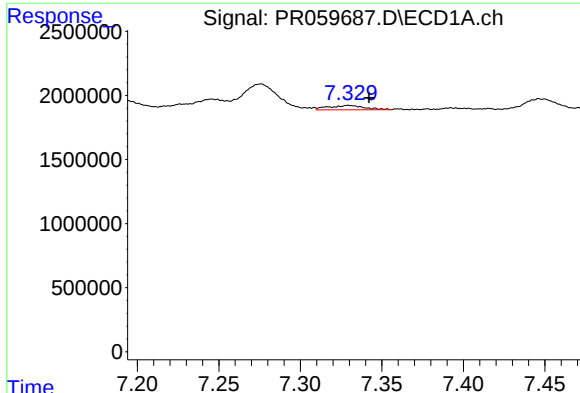
#32 AR-1260-2

R.T.: 6.926 min
Delta R.T.: -0.024 min
Response: 6889615
Conc: 49.65 ng/ml



#32 AR-1260-2

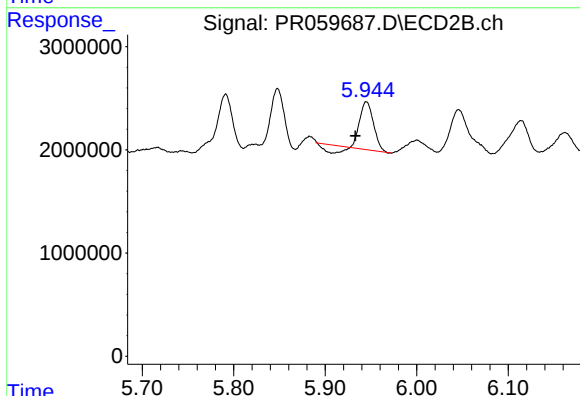
R.T.: 5.791 min
Delta R.T.: 0.016 min
Response: 6851553
Conc: 26.64 ng/ml



#33 AR-1260-3

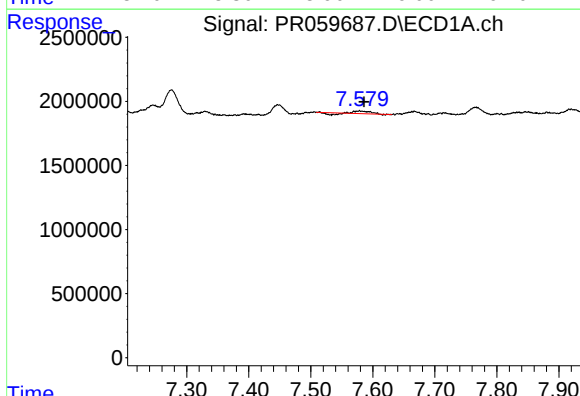
R.T.: 7.330 min
Delta R.T.: -0.012 min
Response: 524251
Conc: 5.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



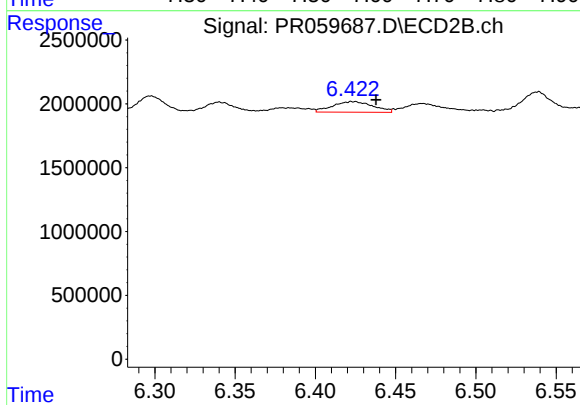
#33 AR-1260-3

R.T.: 5.945 min
Delta R.T.: 0.012 min
Response: 4008695
Conc: 17.01 ng/ml



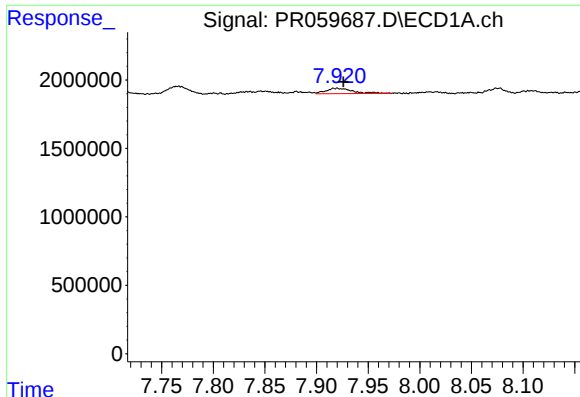
#34 AR-1260-4

R.T.: 7.579 min
Delta R.T.: -0.007 min
Response: 194873
Conc: 1.66 ng/ml



#34 AR-1260-4

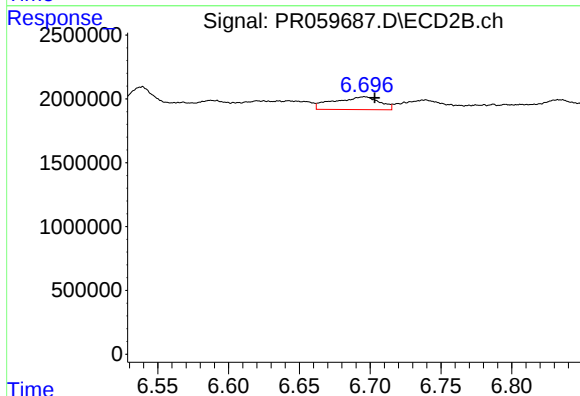
R.T.: 6.424 min
Delta R.T.: -0.014 min
Response: 1461749
Conc: 7.57 ng/ml



#35 AR-1260-5

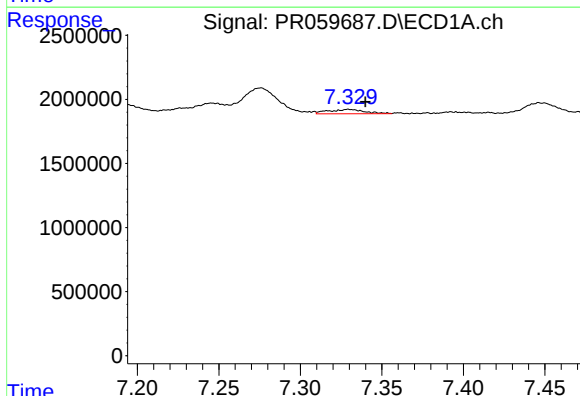
R.T.: 7.920 min
Delta R.T.: -0.006 min
Response: 708853
Conc: 3.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



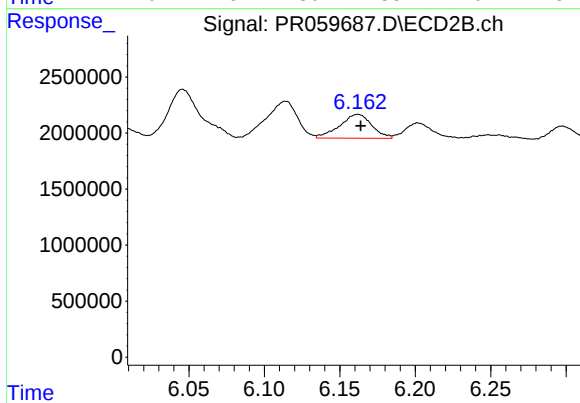
#35 AR-1260-5

R.T.: 6.696 min
Delta R.T.: -0.007 min
Response: 2270559
Conc: 5.06 ng/ml



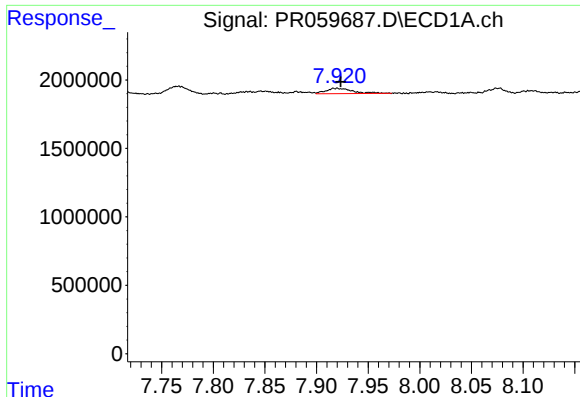
#36 AR-1262-1

R.T.: 7.330 min
Delta R.T.: -0.010 min
Response: 524251
Conc: 3.48 ng/ml



#36 AR-1262-1

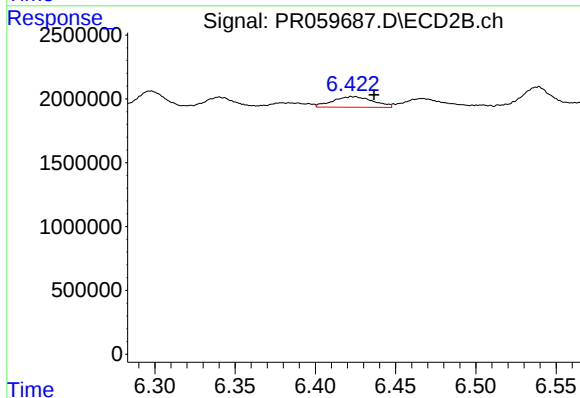
R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 3160425
Conc: 10.94 ng/ml



#37 AR-1262-2

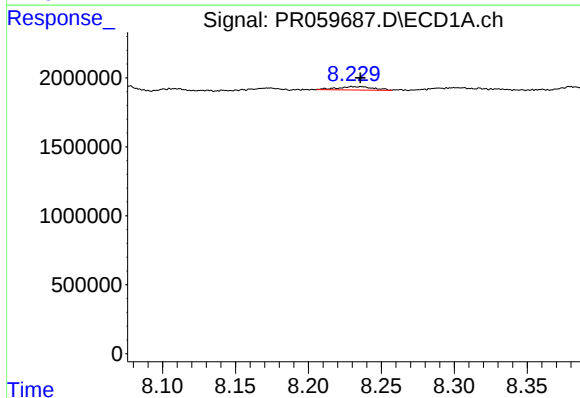
R.T.: 7.920 min
Delta R.T.: -0.004 min
Response: 708853
Conc: 2.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



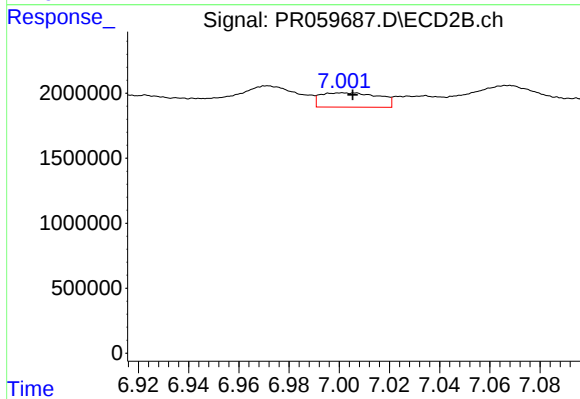
#37 AR-1262-2

R.T.: 6.424 min
Delta R.T.: -0.013 min
Response: 1461749
Conc: 5.73 ng/ml



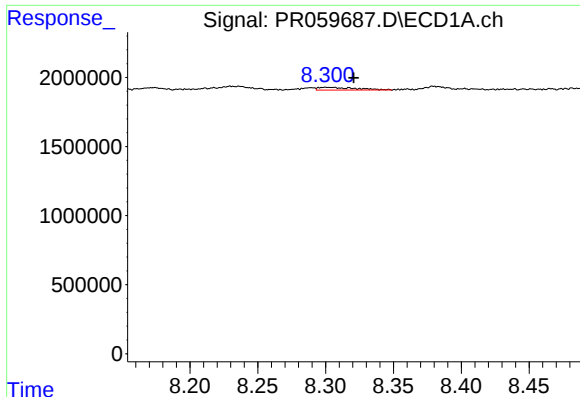
#38 AR-1262-3

R.T.: 8.231 min
Delta R.T.: -0.005 min
Response: 420377
Conc: 2.30 ng/ml



#38 AR-1262-3

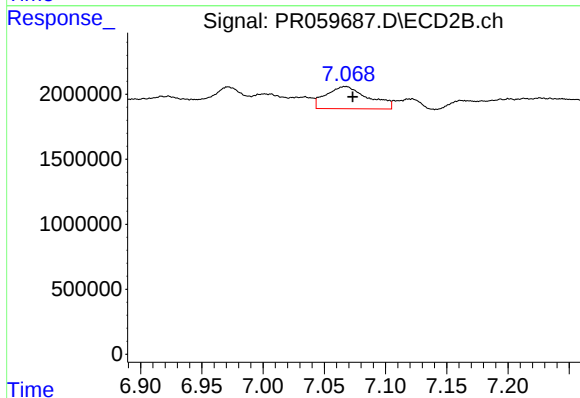
R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 1768402
Conc: 9.23 ng/ml



#39 AR-1262-4

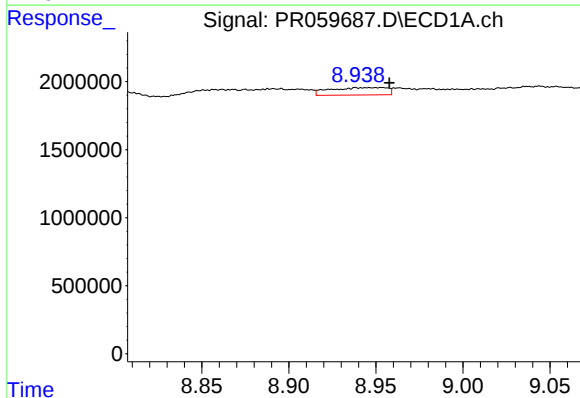
R.T.: 8.301 min
Delta R.T.: -0.020 min
Response: 378525
Conc: 4.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



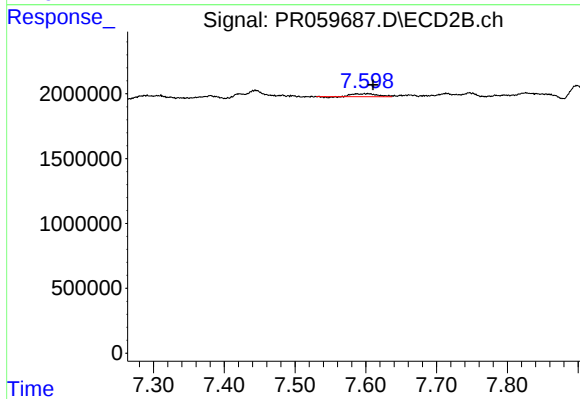
#39 AR-1262-4

R.T.: 7.067 min
Delta R.T.: -0.006 min
Response: 4095137
Conc: 11.25 ng/ml



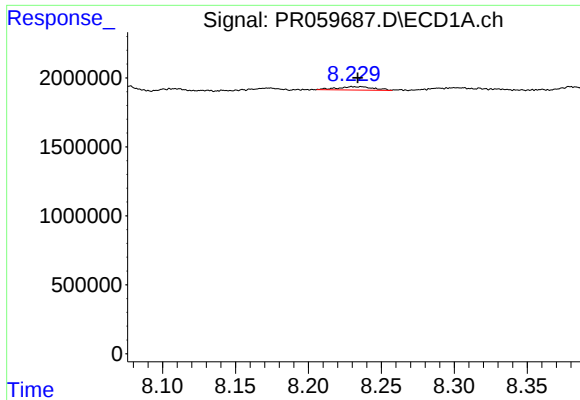
#40 AR-1262-5

R.T.: 8.953 min
Delta R.T.: -0.005 min
Response: 1239454
Conc: 12.42 ng/ml



#40 AR-1262-5

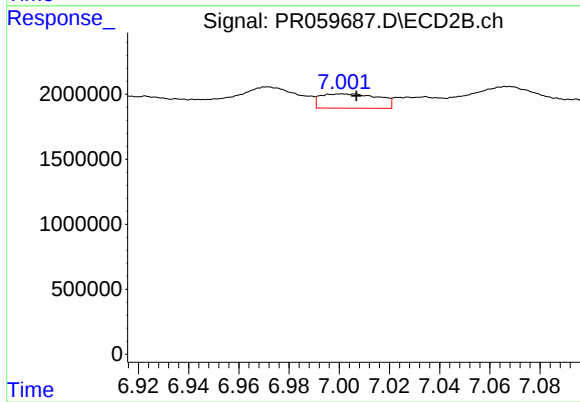
R.T.: 7.598 min
Delta R.T.: -0.012 min
Response: 531566
Conc: 3.30 ng/ml



#41 AR-1268-1

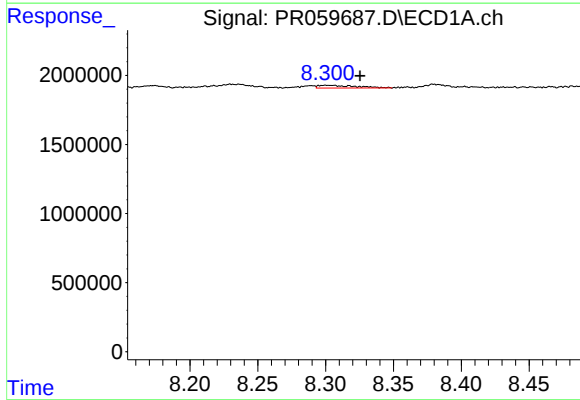
R.T.: 8.231 min
Delta R.T.: -0.003 min
Response: 420377
Conc: 0.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



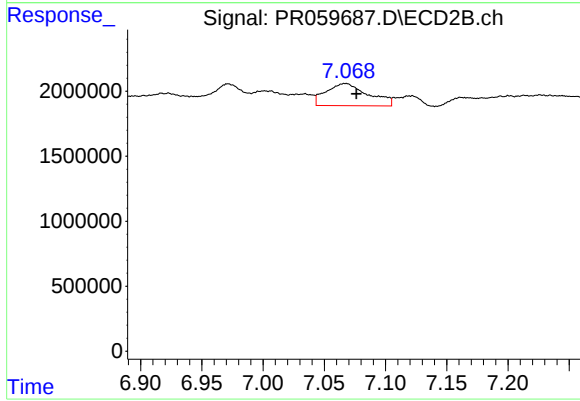
#41 AR-1268-1

R.T.: 7.001 min
Delta R.T.: -0.006 min
Response: 1768402
Conc: 2.19 ng/ml



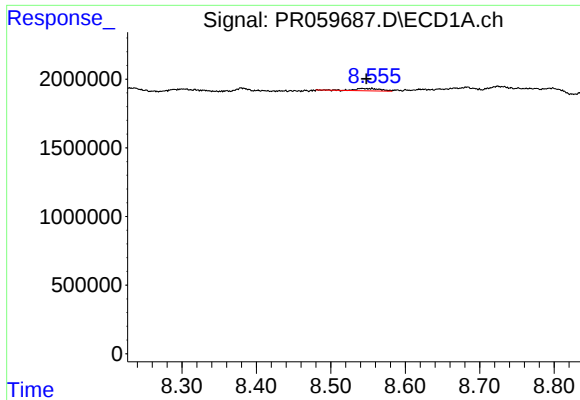
#42 AR-1268-2

R.T.: 8.301 min
Delta R.T.: -0.025 min
Response: 378525
Conc: 0.98 ng/ml



#42 AR-1268-2

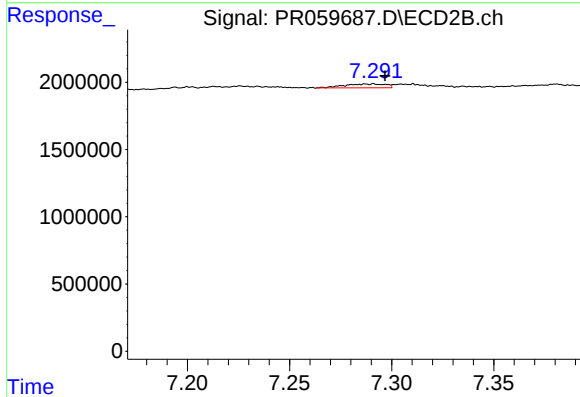
R.T.: 7.067 min
Delta R.T.: -0.009 min
Response: 4095137
Conc: 5.60 ng/ml



#43 AR-1268-3

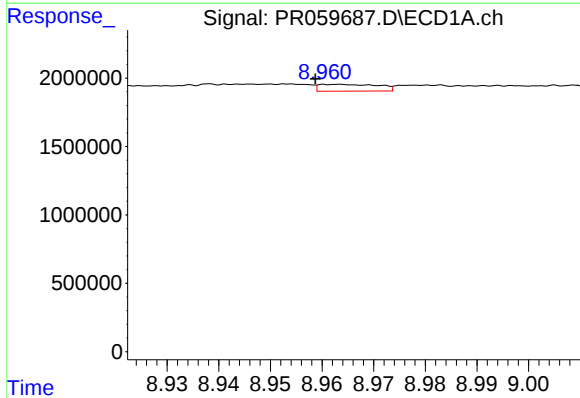
R.T.: 8.555 min
Delta R.T.: 0.007 min
Response: 424932
Conc: 1.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



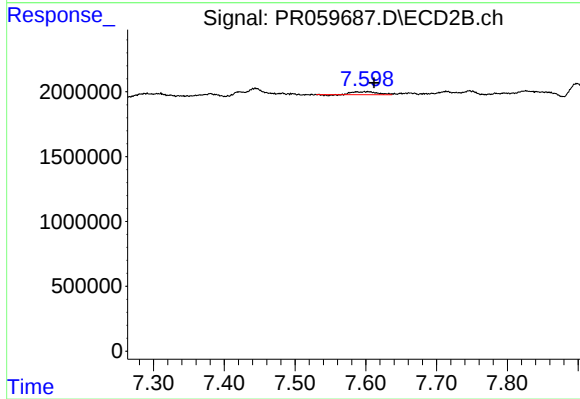
#43 AR-1268-3

R.T.: 7.291 min
Delta R.T.: -0.006 min
Response: 409863
Conc: 0.65 ng/ml



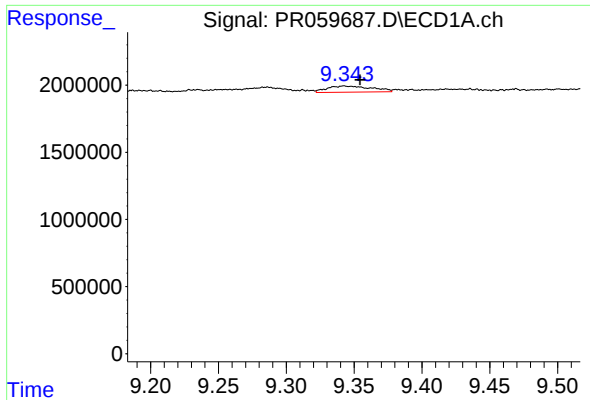
#44 AR-1268-4

R.T.: 8.963 min
Delta R.T.: 0.004 min
Response: 397361
Conc: 2.68 ng/ml



#44 AR-1268-4

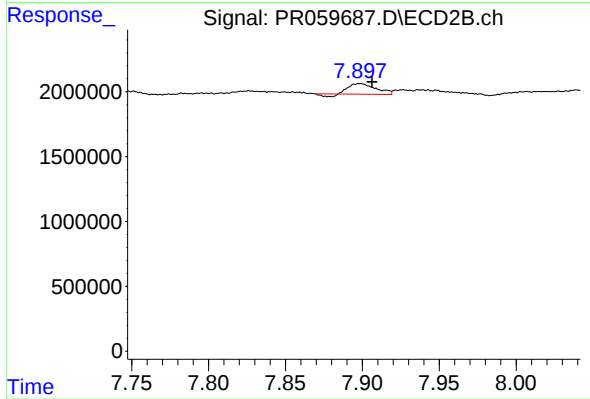
R.T.: 7.598 min
Delta R.T.: -0.014 min
Response: 531566
Conc: 2.14 ng/ml



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: -0.012 min
Response: 1054117
Conc: 0.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.899 min
Delta R.T.: -0.008 min
Response: 907690
Conc: 0.47 ng/ml