

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040422\
 Data File : P0085873.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Apr 2022 20:48
 Operator : YP\AJ
 Sample : N2237-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 03:44:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 30 16:55:12 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.488	3.587	3186379	749047	16.351	15.838
2)	SA Decachlor...	10.390	8.601	2323325	573168	18.106	16.325
Target Compounds							
3)	L1 AR-1016-1	5.631	4.652	1272503	3684	190.553	2.056 #
4)	L1 AR-1016-2	5.691	4.716	486737	3051	48.152	1.203 #
5)	L1 AR-1016-3	5.758	4.824	2383045	1691	393.045	1.216 #
6)	L1 AR-1016-4	5.896f	4.888	1268647	8936	259.863	7.625 #
7)	L1 AR-1016-5	6.157	5.109	89311	109735	19.648	81.010 #
8)	L2 AR-1221-1	4.699	3.813	556406	984	247.084	1.584 #
9)	L2 AR-1221-2	4.767	3.869	71788	18257	38.761	38.653
10)	L2 AR-1221-3	4.842	3.931	195269	2220	35.955	1.566 #
11)	L3 AR-1232-1	4.842	3.931	195269	2220	38.233	1.598 #
12)	L3 AR-1232-2	5.366	4.659	2826337	425	1078.960	0.328 #
13)	L3 AR-1232-3	5.672	4.824	1383689	1691	279.169	2.407 #
14)	L3 AR-1232-4	5.896f	4.937	1268647	826	516.378	1.265 #
15)	L3 AR-1232-5	5.957	5.109	614815	109735	312.365	144.963 #
16)	L4 AR-1242-1	5.631	4.652	1272503	3684	236.336	2.610 #
17)	L4 AR-1242-2	5.699	4.716	1821990	3051	224.422	1.565 #
18)	L4 AR-1242-3	5.758	4.824	2383045	1691	475.186	1.580 #
19)	L4 AR-1242-4	5.896f	4.937	1268647	826	320.746	0.761 #
20)	L4 AR-1242-5	6.578	0.000	39227	0	8.798	N.D. #
21)	L5 AR-1248-1	5.672	4.659	1383689	425	366.520	0.446 #
22)	L5 AR-1248-2	5.957	4.893	614815	7945	115.600	5.640 #
23)	L5 AR-1248-3	6.157	4.937	89311	826	15.012	0.578 #
24)	L5 AR-1248-4	6.535	5.109	41272	109735	8.139	64.705 #
25)	L5 AR-1248-5	6.598	0.000	17033	0	2.692	N.D. #
26)	L6 AR-1254-1	6.540	0.000	22862	0	3.288	N.D. #
27)	L6 AR-1254-2	6.763	0.000	87926	0	8.209	N.D. #
28)	L6 AR-1254-3	7.168f	6.024	389879	3697	34.875	1.020 #
29)	L6 AR-1254-4	7.428	6.249	57818	14695	7.256	6.549
30)	L6 AR-1254-5	7.871	6.675	492058	54085	60.906	17.146 #
31)	L7 AR-1260-1	7.298	6.159	325186	58141	40.599	23.284 #
32)	L7 AR-1260-2	7.554	6.302	36984	12796	3.942	4.206
33)	L7 AR-1260-3	7.949f	6.503	1862127	28520	263.925	10.391 #
34)	L7 AR-1260-4	8.137	6.974	97932	19009	12.438	8.293 #
35)	L7 AR-1260-5	8.442	7.217	658763	44906	42.881	8.882 #
36)	L8 AR-1262-1	7.871	6.768	492058	13419	45.089	9.091 #
37)	L8 AR-1262-2	8.442	6.974	658763	19009	34.734	6.536 #
38)	L8 AR-1262-3	8.808	7.504	122812	46833	10.816	9.133
39)	L8 AR-1262-4	8.862	7.567	3964	39830	0.727	7.869 #
40)	L8 AR-1262-5	9.594	8.065	66615	10289	10.718	5.669 #
41)	L9 AR-1268-1	8.808	7.504	122812	46833	5.986	4.707

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Acq On : 04 Apr 2022 20:48
Operator : YP\AJ
Sample : N2237-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

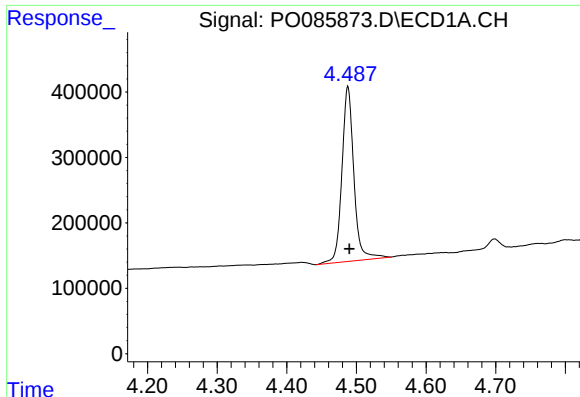
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 03:44:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032822.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	8.862	7.567	3964	39830	0.196	5.745 #
43)	L9 AR-1268-3	9.152	7.775	83310	16749	5.079	3.584 #
44)	L9 AR-1268-4	9.594	8.065	66615	10289	9.472	4.915 #
45)	L9 AR-1268-5	9.982	8.351	2949	40707	0.052	3.018 #

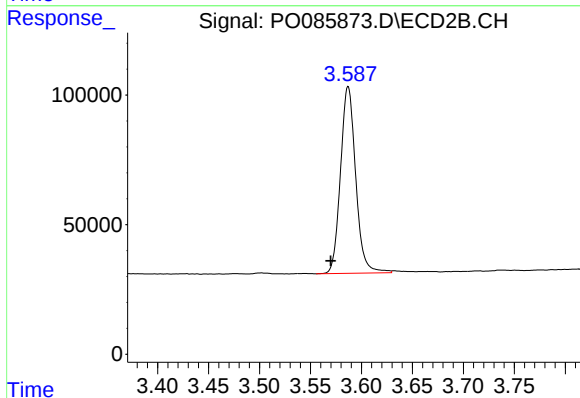
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

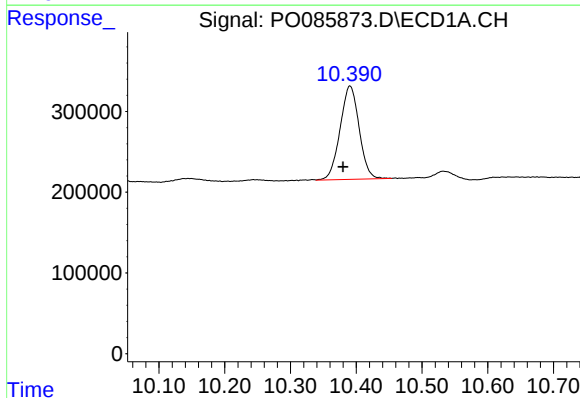
R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 3186379
Conc: 16.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



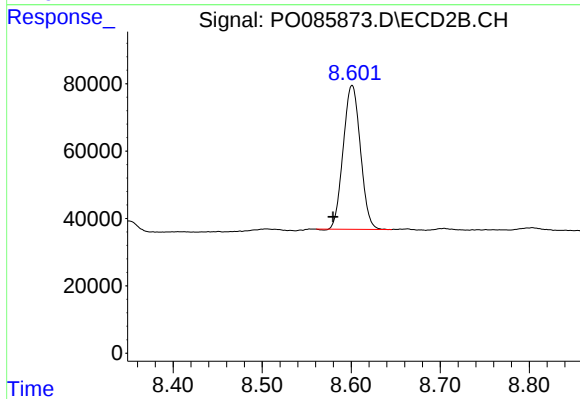
#1 Tetrachloro-m-xylene

R.T.: 3.587 min
Delta R.T.: 0.017 min
Response: 749047
Conc: 15.84 ng/ml



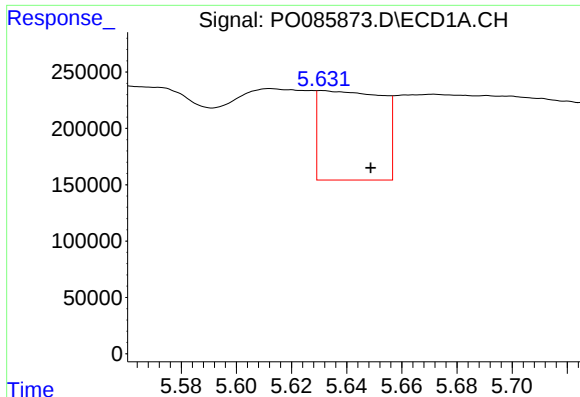
#2 Decachlorobiphenyl

R.T.: 10.390 min
Delta R.T.: 0.010 min
Response: 2323325
Conc: 18.11 ng/ml



#2 Decachlorobiphenyl

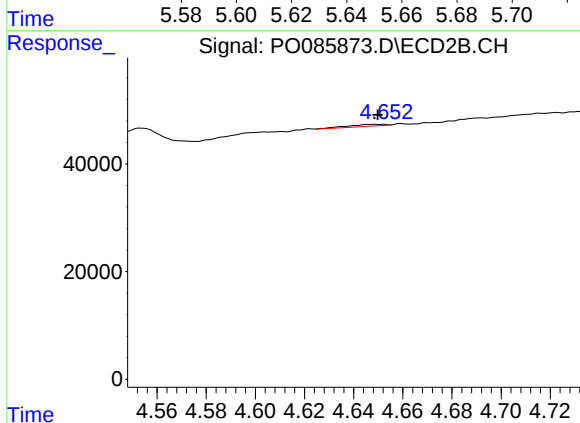
R.T.: 8.601 min
Delta R.T.: 0.021 min
Response: 573168
Conc: 16.32 ng/ml



#3 AR-1016-1

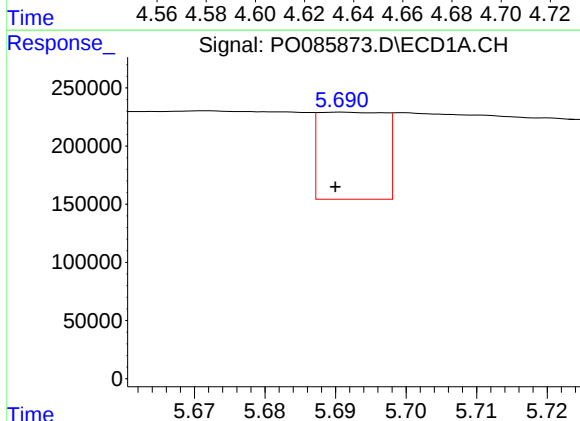
R.T.: 5.631 min
Delta R.T.: -0.018 min
Response: 1272503
Conc: 190.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



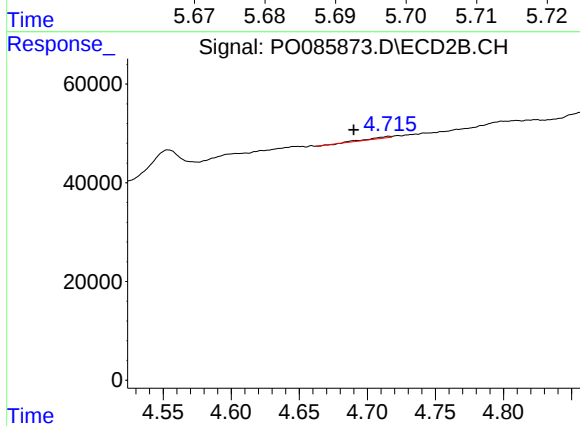
#3 AR-1016-1

R.T.: 4.652 min
Delta R.T.: 0.003 min
Response: 3684
Conc: 2.06 ng/ml



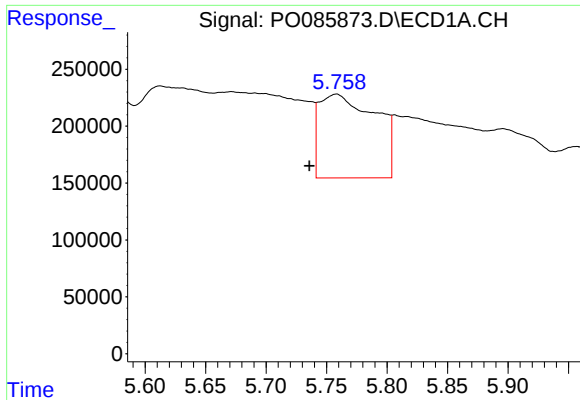
#4 AR-1016-2

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 486737
Conc: 48.15 ng/ml



#4 AR-1016-2

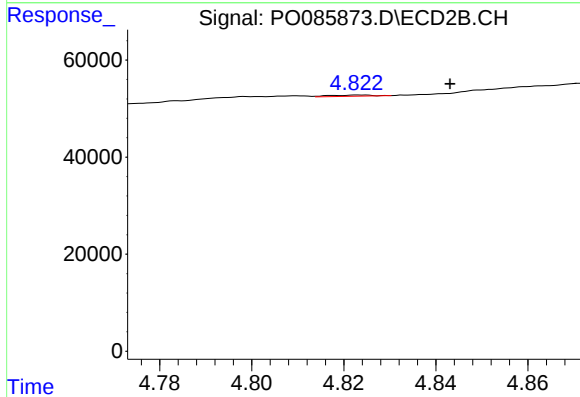
R.T.: 4.716 min
Delta R.T.: 0.026 min
Response: 3051
Conc: 1.20 ng/ml



#5 AR-1016-3

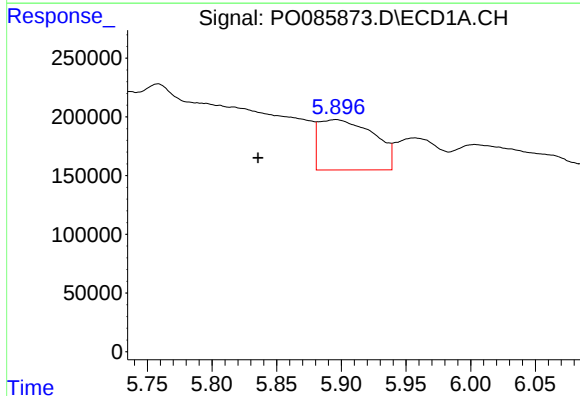
R.T.: 5.758 min
Delta R.T.: 0.023 min
Response: 2383045
Conc: 393.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



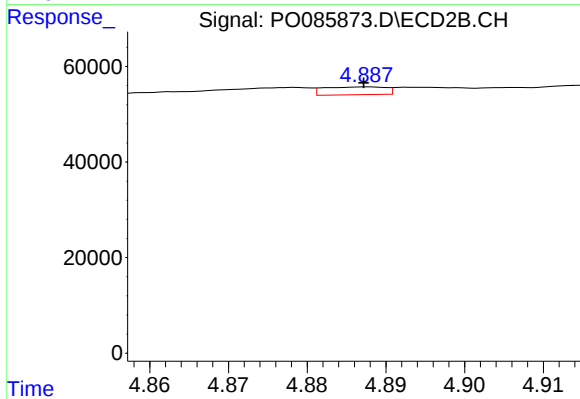
#5 AR-1016-3

R.T.: 4.824 min
Delta R.T.: -0.019 min
Response: 1691
Conc: 1.22 ng/ml



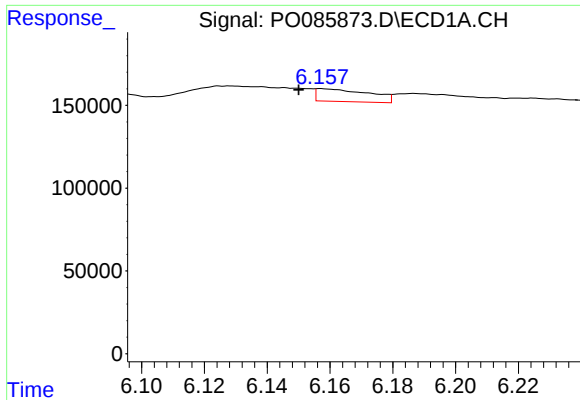
#6 AR-1016-4

R.T.: 5.896 min
Delta R.T.: 0.060 min
Response: 1268647
Conc: 259.86 ng/ml



#6 AR-1016-4

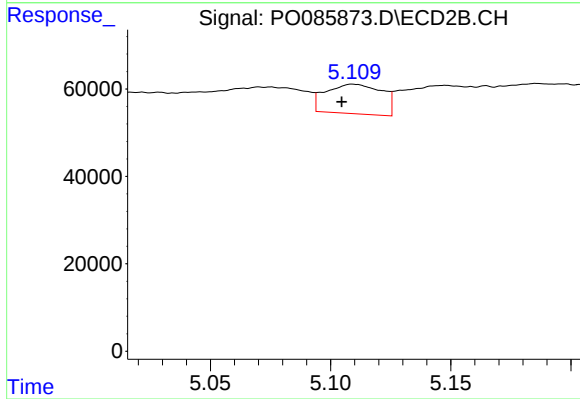
R.T.: 4.888 min
Delta R.T.: 0.000 min
Response: 8936
Conc: 7.63 ng/ml



#7 AR-1016-5

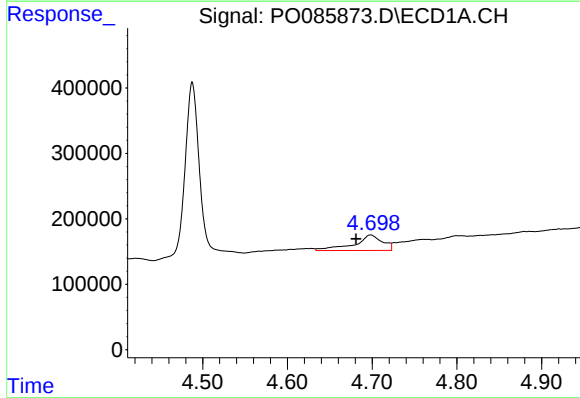
R.T.: 6.157 min
Delta R.T.: 0.007 min
Response: 89311
Conc: 19.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



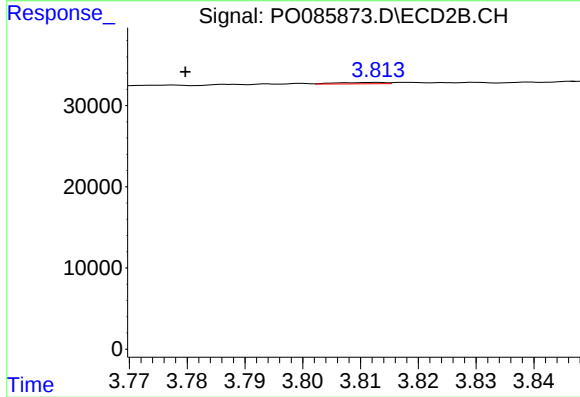
#7 AR-1016-5

R.T.: 5.109 min
Delta R.T.: 0.004 min
Response: 109735
Conc: 81.01 ng/ml



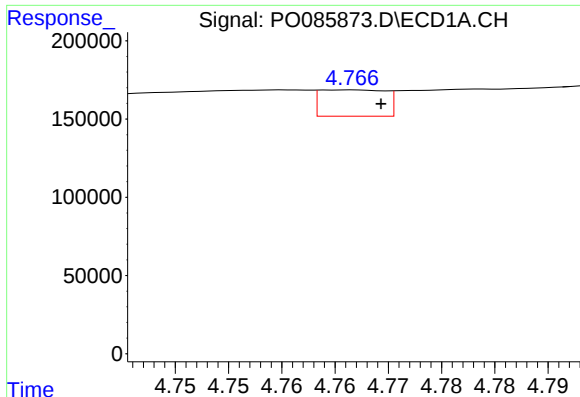
#8 AR-1221-1

R.T.: 4.699 min
Delta R.T.: 0.018 min
Response: 556406
Conc: 247.08 ng/ml



#8 AR-1221-1

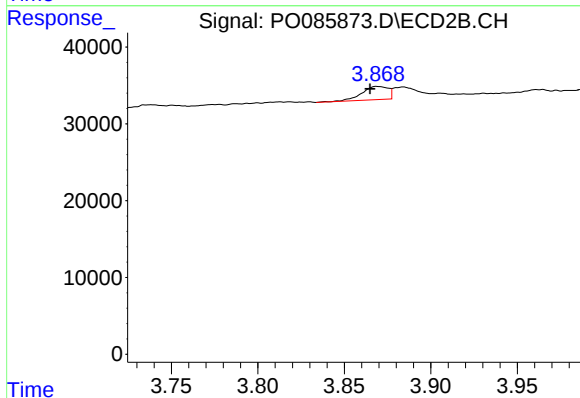
R.T.: 3.813 min
Delta R.T.: 0.033 min
Response: 984
Conc: 1.58 ng/ml



#9 AR-1221-2

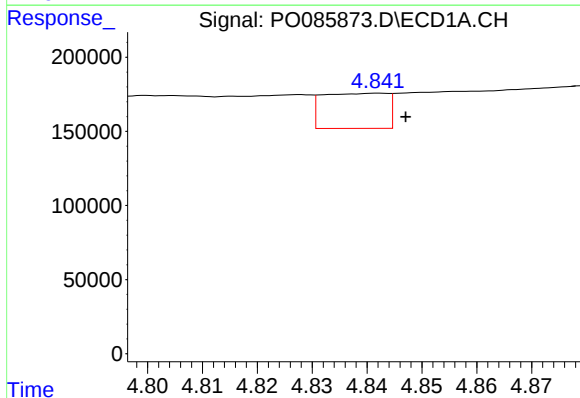
R.T.: 4.767 min
Delta R.T.: -0.003 min
Response: 71788
Conc: 38.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



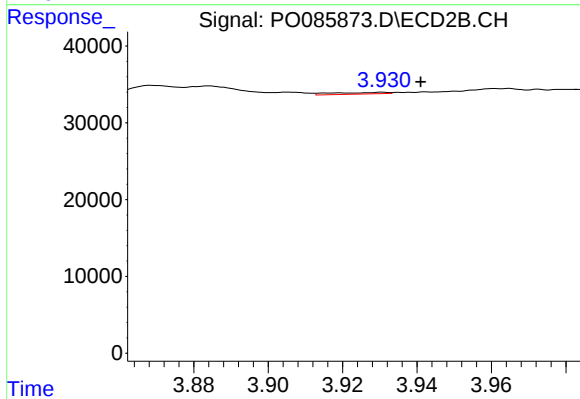
#9 AR-1221-2

R.T.: 3.869 min
Delta R.T.: 0.004 min
Response: 18257
Conc: 38.65 ng/ml



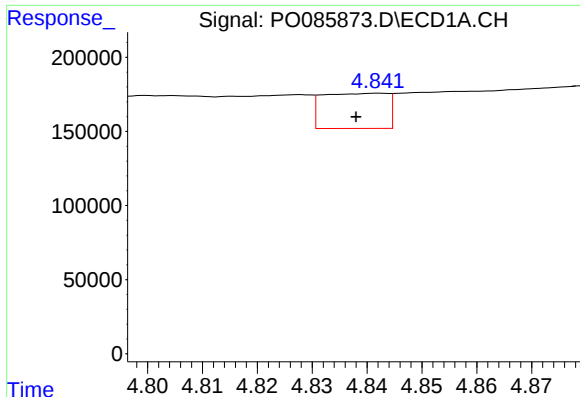
#10 AR-1221-3

R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 195269
Conc: 35.95 ng/ml



#10 AR-1221-3

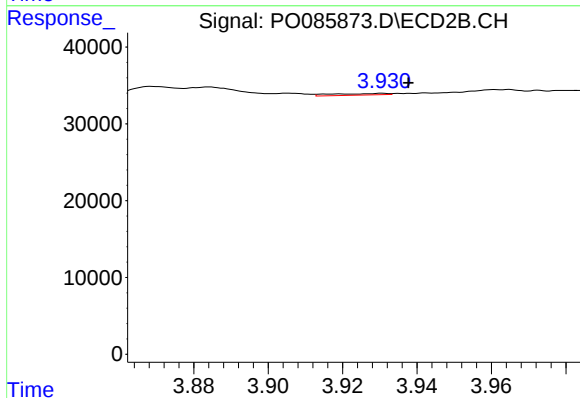
R.T.: 3.931 min
Delta R.T.: -0.010 min
Response: 2220
Conc: 1.57 ng/ml



#11 AR-1232-1

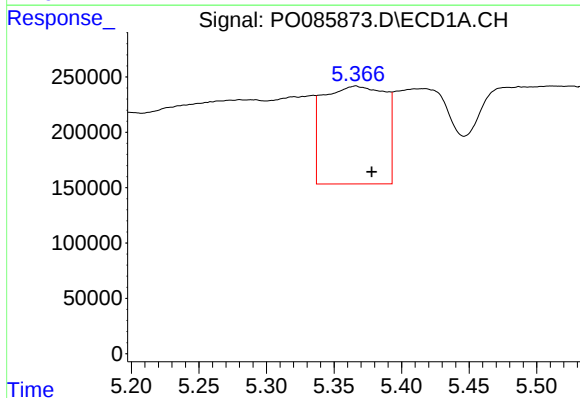
R.T.: 4.842 min
Delta R.T.: 0.004 min
Response: 195269
Conc: 38.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



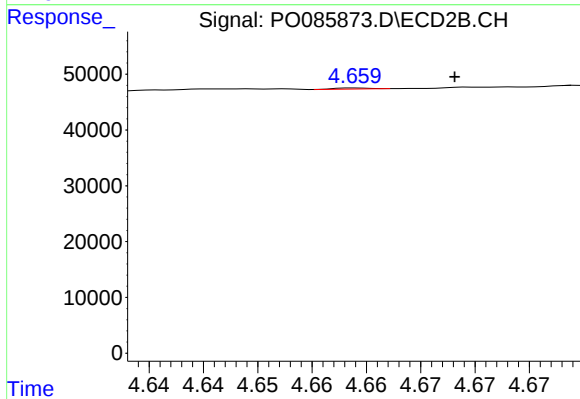
#11 AR-1232-1

R.T.: 3.931 min
Delta R.T.: -0.007 min
Response: 2220
Conc: 1.60 ng/ml



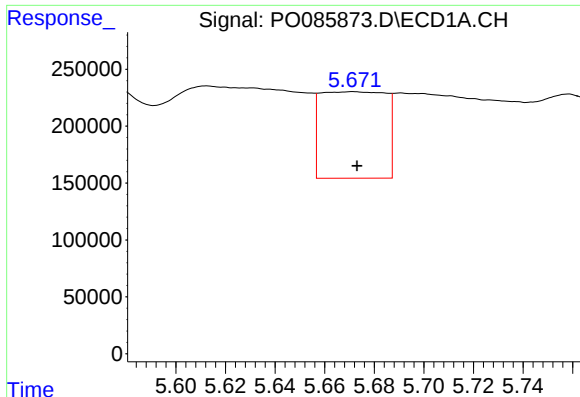
#12 AR-1232-2

R.T.: 5.366 min
Delta R.T.: -0.012 min
Response: 2826337
Conc: 1078.96 ng/ml



#12 AR-1232-2

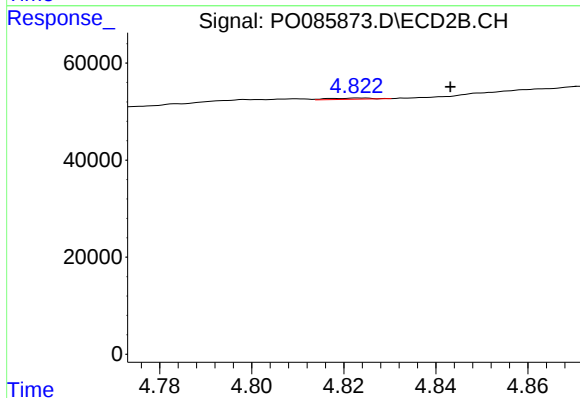
R.T.: 4.659 min
Delta R.T.: -0.009 min
Response: 425
Conc: 0.33 ng/ml



#13 AR-1232-3

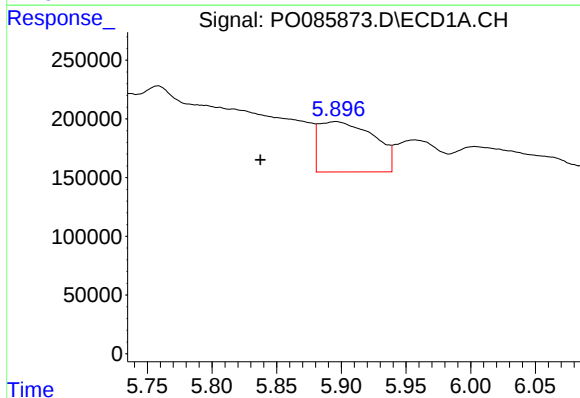
R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 1383689
Conc: 279.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



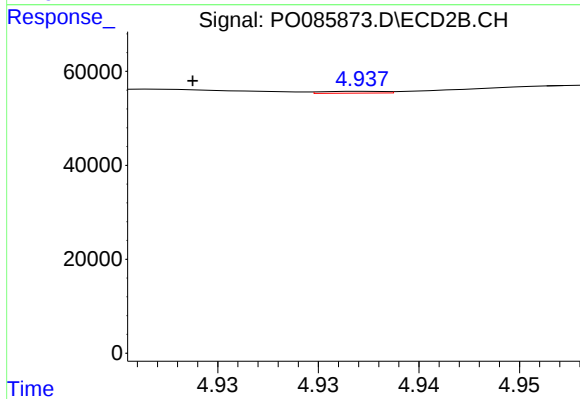
#13 AR-1232-3

R.T.: 4.824 min
Delta R.T.: -0.019 min
Response: 1691
Conc: 2.41 ng/ml



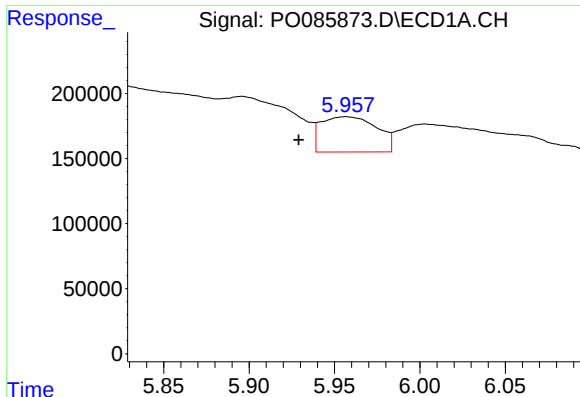
#14 AR-1232-4

R.T.: 5.896 min
Delta R.T.: 0.059 min
Response: 1268647
Conc: 516.38 ng/ml



#14 AR-1232-4

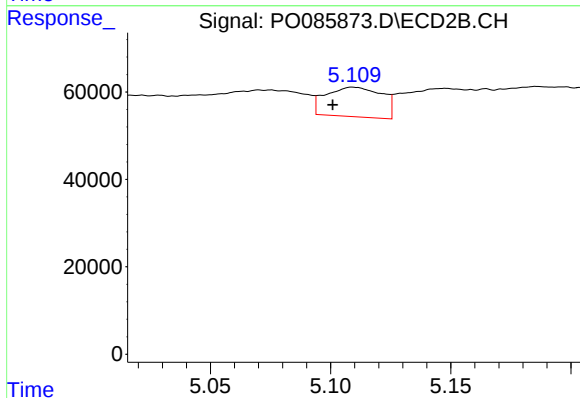
R.T.: 4.937 min
Delta R.T.: 0.009 min
Response: 826
Conc: 1.27 ng/ml



#15 AR-1232-5

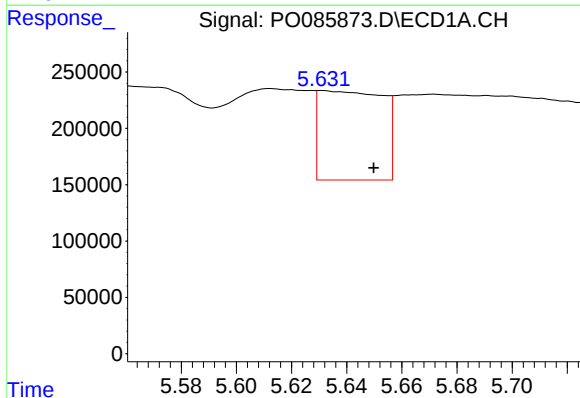
R.T.: 5.957 min
Delta R.T.: 0.028 min
Response: 614815
Conc: 312.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



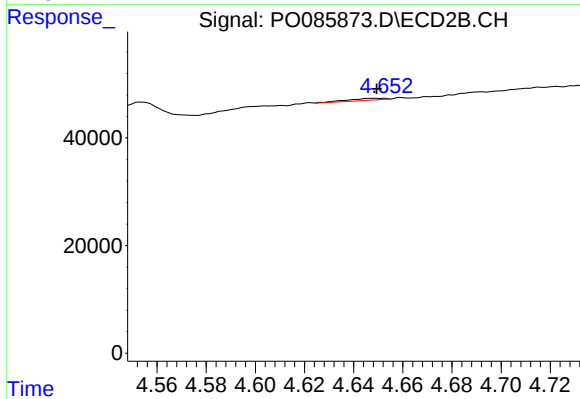
#15 AR-1232-5

R.T.: 5.109 min
Delta R.T.: 0.008 min
Response: 109735
Conc: 144.96 ng/ml



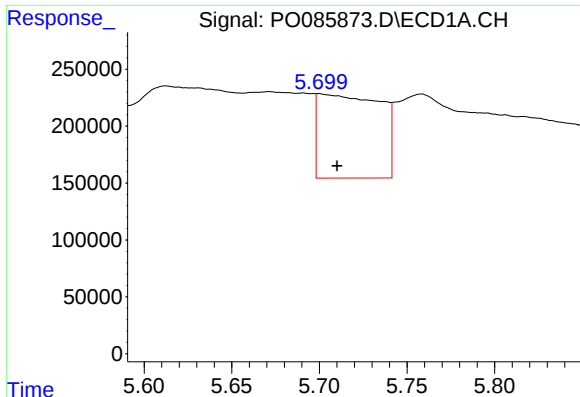
#16 AR-1242-1

R.T.: 5.631 min
Delta R.T.: -0.019 min
Response: 1272503
Conc: 236.34 ng/ml



#16 AR-1242-1

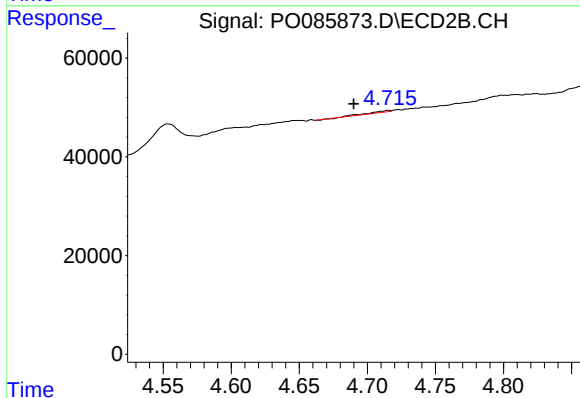
R.T.: 4.652 min
Delta R.T.: 0.003 min
Response: 3684
Conc: 2.61 ng/ml



#17 AR-1242-2

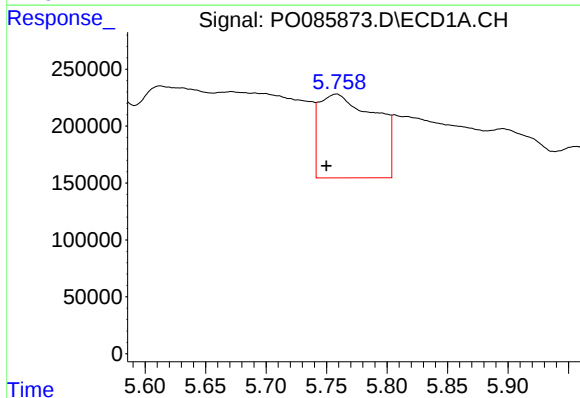
R.T.: 5.699 min
Delta R.T.: -0.011 min
Response: 1821990
Conc: 224.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



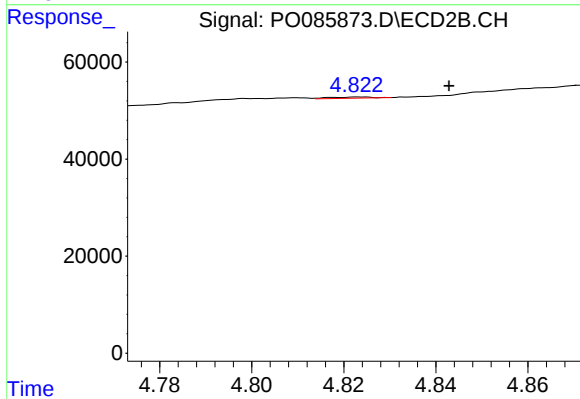
#17 AR-1242-2

R.T.: 4.716 min
Delta R.T.: 0.026 min
Response: 3051
Conc: 1.56 ng/ml



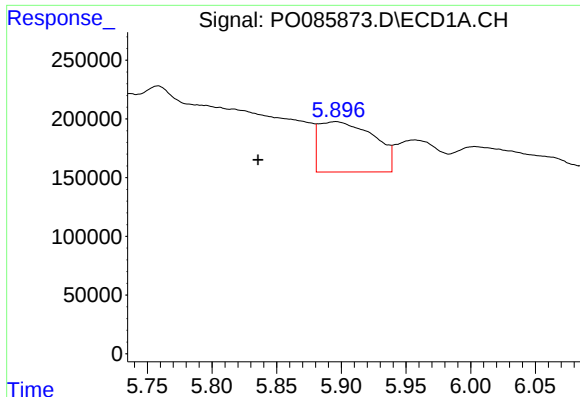
#18 AR-1242-3

R.T.: 5.758 min
Delta R.T.: 0.008 min
Response: 2383045
Conc: 475.19 ng/ml



#18 AR-1242-3

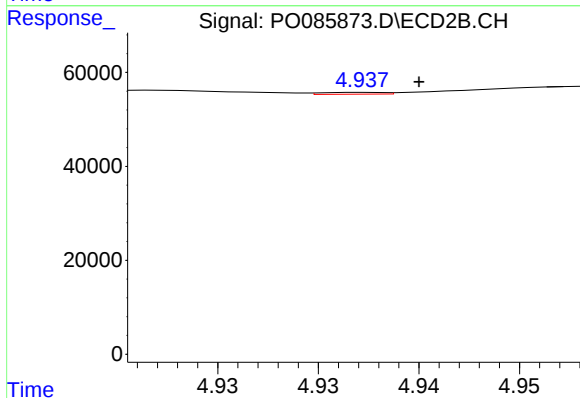
R.T.: 4.824 min
Delta R.T.: -0.018 min
Response: 1691
Conc: 1.58 ng/ml



#19 AR-1242-4

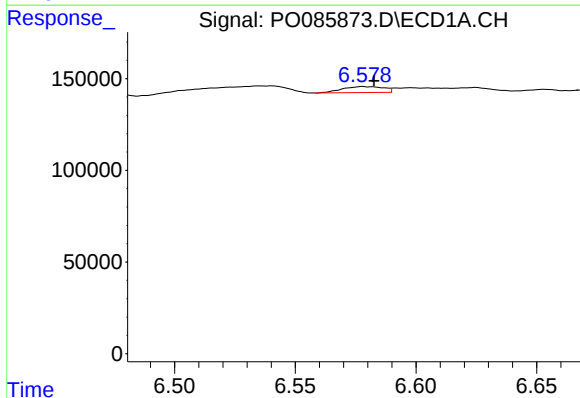
R.T.: 5.896 min
Delta R.T.: 0.060 min
Response: 1268647
Conc: 320.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



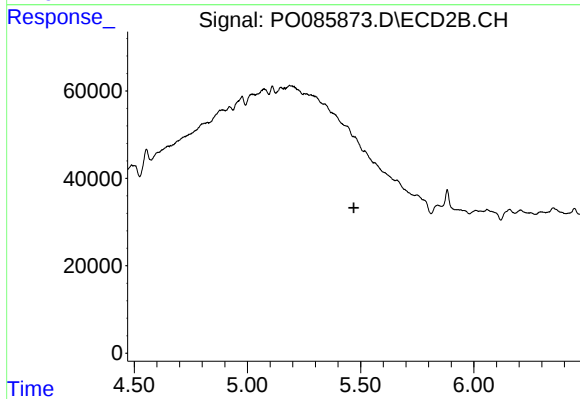
#19 AR-1242-4

R.T.: 4.937 min
Delta R.T.: -0.003 min
Response: 826
Conc: 0.76 ng/ml



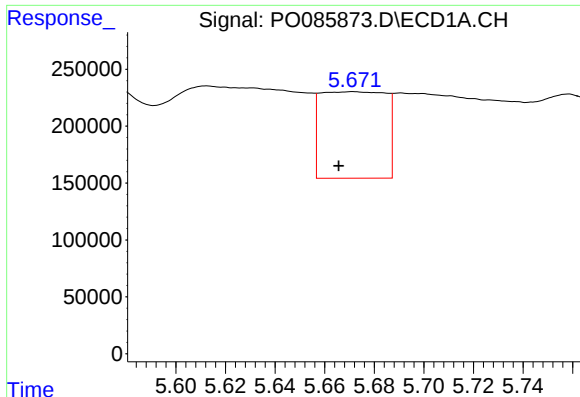
#20 AR-1242-5

R.T.: 6.578 min
Delta R.T.: -0.005 min
Response: 39227
Conc: 8.80 ng/ml



#20 AR-1242-5

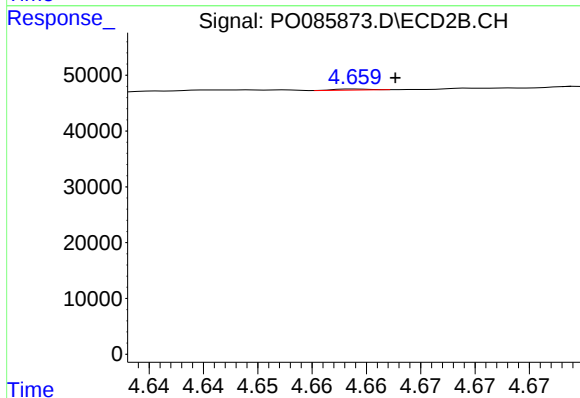
R.T.: 0.000 min
Exp R.T. : 5.470 min
Response: 0
Conc: N.D.



#21 AR-1248-1

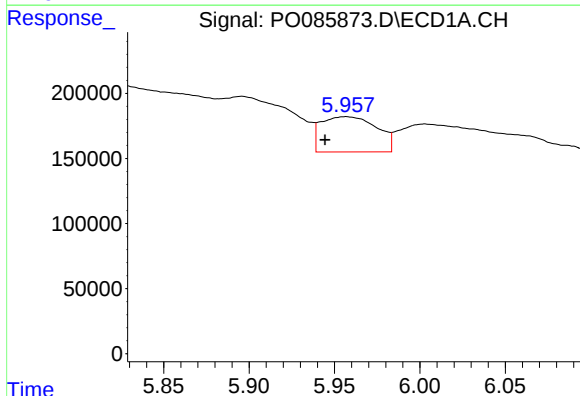
R.T.: 5.672 min
Delta R.T.: 0.006 min
Response: 1383689
Conc: 366.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



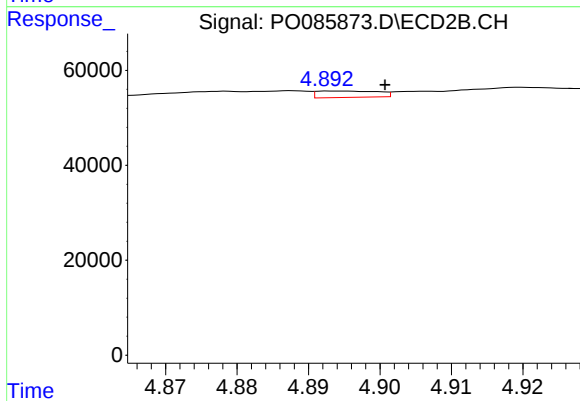
#21 AR-1248-1

R.T.: 4.659 min
Delta R.T.: -0.004 min
Response: 425
Conc: 0.45 ng/ml



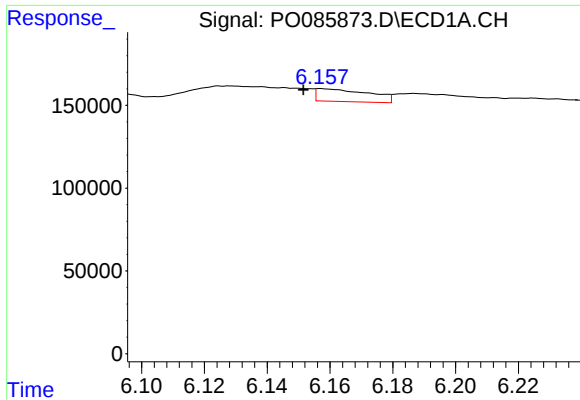
#22 AR-1248-2

R.T.: 5.957 min
Delta R.T.: 0.012 min
Response: 614815
Conc: 115.60 ng/ml



#22 AR-1248-2

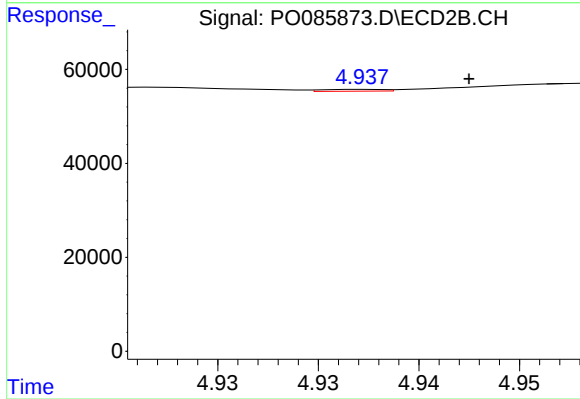
R.T.: 4.893 min
Delta R.T.: -0.007 min
Response: 7945
Conc: 5.64 ng/ml



#23 AR-1248-3

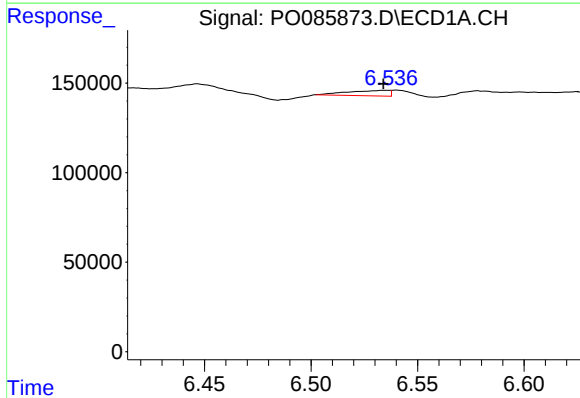
R.T.: 6.157 min
Delta R.T.: 0.005 min
Response: 89311
Conc: 15.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



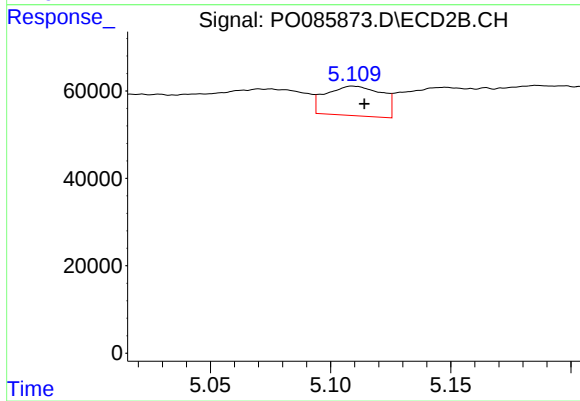
#23 AR-1248-3

R.T.: 4.937 min
Delta R.T.: -0.005 min
Response: 826
Conc: 0.58 ng/ml



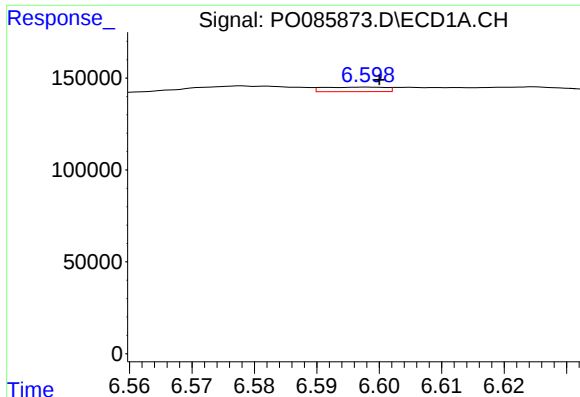
#24 AR-1248-4

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 41272
Conc: 8.14 ng/ml



#24 AR-1248-4

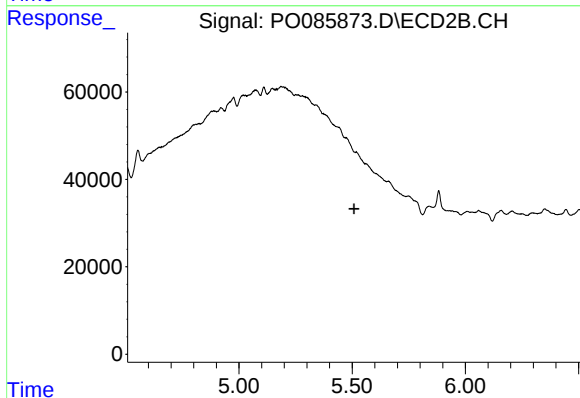
R.T.: 5.109 min
Delta R.T.: -0.005 min
Response: 109735
Conc: 64.70 ng/ml



#25 AR-1248-5

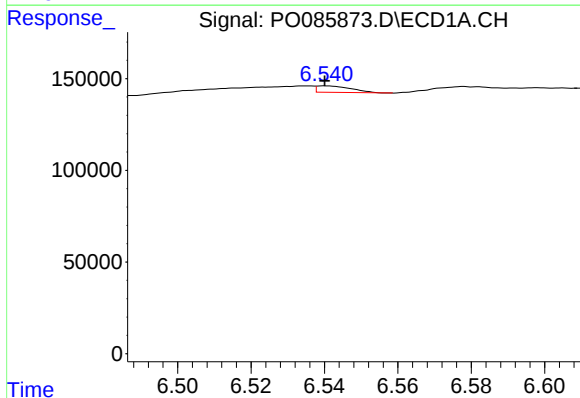
R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 17033
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



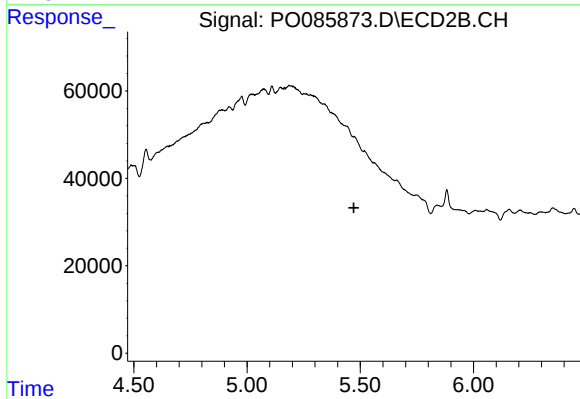
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.508 min
Response: 0
Conc: N.D.



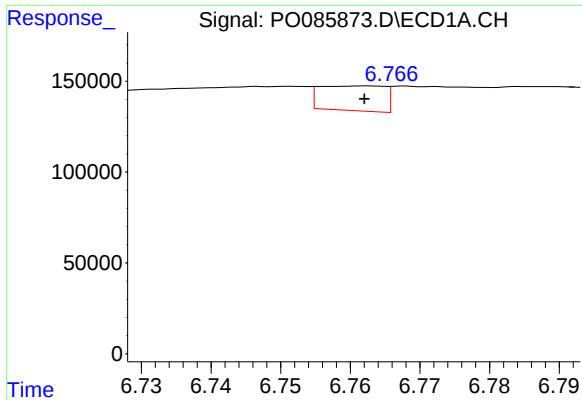
#26 AR-1254-1

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 22862
Conc: 3.29 ng/ml



#26 AR-1254-1

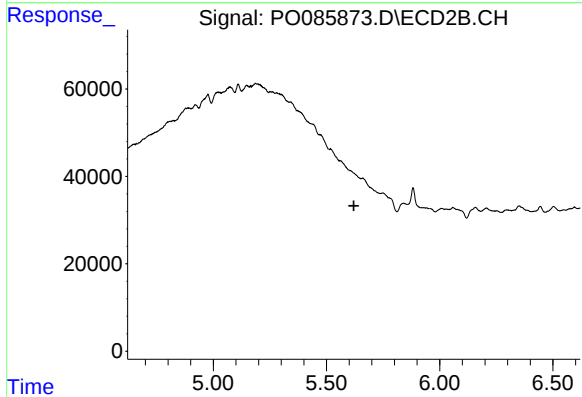
R.T.: 0.000 min
Exp R.T. : 5.471 min
Response: 0
Conc: N.D.



#27 AR-1254-2

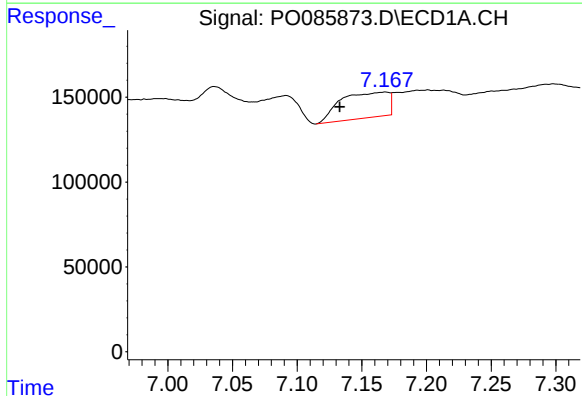
R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 87926
Conc: 8.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



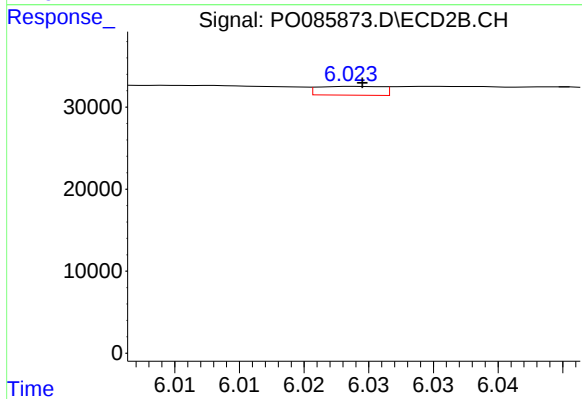
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.621 min
Response: 0
Conc: N.D.



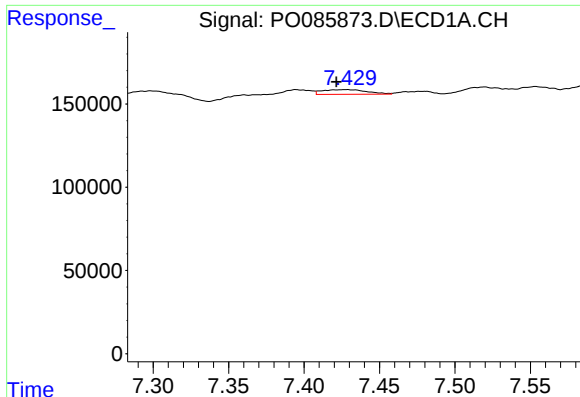
#28 AR-1254-3

R.T.: 7.168 min
Delta R.T.: 0.035 min
Response: 389879
Conc: 34.88 ng/ml



#28 AR-1254-3

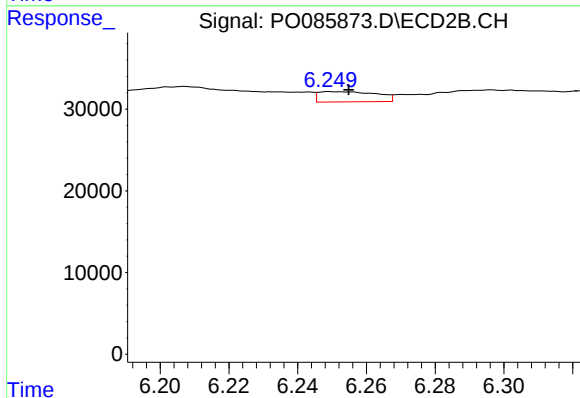
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 3697
Conc: 1.02 ng/ml



#29 AR-1254-4

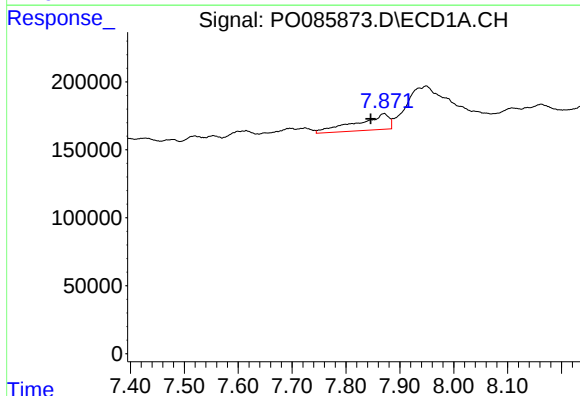
R.T.: 7.428 min
Delta R.T.: 0.007 min
Response: 57818
Conc: 7.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



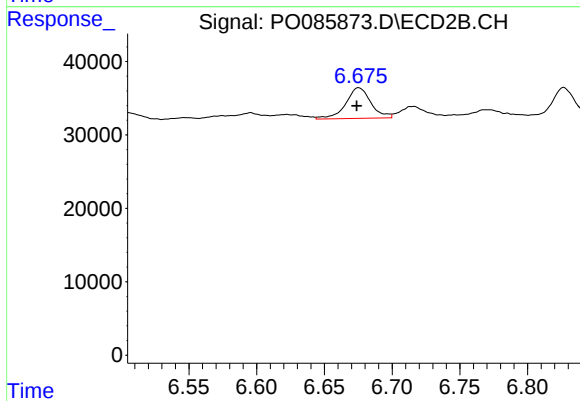
#29 AR-1254-4

R.T.: 6.249 min
Delta R.T.: -0.006 min
Response: 14695
Conc: 6.55 ng/ml



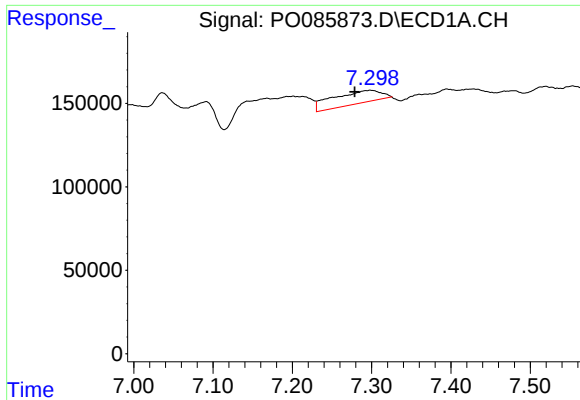
#30 AR-1254-5

R.T.: 7.871 min
Delta R.T.: 0.025 min
Response: 492058
Conc: 60.91 ng/ml



#30 AR-1254-5

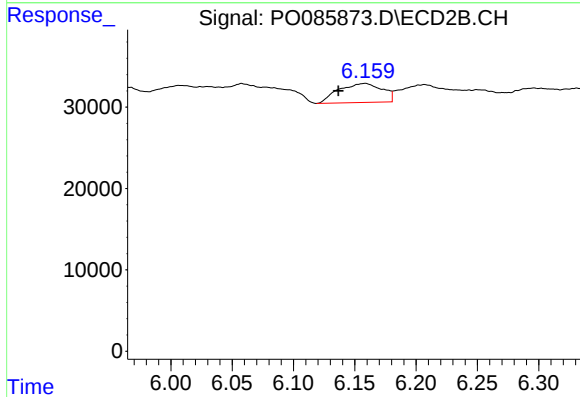
R.T.: 6.675 min
Delta R.T.: 0.001 min
Response: 54085
Conc: 17.15 ng/ml



#31 AR-1260-1

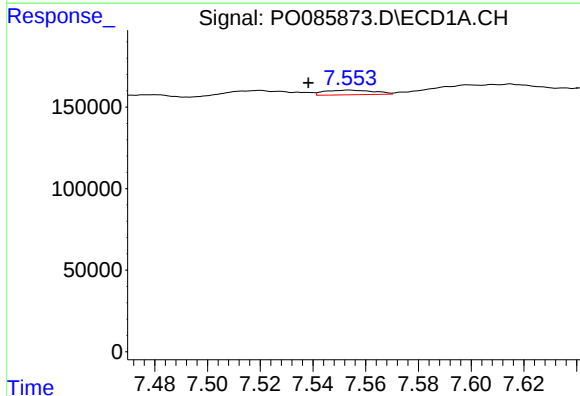
R.T.: 7.298 min
Delta R.T.: 0.020 min
Response: 325186
Conc: 40.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



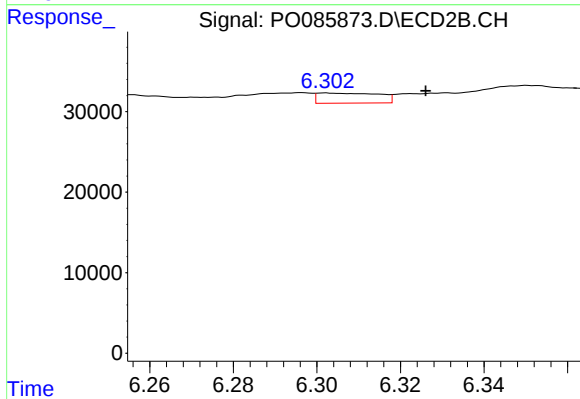
#31 AR-1260-1

R.T.: 6.159 min
Delta R.T.: 0.022 min
Response: 58141
Conc: 23.28 ng/ml



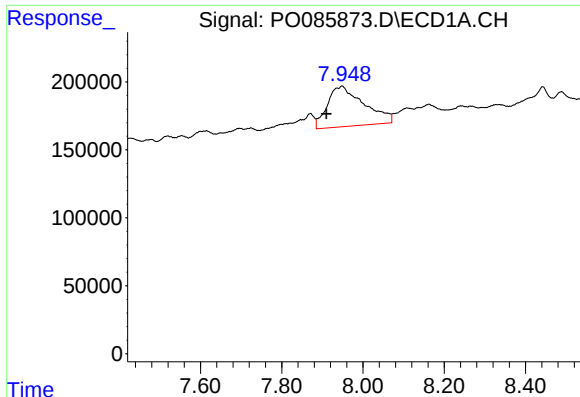
#32 AR-1260-2

R.T.: 7.554 min
Delta R.T.: 0.015 min
Response: 36984
Conc: 3.94 ng/ml



#32 AR-1260-2

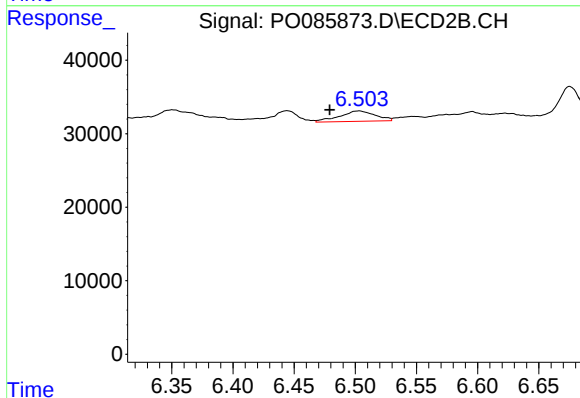
R.T.: 6.302 min
Delta R.T.: -0.024 min
Response: 12796
Conc: 4.21 ng/ml



#33 AR-1260-3

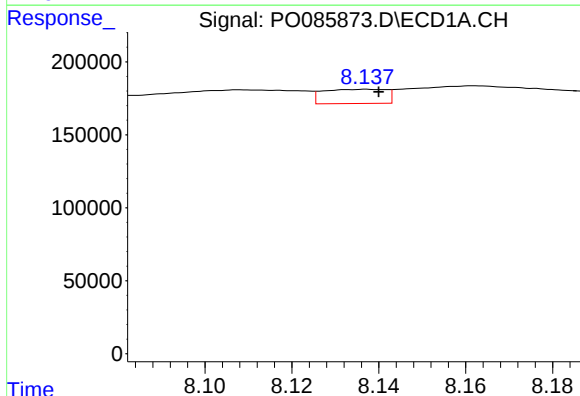
R.T.: 7.949 min
Delta R.T.: 0.039 min
Response: 1862127
Conc: 263.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



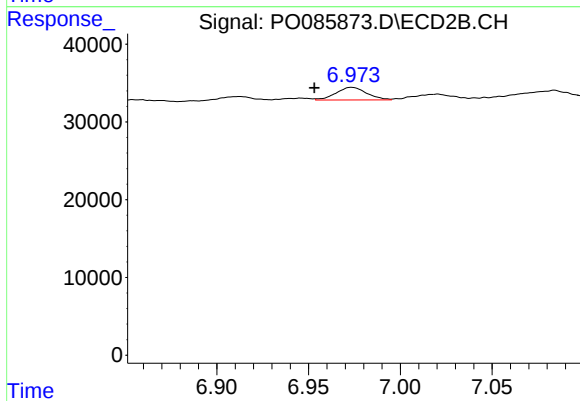
#33 AR-1260-3

R.T.: 6.503 min
Delta R.T.: 0.024 min
Response: 28520
Conc: 10.39 ng/ml



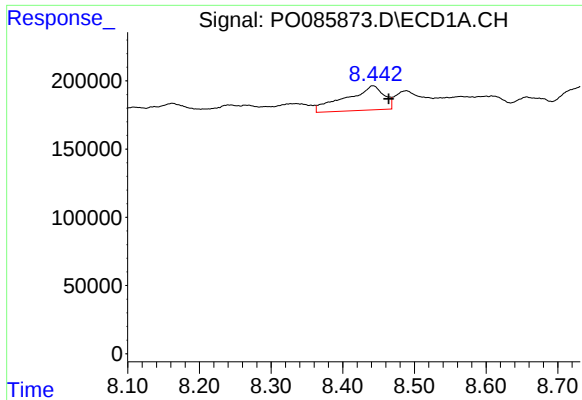
#34 AR-1260-4

R.T.: 8.137 min
Delta R.T.: -0.003 min
Response: 97932
Conc: 12.44 ng/ml



#34 AR-1260-4

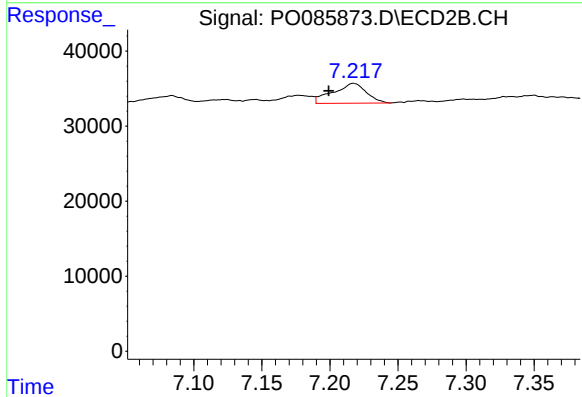
R.T.: 6.974 min
Delta R.T.: 0.020 min
Response: 19009
Conc: 8.29 ng/ml



#35 AR-1260-5

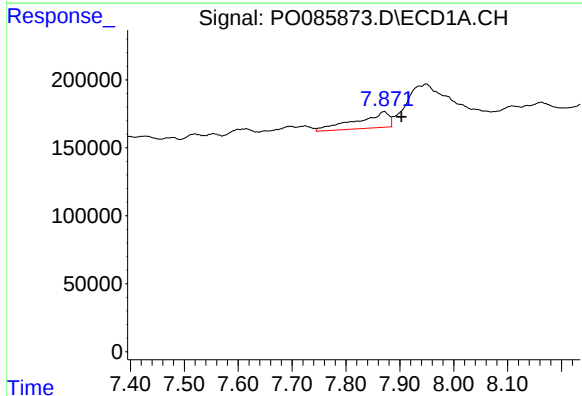
R.T.: 8.442 min
Delta R.T.: -0.022 min
Response: 658763
Conc: 42.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



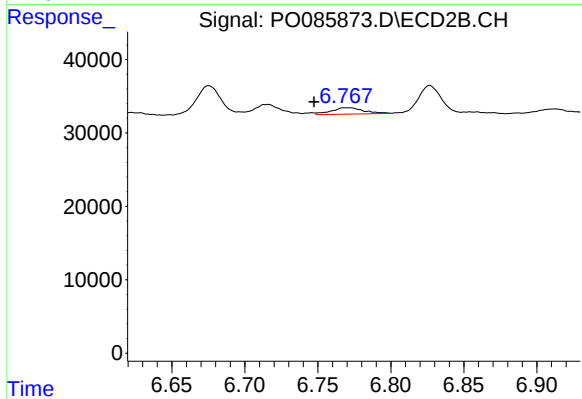
#35 AR-1260-5

R.T.: 7.217 min
Delta R.T.: 0.018 min
Response: 44906
Conc: 8.88 ng/ml



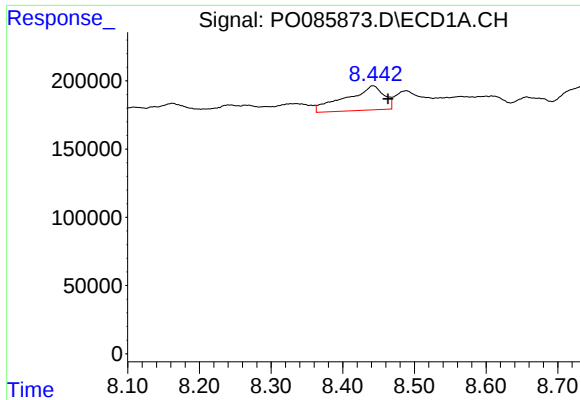
#36 AR-1262-1

R.T.: 7.871 min
Delta R.T.: -0.032 min
Response: 492058
Conc: 45.09 ng/ml



#36 AR-1262-1

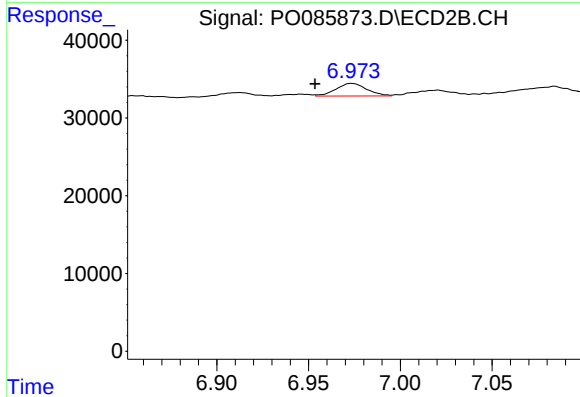
R.T.: 6.768 min
Delta R.T.: 0.021 min
Response: 13419
Conc: 9.09 ng/ml



#37 AR-1262-2

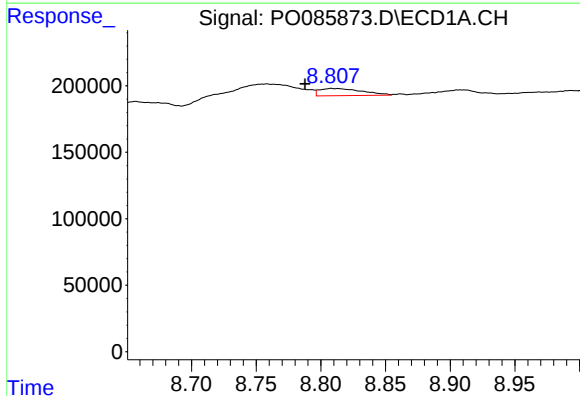
R.T.: 8.442 min
Delta R.T.: -0.021 min
Response: 658763
Conc: 34.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



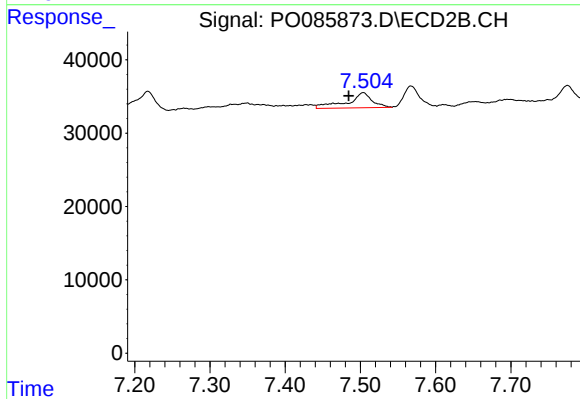
#37 AR-1262-2

R.T.: 6.974 min
Delta R.T.: 0.020 min
Response: 19009
Conc: 6.54 ng/ml



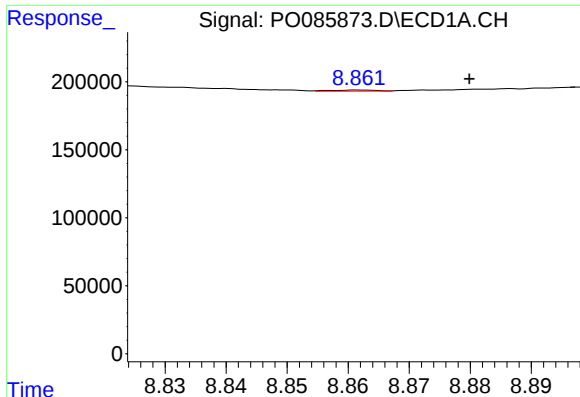
#38 AR-1262-3

R.T.: 8.808 min
Delta R.T.: 0.020 min
Response: 122812
Conc: 10.82 ng/ml



#38 AR-1262-3

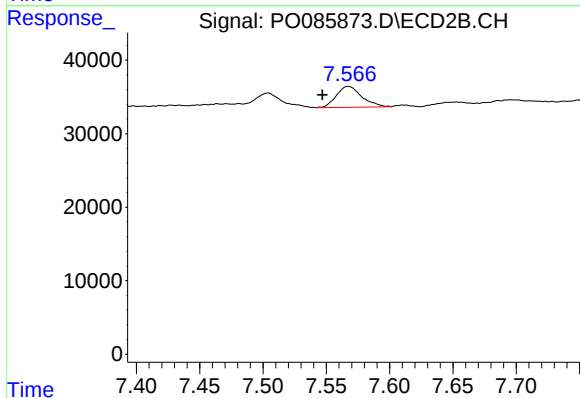
R.T.: 7.504 min
Delta R.T.: 0.020 min
Response: 46833
Conc: 9.13 ng/ml



#39 AR-1262-4

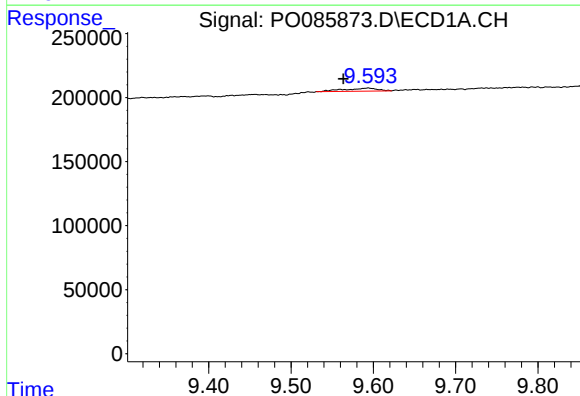
R.T.: 8.862 min
Delta R.T.: -0.018 min
Response: 3964
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



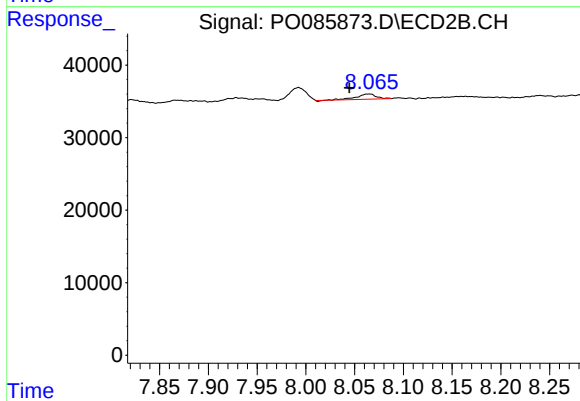
#39 AR-1262-4

R.T.: 7.567 min
Delta R.T.: 0.020 min
Response: 39830
Conc: 7.87 ng/ml



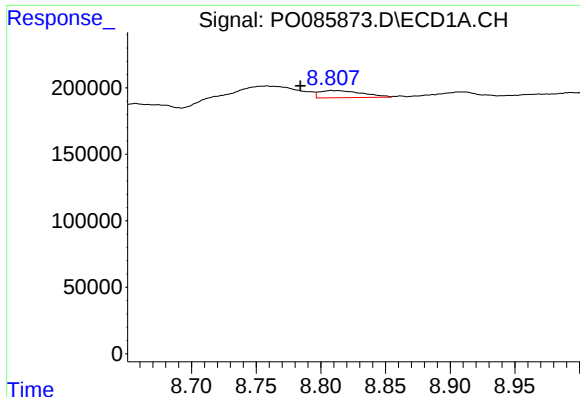
#40 AR-1262-5

R.T.: 9.594 min
Delta R.T.: 0.030 min
Response: 66615
Conc: 10.72 ng/ml



#40 AR-1262-5

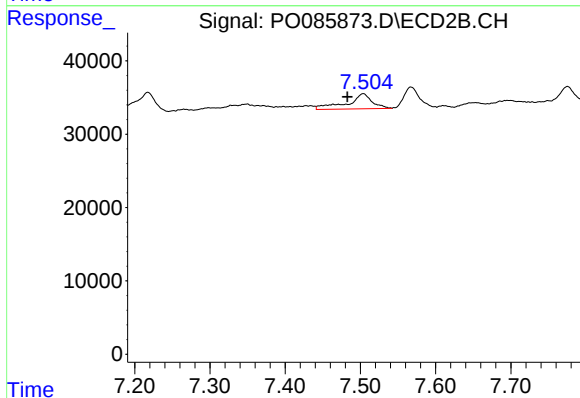
R.T.: 8.065 min
Delta R.T.: 0.021 min
Response: 10289
Conc: 5.67 ng/ml



#41 AR-1268-1

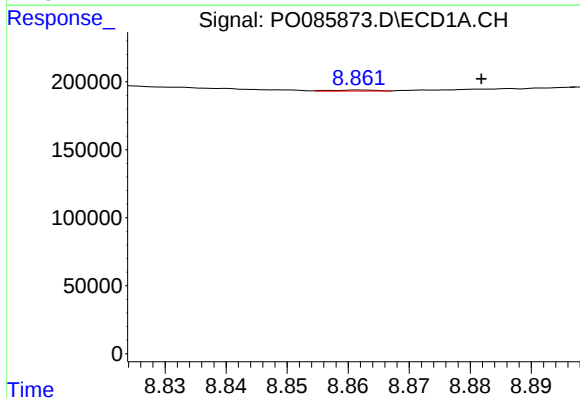
R.T.: 8.808 min
Delta R.T.: 0.024 min
Response: 122812
Conc: 5.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



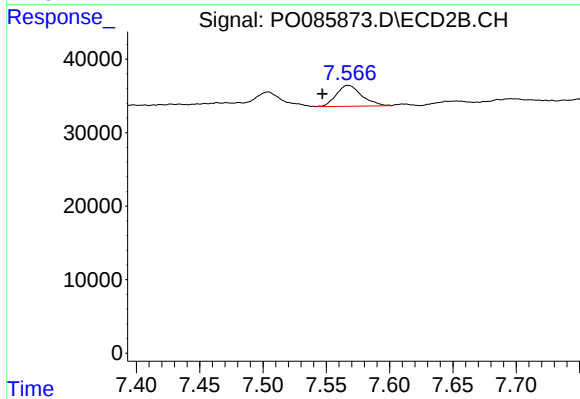
#41 AR-1268-1

R.T.: 7.504 min
Delta R.T.: 0.021 min
Response: 46833
Conc: 4.71 ng/ml



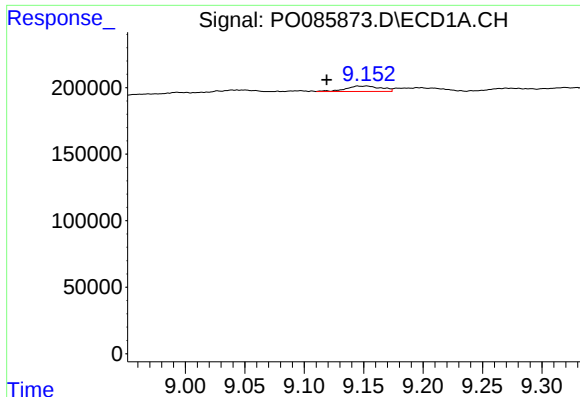
#42 AR-1268-2

R.T.: 8.862 min
Delta R.T.: -0.020 min
Response: 3964
Conc: 0.20 ng/ml



#42 AR-1268-2

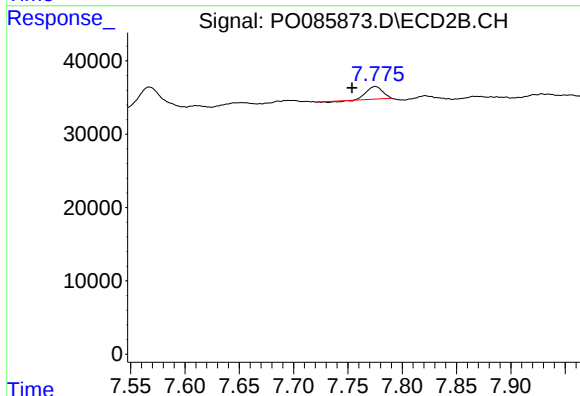
R.T.: 7.567 min
Delta R.T.: 0.020 min
Response: 39830
Conc: 5.75 ng/ml



#43 AR-1268-3

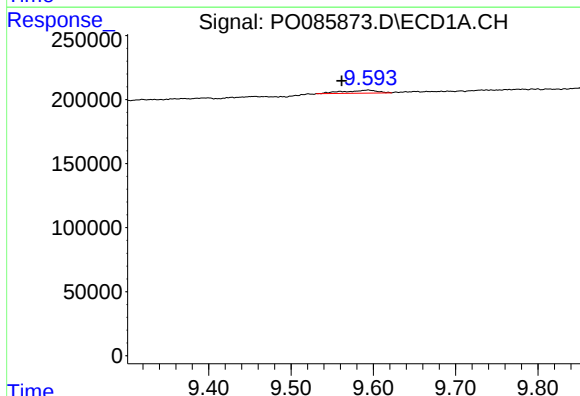
R.T.: 9.152 min
Delta R.T.: 0.034 min
Response: 83310
Conc: 5.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



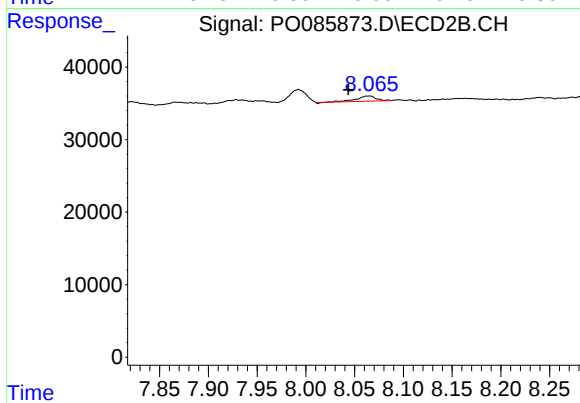
#43 AR-1268-3

R.T.: 7.775 min
Delta R.T.: 0.022 min
Response: 16749
Conc: 3.58 ng/ml



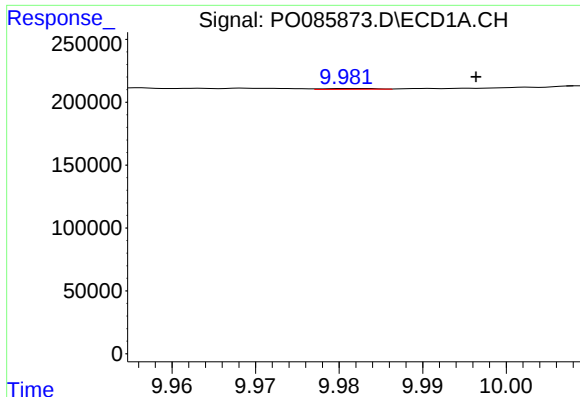
#44 AR-1268-4

R.T.: 9.594 min
Delta R.T.: 0.032 min
Response: 66615
Conc: 9.47 ng/ml



#44 AR-1268-4

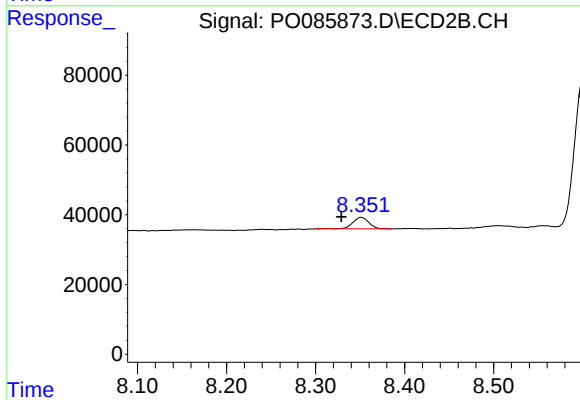
R.T.: 8.065 min
Delta R.T.: 0.022 min
Response: 10289
Conc: 4.91 ng/ml



#45 AR-1268-5

R.T.: 9.982 min
Delta R.T.: -0.015 min
Response: 2949
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.022 min
Response: 40707
Conc: 3.02 ng/ml