

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
 Data File : P0059775.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 23:30
 Operator : SM/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 00:23:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 2019
 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...	4.123	3.497	811209	769134	23.169	21.367
2)	SA Decachlor...	9.595	8.358	967435	801108	18.185	19.868
Target Compounds							
3)	L1 AR-1016-1	5.299	0.000	1954	0	1.219	N.D. #
4)	L1 AR-1016-2	5.299	0.000	1954	0	0.817	N.D. #
5)	L1 AR-1016-3	5.346	4.780	2462	54640	1.653	50.506 #
6)	L1 AR-1016-4	5.464	4.780	-88	54640	N.D.	60.510 #
7)	L1 AR-1016-5	5.750	4.964	40007	54585	31.155	47.386 #
8)	L2 AR-1221-1	4.356	3.660	1295	7477	3.058	18.627 #
9)	L2 AR-1221-2	4.461	3.790	606	11014	1.865	36.156 #
10)	L2 AR-1221-3	4.525	0.000	246	0	0.233	N.D. #
11)	L3 AR-1232-1	4.525	0.000	246	0	0.197	N.D. #
12)	L3 AR-1232-2	5.016	0.000	760	0	1.076	N.D. #
13)	L3 AR-1232-3	5.299	4.780	1954	54640	1.276	80.246 #
14)	L3 AR-1232-4	5.464	4.825	-88	27968	N.D.	45.844 #
16)	L4 AR-1242-1	5.299	0.000	1954	0	1.540	N.D. #
17)	L4 AR-1242-2	5.346	0.000	2462	0	1.327	N.D. #
18)	L4 AR-1242-3	5.394	4.780	3136	54640	2.683	65.398 #
19)	L4 AR-1242-4	5.464	4.825	-88	27968	N.D.	33.519 #
20)	L4 AR-1242-5	6.184	5.351	63935	141898	50.880	126.852 #
21)	L5 AR-1248-1	5.299	0.000	1954	0	1.950	N.D. #
22)	L5 AR-1248-2	0.000	4.780	0	54640	N.D.	47.384 #
23)	L5 AR-1248-3	5.750	4.825	40007	27968	24.071	23.547
24)	L5 AR-1248-4	6.118	4.964	267350	54585	130.791	37.565 #
25)	L5 AR-1248-5	6.184	5.351	63935	141898	32.240	99.140 #
26)	L6 AR-1254-1	6.118	5.351	267350	141898	128.138	59.827 #
27)	L6 AR-1254-2	6.331	5.531	112478	159724	33.714	76.120 #
28)	L6 AR-1254-3	6.688	5.873	131323	170357	37.008	50.664 #
29)	L6 AR-1254-4	6.975	6.099	213072	71465	72.337	34.661 #
30)	L6 AR-1254-5	7.393	6.502	56270	31831	18.196	10.252 #
31)	L7 AR-1260-1	6.870	5.993	101281	114696	37.570	50.329 #
32)	L7 AR-1260-2	7.109	6.182	278494	131005	75.056	44.713 #
33)	L7 AR-1260-3	7.465	6.330	133847	54554	40.853	20.593 #
34)	L7 AR-1260-4	7.698	6.792	412905	5972	134.439	2.640 #
35)	L7 AR-1260-5	7.994	7.038	124962	16818	17.648	3.056 #
36)	L8 AR-1262-1	7.465	6.532	133847	16069	27.581	4.311 #
37)	L8 AR-1262-2	7.994	7.065	124962	2448	16.195	0.416 #
38)	L8 AR-1262-3	8.335	7.344	928173	4188	181.913	1.648 #
39)	L8 AR-1262-4	8.361	7.413	65006	6127	16.864	1.386 #
41)	L9 AR-1268-1	8.335	7.344	928173	4188	98.630	0.588 #
42)	L9 AR-1268-2	8.361	7.413	65006	6127	8.247	0.950 #
43)	L9 AR-1268-3	8.573	7.567	206632	2106	29.314	0.385 #

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Response via : Initial Calibration
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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
45) L9	AR-1268-5	9.347	8.133	7371	6015	0.400	0.414

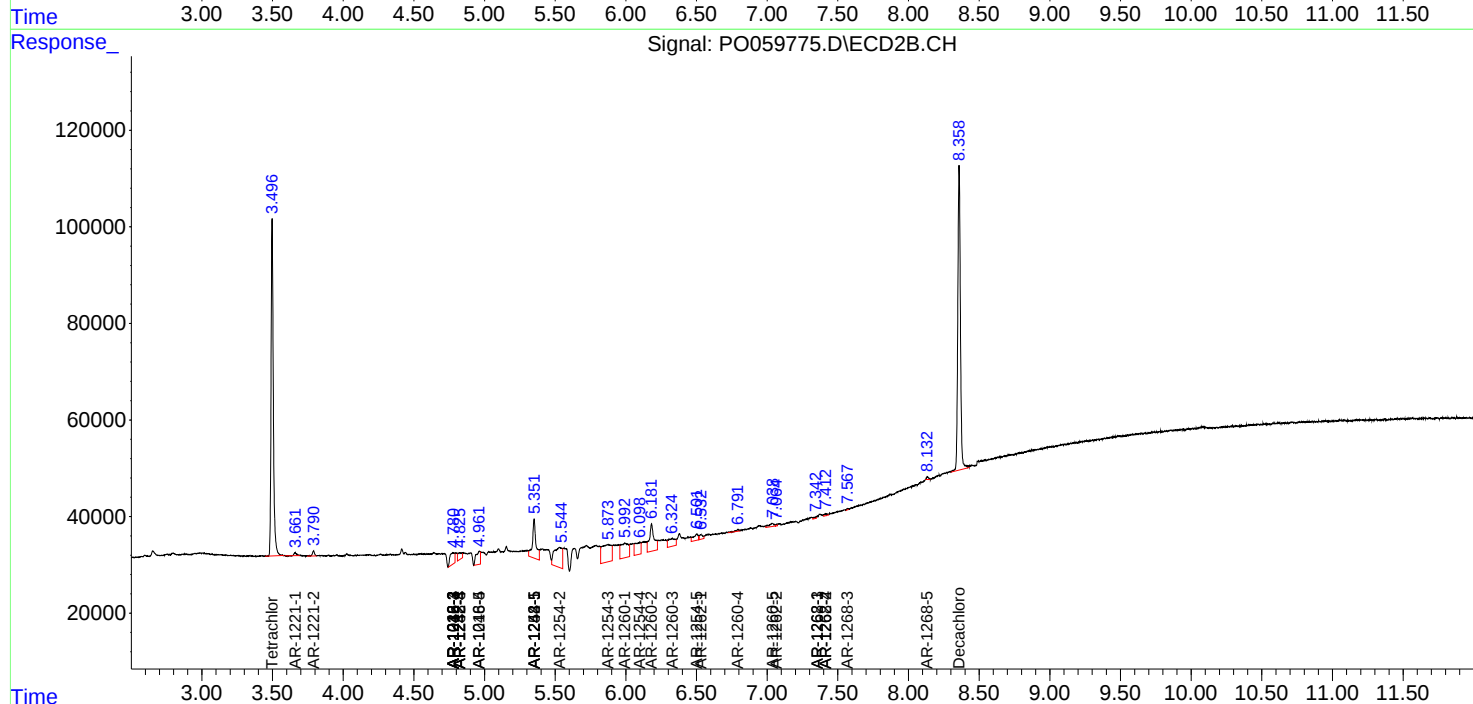
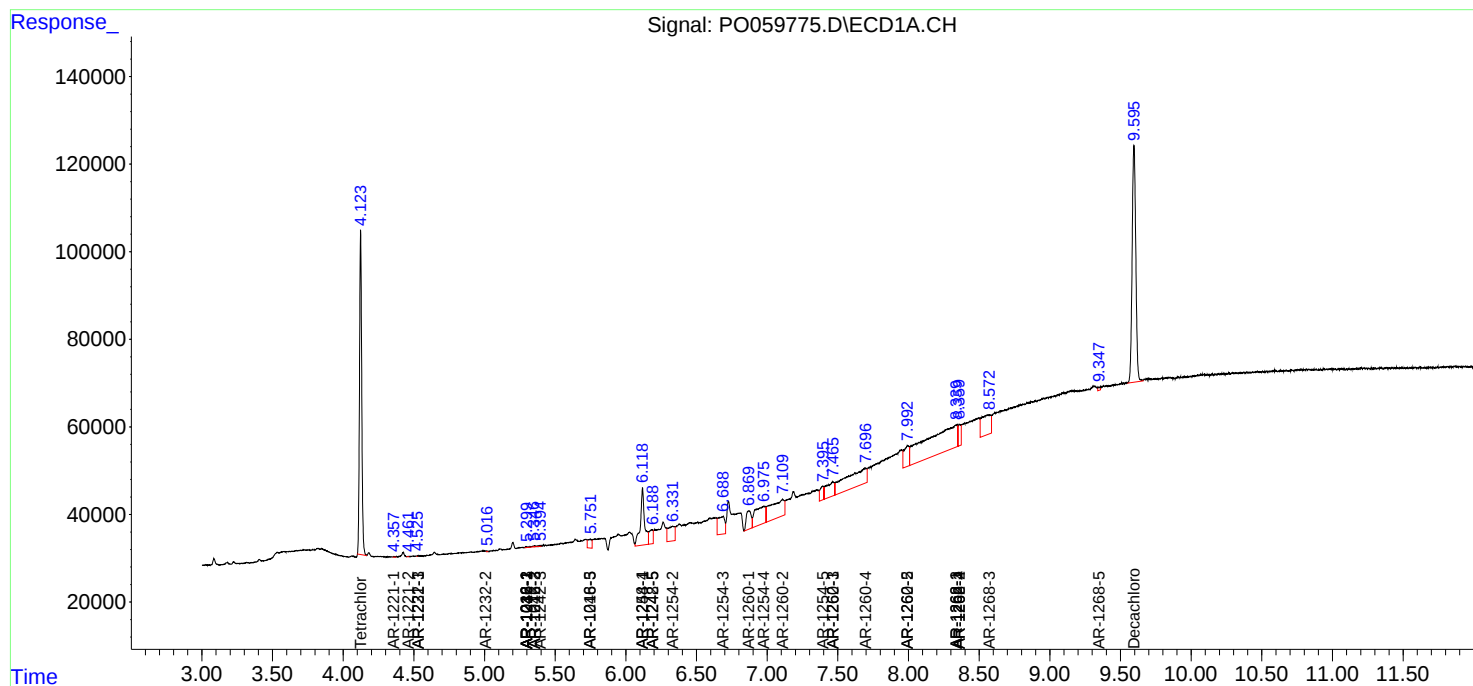
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

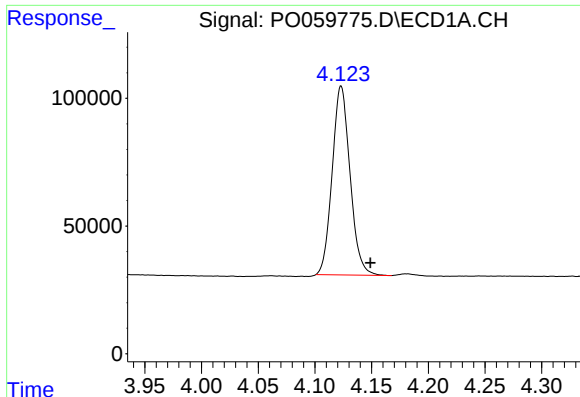
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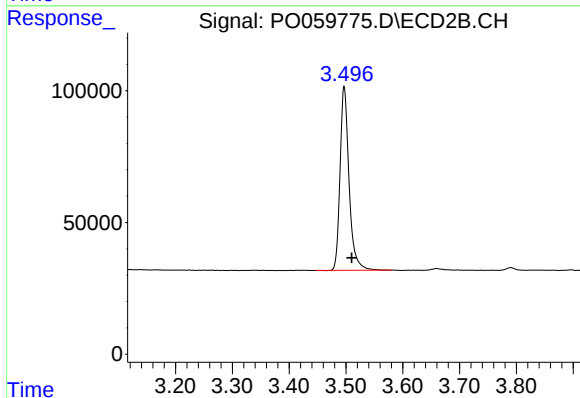




#1 Tetrachloro-m-xylene

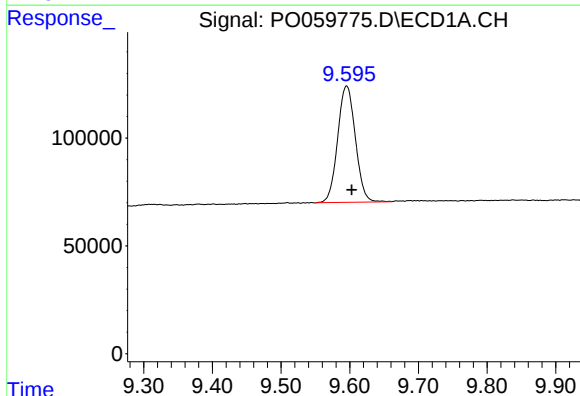
R.T.: 4.123 min
Delta R.T.: -0.026 min
Response: 811209
Conc: 23.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



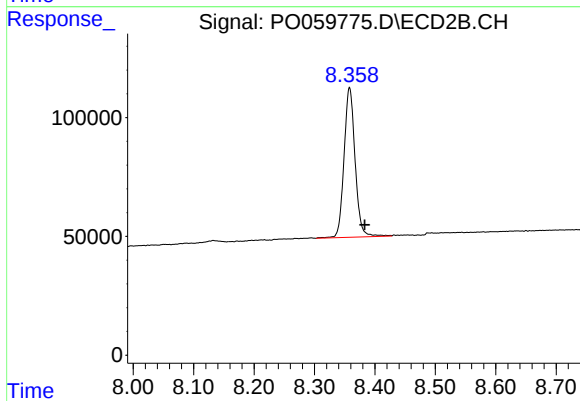
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.013 min
Response: 769134
Conc: 21.37 ng/ml



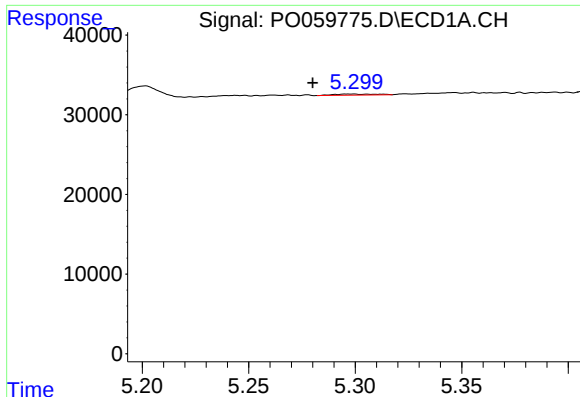
#2 Decachlorobiphenyl

R.T.: 9.595 min
Delta R.T.: -0.008 min
Response: 967435
Conc: 18.18 ng/ml



#2 Decachlorobiphenyl

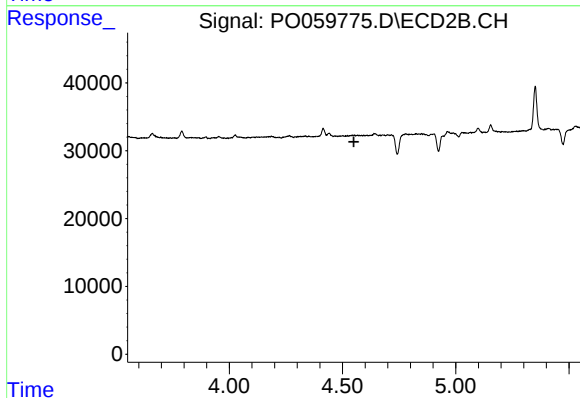
R.T.: 8.358 min
Delta R.T.: -0.025 min
Response: 801108
Conc: 19.87 ng/ml



#3 AR-1016-1

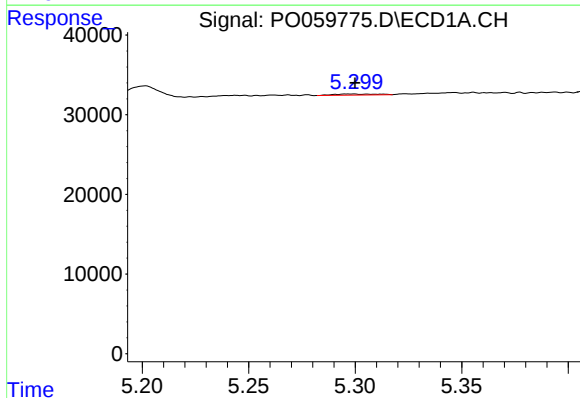
R.T.: 5.299 min
Delta R.T.: 0.019 min
Response: 1954
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



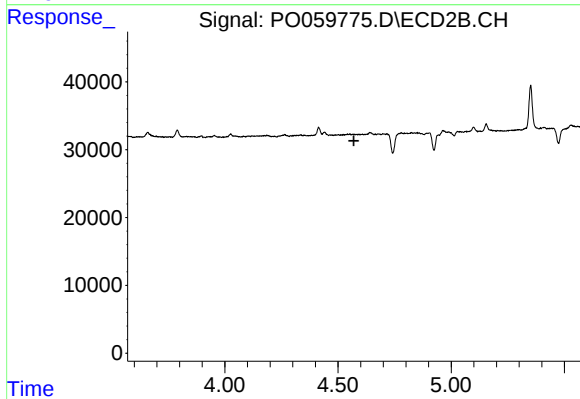
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



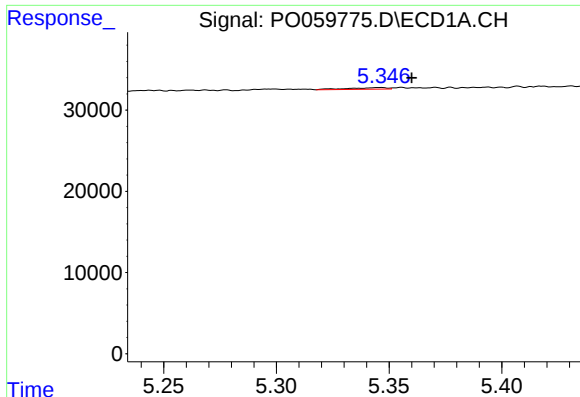
#4 AR-1016-2

R.T.: 5.299 min
Delta R.T.: -0.001 min
Response: 1954
Conc: 0.82 ng/ml



#4 AR-1016-2

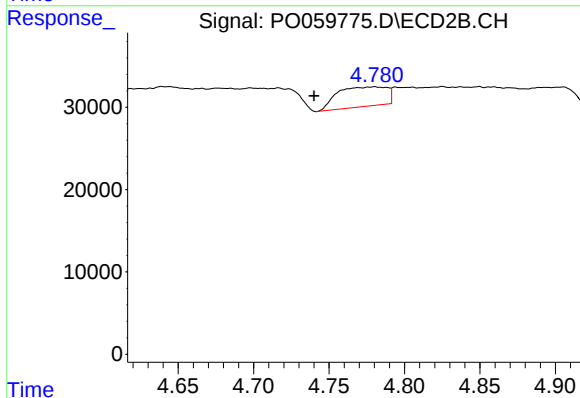
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

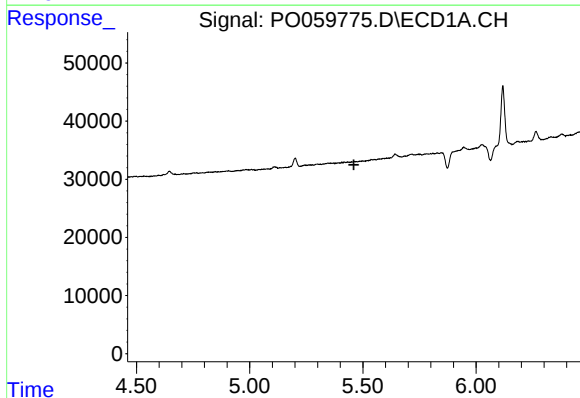
R.T.: 5.346 min
Delta R.T.: -0.014 min
Response: 2462
Conc: 1.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



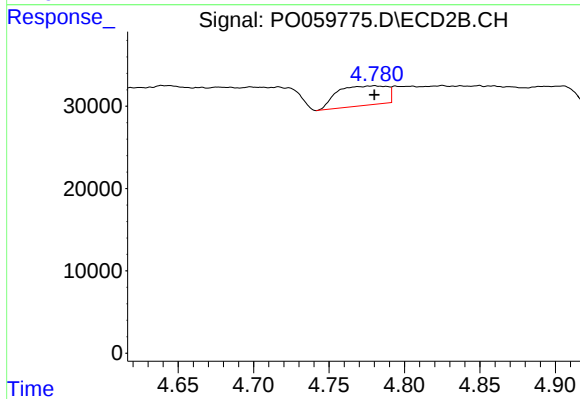
#5 AR-1016-3

R.T.: 4.780 min
Delta R.T.: 0.040 min
Response: 54640
Conc: 50.51 ng/ml



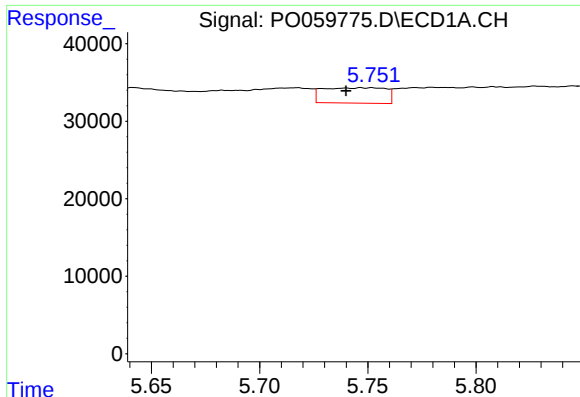
#6 AR-1016-4

R.T.: 5.464 min
Delta R.T.: 0.004 min
Response: -88
Conc: N.D.



#6 AR-1016-4

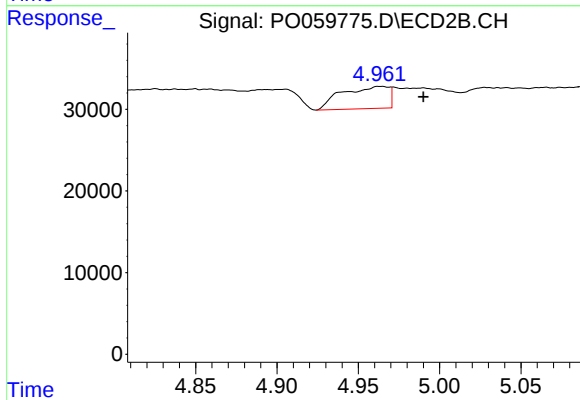
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 54640
Conc: 60.51 ng/ml



#7 AR-1016-5

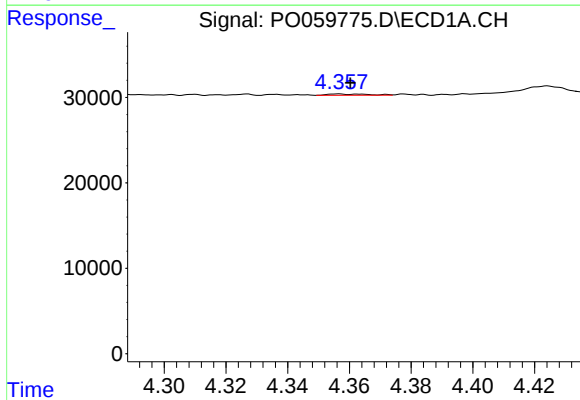
R.T.: 5.750 min
Delta R.T.: 0.010 min
Response: 40007
Conc: 31.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



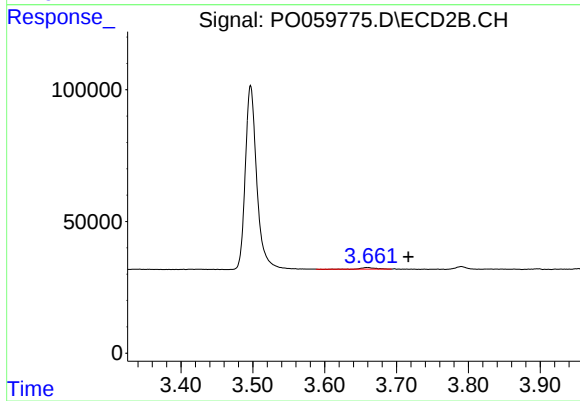
#7 AR-1016-5

R.T.: 4.964 min
Delta R.T.: -0.026 min
Response: 54585
Conc: 47.39 ng/ml



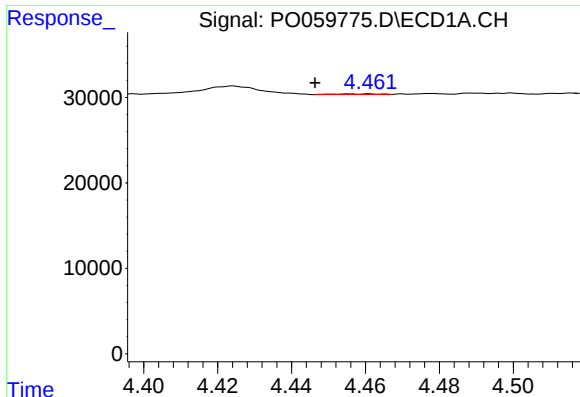
#8 AR-1221-1

R.T.: 4.356 min
Delta R.T.: -0.004 min
Response: 1295
Conc: 3.06 ng/ml



#8 AR-1221-1

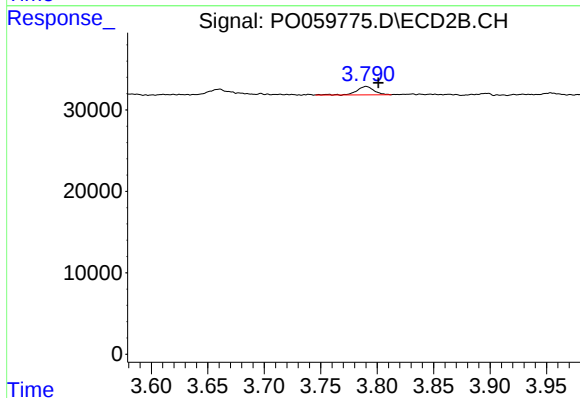
R.T.: 3.660 min
Delta R.T.: -0.056 min
Response: 7477
Conc: 18.63 ng/ml



#9 AR-1221-2

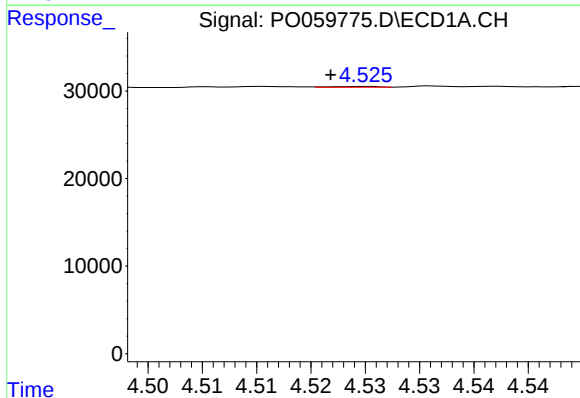
R.T.: 4.461 min
Delta R.T.: 0.014 min
Response: 606
Conc: 1.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



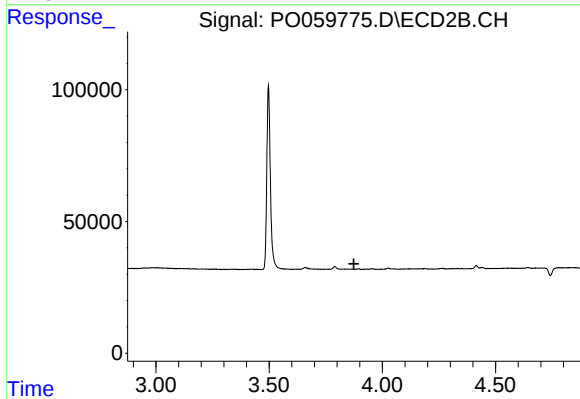
#9 AR-1221-2

R.T.: 3.790 min
Delta R.T.: -0.011 min
Response: 11014
Conc: 36.16 ng/ml



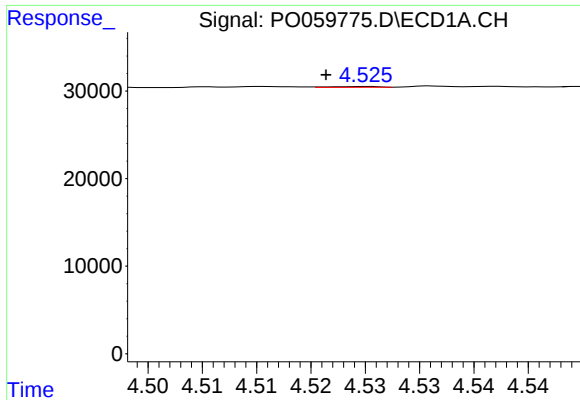
#10 AR-1221-3

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 246
Conc: 0.23 ng/ml



#10 AR-1221-3

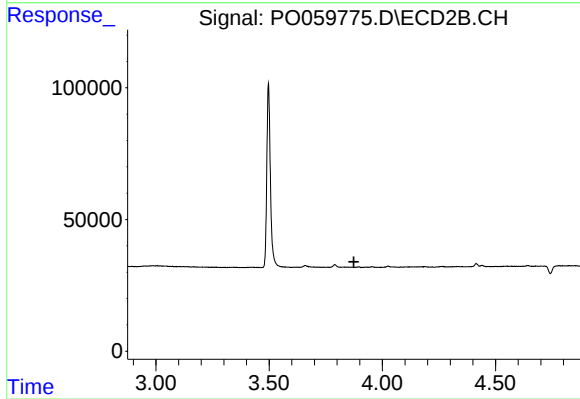
R.T.: 0.000 min
Exp R.T.: 3.874 min
Response: 0
Conc: N.D.



#11 AR-1232-1

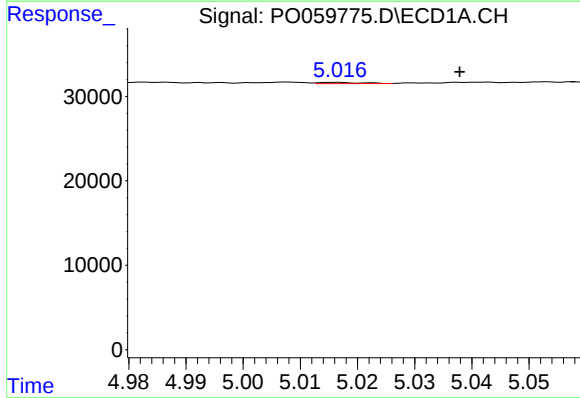
R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 246
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



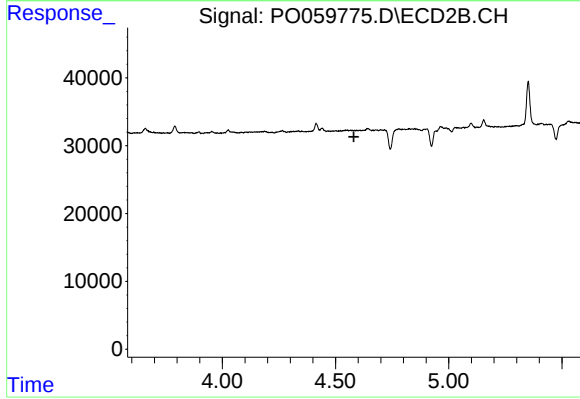
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



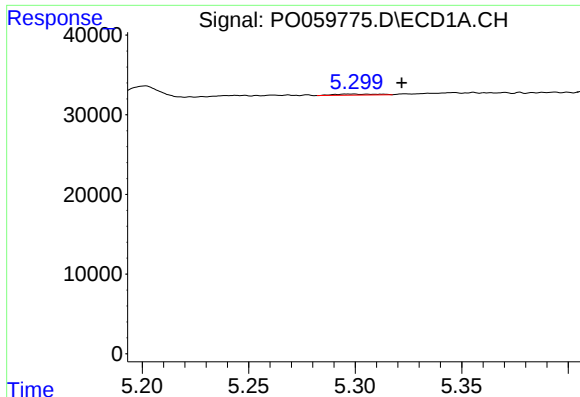
#12 AR-1232-2

R.T.: 5.016 min
Delta R.T.: -0.022 min
Response: 760
Conc: 1.08 ng/ml



#12 AR-1232-2

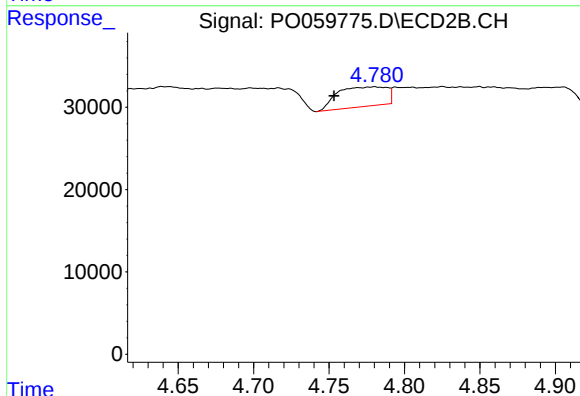
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

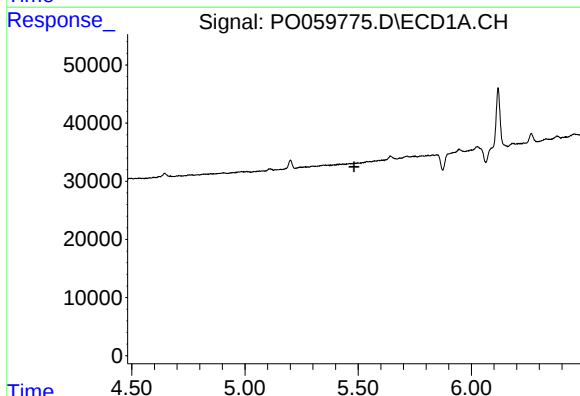
R.T.: 5.299 min
Delta R.T.: -0.023 min
Response: 1954
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



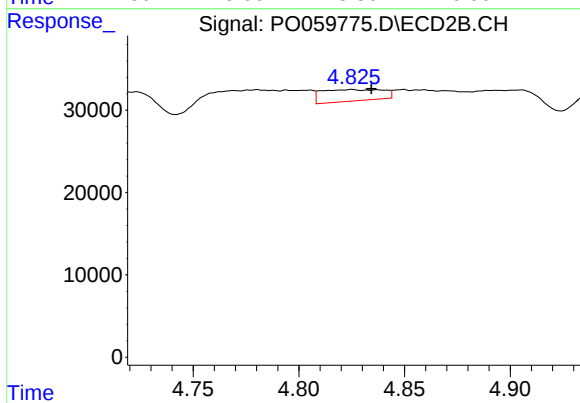
#13 AR-1232-3

R.T.: 4.780 min
Delta R.T.: 0.027 min
Response: 54640
Conc: 80.25 ng/ml



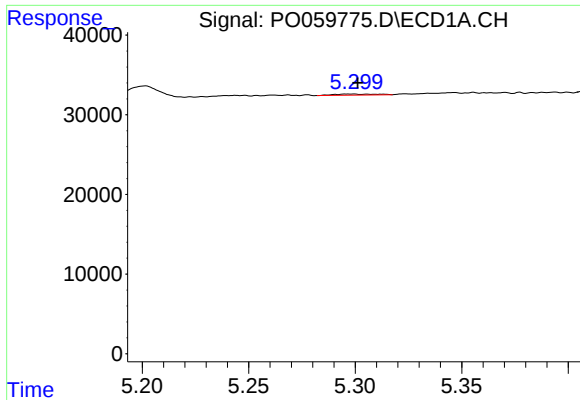
#14 AR-1232-4

R.T.: 5.464 min
Delta R.T.: -0.017 min
Response: -88
Conc: N.D.



#14 AR-1232-4

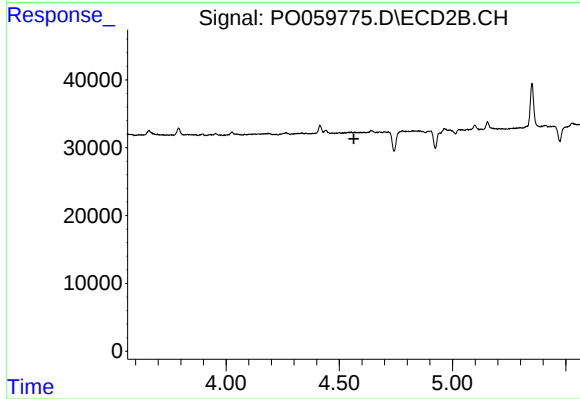
R.T.: 4.825 min
Delta R.T.: -0.009 min
Response: 27968
Conc: 45.84 ng/ml



#16 AR-1242-1

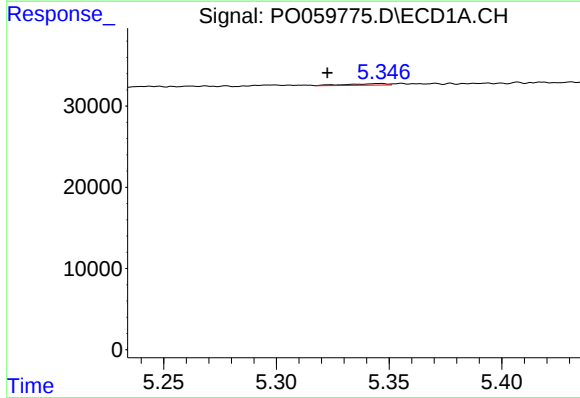
R.T.: 5.299 min
Delta R.T.: -0.003 min
Response: 1954
Conc: 1.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



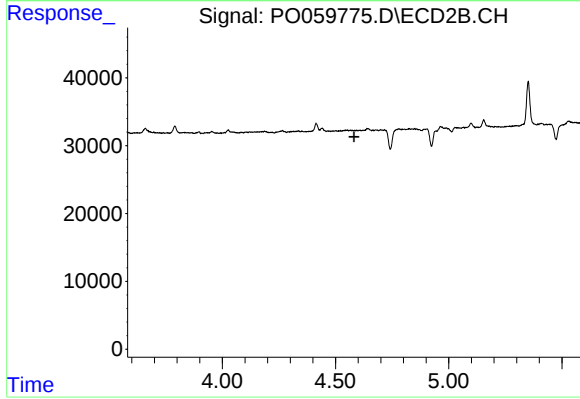
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



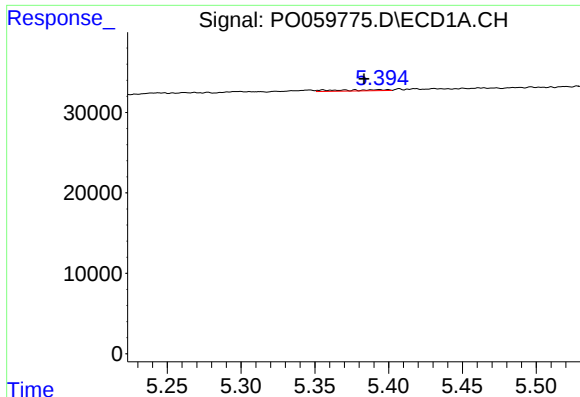
#17 AR-1242-2

R.T.: 5.346 min
Delta R.T.: 0.023 min
Response: 2462
Conc: 1.33 ng/ml



#17 AR-1242-2

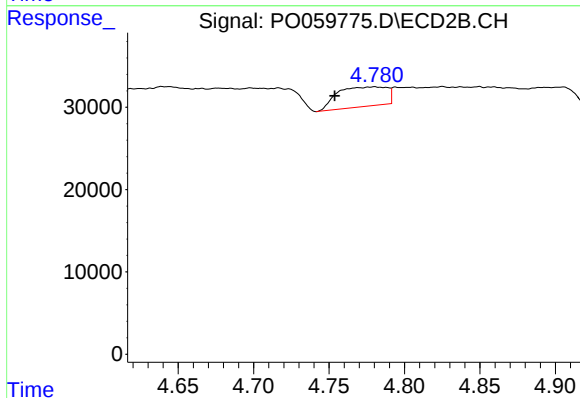
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#18 AR-1242-3

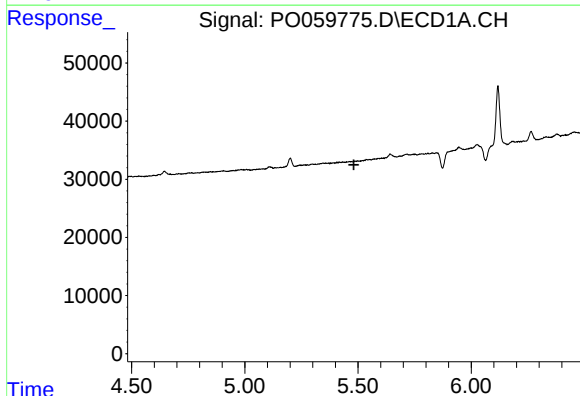
R.T.: 5.394 min
Delta R.T.: 0.010 min
Response: 3136
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



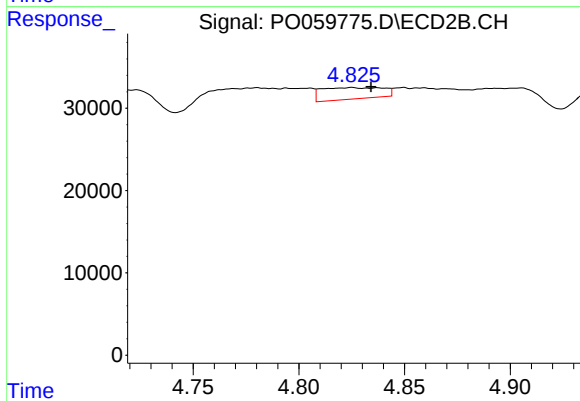
#18 AR-1242-3

R.T.: 4.780 min
Delta R.T.: 0.026 min
Response: 54640
Conc: 65.40 ng/ml



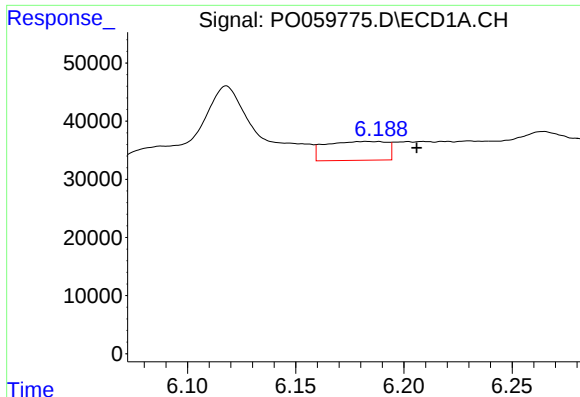
#19 AR-1242-4

R.T.: 5.464 min
Delta R.T.: -0.018 min
Response: -88
Conc: N.D.



#19 AR-1242-4

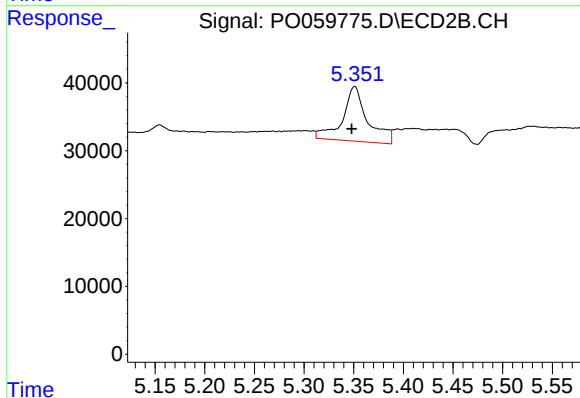
R.T.: 4.825 min
Delta R.T.: -0.009 min
Response: 27968
Conc: 33.52 ng/ml



#20 AR-1242-5

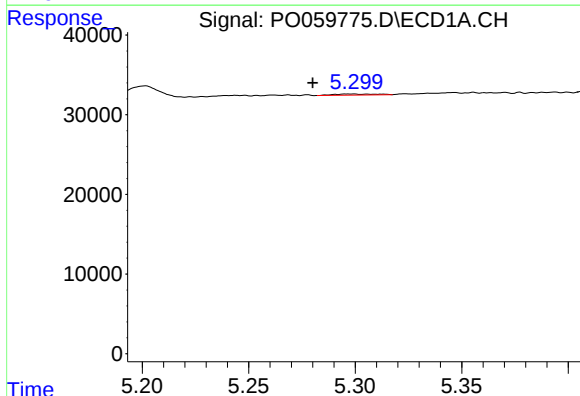
R.T.: 6.184 min
Delta R.T.: -0.022 min
Response: 63935
Conc: 50.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



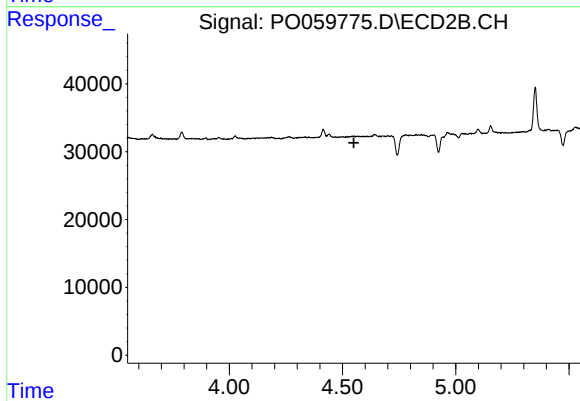
#20 AR-1242-5

R.T.: 5.351 min
Delta R.T.: 0.003 min
Response: 141898
Conc: 126.85 ng/ml



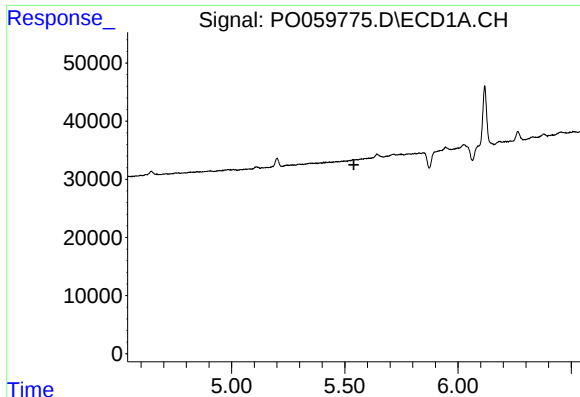
#21 AR-1248-1

R.T.: 5.299 min
Delta R.T.: 0.019 min
Response: 1954
Conc: 1.95 ng/ml



#21 AR-1248-1

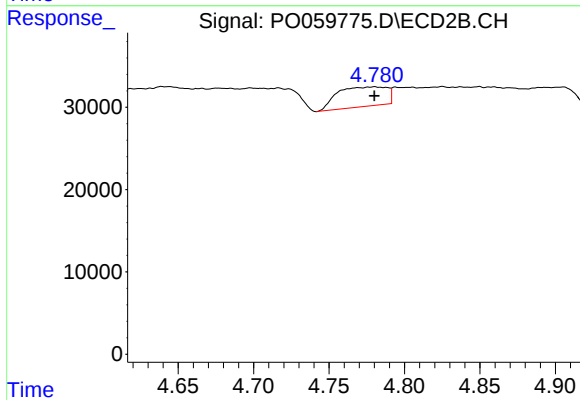
R.T.: 0.000 min
Exp R.T.: 4.550 min
Response: 0
Conc: N.D.



#22 AR-1248-2

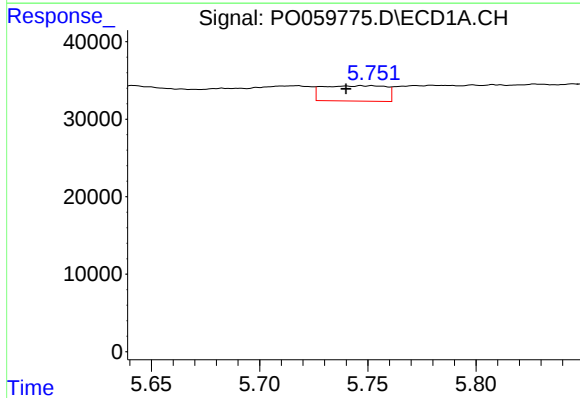
R.T.: 0.000 min
Exp R.T.: 5.540 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



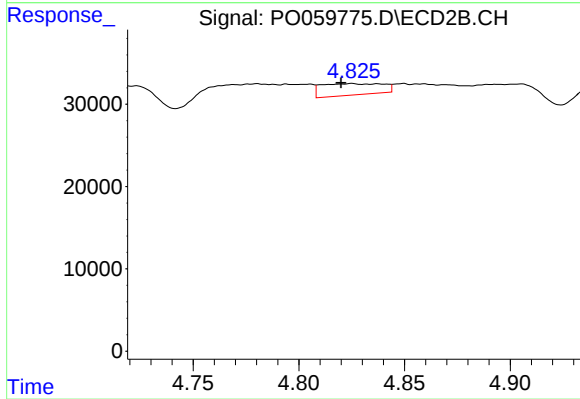
#22 AR-1248-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 54640
Conc: 47.38 ng/ml



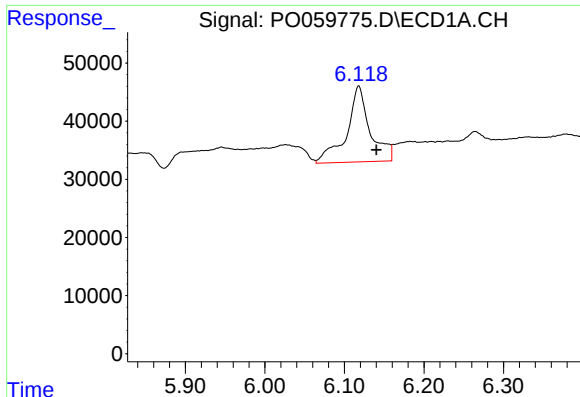
#23 AR-1248-3

R.T.: 5.750 min
Delta R.T.: 0.010 min
Response: 40007
Conc: 24.07 ng/ml



#23 AR-1248-3

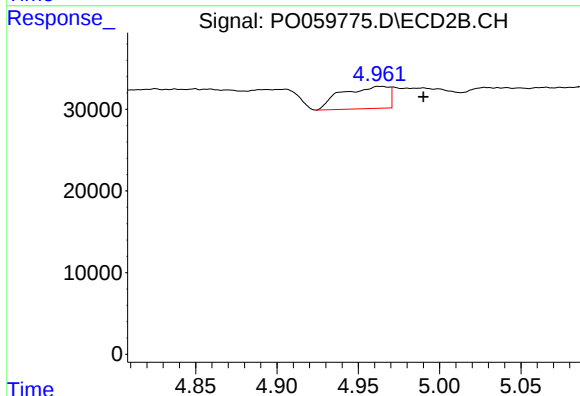
R.T.: 4.825 min
Delta R.T.: 0.005 min
Response: 27968
Conc: 23.55 ng/ml



#24 AR-1248-4

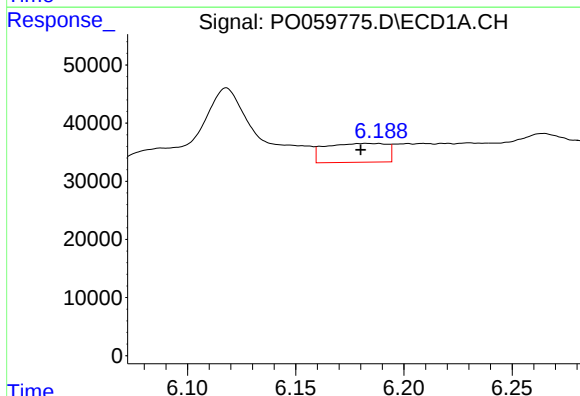
R.T.: 6.118 min
Delta R.T.: -0.022 min
Response: 267350
Conc: 130.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



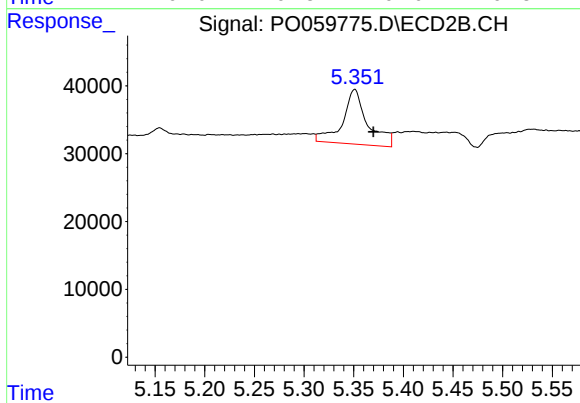
#24 AR-1248-4

R.T.: 4.964 min
Delta R.T.: -0.026 min
Response: 54585
Conc: 37.56 ng/ml



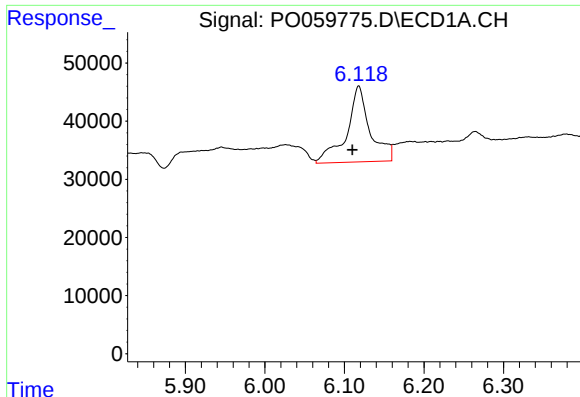
#25 AR-1248-5

R.T.: 6.184 min
Delta R.T.: 0.004 min
Response: 63935
Conc: 32.24 ng/ml



#25 AR-1248-5

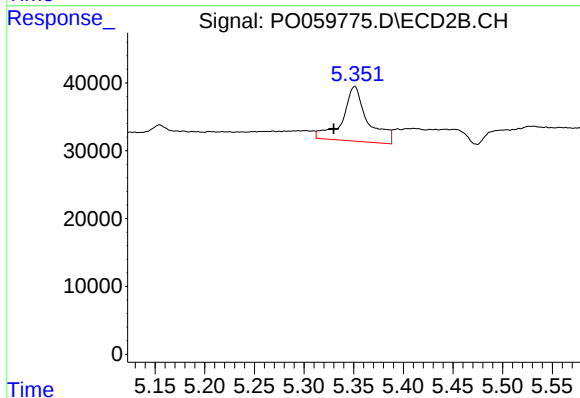
R.T.: 5.351 min
Delta R.T.: -0.019 min
Response: 141898
Conc: 99.14 ng/ml



#26 AR-1254-1

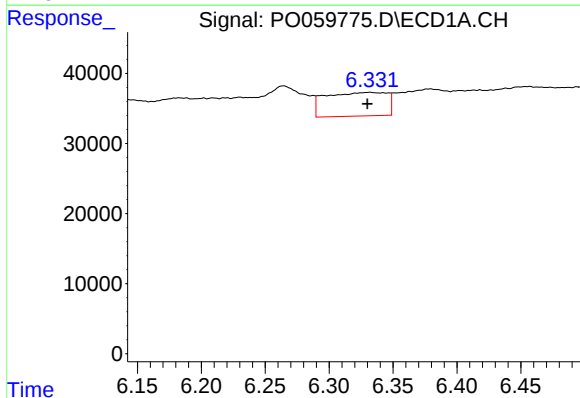
R.T.: 6.118 min
Delta R.T.: 0.008 min
Response: 267350
Conc: 128.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



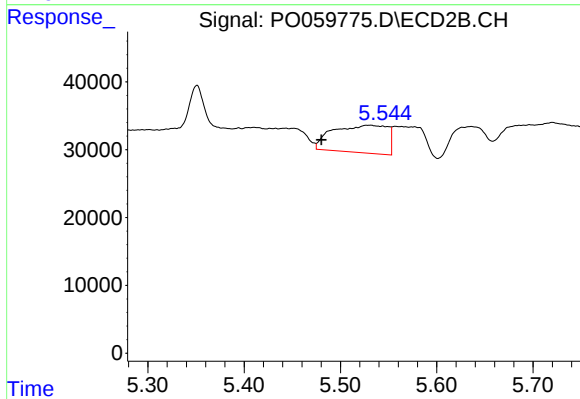
#26 AR-1254-1

R.T.: 5.351 min
Delta R.T.: 0.021 min
Response: 141898
Conc: 59.83 ng/ml



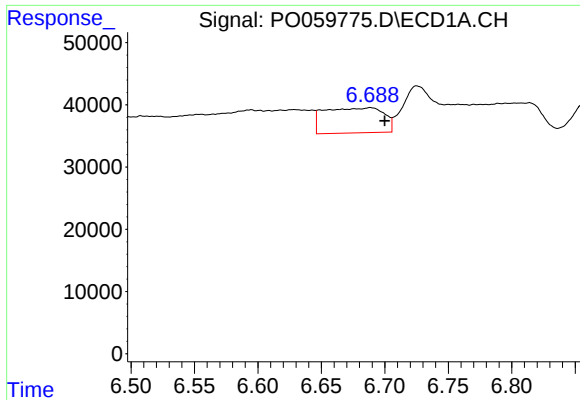
#27 AR-1254-2

R.T.: 6.331 min
Delta R.T.: 0.001 min
Response: 112478
Conc: 33.71 ng/ml



#27 AR-1254-2

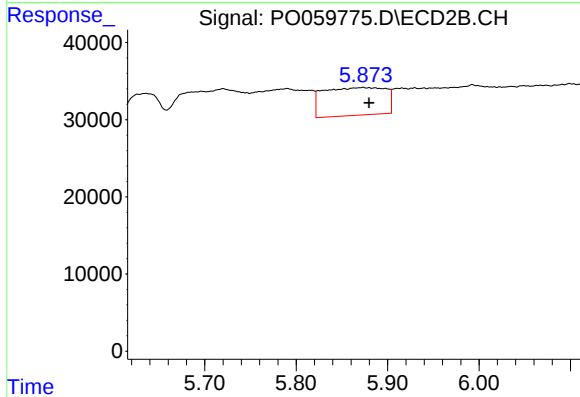
R.T.: 5.531 min
Delta R.T.: 0.051 min
Response: 159724
Conc: 76.12 ng/ml



#28 AR-1254-3

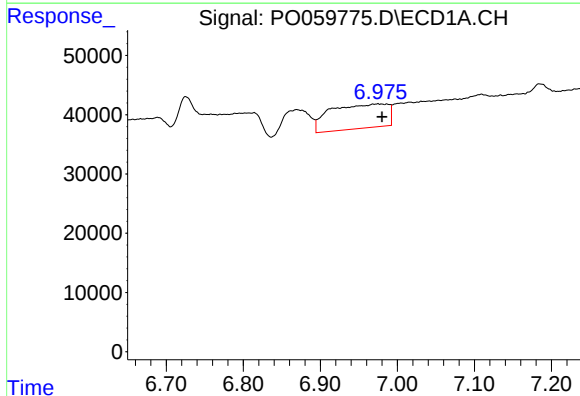
R.T.: 6.688 min
Delta R.T.: -0.012 min
Response: 131323
Conc: 37.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



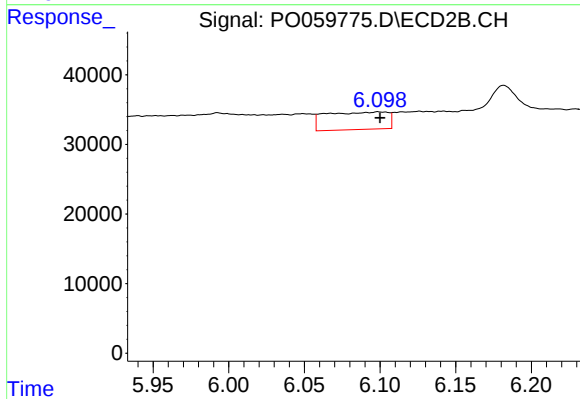
#28 AR-1254-3

R.T.: 5.873 min
Delta R.T.: -0.007 min
Response: 170357
Conc: 50.66 ng/ml



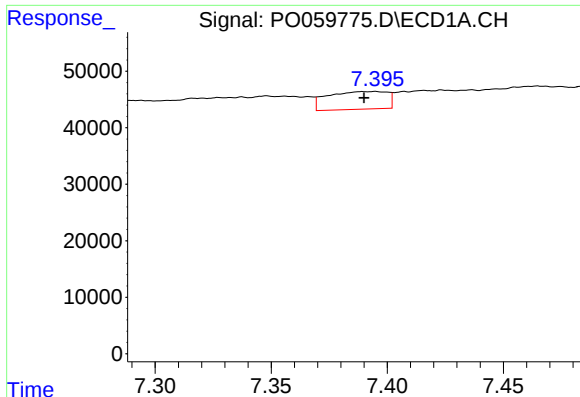
#29 AR-1254-4

R.T.: 6.975 min
Delta R.T.: -0.005 min
Response: 213072
Conc: 72.34 ng/ml



#29 AR-1254-4

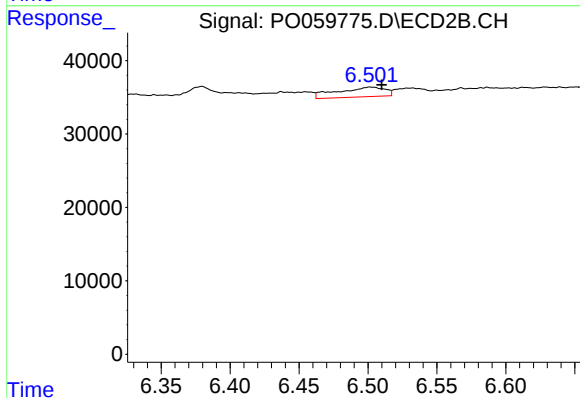
R.T.: 6.099 min
Delta R.T.: -0.001 min
Response: 71465
Conc: 34.66 ng/ml



#30 AR-1254-5

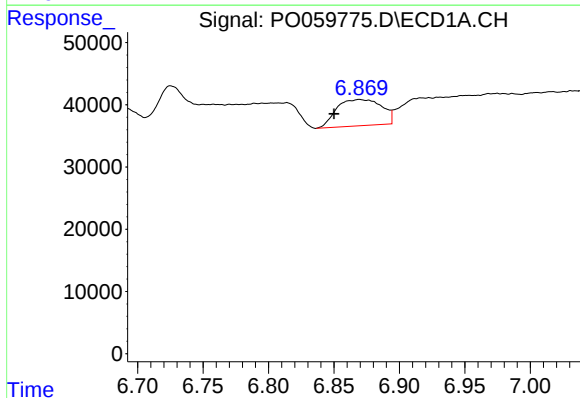
R.T.: 7.393 min
Delta R.T.: 0.003 min
Response: 56270
Conc: 18.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



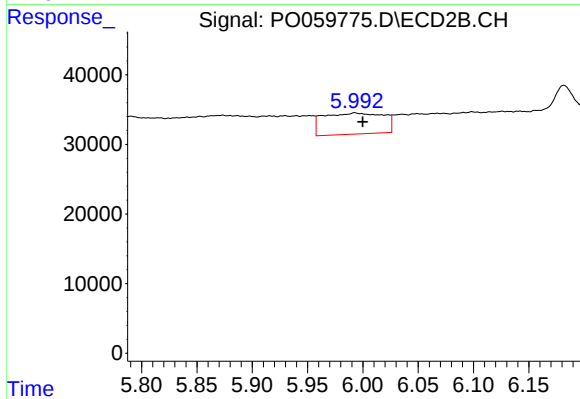
#30 AR-1254-5

R.T.: 6.502 min
Delta R.T.: -0.008 min
Response: 31831
Conc: 10.25 ng/ml



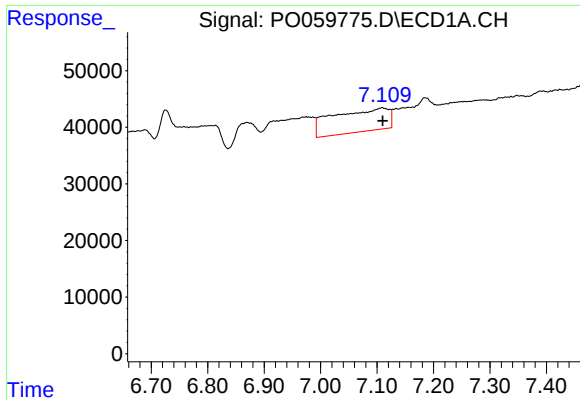
#31 AR-1260-1

R.T.: 6.870 min
Delta R.T.: 0.020 min
Response: 101281
Conc: 37.57 ng/ml



#31 AR-1260-1

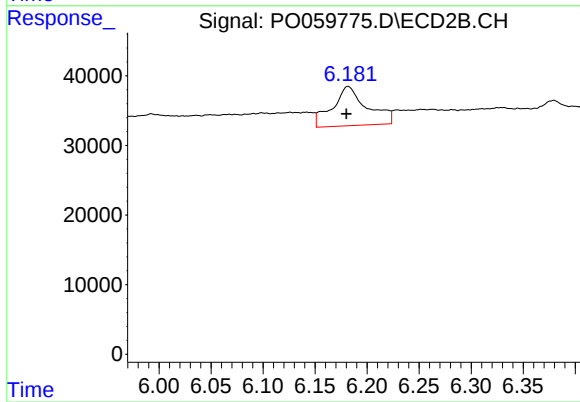
R.T.: 5.993 min
Delta R.T.: -0.007 min
Response: 114696
Conc: 50.33 ng/ml



#32 AR-1260-2

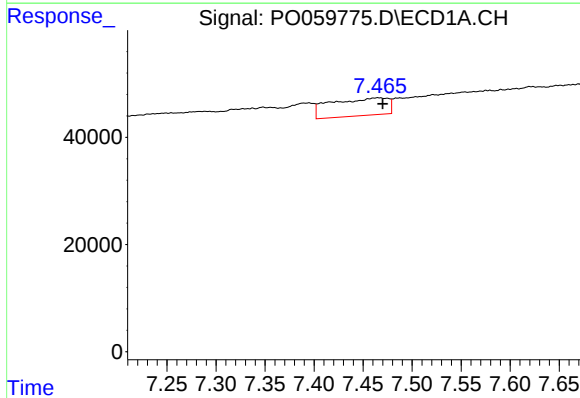
R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 278494
Conc: 75.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



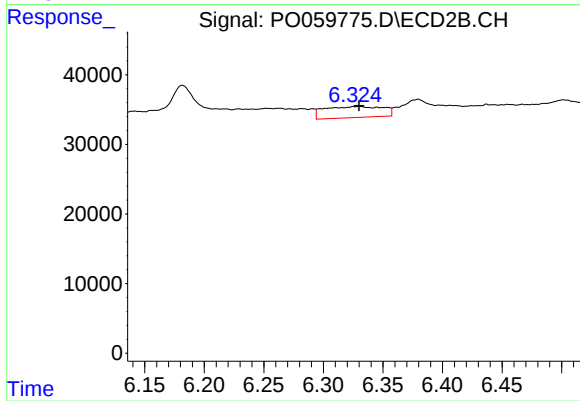
#32 AR-1260-2

R.T.: 6.182 min
Delta R.T.: 0.002 min
Response: 131005
Conc: 44.71 ng/ml



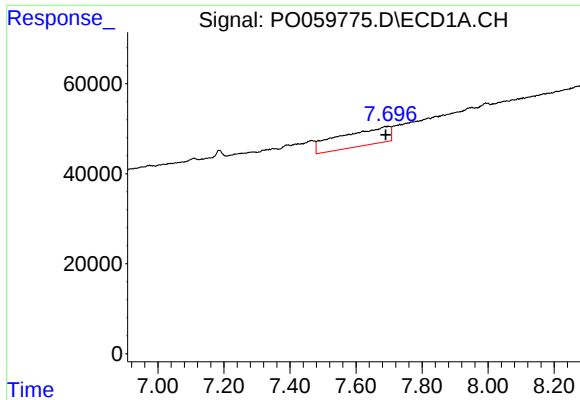
#33 AR-1260-3

R.T.: 7.465 min
Delta R.T.: -0.005 min
Response: 133847
Conc: 40.85 ng/ml



#33 AR-1260-3

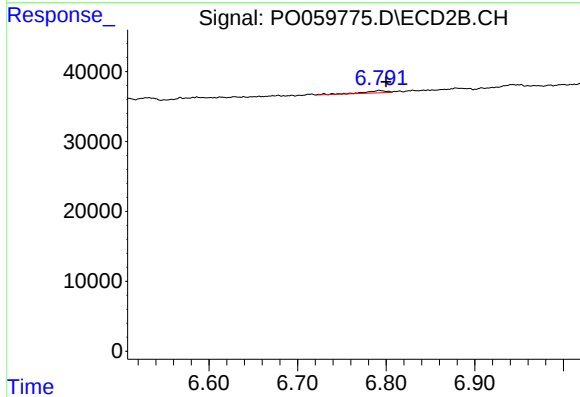
R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 54554
Conc: 20.59 ng/ml



#34 AR-1260-4

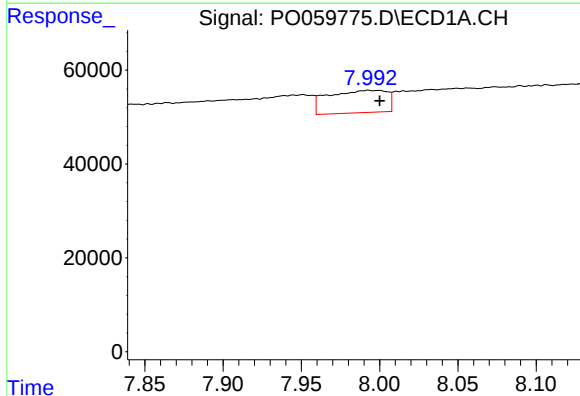
R.T.: 7.698 min
Delta R.T.: 0.008 min
Response: 412905
Conc: 134.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



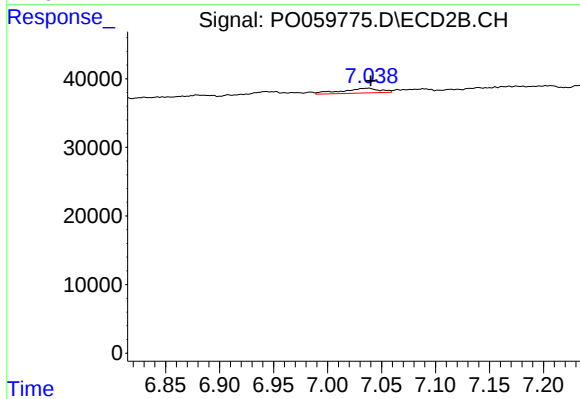
#34 AR-1260-4

R.T.: 6.792 min
Delta R.T.: -0.008 min
Response: 5972
Conc: 2.64 ng/ml



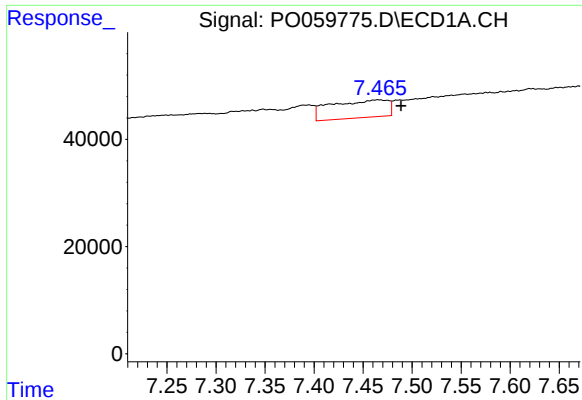
#35 AR-1260-5

R.T.: 7.994 min
Delta R.T.: -0.006 min
Response: 124962
Conc: 17.65 ng/ml



#35 AR-1260-5

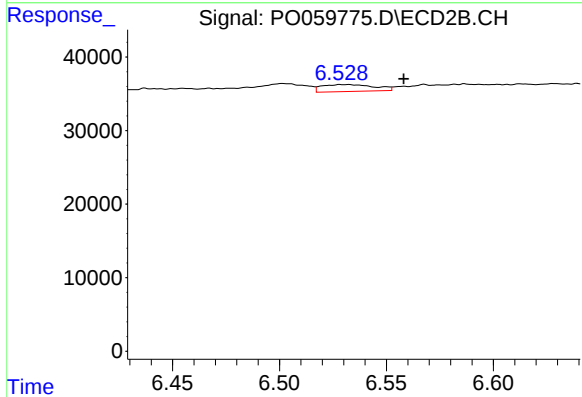
R.T.: 7.038 min
Delta R.T.: -0.002 min
Response: 16818
Conc: 3.06 ng/ml



#36 AR-1262-1

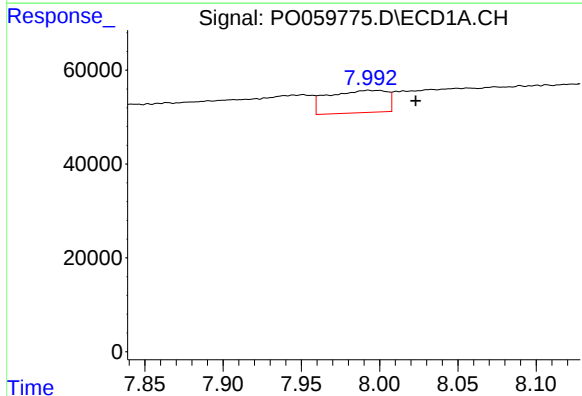
R.T.: 7.465 min
Delta R.T.: -0.024 min
Response: 133847
Conc: 27.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



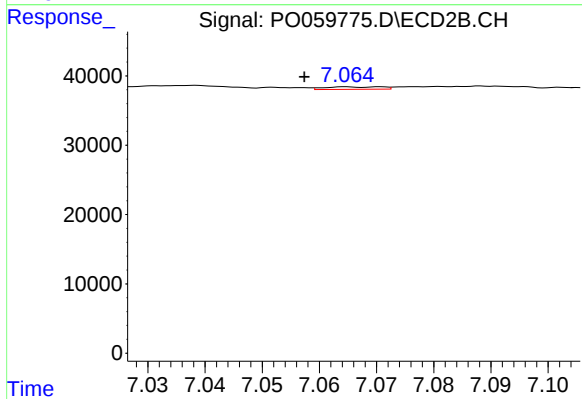
#36 AR-1262-1

R.T.: 6.532 min
Delta R.T.: -0.026 min
Response: 16069
Conc: 4.31 ng/ml



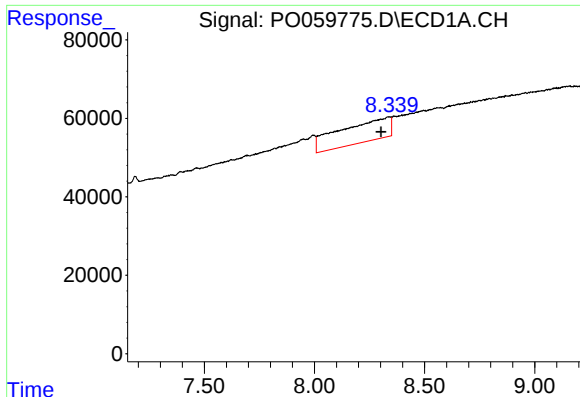
#37 AR-1262-2

R.T.: 7.994 min
Delta R.T.: -0.029 min
Response: 124962
Conc: 16.20 ng/ml



#37 AR-1262-2

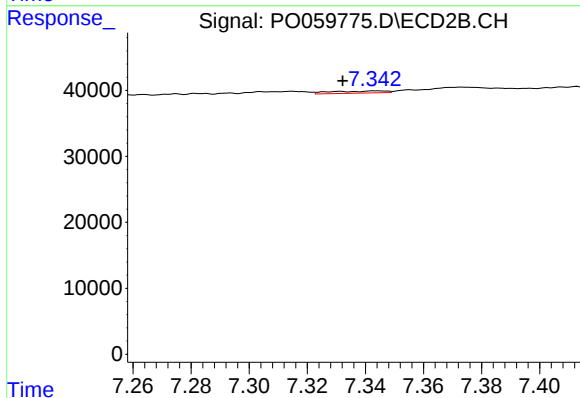
R.T.: 7.065 min
Delta R.T.: 0.007 min
Response: 2448
Conc: 0.42 ng/ml



#38 AR-1262-3

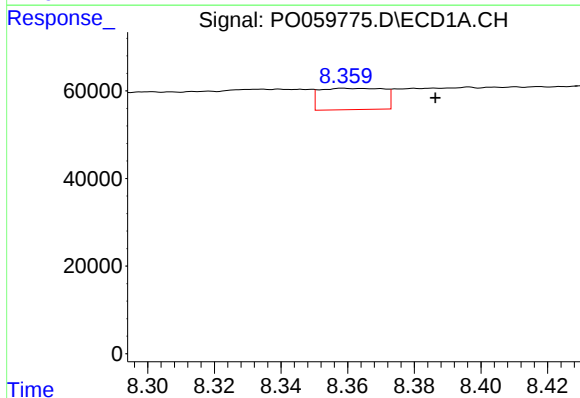
R.T.: 8.335 min
Delta R.T.: 0.032 min
Response: 928173
Conc: 181.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



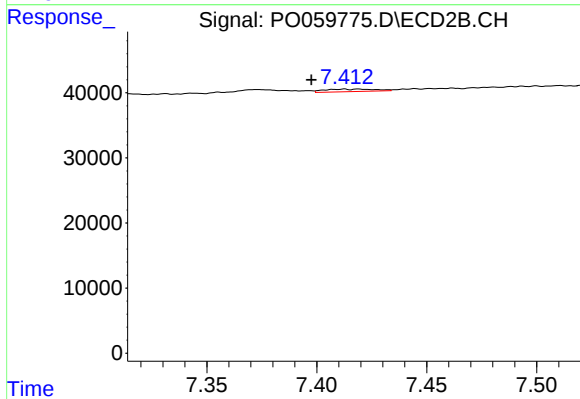
#38 AR-1262-3

R.T.: 7.344 min
Delta R.T.: 0.012 min
Response: 4188
Conc: 1.65 ng/ml



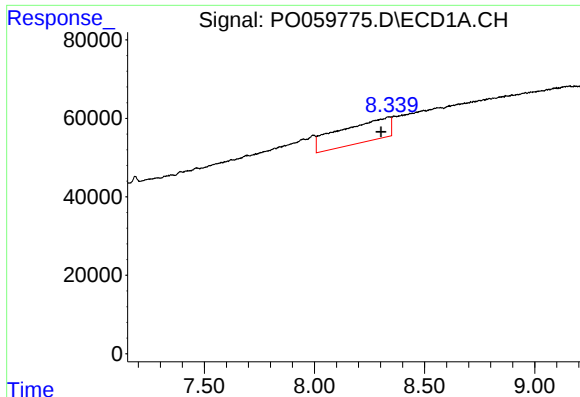
#39 AR-1262-4

R.T.: 8.361 min
Delta R.T.: -0.025 min
Response: 65006
Conc: 16.86 ng/ml



#39 AR-1262-4

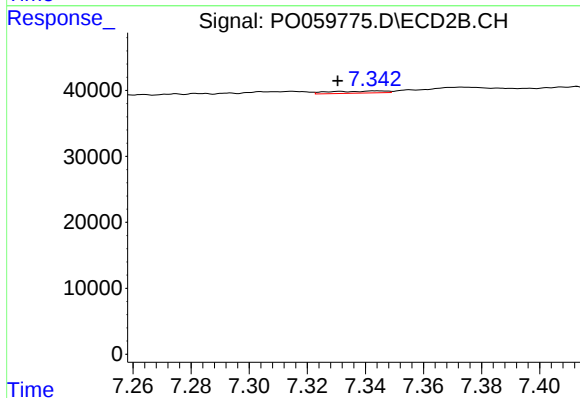
R.T.: 7.413 min
Delta R.T.: 0.015 min
Response: 6127
Conc: 1.39 ng/ml



#41 AR-1268-1

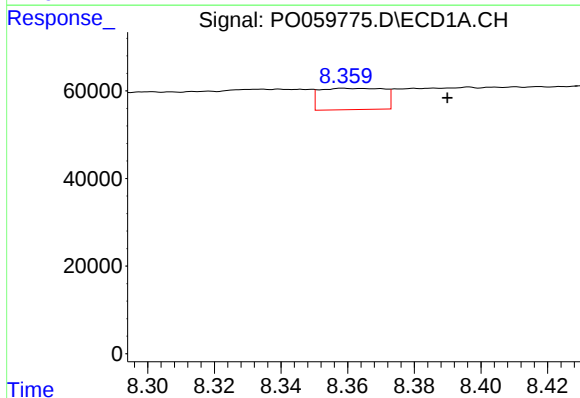
R.T.: 8.335 min
Delta R.T.: 0.033 min
Response: 928173
Conc: 98.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



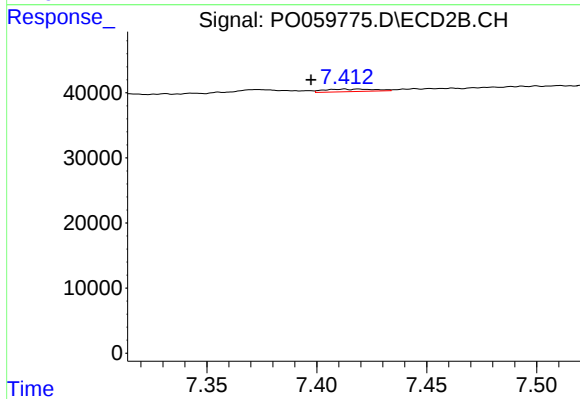
#41 AR-1268-1

R.T.: 7.344 min
Delta R.T.: 0.014 min
Response: 4188
Conc: 0.59 ng/ml



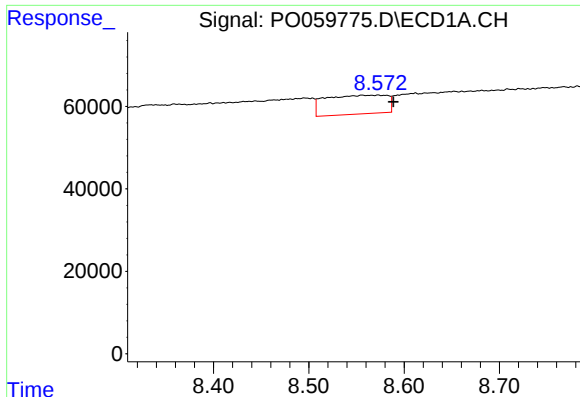
#42 AR-1268-2

R.T.: 8.361 min
Delta R.T.: -0.029 min
Response: 65006
Conc: 8.25 ng/ml



#42 AR-1268-2

R.T.: 7.413 min
Delta R.T.: 0.015 min
Response: 6127
Conc: 0.95 ng/ml



#43 AR-1268-3

R.T.: 8.573 min
Delta R.T.: -0.016 min
Response: 206632
Conc: 29.31 ng/ml

Instrument :
ECD_O
ClientSampleId :

#43 AR-1268-3

R.T.: 7.567 min
Delta R.T.: -0.025 min
Response: 2106
Conc: 0.38 ng/ml

#45 AR-1268-5

R.T.: 9.347 min
Delta R.T.: -0.003 min
Response: 7371
Conc: 0.40 ng/ml

#45 AR-1268-5

R.T.: 8.133 min
Delta R.T.: -0.024 min
Response: 6015
Conc: 0.41 ng/ml