

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112119\
 Data File : PO063953.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Nov 2019 13:51
 Operator : SM/AJ
 Sample : K5676-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SU-02-112019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 14:07:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 15 01:29:03 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...	4.313	3.565	1143184	890101	37.389	40.074
2)	SA Decachlor...	9.934	8.531	1019325	707865	25.085	24.203
Target Compounds							
3)	L1 AR-1016-1	5.409	4.643	63946	30560	46.044	29.821 #
4)	L1 AR-1016-2	0.000	4.669	0	61905	N.D.	45.436 #
5)	L1 AR-1016-3	5.598	4.836	44275	82987	35.443	111.448 #
6)	L1 AR-1016-4	5.634	4.886	51126	113871	49.708	182.776 #
7)	L1 AR-1016-5	5.970	5.120	76115	206	71.531	0.260 #
8)	L2 AR-1221-1	0.000	3.784	0	55356	N.D.	203.764 #
9)	L2 AR-1221-2	4.616	3.863	89736	241380	286.095	1147.964 #
10)	L2 AR-1221-3	4.616	0.000	89736	0	94.611	N.D. #
11)	L3 AR-1232-1	4.616	0.000	89736	0	67.466	N.D. #
12)	L3 AR-1232-2	5.222	4.669	76312	61905	107.011	61.433 #
13)	L3 AR-1232-3	0.000	4.836	0	82987	N.D.	156.788 #
14)	L3 AR-1232-4	5.634	4.940	51126	122622	68.868	261.177 #
15)	L3 AR-1232-5	5.701	5.120	98728	206	168.424	0.400 #
16)	L4 AR-1242-1	5.409	4.643	63946	30560	60.439	38.740 #
17)	L4 AR-1242-2	0.000	4.669	0	61905	N.D.	58.477 #
18)	L4 AR-1242-3	5.598	4.836	44275	82987	46.330	144.846 #
19)	L4 AR-1242-4	5.634	4.940	51126	122622	65.097	214.769 #
20)	L4 AR-1242-5	6.356	5.446	134881	35765	129.800	45.950 #
21)	L5 AR-1248-1	5.409	4.643	63946	30560	73.221	47.424 #
22)	L5 AR-1248-2	5.701	4.886	98728	113871	77.920	132.118 #
23)	L5 AR-1248-3	5.970	4.940	76115	122622	53.356	138.595 #
24)	L5 AR-1248-4	6.356	5.120	134881	206	77.925	0.192 #
25)	L5 AR-1248-5	6.356	5.488	134881	12505	79.970	11.212 #
26)	L6 AR-1254-1	6.329	5.446	105375	35765	60.317	20.186 #
27)	L6 AR-1254-2	6.546	5.640	166769	71782	59.823	45.525
28)	L6 AR-1254-3	6.916	6.004	71054	44878	22.633	16.737 #
29)	L6 AR-1254-4	7.186	6.205	90304	247997	36.521	139.848 #
30)	L6 AR-1254-5	7.606	6.628	49573	177579	18.289	71.068 #
31)	L7 AR-1260-1	7.065	6.127	59633	211860	29.549	134.907 #
32)	L7 AR-1260-2	7.317	6.290	47838	338739	18.988	172.200 #
33)	L7 AR-1260-3	7.682	6.461	21462	212333	10.593	119.055 #
34)	L7 AR-1260-4	7.919	6.965	148166	671032	62.216	426.198 #
35)	L7 AR-1260-5	8.213	7.166	16122	325208	3.434	83.883 #
36)	L8 AR-1262-1	7.682	6.777	21462	225809	6.666	215.977 #
37)	L8 AR-1262-2	8.213	7.166	16122	325208	2.737	68.563 #
39)	L8 AR-1262-4	0.000	7.539	0	1658888	N.D.	469.882 #
40)	L8 AR-1262-5	9.190	0.000	125728	0	57.717	N.D. #
42)	L9 AR-1268-2	0.000	7.539	0	1658888	N.D.	332.881 #
44)	L9 AR-1268-4	9.190	0.000	125728	0	51.723	N.D. #

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Volume Inj. : 2 µl
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 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	0.000	8.250	0	826053	N.D.	69.840 #

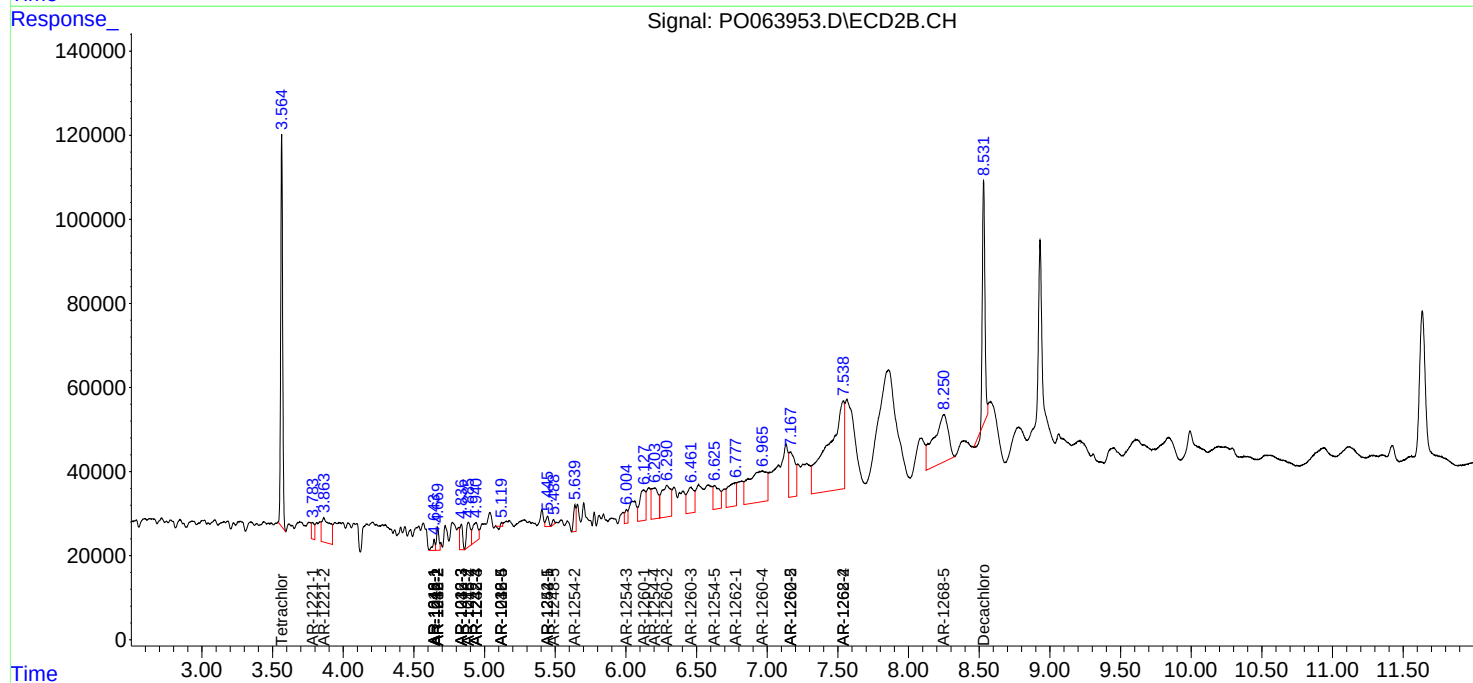
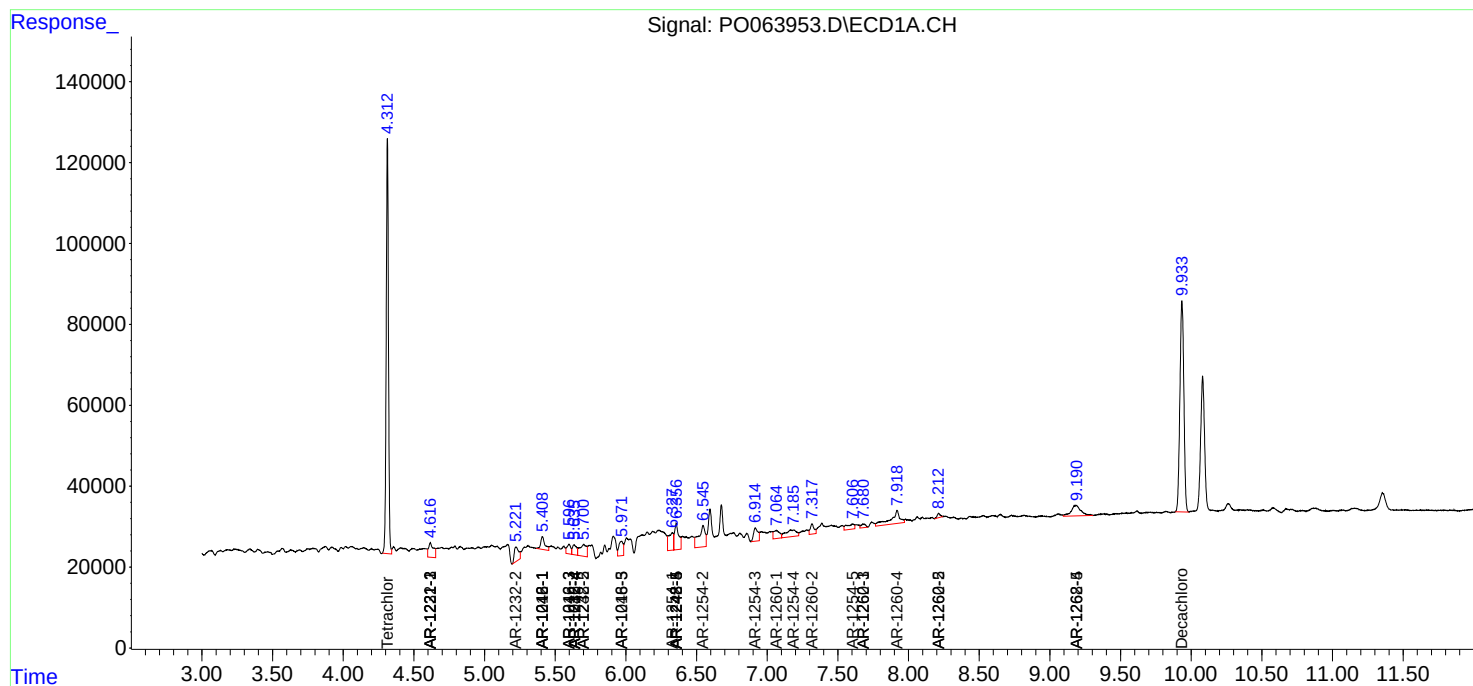
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

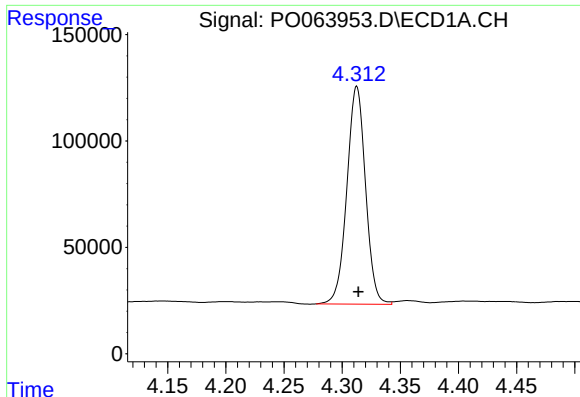
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112119\
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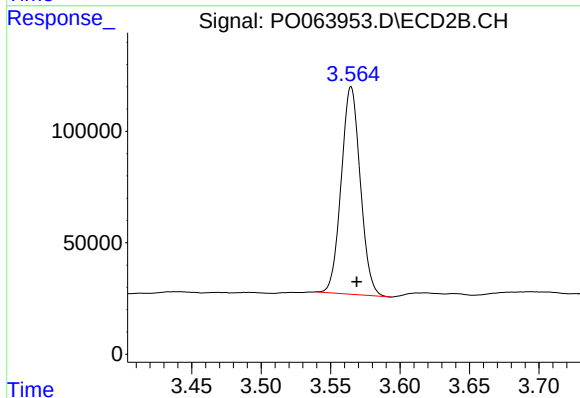




#1 Tetrachloro-m-xylene

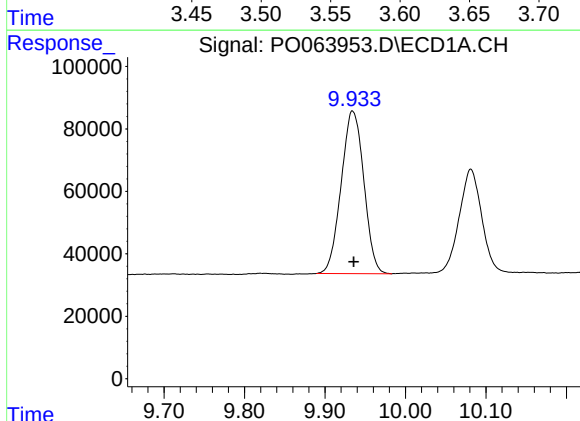
R.T.: 4.313 min
Delta R.T.: -0.001 min
Response: 1143184
Conc: 37.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



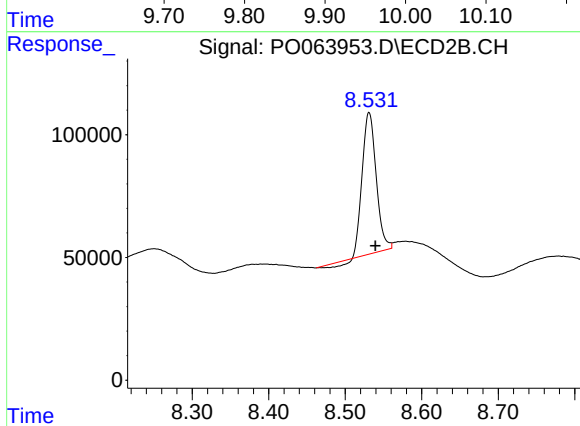
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: -0.004 min
Response: 890101
Conc: 40.07 ng/ml



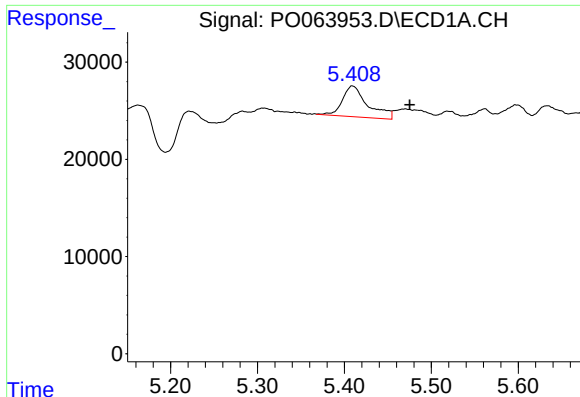
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: -0.001 min
Response: 1019325
Conc: 25.09 ng/ml



#2 Decachlorobiphenyl

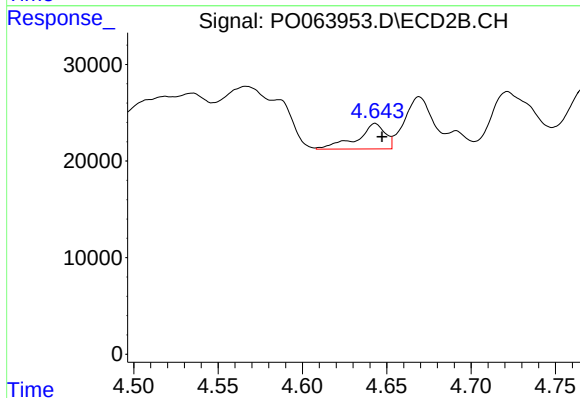
R.T.: 8.531 min
Delta R.T.: -0.008 min
Response: 707865
Conc: 24.20 ng/ml



#3 AR-1016-1

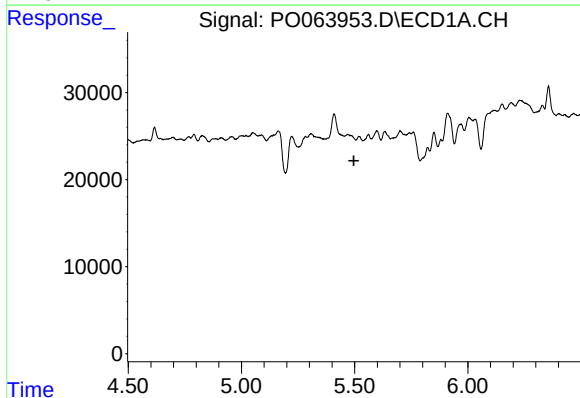
R.T.: 5.409 min
Delta R.T.: -0.066 min
Response: 63946
Conc: 46.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



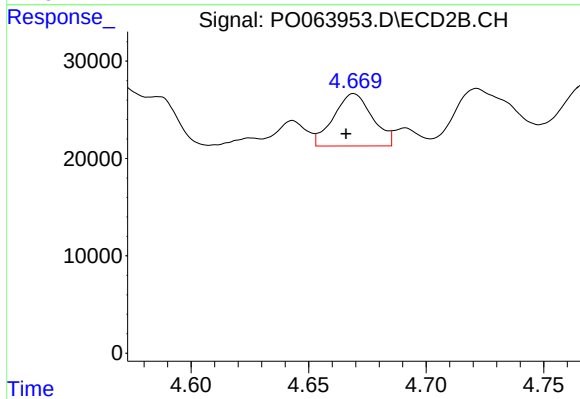
#3 AR-1016-1

R.T.: 4.643 min
Delta R.T.: -0.004 min
Response: 30560
Conc: 29.82 ng/ml



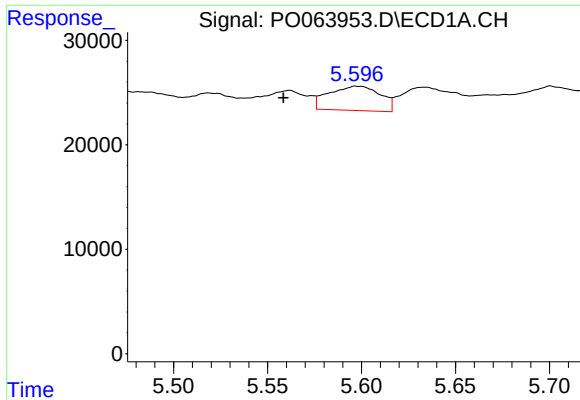
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.497 min
Response: 0
Conc: N.D.



#4 AR-1016-2

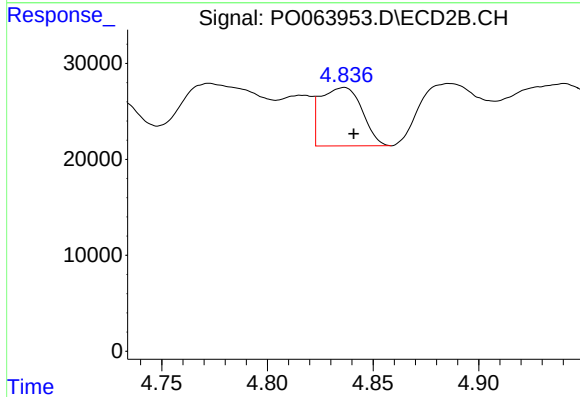
R.T.: 4.669 min
Delta R.T.: 0.003 min
Response: 61905
Conc: 45.44 ng/ml



#5 AR-1016-3

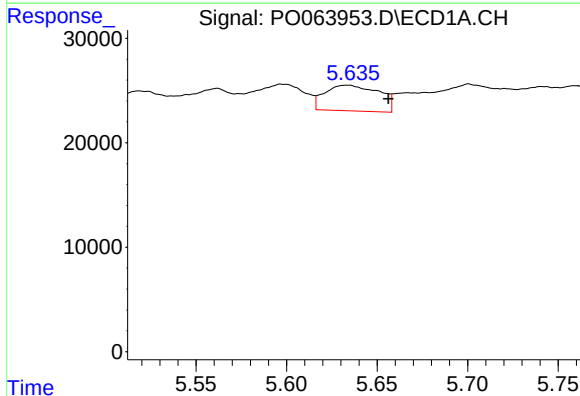
R.T.: 5.598 min
Delta R.T.: 0.039 min
Response: 44275
Conc: 35.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



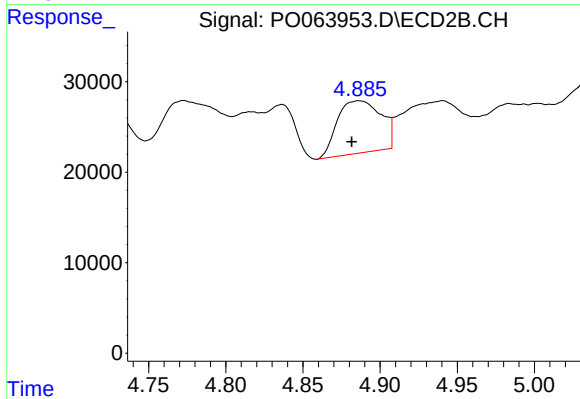
#5 AR-1016-3

R.T.: 4.836 min
Delta R.T.: -0.005 min
Response: 82987
Conc: 111.45 ng/ml



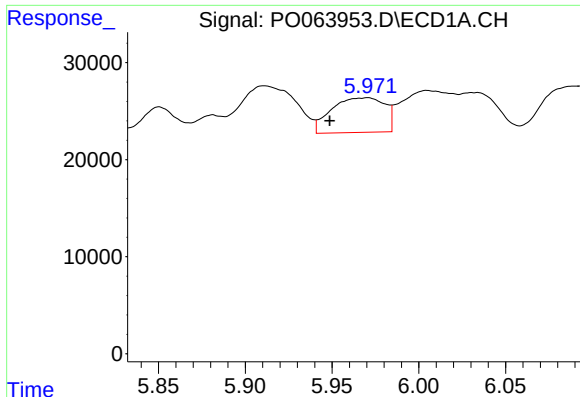
#6 AR-1016-4

R.T.: 5.634 min
Delta R.T.: -0.023 min
Response: 51126
Conc: 49.71 ng/ml



#6 AR-1016-4

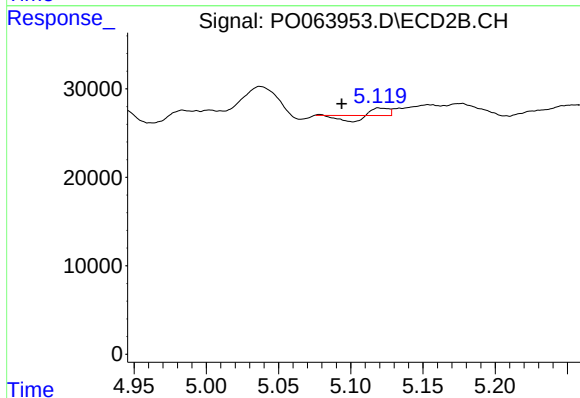
R.T.: 4.886 min
Delta R.T.: 0.005 min
Response: 113871
Conc: 182.78 ng/ml



#7 AR-1016-5

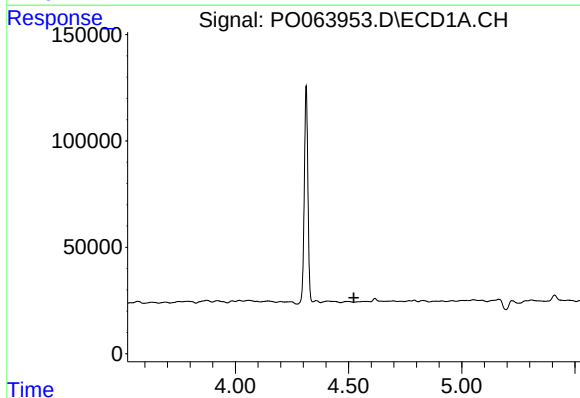
R.T.: 5.970 min
Delta R.T.: 0.022 min
Response: 76115
Conc: 71.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



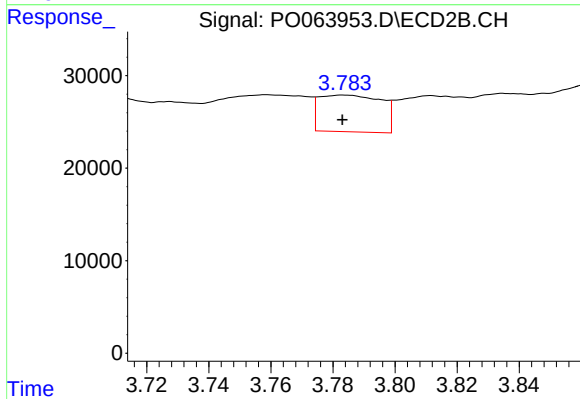
#7 AR-1016-5

R.T.: 5.120 min
Delta R.T.: 0.026 min
Response: 206
Conc: 0.26 ng/ml



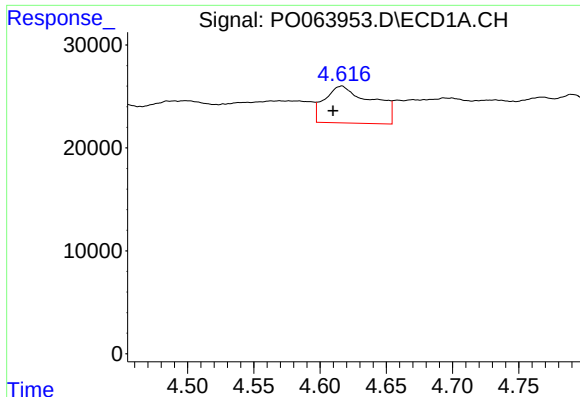
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.523 min
Response: 0
Conc: N.D.



#8 AR-1221-1

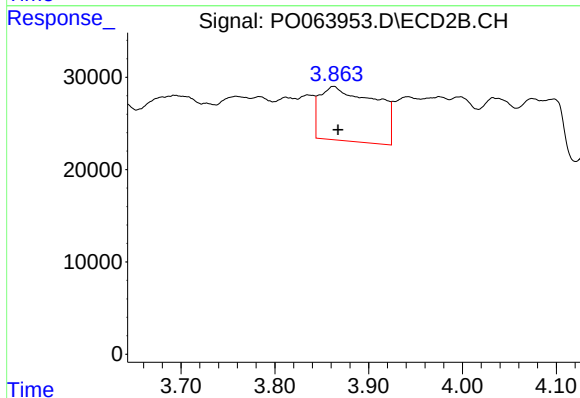
R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 55356
Conc: 203.76 ng/ml



#9 AR-1221-2

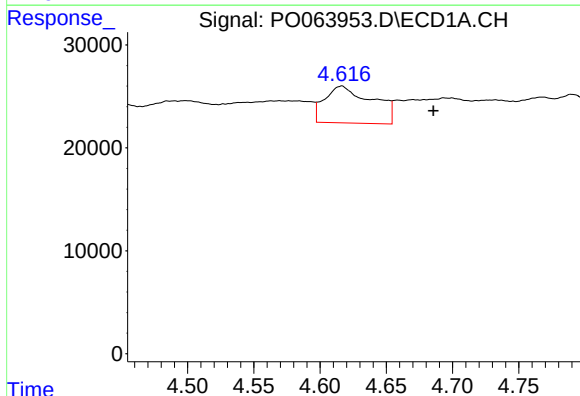
R.T.: 4.616 min
Delta R.T.: 0.006 min
Response: 89736
Conc: 286.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



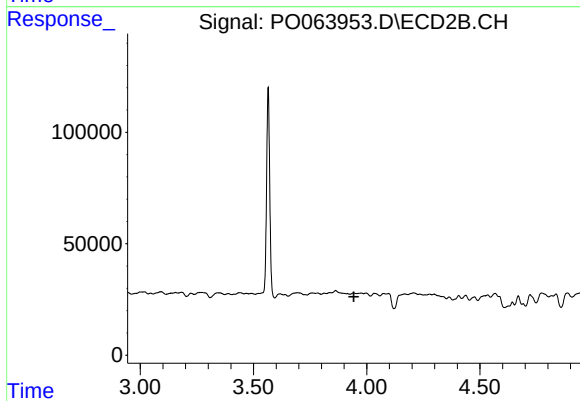
#9 AR-1221-2

R.T.: 3.863 min
Delta R.T.: -0.005 min
Response: 241380
Conc: 1147.96 ng/ml



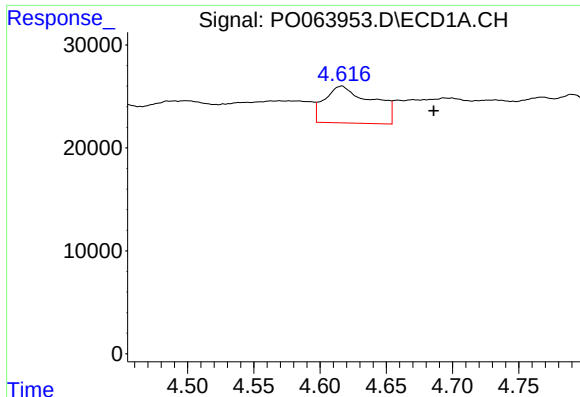
#10 AR-1221-3

R.T.: 4.616 min
Delta R.T.: -0.069 min
Response: 89736
Conc: 94.61 ng/ml



#10 AR-1221-3

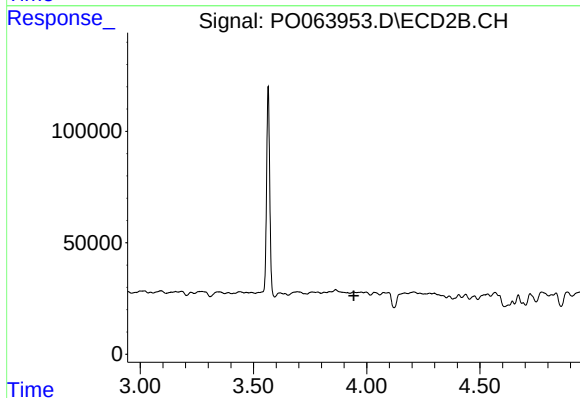
R.T.: 0.000 min
Exp R.T.: 3.944 min
Response: 0
Conc: N.D.



#11 AR-1232-1

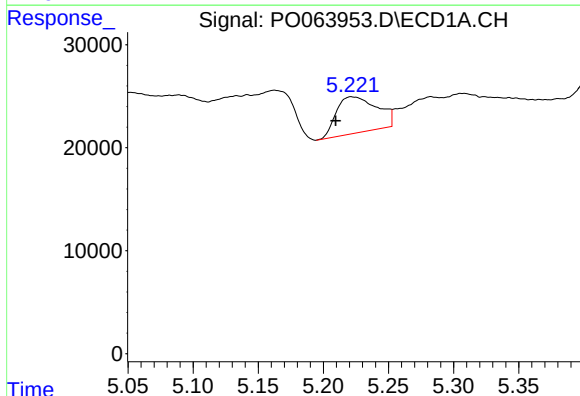
R.T.: 4.616 min
Delta R.T.: -0.070 min
Response: 89736
Conc: 67.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
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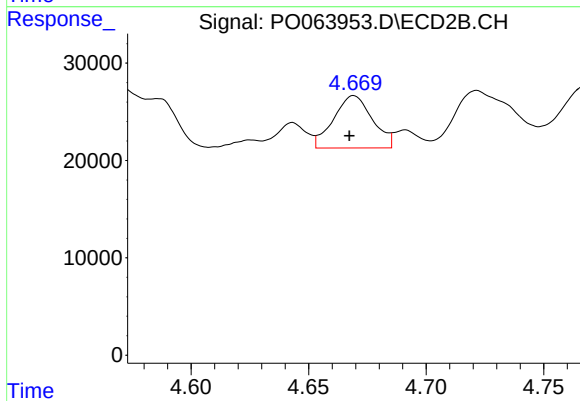
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.943 min
Response: 0
Conc: N.D.



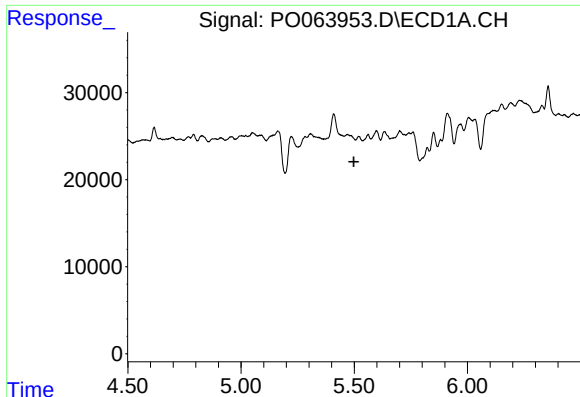
#12 AR-1232-2

R.T.: 5.222 min
Delta R.T.: 0.012 min
Response: 76312
Conc: 107.01 ng/ml



#12 AR-1232-2

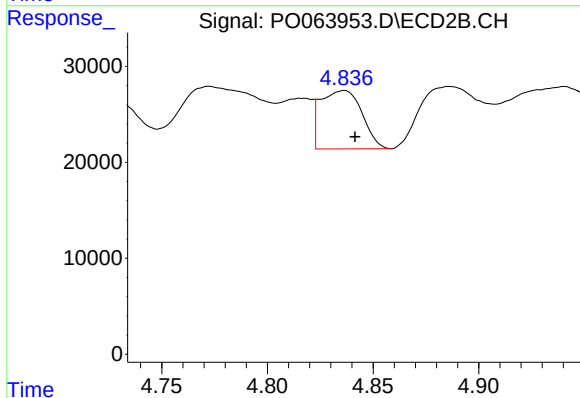
R.T.: 4.669 min
Delta R.T.: 0.002 min
Response: 61905
Conc: 61.43 ng/ml



#13 AR-1232-3

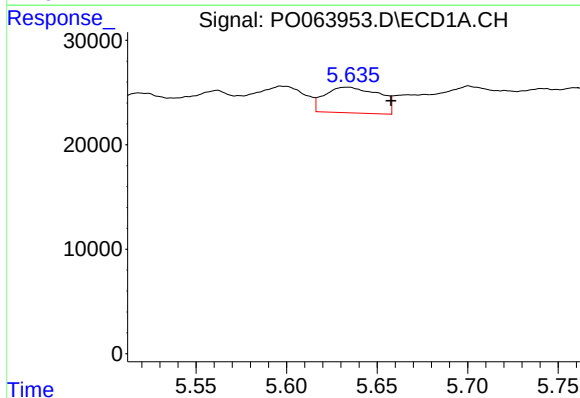
R.T.: 0.000 min
Exp R.T.: 5.498 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
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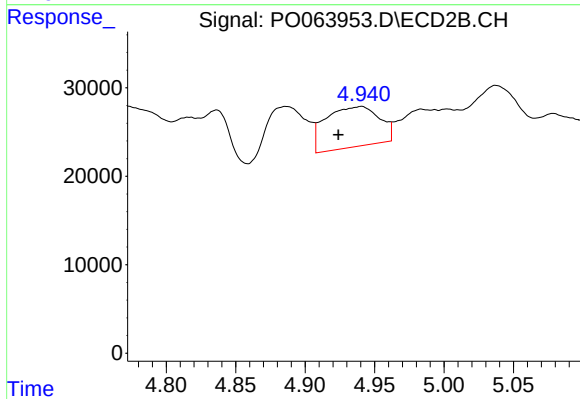
#13 AR-1232-3

R.T.: 4.836 min
Delta R.T.: -0.005 min
Response: 82987
Conc: 156.79 ng/ml



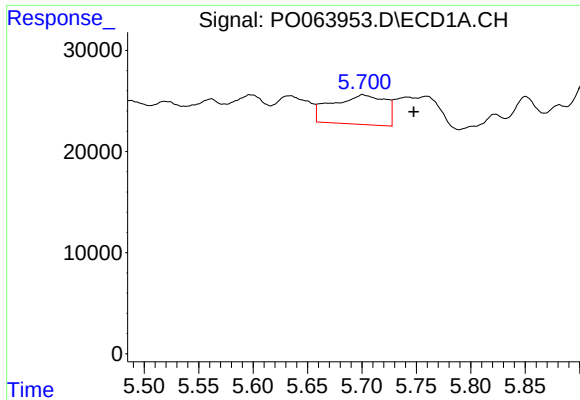
#14 AR-1232-4

R.T.: 5.634 min
Delta R.T.: -0.024 min
Response: 51126
Conc: 68.87 ng/ml



#14 AR-1232-4

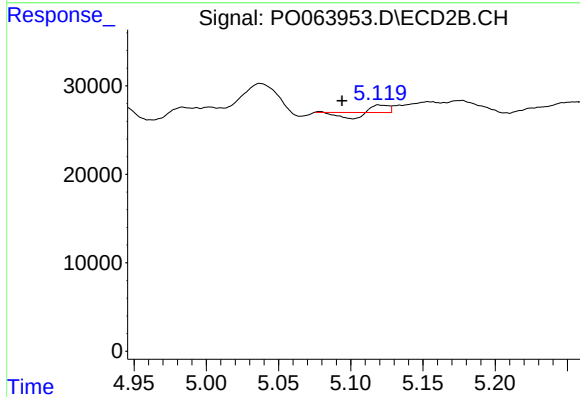
R.T.: 4.940 min
Delta R.T.: 0.016 min
Response: 122622
Conc: 261.18 ng/ml



#15 AR-1232-5

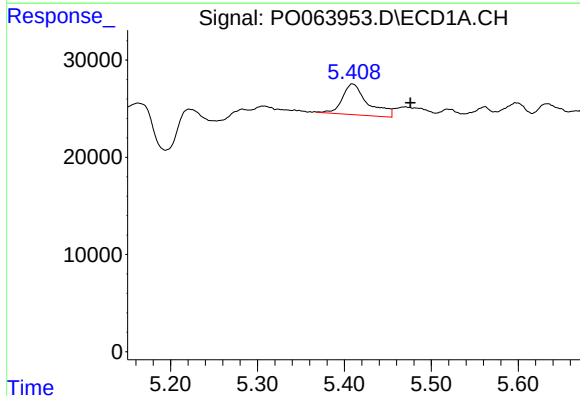
R.T.: 5.701 min
Delta R.T.: -0.047 min
Response: 98728
Conc: 168.42 ng/ml

Instrument :
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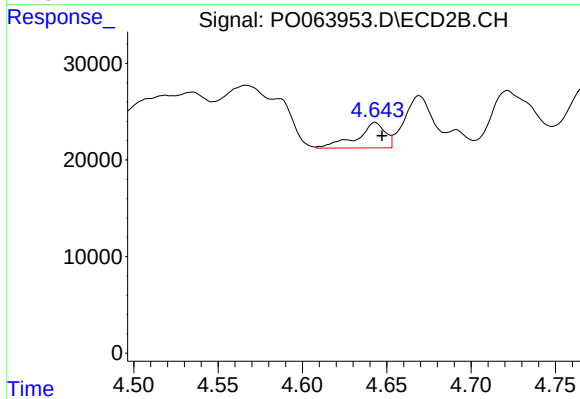
#15 AR-1232-5

R.T.: 5.120 min
Delta R.T.: 0.026 min
Response: 206
Conc: 0.40 ng/ml



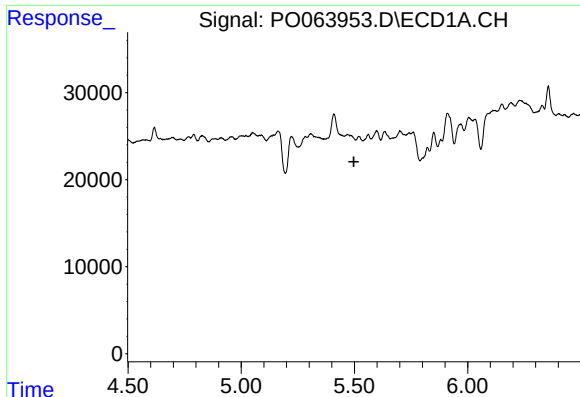
#16 AR-1242-1

R.T.: 5.409 min
Delta R.T.: -0.066 min
Response: 63946
Conc: 60.44 ng/ml



#16 AR-1242-1

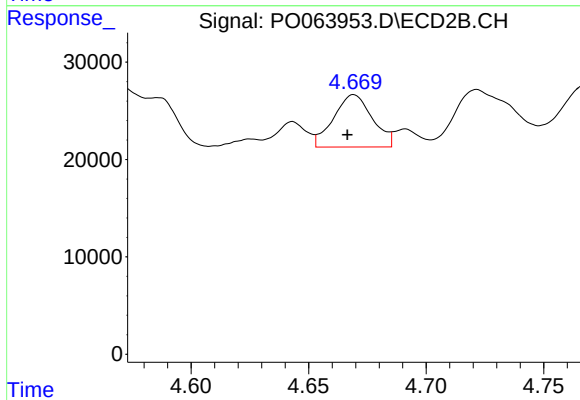
R.T.: 4.643 min
Delta R.T.: -0.004 min
Response: 30560
Conc: 38.74 ng/ml



#17 AR-1242-2

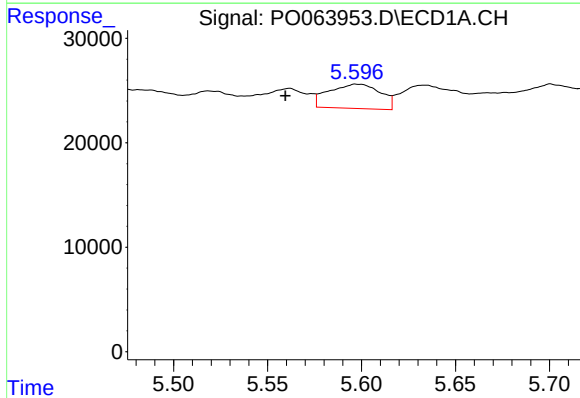
R.T.: 0.000 min
Exp R.T.: 5.497 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



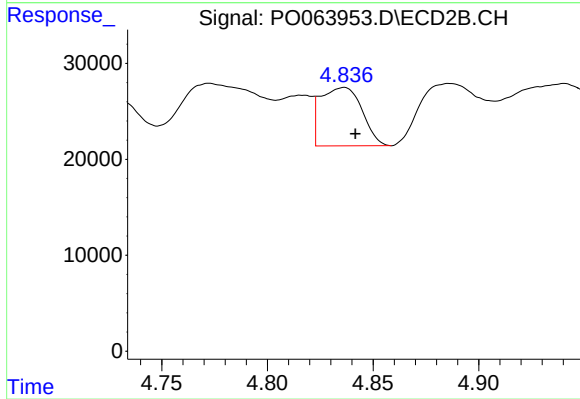
#17 AR-1242-2

R.T.: 4.669 min
Delta R.T.: 0.003 min
Response: 61905
Conc: 58.48 ng/ml



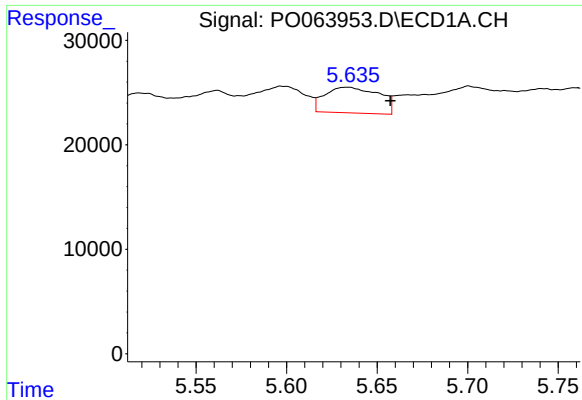
#18 AR-1242-3

R.T.: 5.598 min
Delta R.T.: 0.038 min
Response: 44275
Conc: 46.33 ng/ml



#18 AR-1242-3

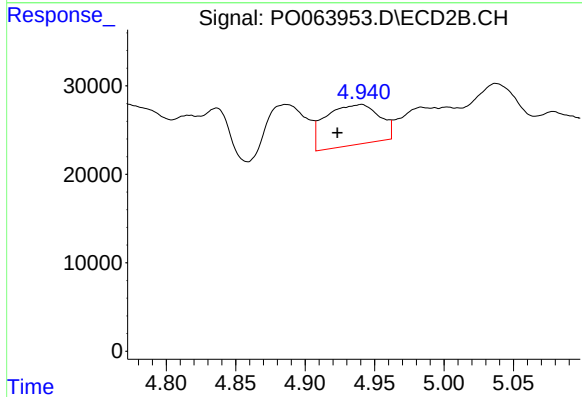
R.T.: 4.836 min
Delta R.T.: -0.005 min
Response: 82987
Conc: 144.85 ng/ml



#19 AR-1242-4

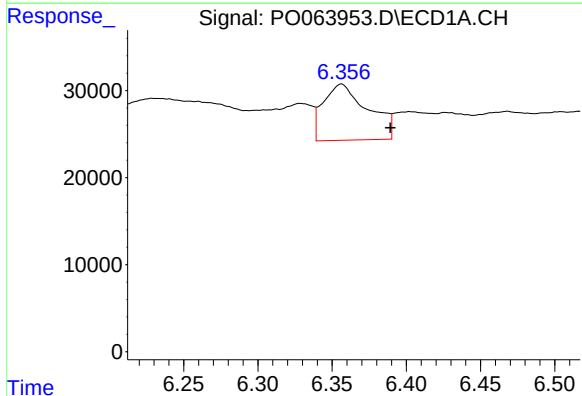
R.T.: 5.634 min
Delta R.T.: -0.024 min
Response: 51126
Conc: 65.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



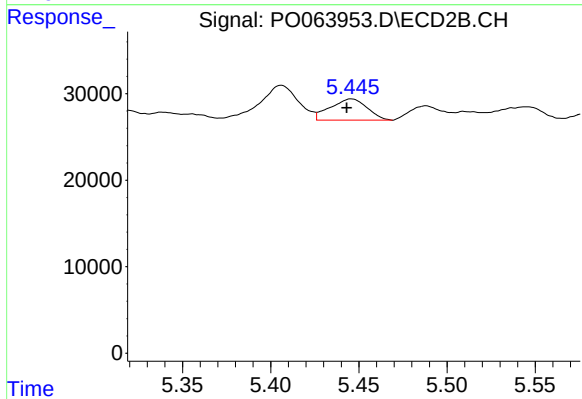
#19 AR-1242-4

R.T.: 4.940 min
Delta R.T.: 0.017 min
Response: 122622
Conc: 214.77 ng/ml



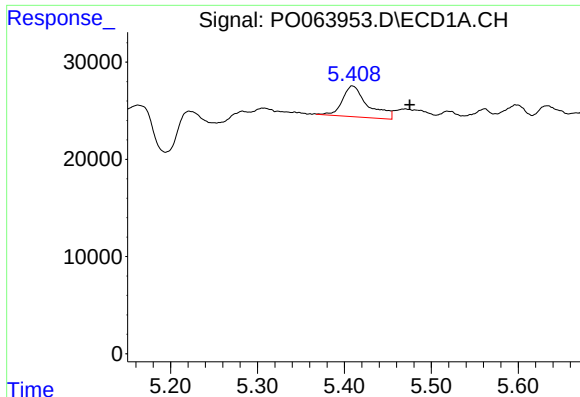
#20 AR-1242-5

R.T.: 6.356 min
Delta R.T.: -0.033 min
Response: 134881
Conc: 129.80 ng/ml



#20 AR-1242-5

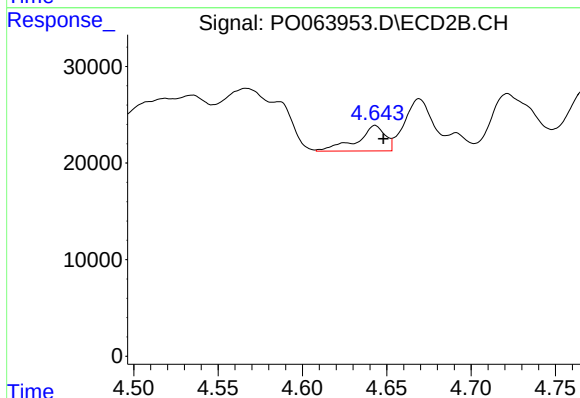
R.T.: 5.446 min
Delta R.T.: 0.003 min
Response: 35765
Conc: 45.95 ng/ml



#21 AR-1248-1

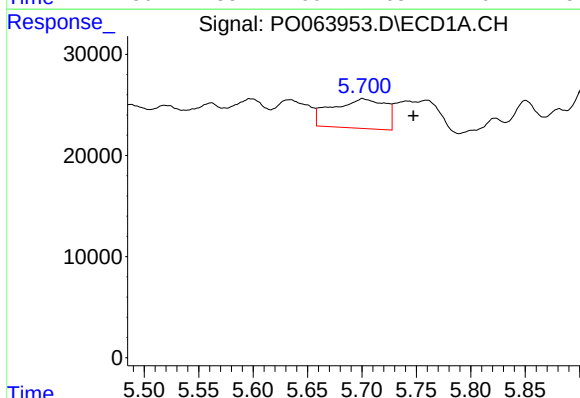
R.T.: 5.409 min
Delta R.T.: -0.066 min
Response: 63946
Conc: 73.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



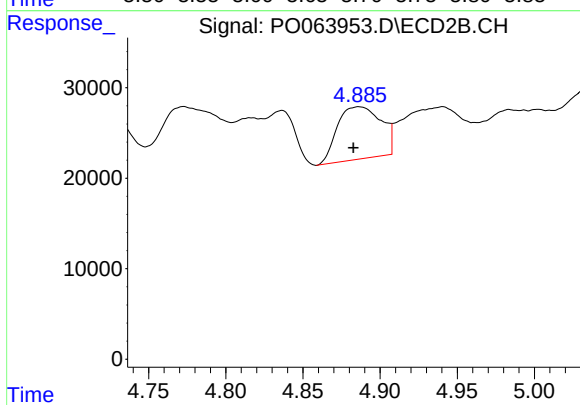
#21 AR-1248-1

R.T.: 4.643 min
Delta R.T.: -0.005 min
Response: 30560
Conc: 47.42 ng/ml



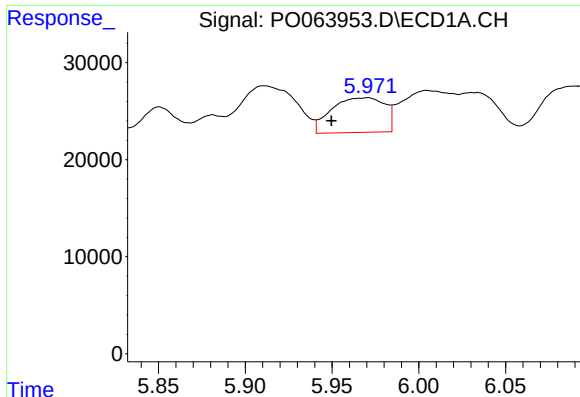
#22 AR-1248-2

R.T.: 5.701 min
Delta R.T.: -0.046 min
Response: 98728
Conc: 77.92 ng/ml



#22 AR-1248-2

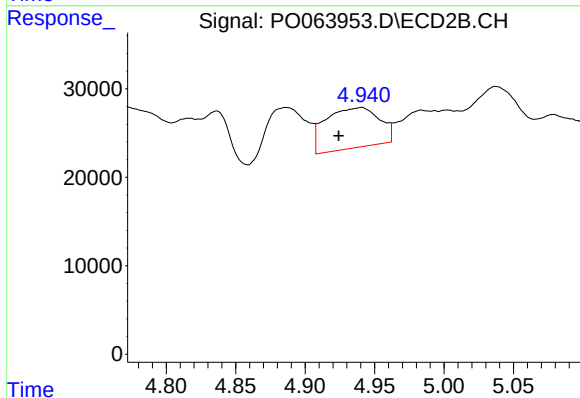
R.T.: 4.886 min
Delta R.T.: 0.004 min
Response: 113871
Conc: 132.12 ng/ml



#23 AR-1248-3

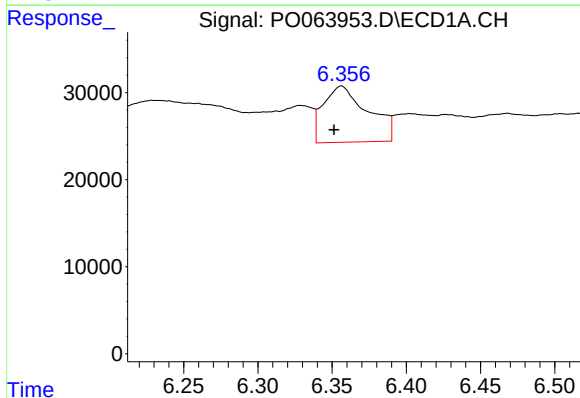
R.T.: 5.970 min
Delta R.T.: 0.021 min
Response: 76115
Conc: 53.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



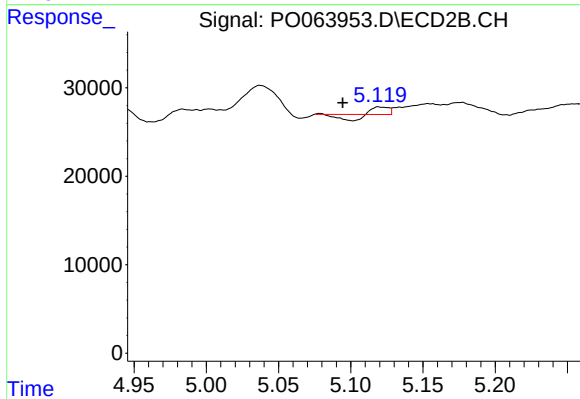
#23 AR-1248-3

R.T.: 4.940 min
Delta R.T.: 0.016 min
Response: 122622
Conc: 138.60 ng/ml



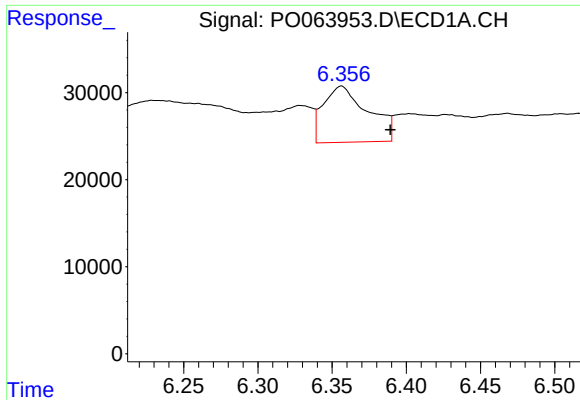
#24 AR-1248-4

R.T.: 6.356 min
Delta R.T.: 0.005 min
Response: 134881
Conc: 77.93 ng/ml



#24 AR-1248-4

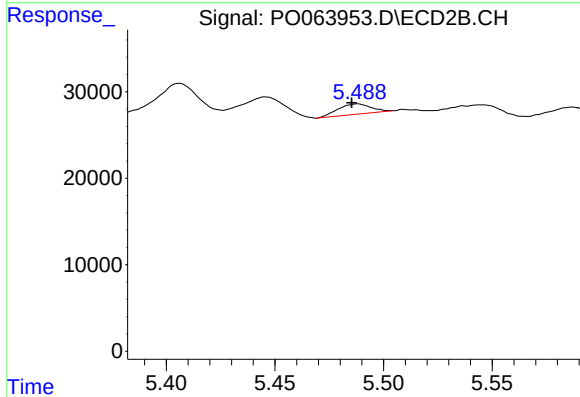
R.T.: 5.120 min
Delta R.T.: 0.025 min
Response: 206
Conc: 0.19 ng/ml



#25 AR-1248-5

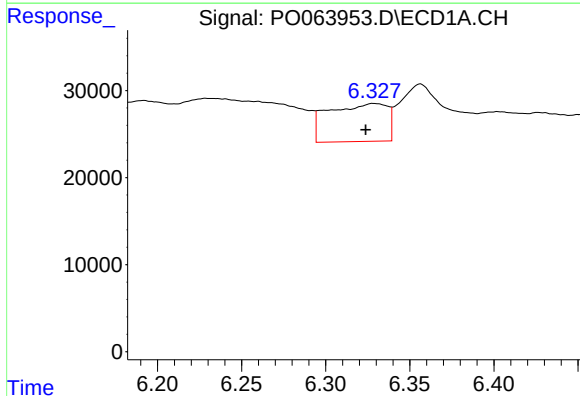
R.T.: 6.356 min
Delta R.T.: -0.033 min
Response: 134881
Conc: 79.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



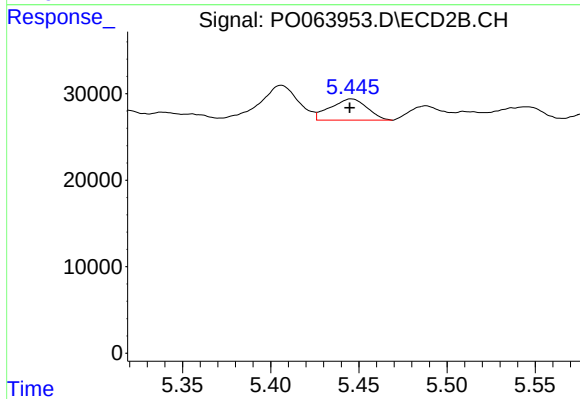
#25 AR-1248-5

R.T.: 5.488 min
Delta R.T.: 0.003 min
Response: 12505
Conc: 11.21 ng/ml



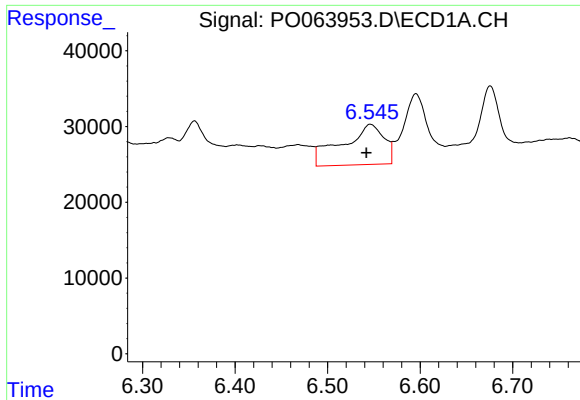
#26 AR-1254-1

R.T.: 6.329 min
Delta R.T.: 0.005 min
Response: 105375
Conc: 60.32 ng/ml



#26 AR-1254-1

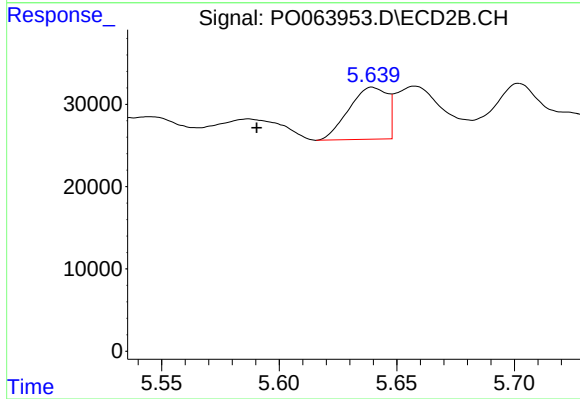
R.T.: 5.446 min
Delta R.T.: 0.001 min
Response: 35765
Conc: 20.19 ng/ml



#27 AR-1254-2

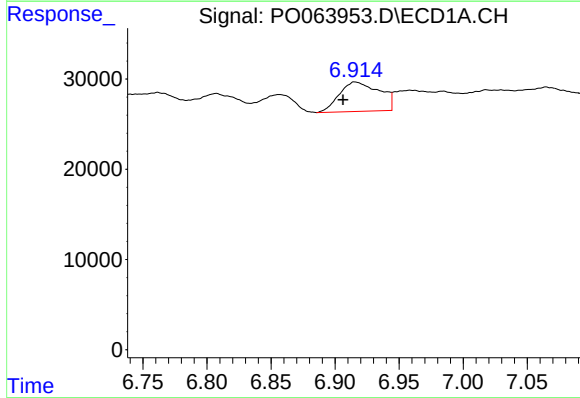
R.T.: 6.546 min
Delta R.T.: 0.004 min
Response: 166769
Conc: 59.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



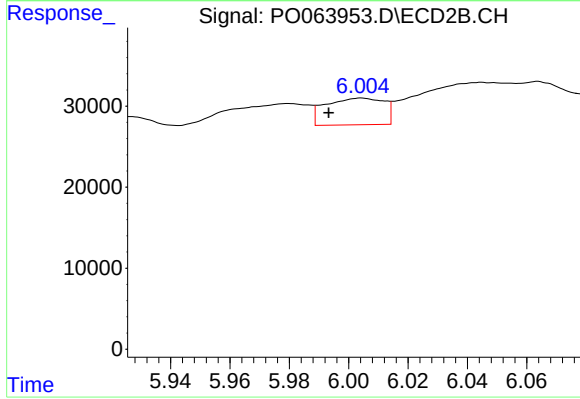
#27 AR-1254-2

R.T.: 5.640 min
Delta R.T.: 0.049 min
Response: 71782
Conc: 45.52 ng/ml



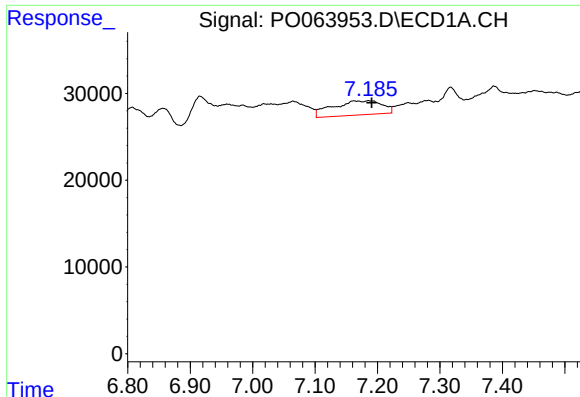
#28 AR-1254-3

R.T.: 6.916 min
Delta R.T.: 0.010 min
Response: 71054
Conc: 22.63 ng/ml



#28 AR-1254-3

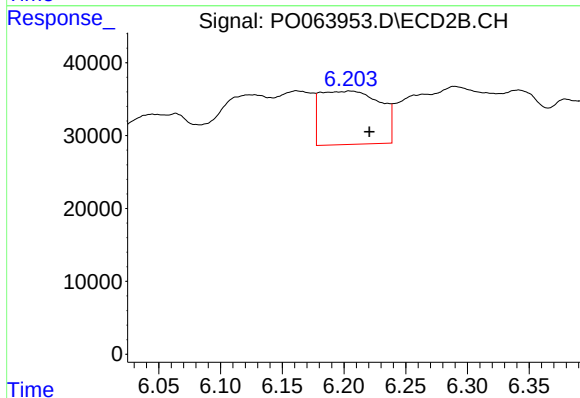
R.T.: 6.004 min
Delta R.T.: 0.011 min
Response: 44878
Conc: 16.74 ng/ml



#29 AR-1254-4

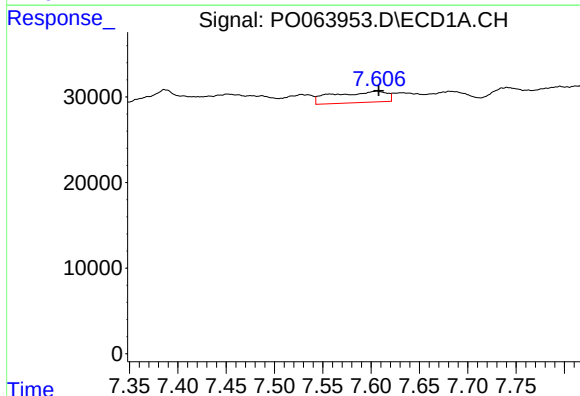
R.T.: 7.186 min
Delta R.T.: -0.005 min
Response: 90304
Conc: 36.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



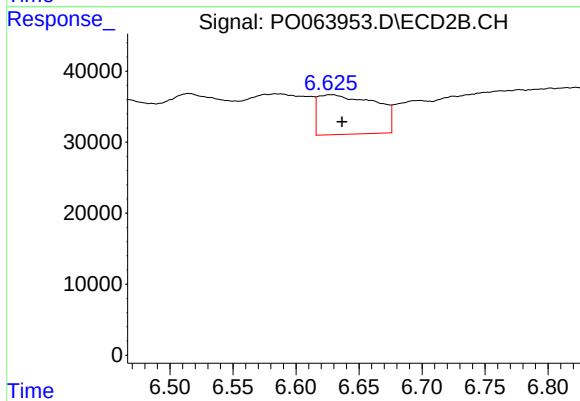
#29 AR-1254-4

R.T.: 6.205 min
Delta R.T.: -0.016 min
Response: 247997
Conc: 139.85 ng/ml



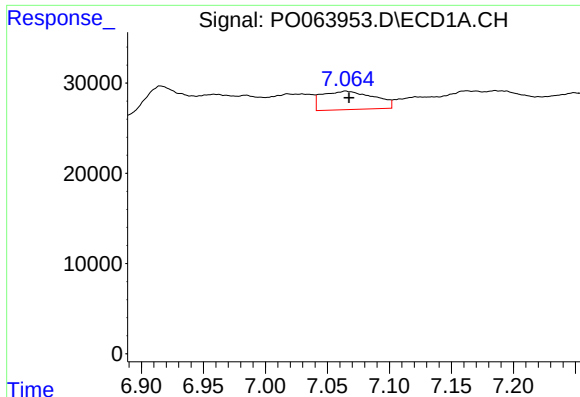
#30 AR-1254-5

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 49573
Conc: 18.29 ng/ml



#30 AR-1254-5

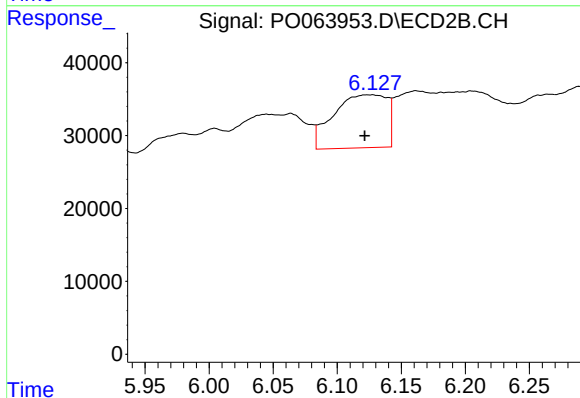
R.T.: 6.628 min
Delta R.T.: -0.009 min
Response: 177579
Conc: 71.07 ng/ml



#31 AR-1260-1

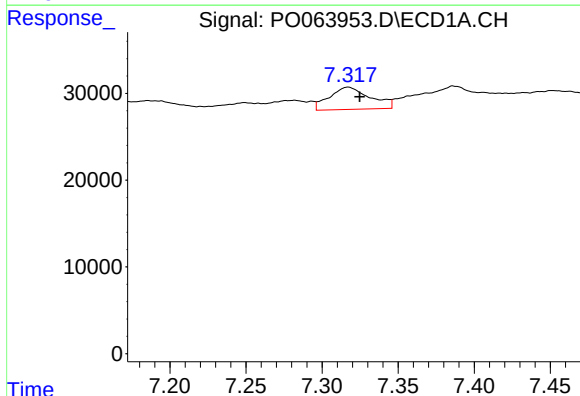
R.T.: 7.065 min
Delta R.T.: -0.003 min
Response: 59633
Conc: 29.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



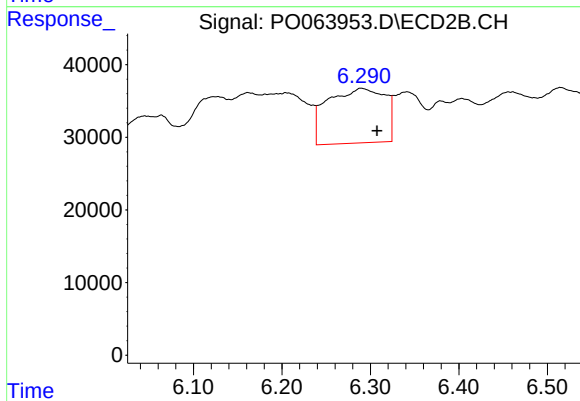
#31 AR-1260-1

R.T.: 6.127 min
Delta R.T.: 0.006 min
Response: 211860
Conc: 134.91 ng/ml



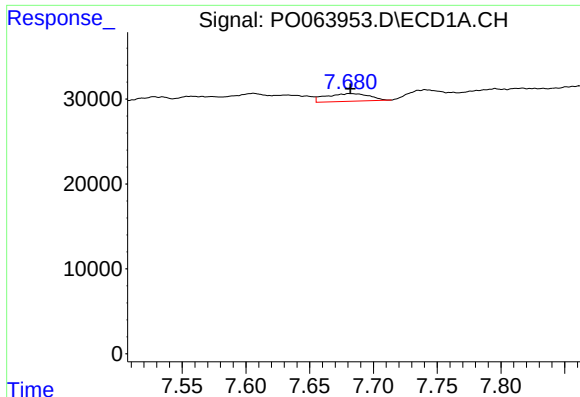
#32 AR-1260-2

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 47838
Conc: 18.99 ng/ml



#32 AR-1260-2

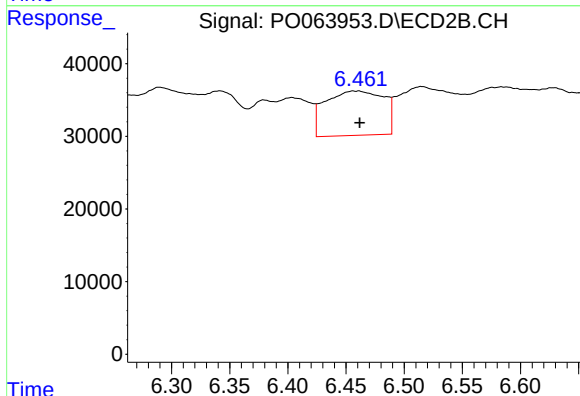
R.T.: 6.290 min
Delta R.T.: -0.018 min
Response: 338739
Conc: 172.20 ng/ml



#33 AR-1260-3

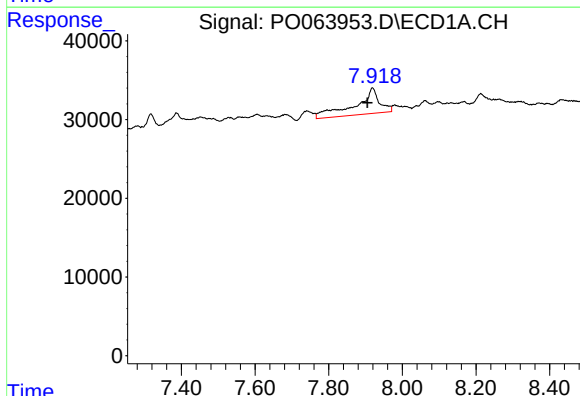
R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 21462
Conc: 10.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



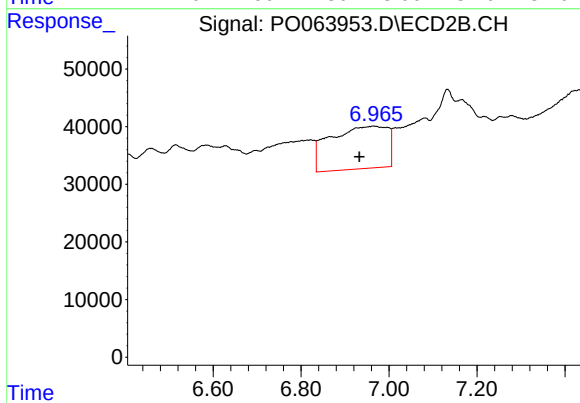
#33 AR-1260-3

R.T.: 6.461 min
Delta R.T.: -0.001 min
Response: 212333
Conc: 119.05 ng/ml



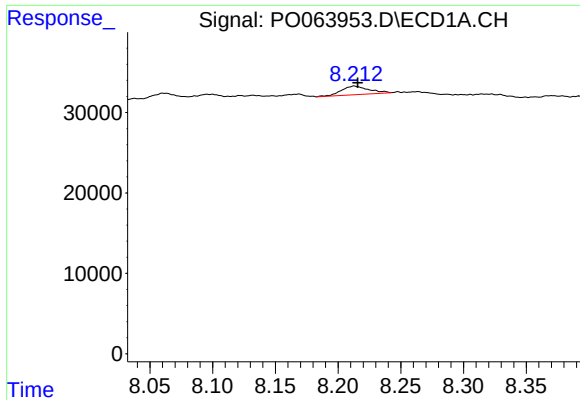
#34 AR-1260-4

R.T.: 7.919 min
Delta R.T.: 0.014 min
Response: 148166
Conc: 62.22 ng/ml



#34 AR-1260-4

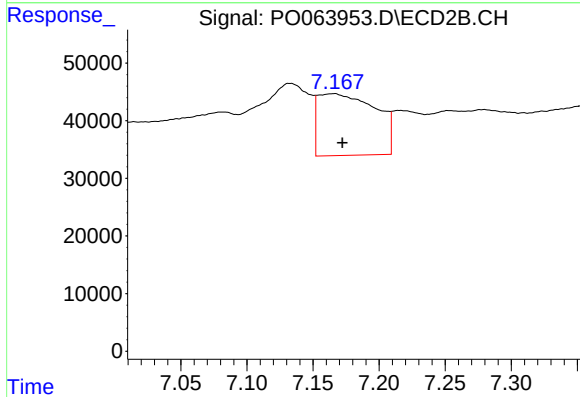
R.T.: 6.965 min
Delta R.T.: 0.033 min
Response: 671032
Conc: 426.20 ng/ml



#35 AR-1260-5

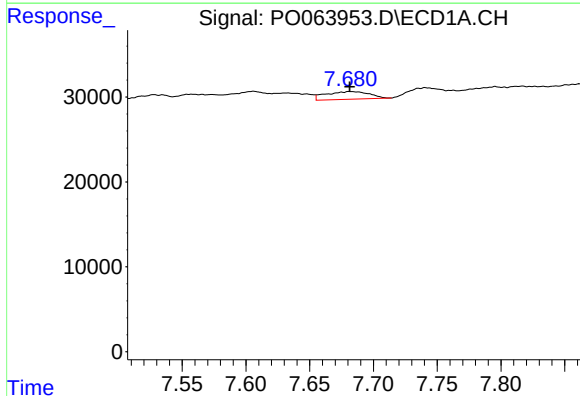
R.T.: 8.213 min
Delta R.T.: -0.003 min
Response: 16122
Conc: 3.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



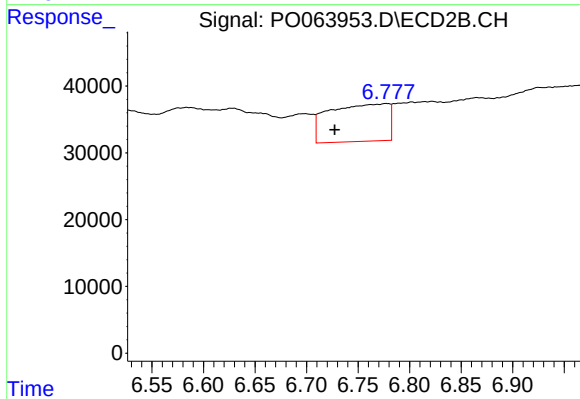
#35 AR-1260-5

R.T.: 7.166 min
Delta R.T.: -0.006 min
Response: 325208
Conc: 83.88 ng/ml



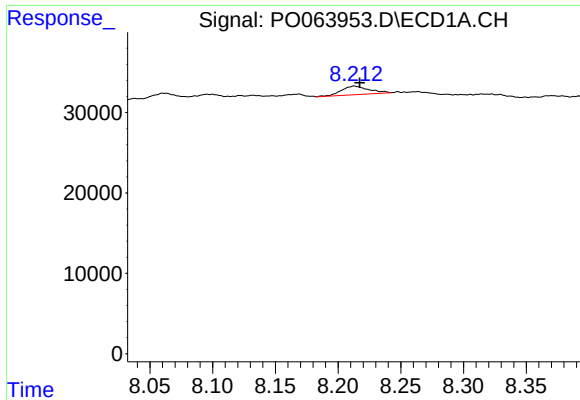
#36 AR-1262-1

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 21462
Conc: 6.67 ng/ml



#36 AR-1262-1

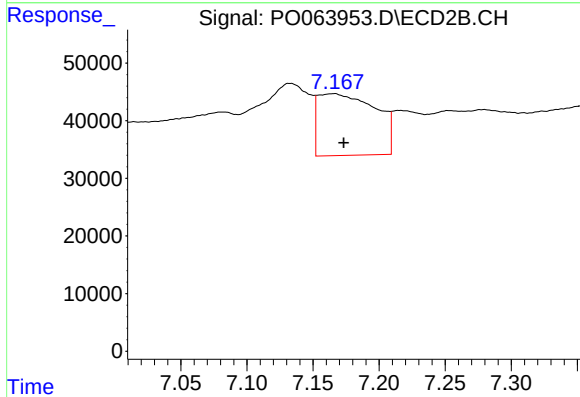
R.T.: 6.777 min
Delta R.T.: 0.050 min
Response: 225809
Conc: 215.98 ng/ml



#37 AR-1262-2

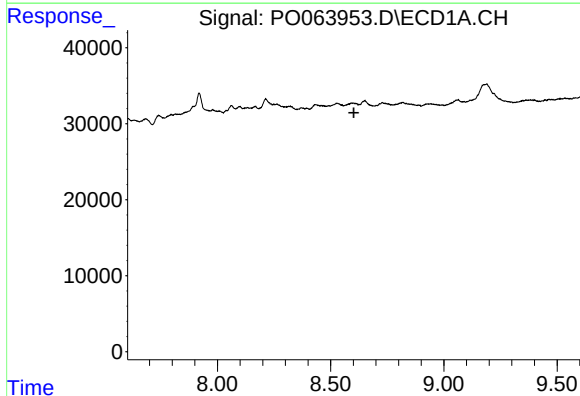
R.T.: 8.213 min
Delta R.T.: -0.004 min
Response: 16122
Conc: 2.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



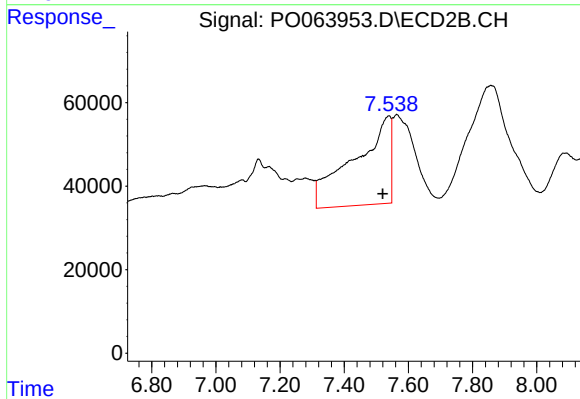
#37 AR-1262-2

R.T.: 7.166 min
Delta R.T.: -0.007 min
Response: 325208
Conc: 68.56 ng/ml



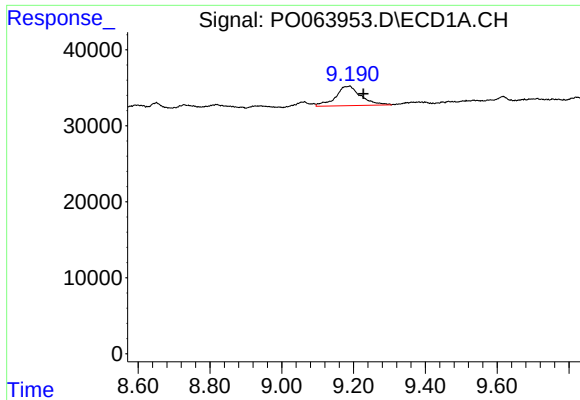
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.603 min
Response: 0
Conc: N.D.



#39 AR-1262-4

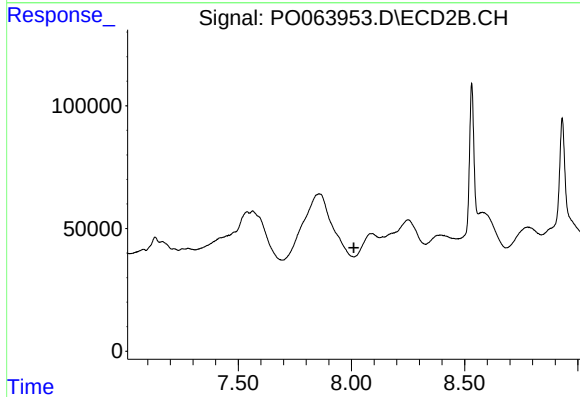
R.T.: 7.539 min
Delta R.T.: 0.020 min
Response: 1658888
Conc: 469.88 ng/ml



#40 AR-1262-5

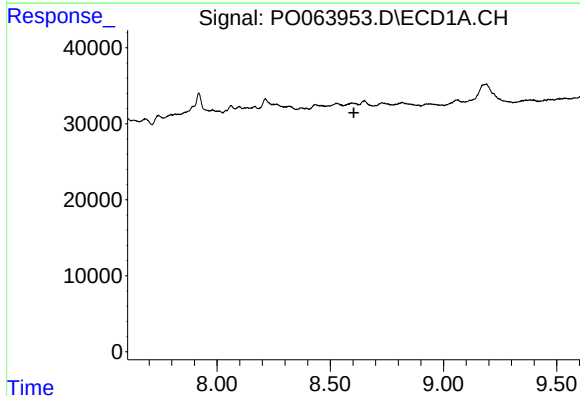
R.T.: 9.190 min
Delta R.T.: -0.038 min
Response: 125728
Conc: 57.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



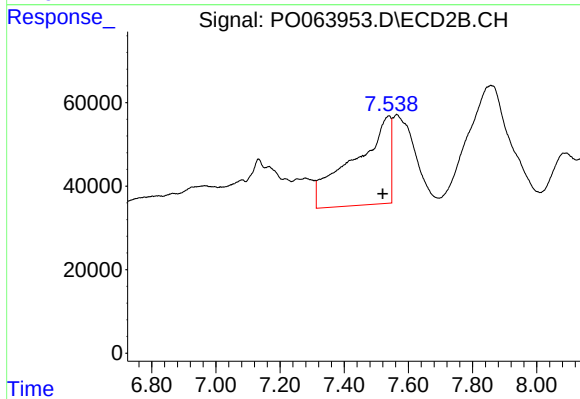
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



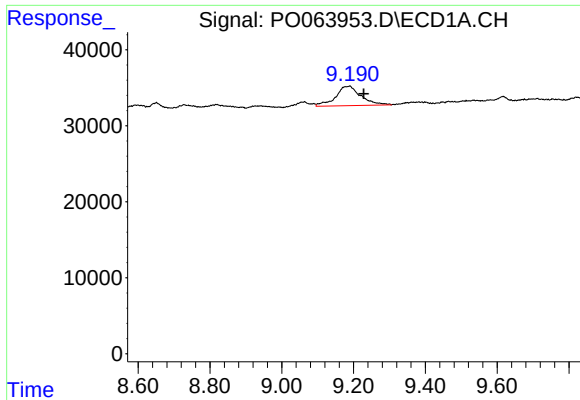
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.604 min
Response: 0
Conc: N.D.



#42 AR-1268-2

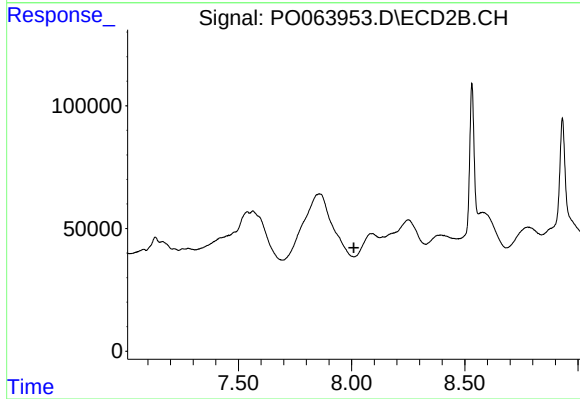
R.T.: 7.539 min
Delta R.T.: 0.020 min
Response: 1658888
Conc: 332.88 ng/ml



#44 AR-1268-4

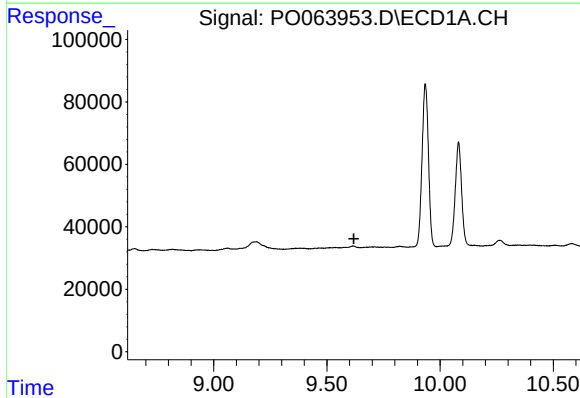
R.T.: 9.190 min
Delta R.T.: -0.039 min
Response: 125728
Conc: 51.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-02-112019



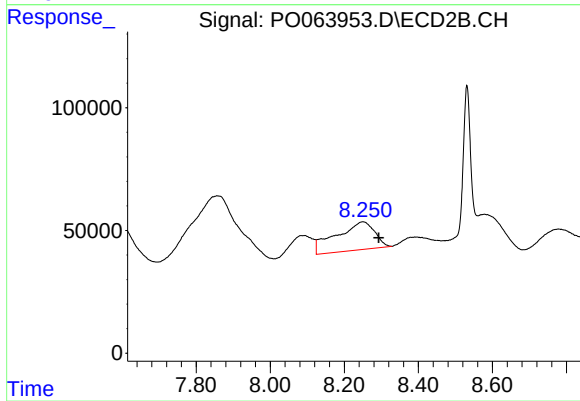
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.619 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.250 min
Delta R.T.: -0.042 min
Response: 826053
Conc: 69.84 ng/ml