

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0050819\
 Data File : P0055985.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 May 2019 18:20
 Operator : SM/SJ
 Sample : K2673-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SP-01-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 04:10:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 03 15:20:04 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...	4.285	3.588	877706	938652	29.330	33.234
2)	SA Decachlor...	9.883	8.538	598393	442081	15.993	16.347
Target Compounds							
3)	L1 AR-1016-1	5.466	4.663	36449	51927	25.648	38.639 #
4)	L1 AR-1016-2	5.466	4.663	36449	51927	18.419	28.439 #
5)	L1 AR-1016-3	5.466	4.853	36449	11259	28.437	11.235 #
6)	L1 AR-1016-4	5.599	4.853	43418	11259	41.540	13.838 #
7)	L1 AR-1016-5	5.898	5.112	66865	60862	59.356	55.286
8)	L2 AR-1221-1	0.000	3.775	0	5877	N.D.	16.009 #
10)	L2 AR-1221-3	0.000	4.002	0	50271	N.D.	56.579 #
11)	L3 AR-1232-1	0.000	4.002	0	50271	N.D.	67.927 #
12)	L3 AR-1232-2	0.000	4.663	0	51927	N.D.	59.248 #
13)	L3 AR-1232-3	5.466	4.853	36449	11259	37.674	23.473 #
14)	L3 AR-1232-4	5.599	4.962	43418	155263	85.378	365.527 #
15)	L3 AR-1232-5	5.719	5.112	19457	60862	44.815	125.590 #
16)	L4 AR-1242-1	5.466	4.663	36449	51927	30.103	46.338 #
17)	L4 AR-1242-2	5.466	4.663	36449	51927	21.588	34.130 #
18)	L4 AR-1242-3	5.466	4.853	36449	11259	33.270	13.001 #
19)	L4 AR-1242-4	5.599	4.962	43418	155263	48.252	185.343 #
20)	L4 AR-1242-5	6.364	5.479	30592	1136727	27.964	946.960 #
21)	L5 AR-1248-1	5.466	4.663	36449	51927	40.270	61.927 #
22)	L5 AR-1248-2	5.719	4.853	19457	11259	14.590	10.247 #
23)	L5 AR-1248-3	5.898	4.962	66865	155263	45.279	136.778 #
24)	L5 AR-1248-4	6.326	5.112	195143	60862	111.911	43.343 #
25)	L5 AR-1248-5	6.364	5.479	30592	1136727	18.315	758.974 #
26)	L6 AR-1254-1	6.297	5.479	996917	1136727	474.760	424.735
27)	L6 AR-1254-2	6.516	5.601	185358	223982	55.850	91.695 #
28)	L6 AR-1254-3	6.885	6.001	579423	411364	159.378	103.680 #
29)	L6 AR-1254-4	7.157	6.229	167186	31545	61.450	11.765 #
30)	L6 AR-1254-5	7.575	6.642	316278	347171	110.350	95.938
31)	L7 AR-1260-1	7.036	6.129	631587	276479	292.470	125.490 #
32)	L7 AR-1260-2	7.290	6.310	468894	207210	179.043	67.858 #
33)	L7 AR-1260-3	7.649	6.470	211514	132279	105.758	53.081 #
34)	L7 AR-1260-4	7.872	6.936	218541	141483	94.500	68.566 #
35)	L7 AR-1260-5	8.183	7.177	306394	355285	72.223	70.742
36)	L8 AR-1262-1	7.649	6.678	211514	189093	65.978	46.111 #
37)	L8 AR-1262-2	8.183	7.177	306394	355285	57.070	56.820
38)	L8 AR-1262-3	8.494	7.457	220005	78409	60.627	31.835 #
39)	L8 AR-1262-4	8.548	7.521	127518	255438	46.966	62.379 #
40)	L8 AR-1262-5	9.184	8.014	85723	84839	47.452	49.784
41)	L9 AR-1268-1	8.494	7.457	220005	78409	36.432	11.316 #
42)	L9 AR-1268-2	8.548	7.521	127518	255438	23.296	44.899 #

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 ALS Vial : 4 Sample Multiplier: 1

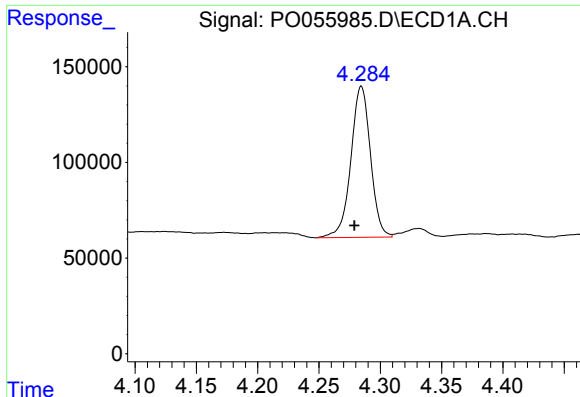
Instrument :
 ECD_O
 ClientSampleId :
 SP-01-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 04:10:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050319.M
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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
43) L9	AR-1268-3	0.000	7.724	0	32903	N.D.	6.966 #
44) L9	AR-1268-4	9.184	8.014	85723	84839	43.687	44.848
45) L9	AR-1268-5	9.569	8.294	34705	37221	2.572	3.056

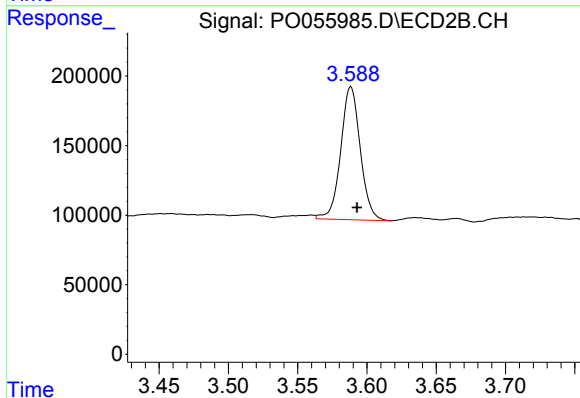
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

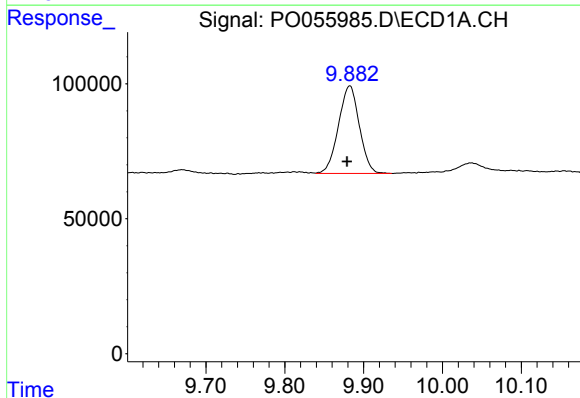
R.T.: 4.285 min
Delta R.T.: 0.006 min
Response: 877706
Conc: 29.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



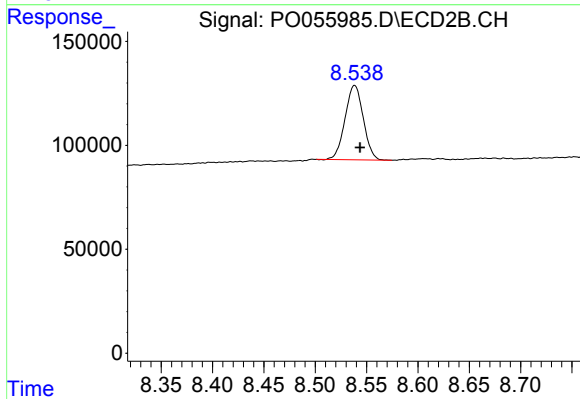
#1 Tetrachloro-m-xylene

R.T.: 3.588 min
Delta R.T.: -0.004 min
Response: 938652
Conc: 33.23 ng/ml



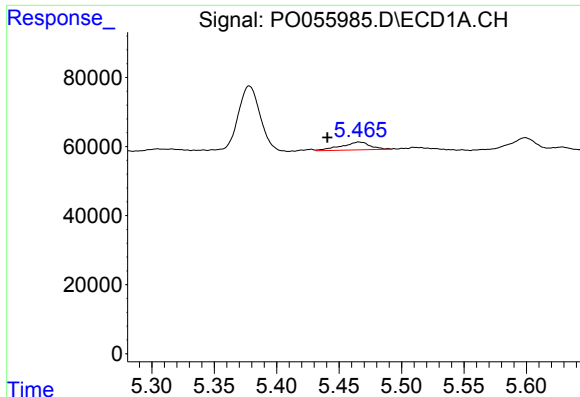
#2 Decachlorobiphenyl

R.T.: 9.883 min
Delta R.T.: 0.004 min
Response: 598393
Conc: 15.99 ng/ml



#2 Decachlorobiphenyl

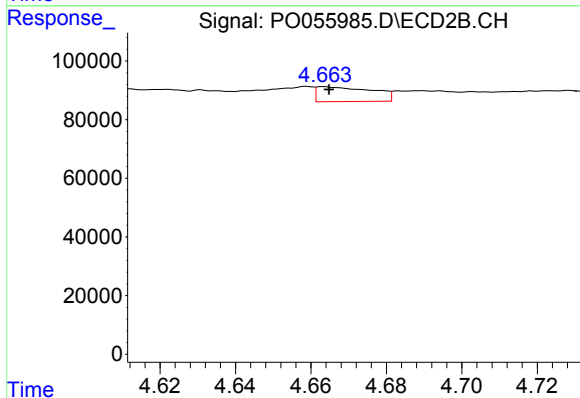
R.T.: 8.538 min
Delta R.T.: -0.005 min
Response: 442081
Conc: 16.35 ng/ml



#3 AR-1016-1

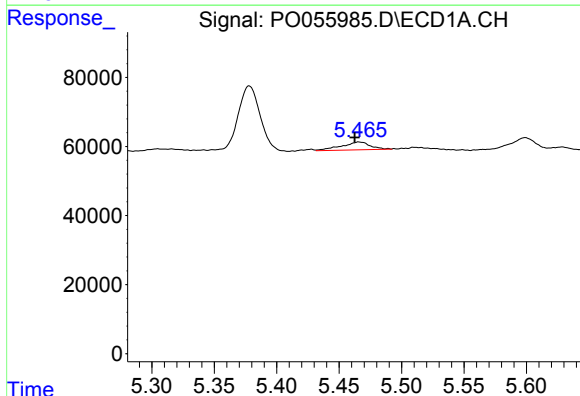
R.T.: 5.466 min
Delta R.T.: 0.025 min
Response: 36449
Conc: 25.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



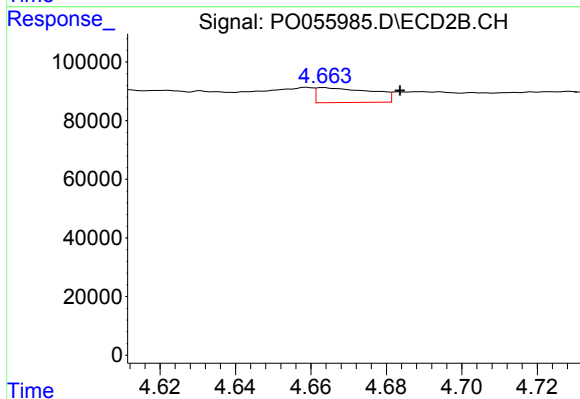
#3 AR-1016-1

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 51927
Conc: 38.64 ng/ml



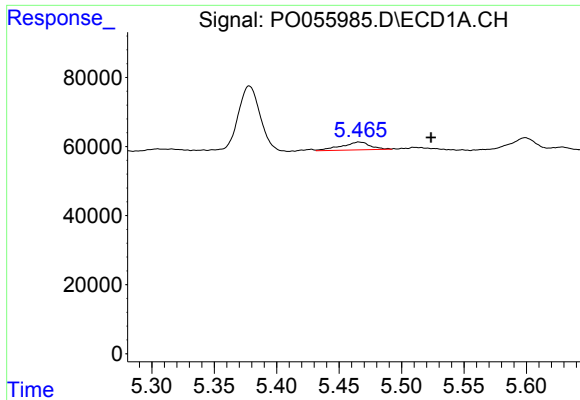
#4 AR-1016-2

R.T.: 5.466 min
Delta R.T.: 0.003 min
Response: 36449
Conc: 18.42 ng/ml



#4 AR-1016-2

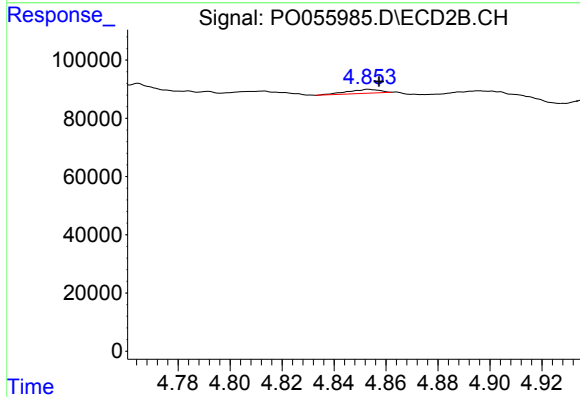
R.T.: 4.663 min
Delta R.T.: -0.020 min
Response: 51927
Conc: 28.44 ng/ml



#5 AR-1016-3

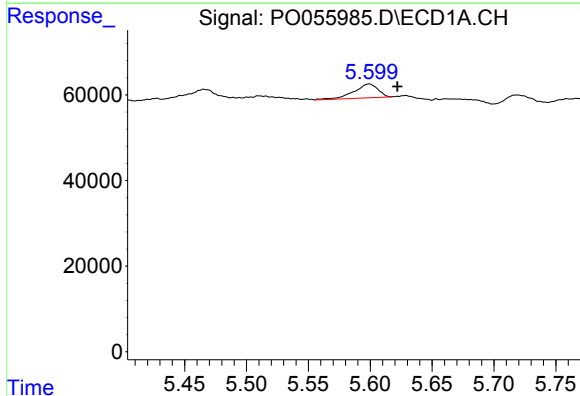
R.T.: 5.466 min
Delta R.T.: -0.058 min
Response: 36449
Conc: 28.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



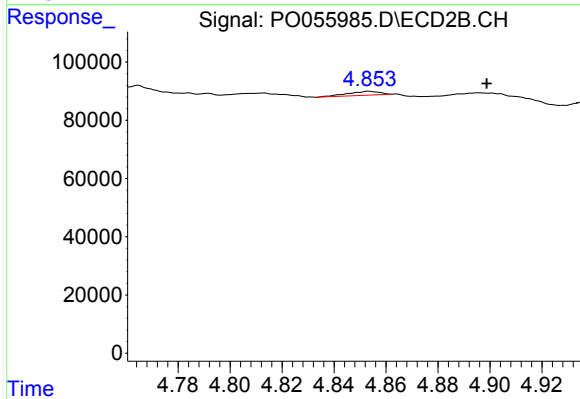
#5 AR-1016-3

R.T.: 4.853 min
Delta R.T.: -0.004 min
Response: 11259
Conc: 11.24 ng/ml



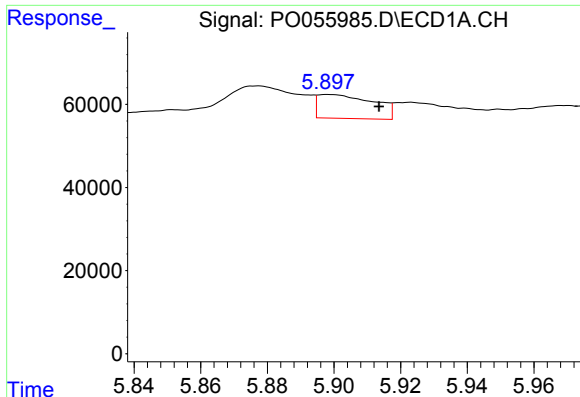
#6 AR-1016-4

R.T.: 5.599 min
Delta R.T.: -0.023 min
Response: 43418
Conc: 41.54 ng/ml



#6 AR-1016-4

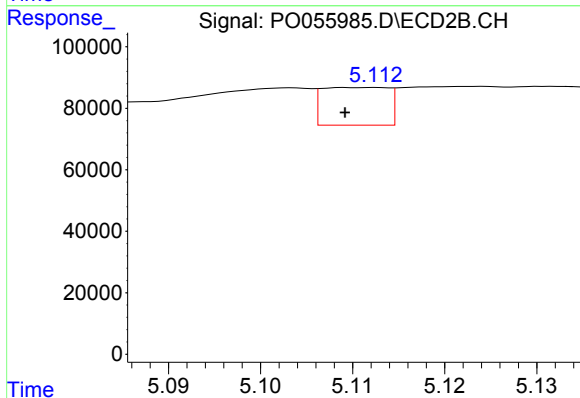
R.T.: 4.853 min
Delta R.T.: -0.045 min
Response: 11259
Conc: 13.84 ng/ml



#7 AR-1016-5

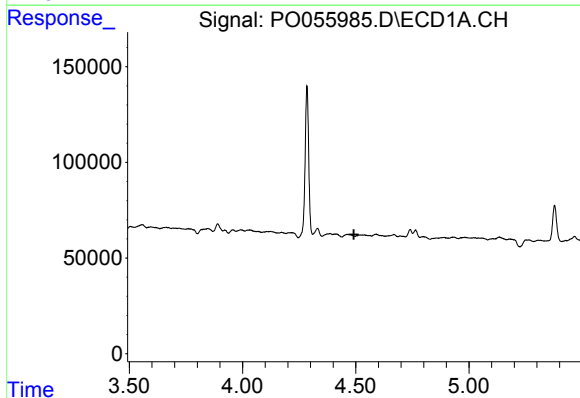
R.T.: 5.898 min
Delta R.T.: -0.015 min
Response: 66865
Conc: 59.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



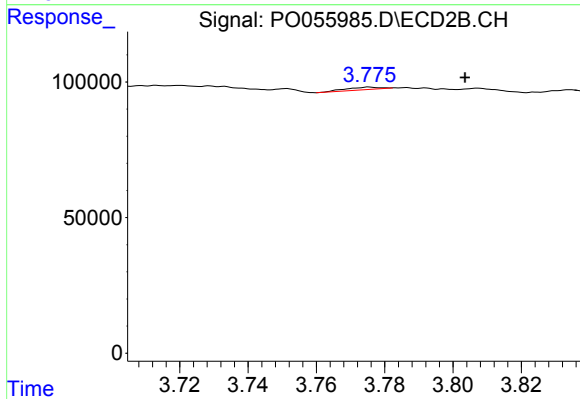
#7 AR-1016-5

R.T.: 5.112 min
Delta R.T.: 0.003 min
Response: 60862
Conc: 55.29 ng/ml



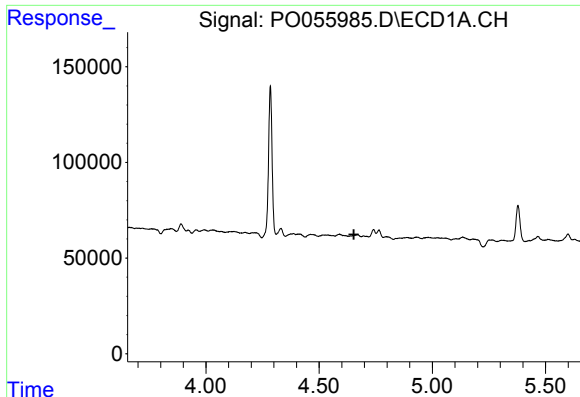
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.492 min
Response: 0
Conc: N.D.



#8 AR-1221-1

R.T.: 3.775 min
Delta R.T.: -0.028 min
Response: 5877
Conc: 16.01 ng/ml



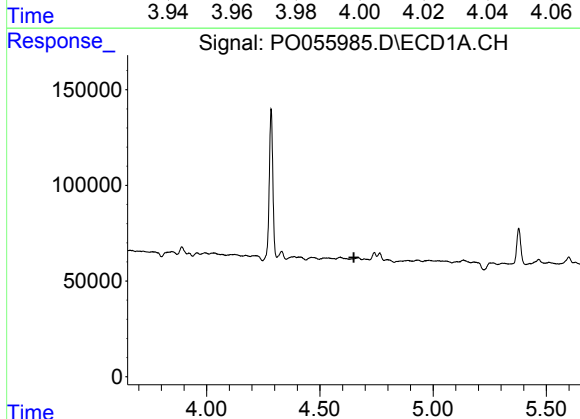
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.654 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP

#10 AR-1221-3

R.T.: 4.002 min
Delta R.T.: 0.039 min
Response: 50271
Conc: 56.58 ng/ml

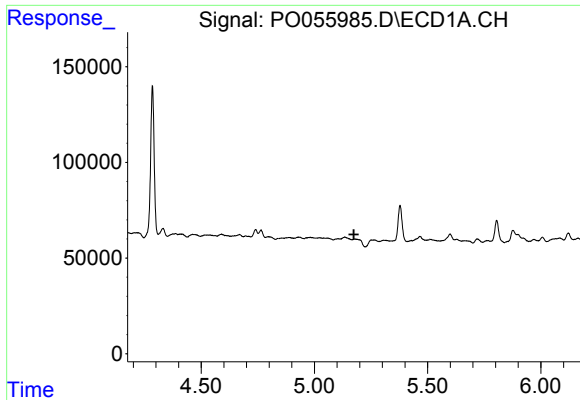


#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.650 min
Response: 0
Conc: N.D.

#11 AR-1232-1

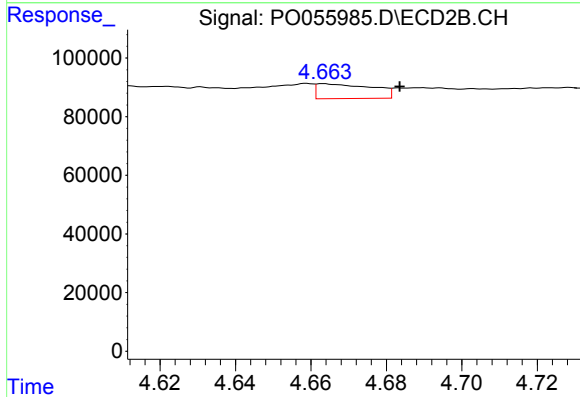
R.T.: 4.002 min
Delta R.T.: 0.039 min
Response: 50271
Conc: 67.93 ng/ml



#12 AR-1232-2

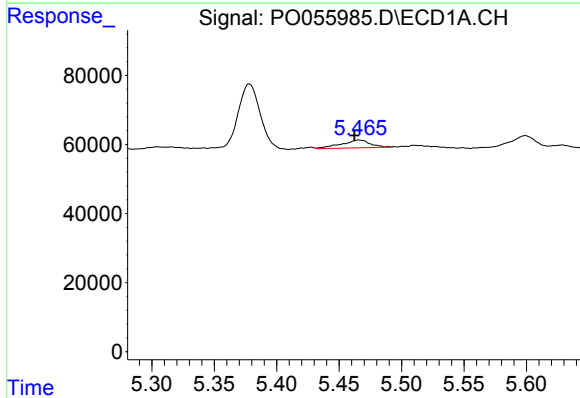
R.T.: 0.000 min
Exp R.T.: 5.174 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



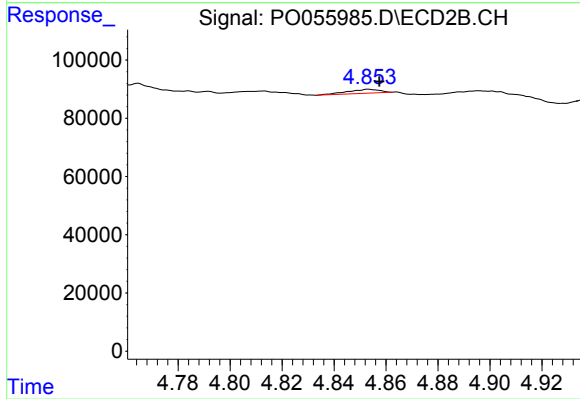
#12 AR-1232-2

R.T.: 4.663 min
Delta R.T.: -0.020 min
Response: 51927
Conc: 59.25 ng/ml



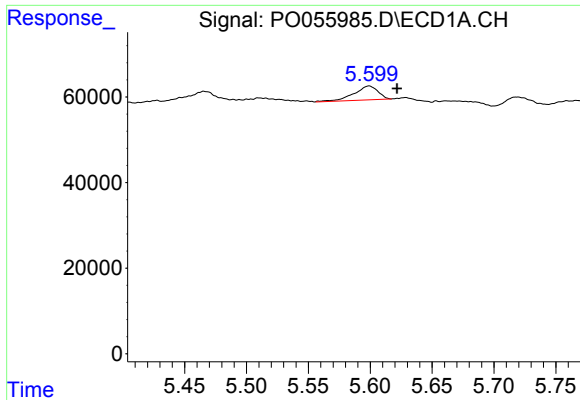
#13 AR-1232-3

R.T.: 5.466 min
Delta R.T.: 0.003 min
Response: 36449
Conc: 37.67 ng/ml



#13 AR-1232-3

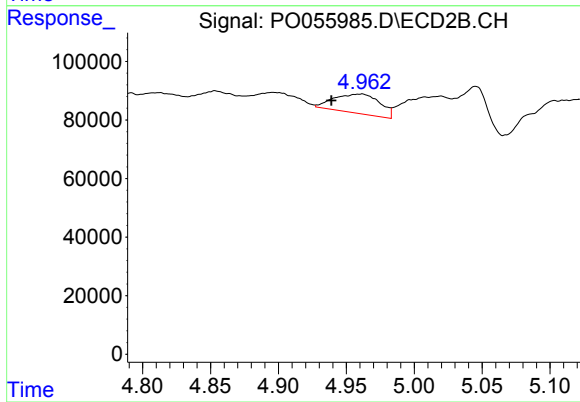
R.T.: 4.853 min
Delta R.T.: -0.004 min
Response: 11259
Conc: 23.47 ng/ml



#14 AR-1232-4

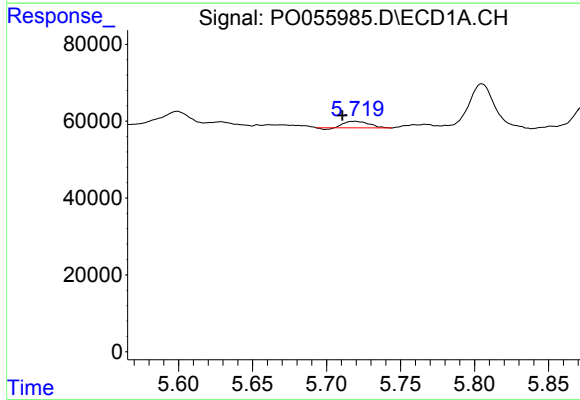
R.T.: 5.599 min
Delta R.T.: -0.022 min
Response: 43418
Conc: 85.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



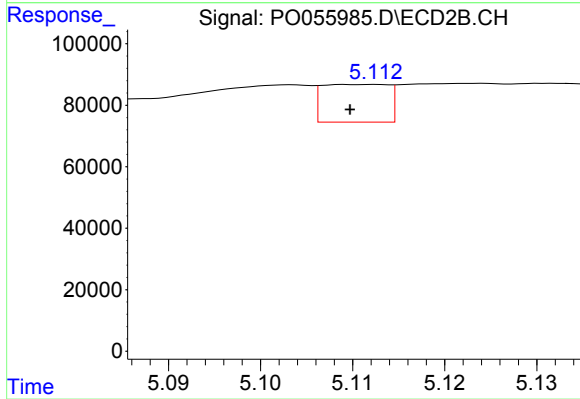
#14 AR-1232-4

R.T.: 4.962 min
Delta R.T.: 0.023 min
Response: 155263
Conc: 365.53 ng/ml



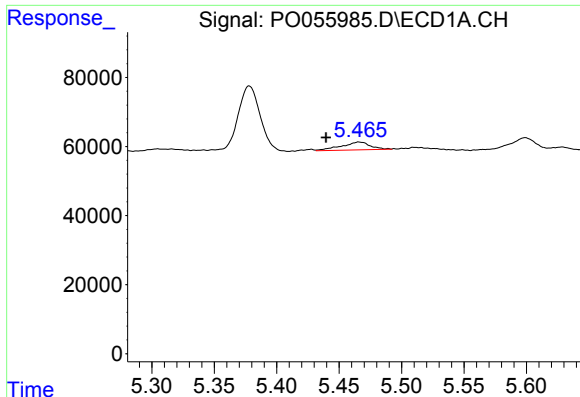
#15 AR-1232-5

R.T.: 5.719 min
Delta R.T.: 0.009 min
Response: 19457
Conc: 44.81 ng/ml



#15 AR-1232-5

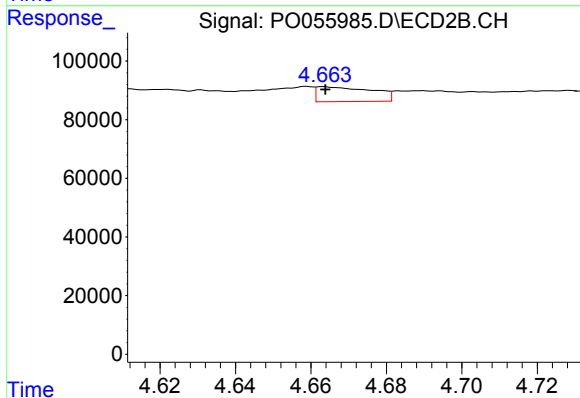
R.T.: 5.112 min
Delta R.T.: 0.003 min
Response: 60862
Conc: 125.59 ng/ml



#16 AR-1242-1

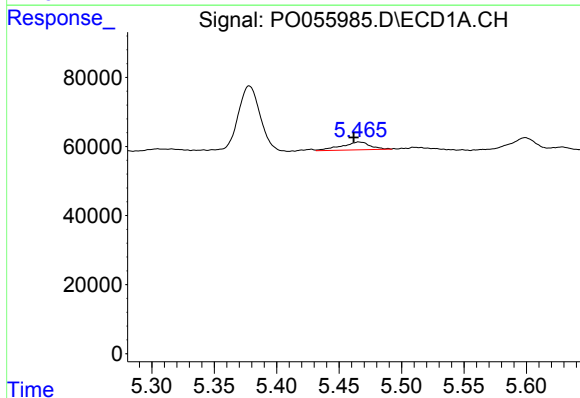
R.T.: 5.466 min
Delta R.T.: 0.026 min
Response: 36449
Conc: 30.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



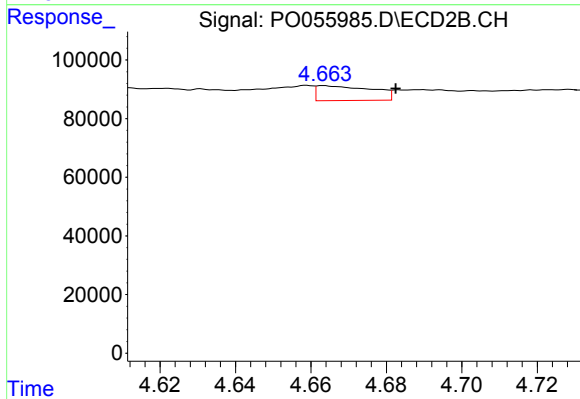
#16 AR-1242-1

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 51927
Conc: 46.34 ng/ml



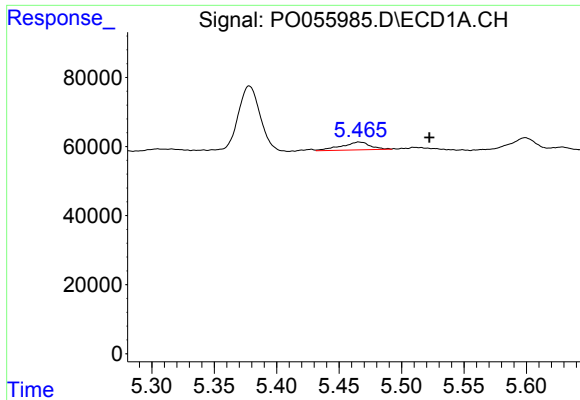
#17 AR-1242-2

R.T.: 5.466 min
Delta R.T.: 0.004 min
Response: 36449
Conc: 21.59 ng/ml



#17 AR-1242-2

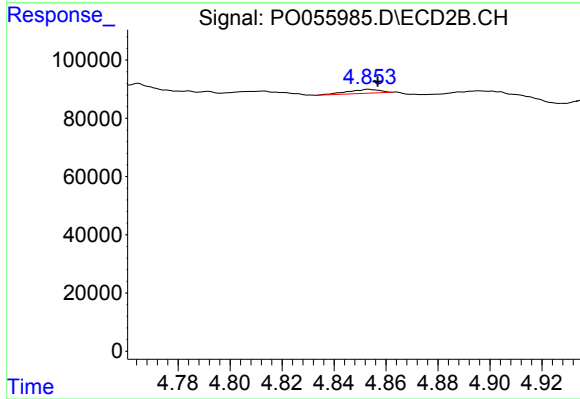
R.T.: 4.663 min
Delta R.T.: -0.019 min
Response: 51927
Conc: 34.13 ng/ml



#18 AR-1242-3

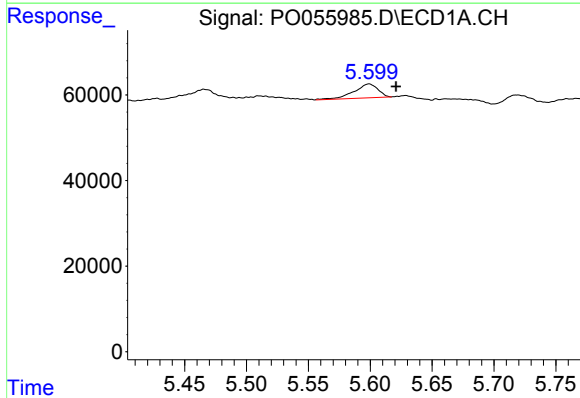
R.T.: 5.466 min
Delta R.T.: -0.057 min
Response: 36449
Conc: 33.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



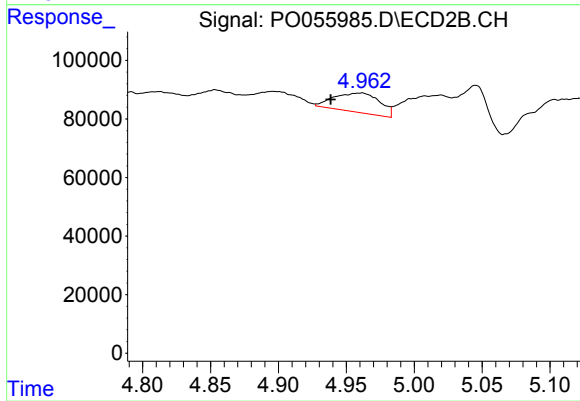
#18 AR-1242-3

R.T.: 4.853 min
Delta R.T.: -0.004 min
Response: 11259
Conc: 13.00 ng/ml



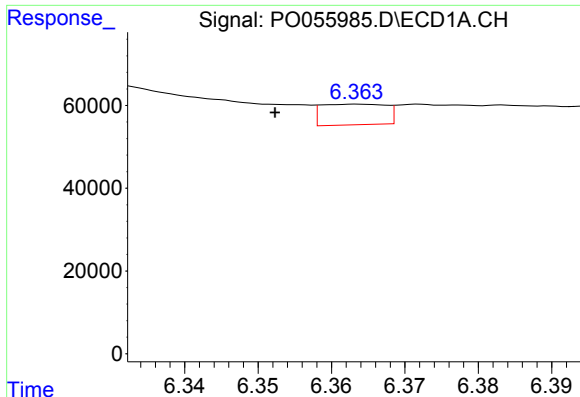
#19 AR-1242-4

R.T.: 5.599 min
Delta R.T.: -0.022 min
Response: 43418
Conc: 48.25 ng/ml



#19 AR-1242-4

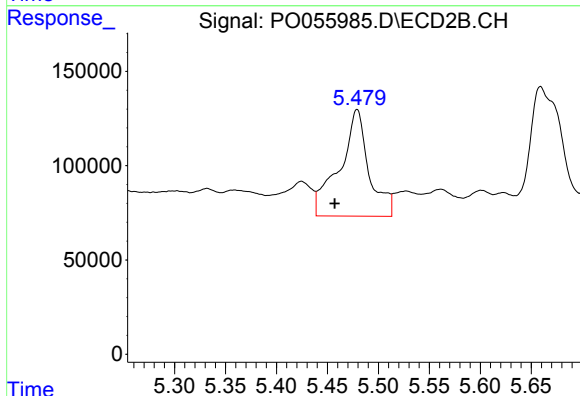
R.T.: 4.962 min
Delta R.T.: 0.023 min
Response: 155263
Conc: 185.34 ng/ml



#20 AR-1242-5

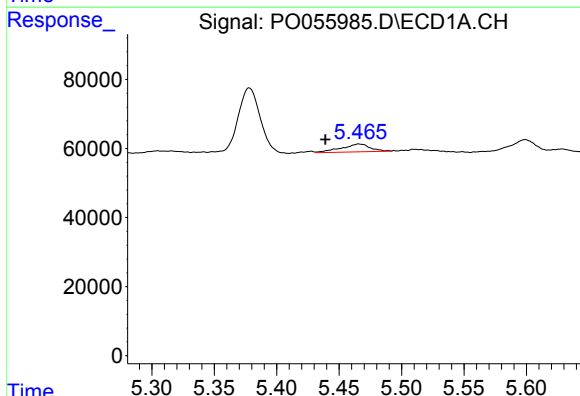
R.T.: 6.364 min
Delta R.T.: 0.011 min
Response: 30592
Conc: 27.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



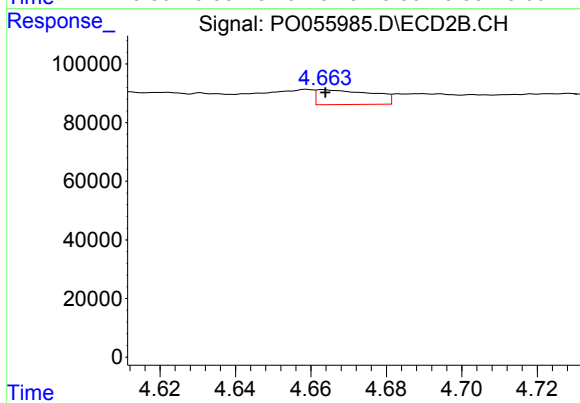
#20 AR-1242-5

R.T.: 5.479 min
Delta R.T.: 0.022 min
Response: 1136727
Conc: 946.96 ng/ml



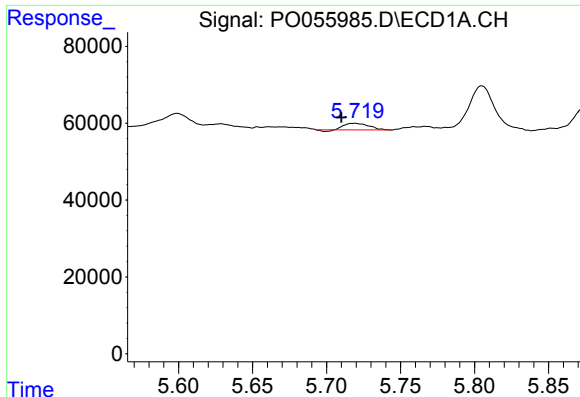
#21 AR-1248-1

R.T.: 5.466 min
Delta R.T.: 0.027 min
Response: 36449
Conc: 40.27 ng/ml



#21 AR-1248-1

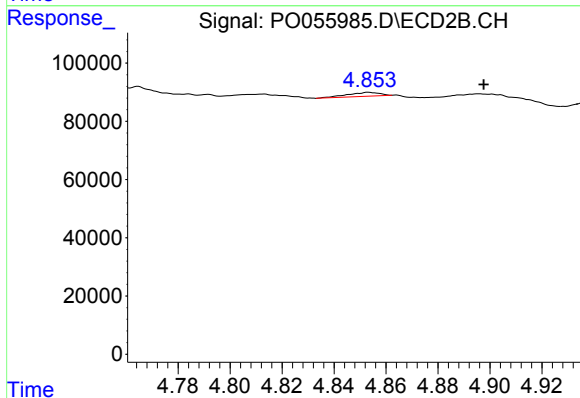
R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 51927
Conc: 61.93 ng/ml



#22 AR-1248-2

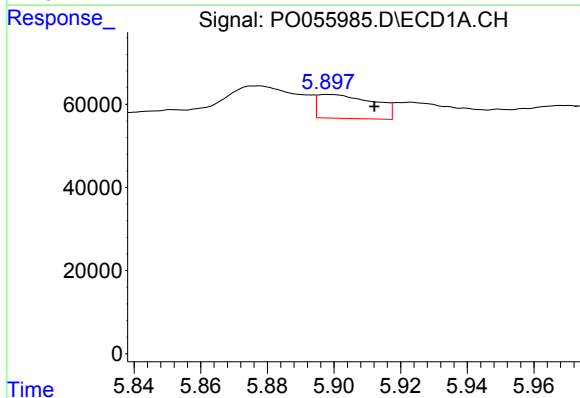
R.T.: 5.719 min
Delta R.T.: 0.009 min
Response: 19457
Conc: 14.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



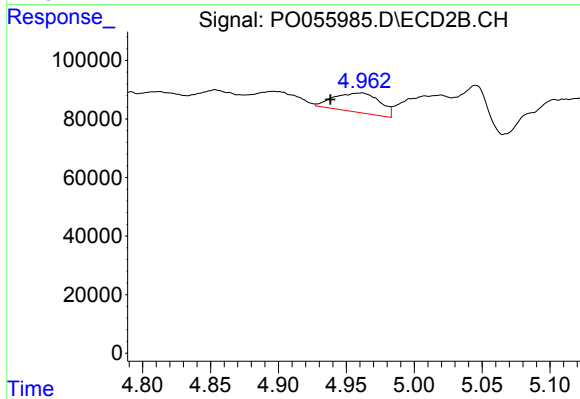
#22 AR-1248-2

R.T.: 4.853 min
Delta R.T.: -0.044 min
Response: 11259
Conc: 10.25 ng/ml



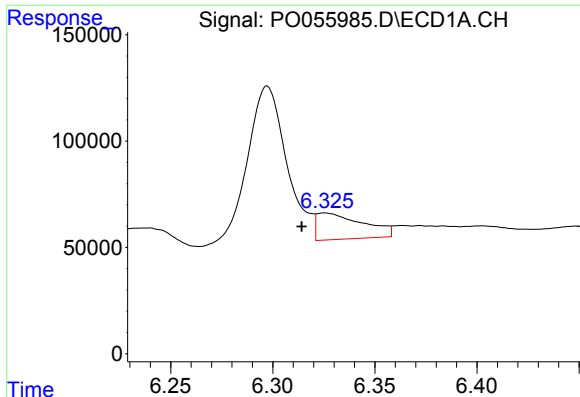
#23 AR-1248-3

R.T.: 5.898 min
Delta R.T.: -0.014 min
Response: 66865
Conc: 45.28 ng/ml



#23 AR-1248-3

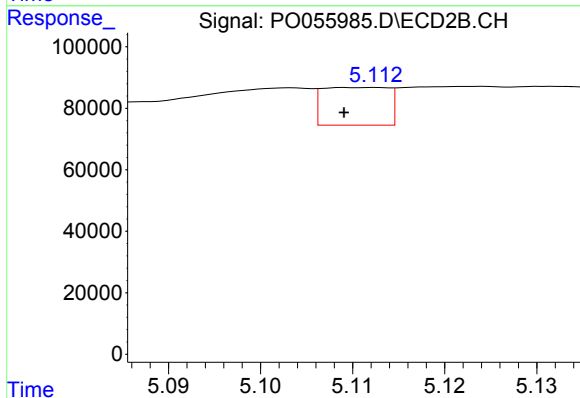
R.T.: 4.962 min
Delta R.T.: 0.024 min
Response: 155263
Conc: 136.78 ng/ml



#24 AR-1248-4

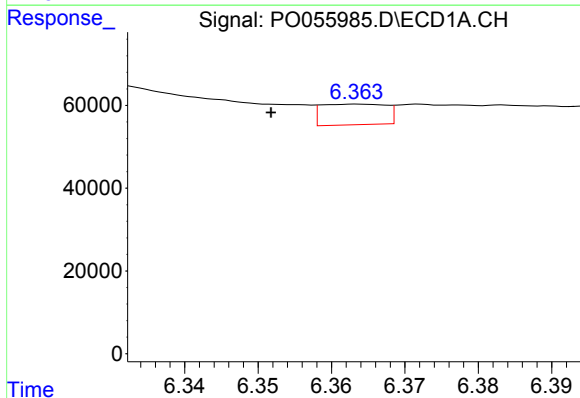
R.T.: 6.326 min
Delta R.T.: 0.011 min
Response: 195143
Conc: 111.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



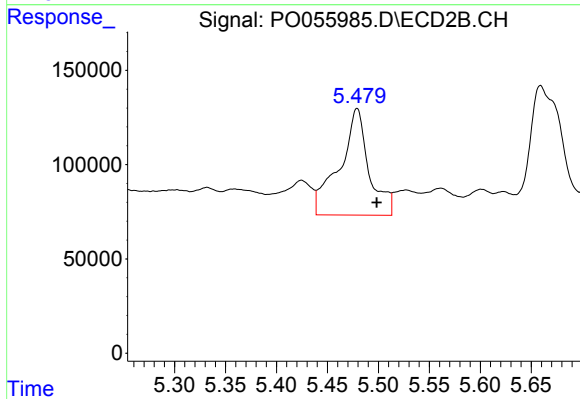
#24 AR-1248-4

R.T.: 5.112 min
Delta R.T.: 0.003 min
Response: 60862
Conc: 43.34 ng/ml



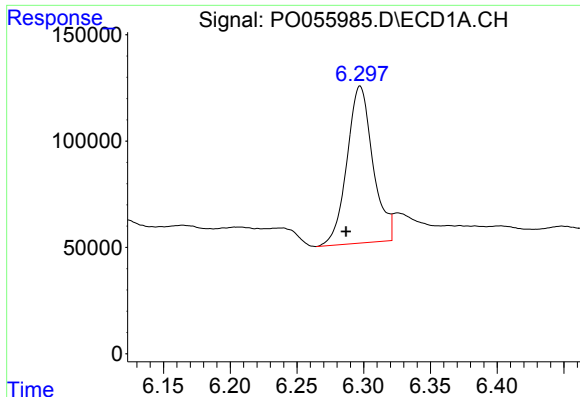
#25 AR-1248-5

R.T.: 6.364 min
Delta R.T.: 0.012 min
Response: 30592
Conc: 18.31 ng/ml



#25 AR-1248-5

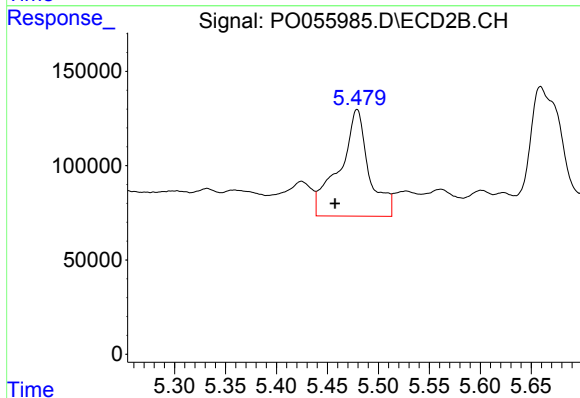
R.T.: 5.479 min
Delta R.T.: -0.019 min
Response: 1136727
Conc: 758.97 ng/ml



#26 AR-1254-1

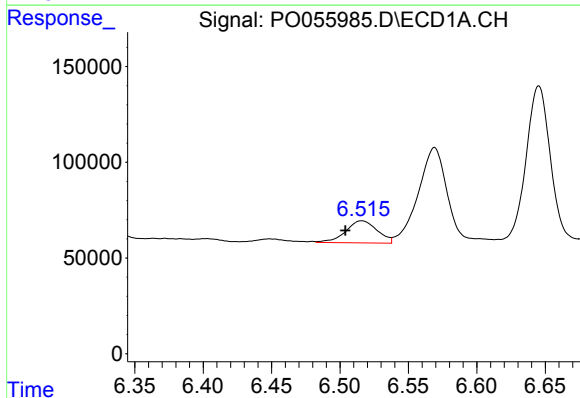
R.T.: 6.297 min
Delta R.T.: 0.010 min
Response: 996917
Conc: 474.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



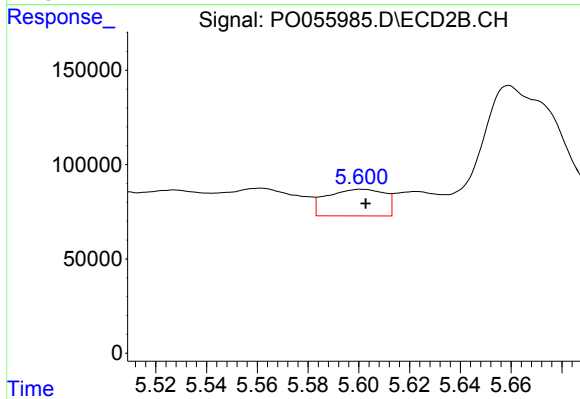
#26 AR-1254-1

R.T.: 5.479 min
Delta R.T.: 0.022 min
Response: 1136727
Conc: 424.73 ng/ml



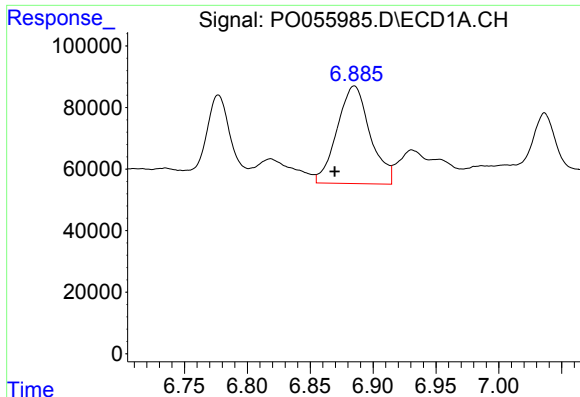
#27 AR-1254-2

R.T.: 6.516 min
Delta R.T.: 0.012 min
Response: 185358
Conc: 55.85 ng/ml



#27 AR-1254-2

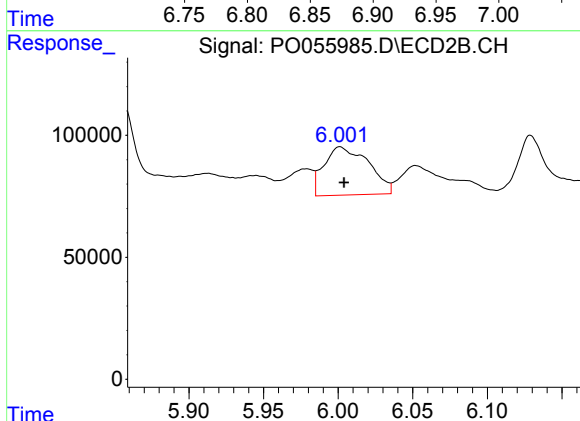
R.T.: 5.601 min
Delta R.T.: -0.002 min
Response: 223982
Conc: 91.69 ng/ml



#28 AR-1254-3

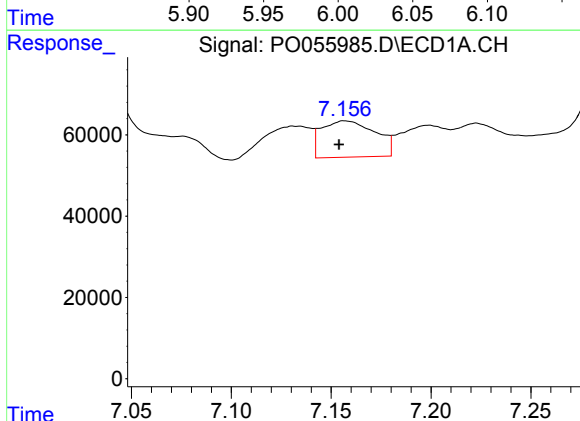
R.T.: 6.885 min
Delta R.T.: 0.015 min
Response: 579423
Conc: 159.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



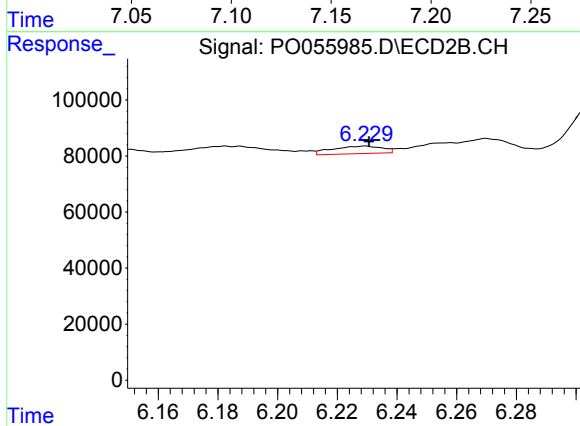
#28 AR-1254-3

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 411364
Conc: 103.68 ng/ml



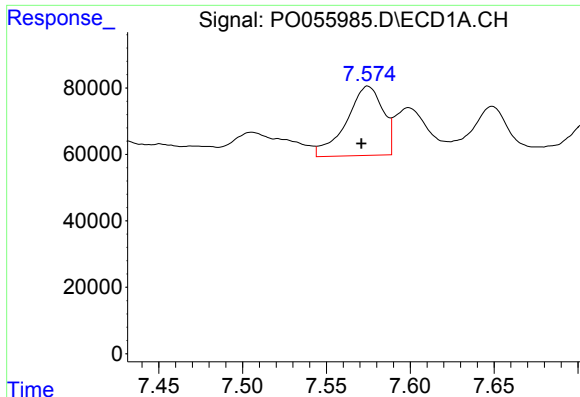
#29 AR-1254-4

R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 167186
Conc: 61.45 ng/ml



#29 AR-1254-4

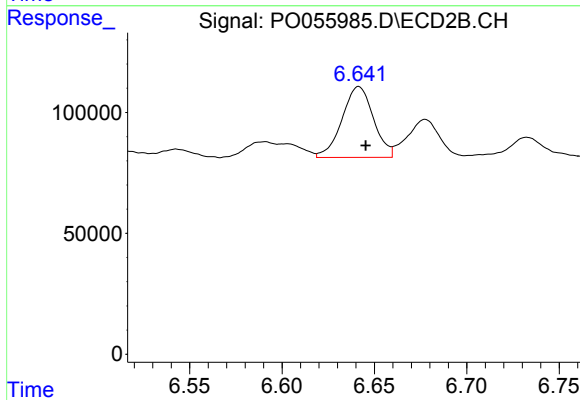
R.T.: 6.229 min
Delta R.T.: -0.001 min
Response: 31545
Conc: 11.77 ng/ml



#30 AR-1254-5

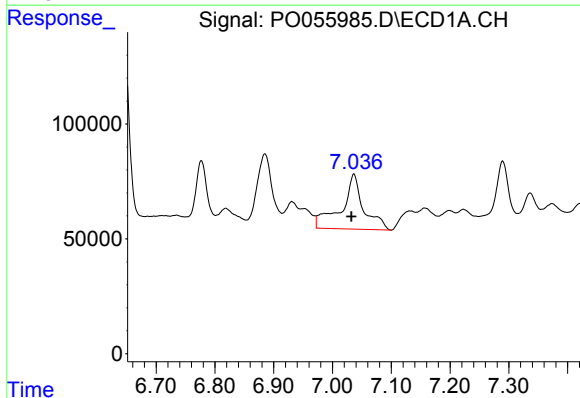
R.T.: 7.575 min
Delta R.T.: 0.004 min
Response: 316278
Conc: 110.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



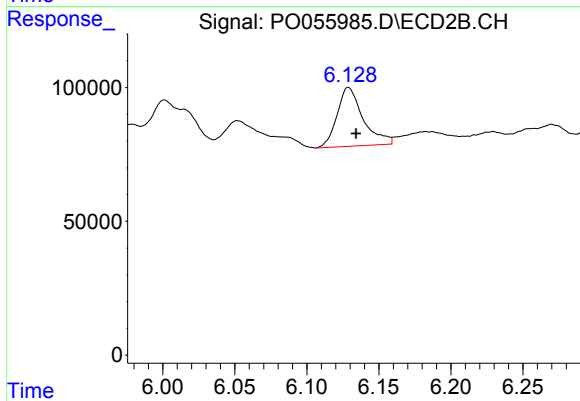
#30 AR-1254-5

R.T.: 6.642 min
Delta R.T.: -0.004 min
Response: 347171
Conc: 95.94 ng/ml



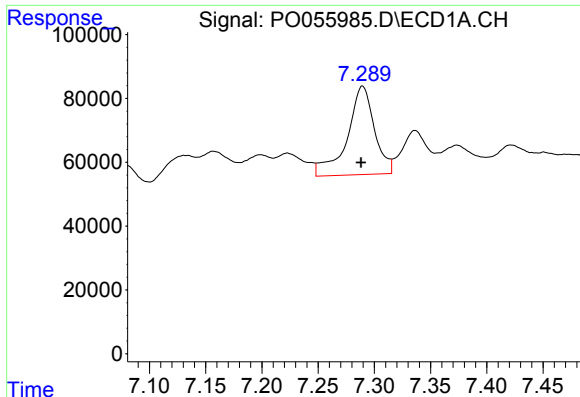
#31 AR-1260-1

R.T.: 7.036 min
Delta R.T.: 0.004 min
Response: 631587
Conc: 292.47 ng/ml



#31 AR-1260-1

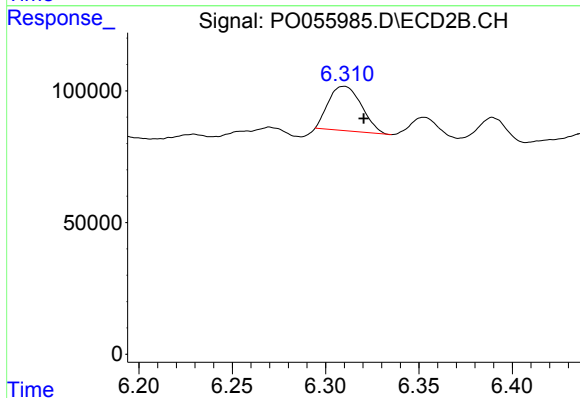
R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 276479
Conc: 125.49 ng/ml



#32 AR-1260-2

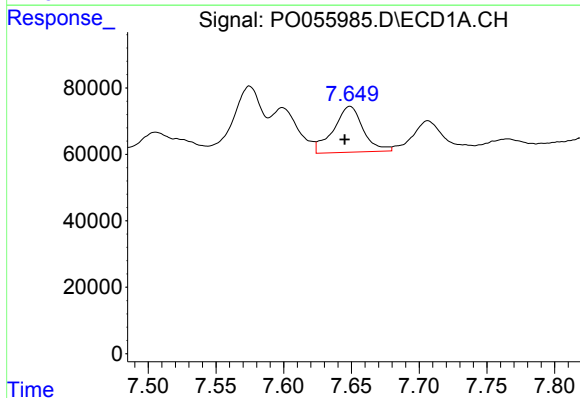
R.T.: 7.290 min
Delta R.T.: 0.001 min
Response: 468894
Conc: 179.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



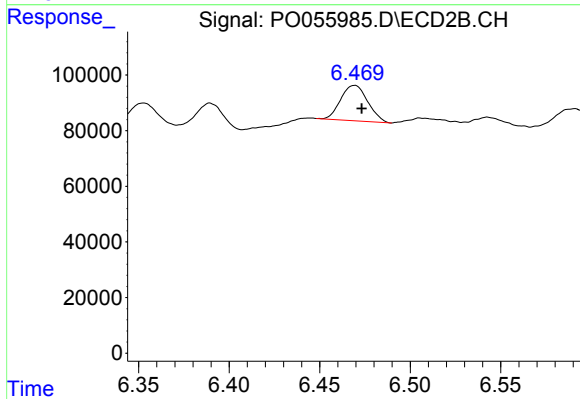
#32 AR-1260-2

R.T.: 6.310 min
Delta R.T.: -0.010 min
Response: 207210
Conc: 67.86 ng/ml



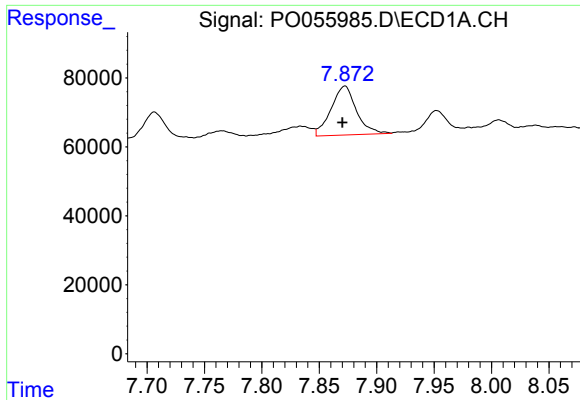
#33 AR-1260-3

R.T.: 7.649 min
Delta R.T.: 0.004 min
Response: 211514
Conc: 105.76 ng/ml



#33 AR-1260-3

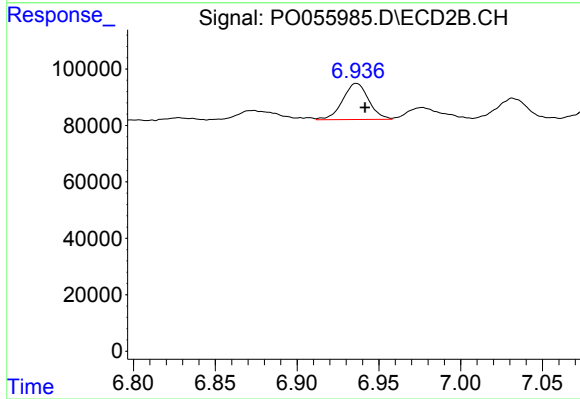
R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 132279
Conc: 53.08 ng/ml



#34 AR-1260-4

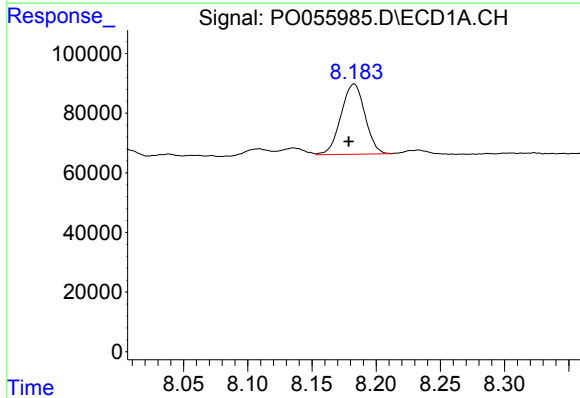
R.T.: 7.872 min
Delta R.T.: 0.002 min
Response: 218541
Conc: 94.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



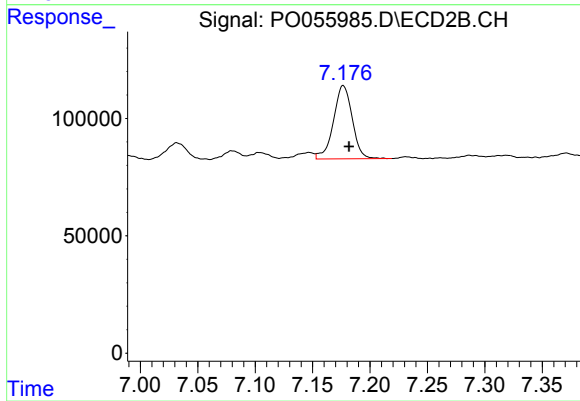
#34 AR-1260-4

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 141483
Conc: 68.57 ng/ml



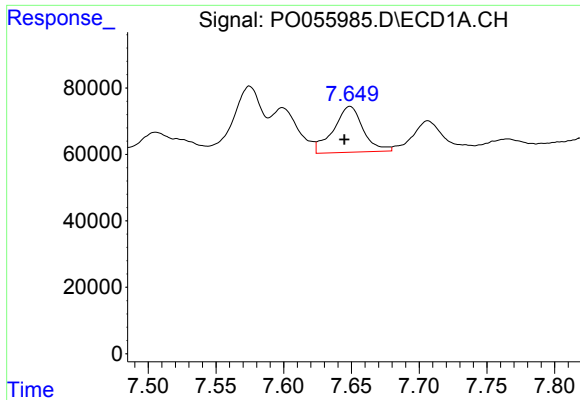
#35 AR-1260-5

R.T.: 8.183 min
Delta R.T.: 0.004 min
Response: 306394
Conc: 72.22 ng/ml



#35 AR-1260-5

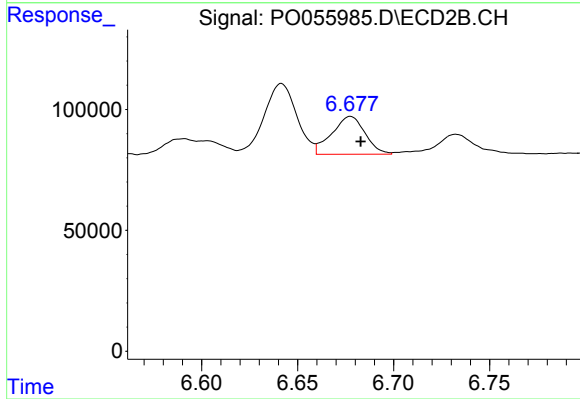
R.T.: 7.177 min
Delta R.T.: -0.005 min
Response: 355285
Conc: 70.74 ng/ml



#36 AR-1262-1

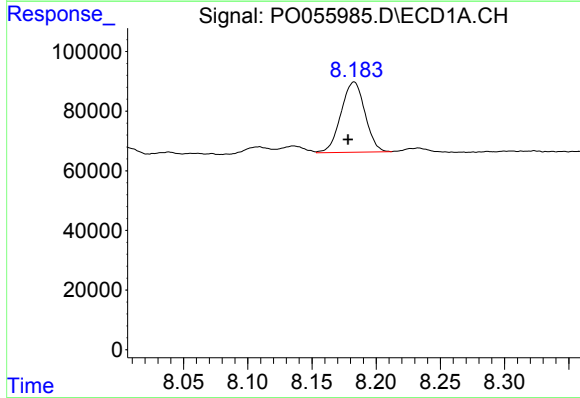
R.T.: 7.649 min
Delta R.T.: 0.004 min
Response: 211514
Conc: 65.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



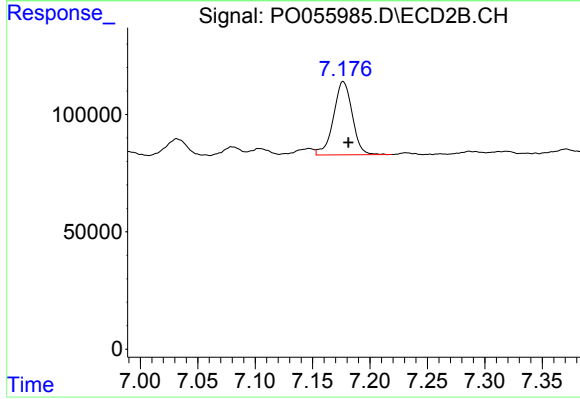
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: -0.005 min
Response: 189093
Conc: 46.11 ng/ml



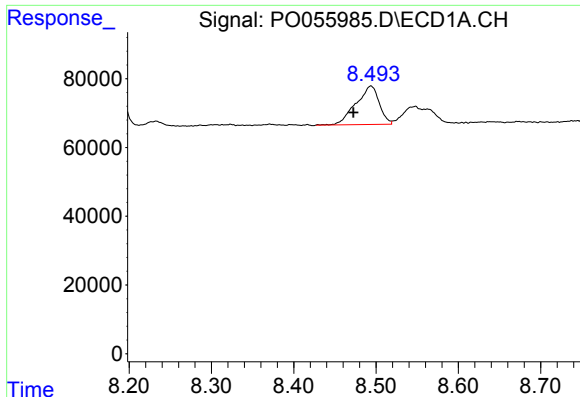
#37 AR-1262-2

R.T.: 8.183 min
Delta R.T.: 0.005 min
Response: 306394
Conc: 57.07 ng/ml



#37 AR-1262-2

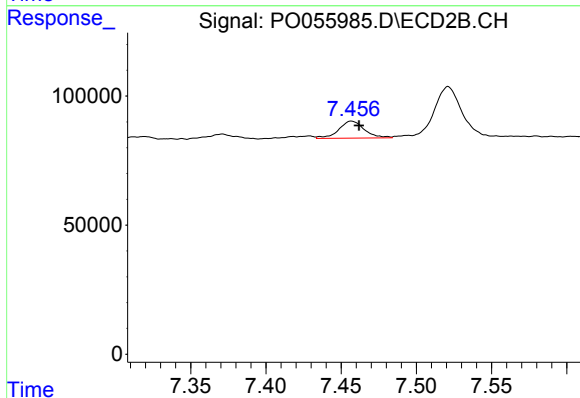
R.T.: 7.177 min
Delta R.T.: -0.004 min
Response: 355285
Conc: 56.82 ng/ml



#38 AR-1262-3

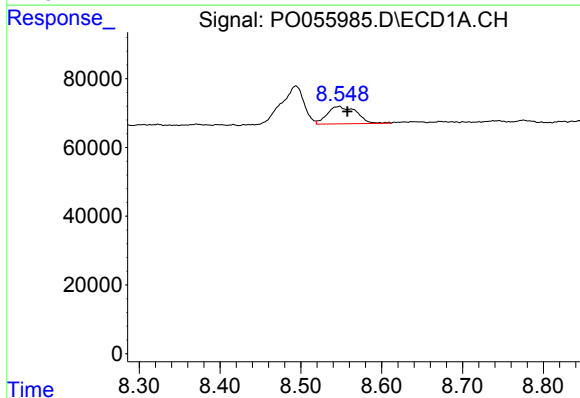
R.T.: 8.494 min
Delta R.T.: 0.021 min
Response: 220005
Conc: 60.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



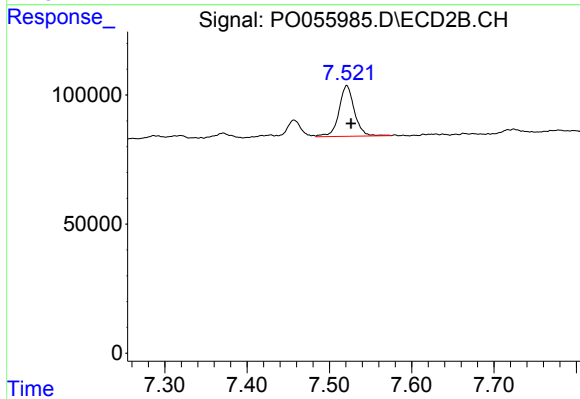
#38 AR-1262-3

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 78409
Conc: 31.84 ng/ml



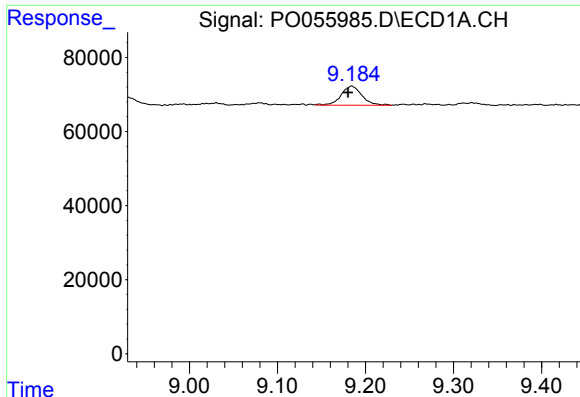
#39 AR-1262-4

R.T.: 8.548 min
Delta R.T.: -0.010 min
Response: 127518
Conc: 46.97 ng/ml



#39 AR-1262-4

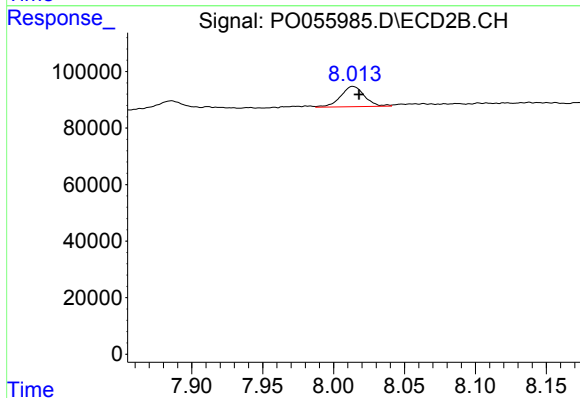
R.T.: 7.521 min
Delta R.T.: -0.005 min
Response: 255438
Conc: 62.38 ng/ml



#40 AR-1262-5

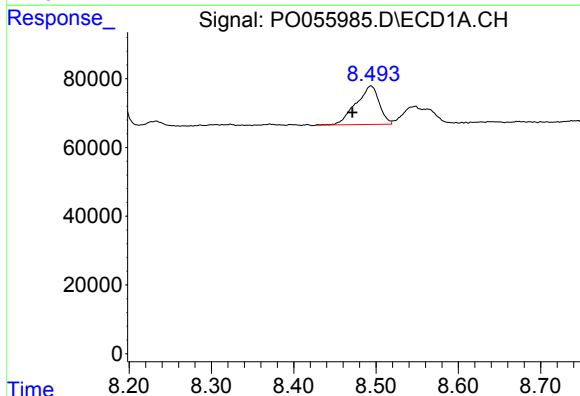
R.T.: 9.184 min
Delta R.T.: 0.004 min
Response: 85723
Conc: 47.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



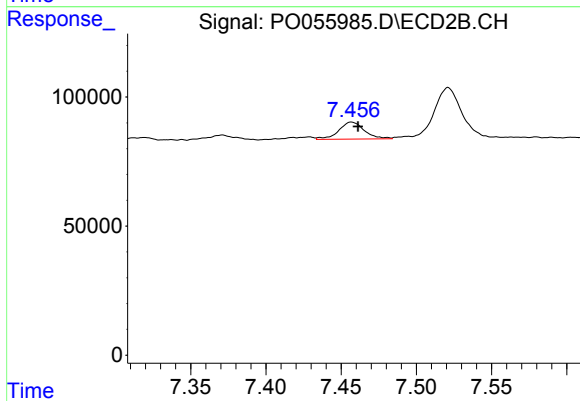
#40 AR-1262-5

R.T.: 8.014 min
Delta R.T.: -0.004 min
Response: 84839
Conc: 49.78 ng/ml



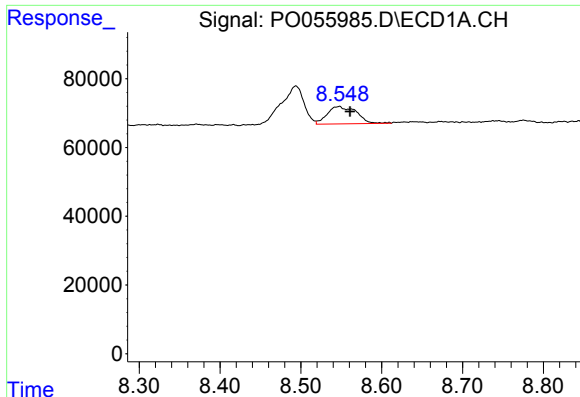
#41 AR-1268-1

R.T.: 8.494 min
Delta R.T.: 0.022 min
Response: 220005
Conc: 36.43 ng/ml



#41 AR-1268-1

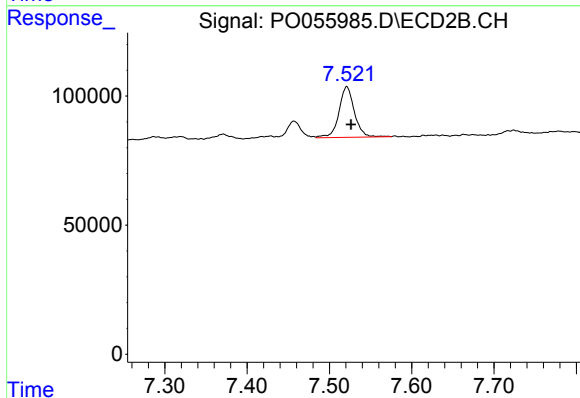
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 78409
Conc: 11.32 ng/ml



#42 AR-1268-2

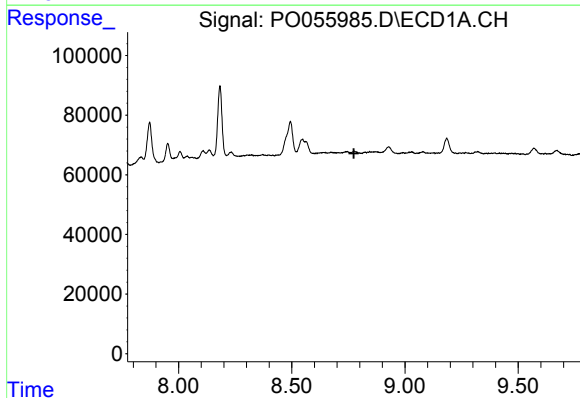
R.T.: 8.548 min
Delta R.T.: -0.013 min
Response: 127518
Conc: 23.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



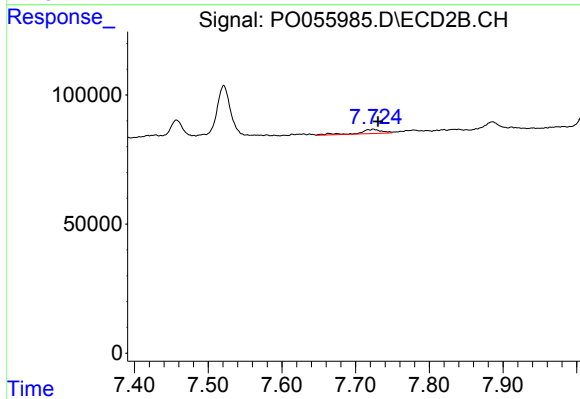
#42 AR-1268-2

R.T.: 7.521 min
Delta R.T.: -0.005 min
Response: 255438
Conc: 44.90 ng/ml



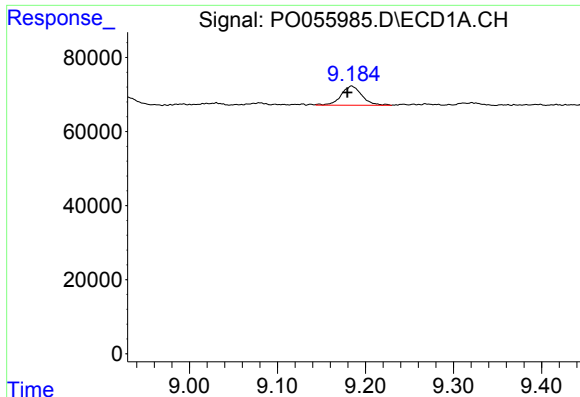
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.774 min
Response: 0
Conc: N.D.



#43 AR-1268-3

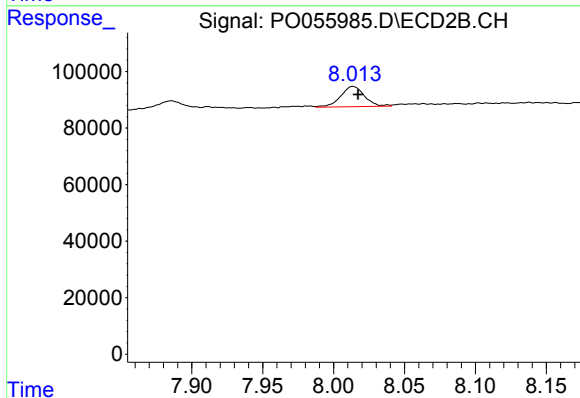
R.T.: 7.724 min
Delta R.T.: -0.007 min
Response: 32903
Conc: 6.97 ng/ml



#44 AR-1268-4

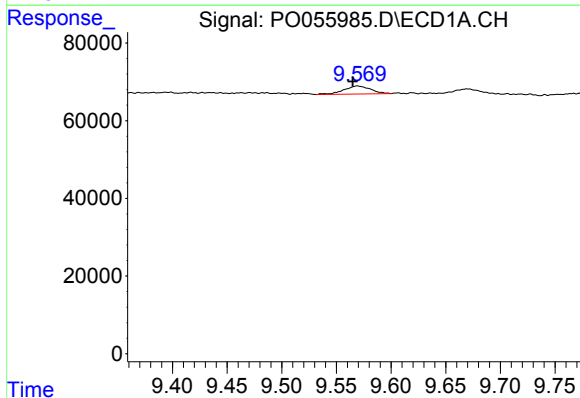
R.T.: 9.184 min
Delta R.T.: 0.005 min
Response: 85723
Conc: 43.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-01-COMP



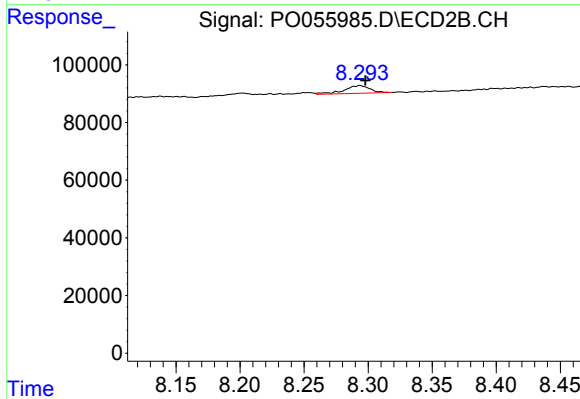
#44 AR-1268-4

R.T.: 8.014 min
Delta R.T.: -0.004 min
Response: 84839
Conc: 44.85 ng/ml



#45 AR-1268-5

R.T.: 9.569 min
Delta R.T.: 0.004 min
Response: 34705
Conc: 2.57 ng/ml



#45 AR-1268-5

R.T.: 8.294 min
Delta R.T.: -0.004 min
Response: 37221
Conc: 3.06 ng/ml