

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091218\
 Data File : P0048917.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Sep 2018 9:59
 Operator : SM/SJ
 Sample : J4859-01 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 10:14:29 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 12 08:13:07 2018
 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...	4.397	3.527	970201	820689	5.922	4.499
2)	SA Decachlor...	10.110	8.464	542903	342483	2.437	1.846
Target Compounds							
3)	L1 AR-1016-1	5.087	4.195	1913915	-129929	422.219	N.D. #
4)	L1 AR-1016-2	5.307	4.560	823197	150.6E6	173.495	19446.031 #
5)	L1 AR-1016-3	5.523	4.560	1048.3E6	150.6E6	145010.547	14574.577 #
6)	L1 AR-1016-4	5.716	0.000	324325	0	51.584	N.D. #
7)	L1 AR-1016-5	6.096	5.093	704699	1790496	132.572	258.091 #
8)	L2 AR-1221-1	4.548	3.768	158187	568765	88.461	280.087 #
9)	L2 AR-1221-2	4.707	3.832	-20394	398995	N.D.	258.132 #
10)	L2 AR-1221-3	4.824	3.907	800658	225224	177.035	47.252 #
11)	L3 AR-1232-1	5.523	4.372	1048.3E6	816693	2895230.875	412.154 #
12)	L3 AR-1232-2	5.716	4.507	324325	240125	168.916	354.637 #
13)	L3 AR-1232-3	5.932	4.833	964376	1678728	1788.086	894.613 #
14)	L3 AR-1232-4	6.241	5.193	1398423	1483950	2905.042	707.664 #
15)	L3 AR-1232-5	7.143	5.766	466706	1366098	1510.901	5364.463 #
16)	L4 AR-1242-1	5.168	4.195	2955461	-129929	1768.208	N.D. #
17)	L4 AR-1242-2	5.932	4.795	964376	-114560	296.332	N.D. #
18)	L4 AR-1242-3	6.096	4.911	704699	78934100	449.115	53933.840 #
19)	L4 AR-1242-4	6.138	5.277	979220	1513335	814.639	1201.954 #
20)	L4 AR-1242-5	6.188	5.631	2544028	773067	585.764	228.390 #
21)	L5 AR-1248-1	5.834	4.833	104.8E6	1678728	18837.921	250.294 #
22)	L5 AR-1248-2	6.483	5.380	944204	1509156	155.176	118.716
23)	L5 AR-1248-3	6.483	5.428	944204	1248123	117.637	139.039
24)	L5 AR-1248-4	6.483	5.570	944204	1277220	123.132	157.378 #
25)	L5 AR-1248-5	6.691	5.964	1254588	1469551	239.389	234.315
26)	L6 AR-1254-1	6.641	5.535	1255020	6385415	80.571	481.588 #
27)	L6 AR-1254-2	6.917	5.853	555524	1381935	54.749	118.407 #
28)	L6 AR-1254-3	6.961	6.171	580016	606033	32.370	41.035 #
29)	L6 AR-1254-4	7.324	6.457	1076727	122591	77.873	10.970 #
30)	L6 AR-1254-5	7.550	6.554	778772	239494	77.146	11.441 #
31)	L7 AR-1260-1	7.143	6.066	466706	725297	37.327	53.465 #
32)	L7 AR-1260-2	7.416	6.251	586377	107928	42.262	6.363 #
33)	L7 AR-1260-3	7.716	6.362	288847	154189	19.242	9.595 #
34)	L7 AR-1260-4	8.031	6.856	1961919	192556	196.068	14.473 #
35)	L7 AR-1260-5	8.327	7.069	562117	1784580	27.633	58.049 #
36)	L8 AR-1262-1	7.064	5.964	181327	1469551	27.565	196.149 #
37)	L8 AR-1262-2	7.810	6.649	-198745	630021	N.D.	83.571 #
38)	L8 AR-1262-3	8.031	6.956	1961919	237808	385.810	28.941 #
39)	L8 AR-1262-4	8.728	7.400	589442	225581	54.540	18.253 #
40)	L8 AR-1262-5	9.391	7.941	2443613	1555542	298.931	153.096 #
41)	L9 AR-1268-1	7.810	6.649	-198745	630021	N.D.	83.043 #

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 Operator : SM/SJ
 Sample : J4859-01 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

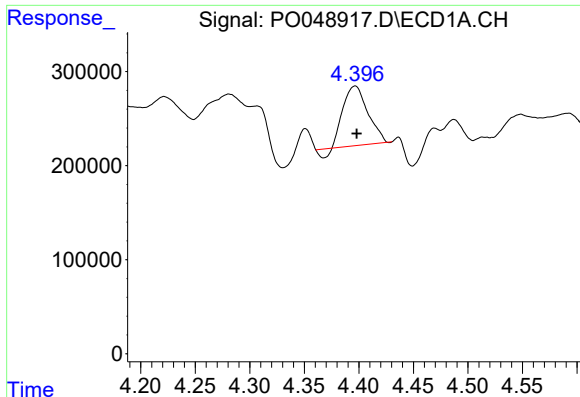
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 10:14:29 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
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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
42) L9	AR-1268-2	8.031	7.465	1961919	690800	320.660	20.772 #
43) L9	AR-1268-3	8.628	7.680	857672	-416982	32.718	N.D. #
44) L9	AR-1268-4	8.972	7.811	609758	1365839	28.273	176.323 #
45) L9	AR-1268-5	9.785	8.239	1657805	19014	22.421	0.268 #

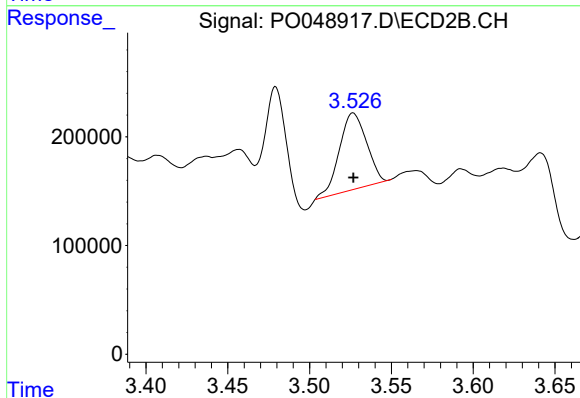
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

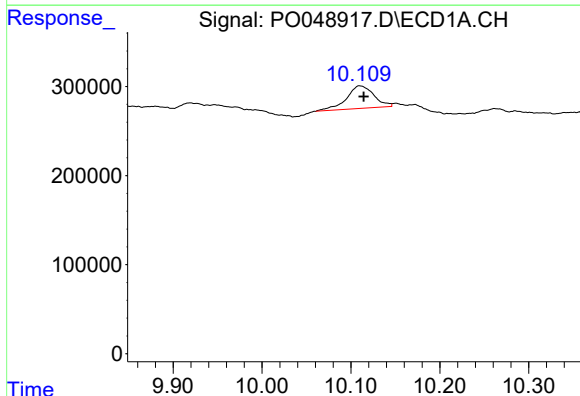
R.T.: 4.397 min
Delta R.T.: -0.001 min
Response: 970201
Conc: 5.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



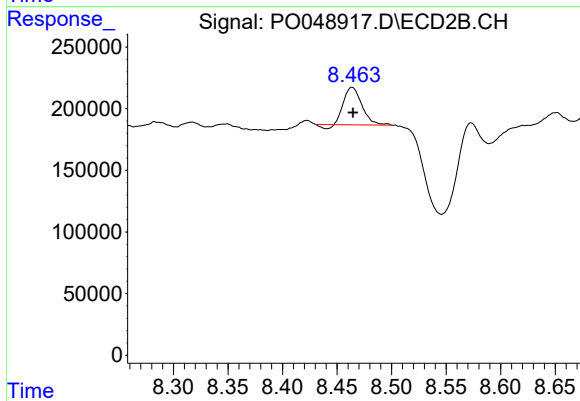
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 820689
Conc: 4.50 ng/ml



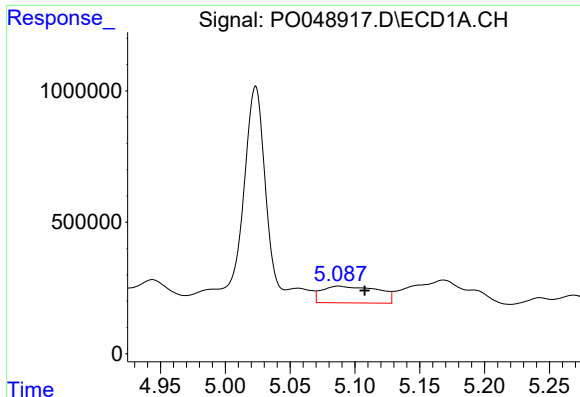
#2 Decachlorobiphenyl

R.T.: 10.110 min
Delta R.T.: -0.005 min
Response: 542903
Conc: 2.44 ng/ml



#2 Decachlorobiphenyl

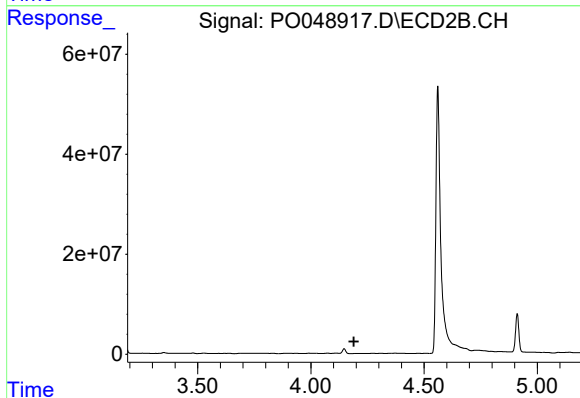
R.T.: 8.464 min
Delta R.T.: 0.000 min
Response: 342483
Conc: 1.85 ng/ml



#3 AR-1016-1

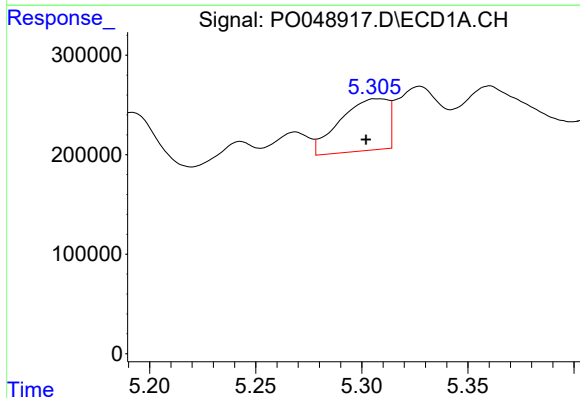
R.T.: 5.087 min
Delta R.T.: -0.020 min
Response: 1913915
Conc: 422.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



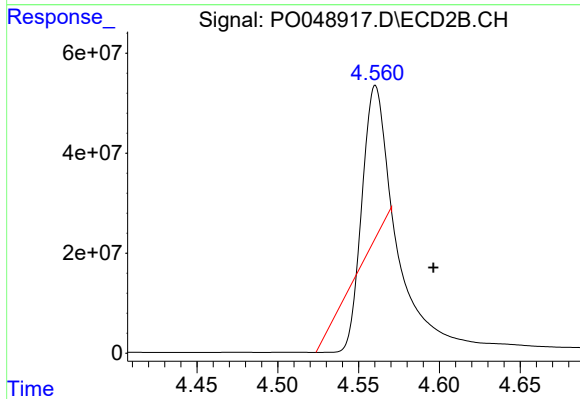
#3 AR-1016-1

R.T.: 4.195 min
Delta R.T.: 0.005 min
Response: -129929
Conc: N.D.



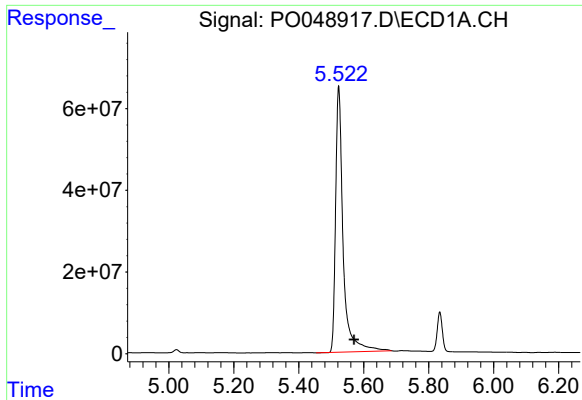
#4 AR-1016-2

R.T.: 5.307 min
Delta R.T.: 0.005 min
Response: 823197
Conc: 173.49 ng/ml



#4 AR-1016-2

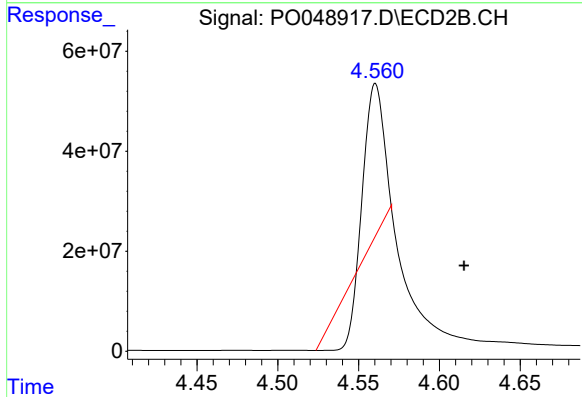
R.T.: 4.560 min
Delta R.T.: -0.036 min
Response: 150554920
Conc: 19446.03 ng/ml



#5 AR-1016-3

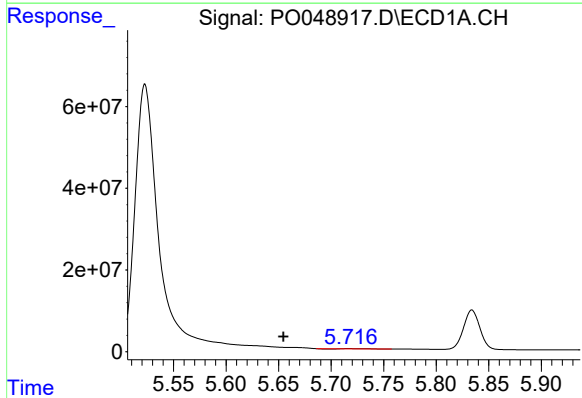
R.T.: 5.523 min
Delta R.T.: -0.048 min
Response: 1048265456
Conc: 145010.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



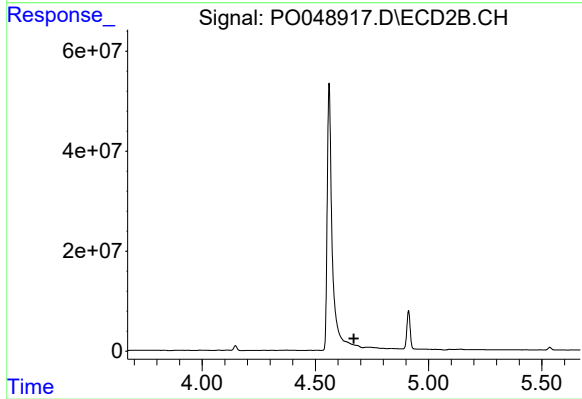
#5 AR-1016-3

R.T.: 4.560 min
Delta R.T.: -0.055 min
Response: 150554920
Conc: 14574.58 ng/ml



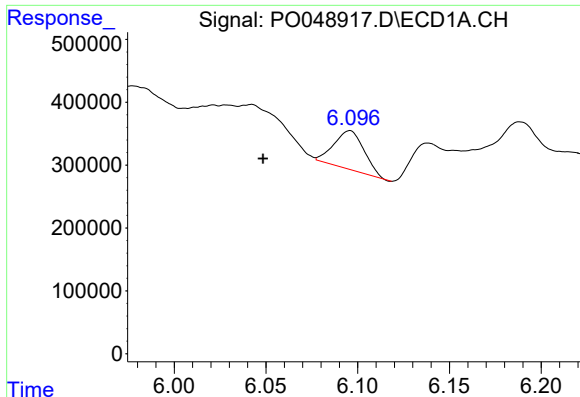
#6 AR-1016-4

R.T.: 5.716 min
Delta R.T.: 0.062 min
Response: 324325
Conc: 51.58 ng/ml



#6 AR-1016-4

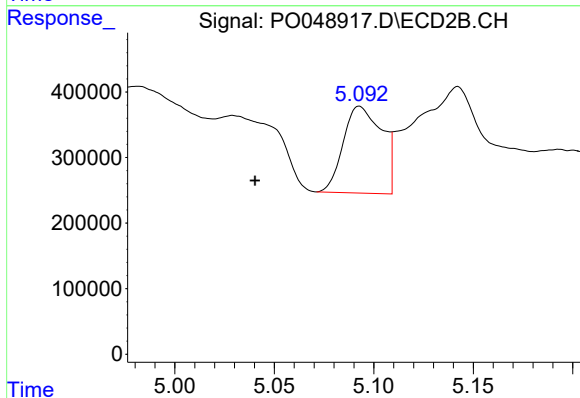
R.T.: 0.000 min
Exp R.T.: 4.670 min
Response: 0
Conc: N.D.



#7 AR-1016-5

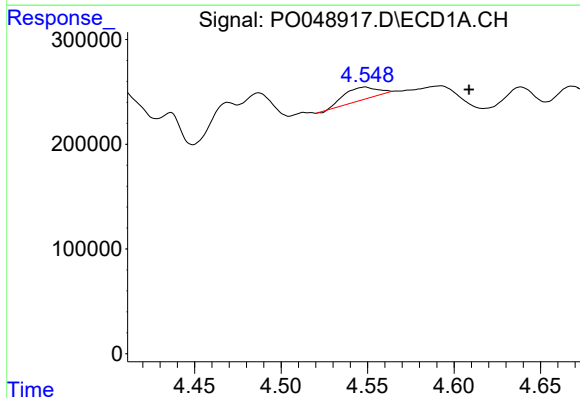
R.T.: 6.096 min
Delta R.T.: 0.047 min
Response: 704699
Conc: 132.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



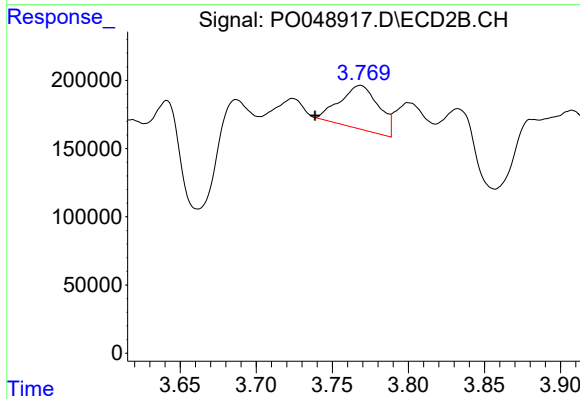
#7 AR-1016-5

R.T.: 5.093 min
Delta R.T.: 0.053 min
Response: 1790496
Conc: 258.09 ng/ml



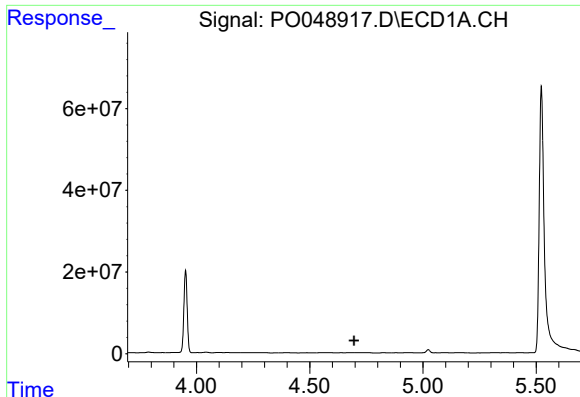
#8 AR-1221-1

R.T.: 4.548 min
Delta R.T.: -0.060 min
Response: 158187
Conc: 88.46 ng/ml



#8 AR-1221-1

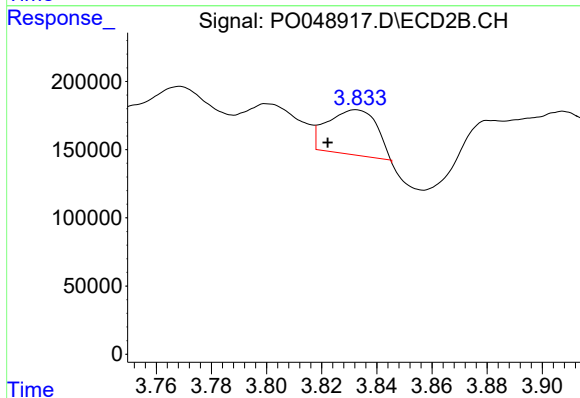
R.T.: 3.768 min
Delta R.T.: 0.030 min
Response: 568765
Conc: 280.09 ng/ml



#9 AR-1221-2

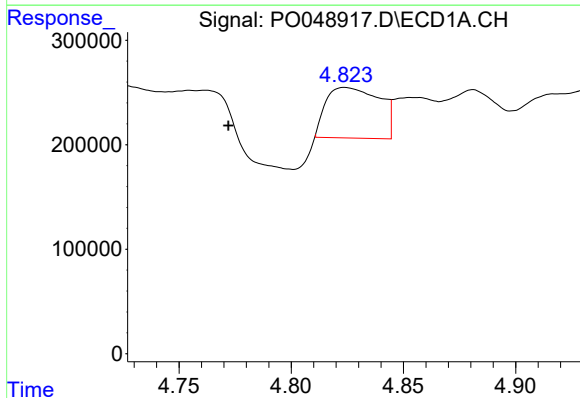
R.T.: 4.707 min
Delta R.T.: 0.012 min
Response: -20394
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



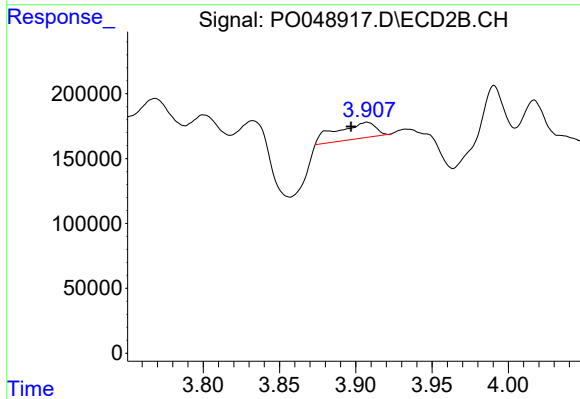
#9 AR-1221-2

R.T.: 3.832 min
Delta R.T.: 0.010 min
Response: 398995
Conc: 258.13 ng/ml



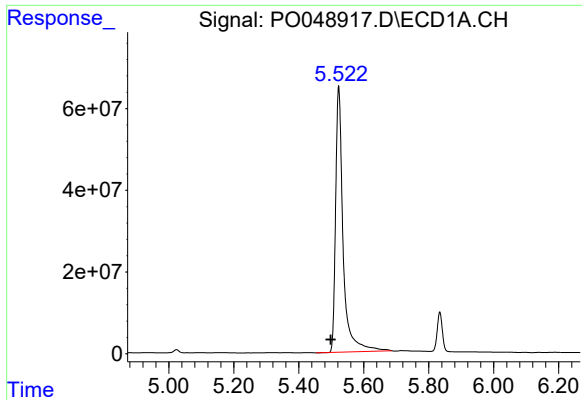
#10 AR-1221-3

R.T.: 4.824 min
Delta R.T.: 0.052 min
Response: 800658
Conc: 177.04 ng/ml



#10 AR-1221-3

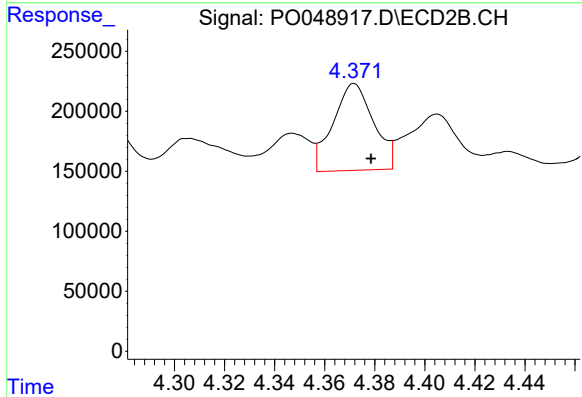
R.T.: 3.907 min
Delta R.T.: 0.010 min
Response: 225224
Conc: 47.25 ng/ml



#11 AR-1232-1

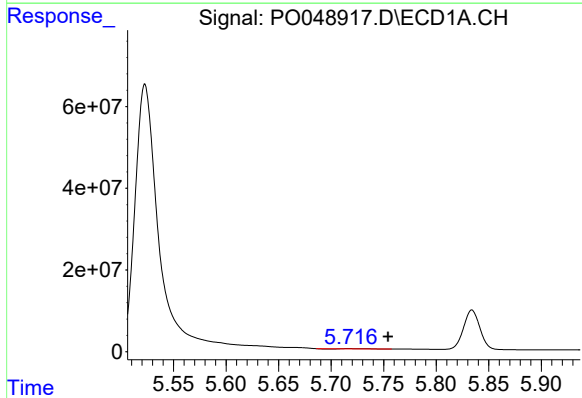
R.T.: 5.523 min
Delta R.T.: 0.025 min
Response: 1048265456
Conc: 2895230.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



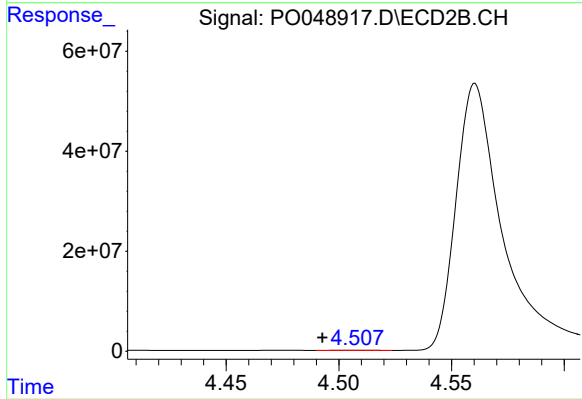
#11 AR-1232-1

R.T.: 4.372 min
Delta R.T.: -0.007 min
Response: 816693
Conc: 412.15 ng/ml



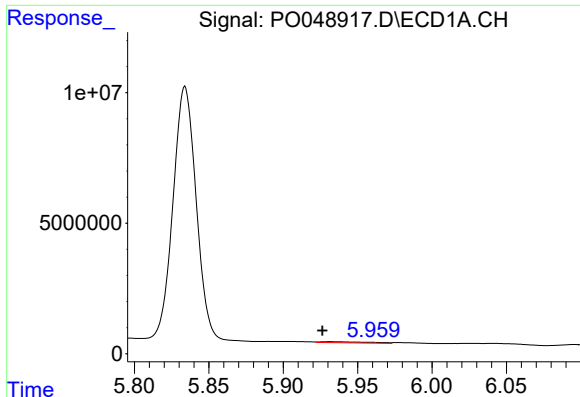
#12 AR-1232-2

R.T.: 5.716 min
Delta R.T.: -0.038 min
Response: 324325
Conc: 168.92 ng/ml



#12 AR-1232-2

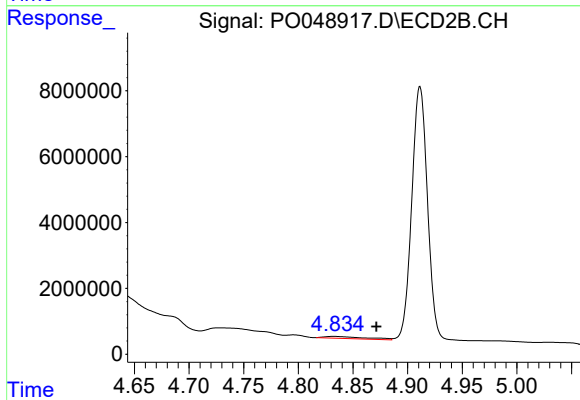
R.T.: 4.507 min
Delta R.T.: 0.015 min
Response: 240125
Conc: 354.64 ng/ml



#13 AR-1232-3

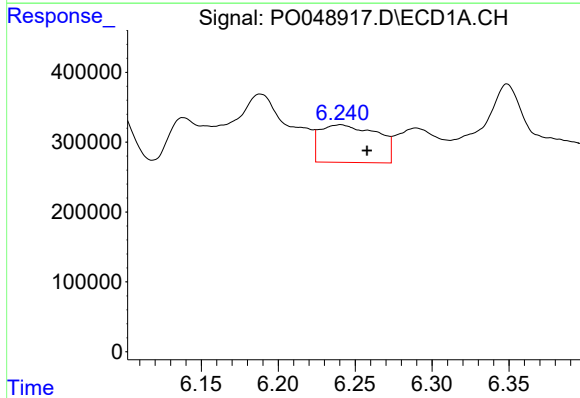
R.T.: 5.932 min
Delta R.T.: 0.006 min
Response: 964376
Conc: 1788.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



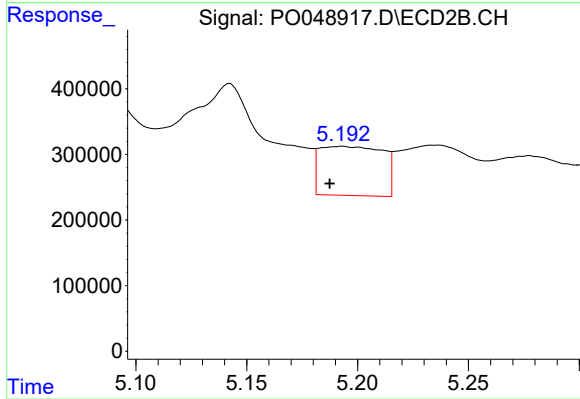
#13 AR-1232-3

R.T.: 4.833 min
Delta R.T.: -0.039 min
Response: 1678728
Conc: 894.61 ng/ml



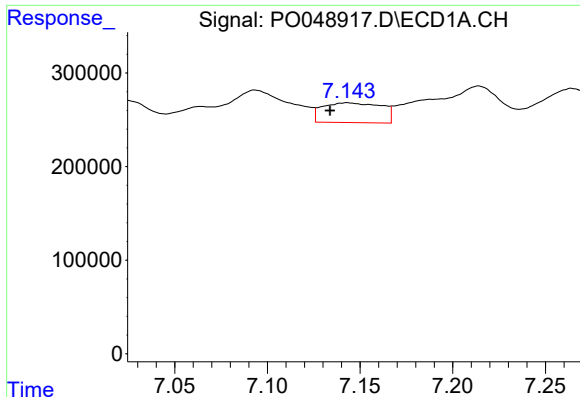
#14 AR-1232-4

R.T.: 6.241 min
Delta R.T.: -0.017 min
Response: 1398423
Conc: 2905.04 ng/ml



#14 AR-1232-4

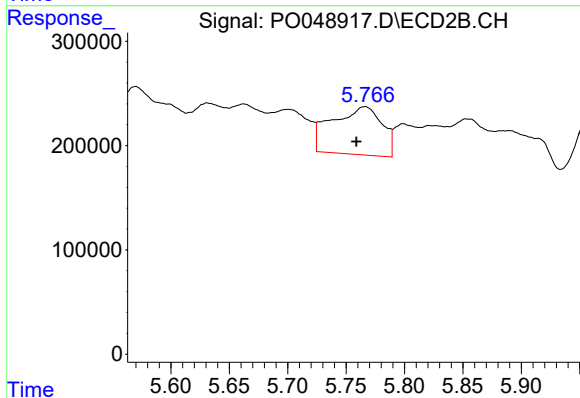
R.T.: 5.193 min
Delta R.T.: 0.005 min
Response: 1483950
Conc: 707.66 ng/ml



#15 AR-1232-5

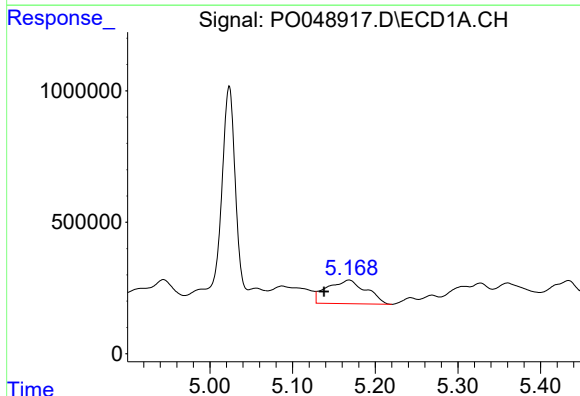
R.T.: 7.143 min
Delta R.T.: 0.009 min
Response: 466706
Conc: 1510.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



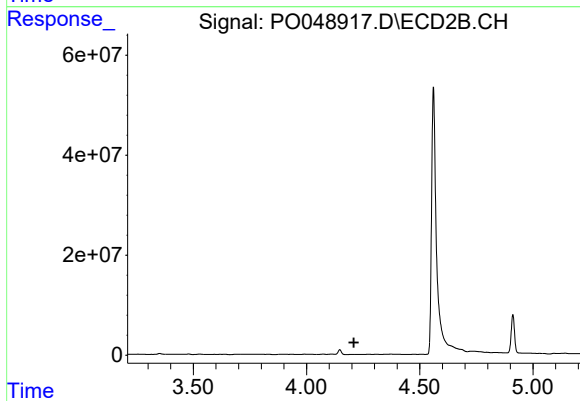
#15 AR-1232-5

R.T.: 5.766 min
Delta R.T.: 0.007 min
Response: 1366098
Conc: 5364.46 ng/ml



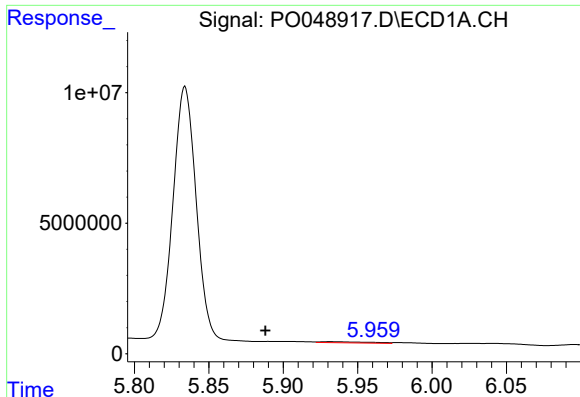
#16 AR-1242-1

R.T.: 5.168 min
Delta R.T.: 0.030 min
Response: 2955461
Conc: 1768.21 ng/ml



#16 AR-1242-1

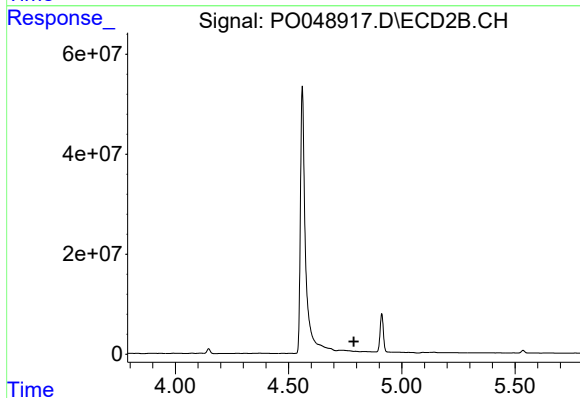
R.T.: 4.195 min
Delta R.T.: -0.015 min
Response: -129929
Conc: N.D.



#17 AR-1242-2

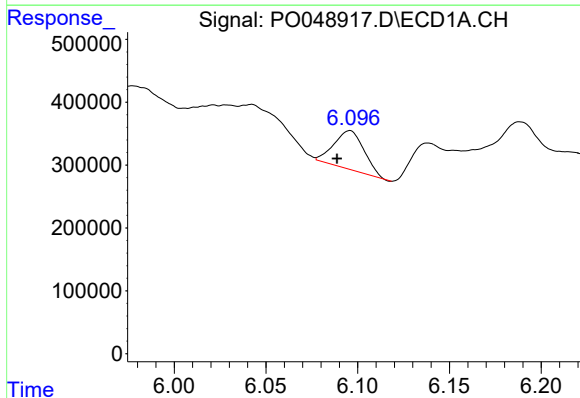
R.T.: 5.932 min
Delta R.T.: 0.044 min
Response: 964376
Conc: 296.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



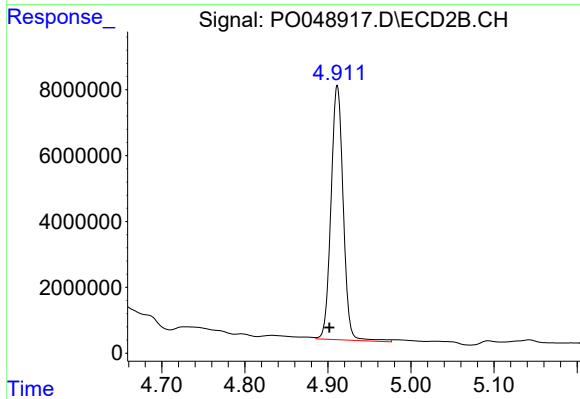
#17 AR-1242-2

R.T.: 4.795 min
Delta R.T.: 0.007 min
Response: -114560
Conc: N.D.



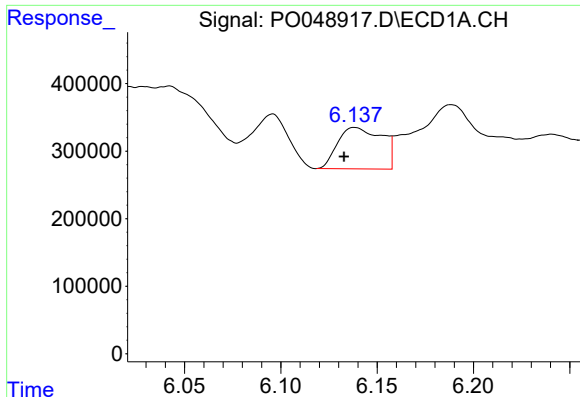
#18 AR-1242-3

R.T.: 6.096 min
Delta R.T.: 0.007 min
Response: 704699
Conc: 449.12 ng/ml



#18 AR-1242-3

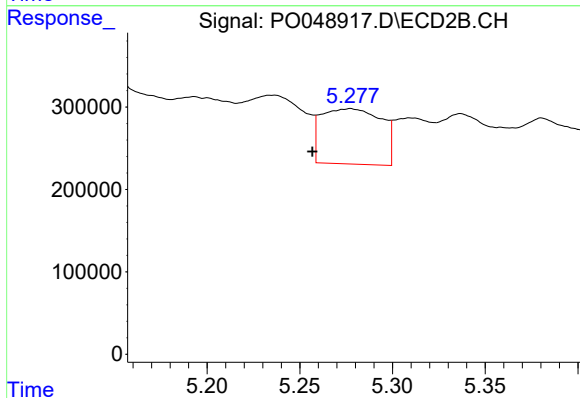
R.T.: 4.911 min
Delta R.T.: 0.009 min
Response: 78934100
Conc: 53933.84 ng/ml



#19 AR-1242-4

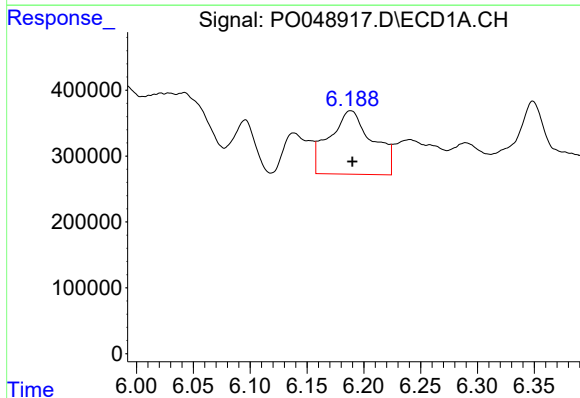
R.T.: 6.138 min
Delta R.T.: 0.006 min
Response: 979220
Conc: 814.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



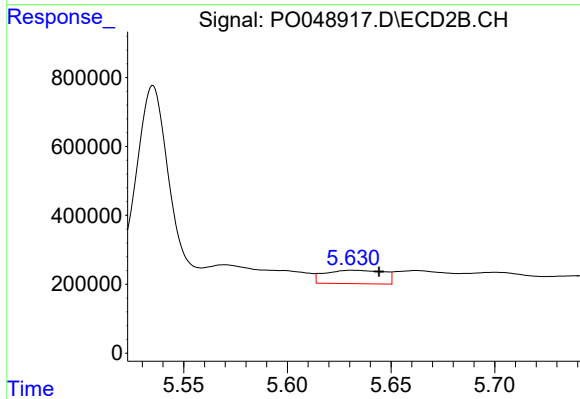
#19 AR-1242-4

R.T.: 5.277 min
Delta R.T.: 0.021 min
Response: 1513335
Conc: 1201.95 ng/ml



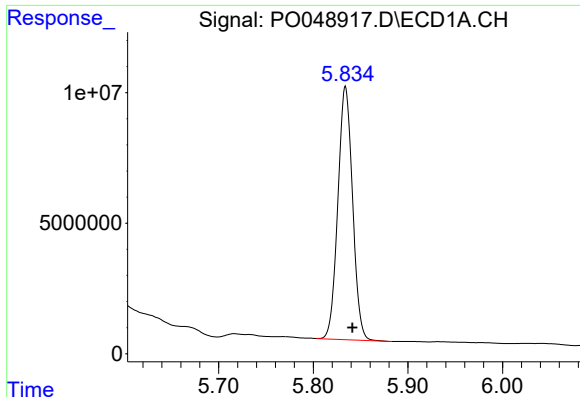
#20 AR-1242-5

R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 2544028
Conc: 585.76 ng/ml



#20 AR-1242-5

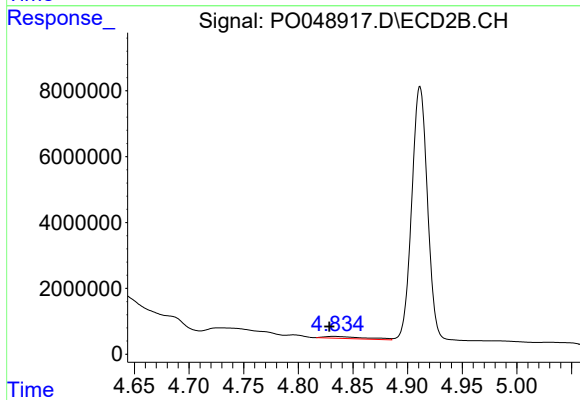
R.T.: 5.631 min
Delta R.T.: -0.013 min
Response: 773067
Conc: 228.39 ng/ml



#21 AR-1248-1

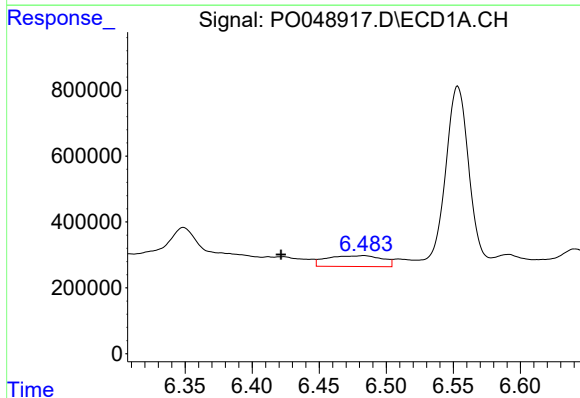
R.T.: 5.834 min
Delta R.T.: -0.007 min
Response: 104788310
Conc: 18837.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



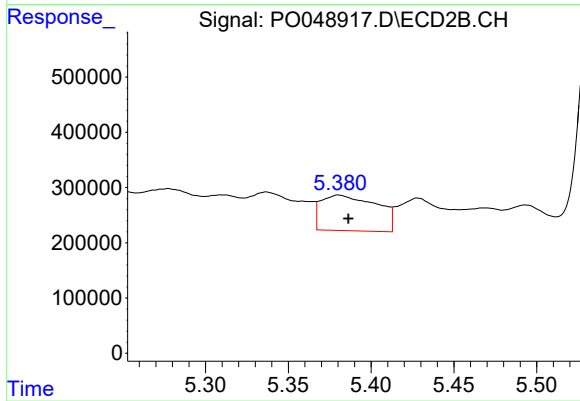
#21 AR-1248-1

R.T.: 4.833 min
Delta R.T.: 0.004 min
Response: 1678728
Conc: 250.29 ng/ml



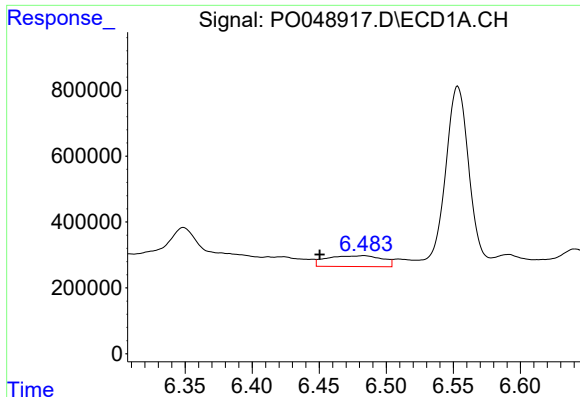
#22 AR-1248-2

R.T.: 6.483 min
Delta R.T.: 0.062 min
Response: 944204
Conc: 155.18 ng/ml



#22 AR-1248-2

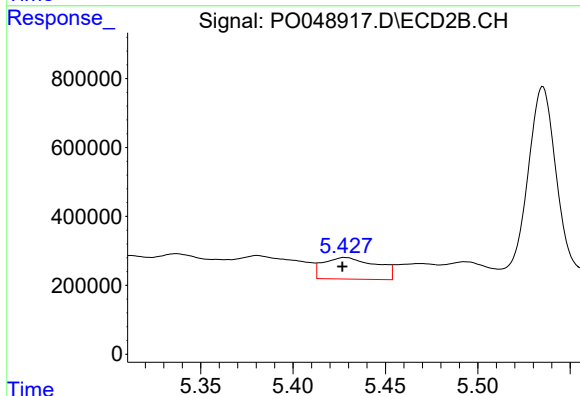
R.T.: 5.380 min
Delta R.T.: -0.006 min
Response: 1509156
Conc: 118.72 ng/ml



#23 AR-1248-3

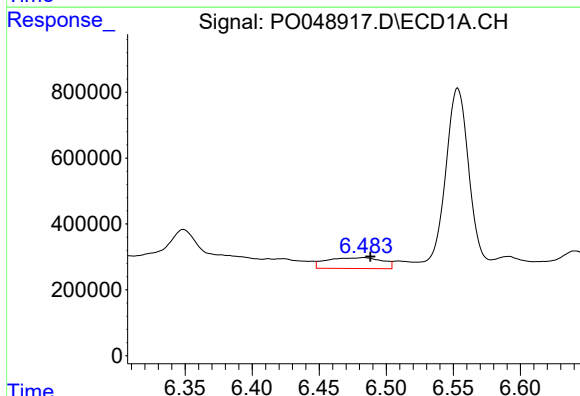
R.T.: 6.483 min
Delta R.T.: 0.033 min
Response: 944204
Conc: 117.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



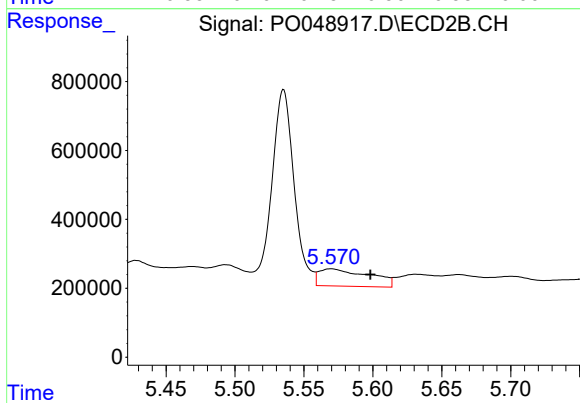
#23 AR-1248-3

R.T.: 5.428 min
Delta R.T.: 0.001 min
Response: 1248123
Conc: 139.04 ng/ml



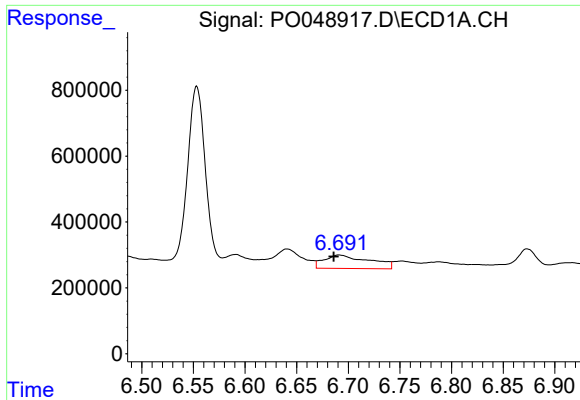
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: -0.005 min
Response: 944204
Conc: 123.13 ng/ml



#24 AR-1248-4

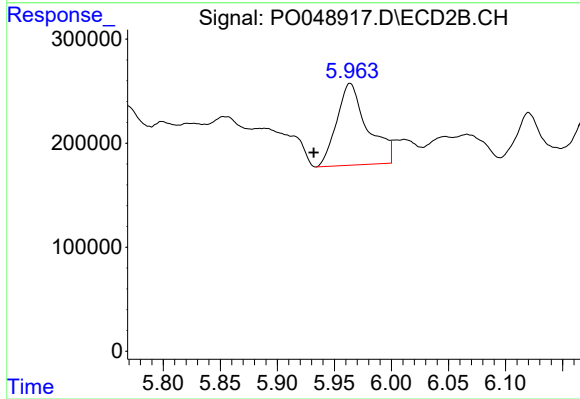
R.T.: 5.570 min
Delta R.T.: -0.029 min
Response: 1277220
Conc: 157.38 ng/ml



#25 AR-1248-5

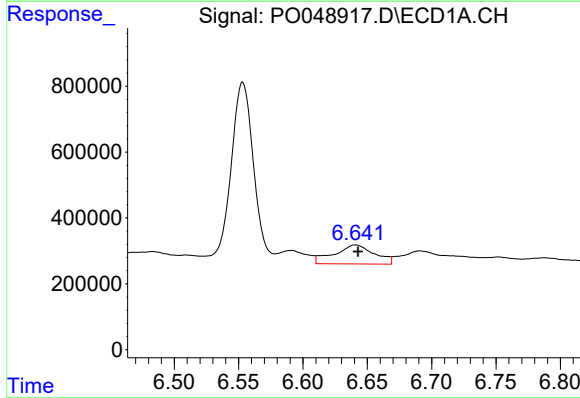
R.T.: 6.691 min
Delta R.T.: 0.005 min
Response: 1254588
Conc: 239.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



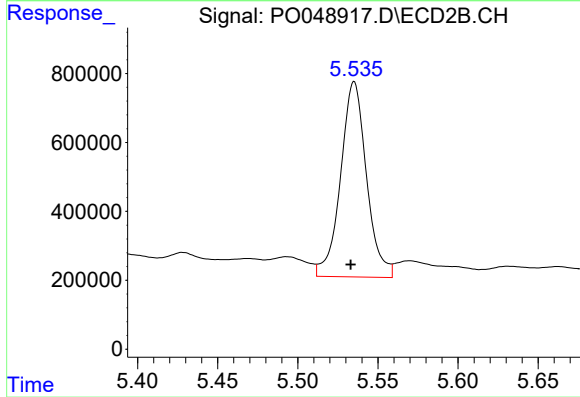
#25 AR-1248-5

R.T.: 5.964 min
Delta R.T.: 0.032 min
Response: 1469551
Conc: 234.32 ng/ml



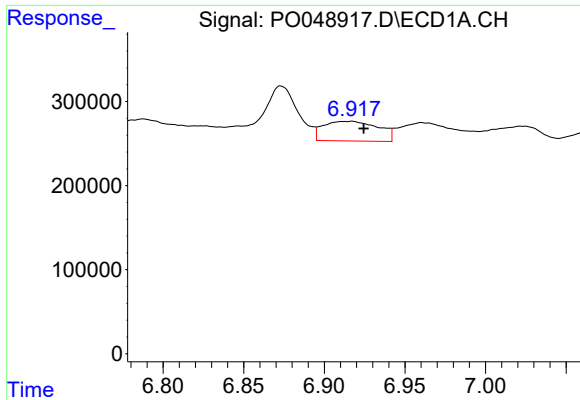
#26 AR-1254-1

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 1255020
Conc: 80.57 ng/ml



#26 AR-1254-1

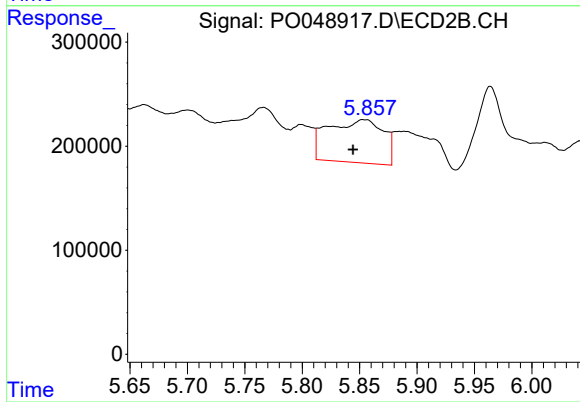
R.T.: 5.535 min
Delta R.T.: 0.002 min
Response: 6385415
Conc: 481.59 ng/ml



#27 AR-1254-2

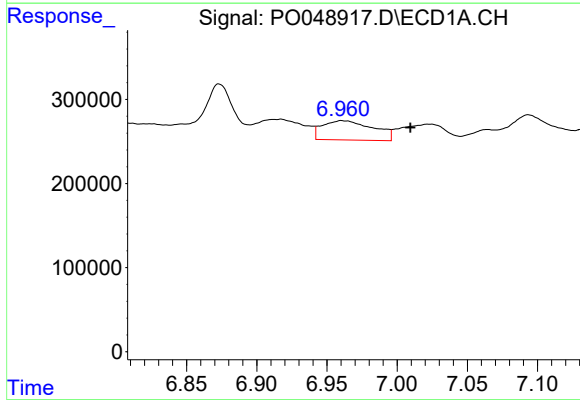
R.T.: 6.917 min
Delta R.T.: -0.008 min
Response: 555524
Conc: 54.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



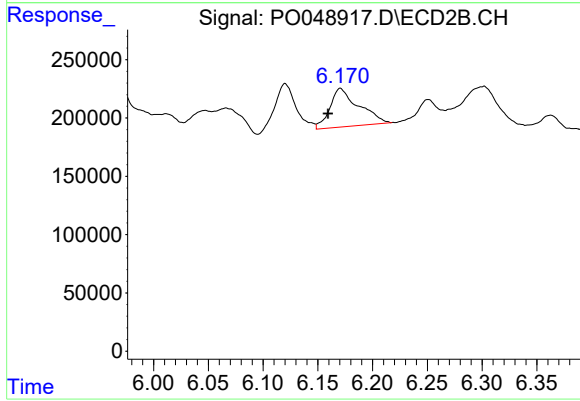
#27 AR-1254-2

R.T.: 5.853 min
Delta R.T.: 0.009 min
Response: 1381935
Conc: 118.41 ng/ml



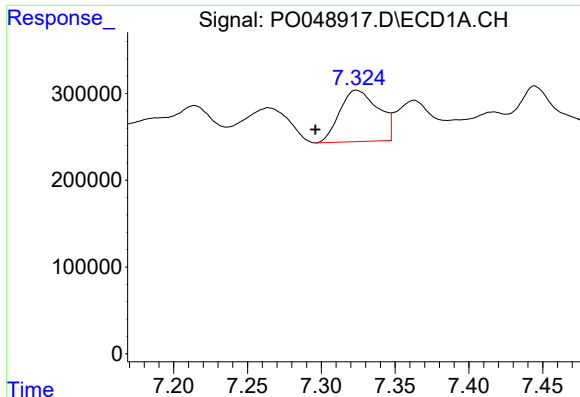
#28 AR-1254-3

R.T.: 6.961 min
Delta R.T.: -0.049 min
Response: 580016
Conc: 32.37 ng/ml



#28 AR-1254-3

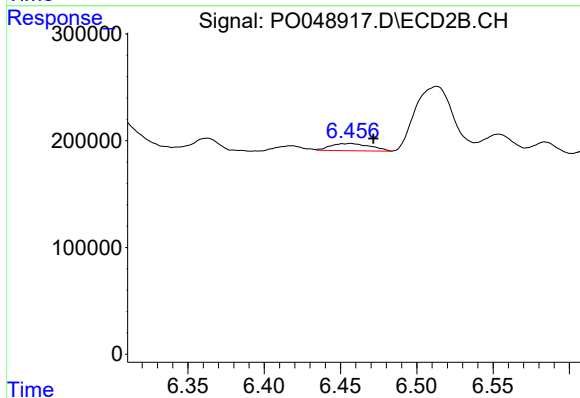
R.T.: 6.171 min
Delta R.T.: 0.011 min
Response: 606033
Conc: 41.03 ng/ml



#29 AR-1254-4

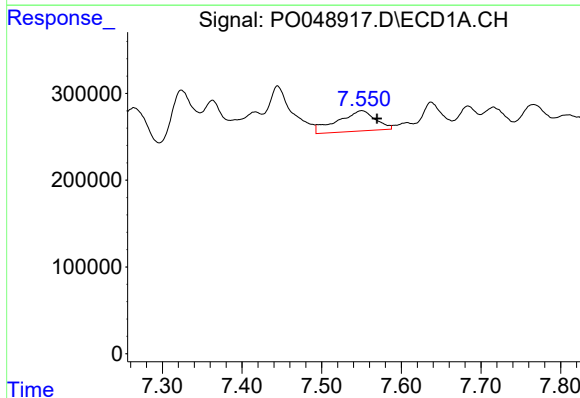
R.T.: 7.324 min
Delta R.T.: 0.028 min
Response: 1076727
Conc: 77.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



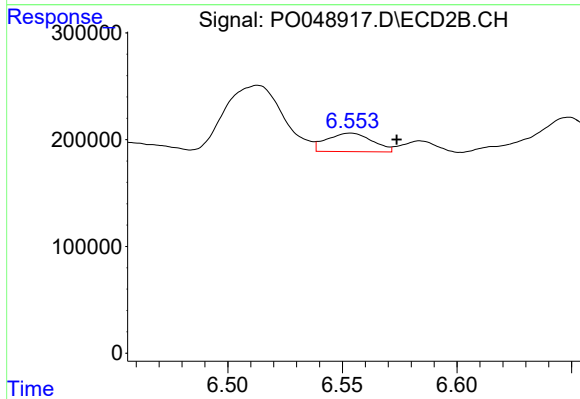
#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.015 min
Response: 122591
Conc: 10.97 ng/ml



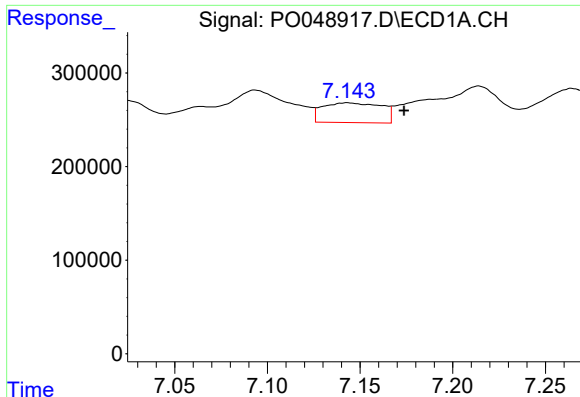
#30 AR-1254-5

R.T.: 7.550 min
Delta R.T.: -0.019 min
Response: 778772
Conc: 77.15 ng/ml



#30 AR-1254-5

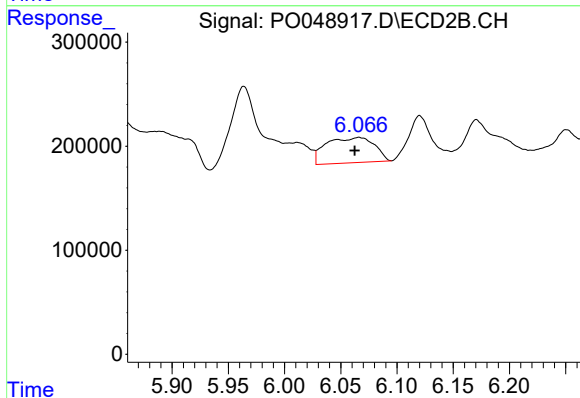
R.T.: 6.554 min
Delta R.T.: -0.020 min
Response: 239494
Conc: 11.44 ng/ml



#31 AR-1260-1

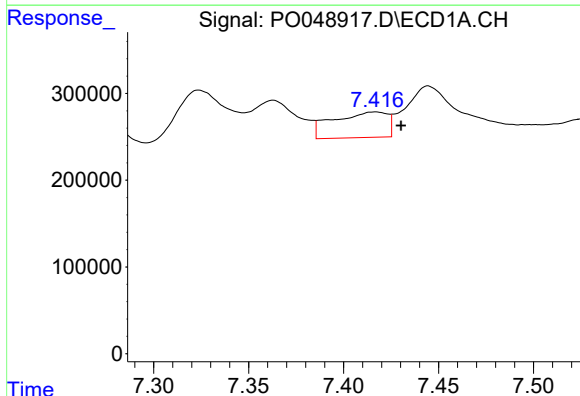
R.T.: 7.143 min
Delta R.T.: -0.031 min
Response: 466706
Conc: 37.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



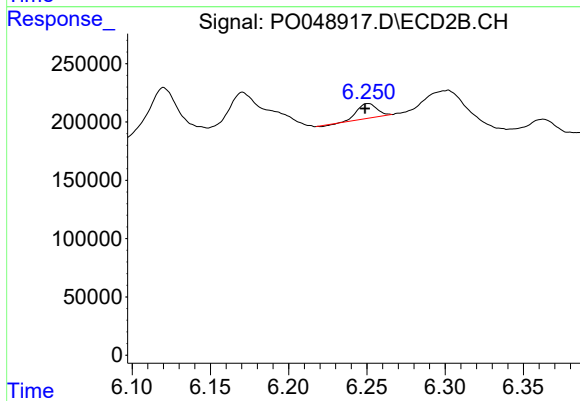
#31 AR-1260-1

R.T.: 6.066 min
Delta R.T.: 0.004 min
Response: 725297
Conc: 53.47 ng/ml



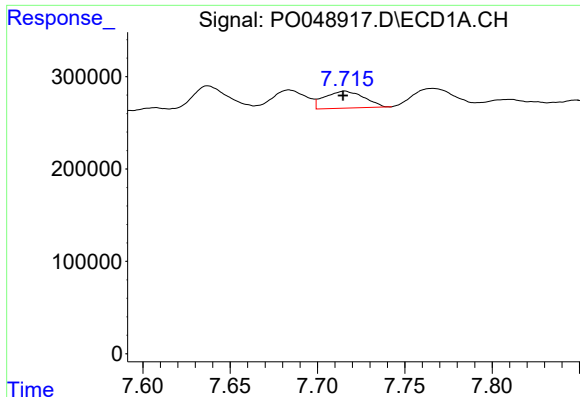
#32 AR-1260-2

R.T.: 7.416 min
Delta R.T.: -0.014 min
Response: 586377
Conc: 42.26 ng/ml



#32 AR-1260-2

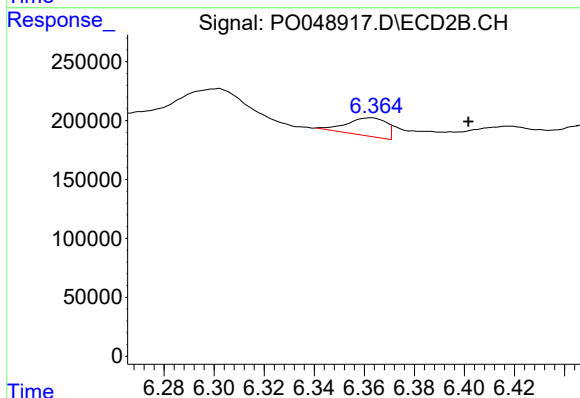
R.T.: 6.251 min
Delta R.T.: 0.002 min
Response: 107928
Conc: 6.36 ng/ml



#33 AR-1260-3

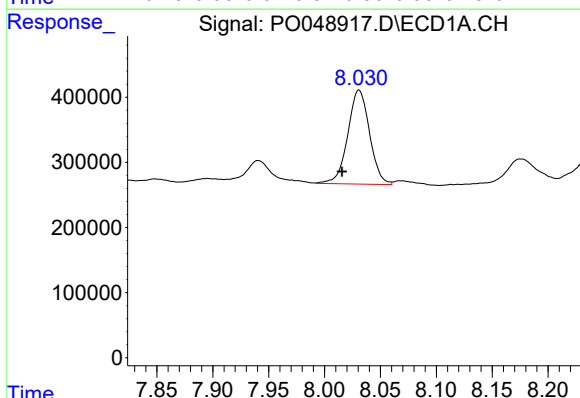
R.T.: 7.716 min
Delta R.T.: 0.000 min
Response: 288847
Conc: 19.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



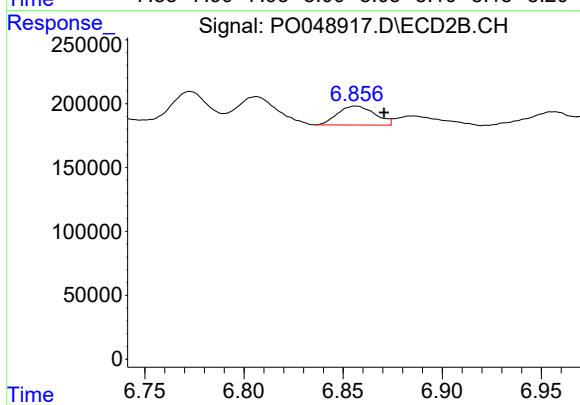
#33 AR-1260-3

R.T.: 6.362 min
Delta R.T.: -0.039 min
Response: 154189
Conc: 9.59 ng/ml



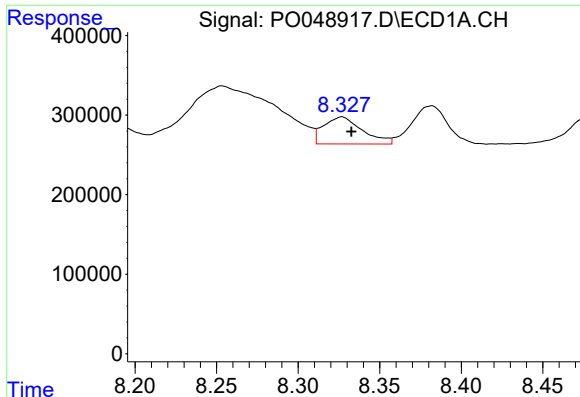
#34 AR-1260-4

R.T.: 8.031 min
Delta R.T.: 0.015 min
Response: 1961919
Conc: 196.07 ng/ml



#34 AR-1260-4

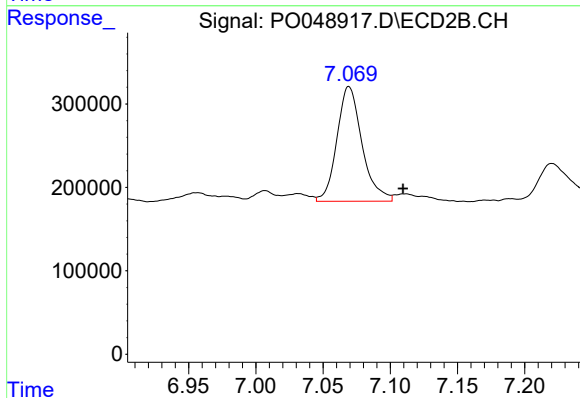
R.T.: 6.856 min
Delta R.T.: -0.014 min
Response: 192556
Conc: 14.47 ng/ml



#35 AR-1260-5

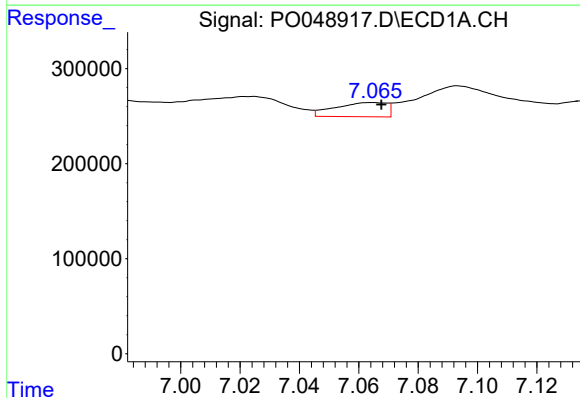
R.T.: 8.327 min
Delta R.T.: -0.006 min
Response: 562117
Conc: 27.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



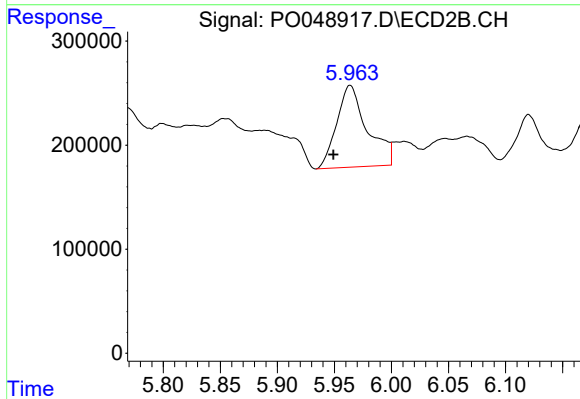
#35 AR-1260-5

R.T.: 7.069 min
Delta R.T.: -0.040 min
Response: 1784580
Conc: 58.05 ng/ml



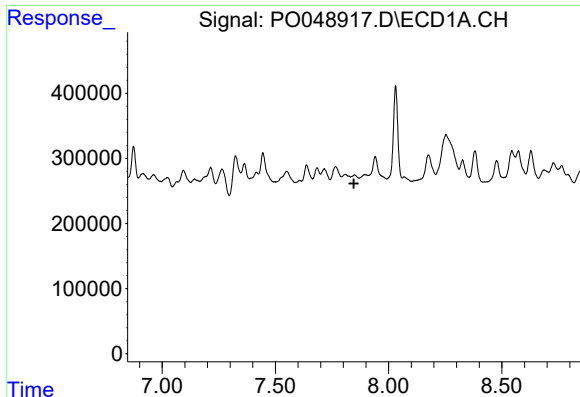
#36 AR-1262-1

R.T.: 7.064 min
Delta R.T.: -0.003 min
Response: 181327
Conc: 27.57 ng/ml



#36 AR-1262-1

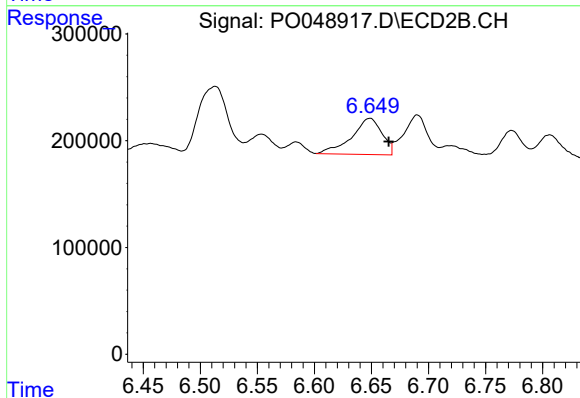
R.T.: 5.964 min
Delta R.T.: 0.015 min
Response: 1469551
Conc: 196.15 ng/ml



#37 AR-1262-2

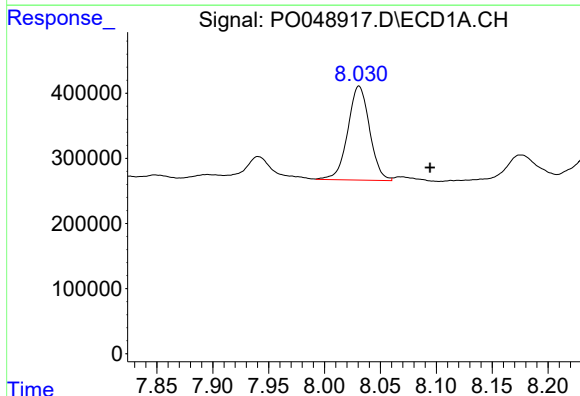
R.T.: 7.810 min
Delta R.T.: -0.036 min
Response: -198745
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



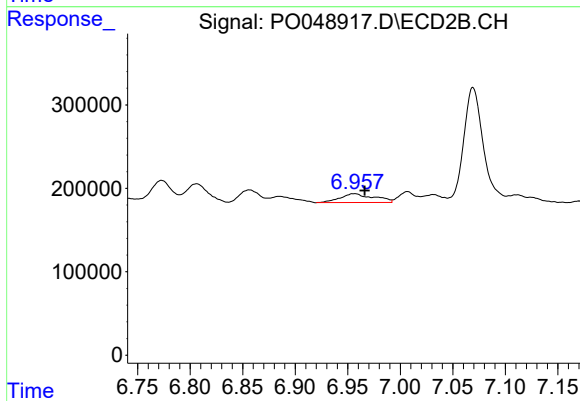
#37 AR-1262-2

R.T.: 6.649 min
Delta R.T.: -0.016 min
Response: 630021
Conc: 83.57 ng/ml



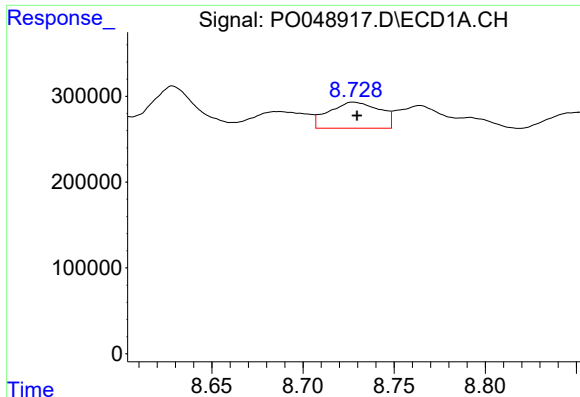
#38 AR-1262-3

R.T.: 8.031 min
Delta R.T.: -0.064 min
Response: 1961919
Conc: 385.81 ng/ml



#38 AR-1262-3

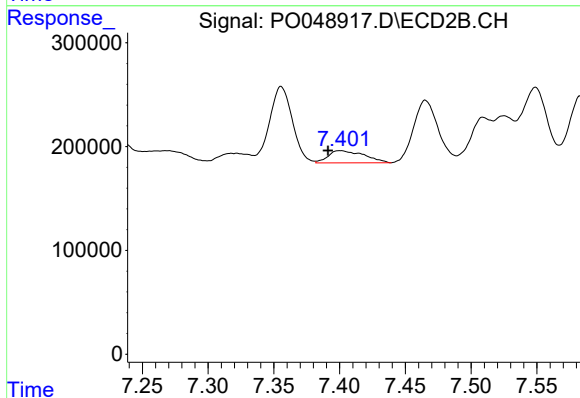
R.T.: 6.956 min
Delta R.T.: -0.010 min
Response: 237808
Conc: 28.94 ng/ml



#39 AR-1262-4

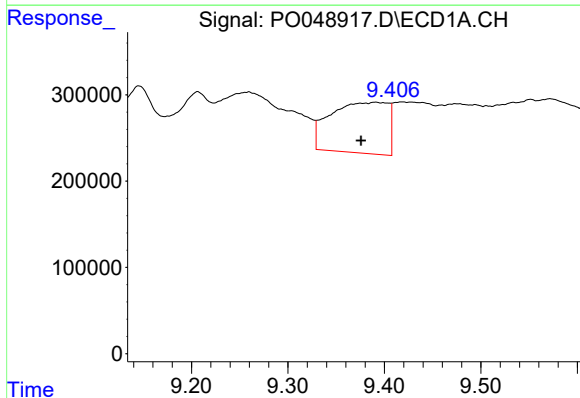
R.T.: 8.728 min
Delta R.T.: -0.002 min
Response: 589442
Conc: 54.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



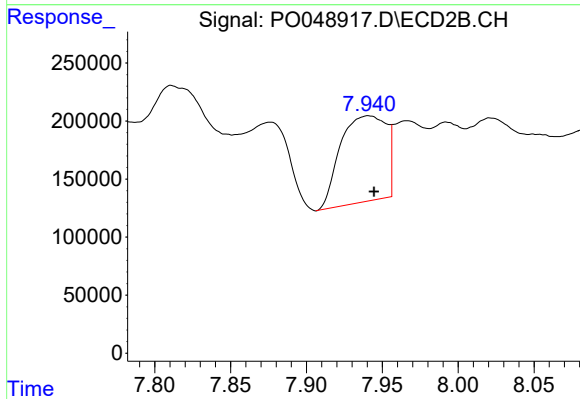
#39 AR-1262-4

R.T.: 7.400 min
Delta R.T.: 0.009 min
Response: 225581
Conc: 18.25 ng/ml



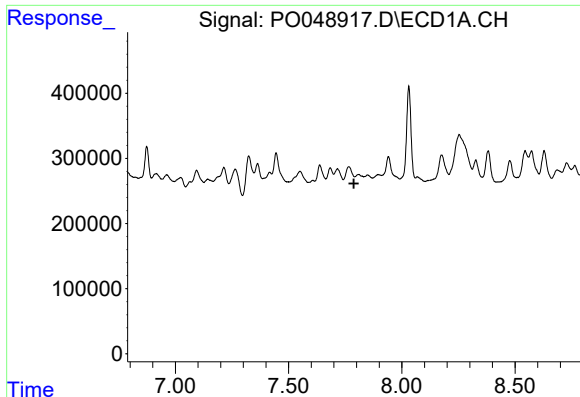
#40 AR-1262-5

R.T.: 9.391 min
Delta R.T.: 0.015 min
Response: 2443613
Conc: 298.93 ng/ml



#40 AR-1262-5

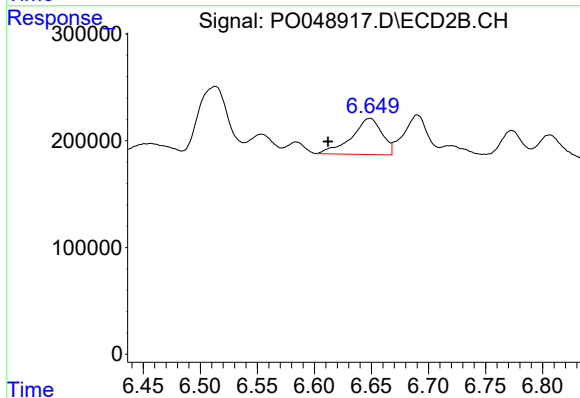
R.T.: 7.941 min
Delta R.T.: -0.004 min
Response: 1555542
Conc: 153.10 ng/ml



#41 AR-1268-1

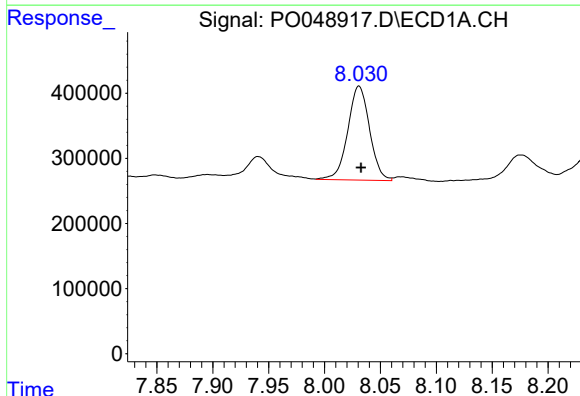
R.T.: 7.810 min
Delta R.T.: 0.022 min
Response: -198745
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



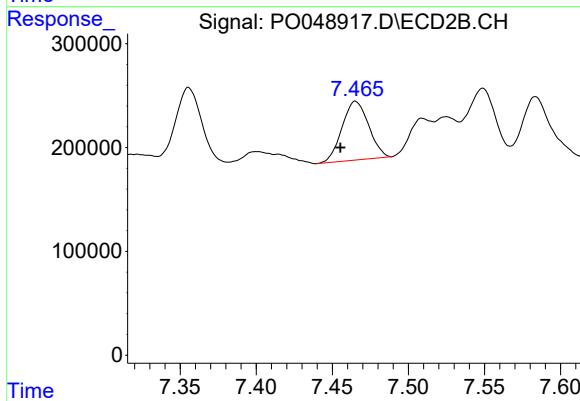
#41 AR-1268-1

R.T.: 6.649 min
Delta R.T.: 0.037 min
Response: 630021
Conc: 83.04 ng/ml



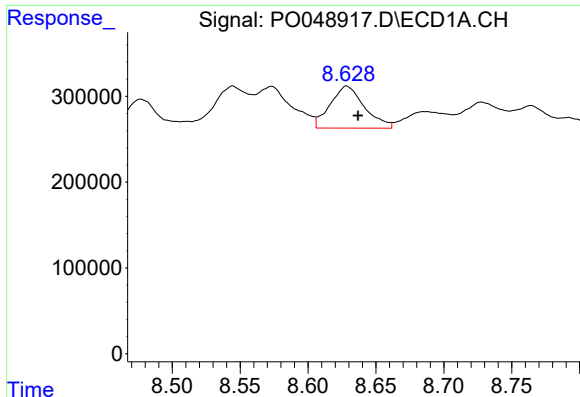
#42 AR-1268-2

R.T.: 8.031 min
Delta R.T.: -0.002 min
Response: 1961919
Conc: 320.66 ng/ml



#42 AR-1268-2

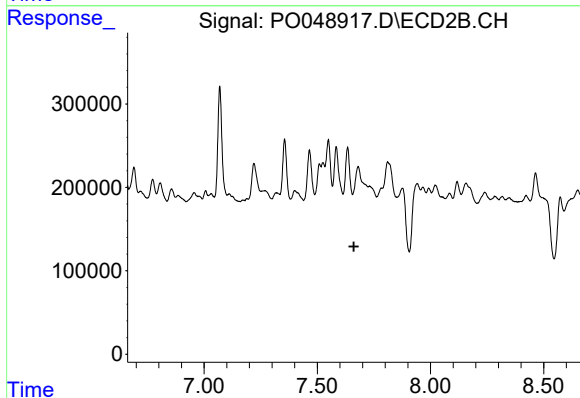
R.T.: 7.465 min
Delta R.T.: 0.010 min
Response: 690800
Conc: 20.77 ng/ml



#43 AR-1268-3

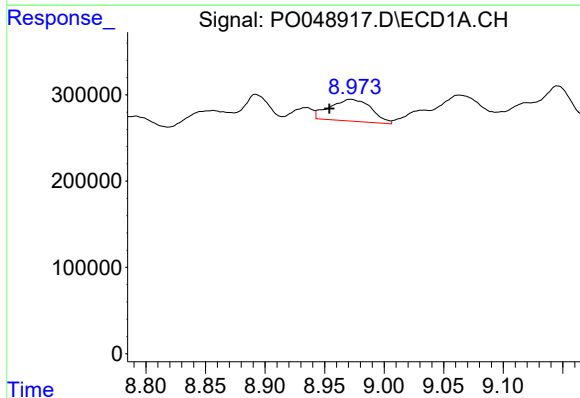
R.T.: 8.628 min
Delta R.T.: -0.008 min
Response: 857672
Conc: 32.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



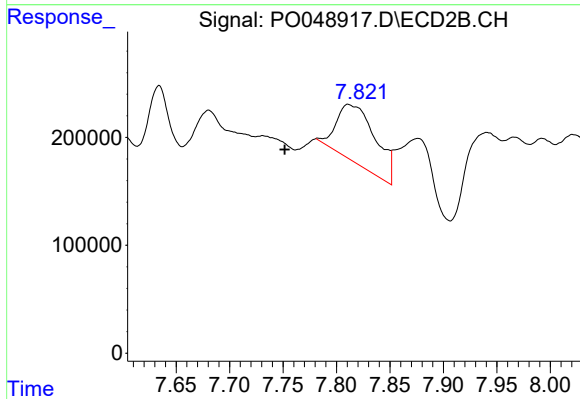
#43 AR-1268-3

R.T.: 7.680 min
Delta R.T.: 0.019 min
Response: -416982
Conc: N.D.



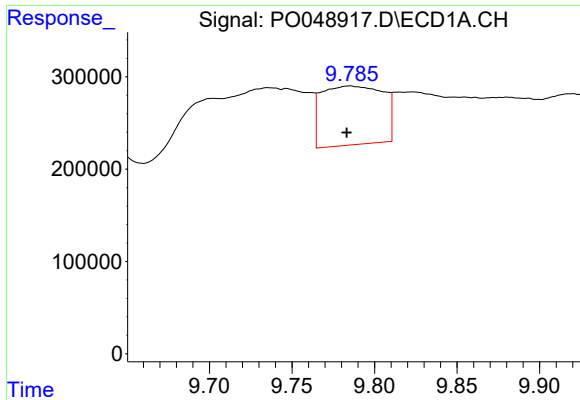
#44 AR-1268-4

R.T.: 8.972 min
Delta R.T.: 0.018 min
Response: 609758
Conc: 28.27 ng/ml



#44 AR-1268-4

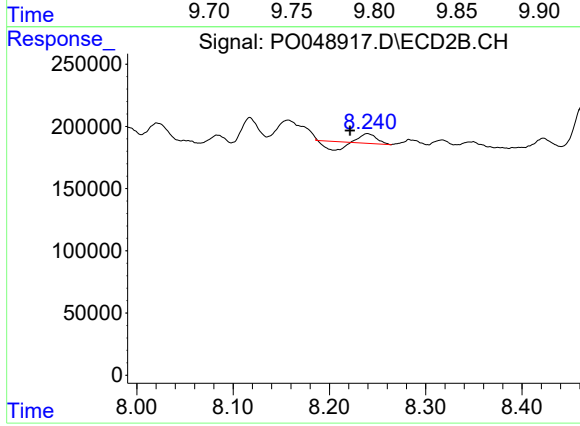
R.T.: 7.811 min
Delta R.T.: 0.060 min
Response: 1365839
Conc: 176.32 ng/ml



#45 AR-1268-5

R.T.: 9.785 min
Delta R.T.: 0.002 min
Response: 1657805
Conc: 22.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.239 min
Delta R.T.: 0.018 min
Response: 19014
Conc: 0.27 ng/ml