

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040219\
 Data File : P0054844.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Apr 2019 23:19
 Operator : SM/SJ
 Sample : K2178-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 COMP-18

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 15:05:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 17:22:26 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...	4.303	3.619	726375	734596	20.930	23.019
2)	SA Decachlor...	9.923	8.593	510525	372409	10.356	11.693
Target Compounds							
3)	L1 AR-1016-1	5.464	4.688	3988	15067	2.216	9.527 #
4)	L1 AR-1016-2	5.464	4.719	3988	14678	1.606	6.850 #
5)	L1 AR-1016-3	0.000	4.907	0	58974	N.D.	48.810 #
6)	L1 AR-1016-4	5.683	4.931	51776	14192	39.734	14.044 #
7)	L1 AR-1016-5	5.935	5.175	60519	33905	45.358	26.012 #
9)	L2 AR-1221-2	0.000	3.917	0	12641	N.D.	42.167 #
10)	L2 AR-1221-3	0.000	3.988	0	13701	N.D.	14.864 #
11)	L3 AR-1232-1	0.000	3.988	0	13701	N.D.	18.271 #
12)	L3 AR-1232-2	0.000	4.719	0	14678	N.D.	17.046 #
13)	L3 AR-1232-3	5.464	4.907	3988	58974	4.080	121.704 #
14)	L3 AR-1232-4	5.683	4.997	51776	23886	101.155	54.359 #
15)	L3 AR-1232-5	5.782	5.175	20771	33905	49.930	69.711 #
16)	L4 AR-1242-1	5.464	4.688	3988	15067	2.870	12.272 #
17)	L4 AR-1242-2	5.464	4.719	3988	14678	2.084	8.857 #
18)	L4 AR-1242-3	0.000	4.907	0	58974	N.D.	62.252 #
19)	L4 AR-1242-4	5.683	4.997	51776	23886	50.784	24.991 #
20)	L4 AR-1242-5	6.400	5.493	70812	83770	58.660	68.112
21)	L5 AR-1248-1	5.464	4.688	3988	15067	3.989	17.164 #
22)	L5 AR-1248-2	5.782	4.931	20771	14192	14.302	11.743
23)	L5 AR-1248-3	5.935	4.997	60519	23886	37.892	19.142 #
24)	L5 AR-1248-4	6.346	5.175	68700	33905	36.571	22.262 #
25)	L5 AR-1248-5	6.400	5.567	70812	25726	39.498	17.255 #
26)	L6 AR-1254-1	6.313	5.493	79374	83770	43.776	38.331
27)	L6 AR-1254-2	6.532	5.638	112493	40164	39.406	20.714 #
28)	L6 AR-1254-3	6.896	6.040	182852	227874	58.146	71.084
29)	L6 AR-1254-4	7.179	6.268	49781	28900	20.349	14.761 #
30)	L6 AR-1254-5	7.596	6.682	290190	230601	108.268	80.217 #
31)	L7 AR-1260-1	7.056	6.169	199201	142634	79.279	62.067
32)	L7 AR-1260-2	7.311	6.356	216231	107816	69.673	39.167 #
33)	L7 AR-1260-3	7.671	6.509	101989	113500	41.554	44.028
34)	L7 AR-1260-4	7.893	6.979	151239	76428	54.678	35.912 #
35)	L7 AR-1260-5	8.206	7.218	183151	215625	33.008	45.022 #
36)	L8 AR-1262-1	7.671	6.720	101989	97066	30.608	32.628
37)	L8 AR-1262-2	8.206	7.218	183151	215625	30.915	43.995 #
38)	L8 AR-1262-3	8.520	7.501	205120	53945	49.512	26.271 #
39)	L8 AR-1262-4	8.589	7.564	38067	153332	11.815	42.332 #
40)	L8 AR-1262-5	9.215	8.057	52957	45650	24.222	28.286
41)	L9 AR-1268-1	8.520	7.501	205120	53945	28.819	9.541 #
42)	L9 AR-1268-2	8.589	7.564	38067	153332	5.810	29.649 #

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 ALS Vial : 24 Sample Multiplier: 1

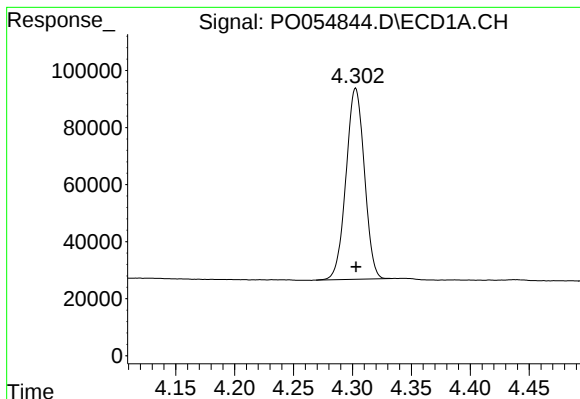
Instrument :
 ECD_O
 ClientSampleId :
 COMP-18

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 15:05:33 2019
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	7.771	0	17870	N.D.	4.152 #
44) L9	AR-1268-4	9.215	8.057	52957	45650	22.197	24.624
45) L9	AR-1268-5	9.606	8.342	54562	38098	3.312	3.347

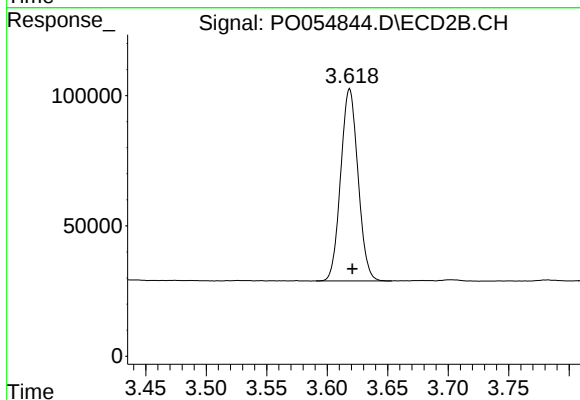
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

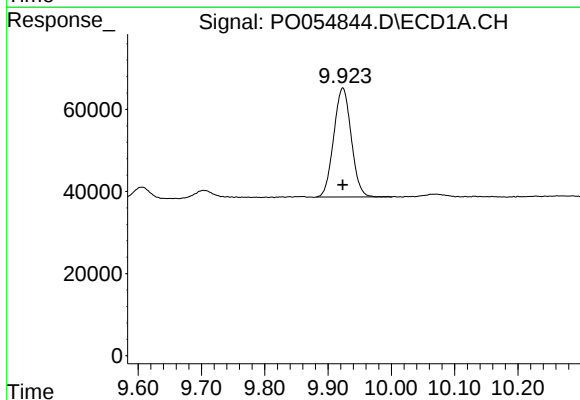
R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 726375
Conc: 20.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



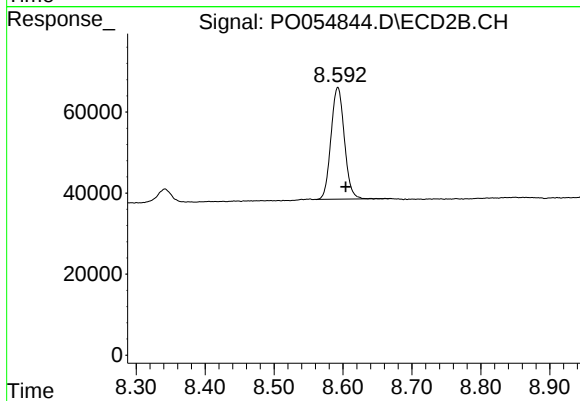
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 734596
Conc: 23.02 ng/ml



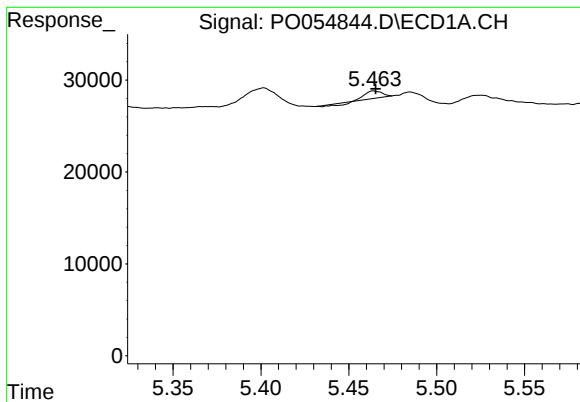
#2 Decachlorobiphenyl

R.T.: 9.923 min
Delta R.T.: 0.000 min
Response: 510525
Conc: 10.36 ng/ml



#2 Decachlorobiphenyl

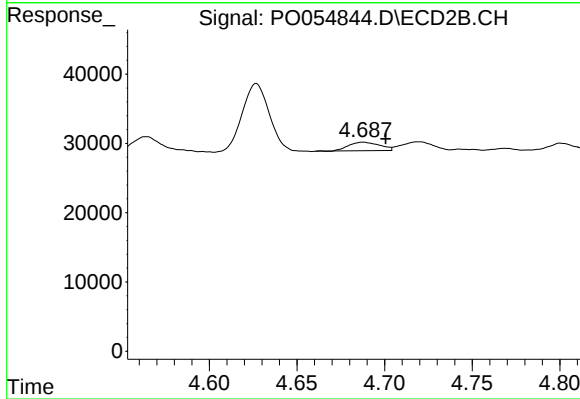
R.T.: 8.593 min
Delta R.T.: -0.011 min
Response: 372409
Conc: 11.69 ng/ml



#3 AR-1016-1

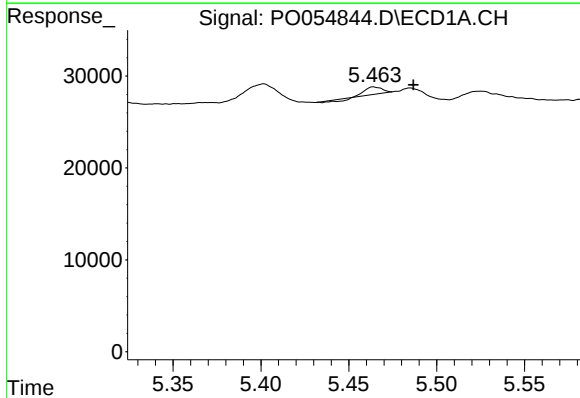
R.T.: 5.464 min
Delta R.T.: -0.001 min
Response: 3988
Conc: 2.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



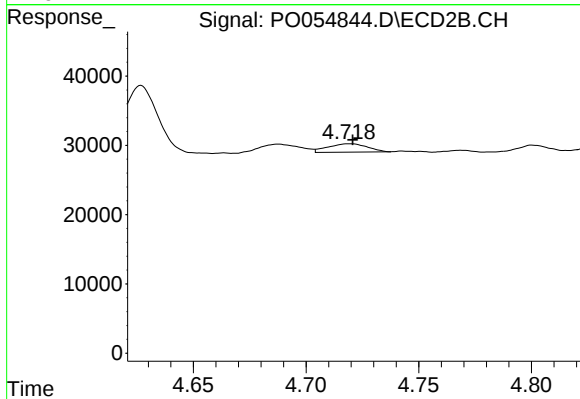
#3 AR-1016-1

R.T.: 4.688 min
Delta R.T.: -0.013 min
Response: 15067
Conc: 9.53 ng/ml



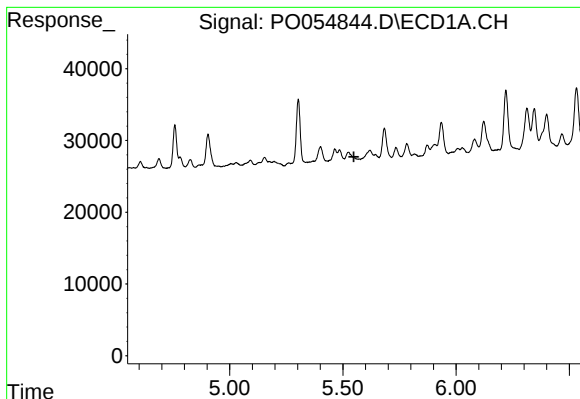
#4 AR-1016-2

R.T.: 5.464 min
Delta R.T.: -0.023 min
Response: 3988
Conc: 1.61 ng/ml



#4 AR-1016-2

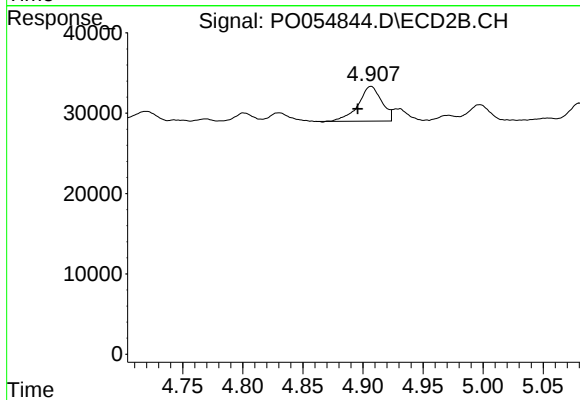
R.T.: 4.719 min
Delta R.T.: -0.002 min
Response: 14678
Conc: 6.85 ng/ml



#5 AR-1016-3

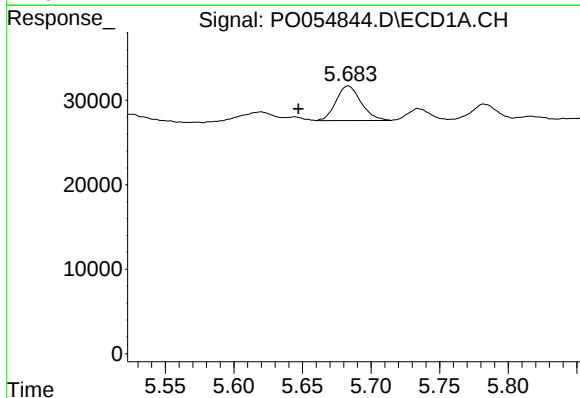
R.T.: 0.000 min
Exp R.T.: 5.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-18



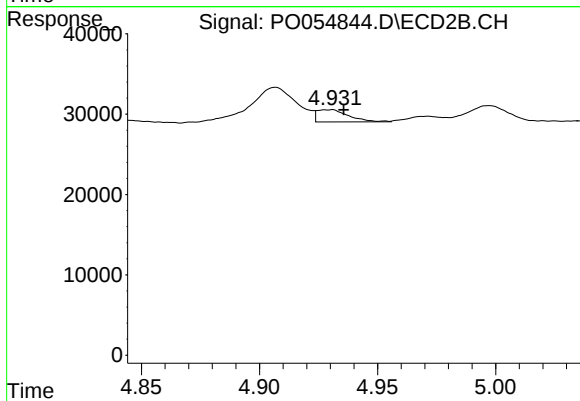
#5 AR-1016-3

R.T.: 4.907 min
Delta R.T.: 0.011 min
Response: 58974
Conc: 48.81 ng/ml



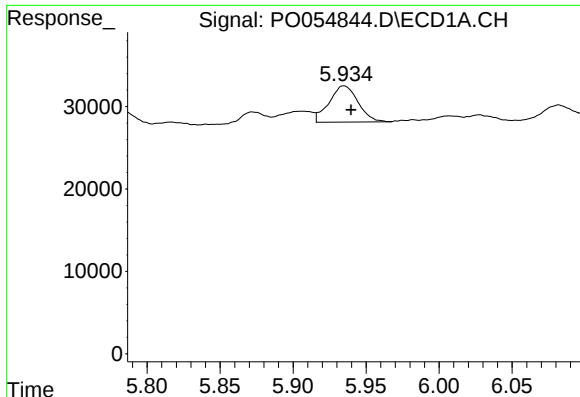
#6 AR-1016-4

R.T.: 5.683 min
Delta R.T.: 0.036 min
Response: 51776
Conc: 39.73 ng/ml



#6 AR-1016-4

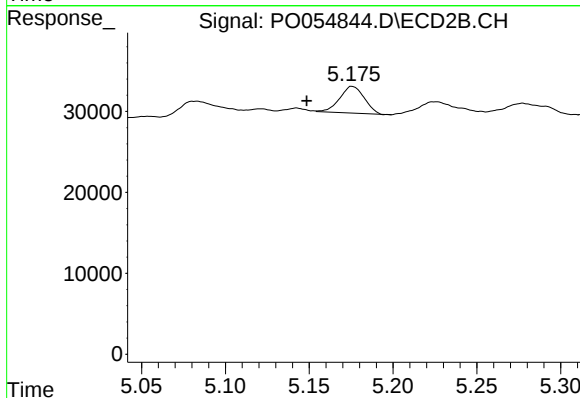
R.T.: 4.931 min
Delta R.T.: -0.005 min
Response: 14192
Conc: 14.04 ng/ml



#7 AR-1016-5

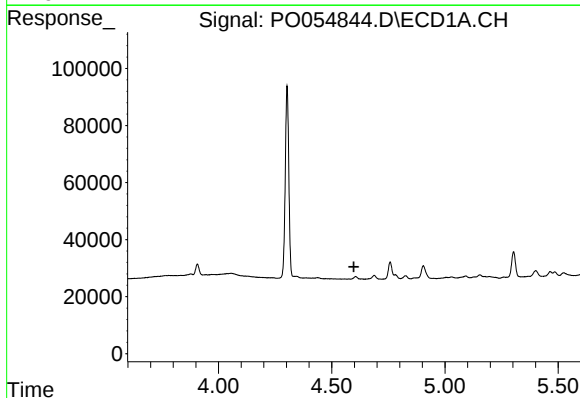
R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 60519
Conc: 45.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



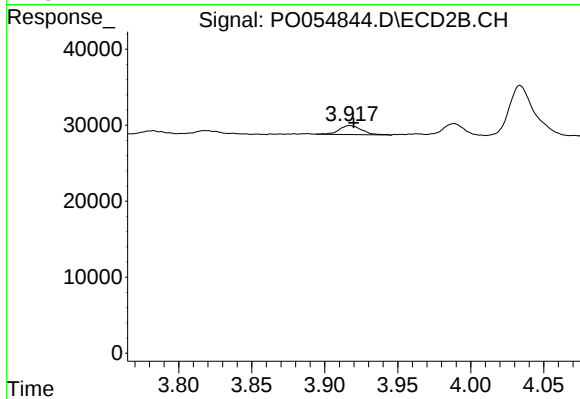
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: 0.027 min
Response: 33905
Conc: 26.01 ng/ml



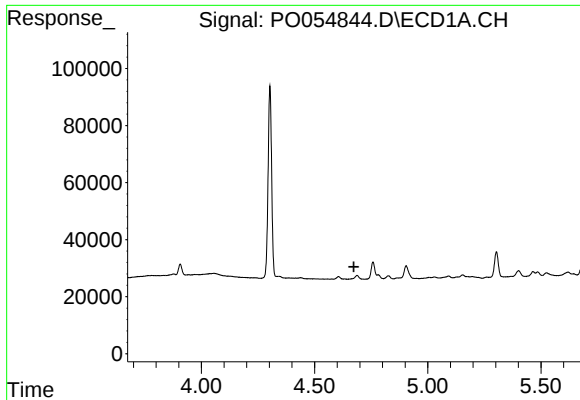
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.598 min
Response: 0
Conc: N.D.



#9 AR-1221-2

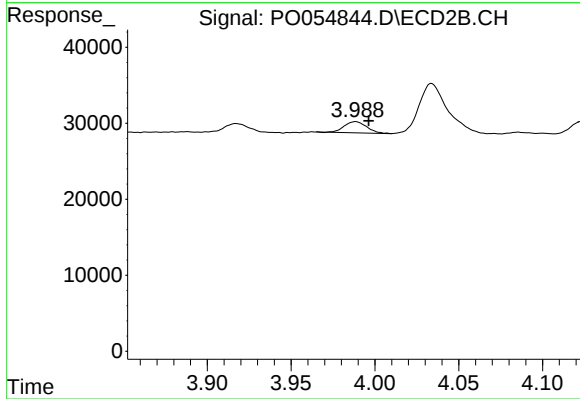
R.T.: 3.917 min
Delta R.T.: -0.003 min
Response: 12641
Conc: 42.17 ng/ml



#10 AR-1221-3

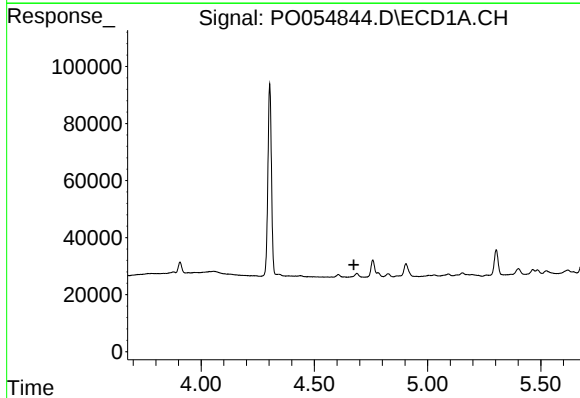
R.T.: 0.000 min
Exp R.T. : 4.673 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-18



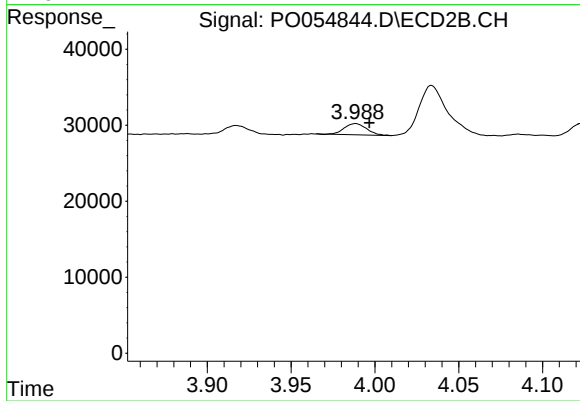
#10 AR-1221-3

R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 13701
Conc: 14.86 ng/ml



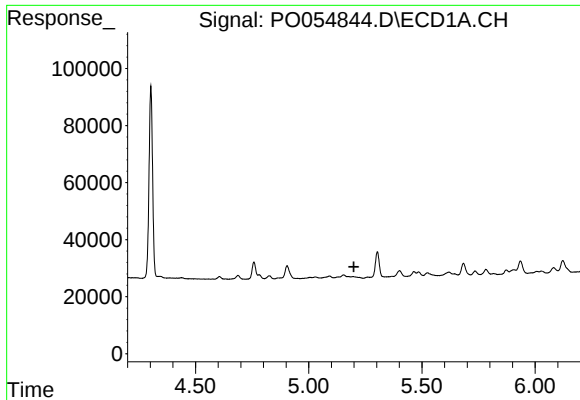
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



#11 AR-1232-1

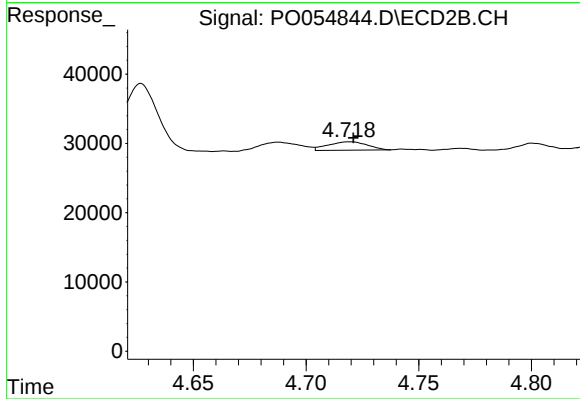
R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 13701
Conc: 18.27 ng/ml



#12 AR-1232-2

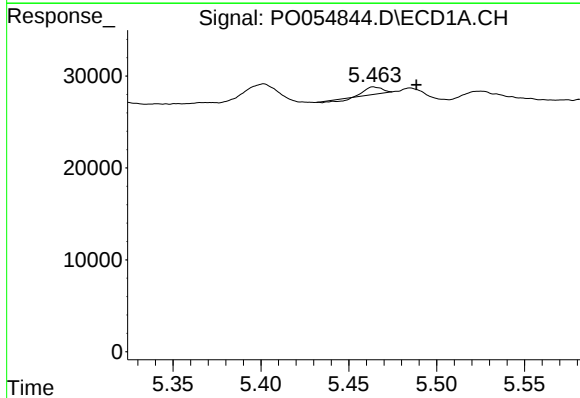
R.T.: 0.000 min
Exp R.T.: 5.200 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-18



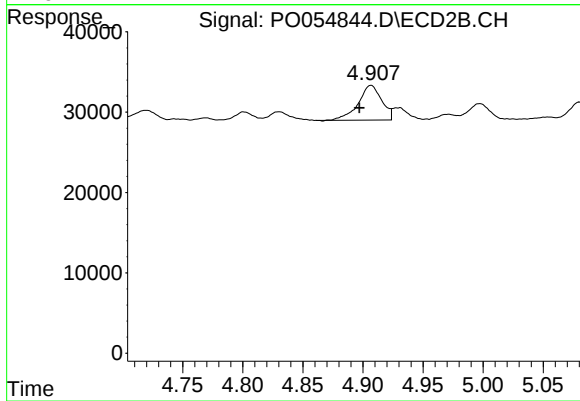
#12 AR-1232-2

R.T.: 4.719 min
Delta R.T.: -0.002 min
Response: 14678
Conc: 17.05 ng/ml



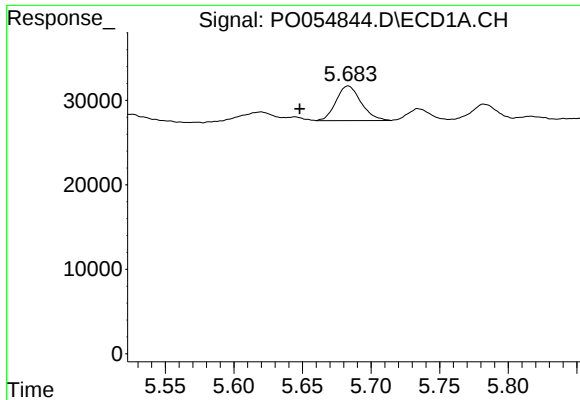
#13 AR-1232-3

R.T.: 5.464 min
Delta R.T.: -0.024 min
Response: 3988
Conc: 4.08 ng/ml



#13 AR-1232-3

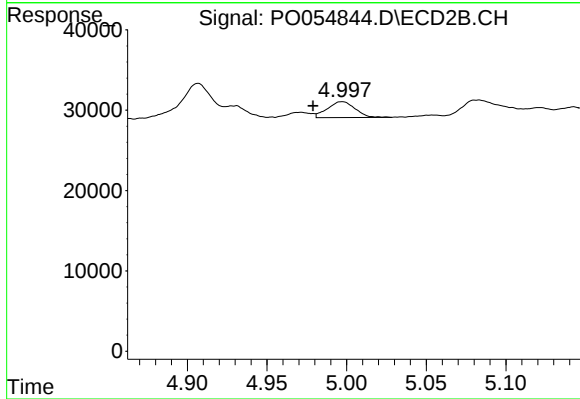
R.T.: 4.907 min
Delta R.T.: 0.010 min
Response: 58974
Conc: 121.70 ng/ml



#14 AR-1232-4

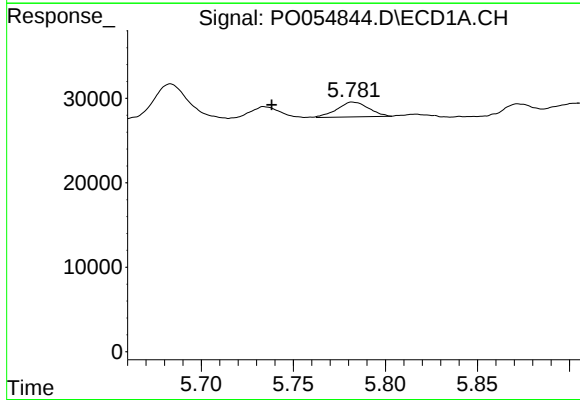
R.T.: 5.683 min
Delta R.T.: 0.035 min
Response: 51776
Conc: 101.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



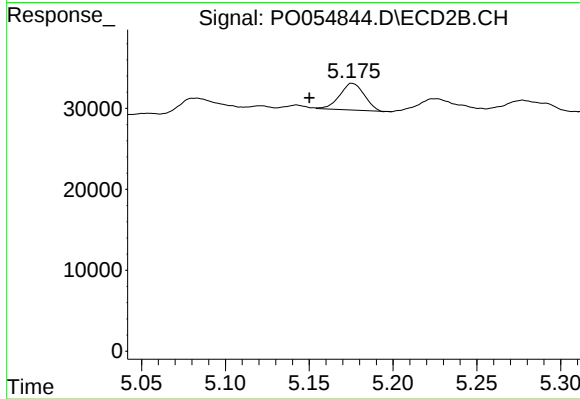
#14 AR-1232-4

R.T.: 4.997 min
Delta R.T.: 0.018 min
Response: 23886
Conc: 54.36 ng/ml



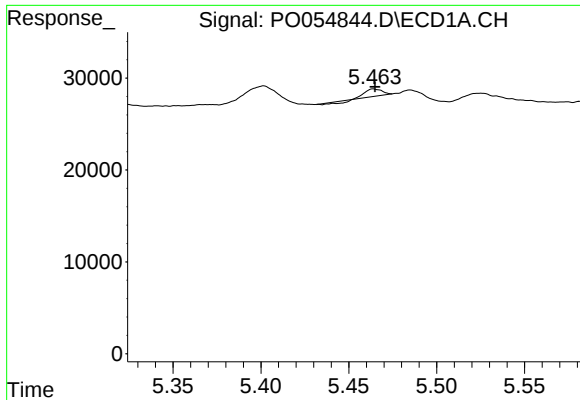
#15 AR-1232-5

R.T.: 5.782 min
Delta R.T.: 0.044 min
Response: 20771
Conc: 49.93 ng/ml



#15 AR-1232-5

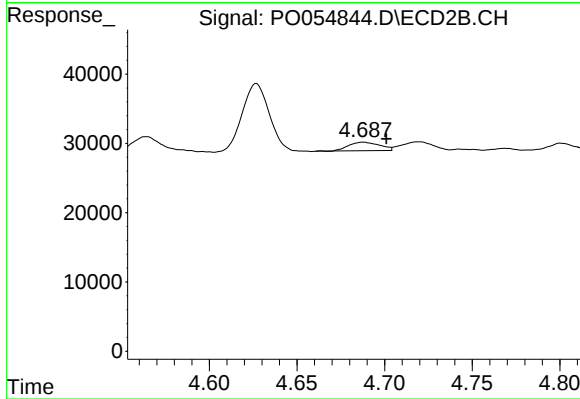
R.T.: 5.175 min
Delta R.T.: 0.025 min
Response: 33905
Conc: 69.71 ng/ml



#16 AR-1242-1

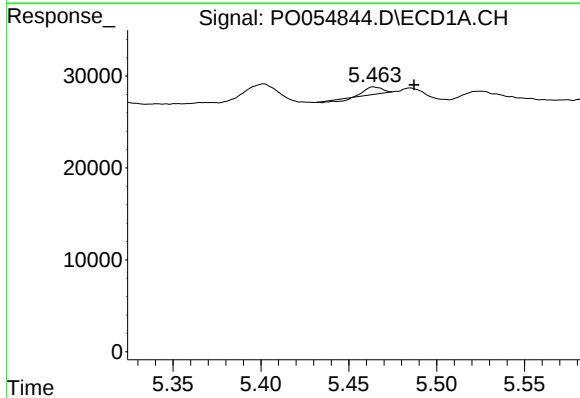
R.T.: 5.464 min
Delta R.T.: -0.001 min
Response: 3988
Conc: 2.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
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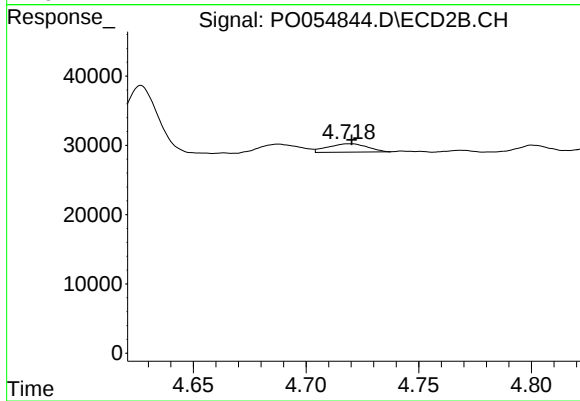
#16 AR-1242-1

R.T.: 4.688 min
Delta R.T.: -0.013 min
Response: 15067
Conc: 12.27 ng/ml



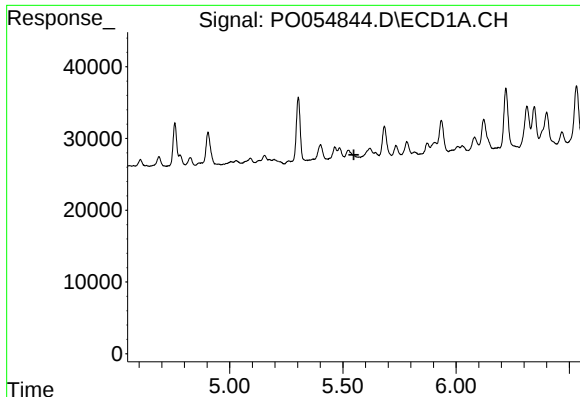
#17 AR-1242-2

R.T.: 5.464 min
Delta R.T.: -0.023 min
Response: 3988
Conc: 2.08 ng/ml



#17 AR-1242-2

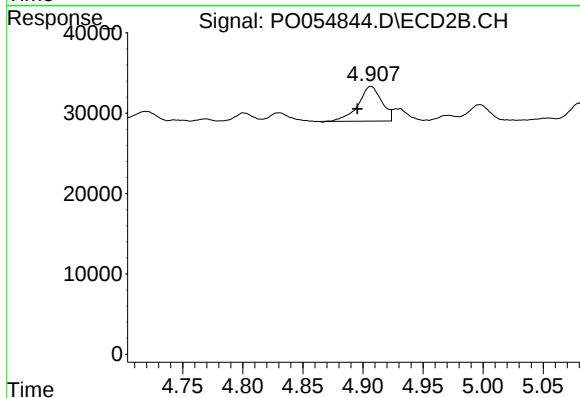
R.T.: 4.719 min
Delta R.T.: -0.001 min
Response: 14678
Conc: 8.86 ng/ml



#18 AR-1242-3

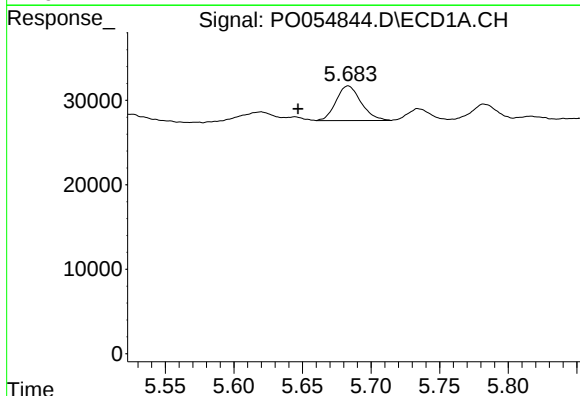
R.T.: 0.000 min
Exp R.T.: 5.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-18



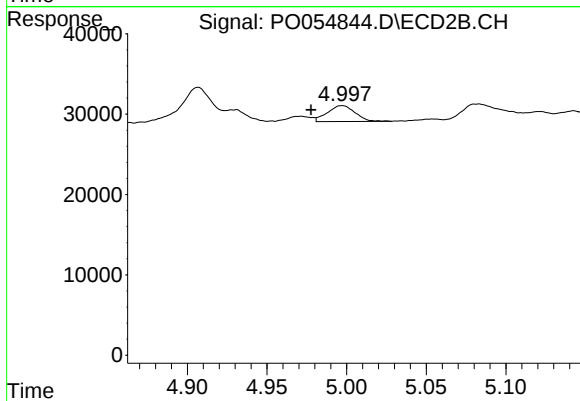
#18 AR-1242-3

R.T.: 4.907 min
Delta R.T.: 0.011 min
Response: 58974
Conc: 62.25 ng/ml



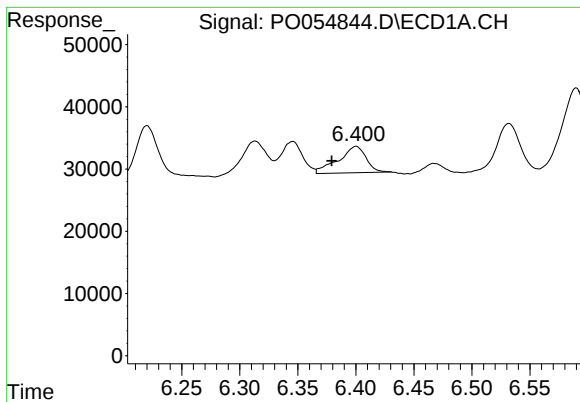
#19 AR-1242-4

R.T.: 5.683 min
Delta R.T.: 0.037 min
Response: 51776
Conc: 50.78 ng/ml



#19 AR-1242-4

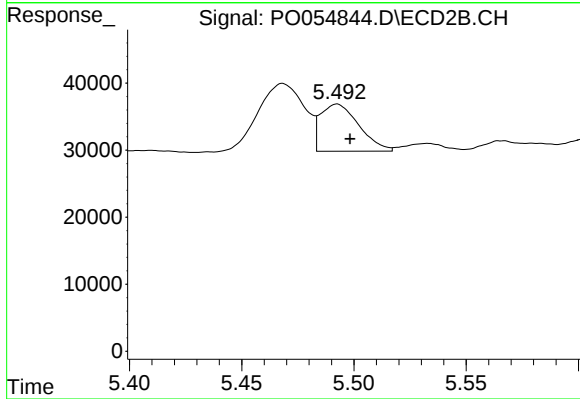
R.T.: 4.997 min
Delta R.T.: 0.020 min
Response: 23886
Conc: 24.99 ng/ml



#20 AR-1242-5

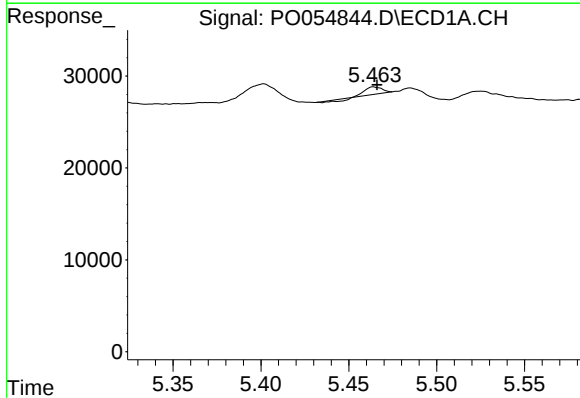
R.T.: 6.400 min
Delta R.T.: 0.021 min
Response: 70812
Conc: 58.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



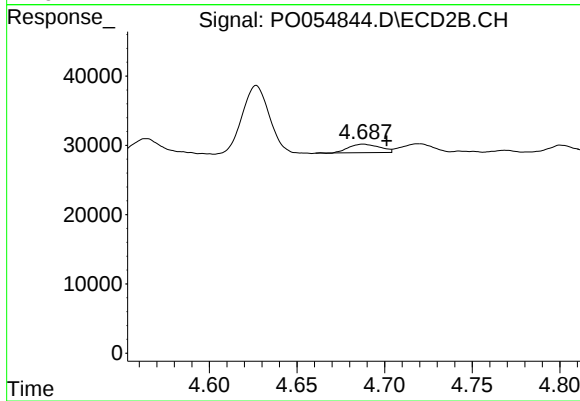
#20 AR-1242-5

R.T.: 5.493 min
Delta R.T.: -0.006 min
Response: 83770
Conc: 68.11 ng/ml



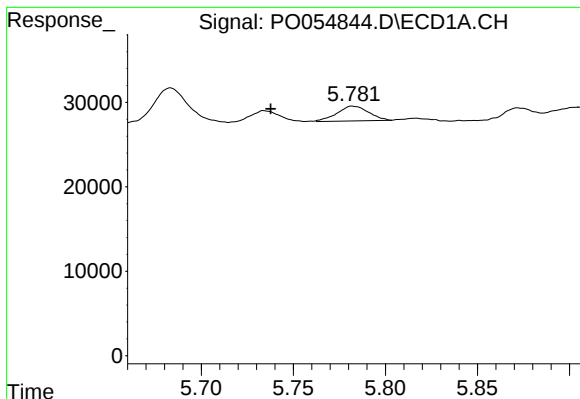
#21 AR-1248-1

R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 3988
Conc: 3.99 ng/ml



#21 AR-1248-1

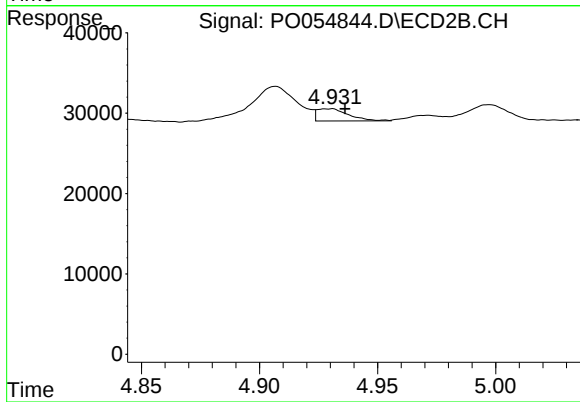
R.T.: 4.688 min
Delta R.T.: -0.013 min
Response: 15067
Conc: 17.16 ng/ml



#22 AR-1248-2

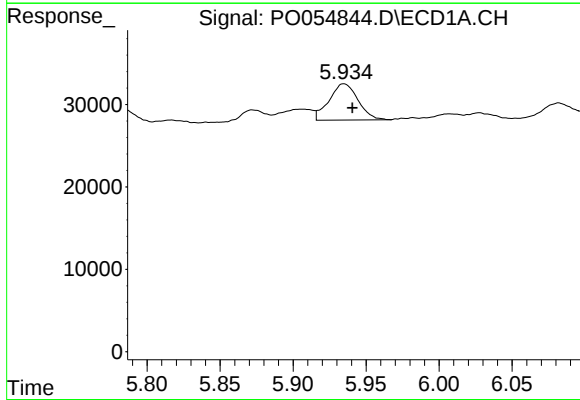
R.T.: 5.782 min
Delta R.T.: 0.044 min
Response: 20771
Conc: 14.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



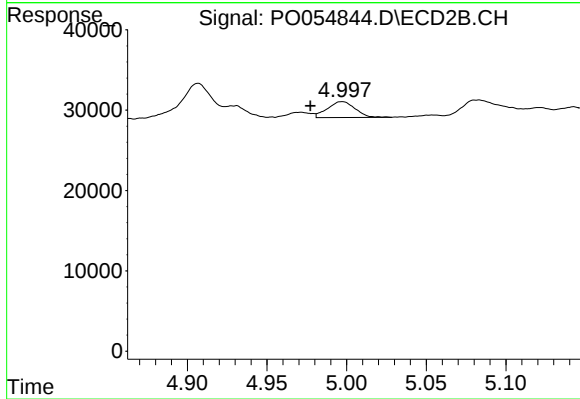
#22 AR-1248-2

R.T.: 4.931 min
Delta R.T.: -0.005 min
Response: 14192
Conc: 11.74 ng/ml



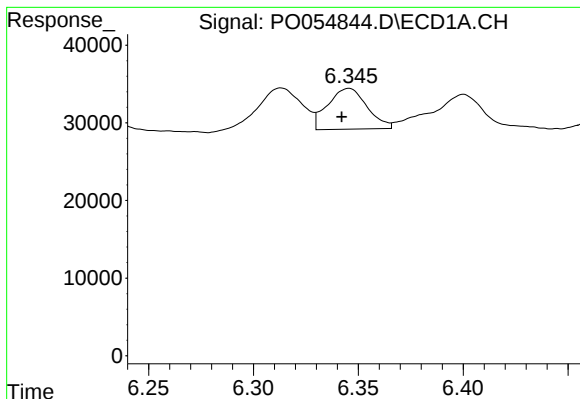
#23 AR-1248-3

R.T.: 5.935 min
Delta R.T.: -0.006 min
Response: 60519
Conc: 37.89 ng/ml



#23 AR-1248-3

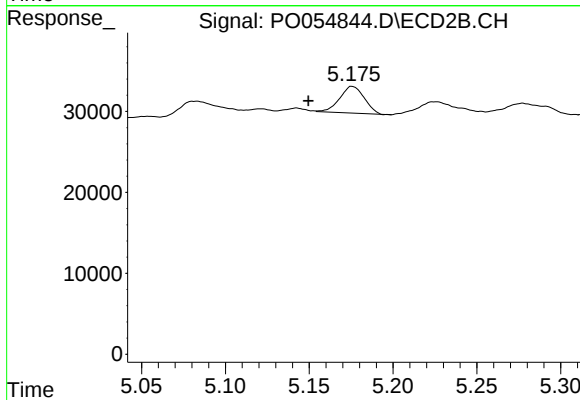
R.T.: 4.997 min
Delta R.T.: 0.020 min
Response: 23886
Conc: 19.14 ng/ml



#24 AR-1248-4

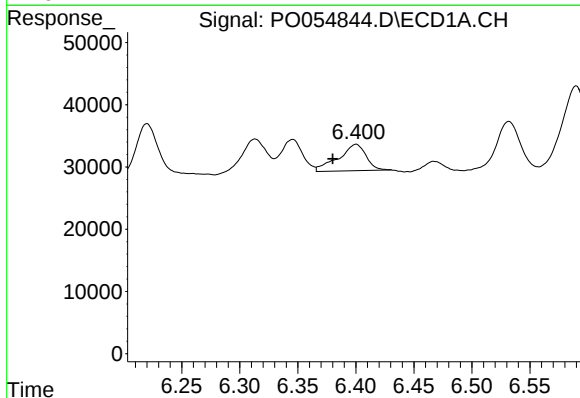
R.T.: 6.346 min
Delta R.T.: 0.003 min
Response: 68700
Conc: 36.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



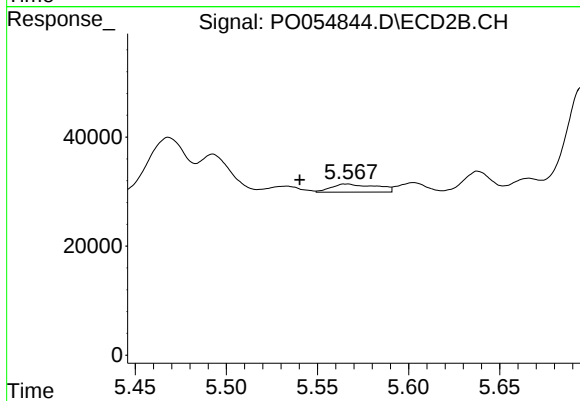
#24 AR-1248-4

R.T.: 5.175 min
Delta R.T.: 0.026 min
Response: 33905
Conc: 22.26 ng/ml



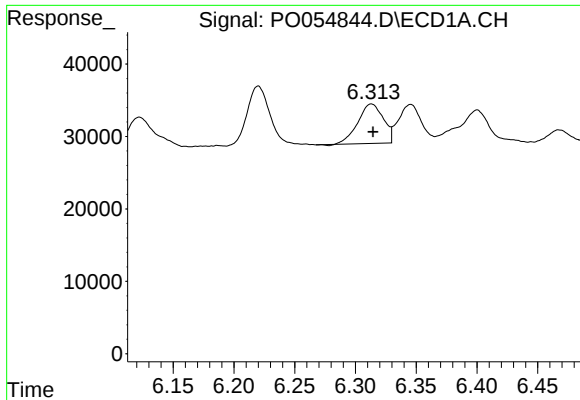
#25 AR-1248-5

R.T.: 6.400 min
Delta R.T.: 0.020 min
Response: 70812
Conc: 39.50 ng/ml



#25 AR-1248-5

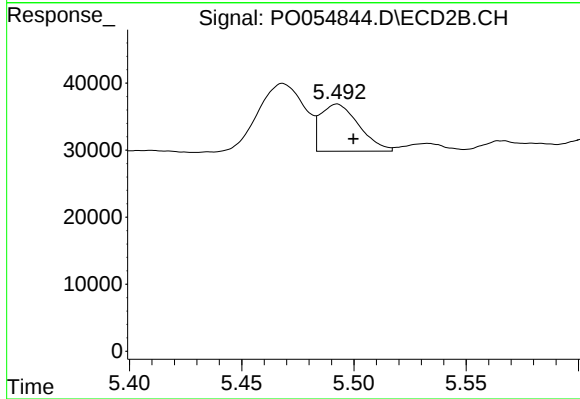
R.T.: 5.567 min
Delta R.T.: 0.027 min
Response: 25726
Conc: 17.26 ng/ml



#26 AR-1254-1

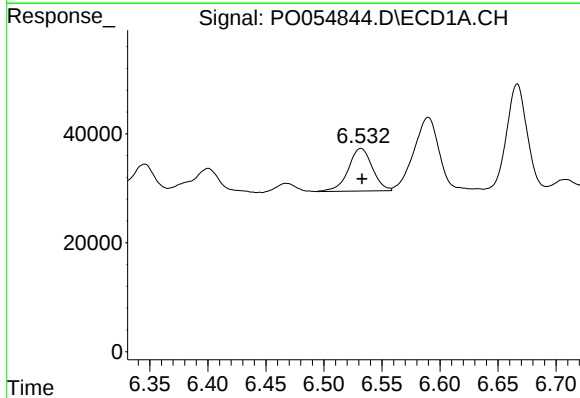
R.T.: 6.313 min
Delta R.T.: -0.001 min
Response: 79374
Conc: 43.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



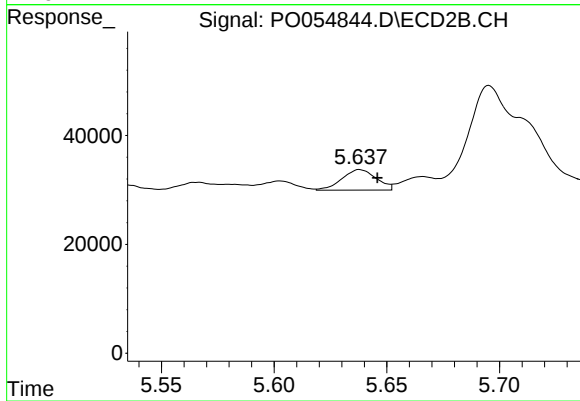
#26 AR-1254-1

R.T.: 5.493 min
Delta R.T.: -0.007 min
Response: 83770
Conc: 38.33 ng/ml



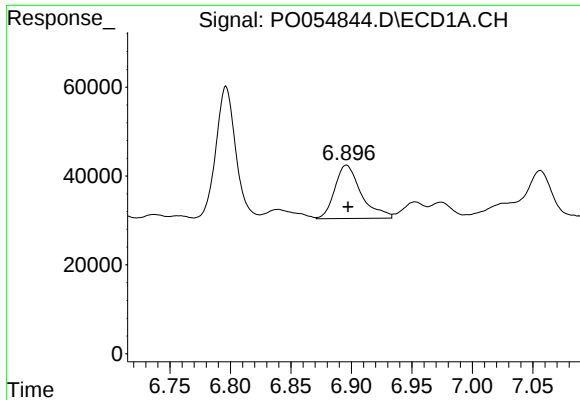
#27 AR-1254-2

R.T.: 6.532 min
Delta R.T.: -0.001 min
Response: 112493
Conc: 39.41 ng/ml



#27 AR-1254-2

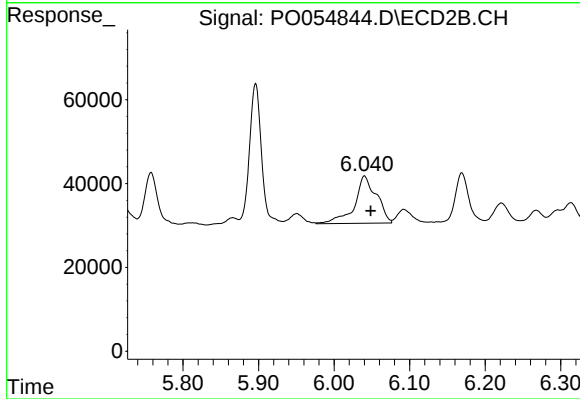
R.T.: 5.638 min
Delta R.T.: -0.008 min
Response: 40164
Conc: 20.71 ng/ml



#28 AR-1254-3

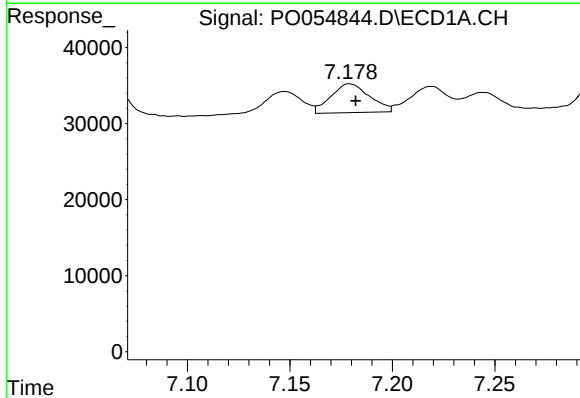
R.T.: 6.896 min
Delta R.T.: -0.001 min
Response: 182852
Conc: 58.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



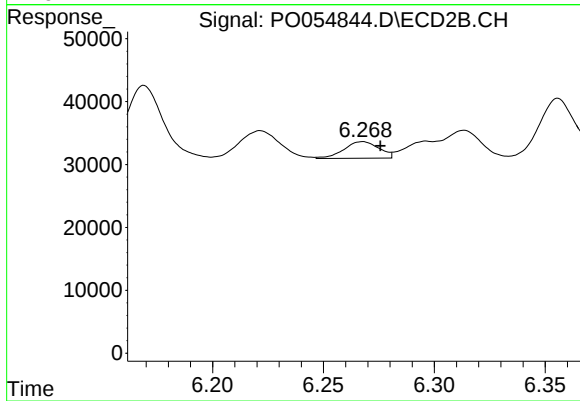
#28 AR-1254-3

R.T.: 6.040 min
Delta R.T.: -0.009 min
Response: 227874
Conc: 71.08 ng/ml



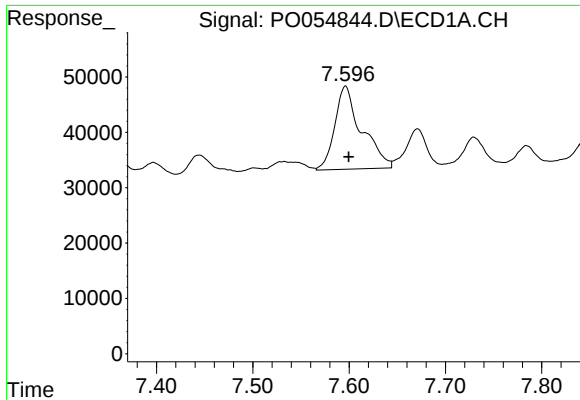
#29 AR-1254-4

R.T.: 7.179 min
Delta R.T.: -0.003 min
Response: 49781
Conc: 20.35 ng/ml



#29 AR-1254-4

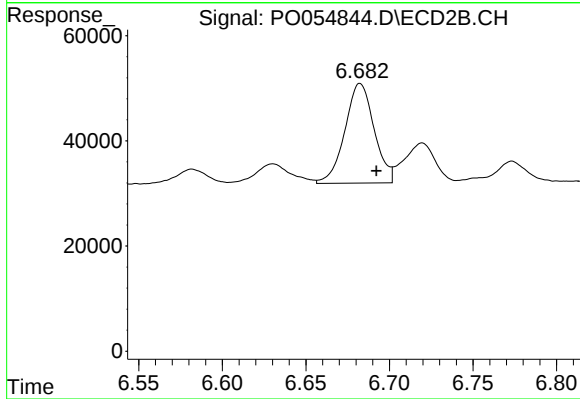
R.T.: 6.268 min
Delta R.T.: -0.008 min
Response: 28900
Conc: 14.76 ng/ml



#30 AR-1254-5

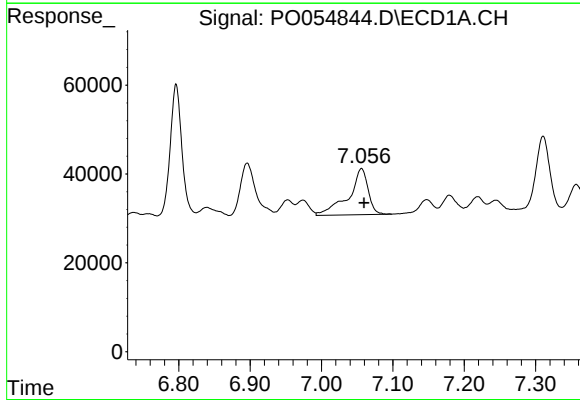
R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 290190
Conc: 108.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



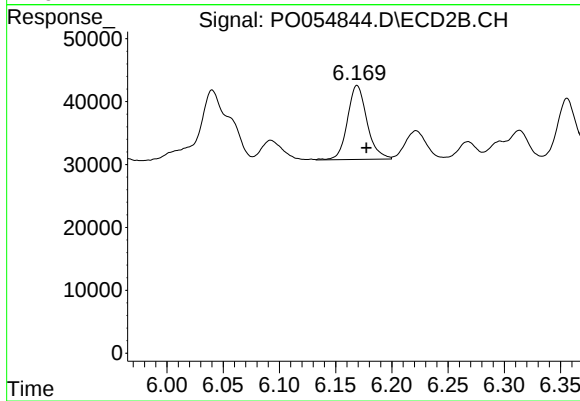
#30 AR-1254-5

R.T.: 6.682 min
Delta R.T.: -0.010 min
Response: 230601
Conc: 80.22 ng/ml



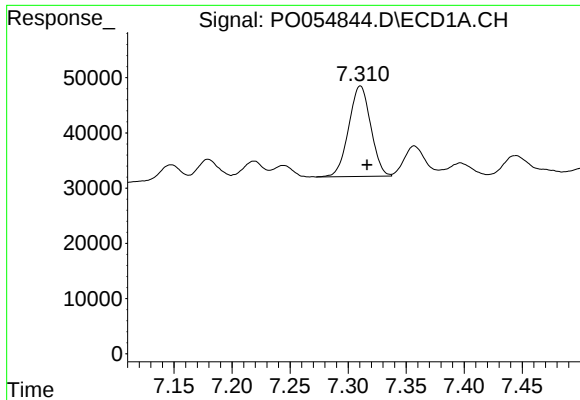
#31 AR-1260-1

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 199201
Conc: 79.28 ng/ml



#31 AR-1260-1

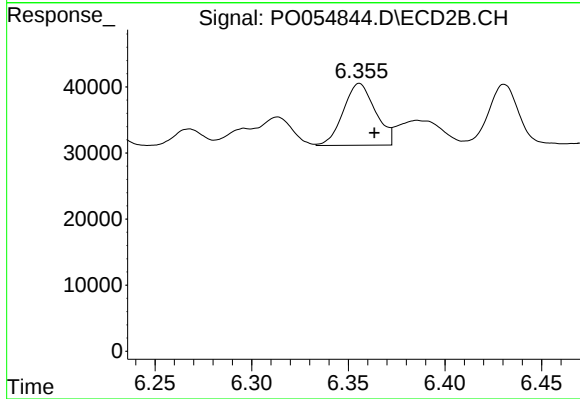
R.T.: 6.169 min
Delta R.T.: -0.008 min
Response: 142634
Conc: 62.07 ng/ml



#32 AR-1260-2

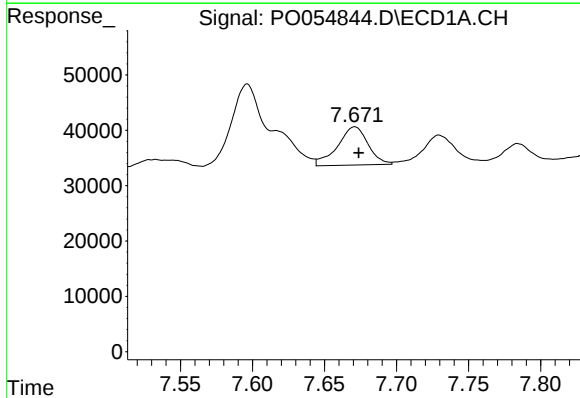
R.T.: 7.311 min
Delta R.T.: -0.006 min
Response: 216231
Conc: 69.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



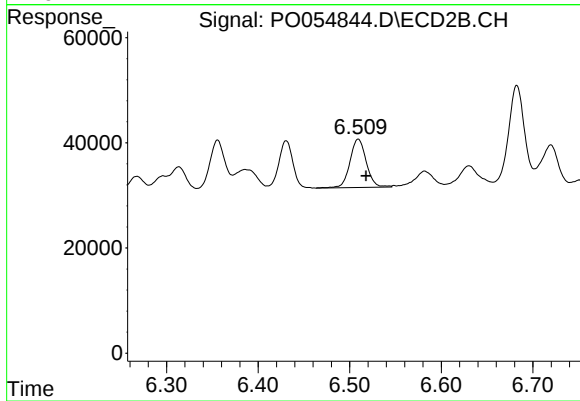
#32 AR-1260-2

R.T.: 6.356 min
Delta R.T.: -0.008 min
Response: 107816
Conc: 39.17 ng/ml



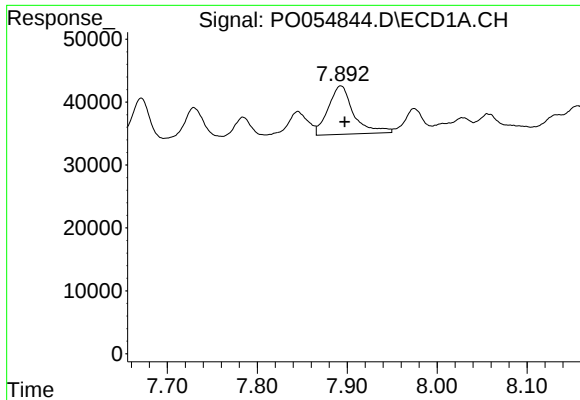
#33 AR-1260-3

R.T.: 7.671 min
Delta R.T.: -0.003 min
Response: 101989
Conc: 41.55 ng/ml



#33 AR-1260-3

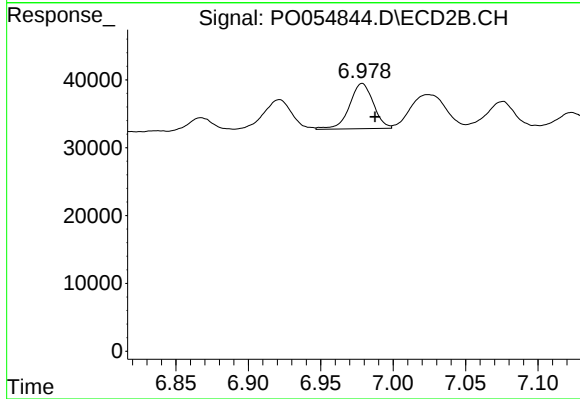
R.T.: 6.509 min
Delta R.T.: -0.009 min
Response: 113500
Conc: 44.03 ng/ml



#34 AR-1260-4

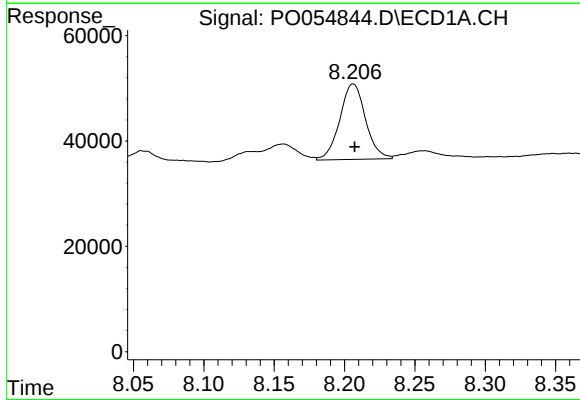
R.T.: 7.893 min
Delta R.T.: -0.004 min
Response: 151239
Conc: 54.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



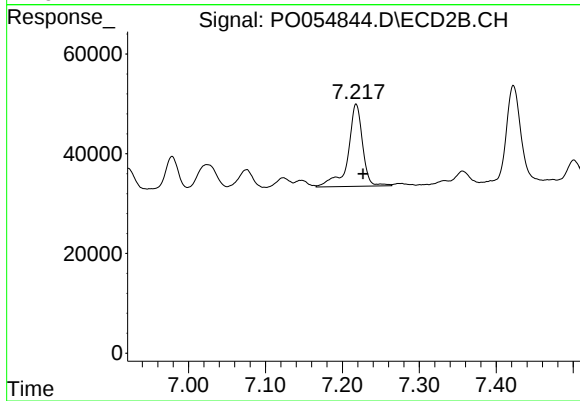
#34 AR-1260-4

R.T.: 6.979 min
Delta R.T.: -0.009 min
Response: 76428
Conc: 35.91 ng/ml



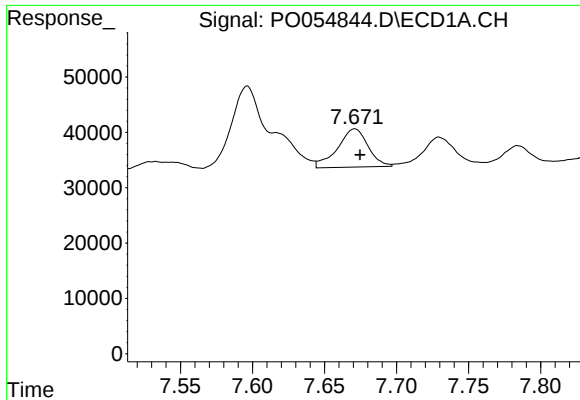
#35 AR-1260-5

R.T.: 8.206 min
Delta R.T.: -0.001 min
Response: 183151
Conc: 33.01 ng/ml



#35 AR-1260-5

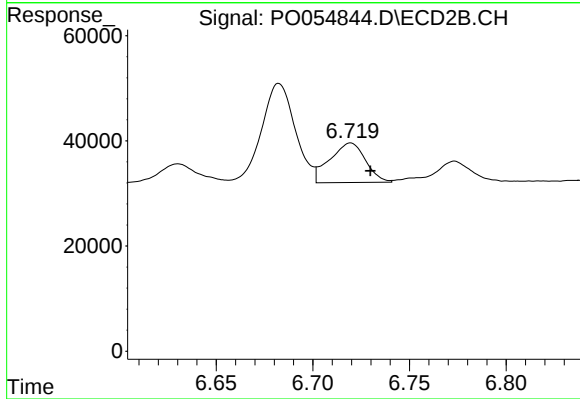
R.T.: 7.218 min
Delta R.T.: -0.009 min
Response: 215625
Conc: 45.02 ng/ml



#36 AR-1262-1

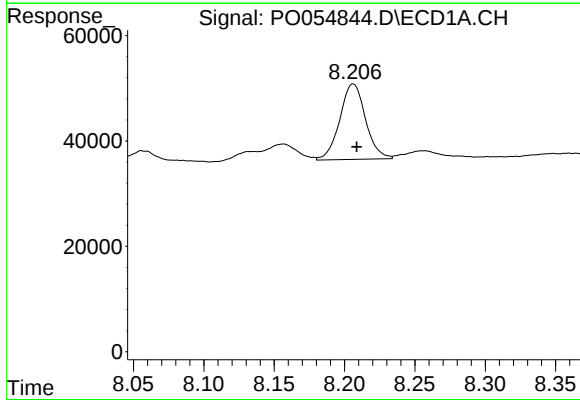
R.T.: 7.671 min
Delta R.T.: -0.004 min
Response: 101989
Conc: 30.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



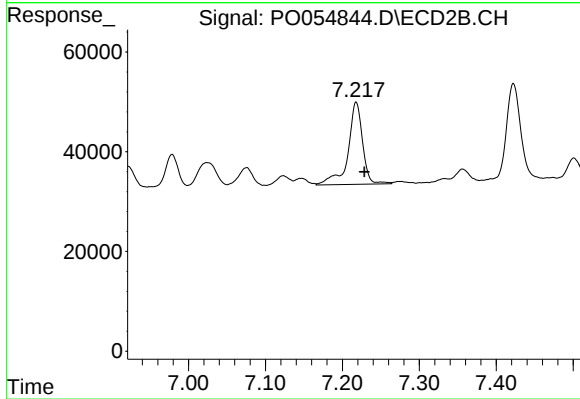
#36 AR-1262-1

R.T.: 6.720 min
Delta R.T.: -0.010 min
Response: 97066
Conc: 32.63 ng/ml



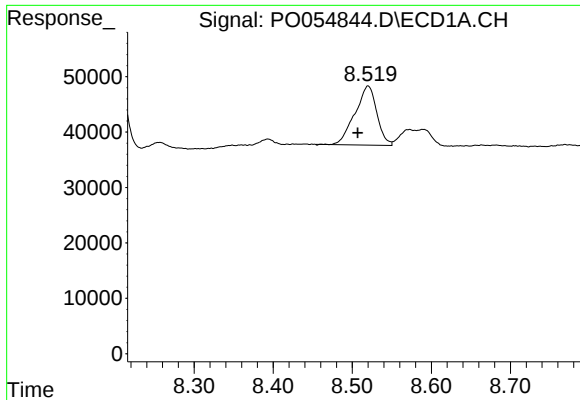
#37 AR-1262-2

R.T.: 8.206 min
Delta R.T.: -0.002 min
Response: 183151
Conc: 30.91 ng/ml



#37 AR-1262-2

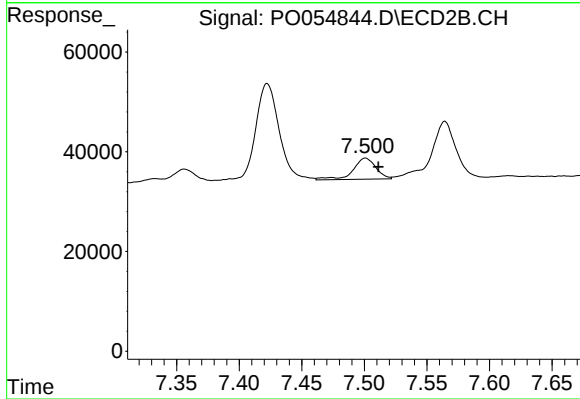
R.T.: 7.218 min
Delta R.T.: -0.011 min
Response: 215625
Conc: 43.99 ng/ml



#38 AR-1262-3

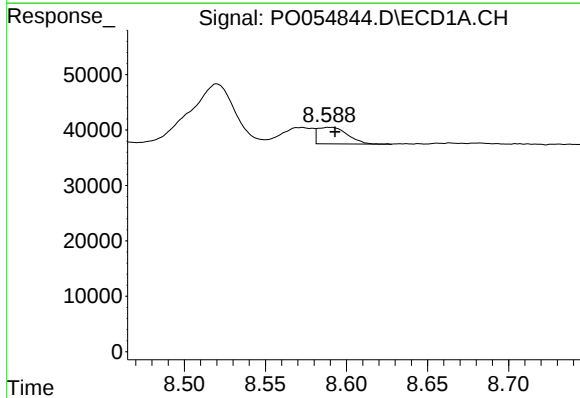
R.T.: 8.520 min
Delta R.T.: 0.013 min
Response: 205120
Conc: 49.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



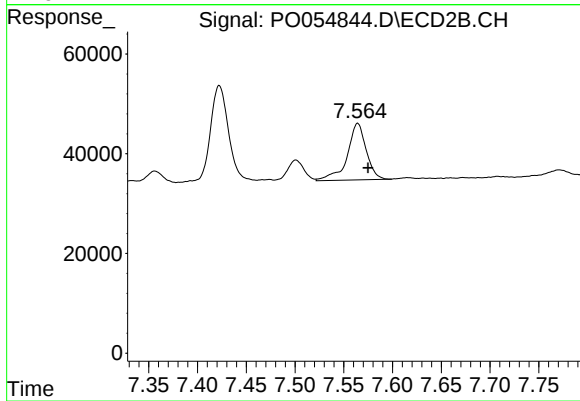
#38 AR-1262-3

R.T.: 7.501 min
Delta R.T.: -0.010 min
Response: 53945
Conc: 26.27 ng/ml



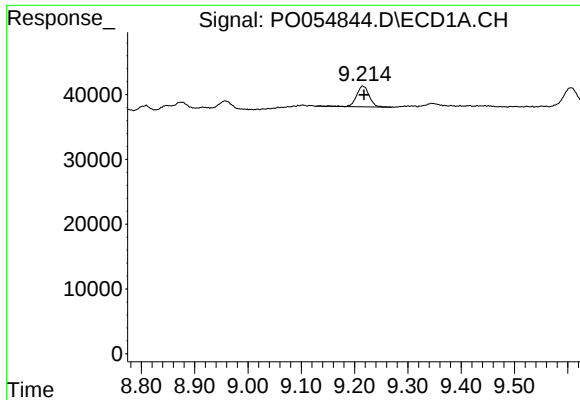
#39 AR-1262-4

R.T.: 8.589 min
Delta R.T.: -0.003 min
Response: 38067
Conc: 11.81 ng/ml



#39 AR-1262-4

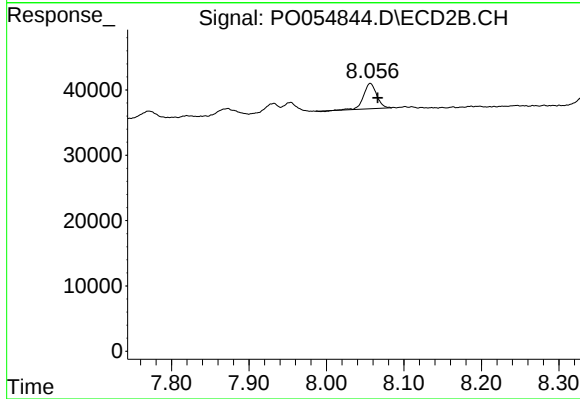
R.T.: 7.564 min
Delta R.T.: -0.011 min
Response: 153332
Conc: 42.33 ng/ml



#40 AR-1262-5

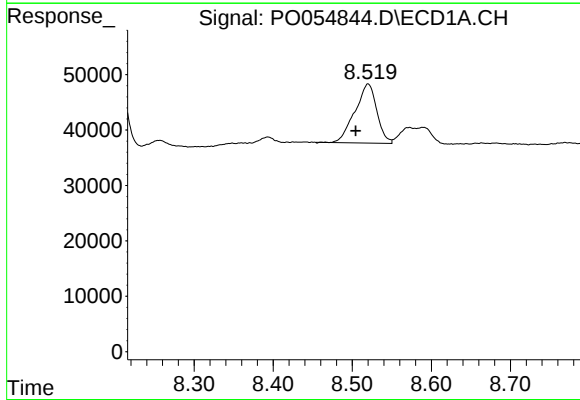
R.T.: 9.215 min
Delta R.T.: -0.003 min
Response: 52957
Conc: 24.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



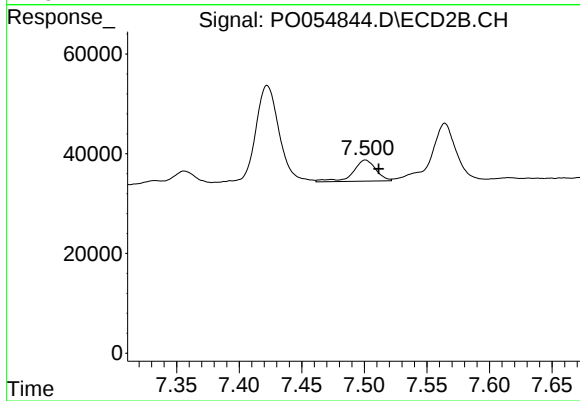
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: -0.010 min
Response: 45650
Conc: 28.29 ng/ml



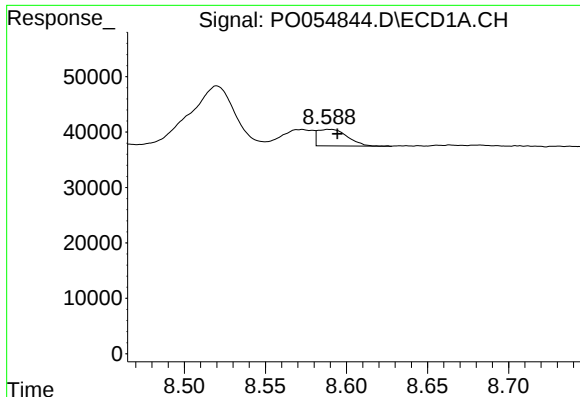
#41 AR-1268-1

R.T.: 8.520 min
Delta R.T.: 0.016 min
Response: 205120
Conc: 28.82 ng/ml



#41 AR-1268-1

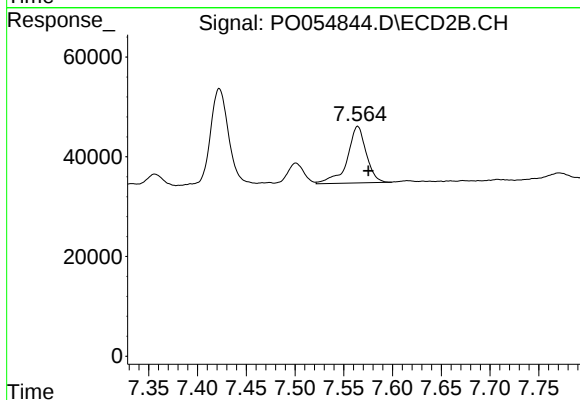
R.T.: 7.501 min
Delta R.T.: -0.011 min
Response: 53945
Conc: 9.54 ng/ml



#42 AR-1268-2

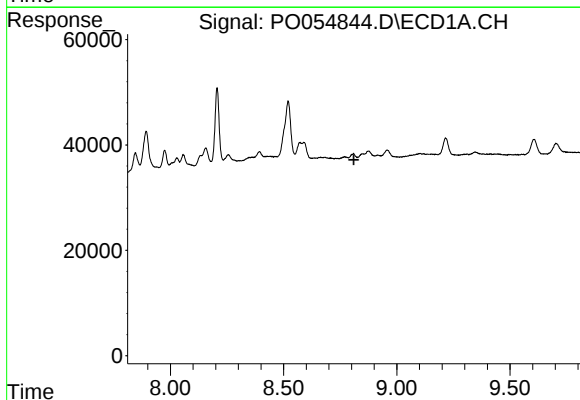
R.T.: 8.589 min
Delta R.T.: -0.005 min
Response: 38067
Conc: 5.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



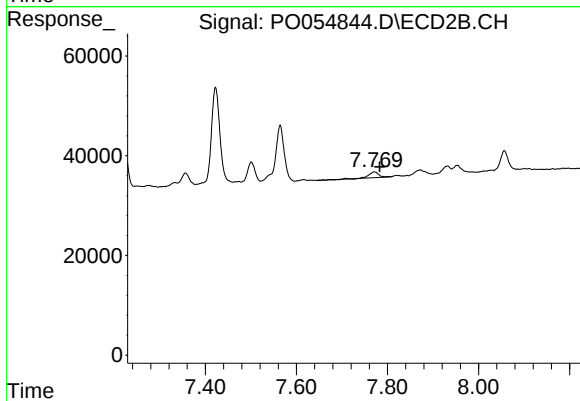
#42 AR-1268-2

R.T.: 7.564 min
Delta R.T.: -0.011 min
Response: 153332
Conc: 29.65 ng/ml



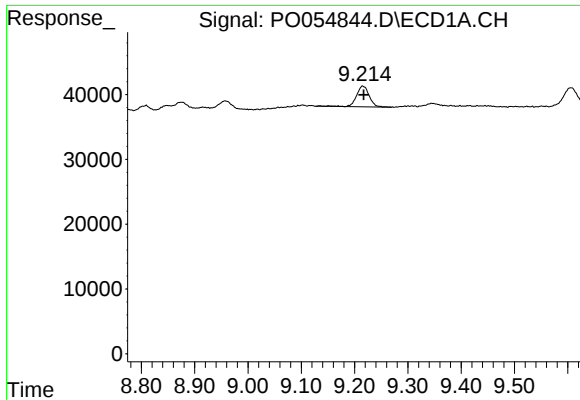
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.810 min
Response: 0
Conc: N.D.



#43 AR-1268-3

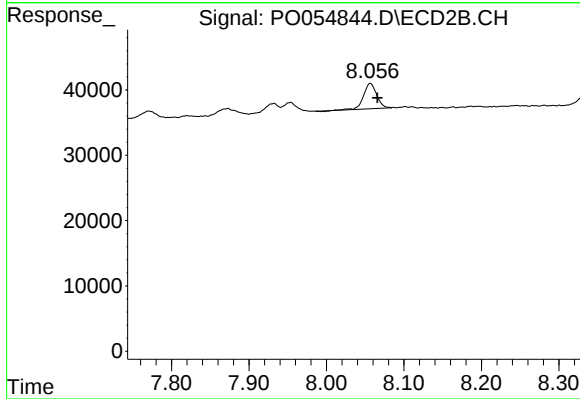
R.T.: 7.771 min
Delta R.T.: -0.012 min
Response: 17870
Conc: 4.15 ng/ml



#44 AR-1268-4

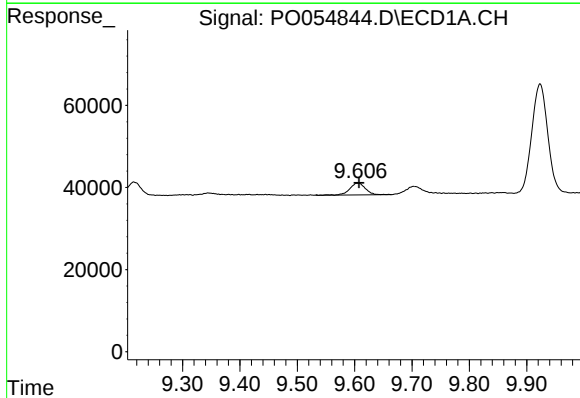
R.T.: 9.215 min
Delta R.T.: -0.002 min
Response: 52957
Conc: 22.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-18



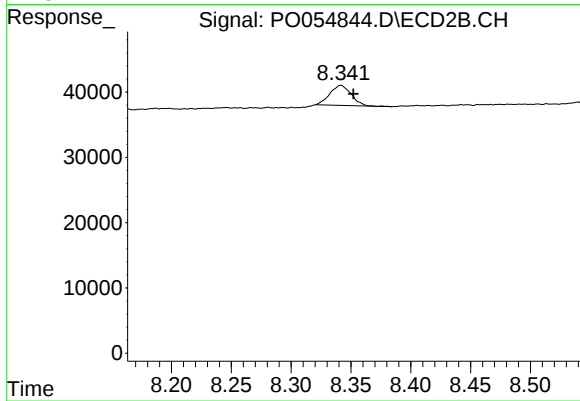
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: -0.009 min
Response: 45650
Conc: 24.62 ng/ml



#45 AR-1268-5

R.T.: 9.606 min
Delta R.T.: -0.002 min
Response: 54562
Conc: 3.31 ng/ml



#45 AR-1268-5

R.T.: 8.342 min
Delta R.T.: -0.010 min
Response: 38098
Conc: 3.35 ng/ml