

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083119\
 Data File : P0060170.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Aug 2019 13:45
 Operator : SM/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 23:07:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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...	4.121	3.497	699294	642828	19.973	17.858
2)	SA Decachlor...	9.574	8.350	1037721	820002	19.506	20.337
Target Compounds							
3)	L1 AR-1016-1	5.290	0.000	1246	0	0.777	N.D. #
4)	L1 AR-1016-2	5.290	0.000	1246	0	0.521	N.D. #
5)	L1 AR-1016-3	5.351	0.000	38977	0	26.168	N.D. #
6)	L1 AR-1016-4	5.407	0.000	316	0	0.261	N.D. #
7)	L1 AR-1016-5	5.730	0.000	9237	0	7.193	N.D. #
8)	L2 AR-1221-1	4.371	0.000	7378	0	17.422	N.D. #
9)	L2 AR-1221-2	4.423	0.000	29838	0	91.866	N.D. #
10)	L2 AR-1221-3	4.478	0.000	10736	0	10.207	N.D. #
11)	L3 AR-1232-1	4.478	0.000	10736	0	8.614	N.D. #
12)	L3 AR-1232-2	5.055	0.000	51652	0	73.121	N.D. #
13)	L3 AR-1232-3	5.290	0.000	1246	0	0.813	N.D. #
14)	L3 AR-1232-4	5.546	0.000	38007	0	48.609	N.D. #
15)	L3 AR-1232-5	5.607	0.000	17944	0	29.850	N.D. #
16)	L4 AR-1242-1	5.290	0.000	1246	0	0.981	N.D. #
17)	L4 AR-1242-2	5.290	0.000	1246	0	0.671	N.D. #
18)	L4 AR-1242-3	5.351	0.000	38977	0	33.347	N.D. #
19)	L4 AR-1242-4	5.546	0.000	38007	0	39.268	N.D. #
20)	L4 AR-1242-5	6.179	5.347	49919	38776	39.725	34.665
21)	L5 AR-1248-1	5.290	0.000	1246	0	1.242	N.D. #
22)	L5 AR-1248-2	5.546	0.000	38007	0	26.195	N.D. #
23)	L5 AR-1248-3	5.730	0.000	9237	0	5.558	N.D. #
24)	L5 AR-1248-4	6.109	0.000	142195	0	69.563	N.D. #
25)	L5 AR-1248-5	6.179	5.347	49919	38776	25.172	27.092
26)	L6 AR-1254-1	6.109	5.347	142195	38776	68.153	16.349 #
27)	L6 AR-1254-2	6.356	0.000	32335	0	9.692	N.D. #
28)	L6 AR-1254-3	6.680	0.000	21117	0	5.951	N.D. #
29)	L6 AR-1254-4	6.990	0.000	30622	0	10.396	N.D. #
30)	L6 AR-1254-5	7.380	0.000	68608	0	22.186	N.D. #
31)	L7 AR-1260-1	6.849	0.000	21914	0	8.129	N.D. #
32)	L7 AR-1260-2	7.096	6.180	47558	32784	12.817	11.189
33)	L7 AR-1260-3	7.414	6.372	20177	36343	6.158	13.719 #
34)	L7 AR-1260-4	7.674	0.000	167945	0	54.682	N.D. #
35)	L7 AR-1260-5	7.992	7.033	139999	28956	19.771	5.262 #
36)	L8 AR-1262-1	7.515	0.000	80414	0	16.570	N.D. #
37)	L8 AR-1262-2	8.023	7.033	71866	28956	9.314	4.925 #
38)	L8 AR-1262-3	8.298	7.303	184677	-59	36.195	N.D. #
39)	L8 AR-1262-4	8.345	7.408	97208	23594	25.218	5.339 #
40)	L8 AR-1262-5	8.959	0.000	31110	0	12.121	N.D. #
41)	L9 AR-1268-1	8.298	7.303	184677	-59	19.624	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083119\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 31 Aug 2019 13:45
Operator : SM/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

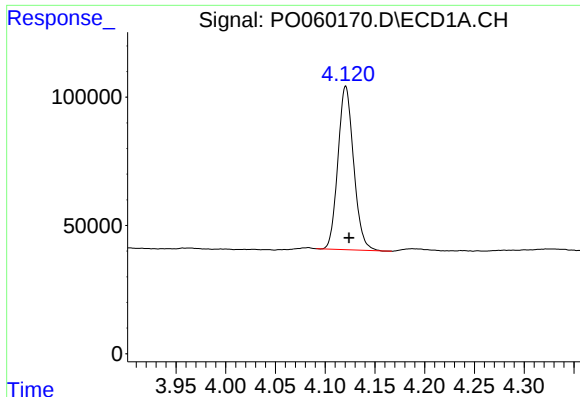
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 23:07:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.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	8.345	7.408	97208	23594	12.332	3.659 #
43)	L9 AR-1268-3	8.618	7.566	91889	6506	13.036	1.189 #
44)	L9 AR-1268-4	8.959	0.000	31110	0	11.190	N.D. #
45)	L9 AR-1268-5	9.364	8.130	30029	10007	1.628	0.689 #

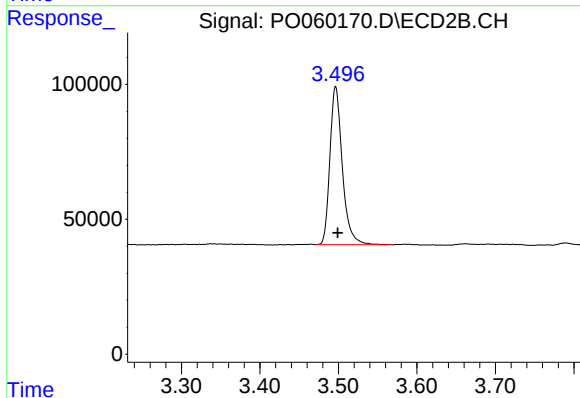
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

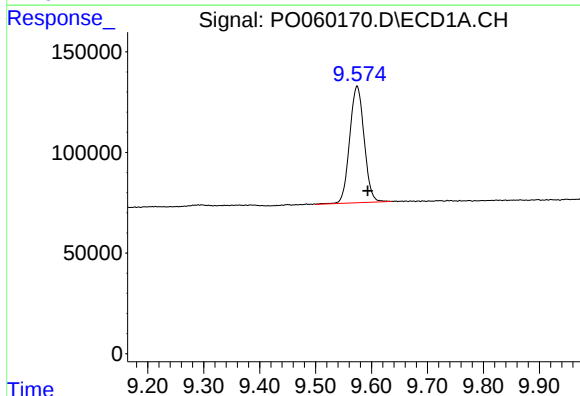
R.T.: 4.121 min
Delta R.T.: -0.003 min
Response: 699294
Conc: 19.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



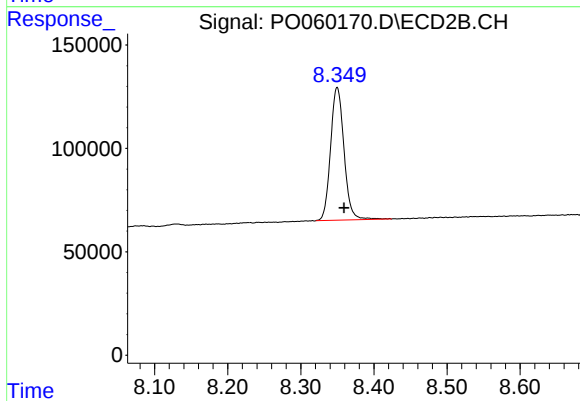
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.003 min
Response: 642828
Conc: 17.86 ng/ml



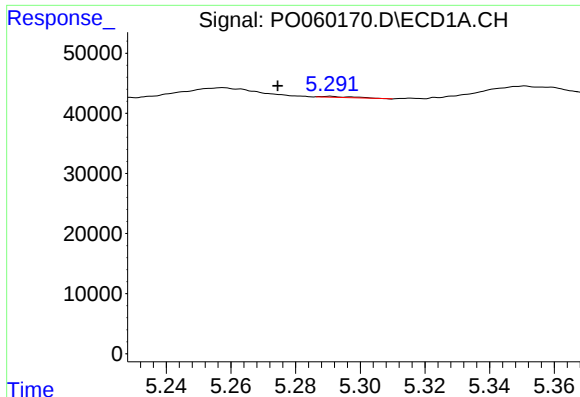
#2 Decachlorobiphenyl

R.T.: 9.574 min
Delta R.T.: -0.019 min
Response: 1037721
Conc: 19.51 ng/ml



#2 Decachlorobiphenyl

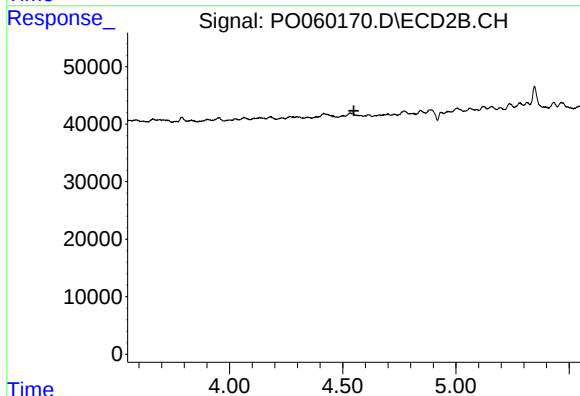
R.T.: 8.350 min
Delta R.T.: -0.009 min
Response: 820002
Conc: 20.34 ng/ml



#3 AR-1016-1

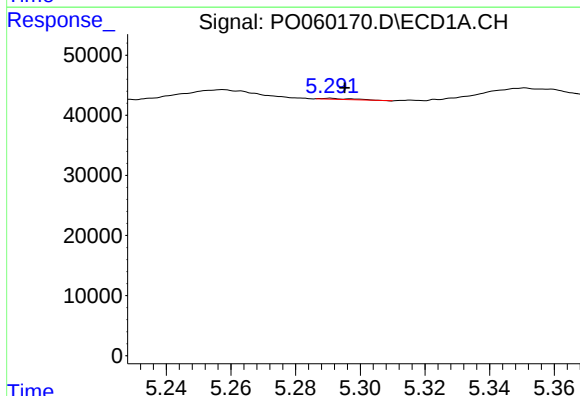
R.T.: 5.290 min
Delta R.T.: 0.016 min
Response: 1246
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



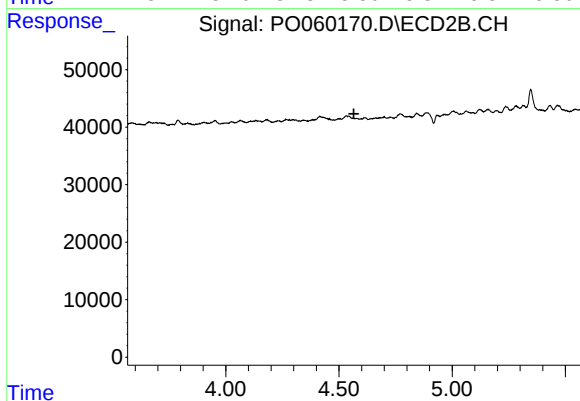
#3 AR-1016-1

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



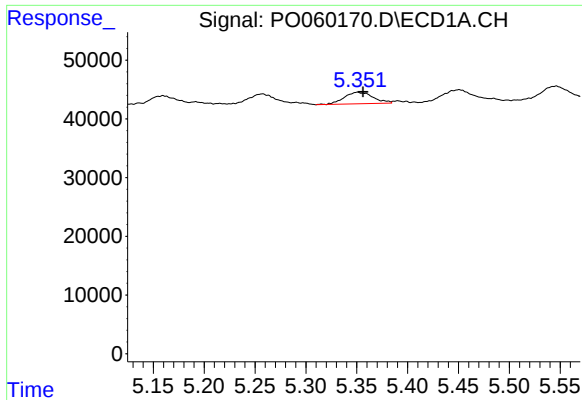
#4 AR-1016-2

R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 1246
Conc: 0.52 ng/ml



#4 AR-1016-2

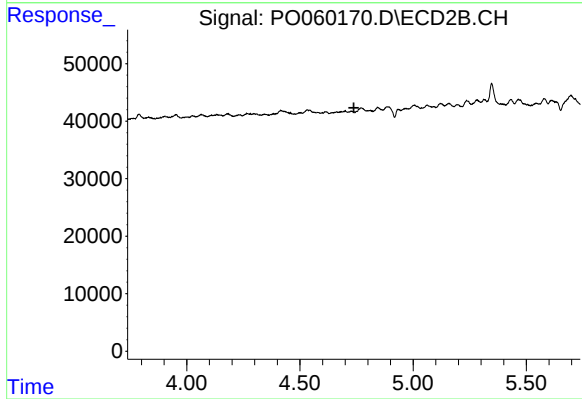
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

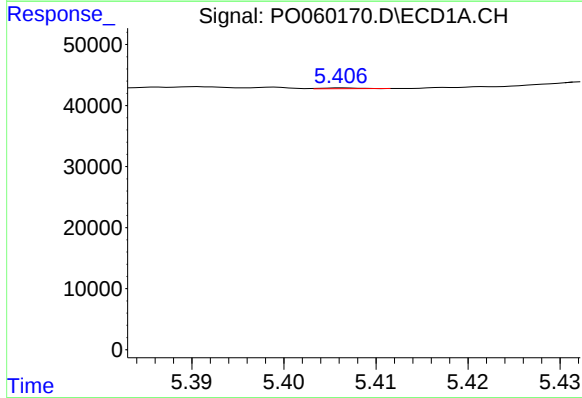
R.T.: 5.351 min
Delta R.T.: -0.005 min
Response: 38977
Conc: 26.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



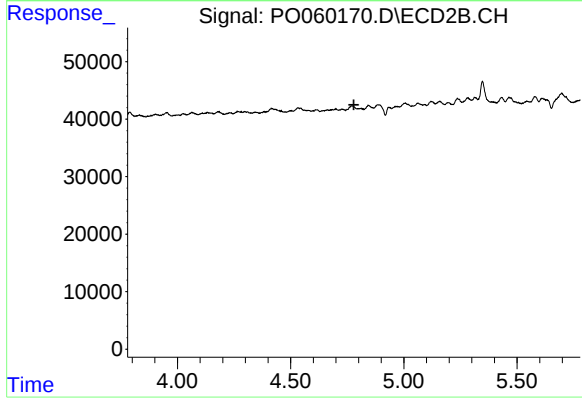
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



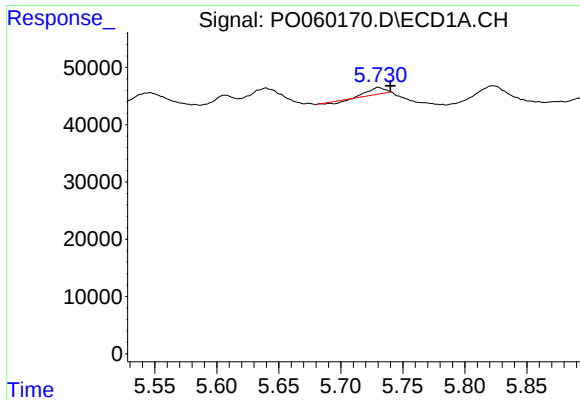
#6 AR-1016-4

R.T.: 5.407 min
Delta R.T.: -0.053 min
Response: 316
Conc: 0.26 ng/ml



#6 AR-1016-4

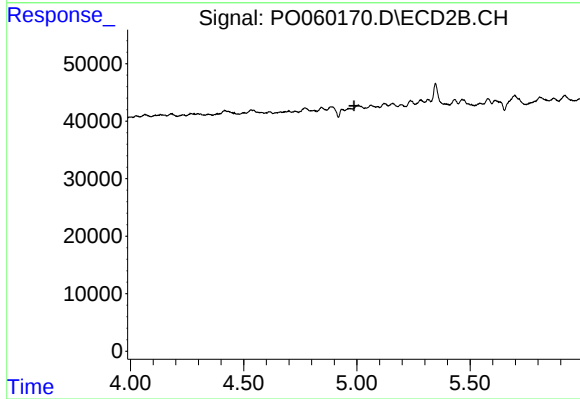
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

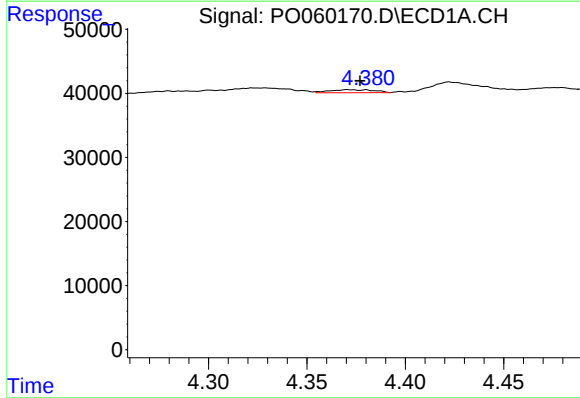
R.T.: 5.730 min
Delta R.T.: -0.010 min
Response: 9237
Conc: 7.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



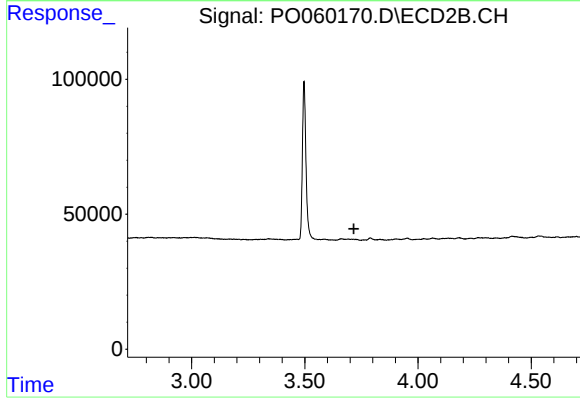
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



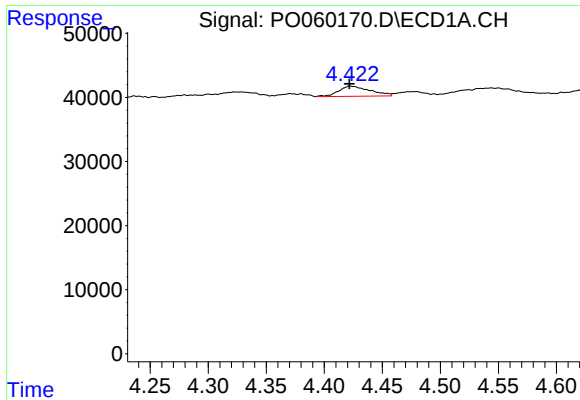
#8 AR-1221-1

R.T.: 4.371 min
Delta R.T.: -0.006 min
Response: 7378
Conc: 17.42 ng/ml



#8 AR-1221-1

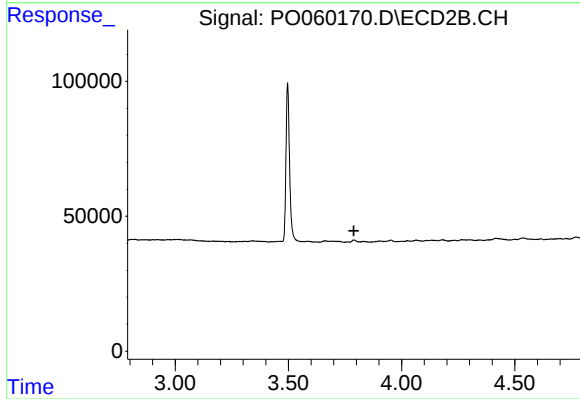
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

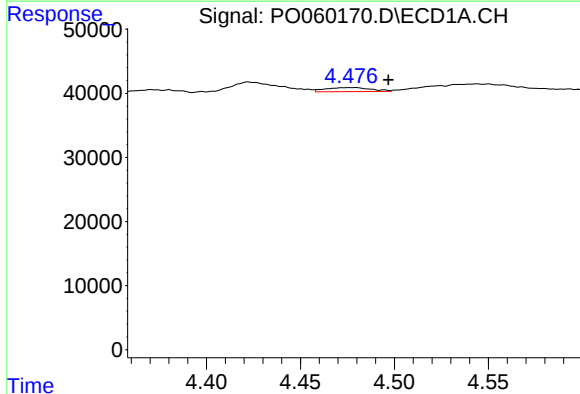
R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 29838
Conc: 91.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



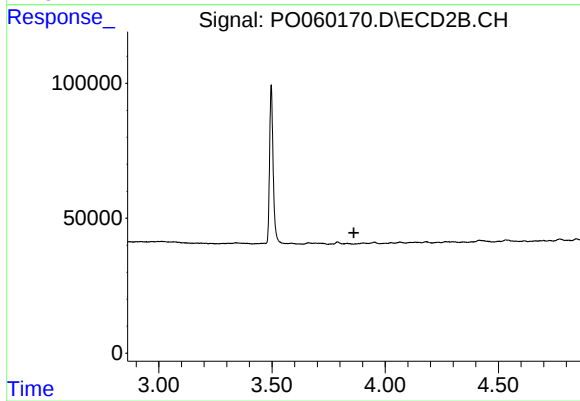
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



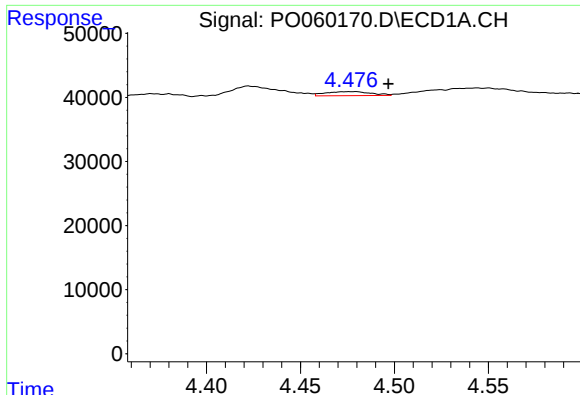
#10 AR-1221-3

R.T.: 4.478 min
Delta R.T.: -0.019 min
Response: 10736
Conc: 10.21 ng/ml



#10 AR-1221-3

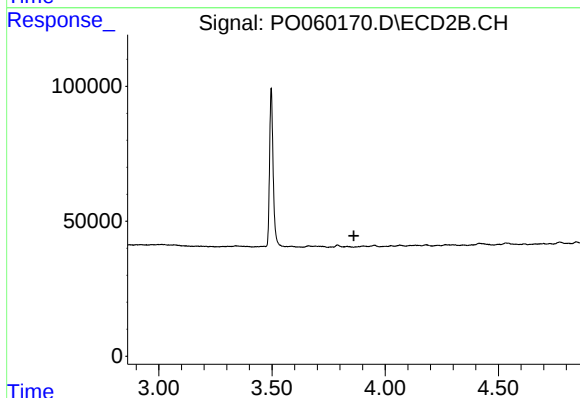
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

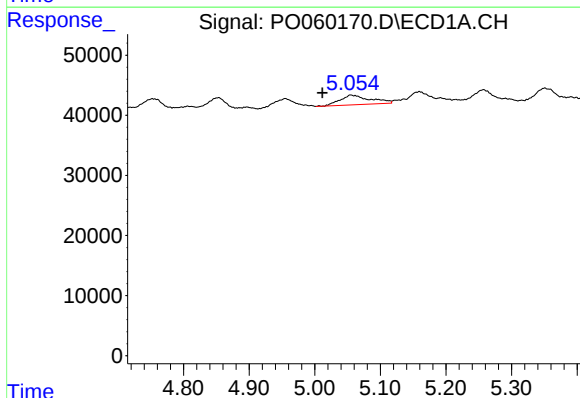
R.T.: 4.478 min
Delta R.T.: -0.019 min
Response: 10736
Conc: 8.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



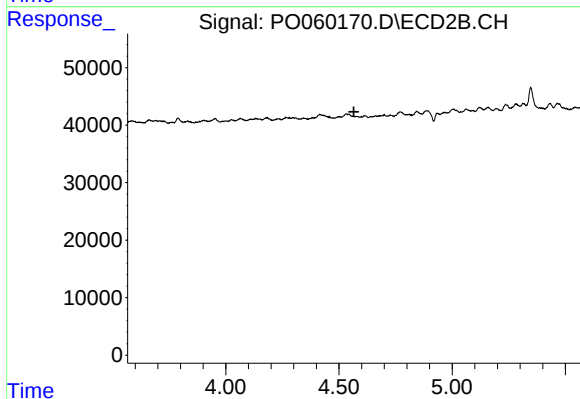
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



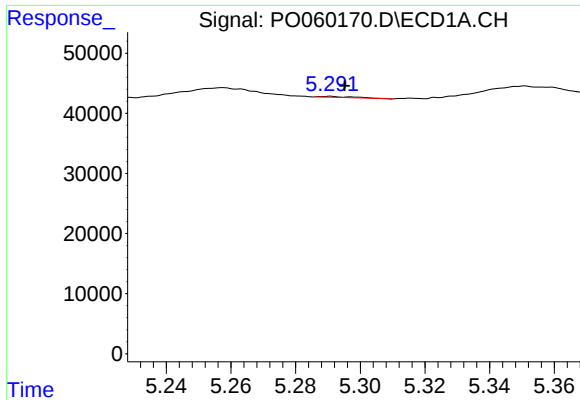
#12 AR-1232-2

R.T.: 5.055 min
Delta R.T.: 0.043 min
Response: 51652
Conc: 73.12 ng/ml



#12 AR-1232-2

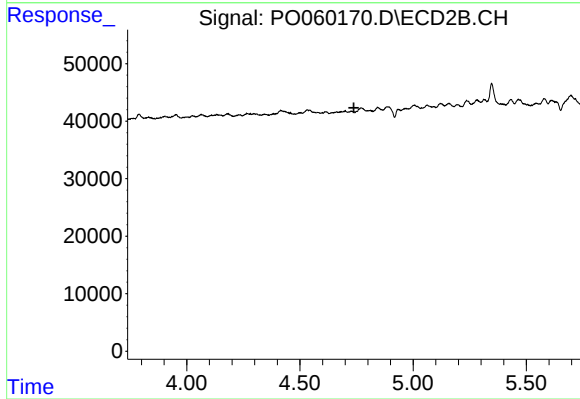
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

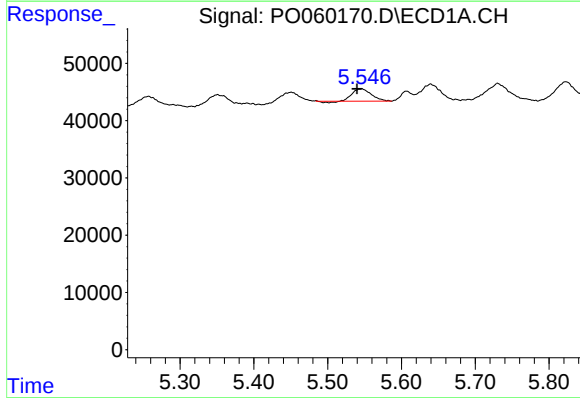
R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 1246
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



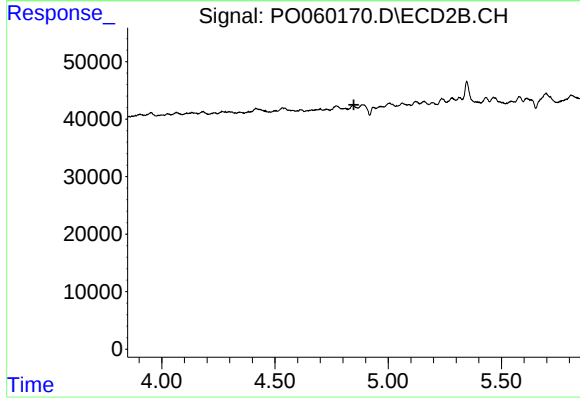
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



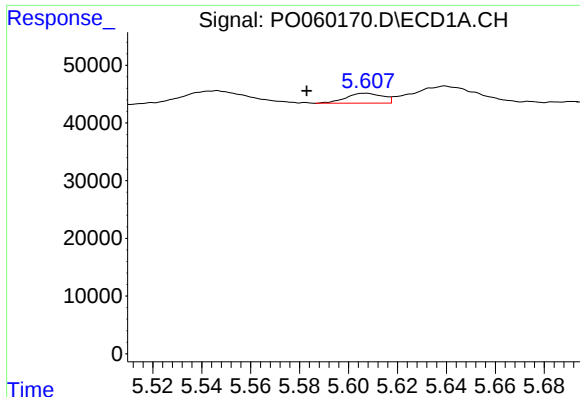
#14 AR-1232-4

R.T.: 5.546 min
Delta R.T.: 0.006 min
Response: 38007
Conc: 48.61 ng/ml



#14 AR-1232-4

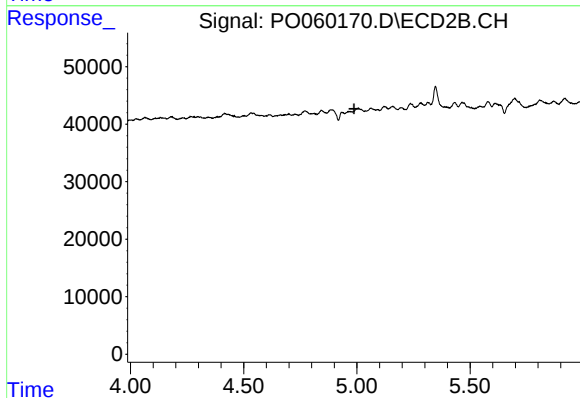
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

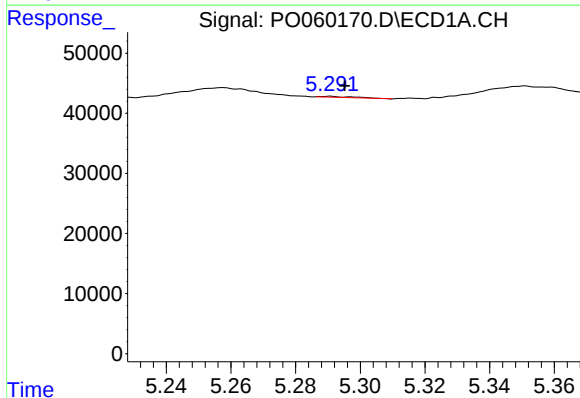
R.T.: 5.607 min
Delta R.T.: 0.024 min
Response: 17944
Conc: 29.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



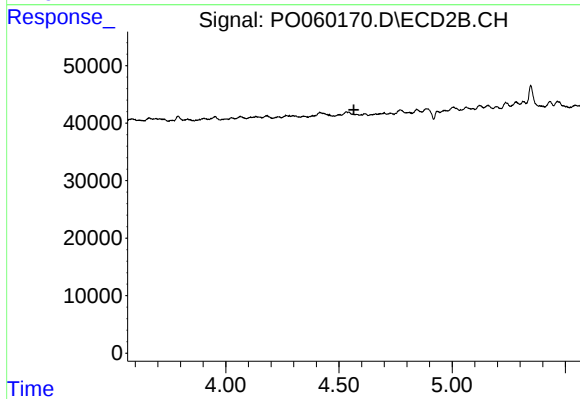
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



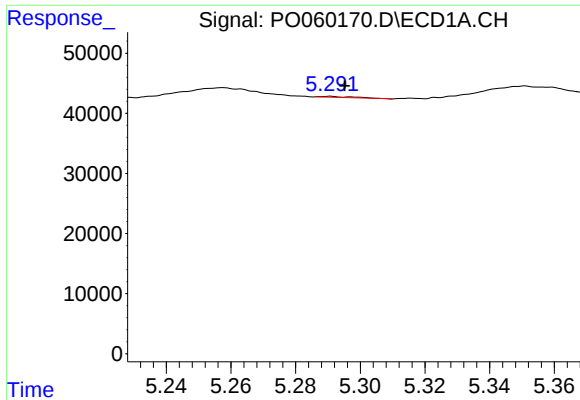
#16 AR-1242-1

R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 1246
Conc: 0.98 ng/ml



#16 AR-1242-1

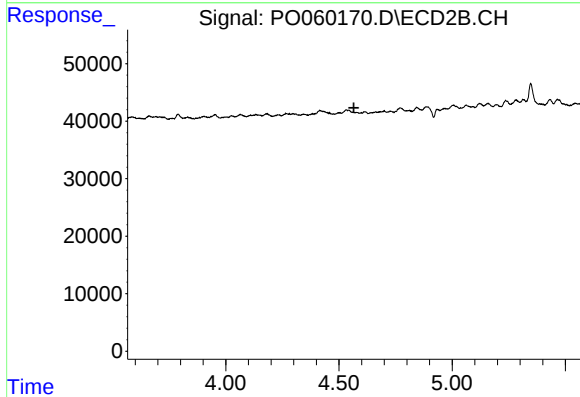
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

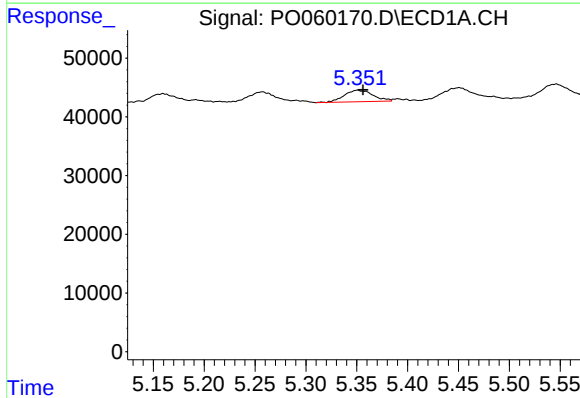
R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 1246
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



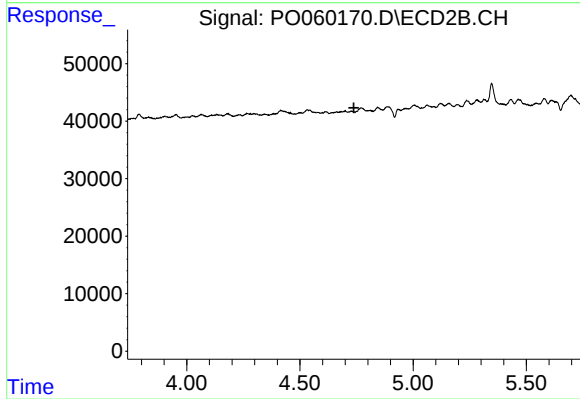
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



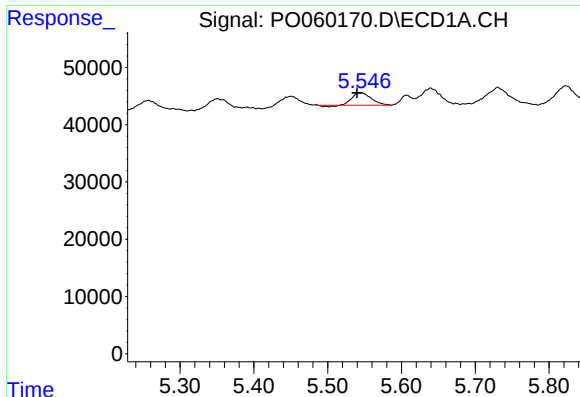
#18 AR-1242-3

R.T.: 5.351 min
Delta R.T.: -0.005 min
Response: 38977
Conc: 33.35 ng/ml



#18 AR-1242-3

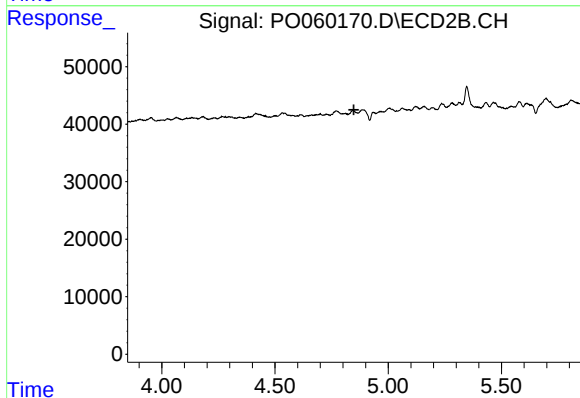
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

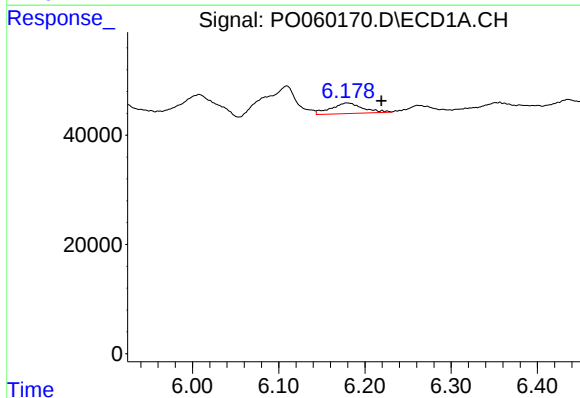
R.T.: 5.546 min
Delta R.T.: 0.006 min
Response: 38007
Conc: 39.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



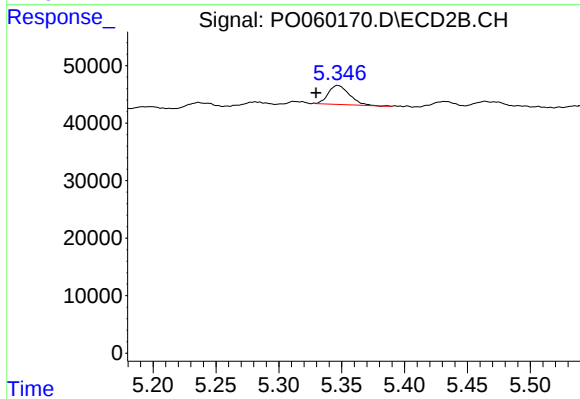
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



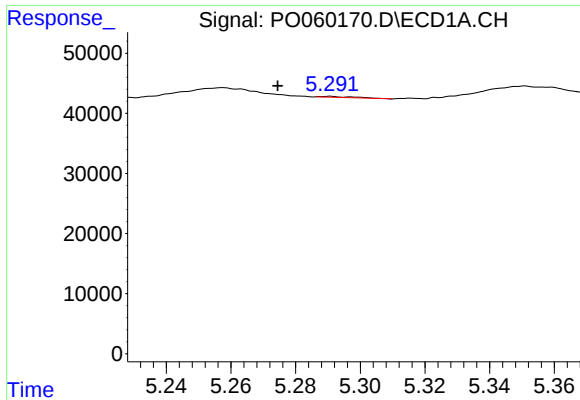
#20 AR-1242-5

R.T.: 6.179 min
Delta R.T.: -0.040 min
Response: 49919
Conc: 39.73 ng/ml



#20 AR-1242-5

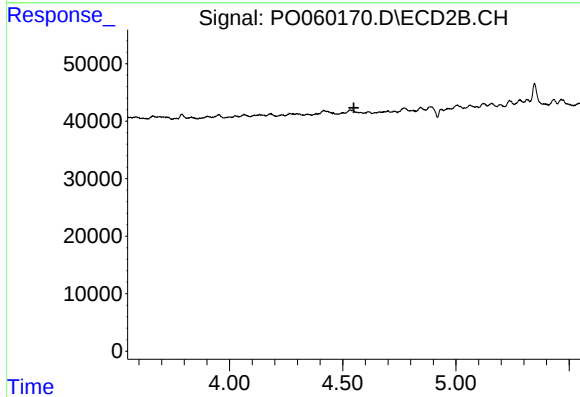
R.T.: 5.347 min
Delta R.T.: 0.017 min
Response: 38776
Conc: 34.66 ng/ml



#21 AR-1248-1

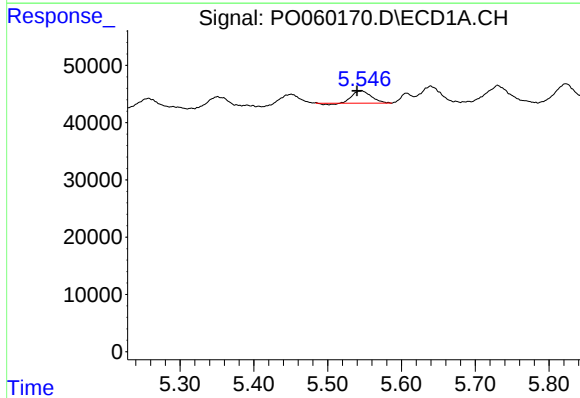
R.T.: 5.290 min
Delta R.T.: 0.016 min
Response: 1246
Conc: 1.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



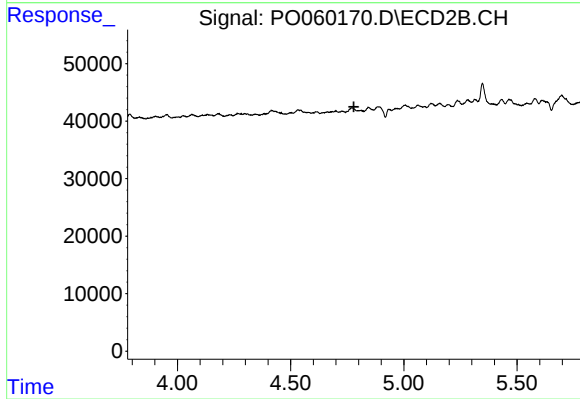
#21 AR-1248-1

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



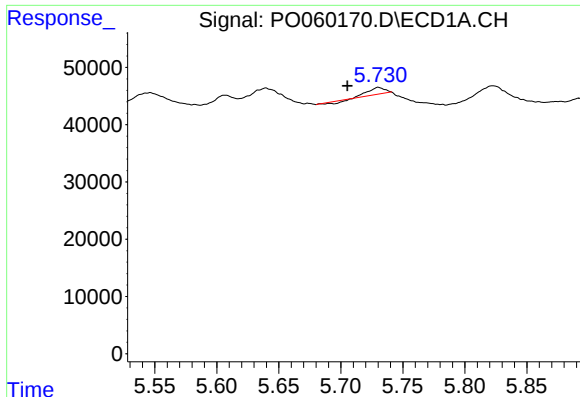
#22 AR-1248-2

R.T.: 5.546 min
Delta R.T.: 0.006 min
Response: 38007
Conc: 26.20 ng/ml



#22 AR-1248-2

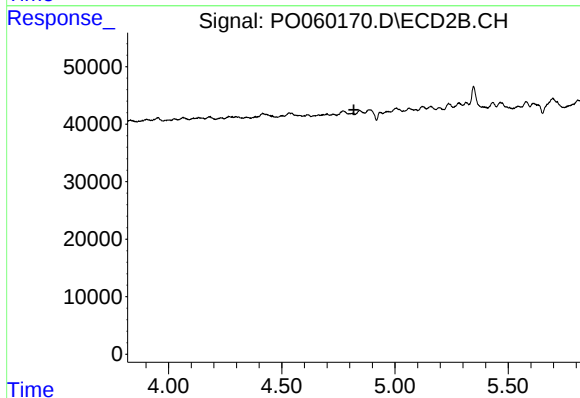
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

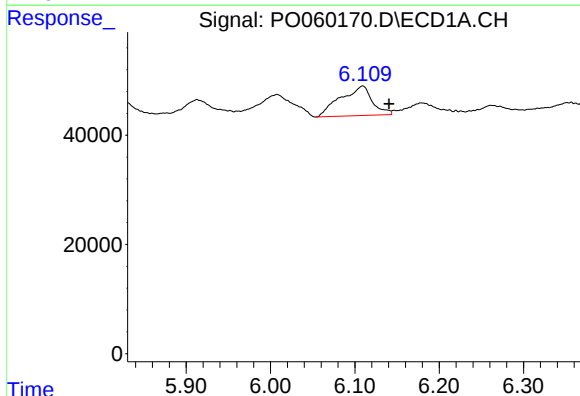
R.T.: 5.730 min
Delta R.T.: 0.025 min
Response: 9237
Conc: 5.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



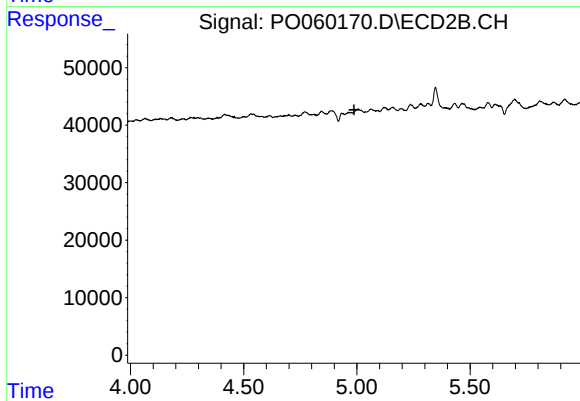
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



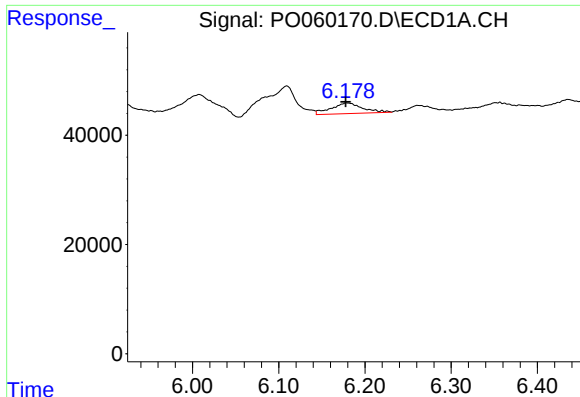
#24 AR-1248-4

R.T.: 6.109 min
Delta R.T.: -0.031 min
Response: 142195
Conc: 69.56 ng/ml



#24 AR-1248-4

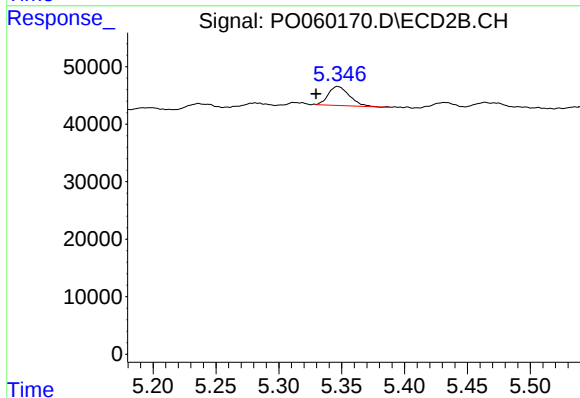
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

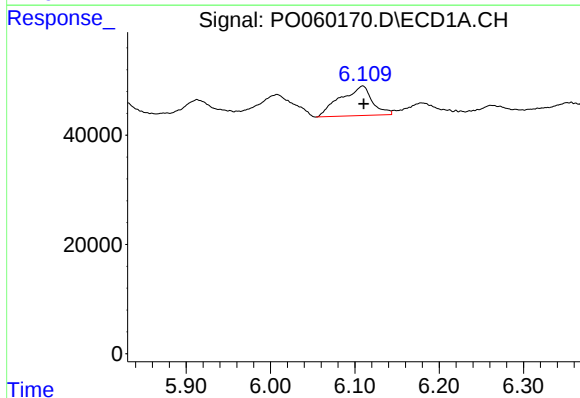
R.T.: 6.179 min
Delta R.T.: 0.001 min
Response: 49919
Conc: 25.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



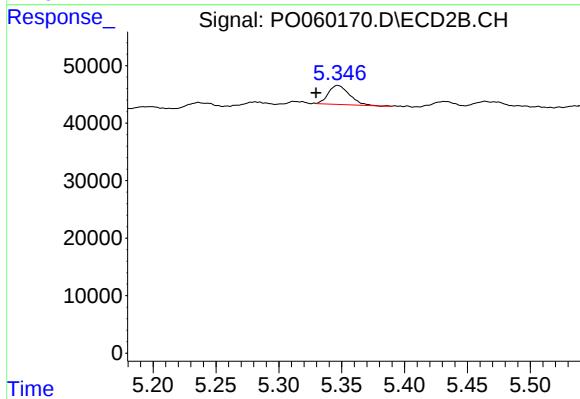
#25 AR-1248-5

R.T.: 5.347 min
Delta R.T.: 0.017 min
Response: 38776
Conc: 27.09 ng/ml



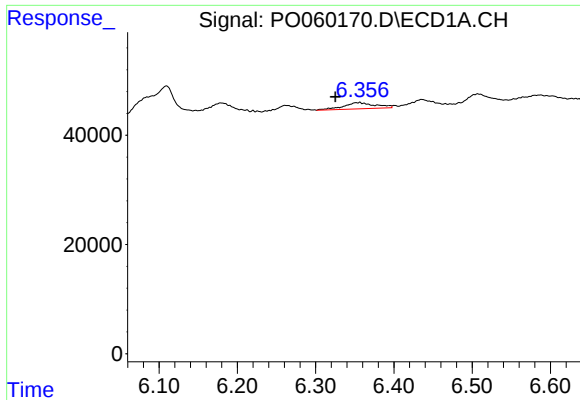
#26 AR-1254-1

R.T.: 6.109 min
Delta R.T.: -0.001 min
Response: 142195
Conc: 68.15 ng/ml



#26 AR-1254-1

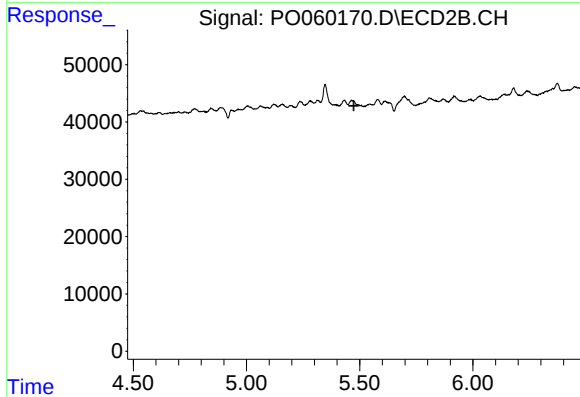
R.T.: 5.347 min
Delta R.T.: 0.017 min
Response: 38776
Conc: 16.35 ng/ml



#27 AR-1254-2

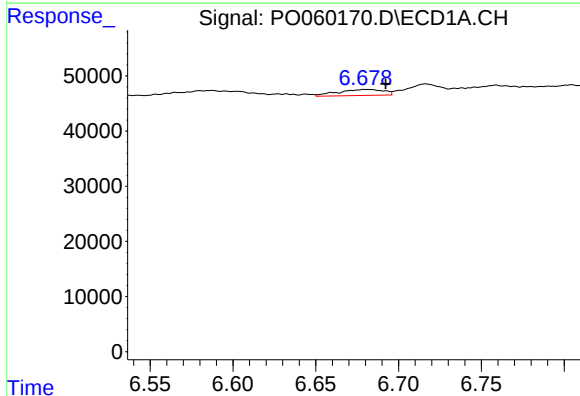
R.T.: 6.356 min
Delta R.T.: 0.031 min
Response: 32335
Conc: 9.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



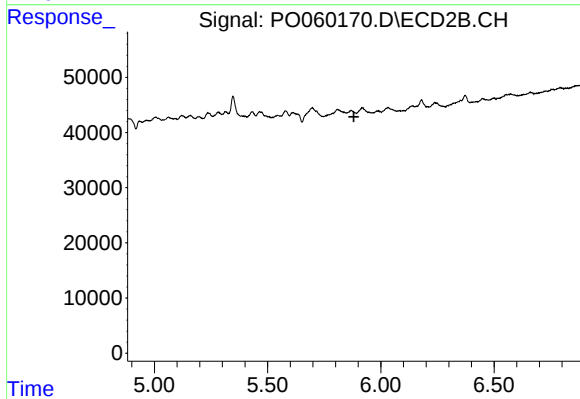
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.474 min
Response: 0
Conc: N.D.



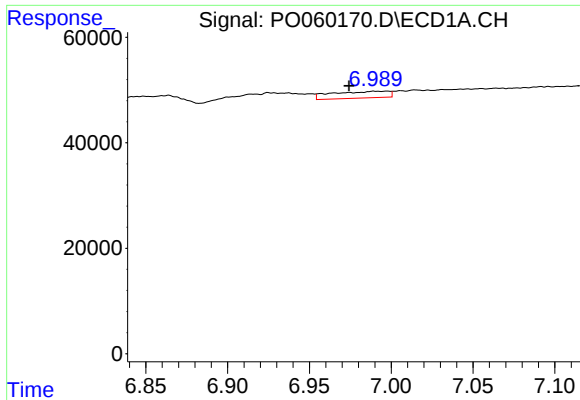
#28 AR-1254-3

R.T.: 6.680 min
Delta R.T.: -0.012 min
Response: 21117
Conc: 5.95 ng/ml



#28 AR-1254-3

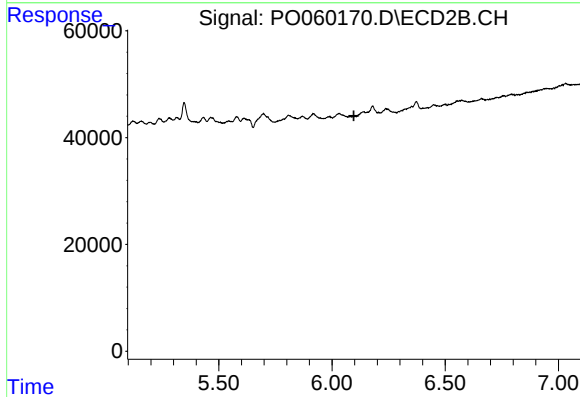
R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

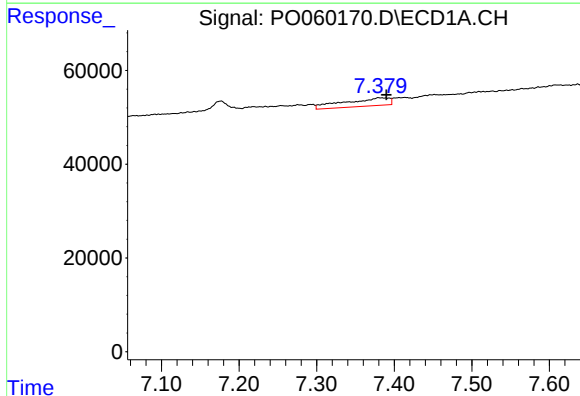
R.T.: 6.990 min
Delta R.T.: 0.016 min
Response: 30622
Conc: 10.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



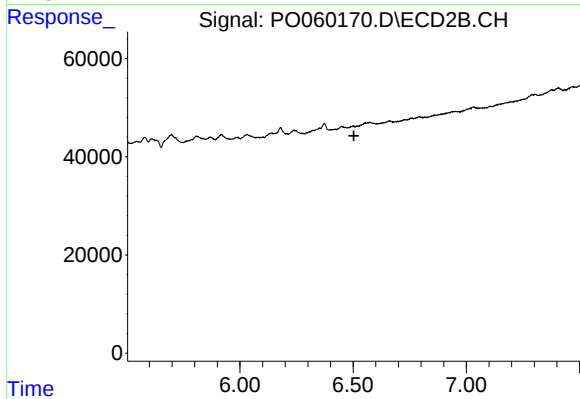
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



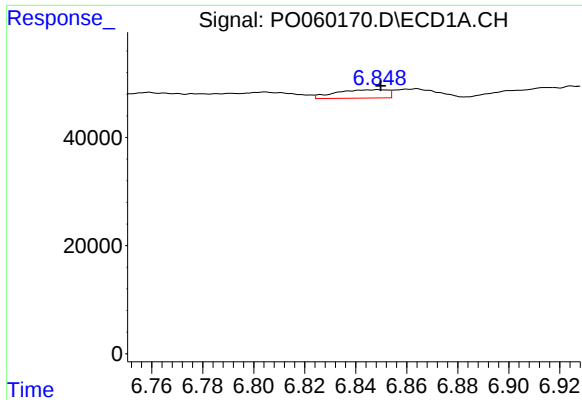
#30 AR-1254-5

R.T.: 7.380 min
Delta R.T.: -0.010 min
Response: 68608
Conc: 22.19 ng/ml



#30 AR-1254-5

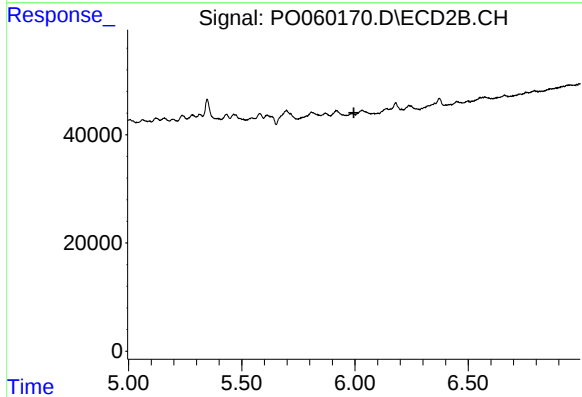
R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

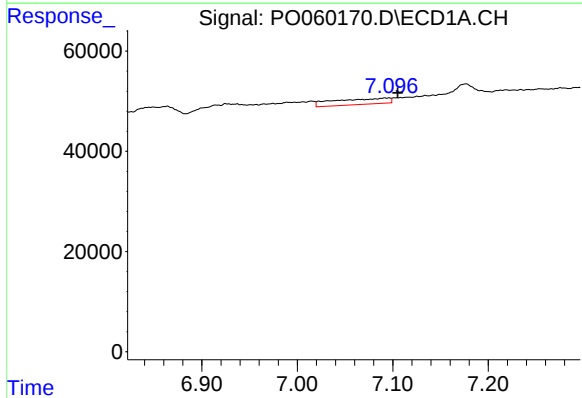
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 21914
Conc: 8.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



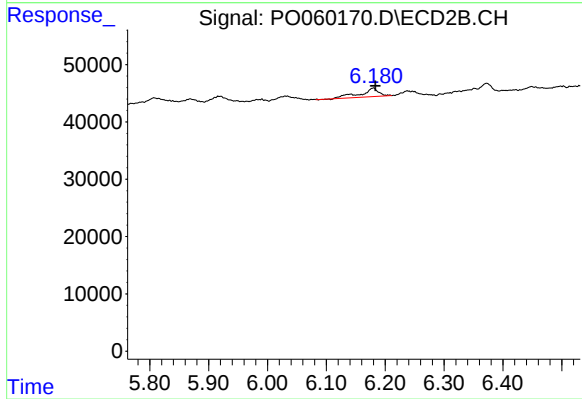
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



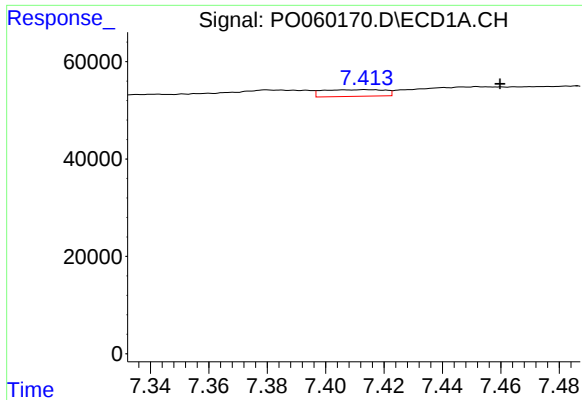
#32 AR-1260-2

R.T.: 7.096 min
Delta R.T.: -0.009 min
Response: 47558
Conc: 12.82 ng/ml



#32 AR-1260-2

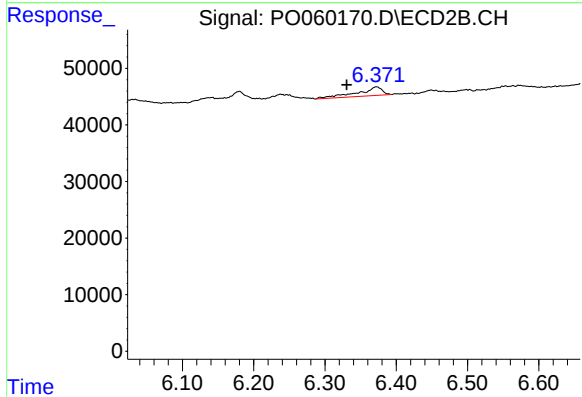
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 32784
Conc: 11.19 ng/ml



#33 AR-1260-3

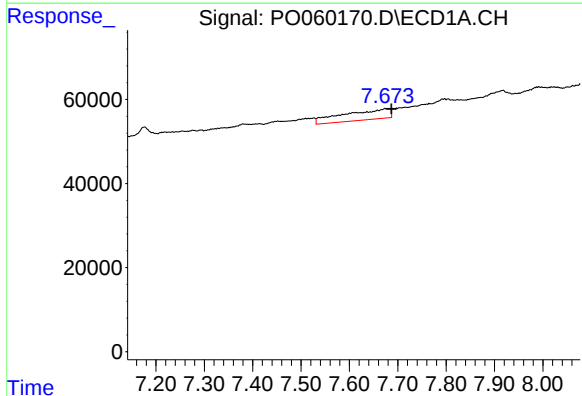
R.T.: 7.414 min
Delta R.T.: -0.046 min
Response: 20177
Conc: 6.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



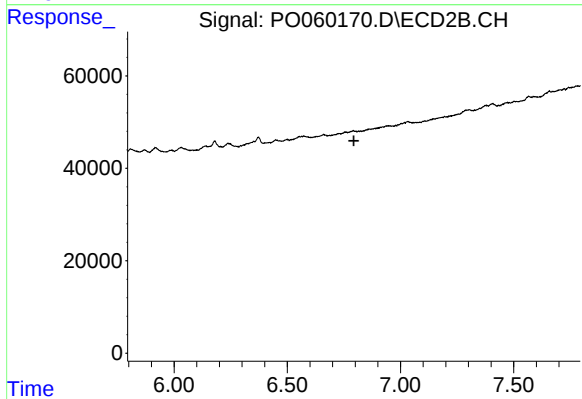
#33 AR-1260-3

R.T.: 6.372 min
Delta R.T.: 0.042 min
Response: 36343
Conc: 13.72 ng/ml



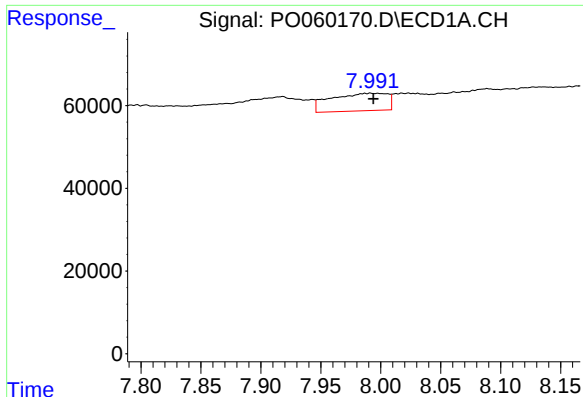
#34 AR-1260-4

R.T.: 7.674 min
Delta R.T.: -0.013 min
Response: 167945
Conc: 54.68 ng/ml



#34 AR-1260-4

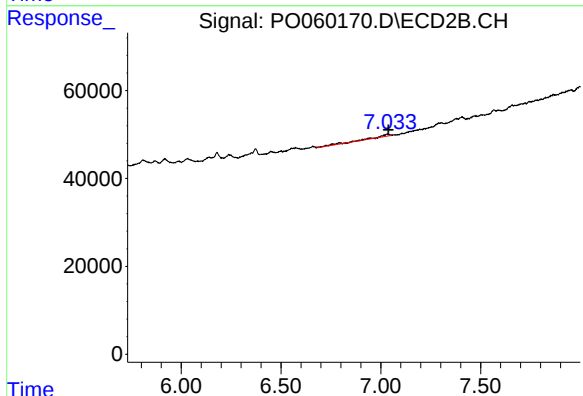
R.T.: 0.000 min
Exp R.T.: 6.794 min
Response: 0
Conc: N.D.



#35 AR-1260-5

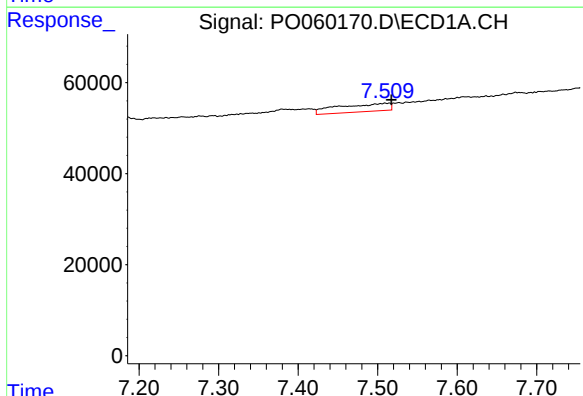
R.T.: 7.992 min
Delta R.T.: -0.003 min
Response: 139999
Conc: 19.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



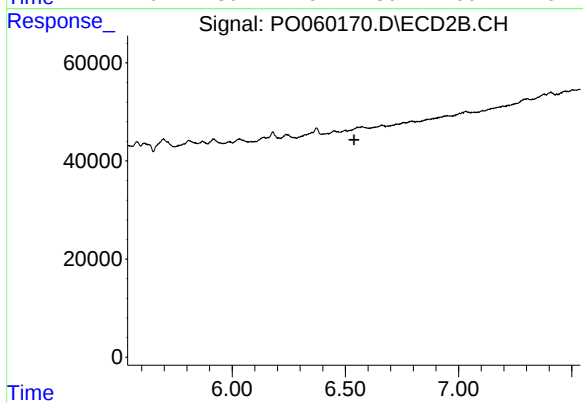
#35 AR-1260-5

R.T.: 7.033 min
Delta R.T.: -0.004 min
Response: 28956
Conc: 5.26 ng/ml



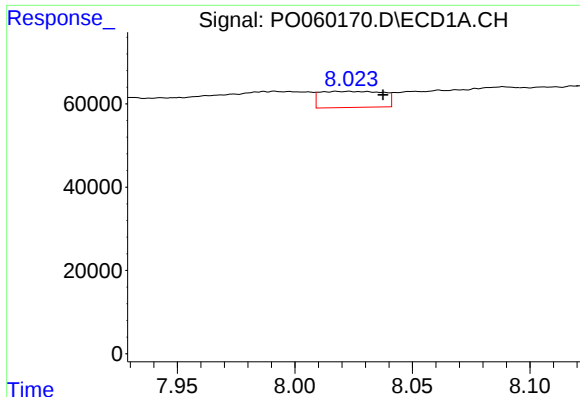
#36 AR-1262-1

R.T.: 7.515 min
Delta R.T.: -0.002 min
Response: 80414
Conc: 16.57 ng/ml



#36 AR-1262-1

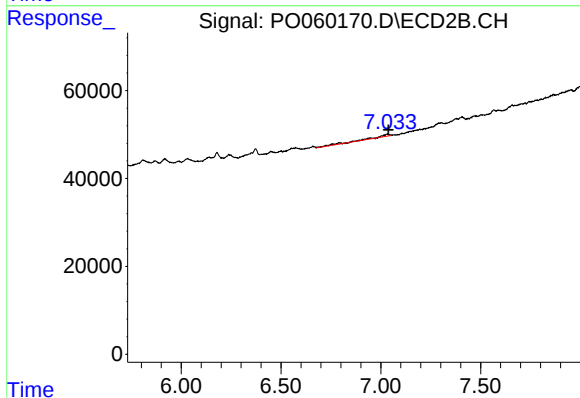
R.T.: 0.000 min
Exp R.T.: 6.538 min
Response: 0
Conc: N.D.



#37 AR-1262-2

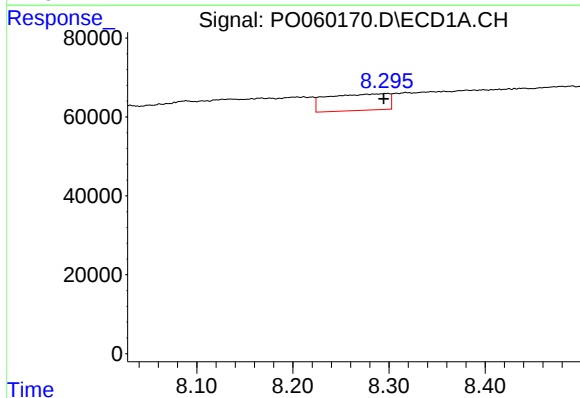
R.T.: 8.023 min
Delta R.T.: -0.014 min
Response: 71866
Conc: 9.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



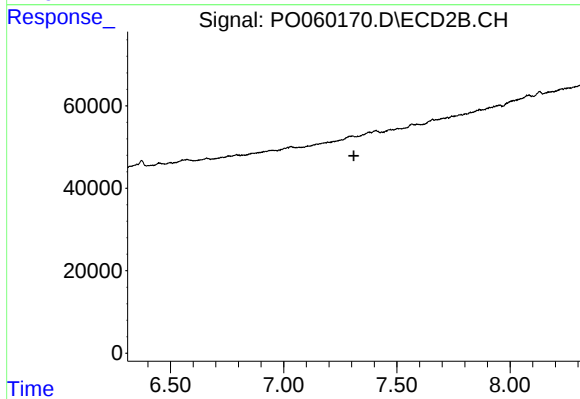
#37 AR-1262-2

R.T.: 7.033 min
Delta R.T.: -0.004 min
Response: 28956
Conc: 4.93 ng/ml



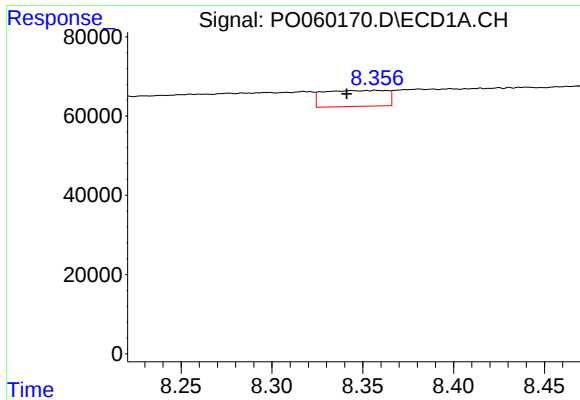
#38 AR-1262-3

R.T.: 8.298 min
Delta R.T.: 0.004 min
Response: 184677
Conc: 36.19 ng/ml



#38 AR-1262-3

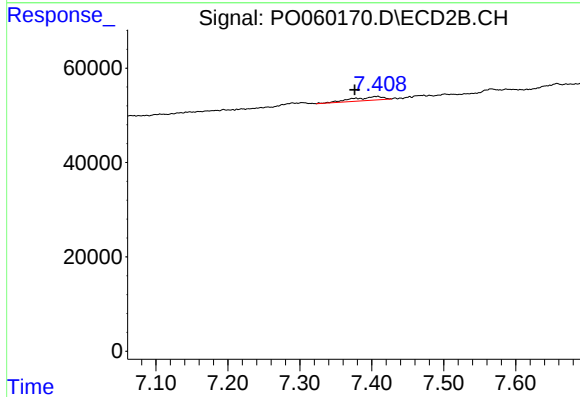
R.T.: 7.303 min
Delta R.T.: -0.007 min
Response: -59
Conc: N.D.



#39 AR-1262-4

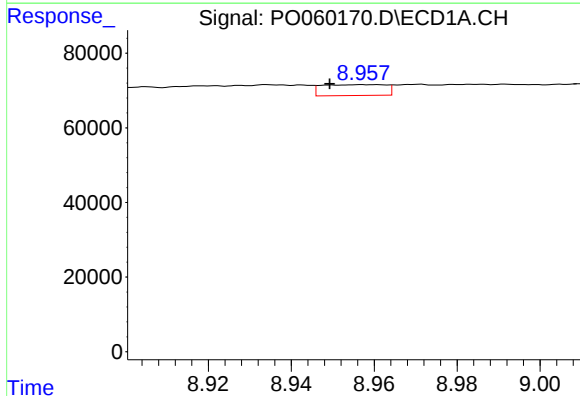
R.T.: 8.345 min
Delta R.T.: 0.003 min
Response: 97208
Conc: 25.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



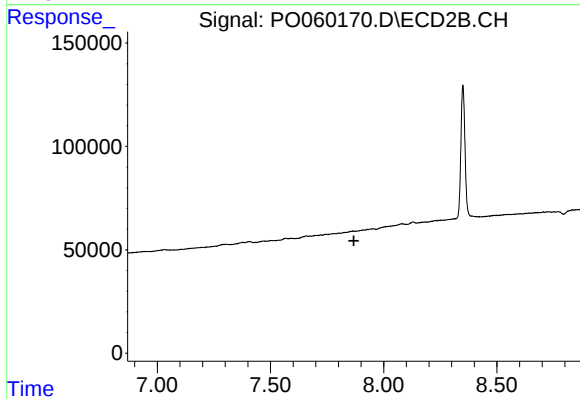
#39 AR-1262-4

R.T.: 7.408 min
Delta R.T.: 0.032 min
Response: 23594
Conc: 5.34 ng/ml



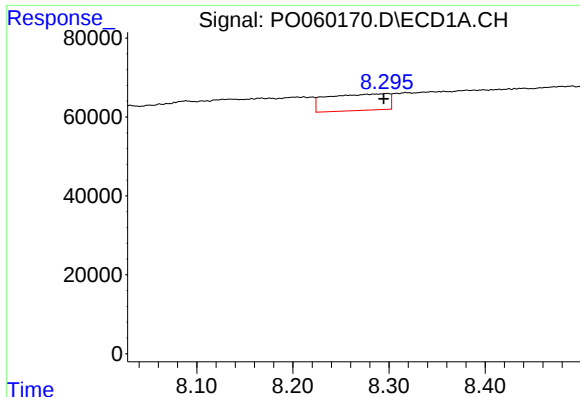
#40 AR-1262-5

R.T.: 8.959 min
Delta R.T.: 0.009 min
Response: 31110
Conc: 12.12 ng/ml



#40 AR-1262-5

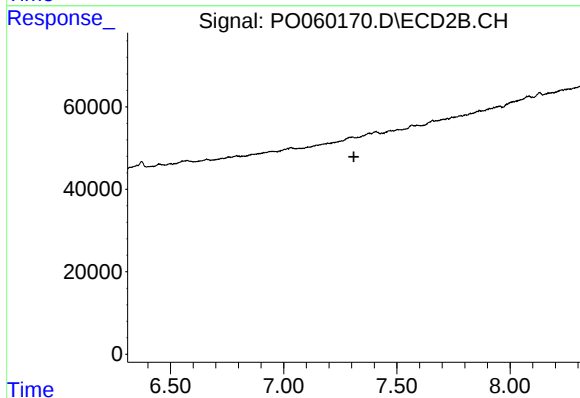
R.T.: 0.000 min
Exp R.T.: 7.868 min
Response: 0
Conc: N.D.



#41 AR-1268-1

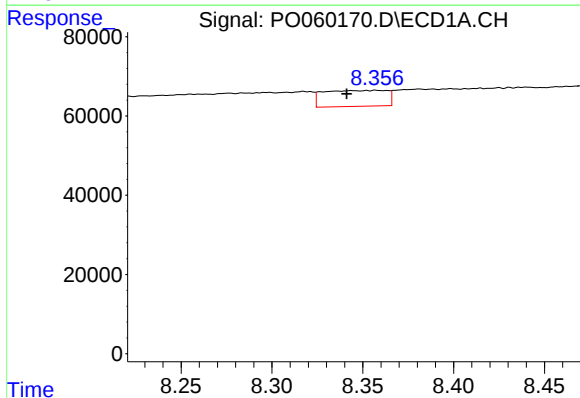
R.T.: 8.298 min
Delta R.T.: 0.004 min
Response: 184677
Conc: 19.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



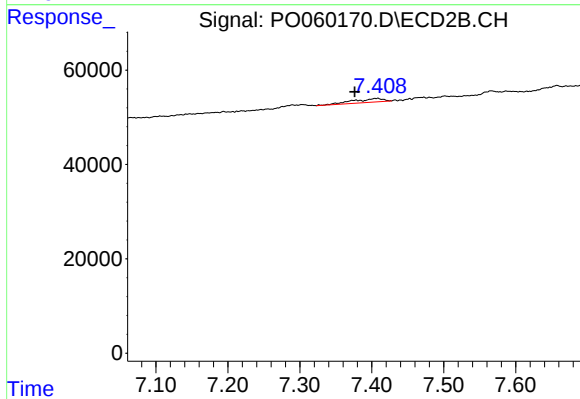
#41 AR-1268-1

R.T.: 7.303 min
Delta R.T.: -0.007 min
Response: -59
Conc: N.D.



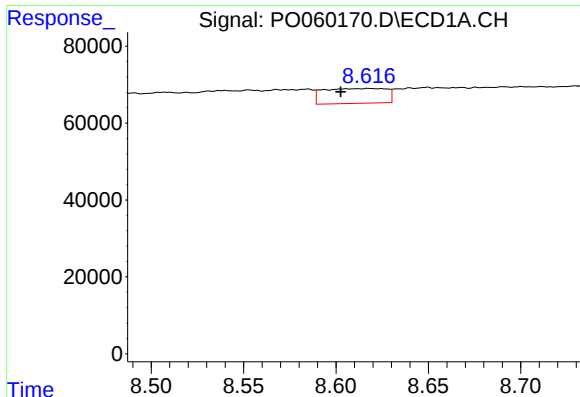
#42 AR-1268-2

R.T.: 8.345 min
Delta R.T.: 0.003 min
Response: 97208
Conc: 12.33 ng/ml



#42 AR-1268-2

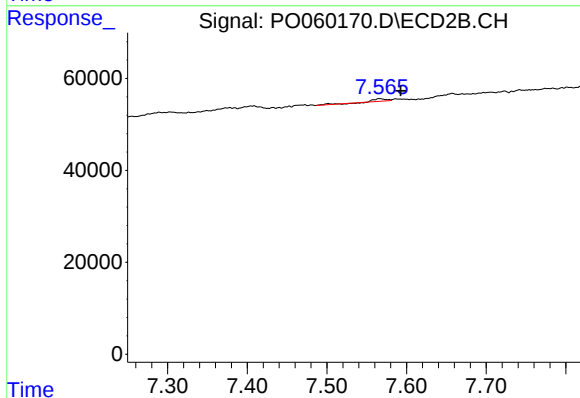
R.T.: 7.408 min
Delta R.T.: 0.032 min
Response: 23594
Conc: 3.66 ng/ml



#43 AR-1268-3

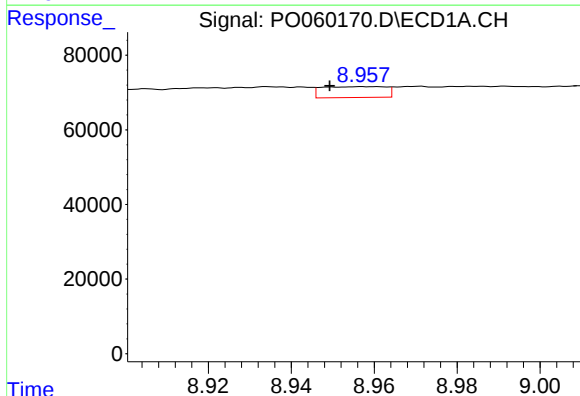
R.T.: 8.618 min
Delta R.T.: 0.015 min
Response: 91889
Conc: 13.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



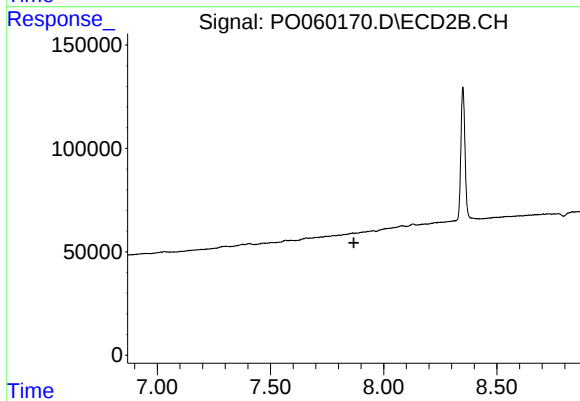
#43 AR-1268-3

R.T.: 7.566 min
Delta R.T.: -0.026 min
Response: 6506
Conc: 1.19 ng/ml



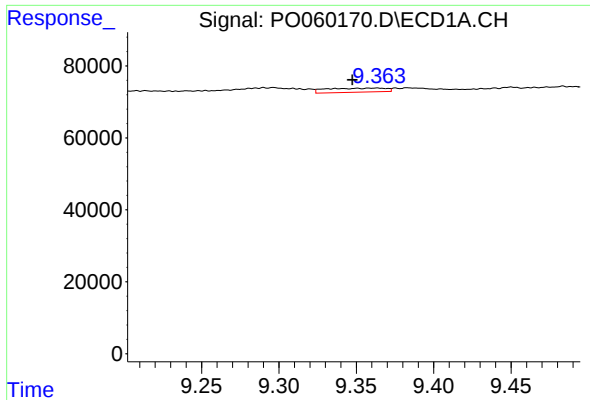
#44 AR-1268-4

R.T.: 8.959 min
Delta R.T.: 0.009 min
Response: 31110
Conc: 11.19 ng/ml



#44 AR-1268-4

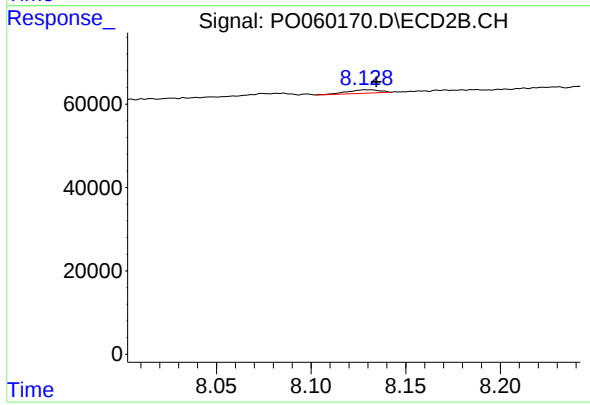
R.T.: 0.000 min
Exp R.T.: 7.868 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.364 min
Delta R.T.: 0.016 min
Response: 30029
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.130 min
Delta R.T.: -0.005 min
Response: 10007
Conc: 0.69 ng/ml