

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
 Data File : P0060455.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Sep 2019 22:28
 Operator : SM/AJ
 Sample : K4692-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 23:10:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 06 17:58:59 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...	4.102	3.486	1105724	825456	31.581	22.932 #
2)	SA Decachlor...	9.546	8.333	520276	376923	9.780	9.348
Target Compounds							
3)	L1 AR-1016-1	5.297	4.542	1459839	3116212	910.195	2304.992 #
4)	L1 AR-1016-2	5.297	4.542	1459839	3116212	610.174	1555.766 #
5)	L1 AR-1016-3	5.350	4.670	139018	192298	93.331	177.748 #
6)	L1 AR-1016-4	5.444	4.776	24392	352242	20.163	390.083 #
8)	L2 AR-1221-1	4.444	0.000	256296	0	605.227	N.D. #
9)	L2 AR-1221-2	4.444	0.000	256296	0	789.103	N.D. #
10)	L2 AR-1221-3	4.523	3.912	173552	493114	164.995	503.976 #
11)	L3 AR-1232-1	4.523	3.912	173552	493114	139.239	432.507 #
12)	L3 AR-1232-2	5.011	4.587	2157738	1180929	3054.572	927.256 #
13)	L3 AR-1232-3	5.297	4.776	1459839	352242	953.292	517.310 #
14)	L3 AR-1232-4	5.522	4.830	111592	352003	142.722	576.999 #
15)	L3 AR-1232-5	5.564	4.967	1665841	157809	2771.186	231.821 #
16)	L4 AR-1242-1	5.297	4.587	1459839	1180929	1149.917	1148.026
17)	L4 AR-1242-2	5.297	4.587	1459839	1180929	786.699	775.353
18)	L4 AR-1242-3	5.350	4.776	139018	352242	118.937	421.593 #
19)	L4 AR-1242-4	5.522	4.830	111592	352003	115.296	421.871 #
20)	L4 AR-1242-5	0.000	5.306	0	10902197	N.D.	9746.260 #
21)	L5 AR-1248-1	5.297	4.542	1459839	3116212	1456.122	3763.430 #
22)	L5 AR-1248-2	5.522	4.776	111592	352242	76.912	305.467 #
24)	L5 AR-1248-4	0.000	4.967	0	157809	N.D.	108.603 #
25)	L5 AR-1248-5	0.000	5.306	0	10902197	N.D.	7617.064 #
26)	L6 AR-1254-1	0.000	5.306	0	10902197	N.D.	4596.587 #
28)	L6 AR-1254-3	6.692	0.000	195371	0	55.058	N.D. #
29)	L6 AR-1254-4	6.954	6.019	21716	138028	7.372	66.944 #
30)	L6 AR-1254-5	7.356	6.480	177224	54273	57.310	17.479 #
31)	L7 AR-1260-1	6.824	5.988	93423	42762	34.655	18.764 #
32)	L7 AR-1260-2	7.070	0.000	187770	0	50.605	N.D. #
33)	L7 AR-1260-3	7.426	0.000	144025	0	43.959	N.D. #
34)	L7 AR-1260-4	7.651	0.000	181813	0	59.197	N.D. #
35)	L7 AR-1260-5	7.962	7.012	445659	81891	62.938	14.880 #
36)	L8 AR-1262-1	7.496	6.480	79128	54273	16.305	14.560
37)	L8 AR-1262-2	0.000	7.012	0	81891	N.D.	13.929 #
38)	L8 AR-1262-3	8.325	7.286	222159	62201	43.541	24.479 #
39)	L8 AR-1262-4	8.325	7.352	222159	35318	57.633	7.992 #
40)	L8 AR-1262-5	0.000	7.847	0	22192	N.D.	12.291 #
41)	L9 AR-1268-1	8.325	7.286	222159	62201	23.607	8.735 #
42)	L9 AR-1268-2	8.325	7.352	222159	35318	28.183	5.477 #
43)	L9 AR-1268-3	8.668	7.550	209192	11569	29.678	2.114 #
44)	L9 AR-1268-4	0.000	7.847	0	22192	N.D.	10.872 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
Data File : P0060455.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 06 Sep 2019 22:28
Operator : SM/AJ
Sample : K4692-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

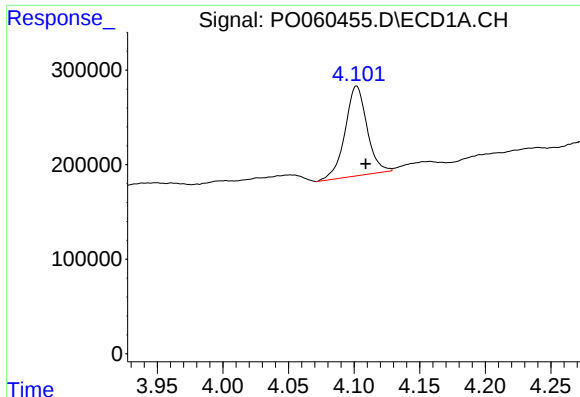
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 23:10:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 17:58:59 2019
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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

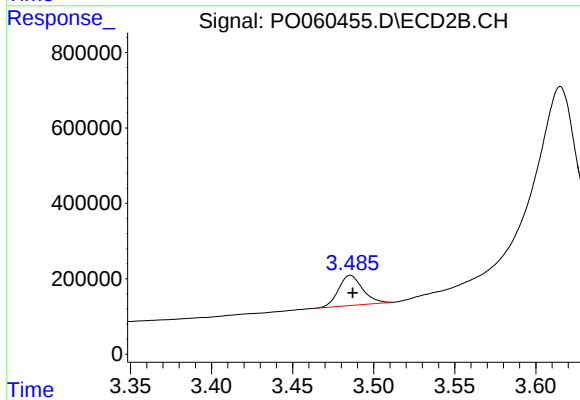
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

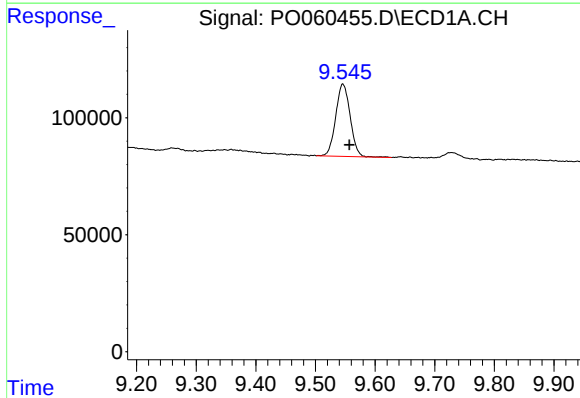
R.T.: 4.102 min
Delta R.T.: -0.007 min
Response: 1105724
Conc: 31.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



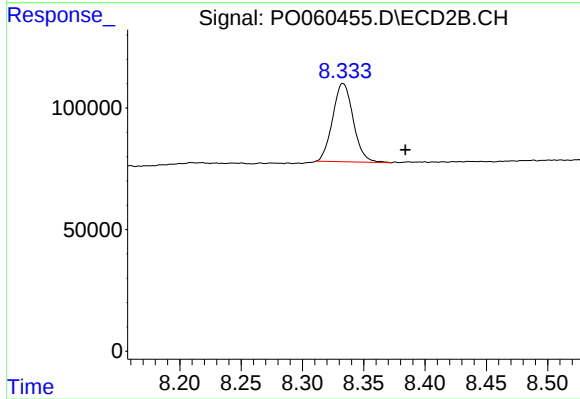
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: -0.001 min
Response: 825456
Conc: 22.93 ng/ml



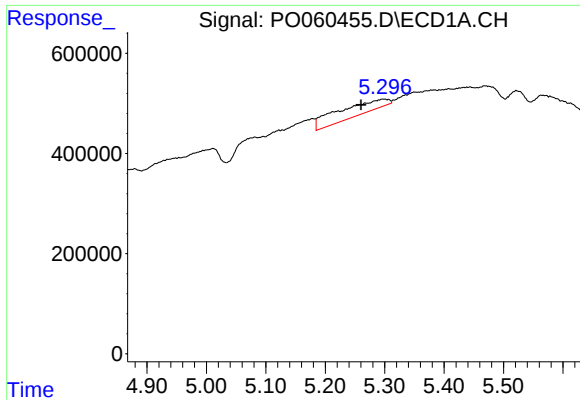
#2 Decachlorobiphenyl

R.T.: 9.546 min
Delta R.T.: -0.011 min
Response: 520276
Conc: 9.78 ng/ml



#2 Decachlorobiphenyl

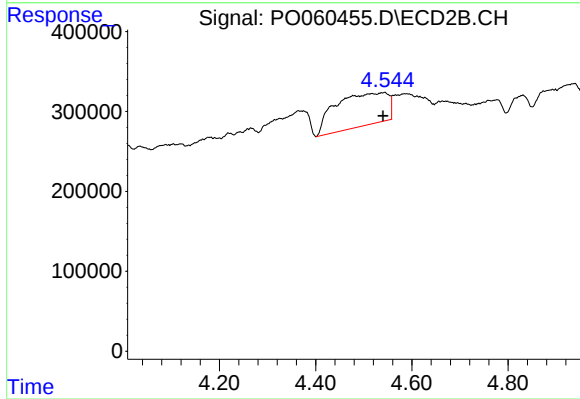
R.T.: 8.333 min
Delta R.T.: -0.051 min
Response: 376923
Conc: 9.35 ng/ml



#3 AR-1016-1

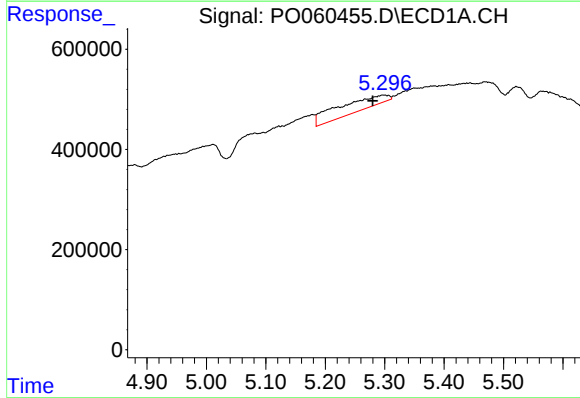
R.T.: 5.297 min
Delta R.T.: 0.037 min
Response: 1459839
Conc: 910.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



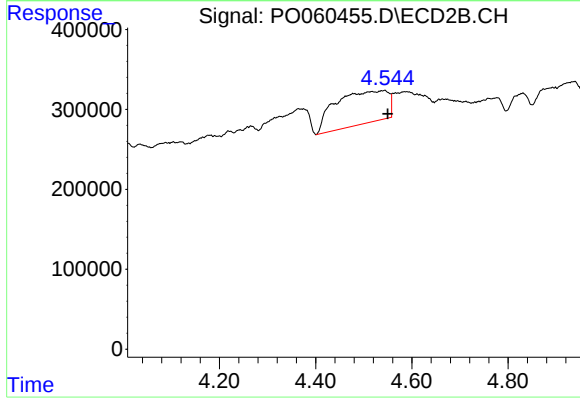
#3 AR-1016-1

R.T.: 4.542 min
Delta R.T.: 0.002 min
Response: 3116212
Conc: 2304.99 ng/ml



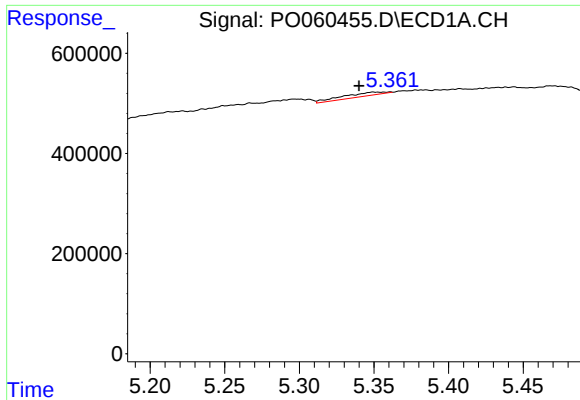
#4 AR-1016-2

R.T.: 5.297 min
Delta R.T.: 0.017 min
Response: 1459839
Conc: 610.17 ng/ml



#4 AR-1016-2

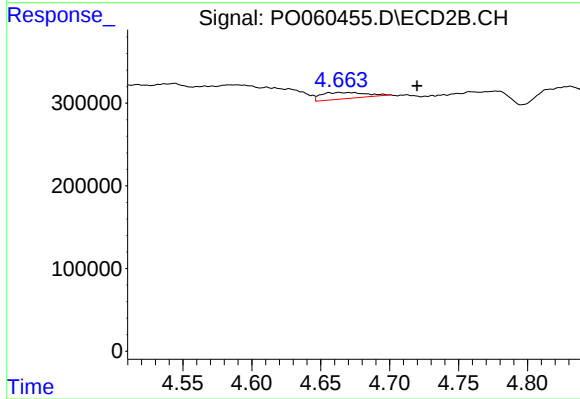
R.T.: 4.542 min
Delta R.T.: -0.008 min
Response: 3116212
Conc: 1555.77 ng/ml



#5 AR-1016-3

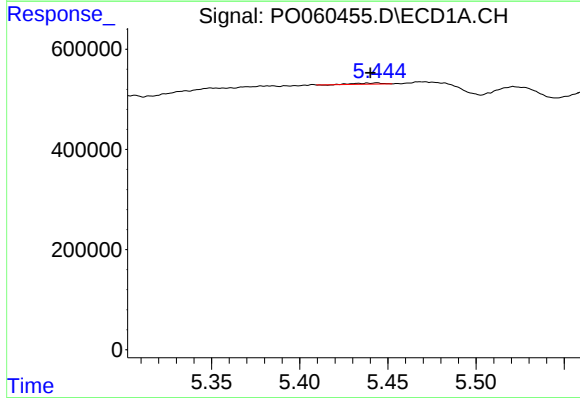
R.T.: 5.350 min
Delta R.T.: 0.010 min
Response: 139018
Conc: 93.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



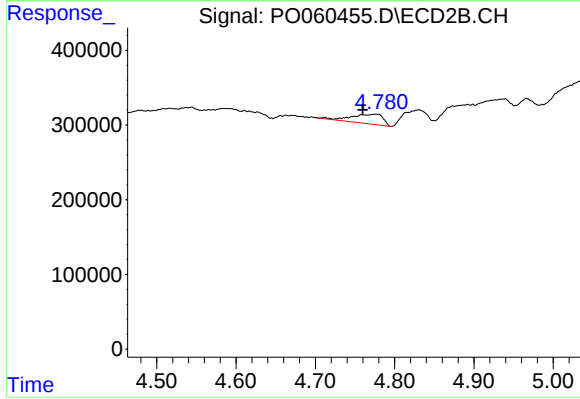
#5 AR-1016-3

R.T.: 4.670 min
Delta R.T.: -0.050 min
Response: 192298
Conc: 177.75 ng/ml



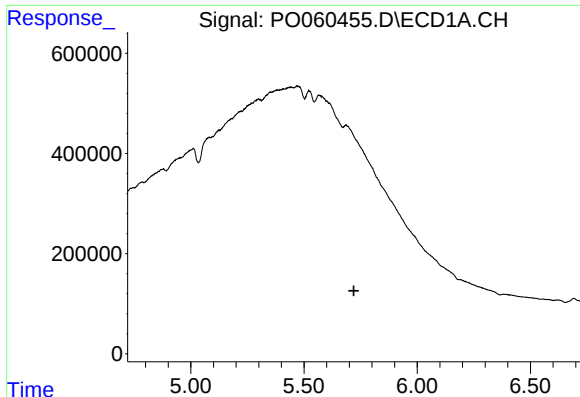
#6 AR-1016-4

R.T.: 5.444 min
Delta R.T.: 0.004 min
Response: 24392
Conc: 20.16 ng/ml



#6 AR-1016-4

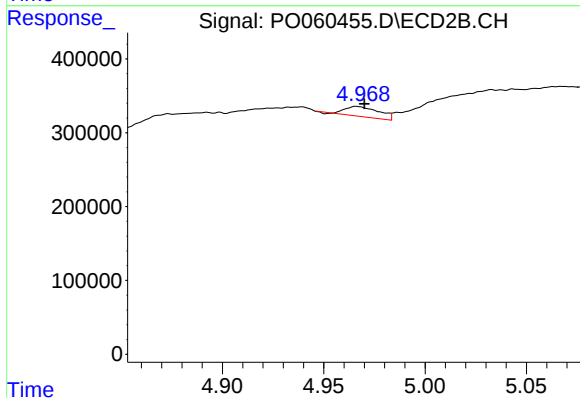
R.T.: 4.776 min
Delta R.T.: 0.016 min
Response: 352242
Conc: 390.08 ng/ml



#7 AR-1016-5

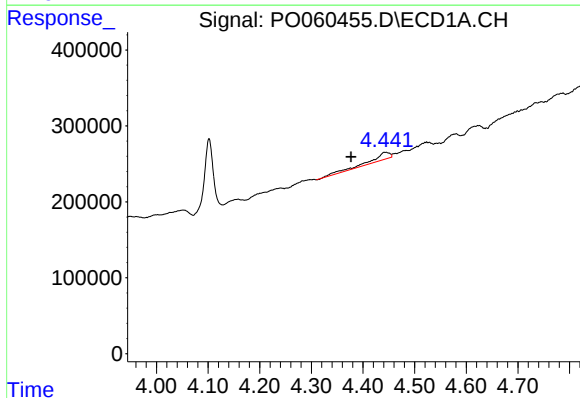
R.T.: 5.685 min
Delta R.T.: -0.035 min
Response: -13775605
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



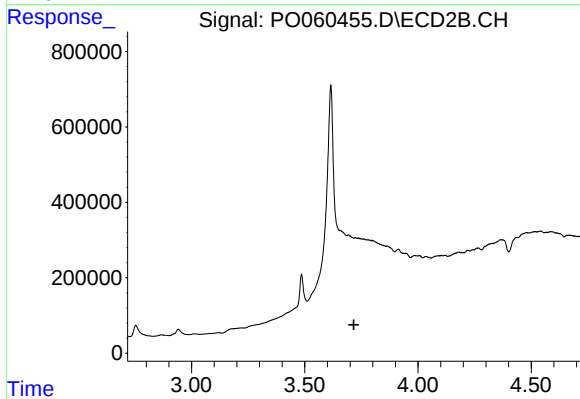
#7 AR-1016-5

R.T.: 4.967 min
Delta R.T.: -0.003 min
Response: 157809
Conc: 137.00 ng/ml



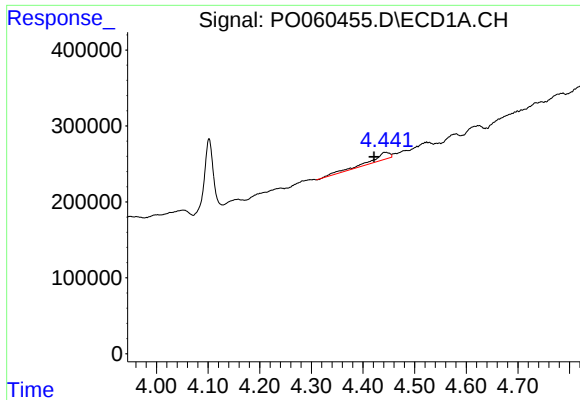
#8 AR-1221-1

R.T.: 4.444 min
Delta R.T.: 0.067 min
Response: 256296
Conc: 605.23 ng/ml



#8 AR-1221-1

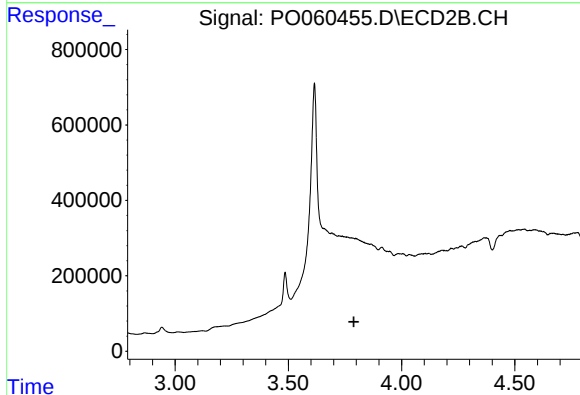
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

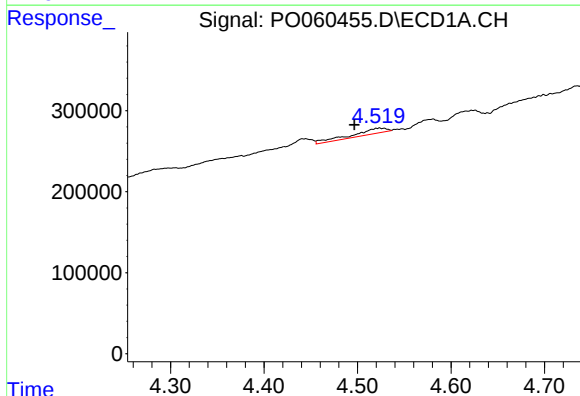
R.T.: 4.444 min
Delta R.T.: 0.022 min
Response: 256296
Conc: 789.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



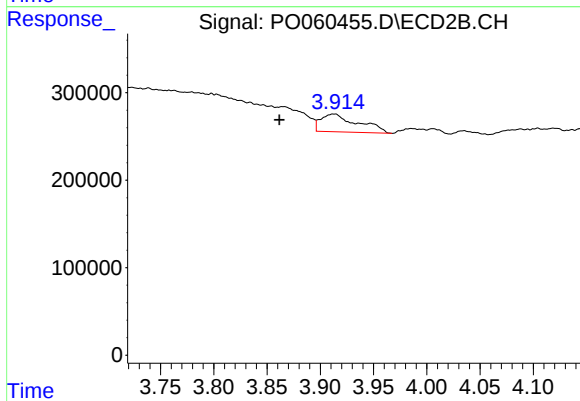
#9 AR-1221-2

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



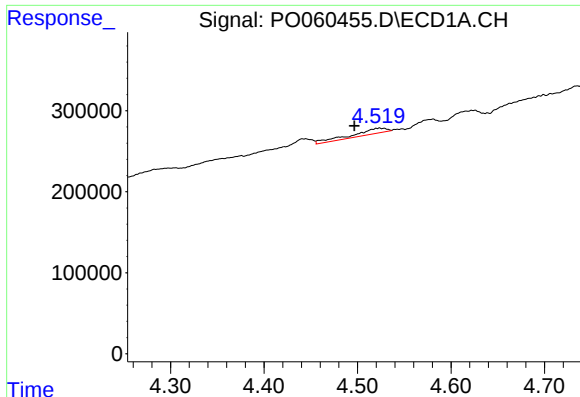
#10 AR-1221-3

R.T.: 4.523 min
Delta R.T.: 0.026 min
Response: 173552
Conc: 164.99 ng/ml



#10 AR-1221-3

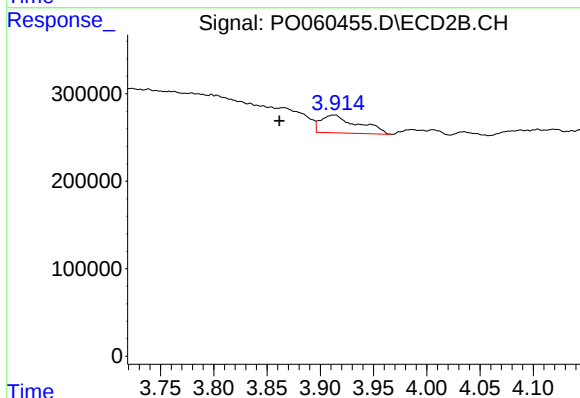
R.T.: 3.912 min
Delta R.T.: 0.051 min
Response: 493114
Conc: 503.98 ng/ml



#11 AR-1232-1

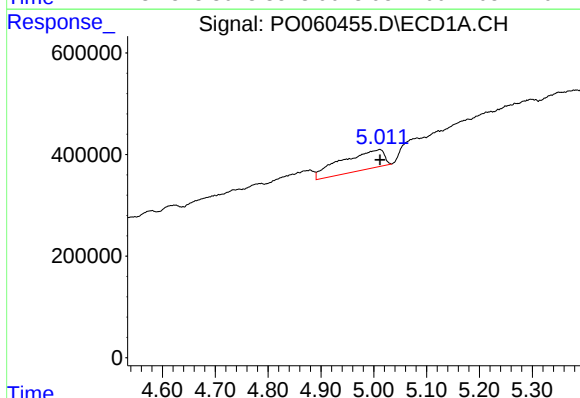
R.T.: 4.523 min
Delta R.T.: 0.026 min
Response: 173552
Conc: 139.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



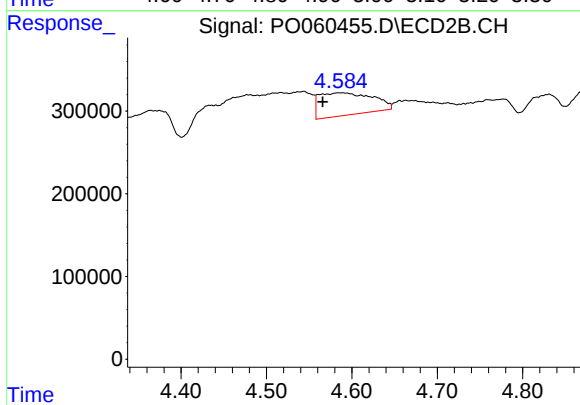
#11 AR-1232-1

R.T.: 3.912 min
Delta R.T.: 0.051 min
Response: 493114
Conc: 432.51 ng/ml



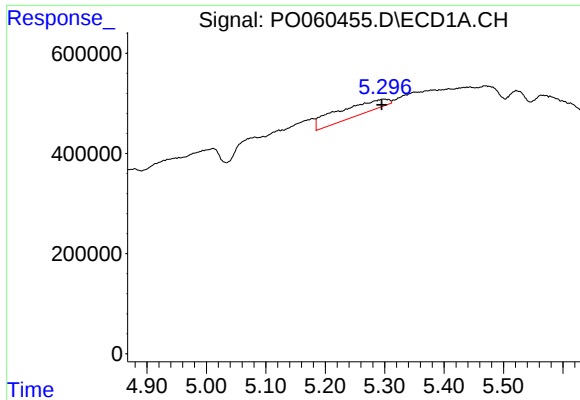
#12 AR-1232-2

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 2157738
Conc: 3054.57 ng/ml



#12 AR-1232-2

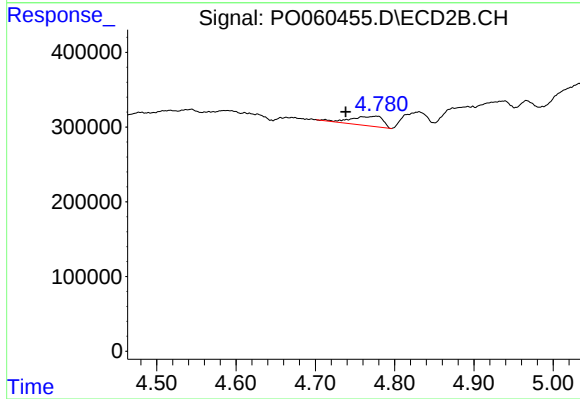
R.T.: 4.587 min
Delta R.T.: 0.021 min
Response: 1180929
Conc: 927.26 ng/ml



#13 AR-1232-3

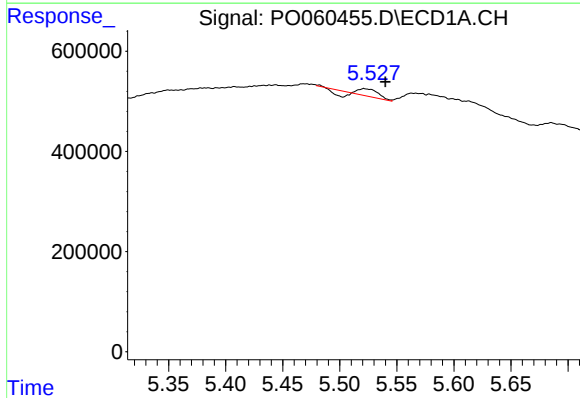
R.T.: 5.297 min
Delta R.T.: 0.002 min
Response: 1459839
Conc: 953.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



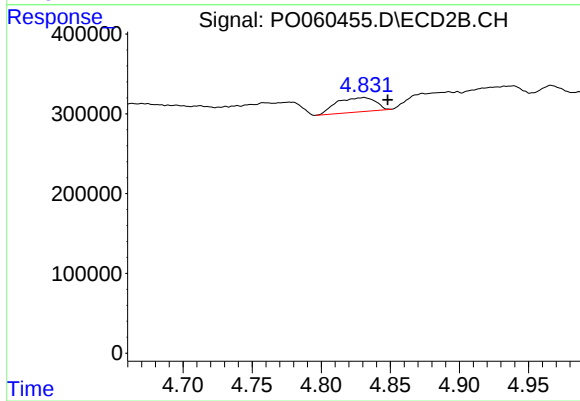
#13 AR-1232-3

R.T.: 4.776 min
Delta R.T.: 0.038 min
Response: 352242
Conc: 517.31 ng/ml



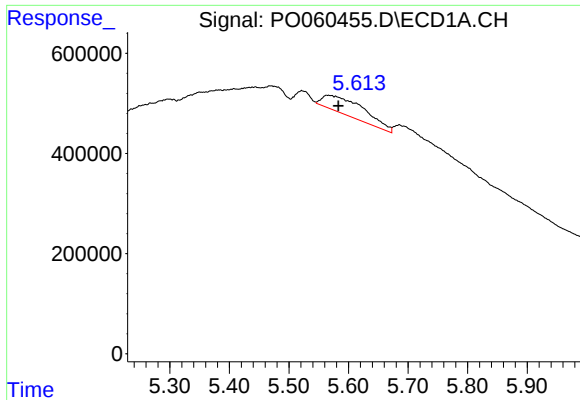
#14 AR-1232-4

R.T.: 5.522 min
Delta R.T.: -0.018 min
Response: 111592
Conc: 142.72 ng/ml



#14 AR-1232-4

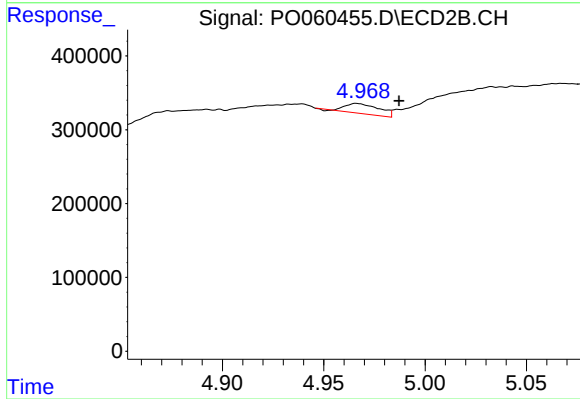
R.T.: 4.830 min
Delta R.T.: -0.018 min
Response: 352003
Conc: 577.00 ng/ml



#15 AR-1232-5

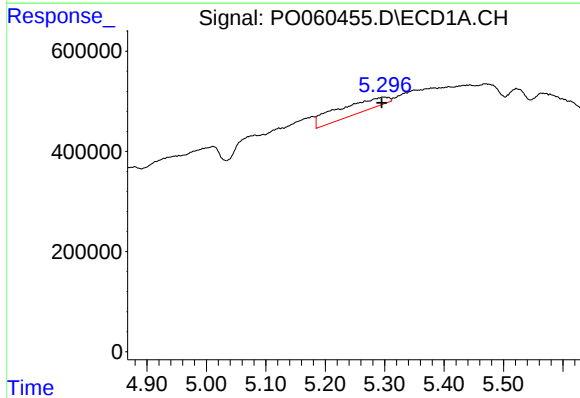
R.T.: 5.564 min
Delta R.T.: -0.019 min
Response: 1665841
Conc: 2771.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



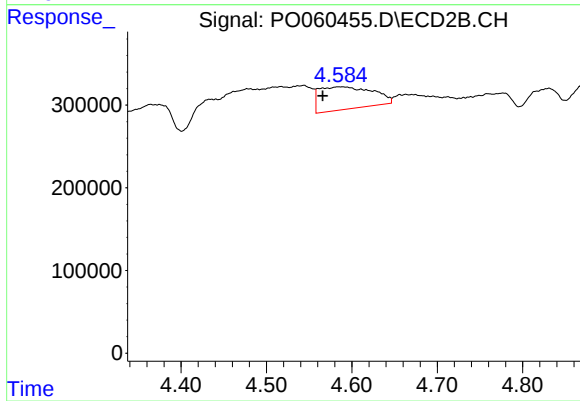
#15 AR-1232-5

R.T.: 4.967 min
Delta R.T.: -0.020 min
Response: 157809
Conc: 231.82 ng/ml



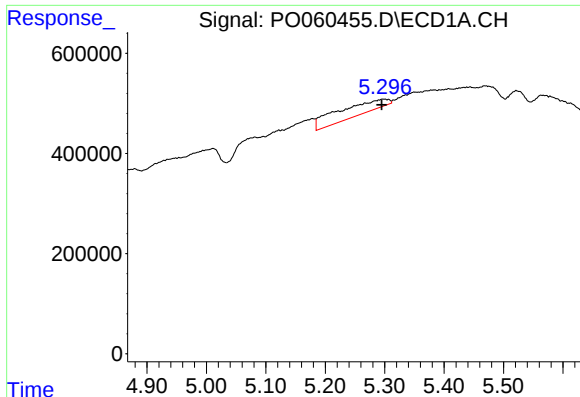
#16 AR-1242-1

R.T.: 5.297 min
Delta R.T.: 0.002 min
Response: 1459839
Conc: 1149.92 ng/ml



#16 AR-1242-1

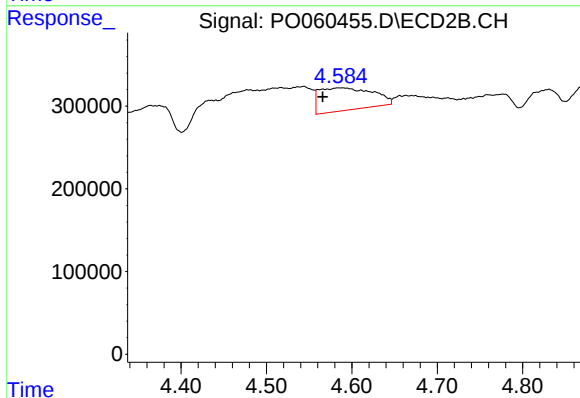
R.T.: 4.587 min
Delta R.T.: 0.021 min
Response: 1180929
Conc: 1148.03 ng/ml



#17 AR-1242-2

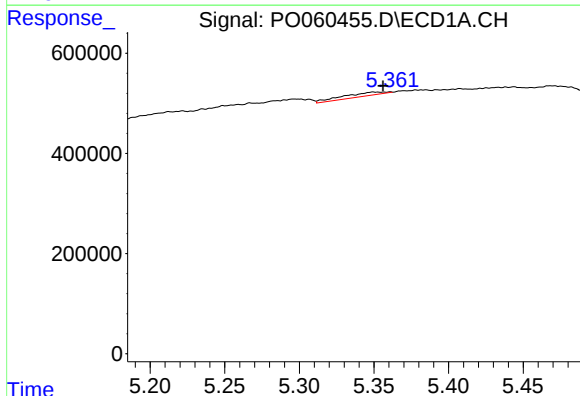
R.T.: 5.297 min
Delta R.T.: 0.002 min
Response: 1459839
Conc: 786.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



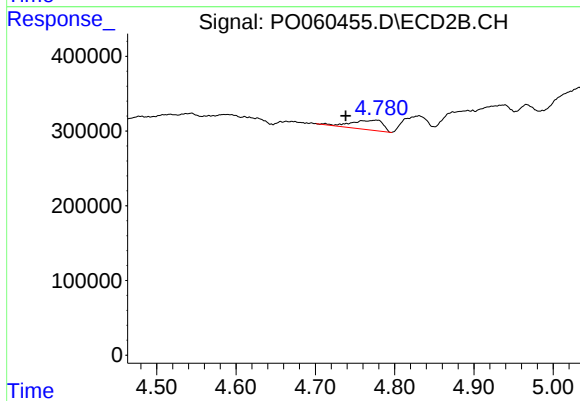
#17 AR-1242-2

R.T.: 4.587 min
Delta R.T.: 0.021 min
Response: 1180929
Conc: 775.35 ng/ml



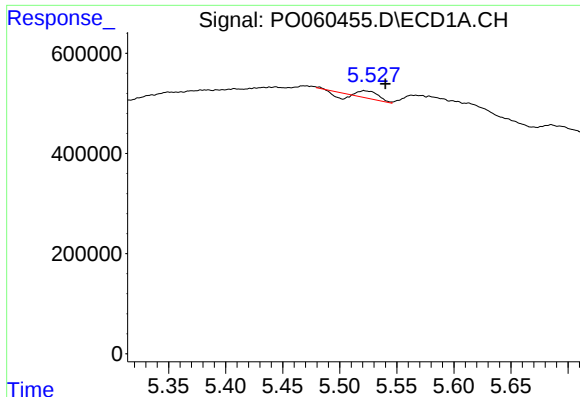
#18 AR-1242-3

R.T.: 5.350 min
Delta R.T.: -0.006 min
Response: 139018
Conc: 118.94 ng/ml



#18 AR-1242-3

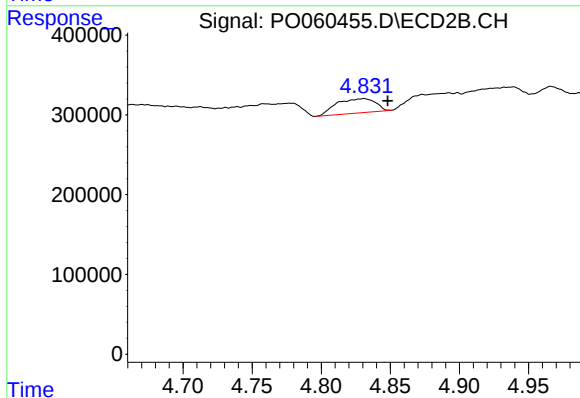
R.T.: 4.776 min
Delta R.T.: 0.038 min
Response: 352242
Conc: 421.59 ng/ml



#19 AR-1242-4

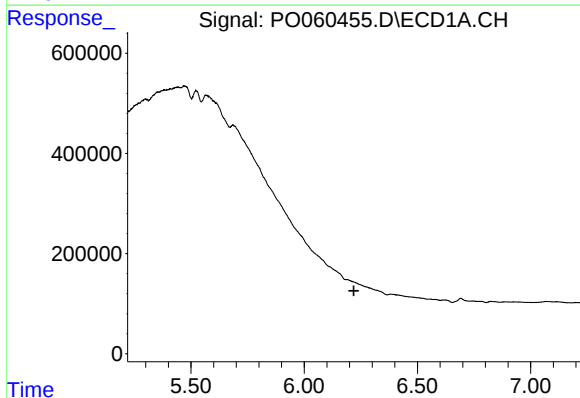
R.T.: 5.522 min
Delta R.T.: -0.018 min
Response: 111592
Conc: 115.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



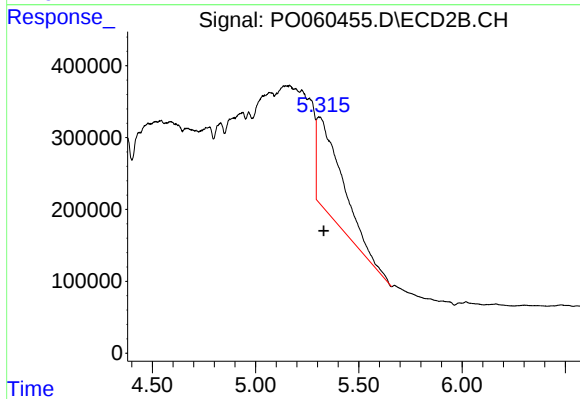
#19 AR-1242-4

R.T.: 4.830 min
Delta R.T.: -0.018 min
Response: 352003
Conc: 421.87 ng/ml



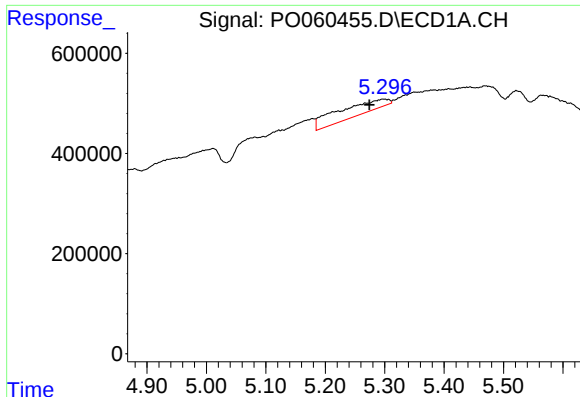
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.219 min
Response: 0
Conc: N.D.



#20 AR-1242-5

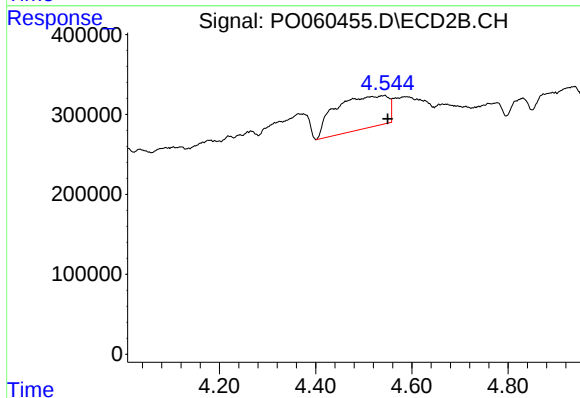
R.T.: 5.306 min
Delta R.T.: -0.023 min
Response: 10902197
Conc: 9746.26 ng/ml



#21 AR-1248-1

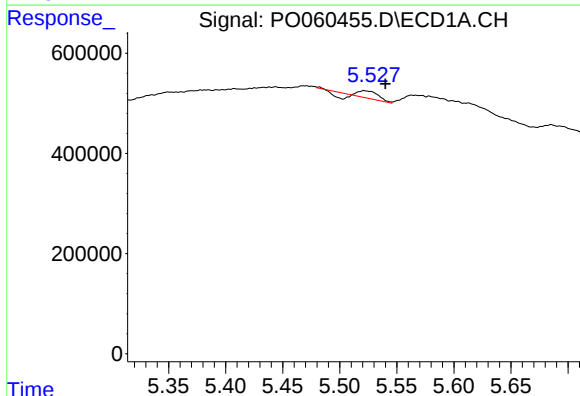
R.T.: 5.297 min
Delta R.T.: 0.023 min
Response: 1459839
Conc: 1456.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



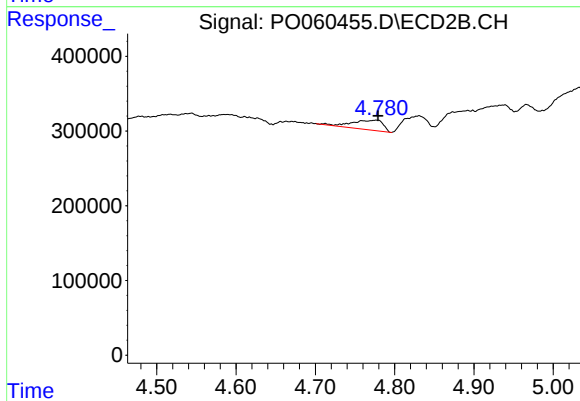
#21 AR-1248-1

R.T.: 4.542 min
Delta R.T.: -0.007 min
Response: 3116212
Conc: 3763.43 ng/ml



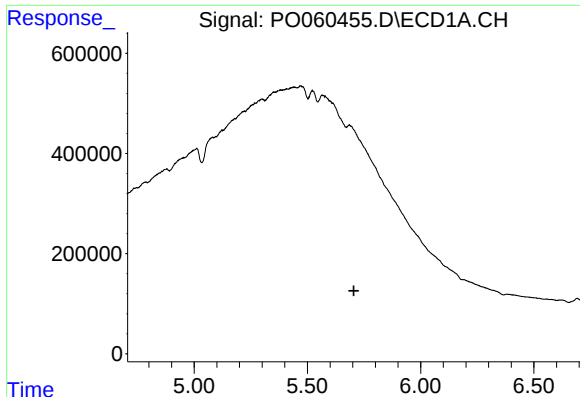
#22 AR-1248-2

R.T.: 5.522 min
Delta R.T.: -0.018 min
Response: 111592
Conc: 76.91 ng/ml



#22 AR-1248-2

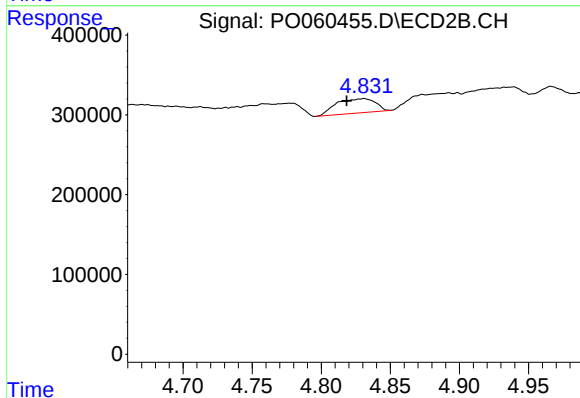
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 352242
Conc: 305.47 ng/ml



#23 AR-1248-3

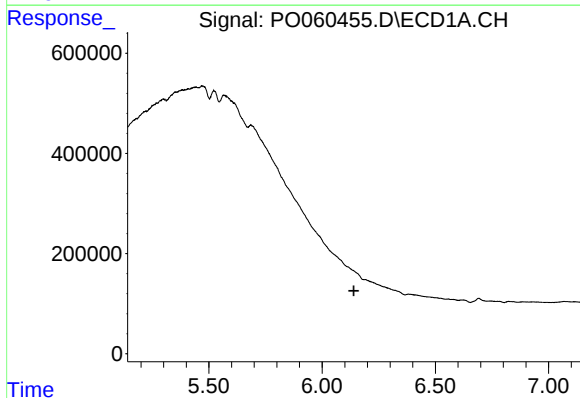
R.T.: 5.685 min
Delta R.T.: -0.020 min
Response: -13775605
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



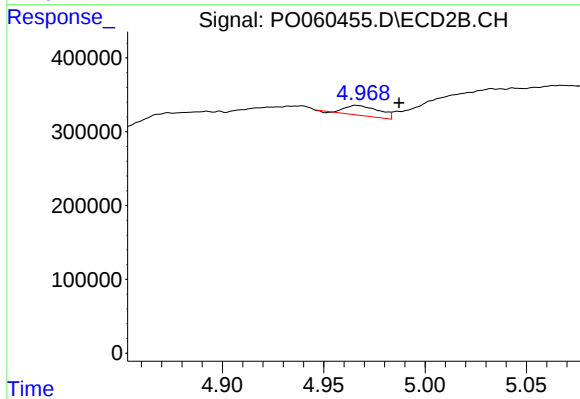
#23 AR-1248-3

R.T.: 4.830 min
Delta R.T.: 0.012 min
Response: 352003
Conc: 296.36 ng/ml



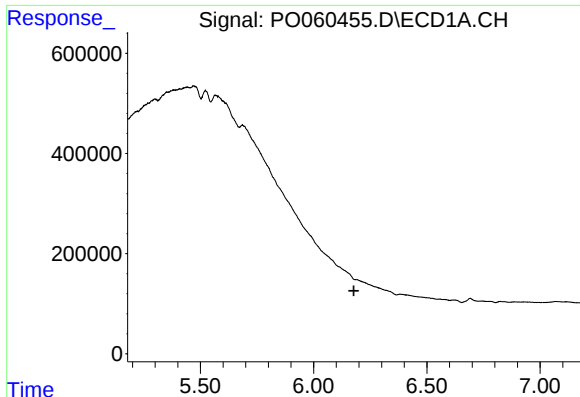
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.141 min
Response: 0
Conc: N.D.



#24 AR-1248-4

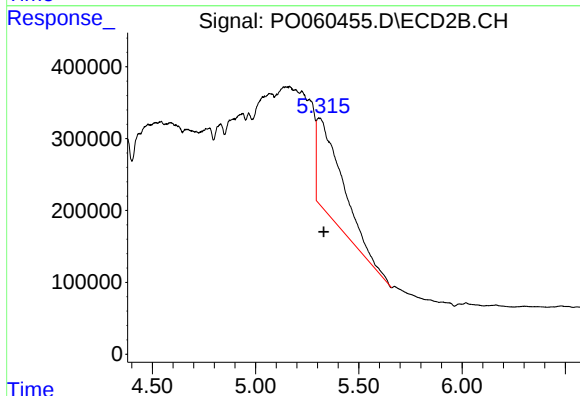
R.T.: 4.967 min
Delta R.T.: -0.020 min
Response: 157809
Conc: 108.60 ng/ml



#25 AR-1248-5

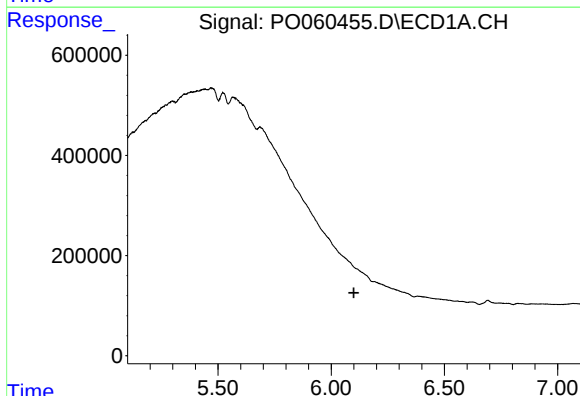
R.T.: 0.000 min
Exp R.T. : 6.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



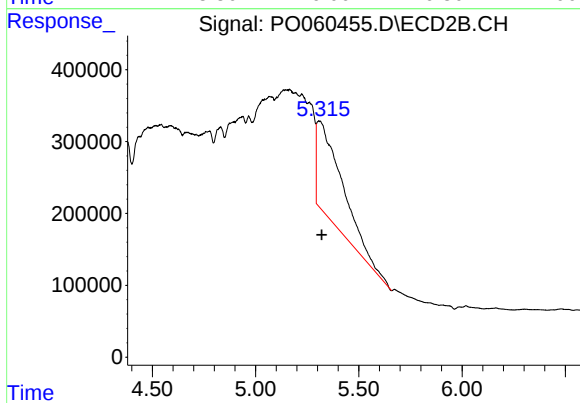
#25 AR-1248-5

R.T.: 5.306 min
Delta R.T.: -0.023 min
Response: 10902197
Conc: 7617.06 ng/ml



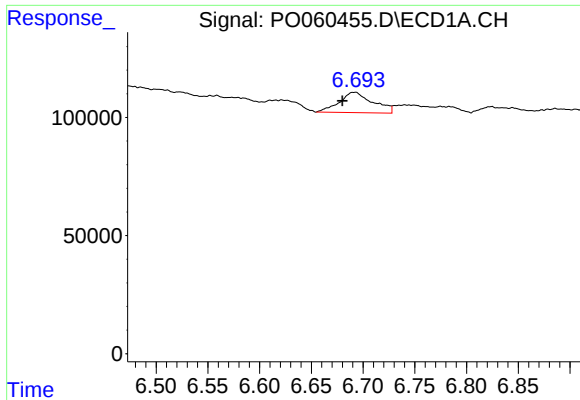
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.100 min
Response: 0
Conc: N.D.



#26 AR-1254-1

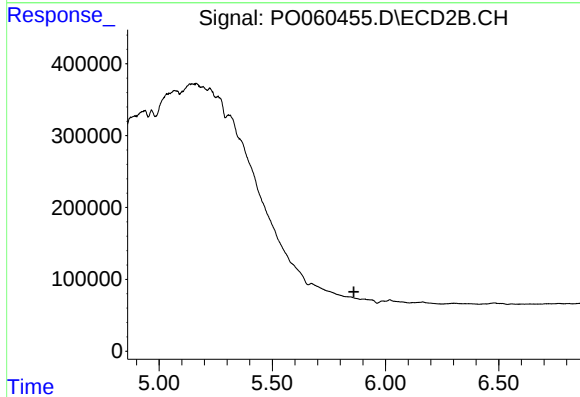
R.T.: 5.306 min
Delta R.T.: -0.014 min
Response: 10902197
Conc: 4596.59 ng/ml



#28 AR-1254-3

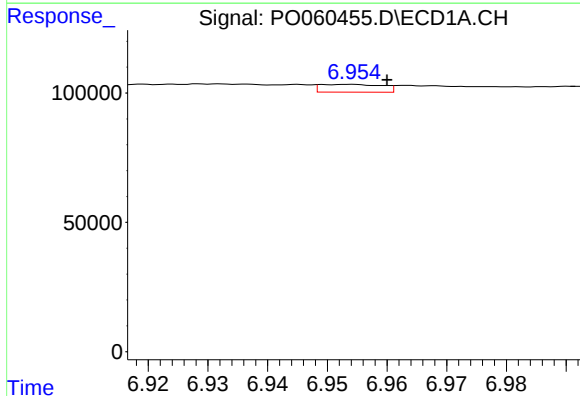
R.T.: 6.692 min
Delta R.T.: 0.012 min
Response: 195371
Conc: 55.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



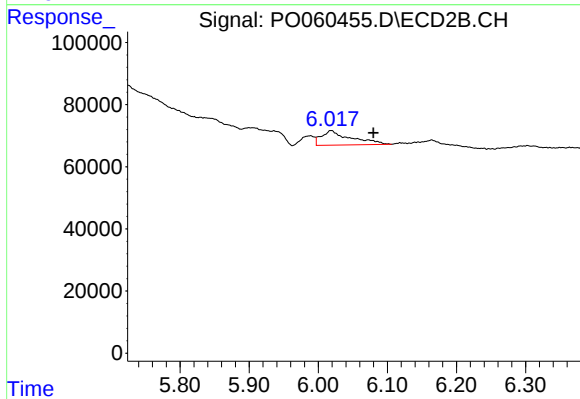
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.860 min
Response: 0
Conc: N.D.



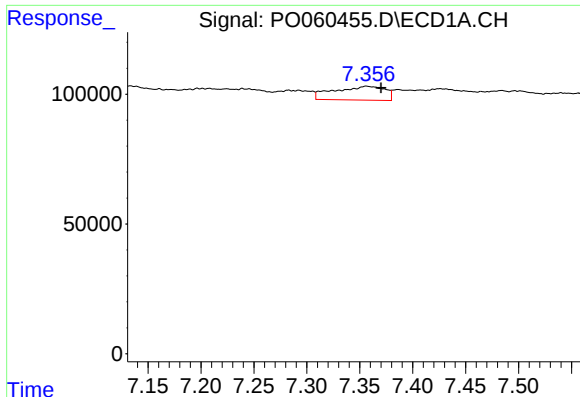
#29 AR-1254-4

R.T.: 6.954 min
Delta R.T.: -0.006 min
Response: 21716
Conc: 7.37 ng/ml



#29 AR-1254-4

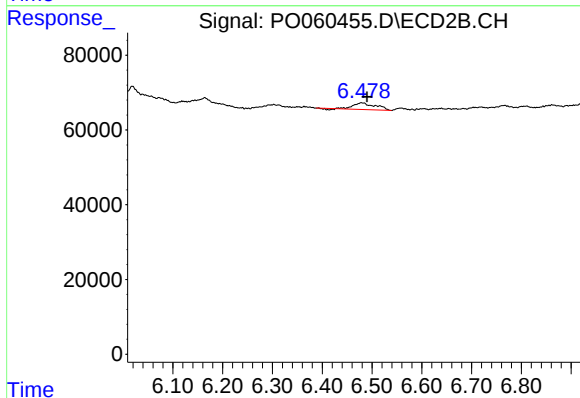
R.T.: 6.019 min
Delta R.T.: -0.061 min
Response: 138028
Conc: 66.94 ng/ml



#30 AR-1254-5

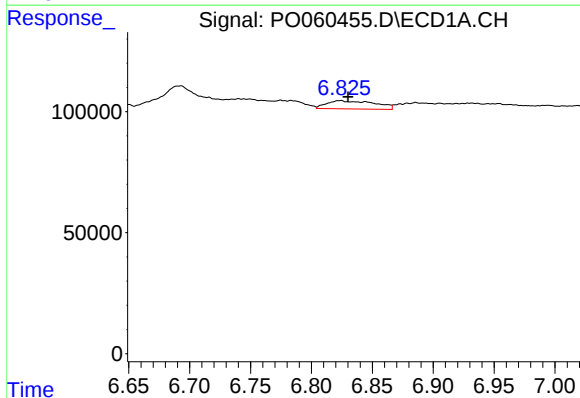
R.T.: 7.356 min
Delta R.T.: -0.014 min
Response: 177224
Conc: 57.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



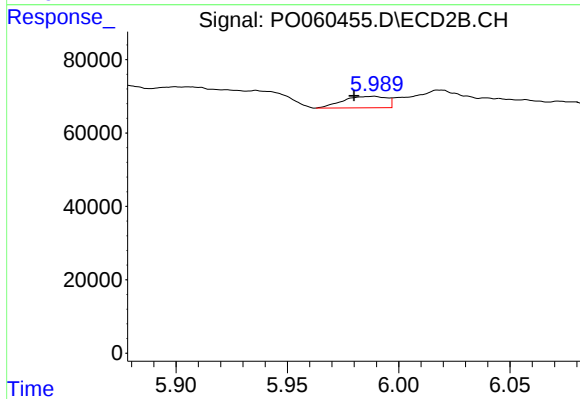
#30 AR-1254-5

R.T.: 6.480 min
Delta R.T.: -0.010 min
Response: 54273
Conc: 17.48 ng/ml



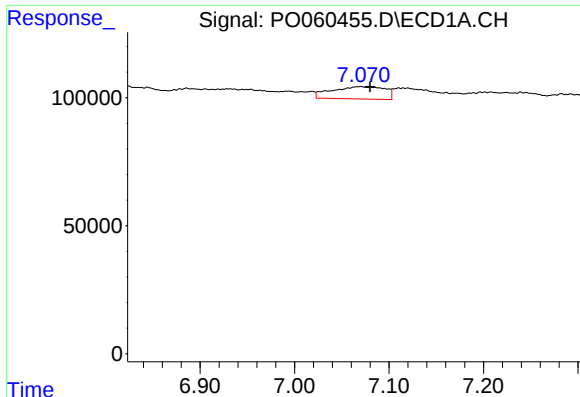
#31 AR-1260-1

R.T.: 6.824 min
Delta R.T.: -0.006 min
Response: 93423
Conc: 34.65 ng/ml



#31 AR-1260-1

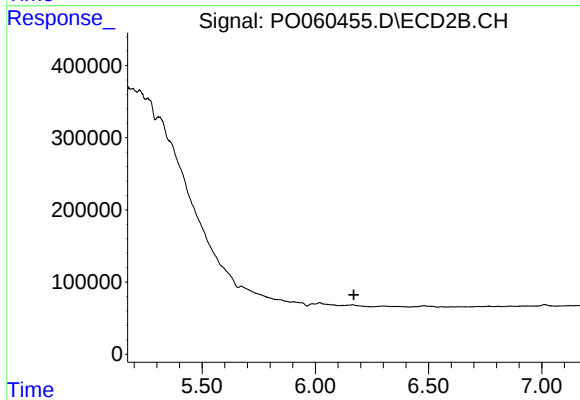
R.T.: 5.988 min
Delta R.T.: 0.008 min
Response: 42762
Conc: 18.76 ng/ml



#32 AR-1260-2

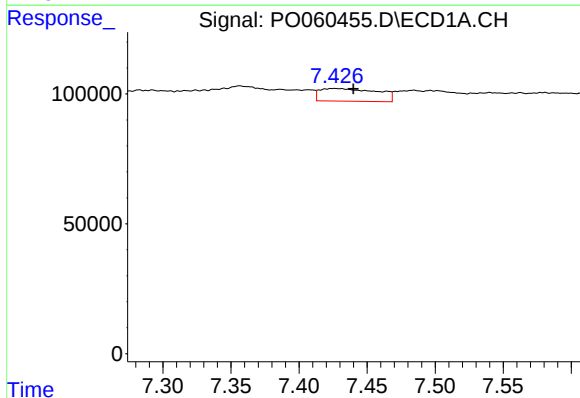
R.T.: 7.070 min
Delta R.T.: -0.010 min
Response: 187770
Conc: 50.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



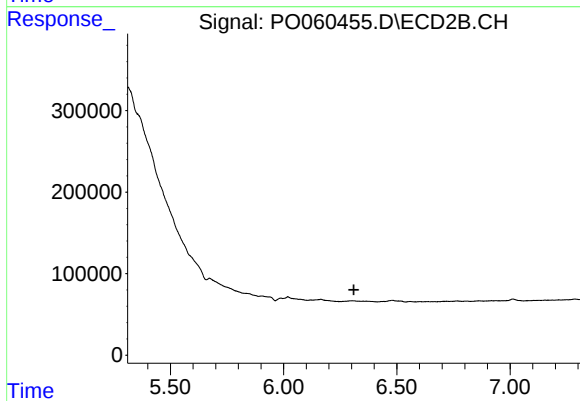
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.170 min
Response: 0
Conc: N.D.



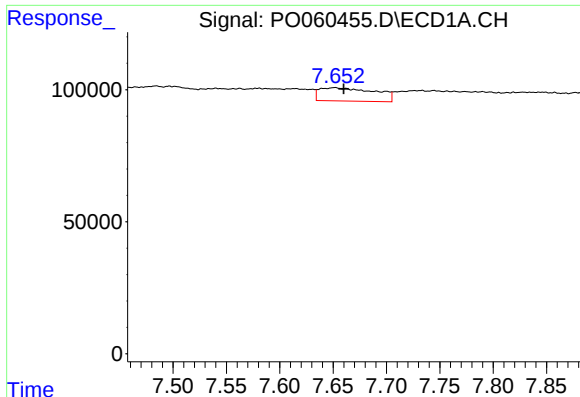
#33 AR-1260-3

R.T.: 7.426 min
Delta R.T.: -0.014 min
Response: 144025
Conc: 43.96 ng/ml



#33 AR-1260-3

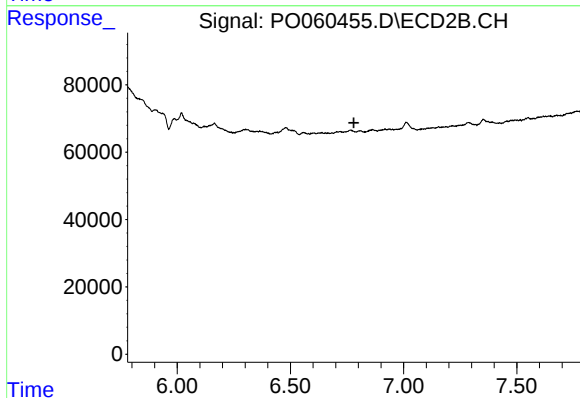
R.T.: 0.000 min
Exp R.T. : 6.310 min
Response: 0
Conc: N.D.



#34 AR-1260-4

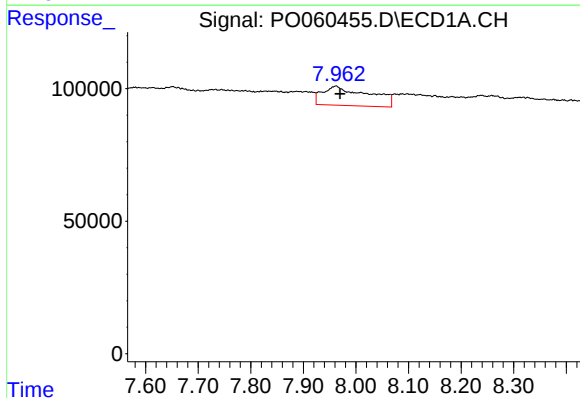
R.T.: 7.651 min
Delta R.T.: -0.009 min
Response: 181813
Conc: 59.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



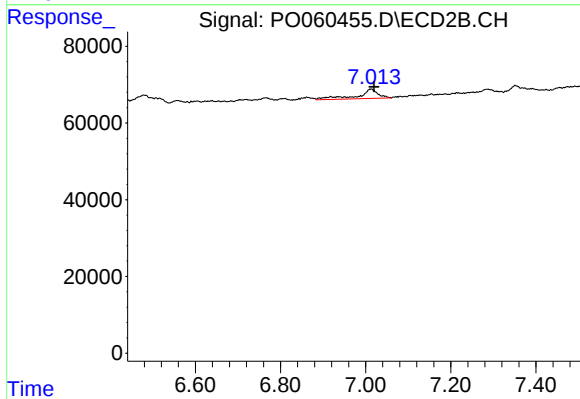
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.780 min
Response: 0
Conc: N.D.



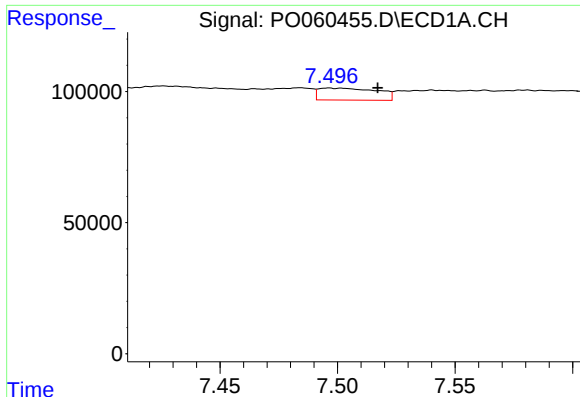
#35 AR-1260-5

R.T.: 7.962 min
Delta R.T.: -0.008 min
Response: 445659
Conc: 62.94 ng/ml



#35 AR-1260-5

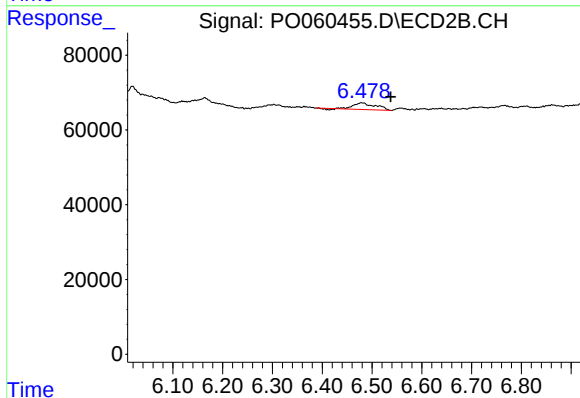
R.T.: 7.012 min
Delta R.T.: -0.008 min
Response: 81891
Conc: 14.88 ng/ml



#36 AR-1262-1

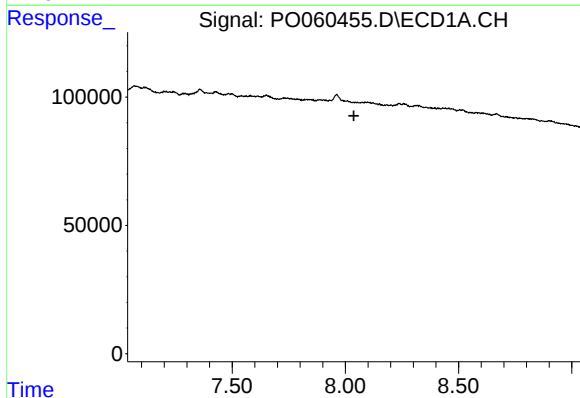
R.T.: 7.496 min
Delta R.T.: -0.021 min
Response: 79128
Conc: 16.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



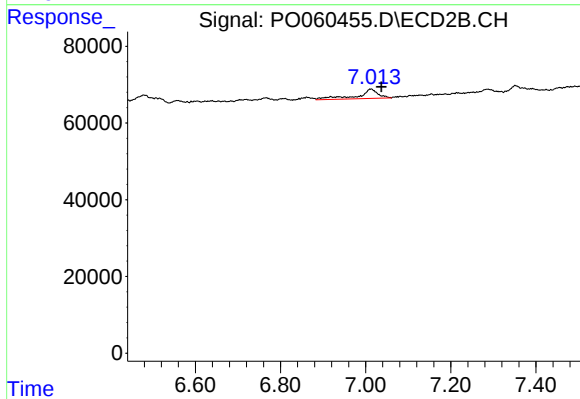
#36 AR-1262-1

R.T.: 6.480 min
Delta R.T.: -0.058 min
Response: 54273
Conc: 14.56 ng/ml



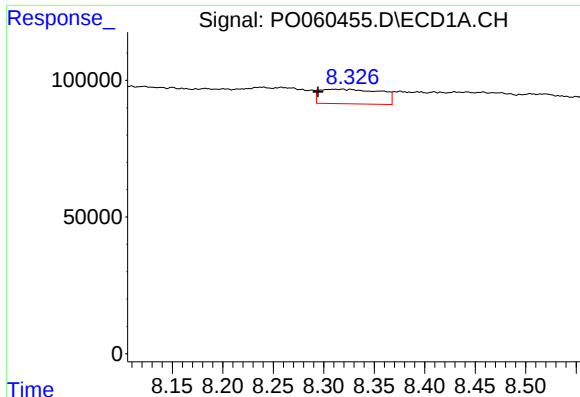
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.037 min
Response: 0
Conc: N.D.



#37 AR-1262-2

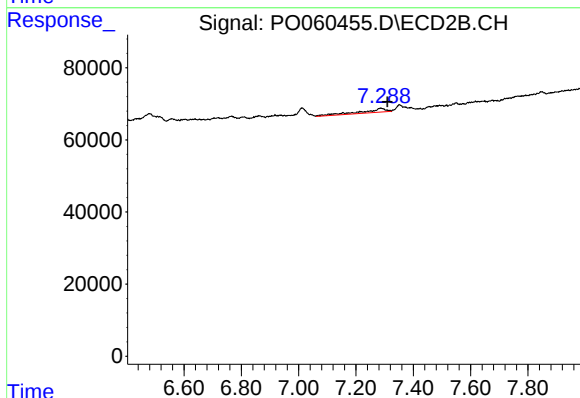
R.T.: 7.012 min
Delta R.T.: -0.025 min
Response: 81891
Conc: 13.93 ng/ml



#38 AR-1262-3

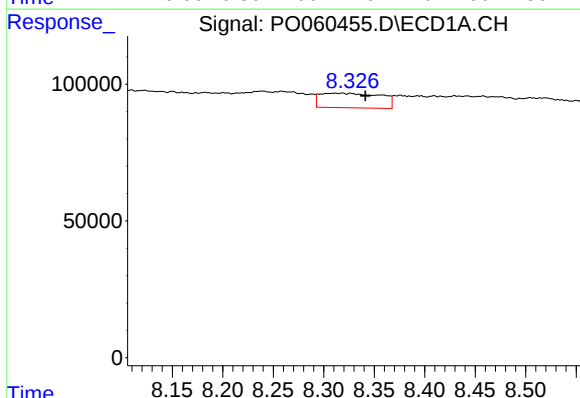
R.T.: 8.325 min
Delta R.T.: 0.031 min
Response: 222159
Conc: 43.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



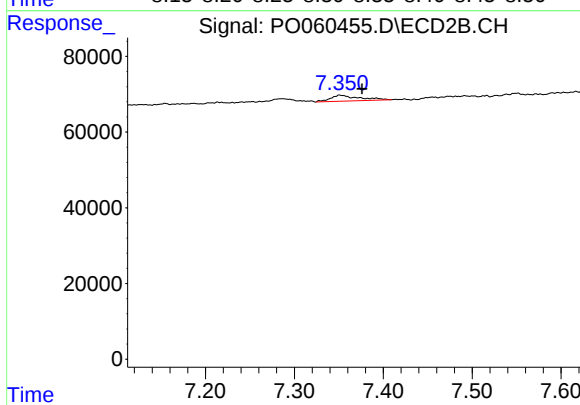
#38 AR-1262-3

R.T.: 7.286 min
Delta R.T.: -0.024 min
Response: 62201
Conc: 24.48 ng/ml



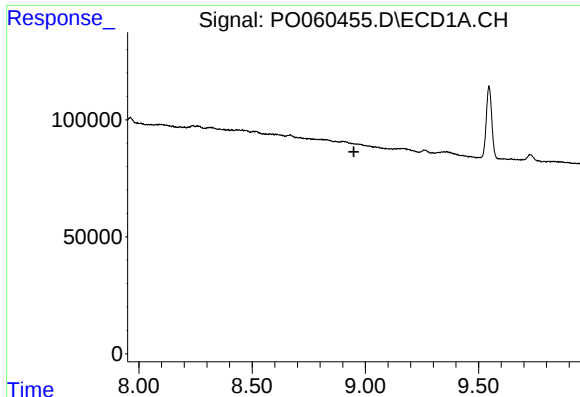
#39 AR-1262-4

R.T.: 8.325 min
Delta R.T.: -0.016 min
Response: 222159
Conc: 57.63 ng/ml



#39 AR-1262-4

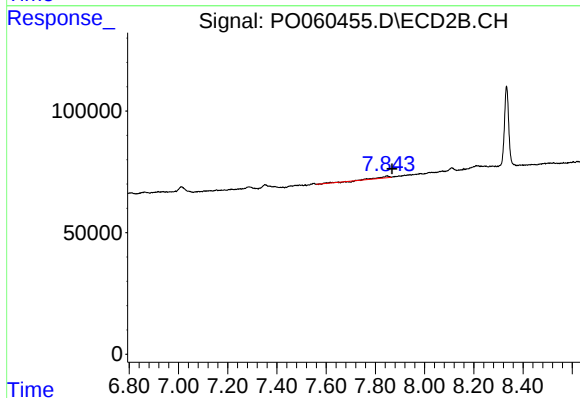
R.T.: 7.352 min
Delta R.T.: -0.024 min
Response: 35318
Conc: 7.99 ng/ml



#40 AR-1262-5

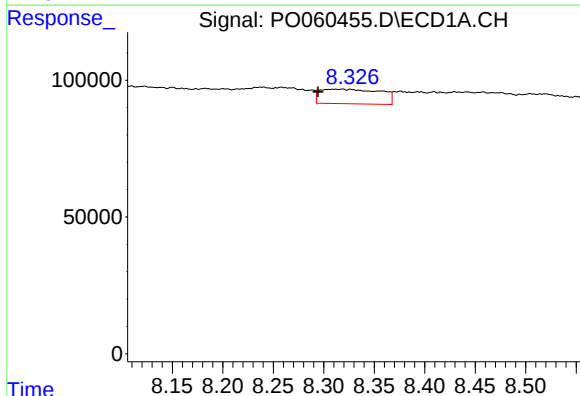
R.T.: 0.000 min
Exp R.T.: 8.949 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



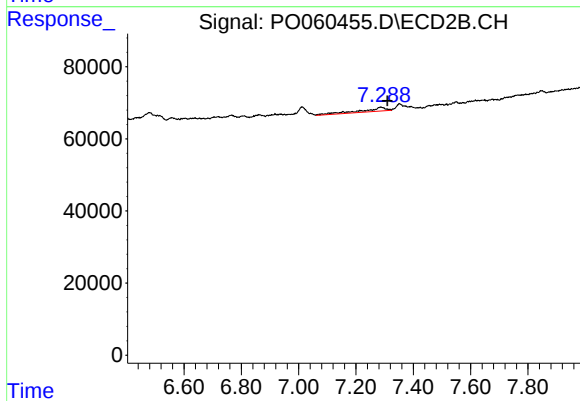
#40 AR-1262-5

R.T.: 7.847 min
Delta R.T.: -0.021 min
Response: 22192
Conc: 12.29 ng/ml



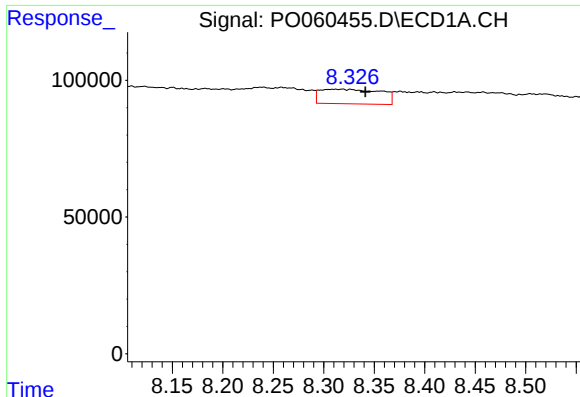
#41 AR-1268-1

R.T.: 8.325 min
Delta R.T.: 0.031 min
Response: 222159
Conc: 23.61 ng/ml



#41 AR-1268-1

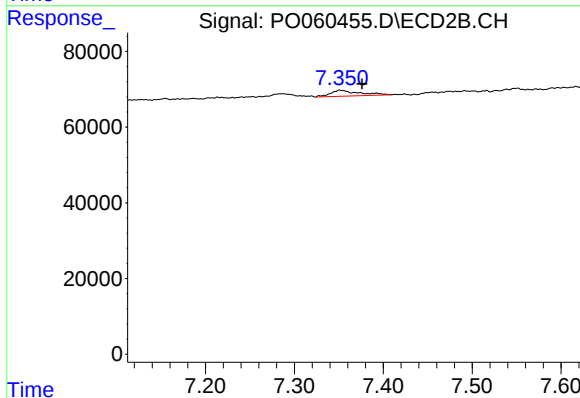
R.T.: 7.286 min
Delta R.T.: -0.024 min
Response: 62201
Conc: 8.74 ng/ml



#42 AR-1268-2

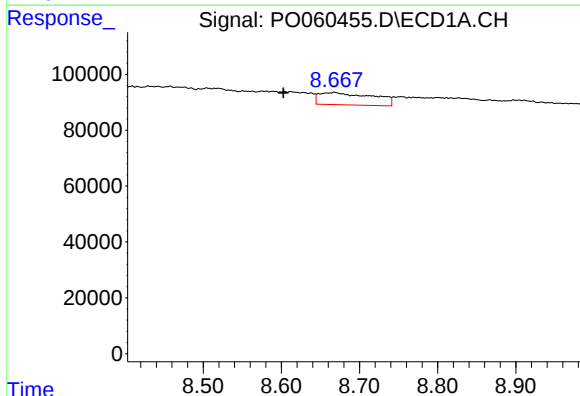
R.T.: 8.325 min
Delta R.T.: -0.016 min
Response: 222159
Conc: 28.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



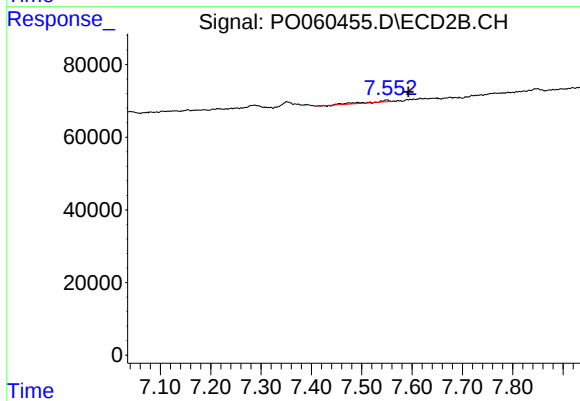
#42 AR-1268-2

R.T.: 7.352 min
Delta R.T.: -0.024 min
Response: 35318
Conc: 5.48 ng/ml



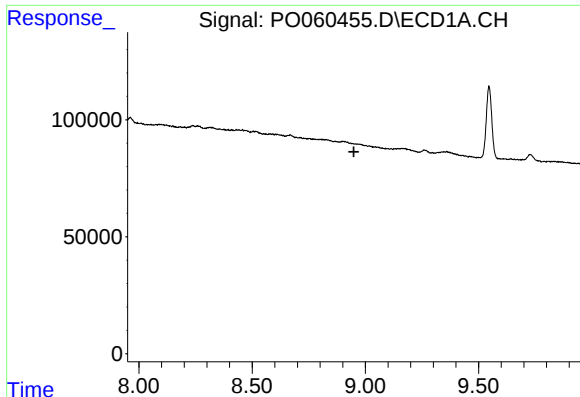
#43 AR-1268-3

R.T.: 8.668 min
Delta R.T.: 0.065 min
Response: 209192
Conc: 29.68 ng/ml



#43 AR-1268-3

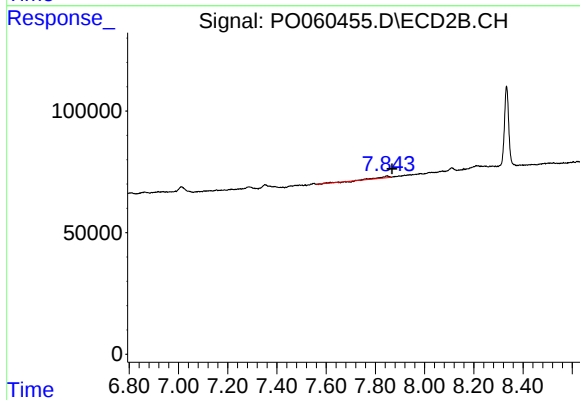
R.T.: 7.550 min
Delta R.T.: -0.043 min
Response: 11569
Conc: 2.11 ng/ml



#44 AR-1268-4

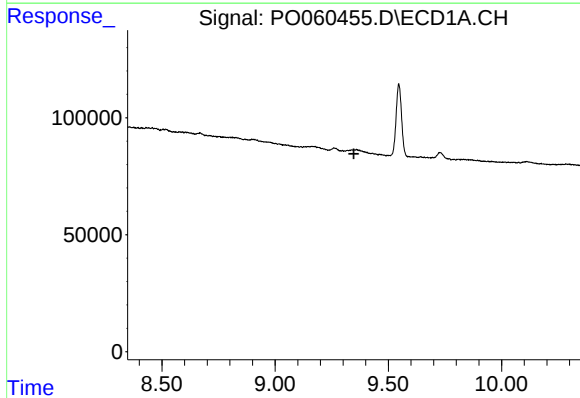
R.T.: 0.000 min
Exp R.T.: 8.949 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



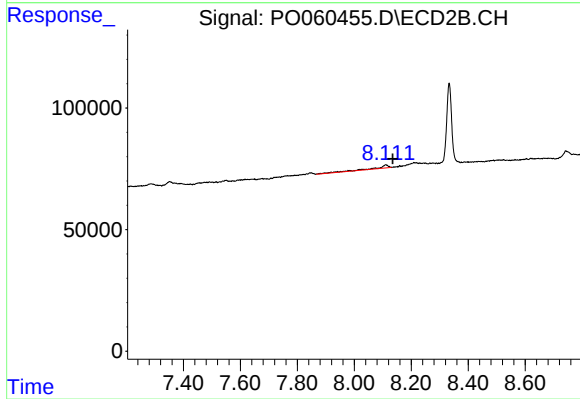
#44 AR-1268-4

R.T.: 7.847 min
Delta R.T.: -0.021 min
Response: 22192
Conc: 10.87 ng/ml



#45 AR-1268-5

R.T.: 9.359 min
Delta R.T.: 0.012 min
Response: -133318
Conc: N.D.



#45 AR-1268-5

R.T.: 8.111 min
Delta R.T.: -0.024 min
Response: 40500
Conc: 2.79 ng/ml