

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0083019\
 Data File : P0060101.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2019 17:02
 Operator : SM/AJ
 Sample : K4582-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 RT-3422

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 23:20:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.123	3.497	856942	773192	24.475	21.480
2)	SA Decachlor...	9.581	8.352	979373	768462	18.409	19.059
Target Compounds							
3)	L1 AR-1016-1	5.273	0.000	15979	0	9.963	N.D. #
4)	L1 AR-1016-2	5.273	0.000	15979	0	6.679	N.D. #
5)	L1 AR-1016-3	5.399	0.000	53252	0	35.751	N.D. #
6)	L1 AR-1016-4	5.499	0.000	19063	0	15.757	N.D. #
7)	L1 AR-1016-5	5.732	0.000	7336	0	5.713	N.D. #
8)	L2 AR-1221-1	4.365	0.000	7791	0	18.399	N.D. #
9)	L2 AR-1221-2	4.422	0.000	23416	0	72.095	N.D. #
10)	L2 AR-1221-3	4.502	3.904	31958	534884	30.382	546.666 #
11)	L3 AR-1232-1	4.502	3.904	31958	534884	25.639	469.143 #
12)	L3 AR-1232-2	5.022	0.000	66368	0	93.953	N.D. #
13)	L3 AR-1232-3	5.273	0.000	15979	0	10.434	N.D. #
14)	L3 AR-1232-4	5.545	0.000	14653	0	18.741	N.D. #
15)	L3 AR-1232-5	5.607	0.000	24967	0	41.534	N.D. #
16)	L4 AR-1242-1	5.273	0.000	15979	0	12.587	N.D. #
17)	L4 AR-1242-2	5.273	0.000	15979	0	8.611	N.D. #
18)	L4 AR-1242-3	5.399	0.000	53252	0	45.560	N.D. #
19)	L4 AR-1242-4	5.545	0.000	14653	0	15.140	N.D. #
20)	L4 AR-1242-5	6.185	0.000	29068	0	23.132	N.D. #
21)	L5 AR-1248-1	5.273	0.000	15979	0	15.938	N.D. #
22)	L5 AR-1248-2	5.545	0.000	14653	0	10.100	N.D. #
23)	L5 AR-1248-3	5.680	0.000	7172	0	4.315	N.D. #
24)	L5 AR-1248-4	6.142	0.000	11593	0	5.671	N.D. #
25)	L5 AR-1248-5	6.185	0.000	29068	0	14.658	N.D. #
26)	L6 AR-1254-1	6.099	0.000	33214	0	15.919	N.D. #
27)	L6 AR-1254-2	6.326	5.493	108634	50266	32.562	23.956 #
28)	L6 AR-1254-3	6.702	5.883	93698	56108	26.405	16.686 #
29)	L6 AR-1254-4	6.973	6.091	48300	128524	16.398	62.335 #
30)	L6 AR-1254-5	7.409	6.499	163000	87096	52.710	28.050 #
31)	L7 AR-1260-1	6.844	0.000	44499	0	16.507	N.D. #
32)	L7 AR-1260-2	7.104	6.180	195720	26792	52.748	9.145 #
33)	L7 AR-1260-3	7.453	0.000	46730	0	14.263	N.D. #
34)	L7 AR-1260-4	7.673	6.789	201614	33252	65.644	14.696 #
35)	L7 AR-1260-5	7.982	7.031	140790	78036	19.883	14.180 #
36)	L8 AR-1262-1	7.520	6.526	80848	44944	16.660	12.057 #
37)	L8 AR-1262-2	7.982	7.031	140790	78036	18.247	13.274 #
38)	L8 AR-1262-3	8.285	7.304	103441	11940	20.273	4.699 #
39)	L8 AR-1262-4	8.349	0.000	152126	0	39.465	N.D. #
40)	L8 AR-1262-5	8.935	7.858	156613	53425	61.021	29.589 #
41)	L9 AR-1268-1	8.285	7.304	103441	11940	10.992	1.677 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
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 Acq On : 30 Aug 2019 17:02
 Operator : SM/AJ
 Sample : K4582-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

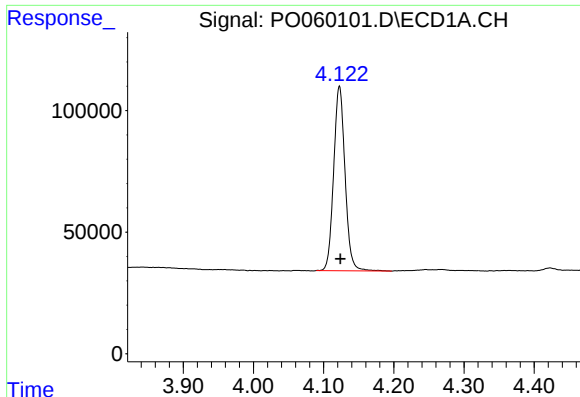
Instrument :
 ECD_O
 ClientSampleId :
 RT-3422

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 23:20:15 2019
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.349	0.000	152126	0	19.299	N.D. #
43) L9	AR-1268-3	8.592	7.607	182707	20637	25.920	3.772 #
44) L9	AR-1268-4	8.935	7.858	156613	53425	56.335	26.172 #
45) L9	AR-1268-5	9.297	8.128	134769	45989	7.308	3.165 #

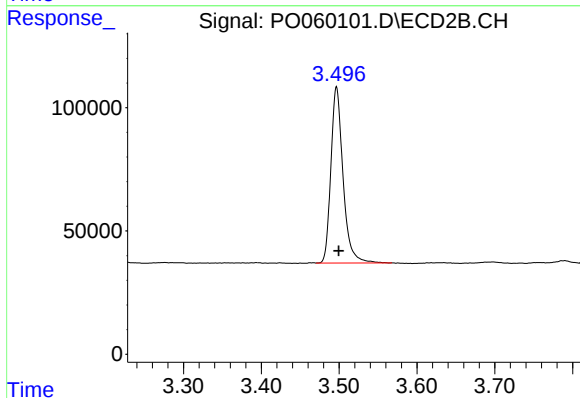
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

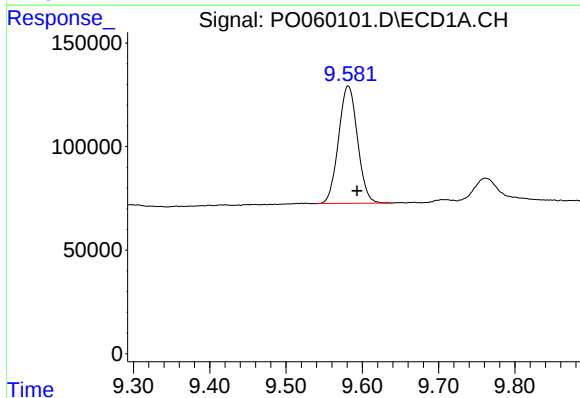
R.T.: 4.123 min
Delta R.T.: -0.001 min
Response: 856942
Conc: 24.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



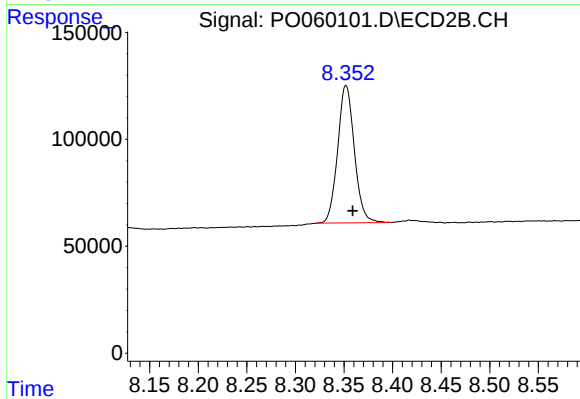
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.003 min
Response: 773192
Conc: 21.48 ng/ml



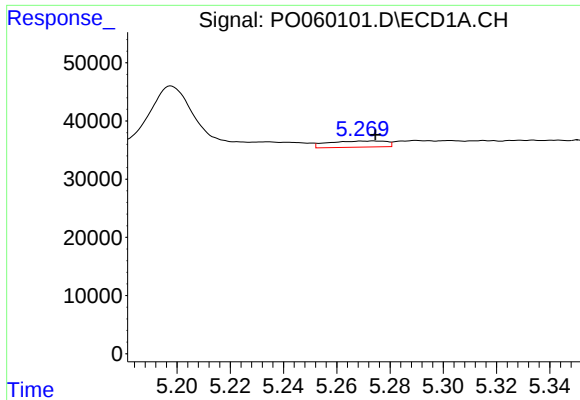
#2 Decachlorobiphenyl

R.T.: 9.581 min
Delta R.T.: -0.012 min
Response: 979373
Conc: 18.41 ng/ml



#2 Decachlorobiphenyl

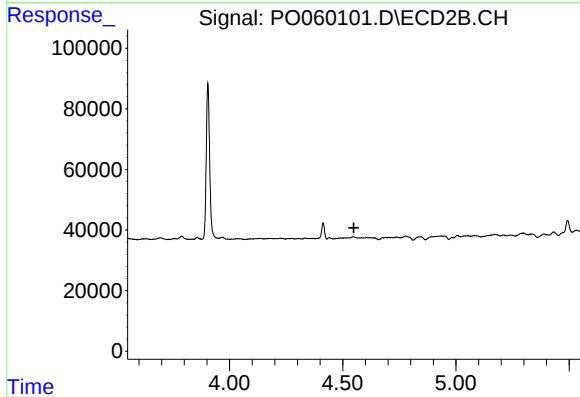
R.T.: 8.352 min
Delta R.T.: -0.007 min
Response: 768462
Conc: 19.06 ng/ml



#3 AR-1016-1

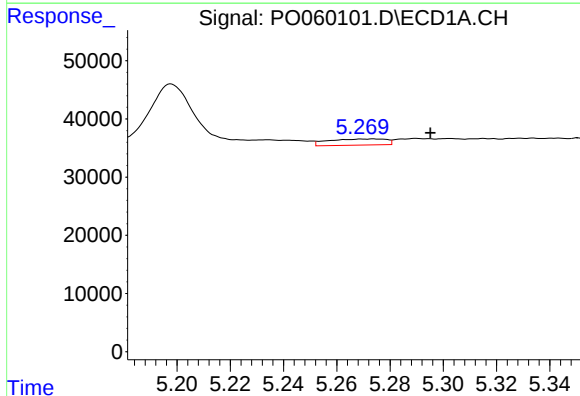
R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 15979
Conc: 9.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



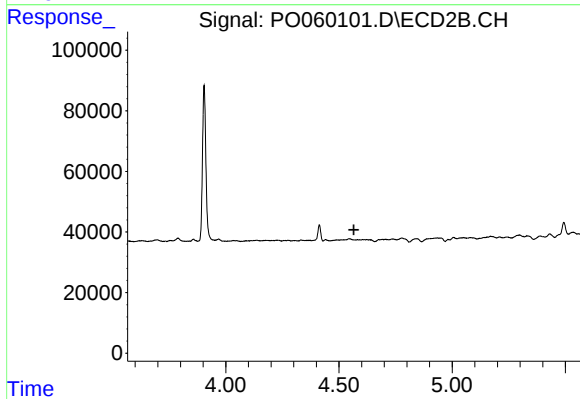
#3 AR-1016-1

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



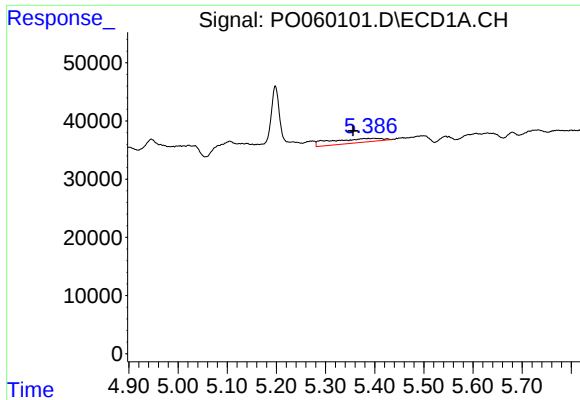
#4 AR-1016-2

R.T.: 5.273 min
Delta R.T.: -0.022 min
Response: 15979
Conc: 6.68 ng/ml



#4 AR-1016-2

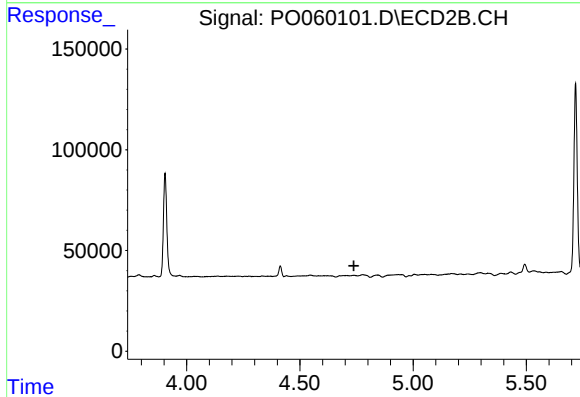
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

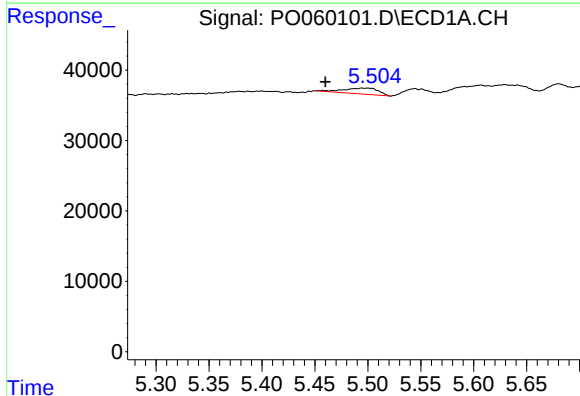
R.T.: 5.399 min
Delta R.T.: 0.043 min
Response: 53252
Conc: 35.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



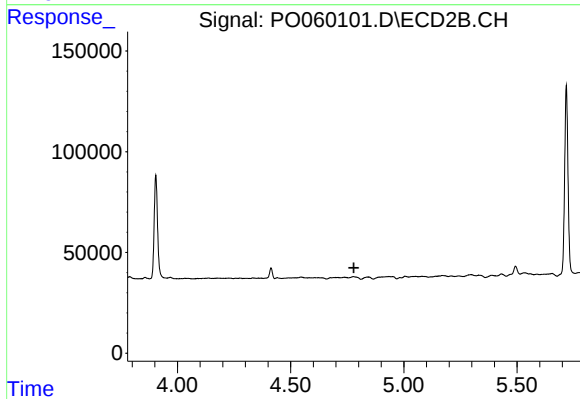
#5 AR-1016-3

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



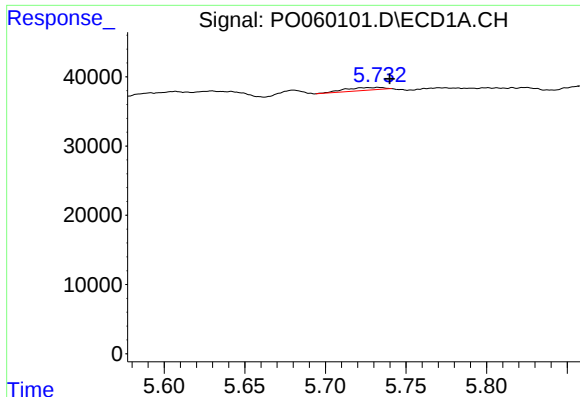
#6 AR-1016-4

R.T.: 5.499 min
Delta R.T.: 0.039 min
Response: 19063
Conc: 15.76 ng/ml



#6 AR-1016-4

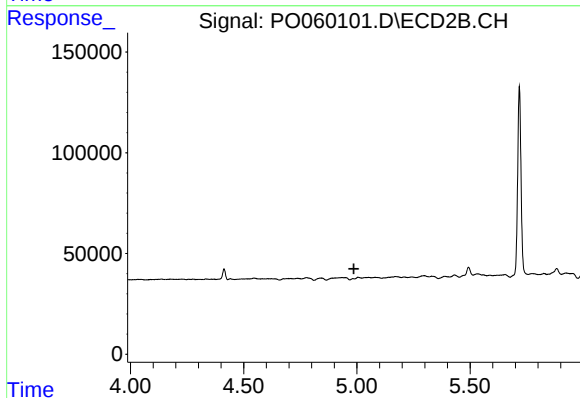
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

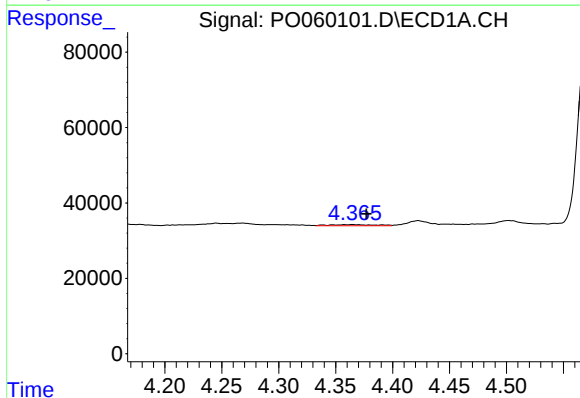
R.T.: 5.732 min
Delta R.T.: -0.008 min
Response: 7336
Conc: 5.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



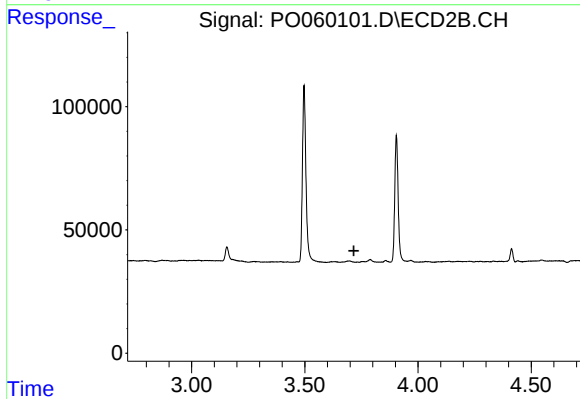
#7 AR-1016-5

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



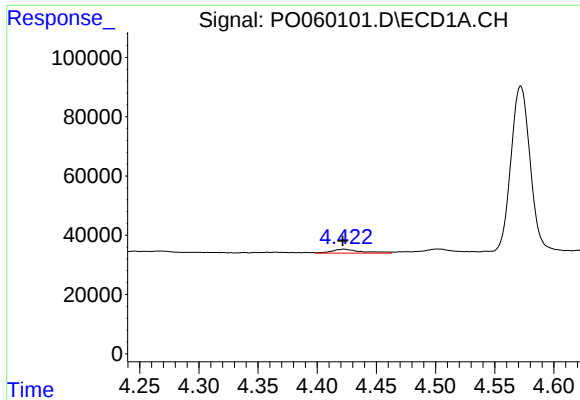
#8 AR-1221-1

R.T.: 4.365 min
Delta R.T.: -0.012 min
Response: 7791
Conc: 18.40 ng/ml



#8 AR-1221-1

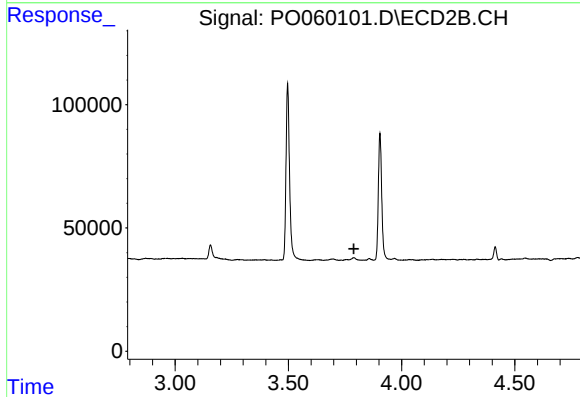
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

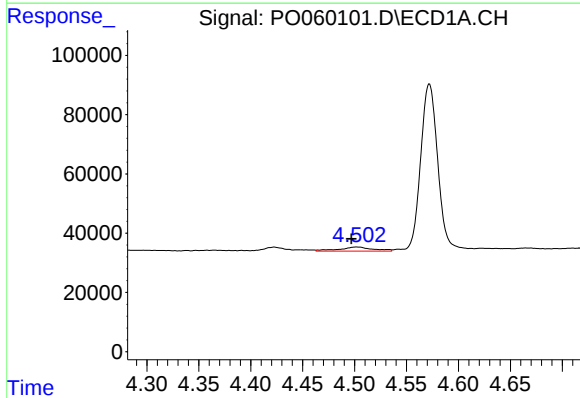
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 23416
Conc: 72.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



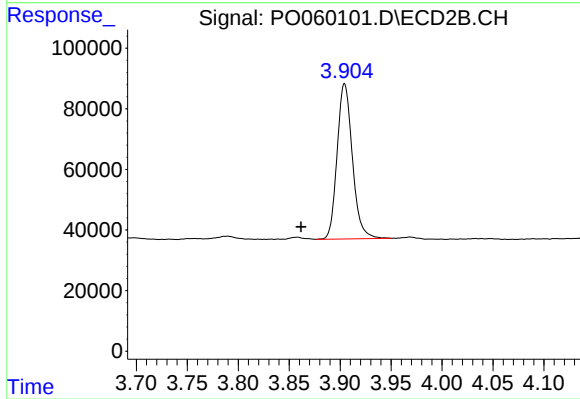
#9 AR-1221-2

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



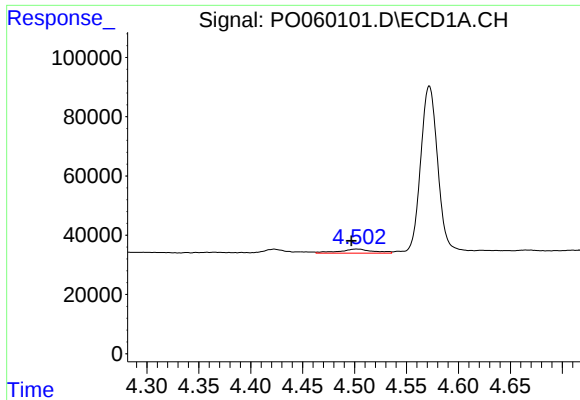
#10 AR-1221-3

R.T.: 4.502 min
Delta R.T.: 0.005 min
Response: 31958
Conc: 30.38 ng/ml



#10 AR-1221-3

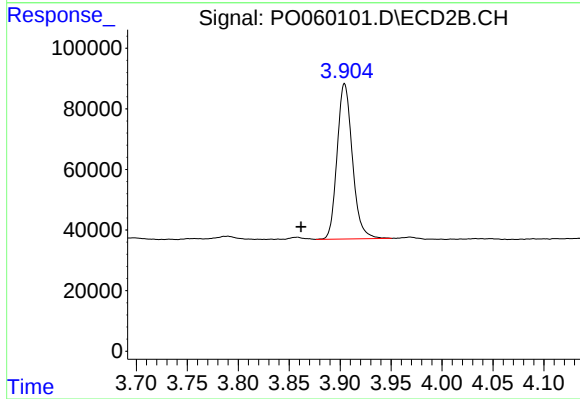
R.T.: 3.904 min
Delta R.T.: 0.043 min
Response: 534884
Conc: 546.67 ng/ml



#11 AR-1232-1

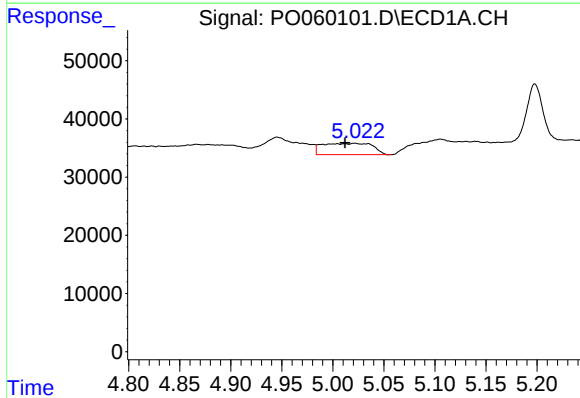
R.T.: 4.502 min
Delta R.T.: 0.005 min
Response: 31958
Conc: 25.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



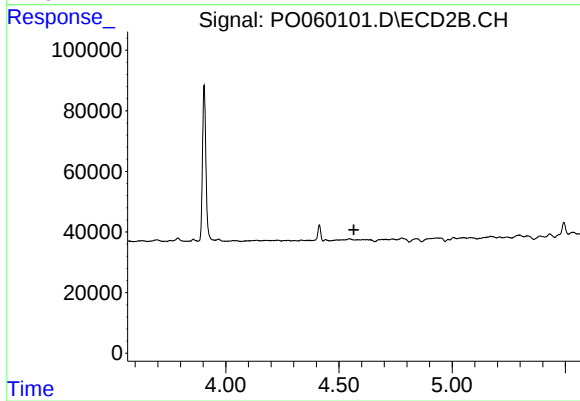
#11 AR-1232-1

R.T.: 3.904 min
Delta R.T.: 0.043 min
Response: 534884
Conc: 469.14 ng/ml



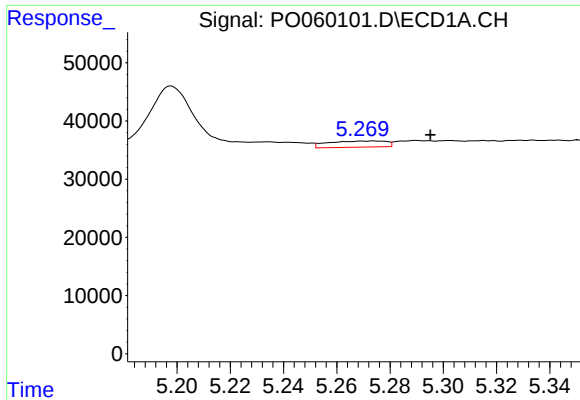
#12 AR-1232-2

R.T.: 5.022 min
Delta R.T.: 0.010 min
Response: 66368
Conc: 93.95 ng/ml



#12 AR-1232-2

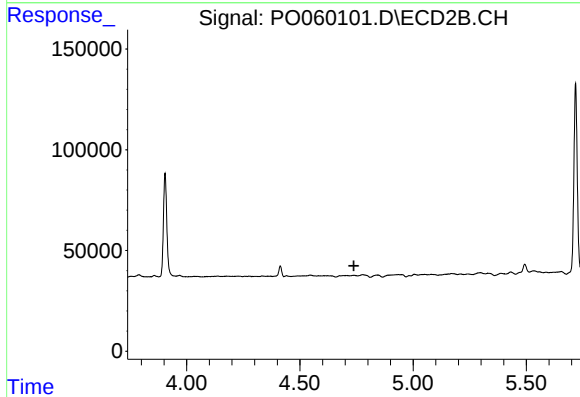
R.T.: 0.000 min
Exp R.T.: 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

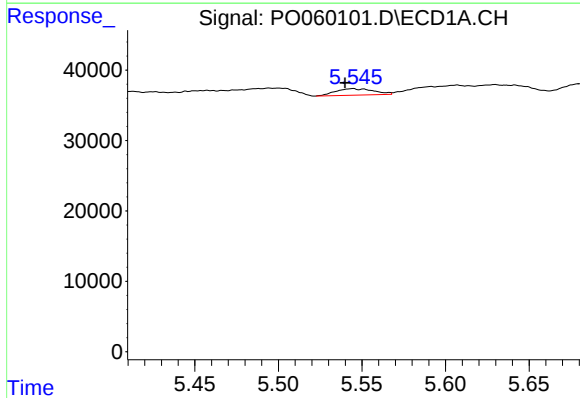
R.T.: 5.273 min
Delta R.T.: -0.022 min
Response: 15979
Conc: 10.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



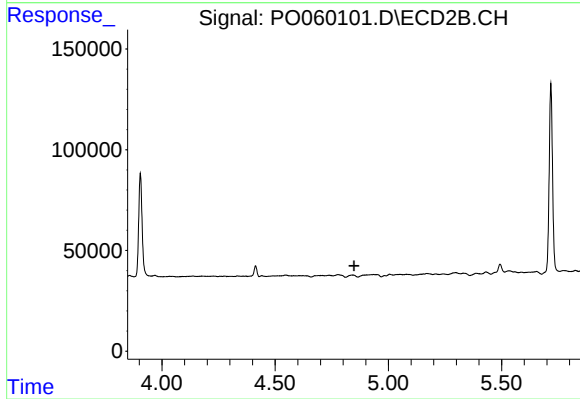
#13 AR-1232-3

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



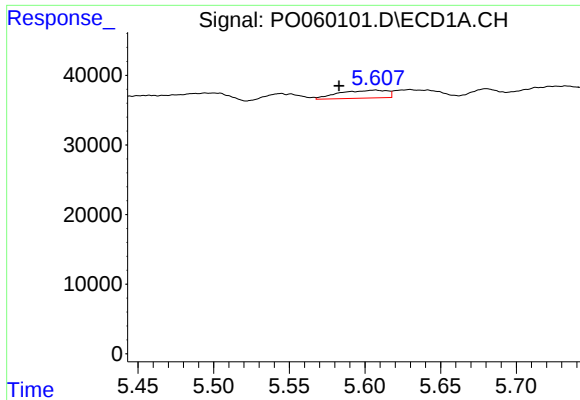
#14 AR-1232-4

R.T.: 5.545 min
Delta R.T.: 0.005 min
Response: 14653
Conc: 18.74 ng/ml



#14 AR-1232-4

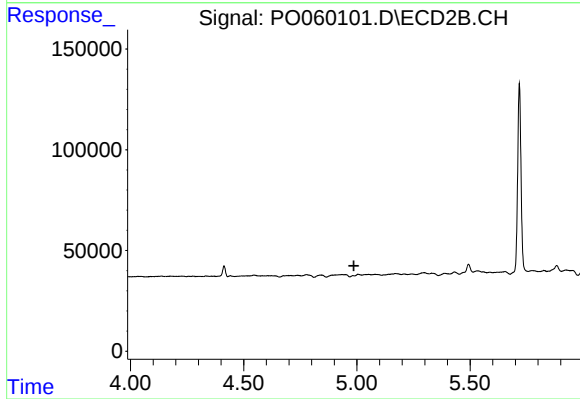
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

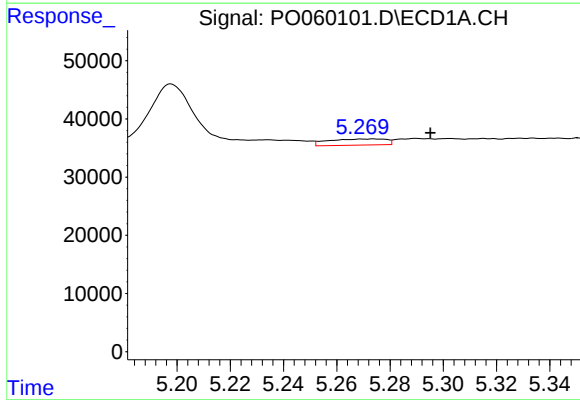
R.T.: 5.607 min
Delta R.T.: 0.024 min
Response: 24967
Conc: 41.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



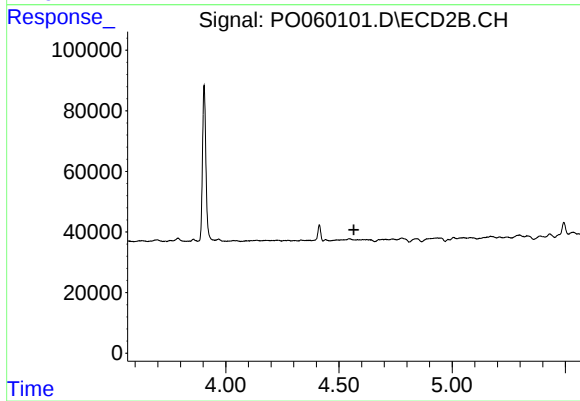
#15 AR-1232-5

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



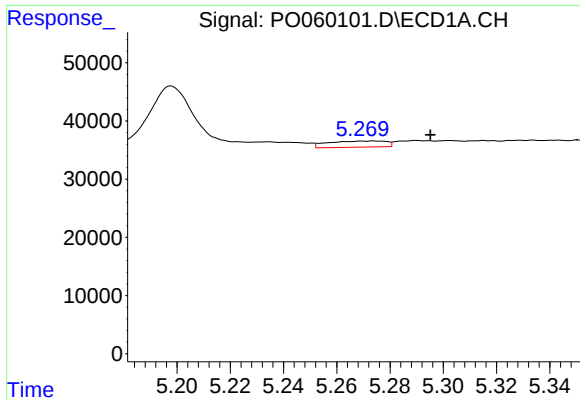
#16 AR-1242-1

R.T.: 5.273 min
Delta R.T.: -0.022 min
Response: 15979
Conc: 12.59 ng/ml



#16 AR-1242-1

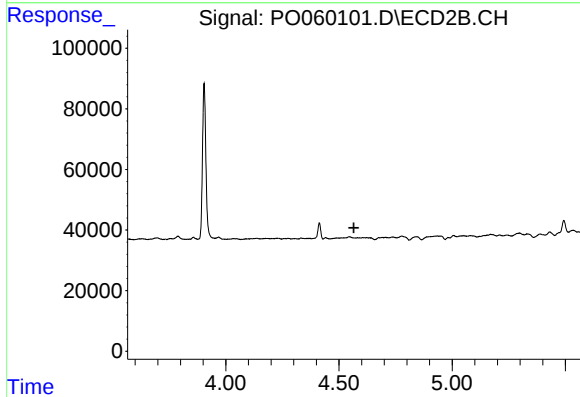
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

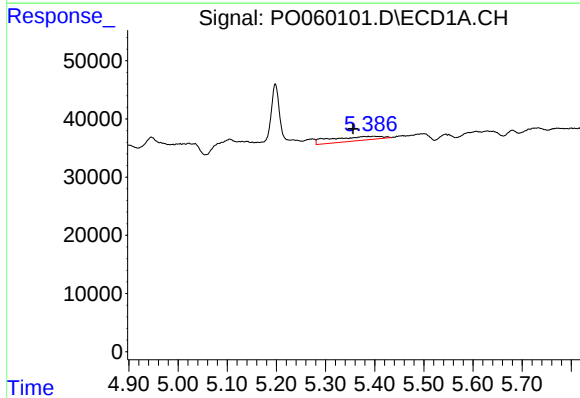
R.T.: 5.273 min
Delta R.T.: -0.022 min
Response: 15979
Conc: 8.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



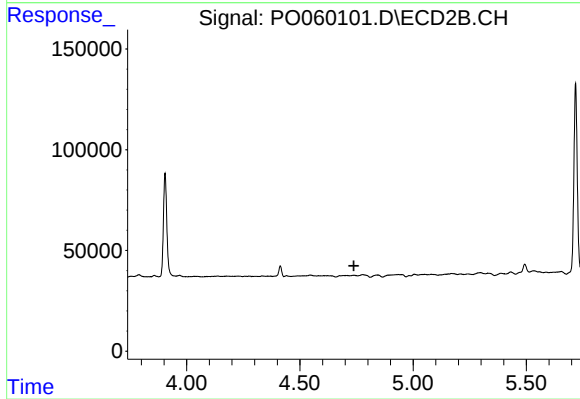
#17 AR-1242-2

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



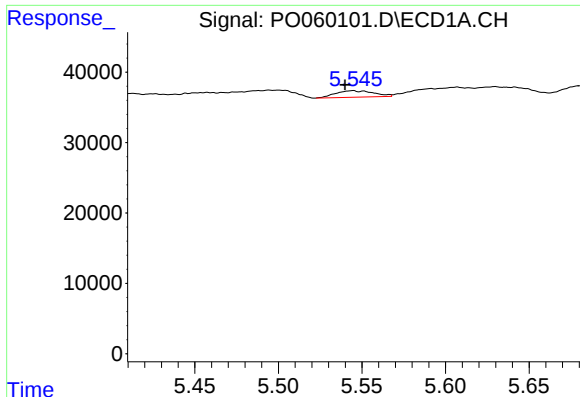
#18 AR-1242-3

R.T.: 5.399 min
Delta R.T.: 0.043 min
Response: 53252
Conc: 45.56 ng/ml



#18 AR-1242-3

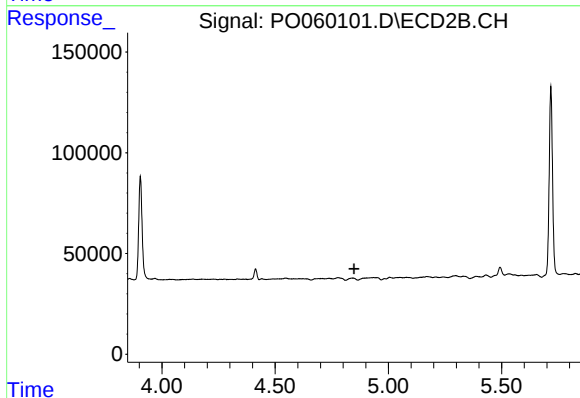
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

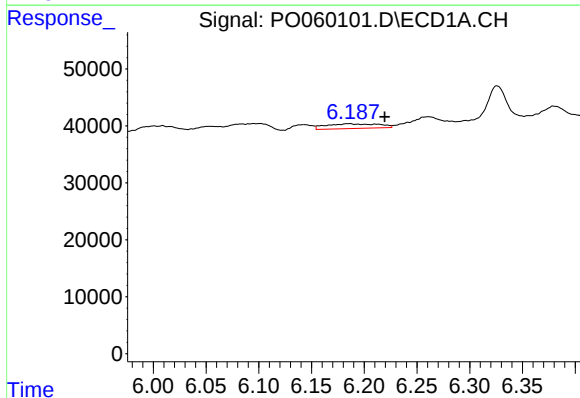
R.T.: 5.545 min
Delta R.T.: 0.005 min
Response: 14653
Conc: 15.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



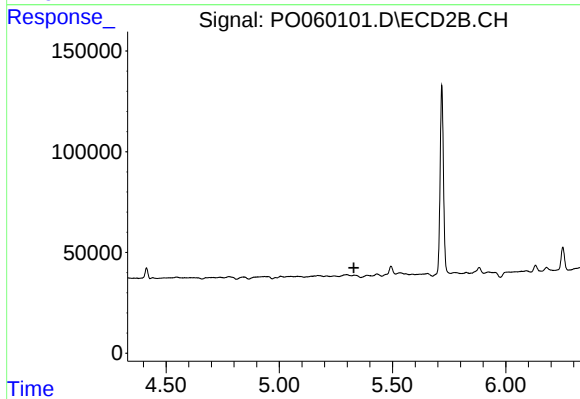
#19 AR-1242-4

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



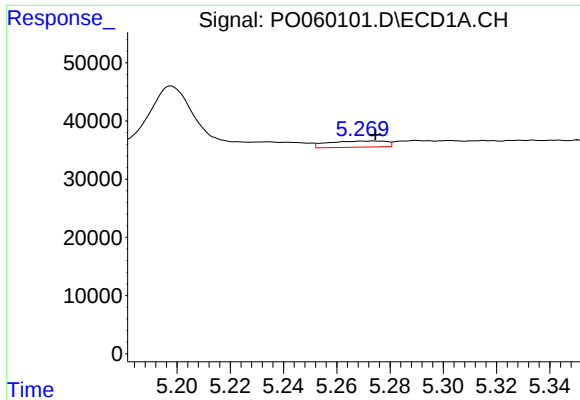
#20 AR-1242-5

R.T.: 6.185 min
Delta R.T.: -0.034 min
Response: 29068
Conc: 23.13 ng/ml



#20 AR-1242-5

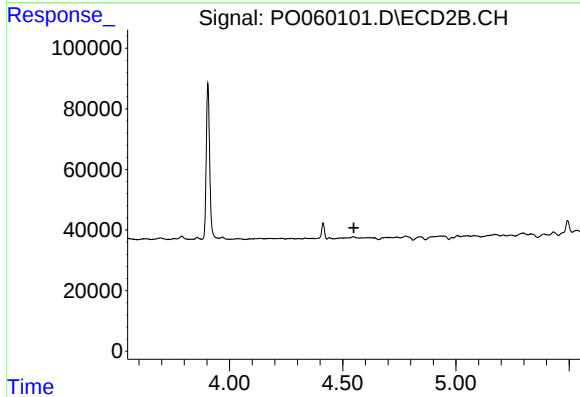
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

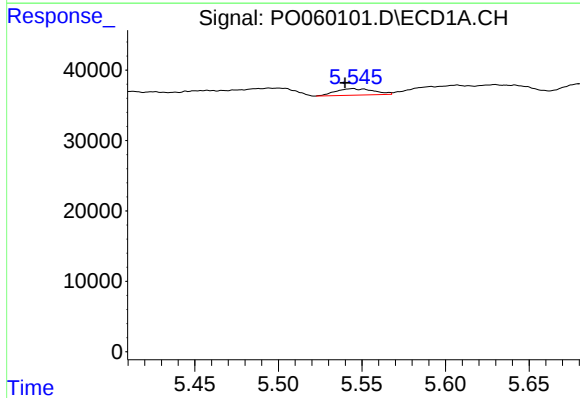
R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 15979
Conc: 15.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



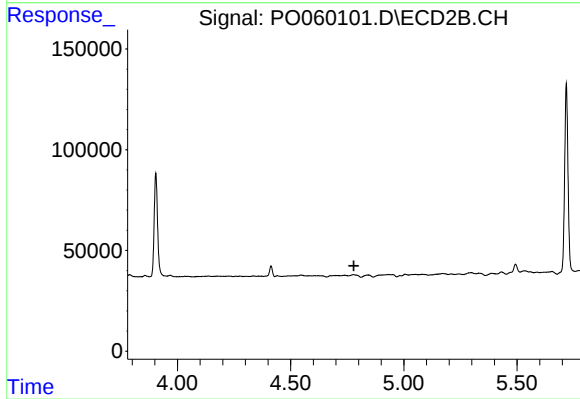
#21 AR-1248-1

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



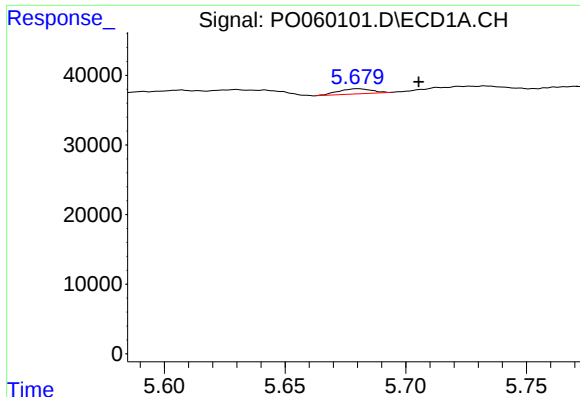
#22 AR-1248-2

R.T.: 5.545 min
Delta R.T.: 0.005 min
Response: 14653
Conc: 10.10 ng/ml



#22 AR-1248-2

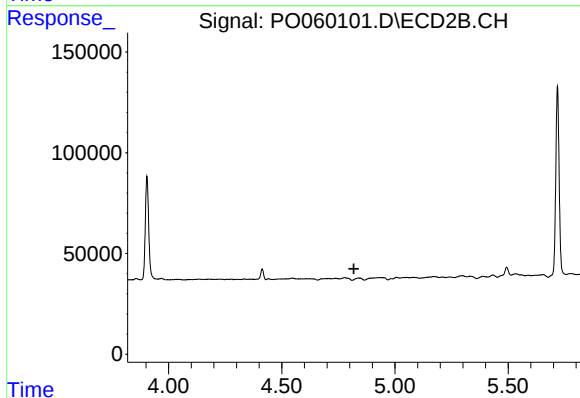
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

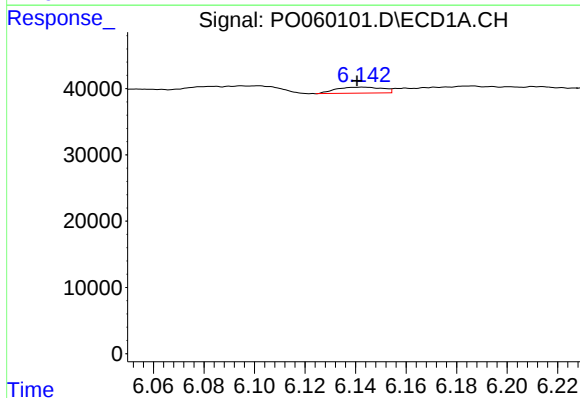
R.T.: 5.680 min
Delta R.T.: -0.025 min
Response: 7172
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



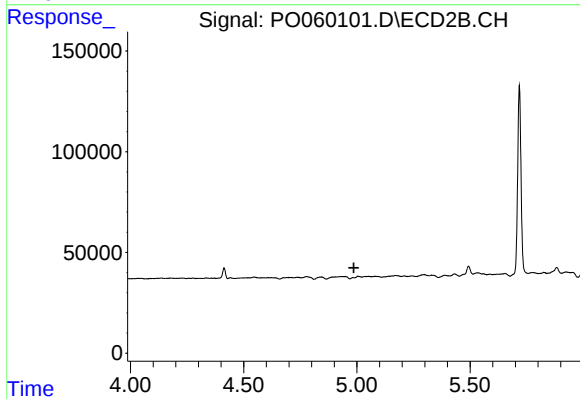
#23 AR-1248-3

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



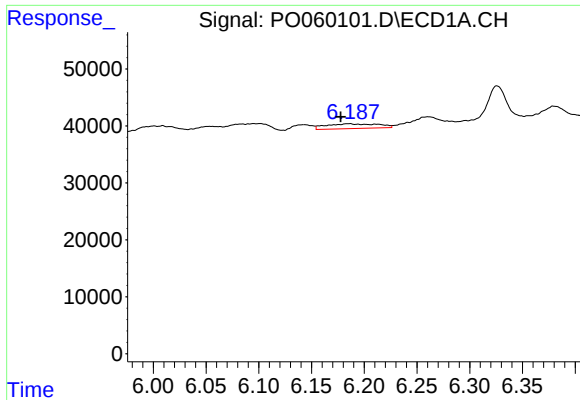
#24 AR-1248-4

R.T.: 6.142 min
Delta R.T.: 0.002 min
Response: 11593
Conc: 5.67 ng/ml



#24 AR-1248-4

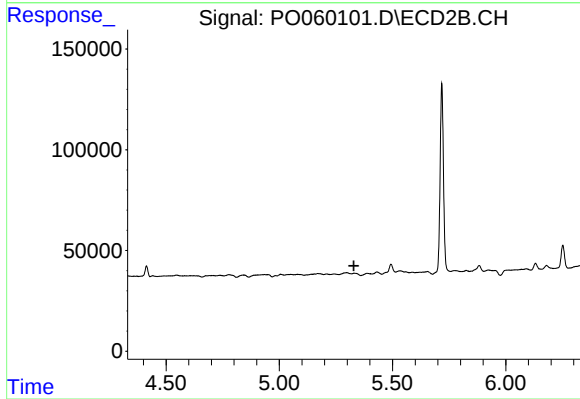
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

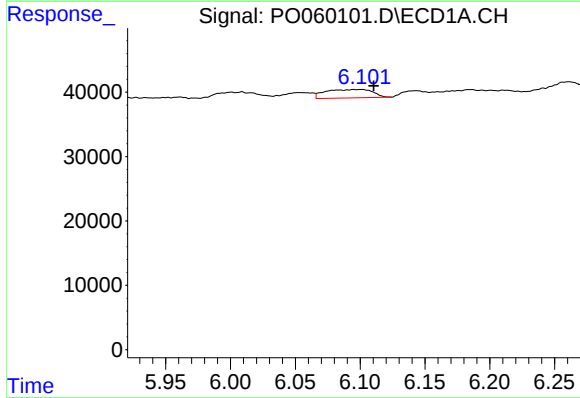
R.T.: 6.185 min
Delta R.T.: 0.007 min
Response: 29068
Conc: 14.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



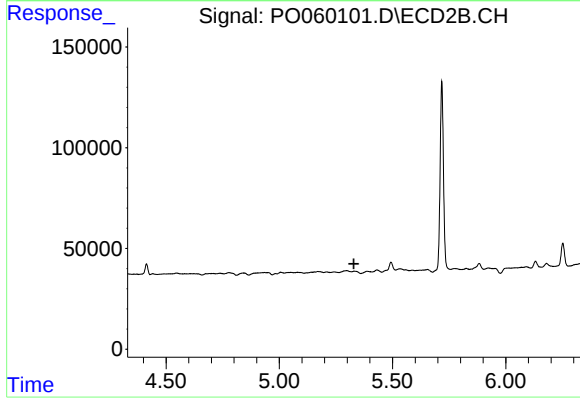
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



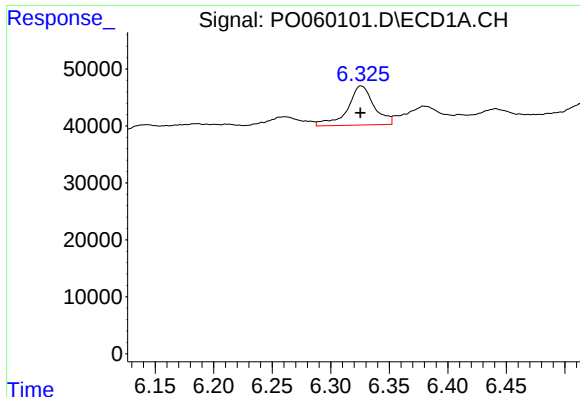
#26 AR-1254-1

R.T.: 6.099 min
Delta R.T.: -0.012 min
Response: 33214
Conc: 15.92 ng/ml



#26 AR-1254-1

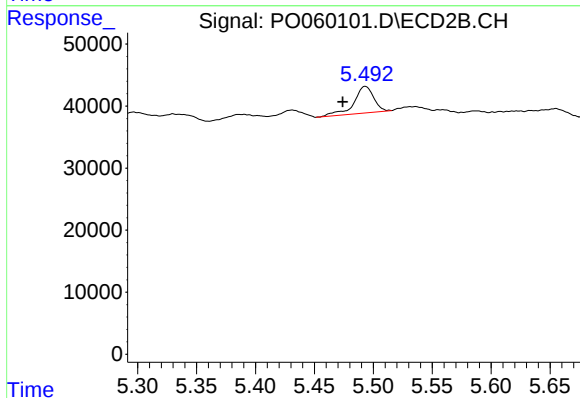
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

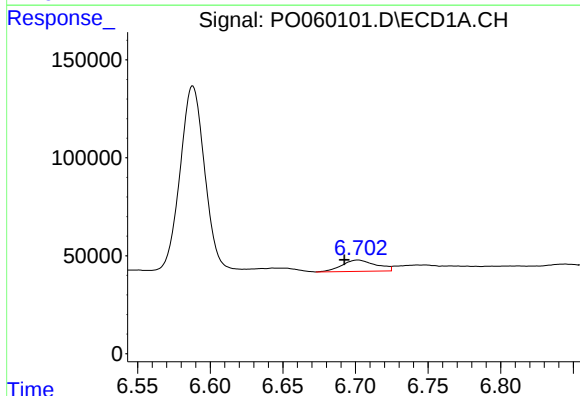
R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 108634
Conc: 32.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



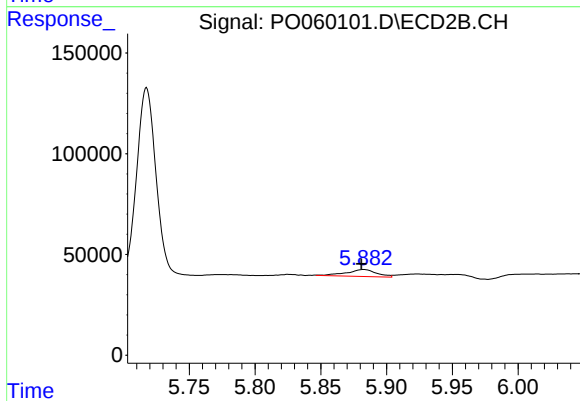
#27 AR-1254-2

R.T.: 5.493 min
Delta R.T.: 0.019 min
Response: 50266
Conc: 23.96 ng/ml



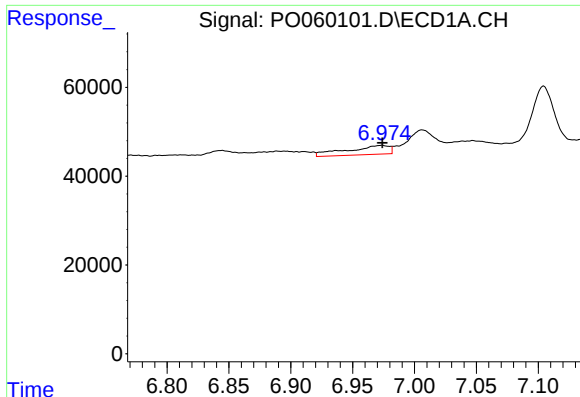
#28 AR-1254-3

R.T.: 6.702 min
Delta R.T.: 0.009 min
Response: 93698
Conc: 26.41 ng/ml



#28 AR-1254-3

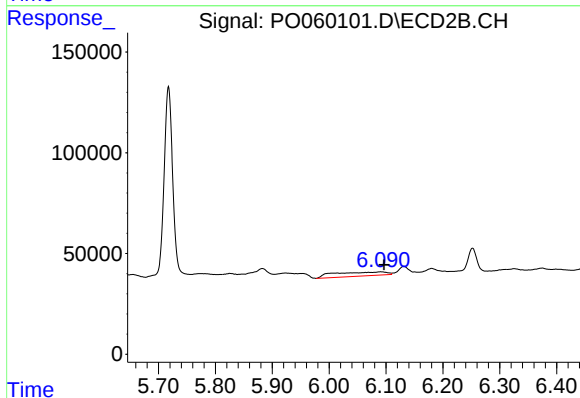
R.T.: 5.883 min
Delta R.T.: 0.002 min
Response: 56108
Conc: 16.69 ng/ml



#29 AR-1254-4

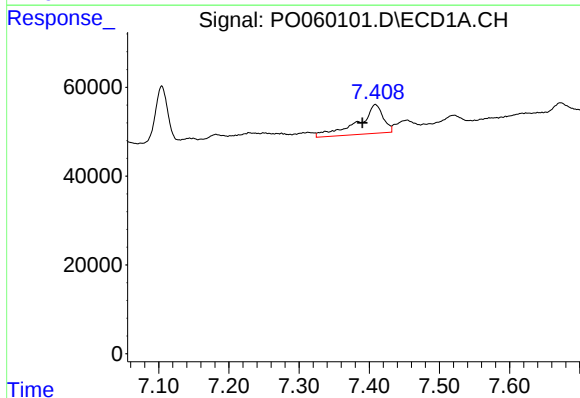
R.T.: 6.973 min
Delta R.T.: 0.000 min
Response: 48300
Conc: 16.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



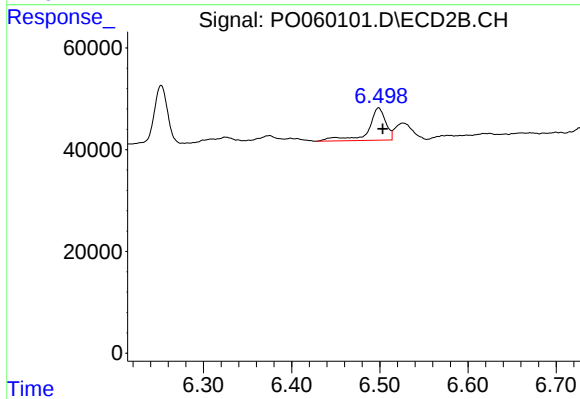
#29 AR-1254-4

R.T.: 6.091 min
Delta R.T.: -0.005 min
Response: 128524
Conc: 62.33 ng/ml



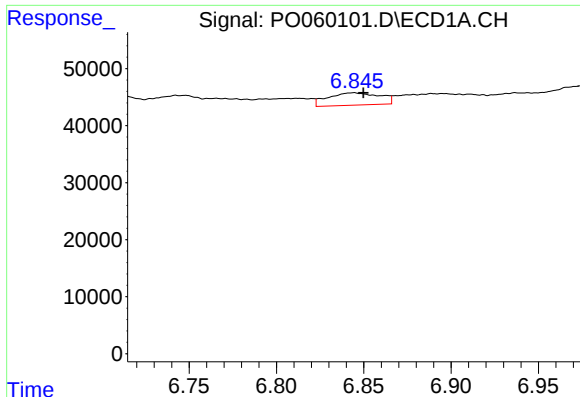
#30 AR-1254-5

R.T.: 7.409 min
Delta R.T.: 0.019 min
Response: 163000
Conc: 52.71 ng/ml



#30 AR-1254-5

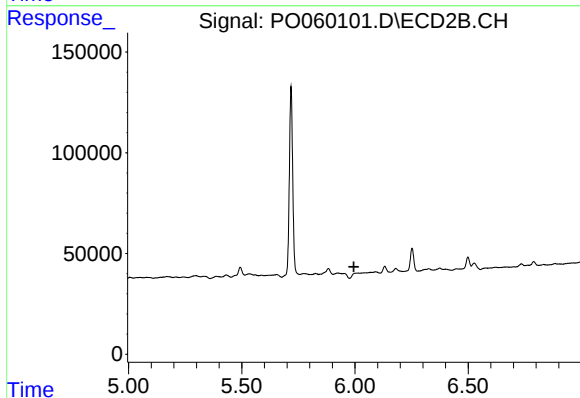
R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 87096
Conc: 28.05 ng/ml



#31 AR-1260-1

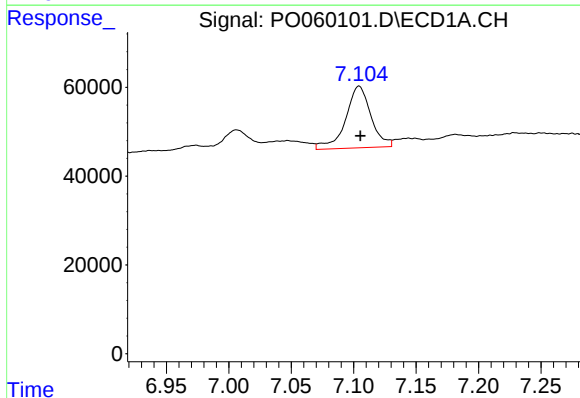
R.T.: 6.844 min
Delta R.T.: -0.006 min
Response: 44499
Conc: 16.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



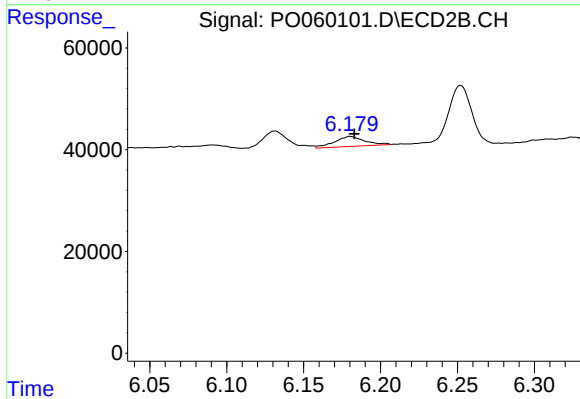
#31 AR-1260-1

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



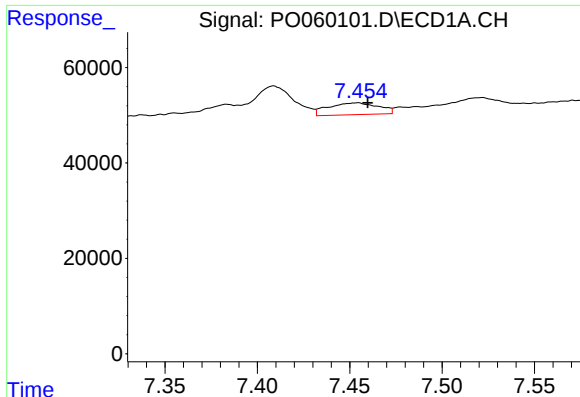
#32 AR-1260-2

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 195720
Conc: 52.75 ng/ml



#32 AR-1260-2

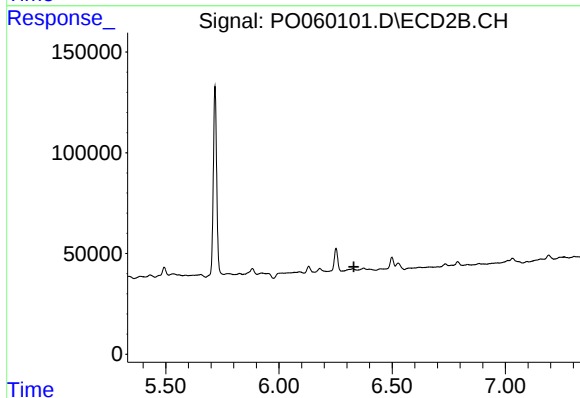
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 26792
Conc: 9.14 ng/ml



#33 AR-1260-3

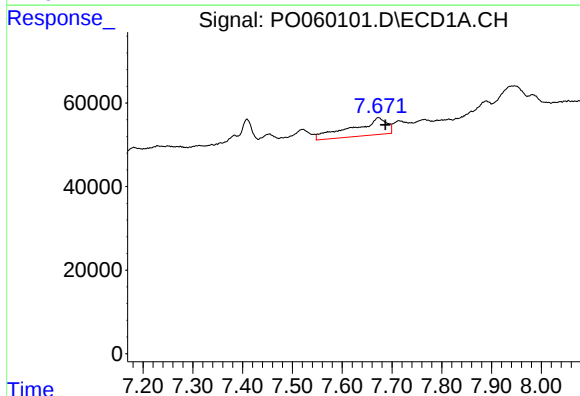
R.T.: 7.453 min
Delta R.T.: -0.007 min
Response: 46730
Conc: 14.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



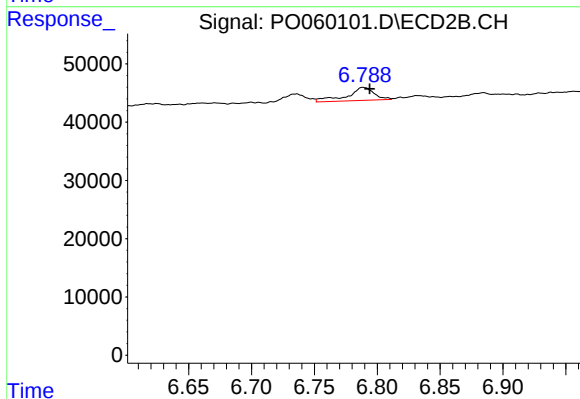
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.331 min
Response: 0
Conc: N.D.



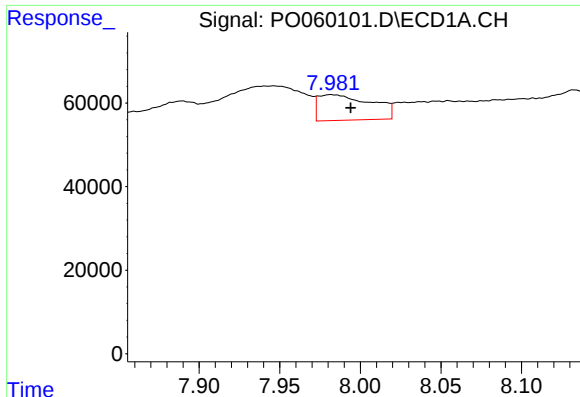
#34 AR-1260-4

R.T.: 7.673 min
Delta R.T.: -0.014 min
Response: 201614
Conc: 65.64 ng/ml



#34 AR-1260-4

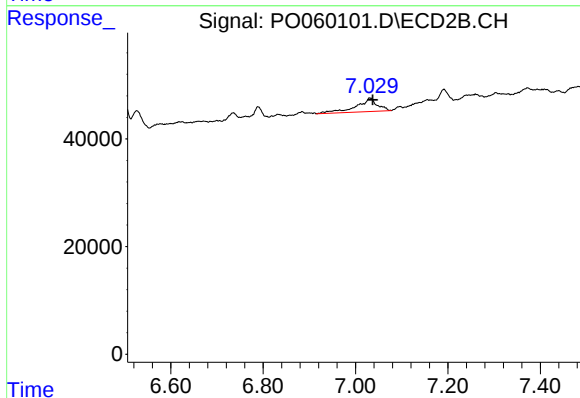
R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 33252
Conc: 14.70 ng/ml



#35 AR-1260-5

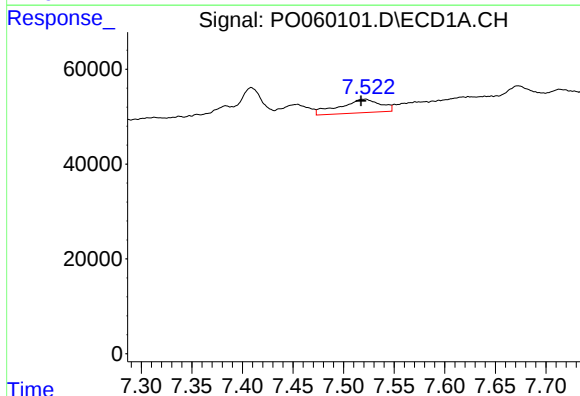
R.T.: 7.982 min
Delta R.T.: -0.012 min
Response: 140790
Conc: 19.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



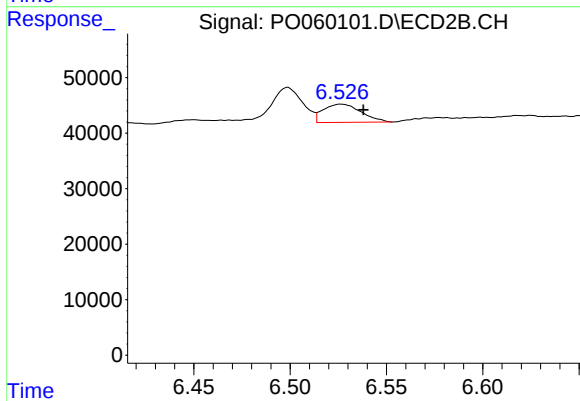
#35 AR-1260-5

R.T.: 7.031 min
Delta R.T.: -0.007 min
Response: 78036
Conc: 14.18 ng/ml



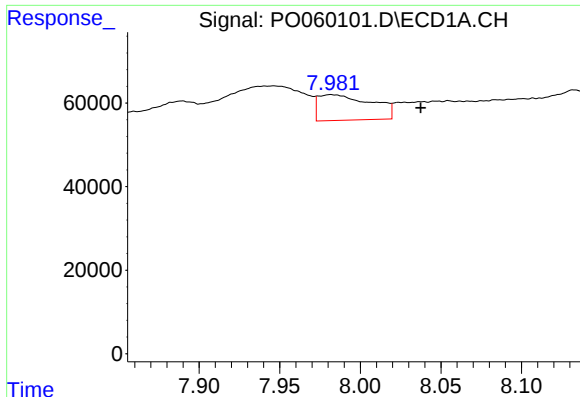
#36 AR-1262-1

R.T.: 7.520 min
Delta R.T.: 0.003 min
Response: 80848
Conc: 16.66 ng/ml



#36 AR-1262-1

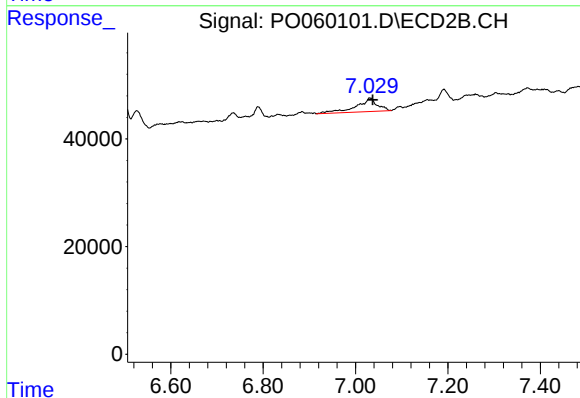
R.T.: 6.526 min
Delta R.T.: -0.012 min
Response: 44944
Conc: 12.06 ng/ml



#37 AR-1262-2

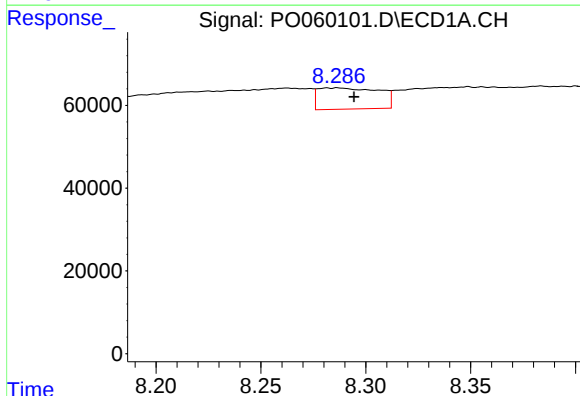
R.T.: 7.982 min
Delta R.T.: -0.055 min
Response: 140790
Conc: 18.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



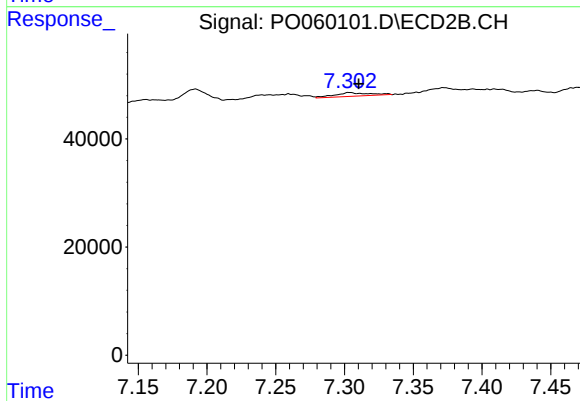
#37 AR-1262-2

R.T.: 7.031 min
Delta R.T.: -0.007 min
Response: 78036
Conc: 13.27 ng/ml



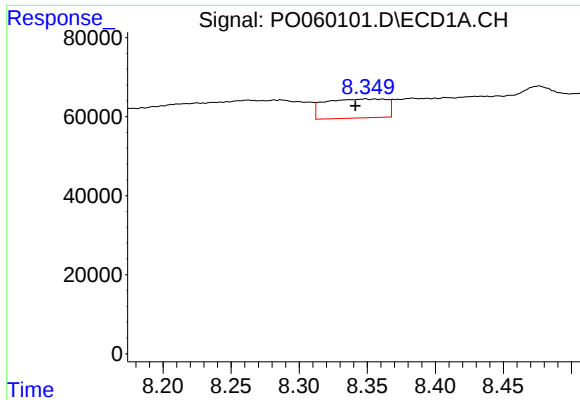
#38 AR-1262-3

R.T.: 8.285 min
Delta R.T.: -0.009 min
Response: 103441
Conc: 20.27 ng/ml



#38 AR-1262-3

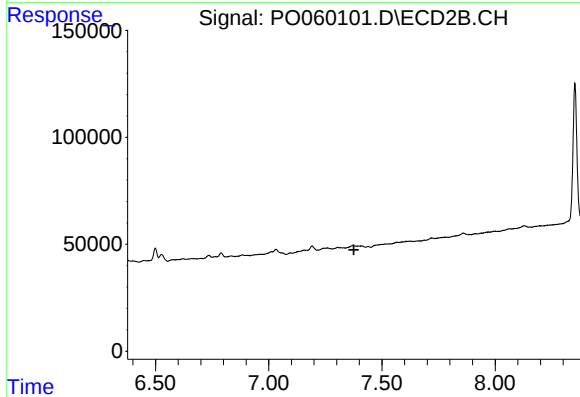
R.T.: 7.304 min
Delta R.T.: -0.006 min
Response: 11940
Conc: 4.70 ng/ml



#39 AR-1262-4

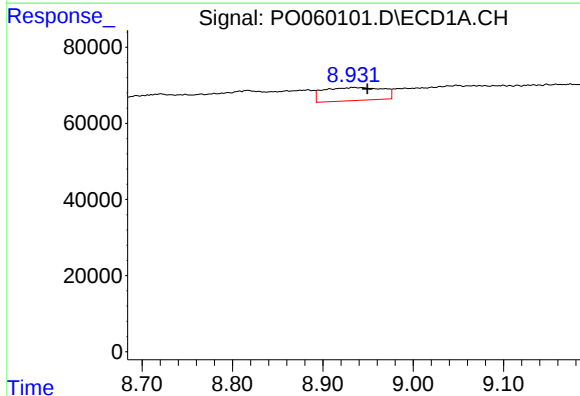
R.T.: 8.349 min
Delta R.T.: 0.008 min
Response: 152126
Conc: 39.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



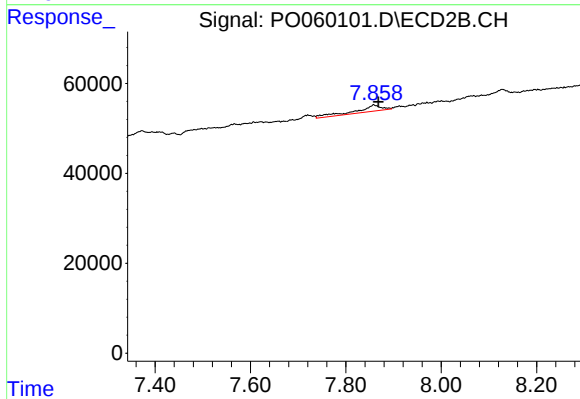
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



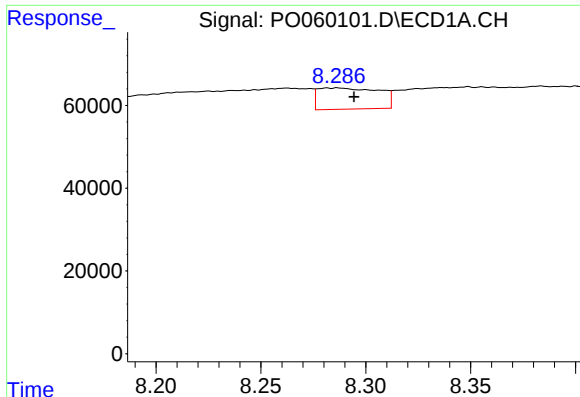
#40 AR-1262-5

R.T.: 8.935 min
Delta R.T.: -0.015 min
Response: 156613
Conc: 61.02 ng/ml



#40 AR-1262-5

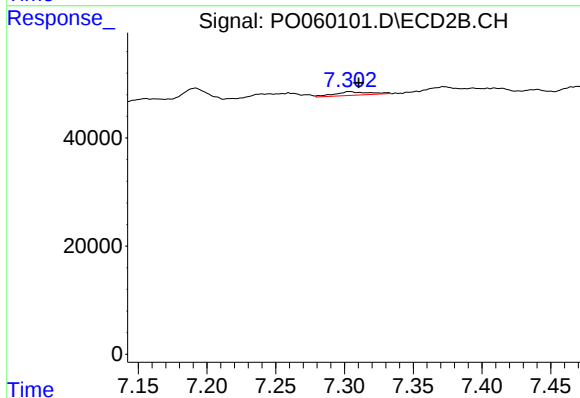
R.T.: 7.858 min
Delta R.T.: -0.010 min
Response: 53425
Conc: 29.59 ng/ml



#41 AR-1268-1

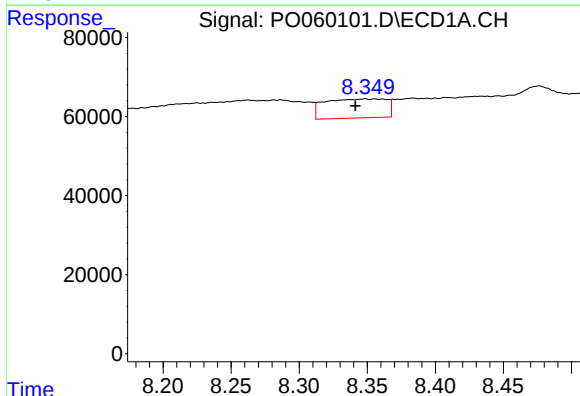
R.T.: 8.285 min
Delta R.T.: -0.009 min
Response: 103441
Conc: 10.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



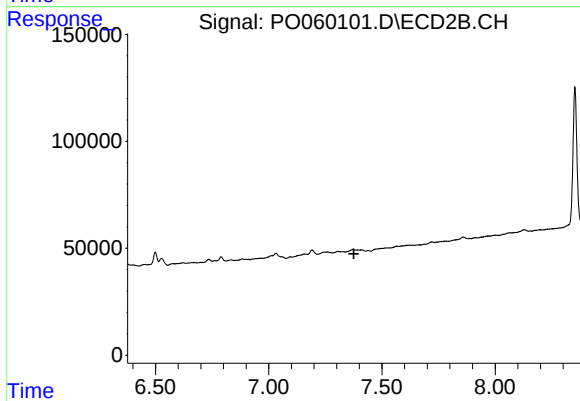
#41 AR-1268-1

R.T.: 7.304 min
Delta R.T.: -0.006 min
Response: 11940
Conc: 1.68 ng/ml



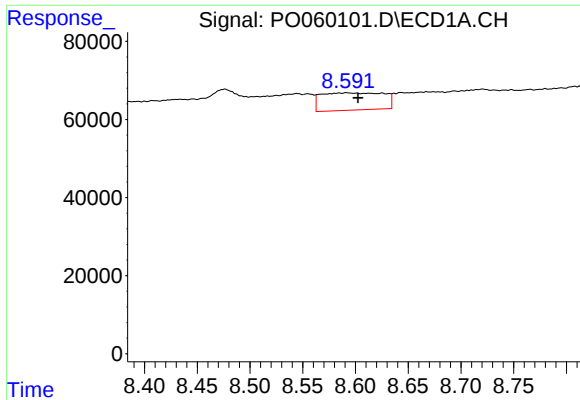
#42 AR-1268-2

R.T.: 8.349 min
Delta R.T.: 0.008 min
Response: 152126
Conc: 19.30 ng/ml



#42 AR-1268-2

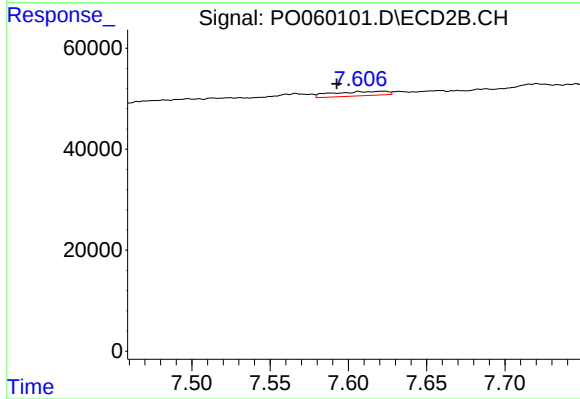
R.T.: 0.000 min
Exp R.T.: 7.376 min
Response: 0
Conc: N.D.



#43 AR-1268-3

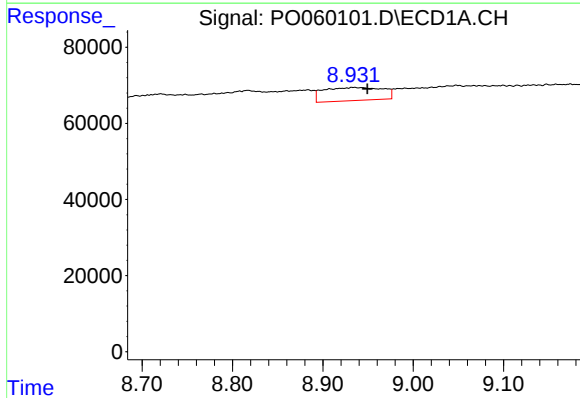
R.T.: 8.592 min
Delta R.T.: -0.011 min
Response: 182707
Conc: 25.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



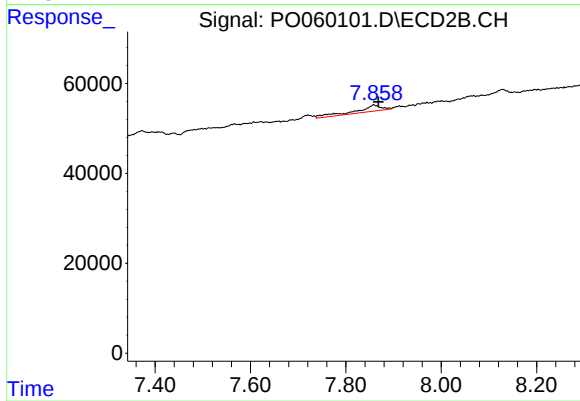
#43 AR-1268-3

R.T.: 7.607 min
Delta R.T.: 0.014 min
Response: 20637
Conc: 3.77 ng/ml



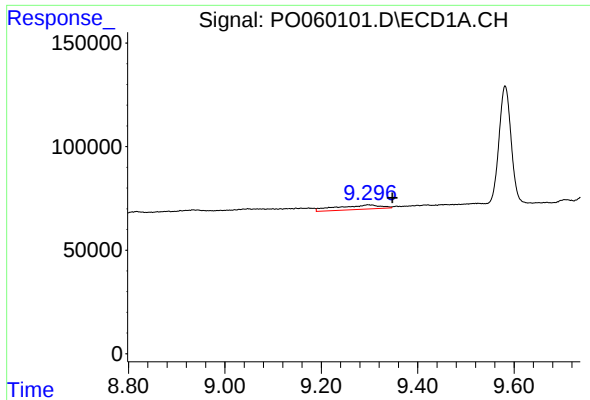
#44 AR-1268-4

R.T.: 8.935 min
Delta R.T.: -0.015 min
Response: 156613
Conc: 56.33 ng/ml



#44 AR-1268-4

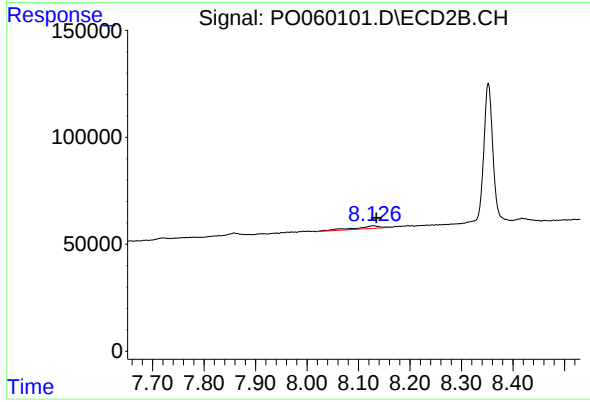
R.T.: 7.858 min
Delta R.T.: -0.010 min
Response: 53425
Conc: 26.17 ng/ml



#45 AR-1268-5

R.T.: 9.297 min
Delta R.T.: -0.051 min
Response: 134769
Conc: 7.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3422



#45 AR-1268-5

R.T.: 8.128 min
Delta R.T.: -0.006 min
Response: 45989
Conc: 3.17 ng/ml