

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
 Data File : P0060472.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Sep 2019 3:51
 Operator : SM/AJ
 Sample : K4716-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 04:40:50 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...	4.103	3.486	1456468	1200436	41.598	33.349
2)	SA Decachlor...	9.548	8.335	1000407	794712	18.805	19.710
Target Compounds							
3)	L1 AR-1016-1	5.258	0.000	4791	0	2.987	N.D. #
4)	L1 AR-1016-2	5.272	0.000	2371	0	0.991	N.D. #
5)	L1 AR-1016-3	5.356	0.000	2183	0	1.465	N.D. #
6)	L1 AR-1016-4	5.392	0.000	8817	0	7.289	N.D. #
7)	L1 AR-1016-5	5.713	4.917	9411	9099	7.329	7.898
8)	L2 AR-1221-1	4.403	0.000	18566	0	43.843	N.D. #
9)	L2 AR-1221-2	4.403	0.000	18566	0	57.163	N.D. #
10)	L2 AR-1221-3	4.483	3.893	12056	4804	11.461	4.909 #
11)	L3 AR-1232-1	4.483	3.893	12056	4804	9.672	4.213 #
13)	L3 AR-1232-3	5.272	0.000	2371	0	1.548	N.D. #
14)	L3 AR-1232-4	5.517	4.917	1224	9099	1.566	14.914 #
15)	L3 AR-1232-5	5.517	4.917	1224	9099	2.036	13.366 #
16)	L4 AR-1242-1	5.272	0.000	2371	0	1.868	N.D. #
17)	L4 AR-1242-2	5.272	0.000	2371	0	1.278	N.D. #
18)	L4 AR-1242-3	5.356	0.000	2183	0	1.867	N.D. #
19)	L4 AR-1242-4	5.517	4.917	1224	9099	1.265	10.904 #
20)	L4 AR-1242-5	6.232	5.285	10803	8860	8.597	7.920
21)	L5 AR-1248-1	5.272	0.000	2371	0	2.365	N.D. #
22)	L5 AR-1248-2	5.517	0.000	1224	0	0.844	N.D. #
23)	L5 AR-1248-3	5.713	0.000	9411	0	5.662	N.D. #
24)	L5 AR-1248-4	6.110	4.917	30461	9099	14.902	6.262 #
25)	L5 AR-1248-5	6.186	5.285	32885	8860	16.583	6.190 #
26)	L6 AR-1254-1	6.110	5.285	30461	8860	14.600	3.735 #
27)	L6 AR-1254-2	6.304	5.519	42753	279895	12.815	133.391 #
28)	L6 AR-1254-3	6.689	5.852	30821	79016	8.686	23.499 #
29)	L6 AR-1254-4	6.946	6.079	30487	14775	10.350	7.166 #
30)	L6 AR-1254-5	7.361	6.485	114448	86035	37.009	27.709 #
31)	L7 AR-1260-1	6.820	5.977	51214	38562	18.997	16.921
32)	L7 AR-1260-2	7.076	6.164	134391	46318	36.219	15.809 #
33)	L7 AR-1260-3	7.428	6.311	62916	38612	19.203	14.575
34)	L7 AR-1260-4	7.654	6.771	95238	27170	31.009	12.008 #
35)	L7 AR-1260-5	7.963	7.016	122343	69973	17.278	12.715 #
36)	L8 AR-1262-1	7.546	6.514	17560	34934	3.618	9.372 #
37)	L8 AR-1262-2	8.008	7.016	41736	69973	5.409	11.902 #
38)	L8 AR-1262-3	8.320	7.290	142810	24913	27.989	9.805 #
39)	L8 AR-1262-4	8.320	7.356	142810	58831	37.048	13.313 #
40)	L8 AR-1262-5	8.958	7.848	13442	27694	5.238	15.338 #
41)	L9 AR-1268-1	8.320	7.290	142810	24913	15.175	3.499 #
42)	L9 AR-1268-2	8.320	7.356	142810	58831	18.117	9.124 #

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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
43) L9	AR-1268-3	8.621	7.550	46332	12232	6.573	2.236 #
44) L9	AR-1268-4	8.958	7.848	13442	27694	4.835	13.567 #
45) L9	AR-1268-5	9.386	8.112	61083	36783	3.312	2.532

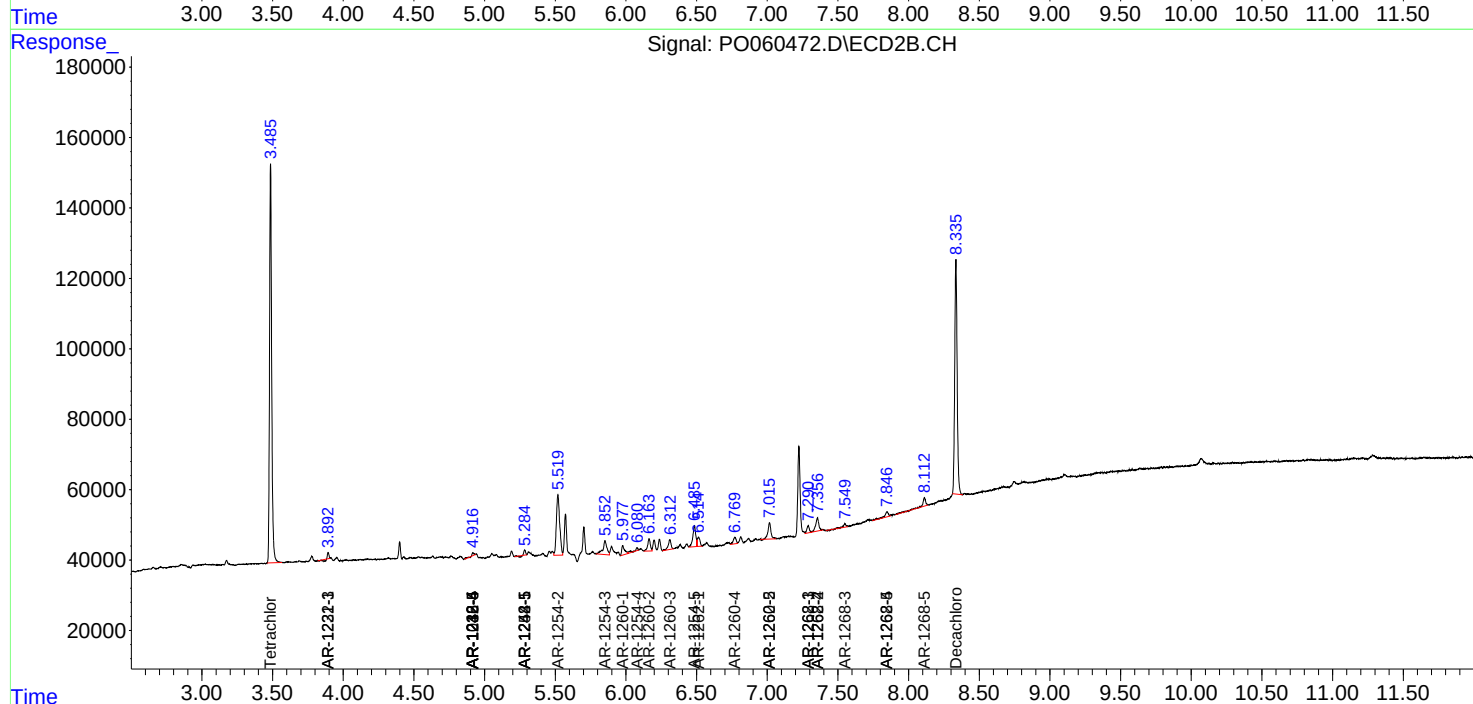
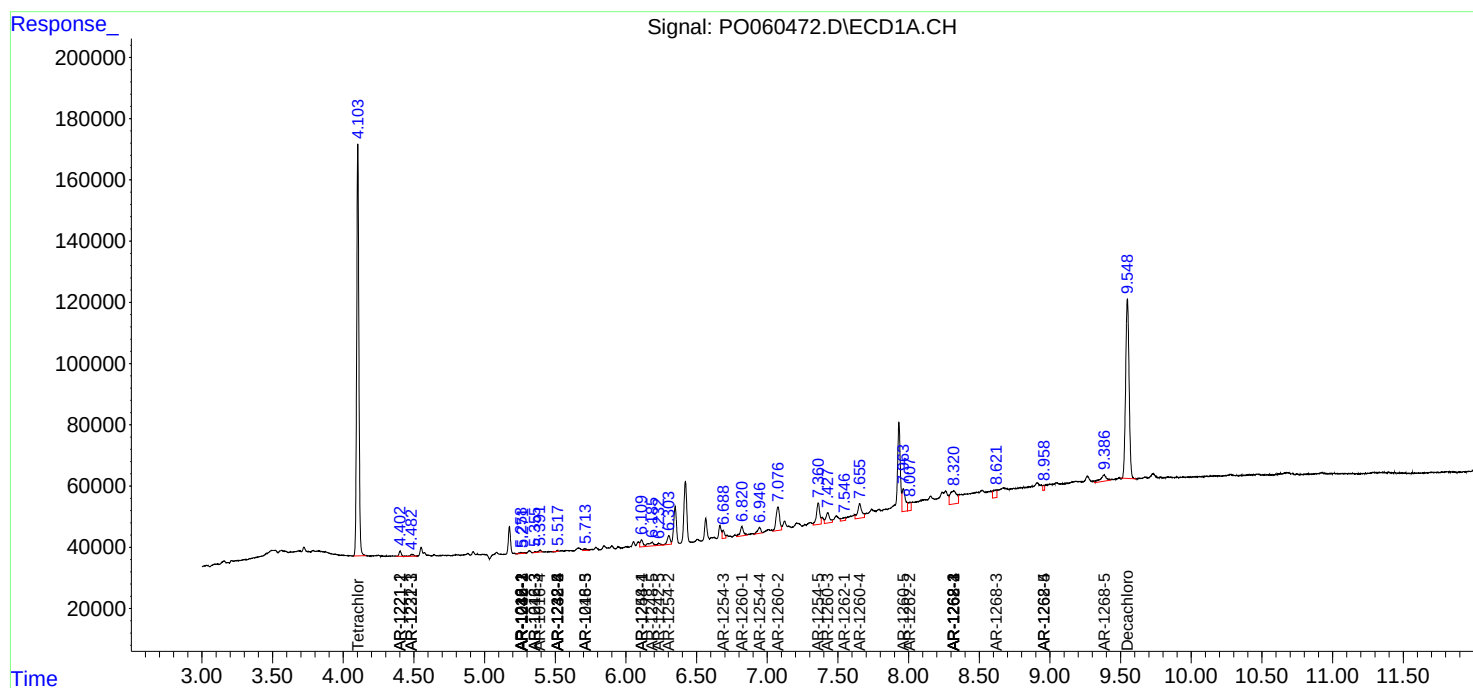
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

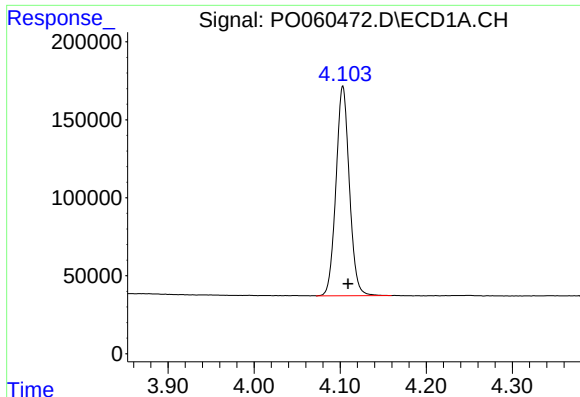
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Data File : P0060472.D
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Misc :
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ECD_O
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

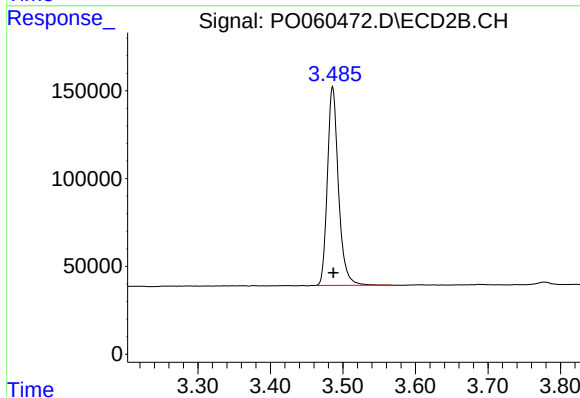




#1 Tetrachloro-m-xylene

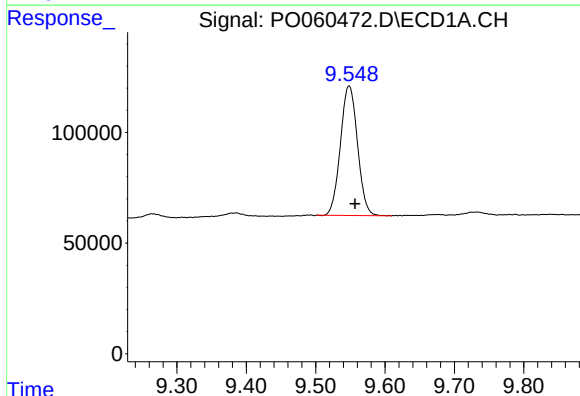
R.T.: 4.103 min
Delta R.T.: -0.006 min
Response: 1456468
Conc: 41.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



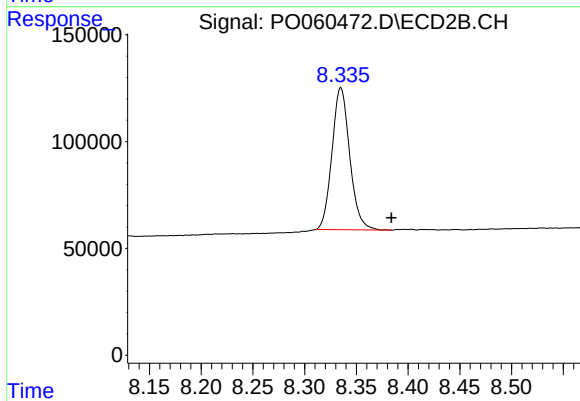
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: -0.001 min
Response: 1200436
Conc: 33.35 ng/ml



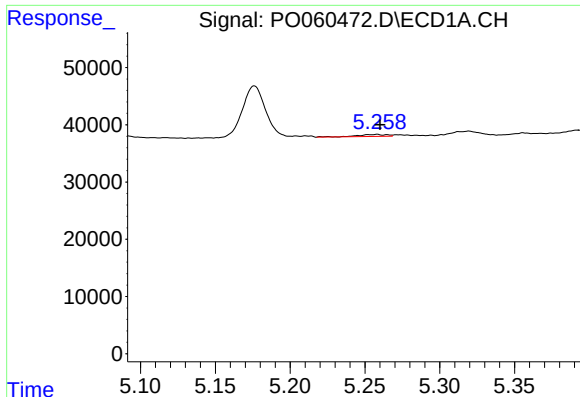
#2 Decachlorobiphenyl

R.T.: 9.548 min
Delta R.T.: -0.009 min
Response: 1000407
Conc: 18.80 ng/ml



#2 Decachlorobiphenyl

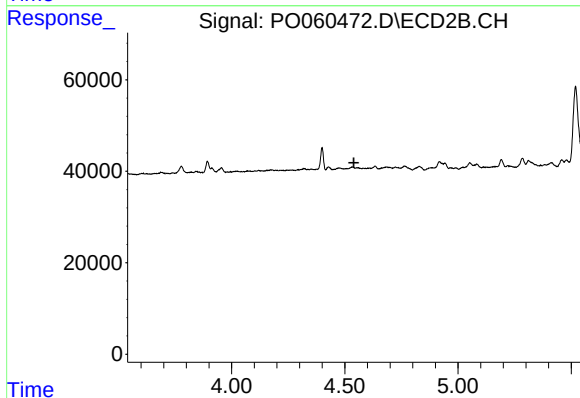
R.T.: 8.335 min
Delta R.T.: -0.049 min
Response: 794712
Conc: 19.71 ng/ml



#3 AR-1016-1

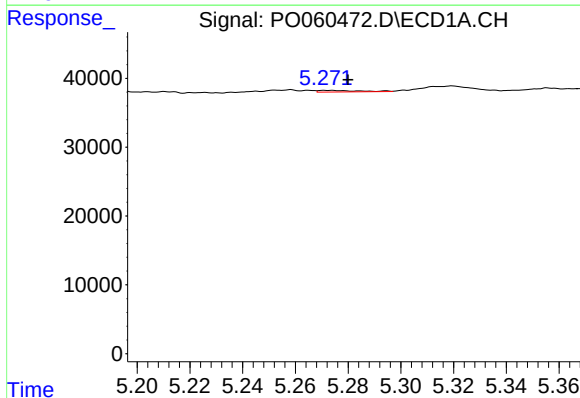
R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 4791
Conc: 2.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



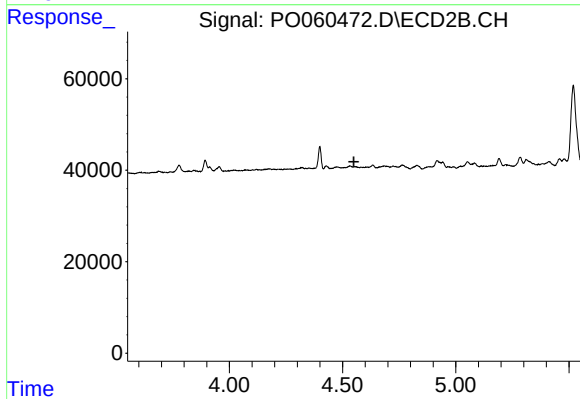
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.540 min
Response: 0
Conc: N.D.



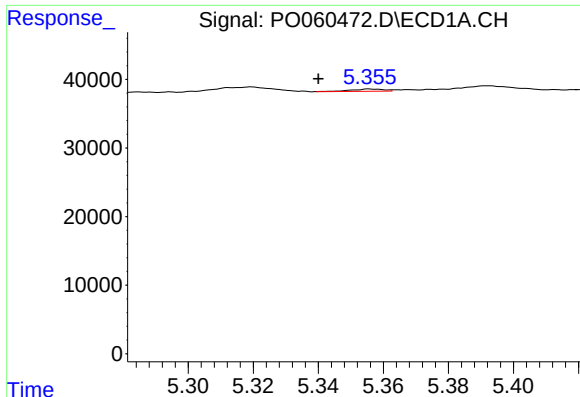
#4 AR-1016-2

R.T.: 5.272 min
Delta R.T.: -0.008 min
Response: 2371
Conc: 0.99 ng/ml



#4 AR-1016-2

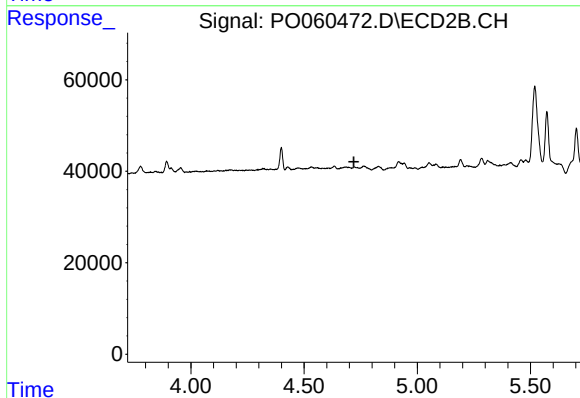
R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#5 AR-1016-3

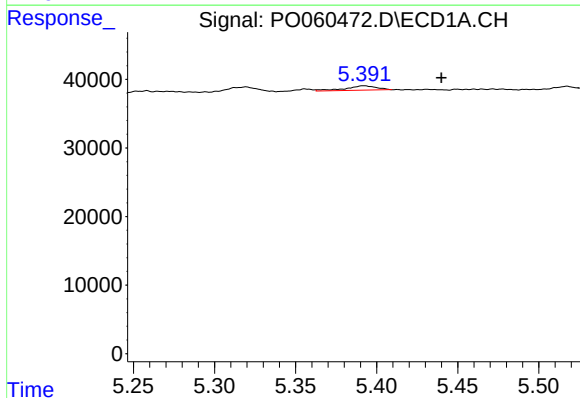
R.T.: 5.356 min
Delta R.T.: 0.016 min
Response: 2183
Conc: 1.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



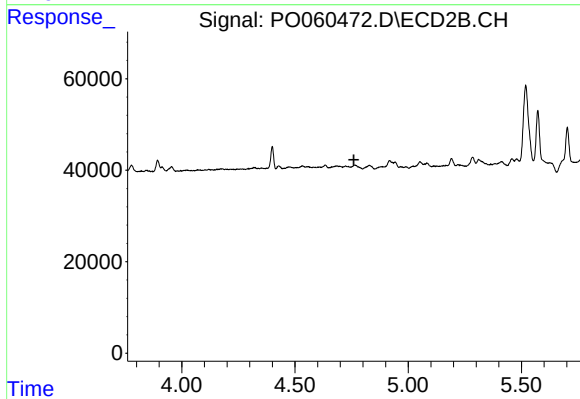
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.720 min
Response: 0
Conc: N.D.



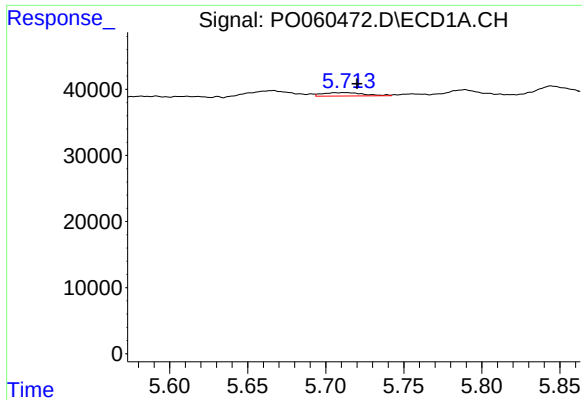
#6 AR-1016-4

R.T.: 5.392 min
Delta R.T.: -0.048 min
Response: 8817
Conc: 7.29 ng/ml



#6 AR-1016-4

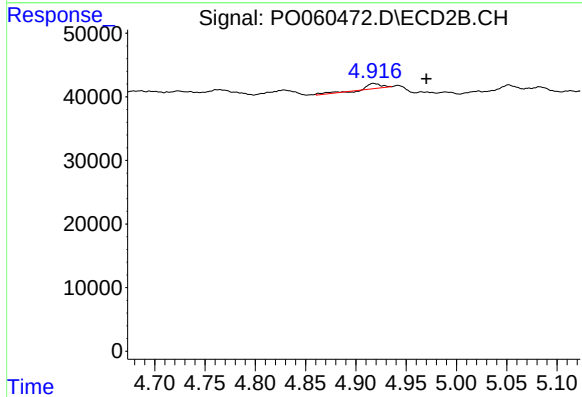
R.T.: 0.000 min
Exp R.T. : 4.760 min
Response: 0
Conc: N.D.



#7 AR-1016-5

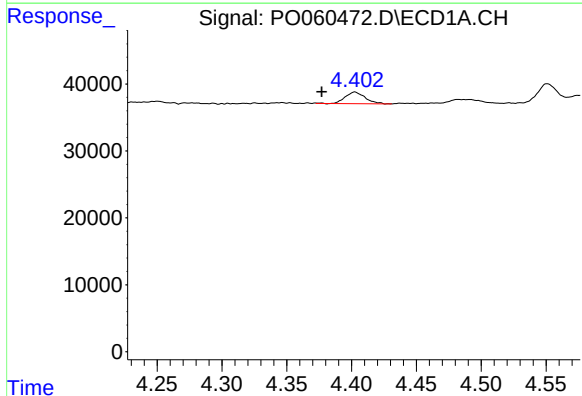
R.T.: 5.713 min
Delta R.T.: -0.007 min
Response: 9411
Conc: 7.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



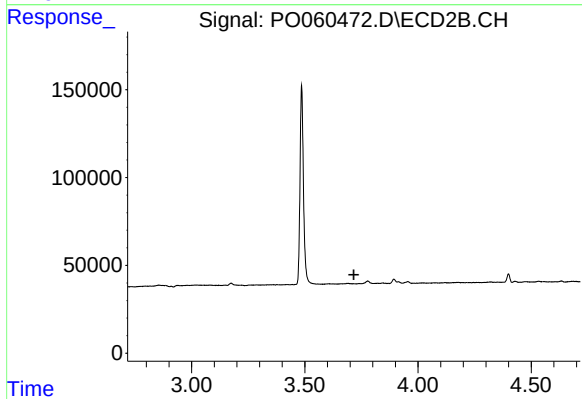
#7 AR-1016-5

R.T.: 4.917 min
Delta R.T.: -0.053 min
Response: 9099
Conc: 7.90 ng/ml



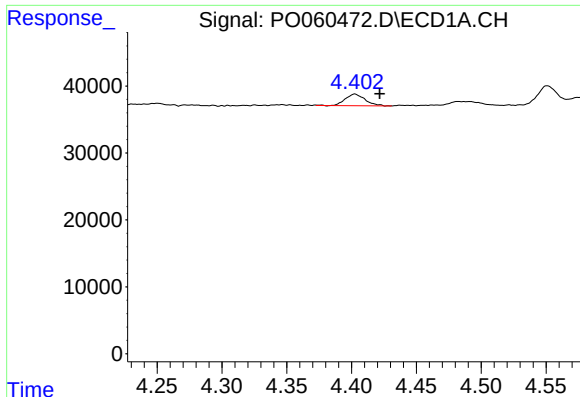
#8 AR-1221-1

R.T.: 4.403 min
Delta R.T.: 0.026 min
Response: 18566
Conc: 43.84 ng/ml



#8 AR-1221-1

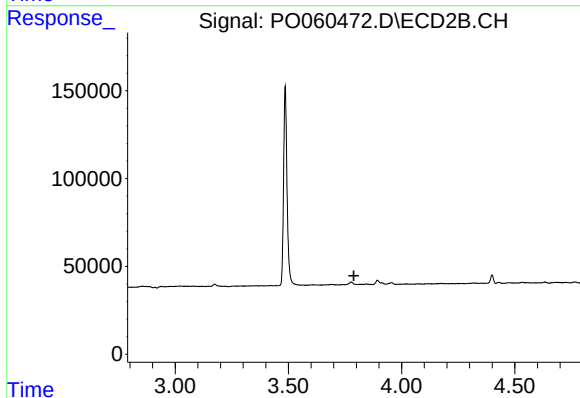
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

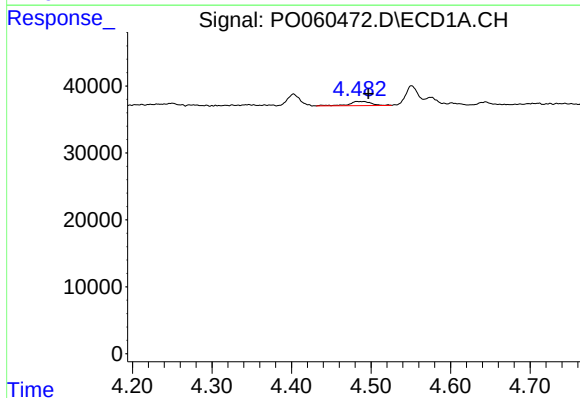
R.T.: 4.403 min
Delta R.T.: -0.019 min
Response: 18566
Conc: 57.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



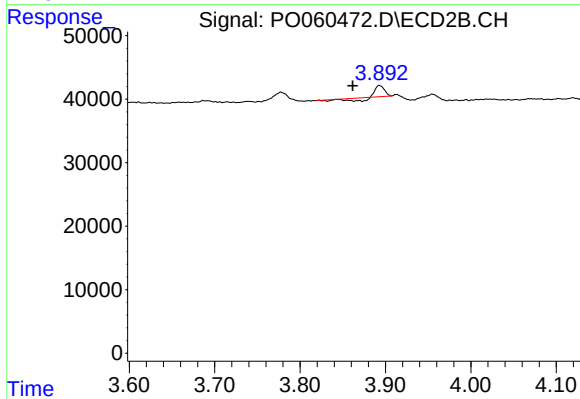
#9 AR-1221-2

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



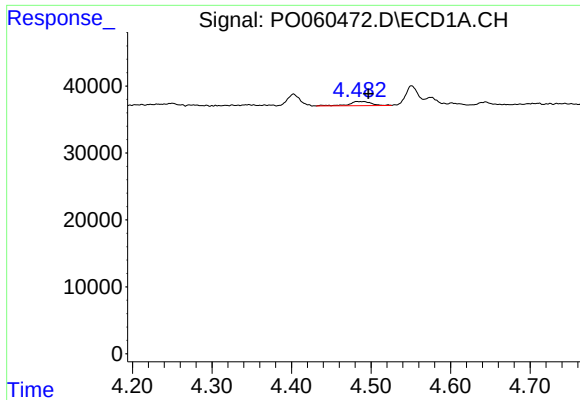
#10 AR-1221-3

R.T.: 4.483 min
Delta R.T.: -0.014 min
Response: 12056
Conc: 11.46 ng/ml



#10 AR-1221-3

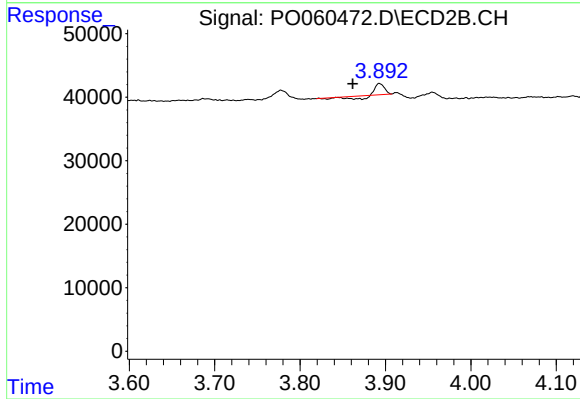
R.T.: 3.893 min
Delta R.T.: 0.031 min
Response: 4804
Conc: 4.91 ng/ml



#11 AR-1232-1

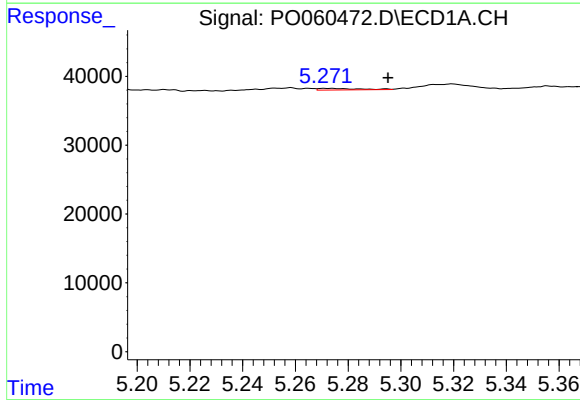
R.T.: 4.483 min
Delta R.T.: -0.014 min
Response: 12056
Conc: 9.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



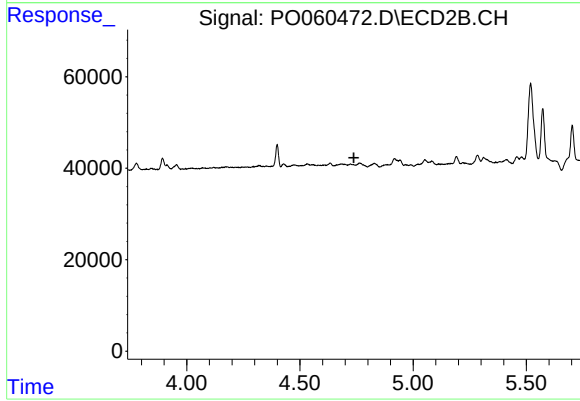
#11 AR-1232-1

R.T.: 3.893 min
Delta R.T.: 0.031 min
Response: 4804
Conc: 4.21 ng/ml



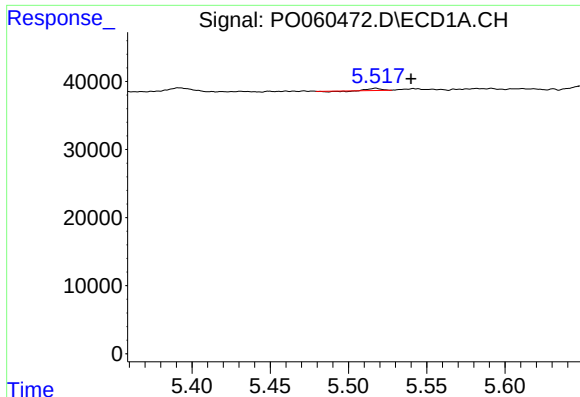
#13 AR-1232-3

R.T.: 5.272 min
Delta R.T.: -0.023 min
Response: 2371
Conc: 1.55 ng/ml



#13 AR-1232-3

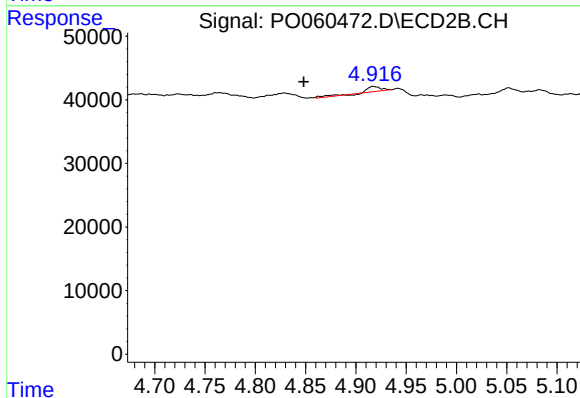
R.T.: 0.000 min
Exp R.T.: 4.738 min
Response: 0
Conc: N.D.



#14 AR-1232-4

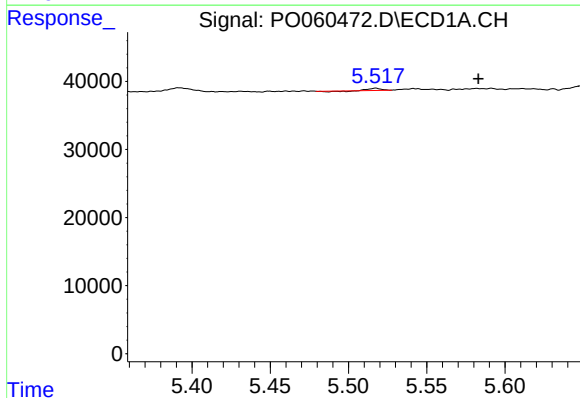
R.T.: 5.517 min
Delta R.T.: -0.023 min
Response: 1224
Conc: 1.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



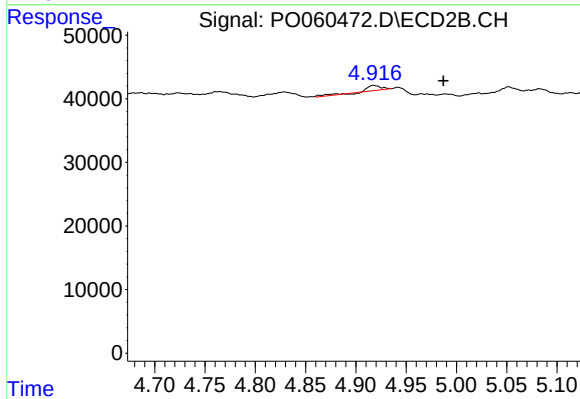
#14 AR-1232-4

R.T.: 4.917 min
Delta R.T.: 0.069 min
Response: 9099
Conc: 14.91 ng/ml



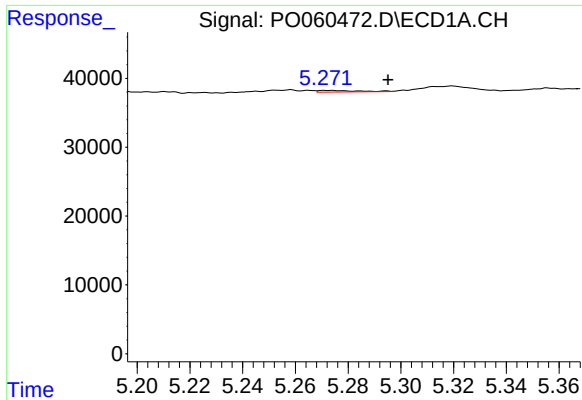
#15 AR-1232-5

R.T.: 5.517 min
Delta R.T.: -0.066 min
Response: 1224
Conc: 2.04 ng/ml



#15 AR-1232-5

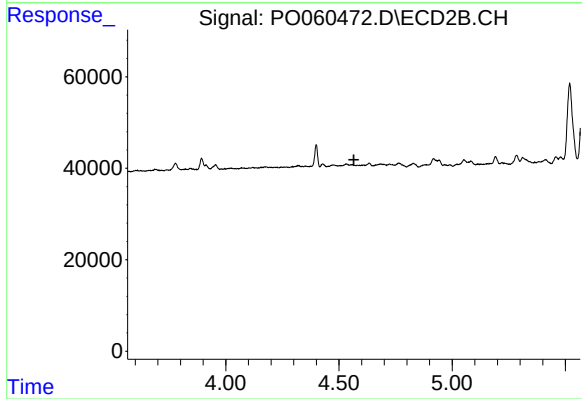
R.T.: 4.917 min
Delta R.T.: -0.070 min
Response: 9099
Conc: 13.37 ng/ml



#16 AR-1242-1

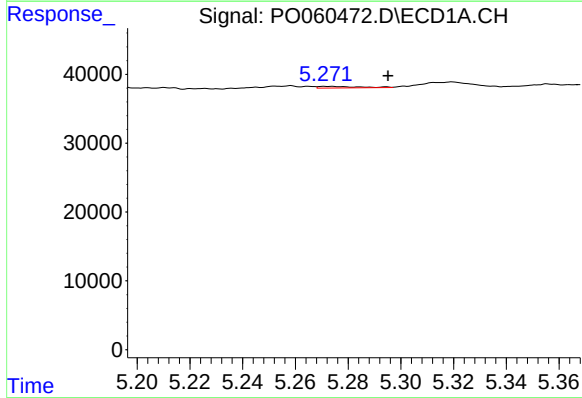
R.T.: 5.272 min
Delta R.T.: -0.023 min
Response: 2371
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



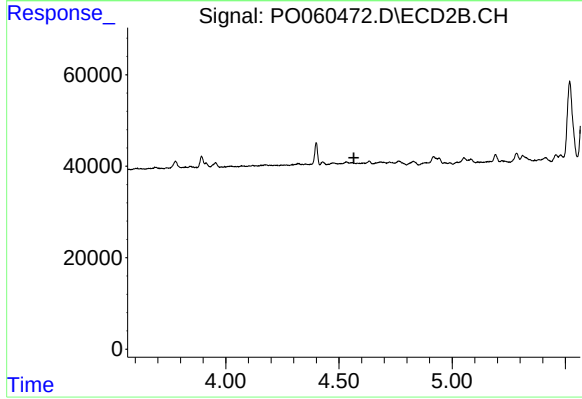
#16 AR-1242-1

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



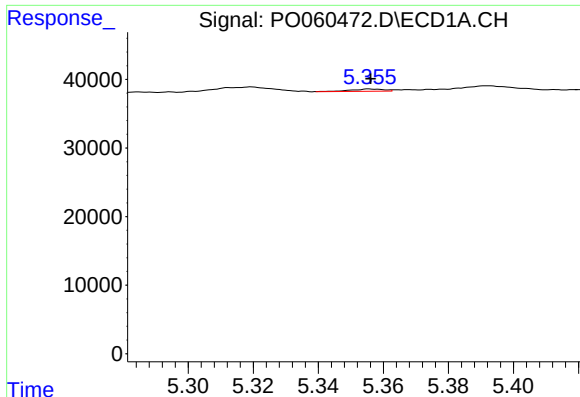
#17 AR-1242-2

R.T.: 5.272 min
Delta R.T.: -0.023 min
Response: 2371
Conc: 1.28 ng/ml



#17 AR-1242-2

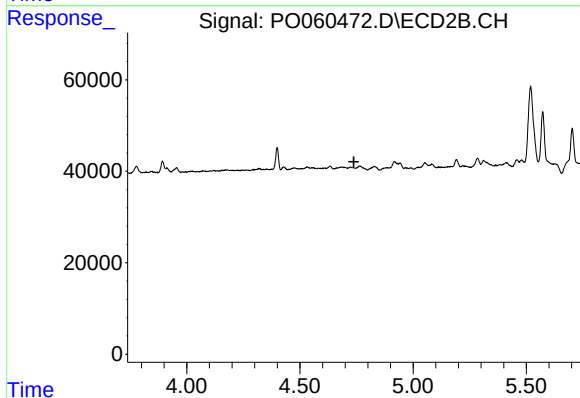
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#18 AR-1242-3

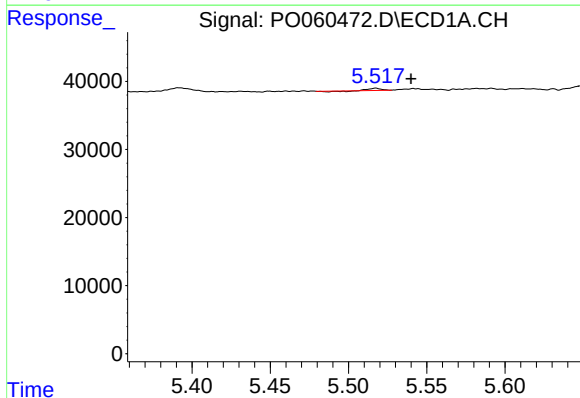
R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 2183
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



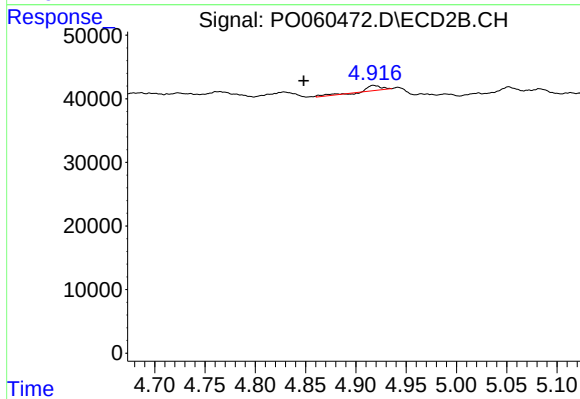
#18 AR-1242-3

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



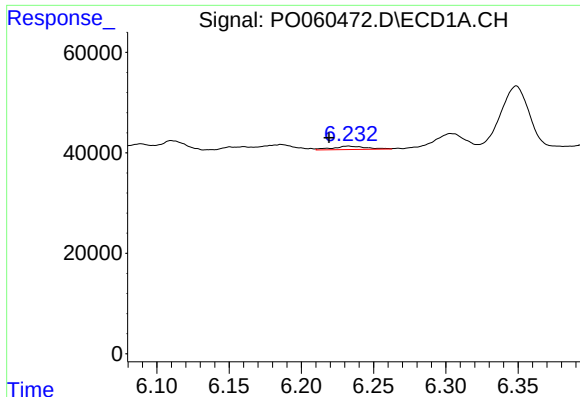
#19 AR-1242-4

R.T.: 5.517 min
Delta R.T.: -0.023 min
Response: 1224
Conc: 1.26 ng/ml



#19 AR-1242-4

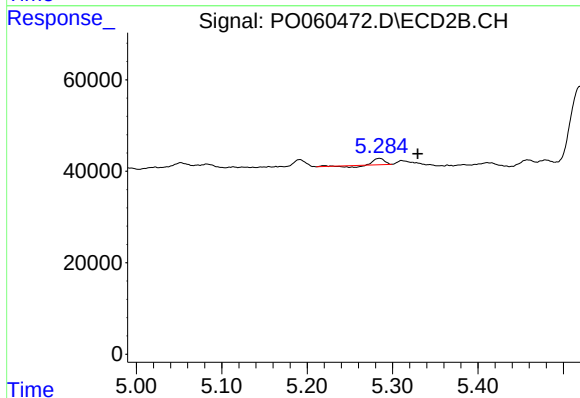
R.T.: 4.917 min
Delta R.T.: 0.069 min
Response: 9099
Conc: 10.90 ng/ml



#20 AR-1242-5

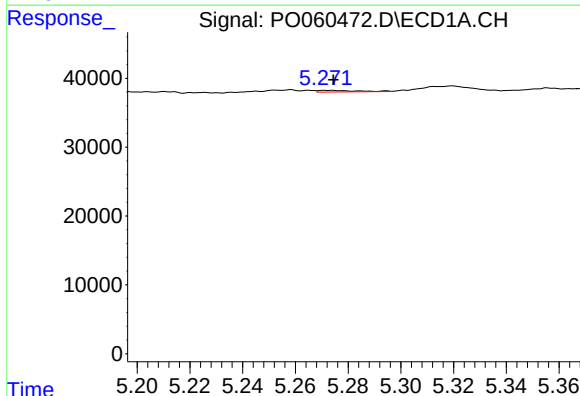
R.T.: 6.232 min
Delta R.T.: 0.013 min
Response: 10803
Conc: 8.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



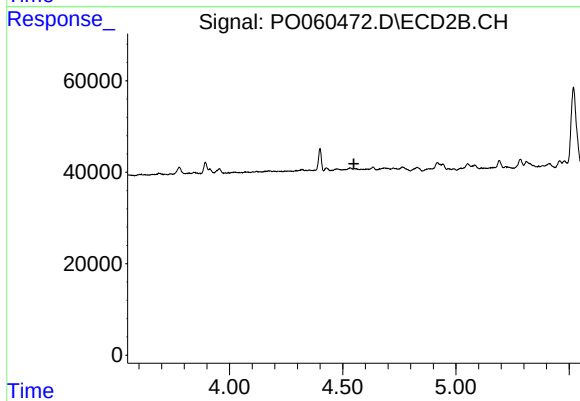
#20 AR-1242-5

R.T.: 5.285 min
Delta R.T.: -0.045 min
Response: 8860
Conc: 7.92 ng/ml



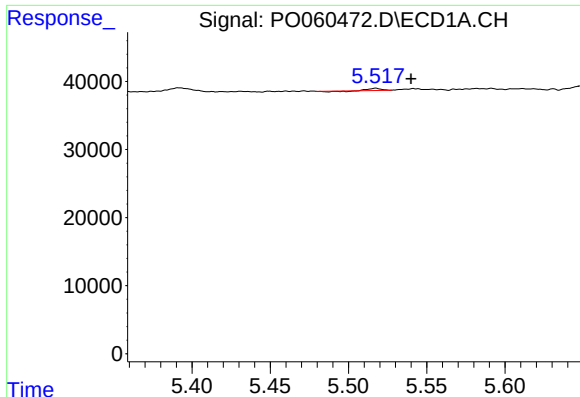
#21 AR-1248-1

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 2371
Conc: 2.37 ng/ml



#21 AR-1248-1

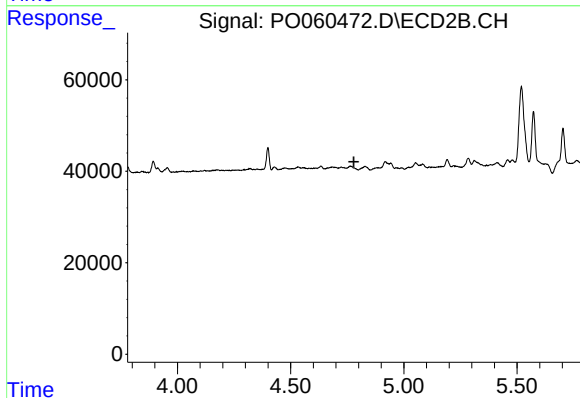
R.T.: 0.000 min
Exp R.T.: 4.550 min
Response: 0
Conc: N.D.



#22 AR-1248-2

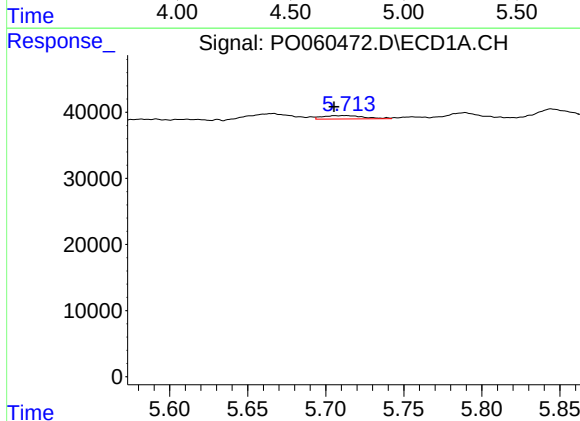
R.T.: 5.517 min
Delta R.T.: -0.023 min
Response: 1224
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



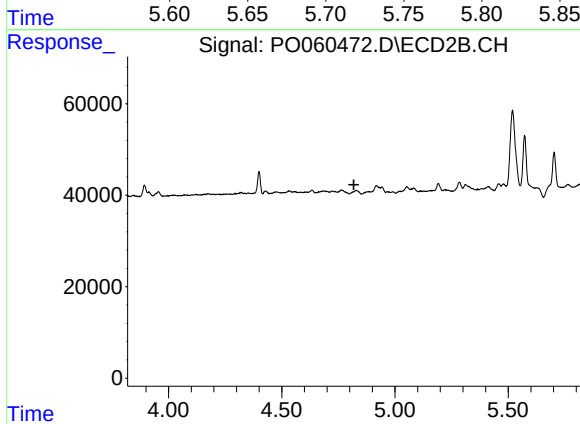
#22 AR-1248-2

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



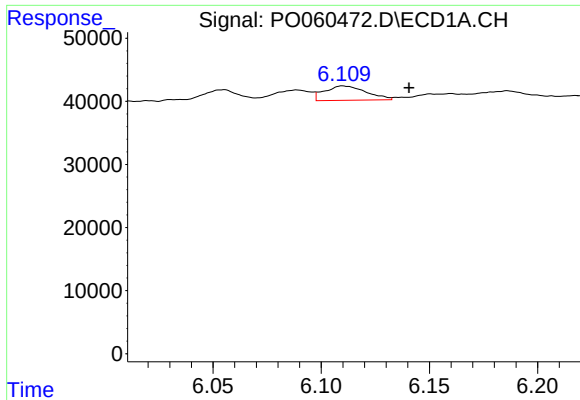
#23 AR-1248-3

R.T.: 5.713 min
Delta R.T.: 0.007 min
Response: 9411
Conc: 5.66 ng/ml



#23 AR-1248-3

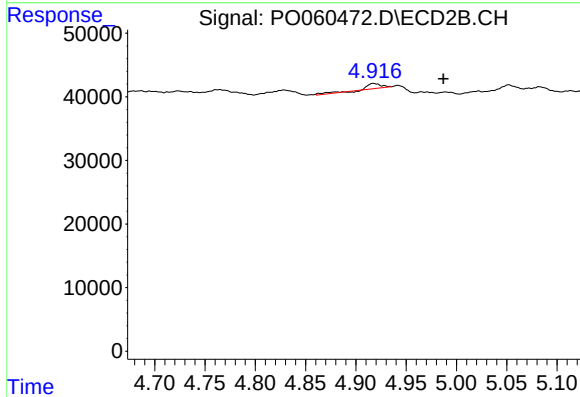
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#24 AR-1248-4

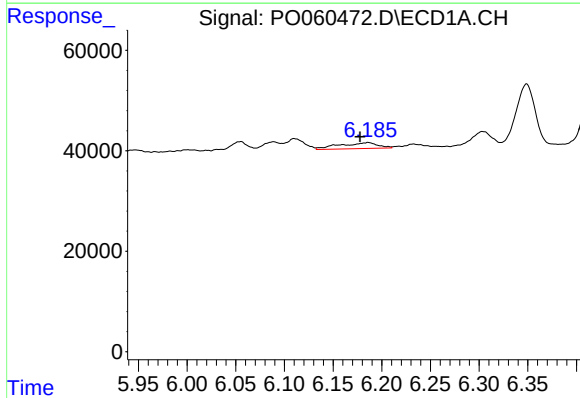
R.T.: 6.110 min
Delta R.T.: -0.030 min
Response: 30461
Conc: 14.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



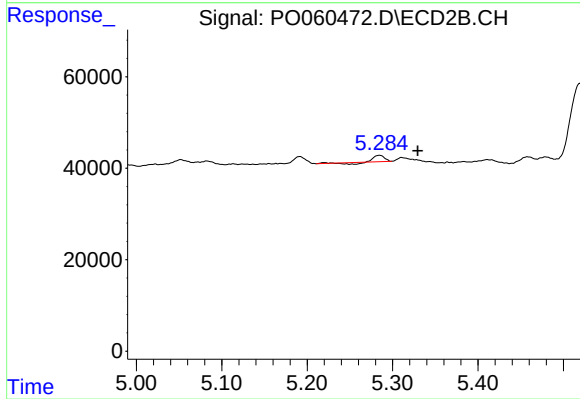
#24 AR-1248-4

R.T.: 4.917 min
Delta R.T.: -0.070 min
Response: 9099
Conc: 6.26 ng/ml



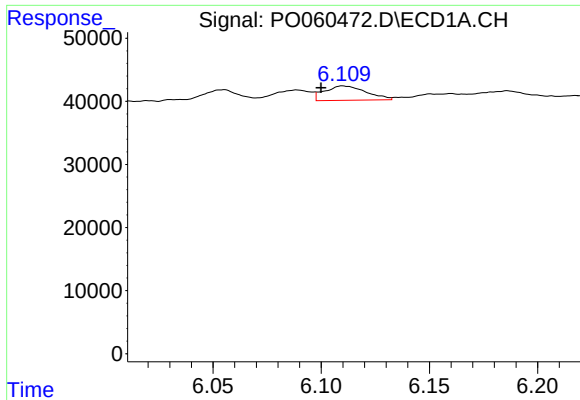
#25 AR-1248-5

R.T.: 6.186 min
Delta R.T.: 0.008 min
Response: 32885
Conc: 16.58 ng/ml



#25 AR-1248-5

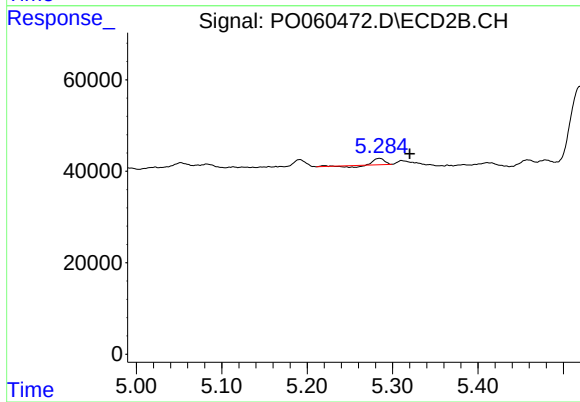
R.T.: 5.285 min
Delta R.T.: -0.045 min
Response: 8860
Conc: 6.19 ng/ml



#26 AR-1254-1

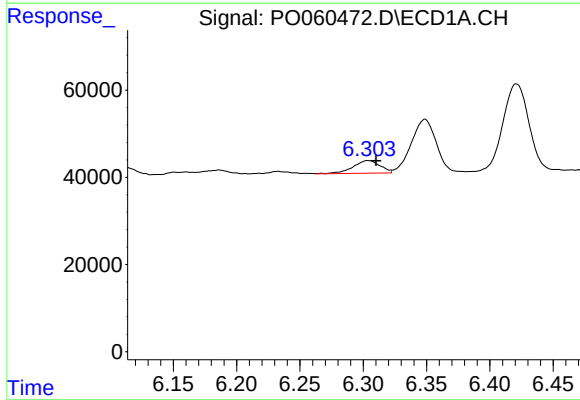
R.T.: 6.110 min
Delta R.T.: 0.010 min
Response: 30461
Conc: 14.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



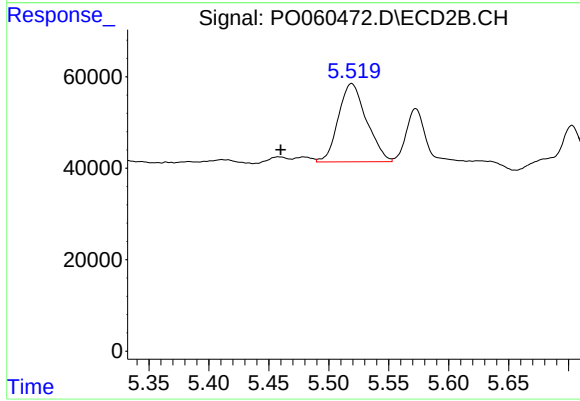
#26 AR-1254-1

R.T.: 5.285 min
Delta R.T.: -0.035 min
Response: 8860
Conc: 3.74 ng/ml



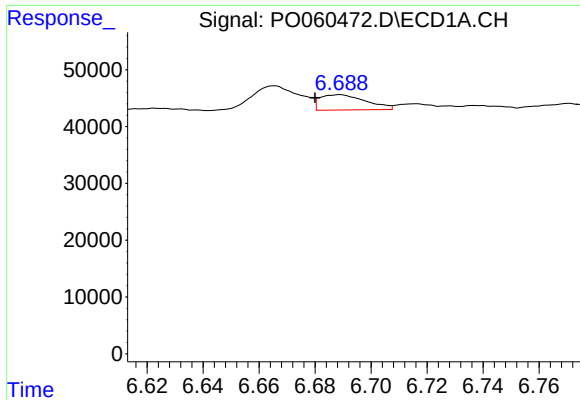
#27 AR-1254-2

R.T.: 6.304 min
Delta R.T.: -0.006 min
Response: 42753
Conc: 12.81 ng/ml



#27 AR-1254-2

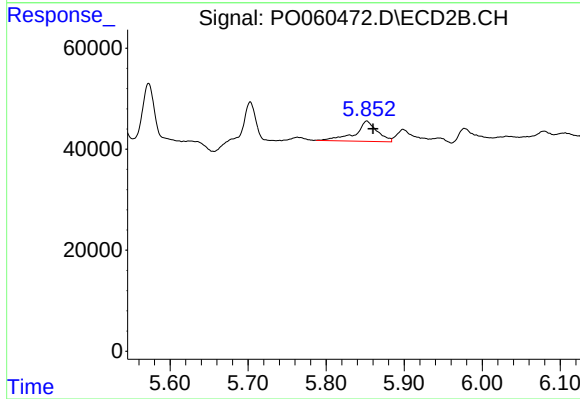
R.T.: 5.519 min
Delta R.T.: 0.059 min
Response: 279895
Conc: 133.39 ng/ml



#28 AR-1254-3

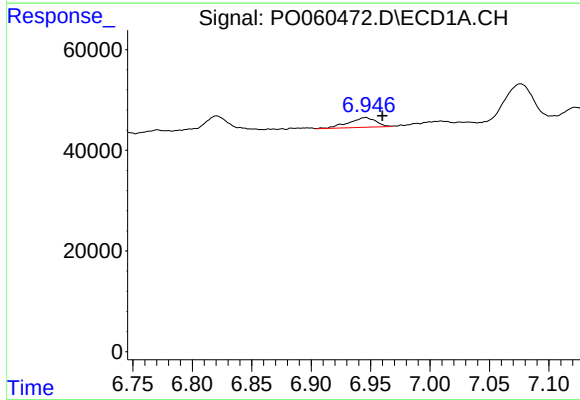
R.T.: 6.689 min
Delta R.T.: 0.009 min
Response: 30821
Conc: 8.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



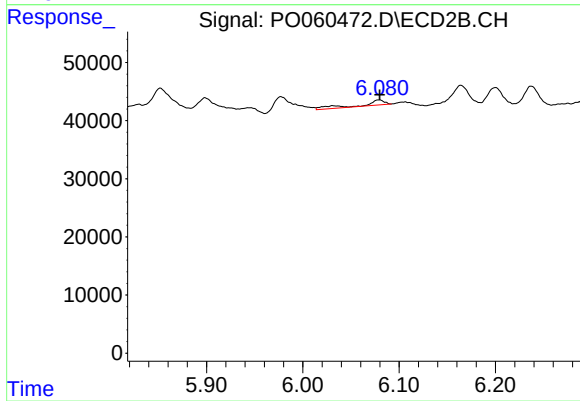
#28 AR-1254-3

R.T.: 5.852 min
Delta R.T.: -0.008 min
Response: 79016
Conc: 23.50 ng/ml



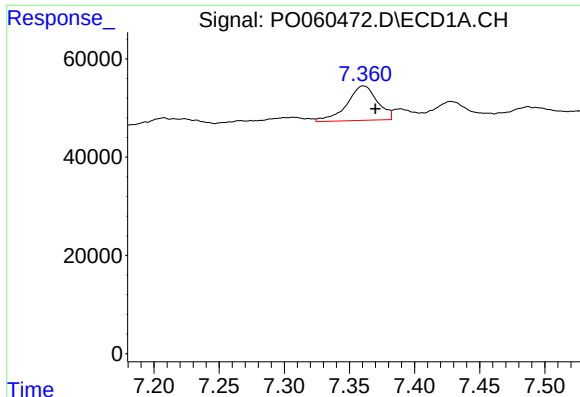
#29 AR-1254-4

R.T.: 6.946 min
Delta R.T.: -0.014 min
Response: 30487
Conc: 10.35 ng/ml



#29 AR-1254-4

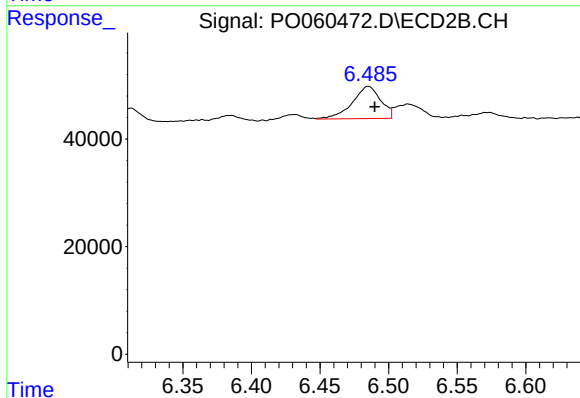
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 14775
Conc: 7.17 ng/ml



#30 AR-1254-5

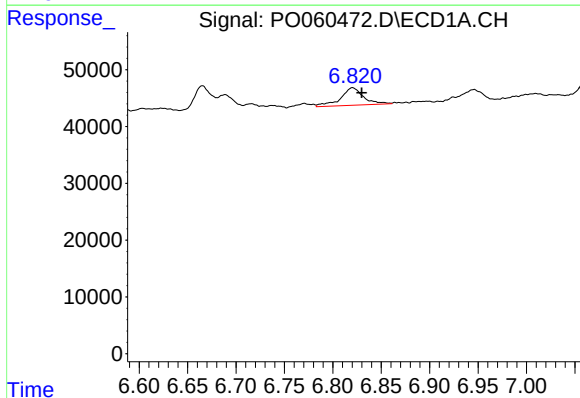
R.T.: 7.361 min
Delta R.T.: -0.009 min
Response: 114448
Conc: 37.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



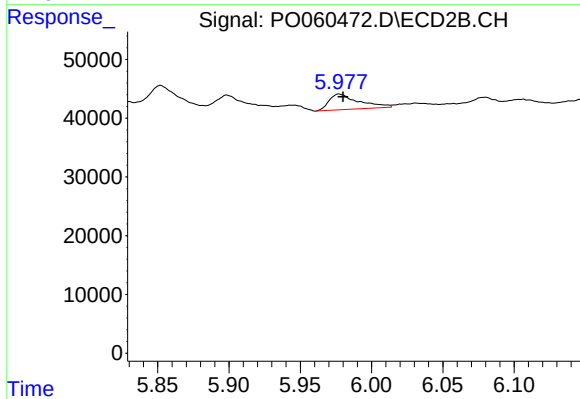
#30 AR-1254-5

R.T.: 6.485 min
Delta R.T.: -0.005 min
Response: 86035
Conc: 27.71 ng/ml



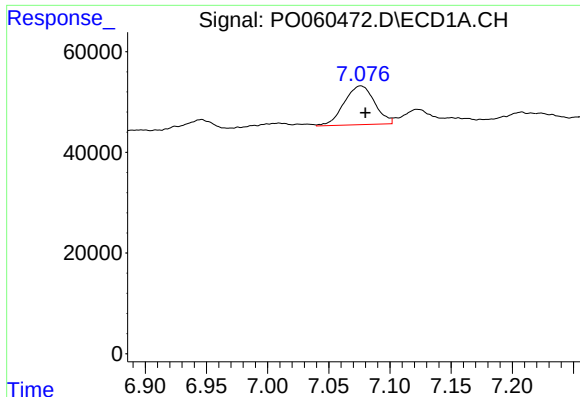
#31 AR-1260-1

R.T.: 6.820 min
Delta R.T.: -0.010 min
Response: 51214
Conc: 19.00 ng/ml



#31 AR-1260-1

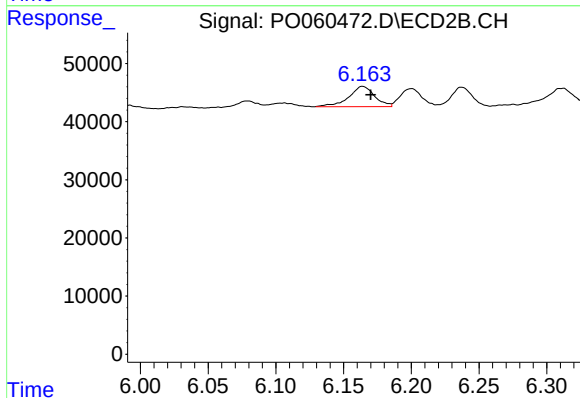
R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 38562
Conc: 16.92 ng/ml



#32 AR-1260-2

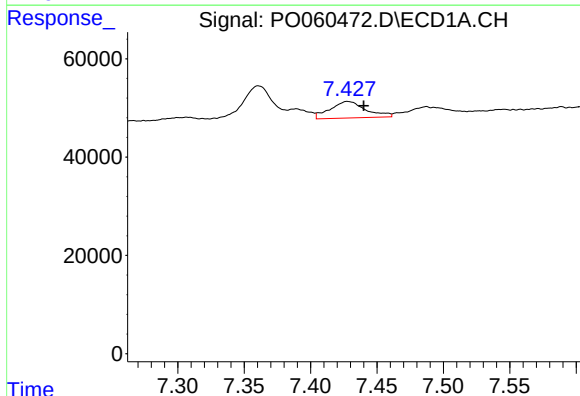
R.T.: 7.076 min
Delta R.T.: -0.004 min
Response: 134391
Conc: 36.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



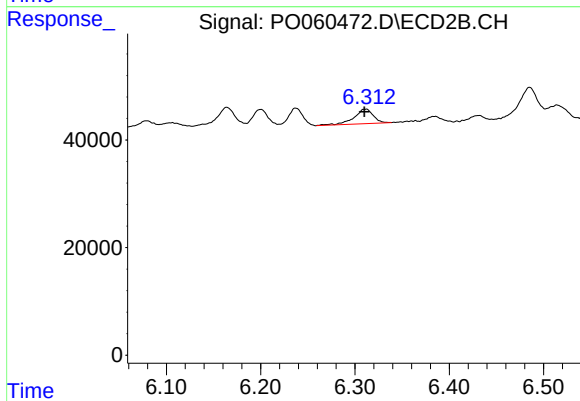
#32 AR-1260-2

R.T.: 6.164 min
Delta R.T.: -0.006 min
Response: 46318
Conc: 15.81 ng/ml



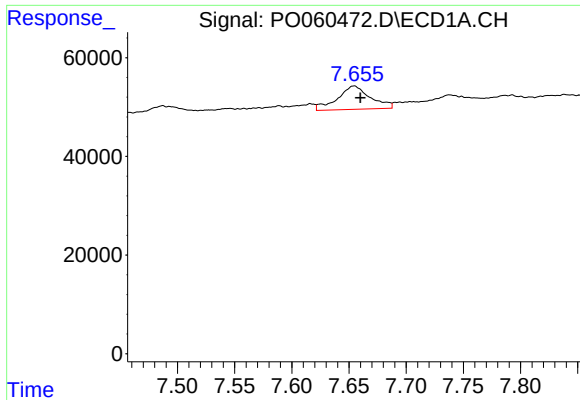
#33 AR-1260-3

R.T.: 7.428 min
Delta R.T.: -0.012 min
Response: 62916
Conc: 19.20 ng/ml



#33 AR-1260-3

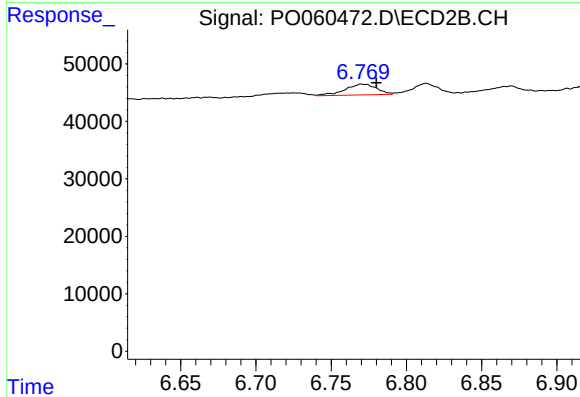
R.T.: 6.311 min
Delta R.T.: 0.001 min
Response: 38612
Conc: 14.58 ng/ml



#34 AR-1260-4

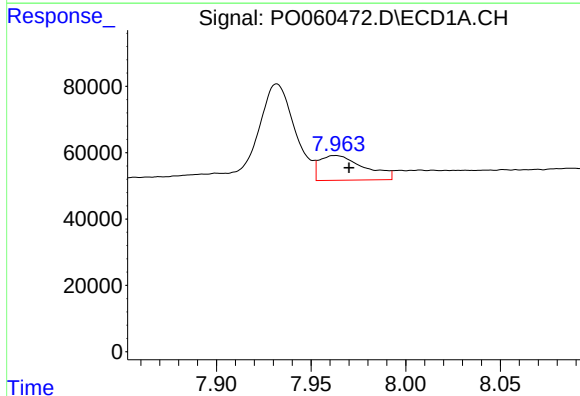
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 95238
Conc: 31.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



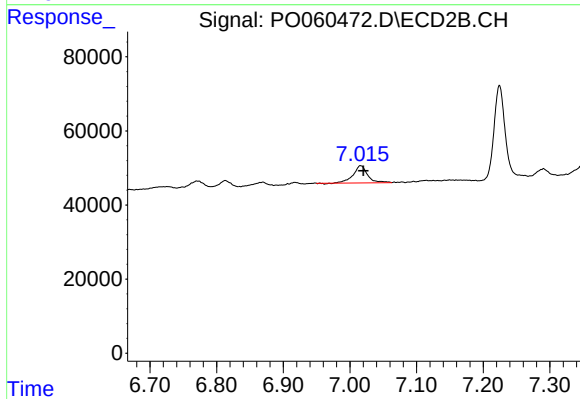
#34 AR-1260-4

R.T.: 6.771 min
Delta R.T.: -0.009 min
Response: 27170
Conc: 12.01 ng/ml



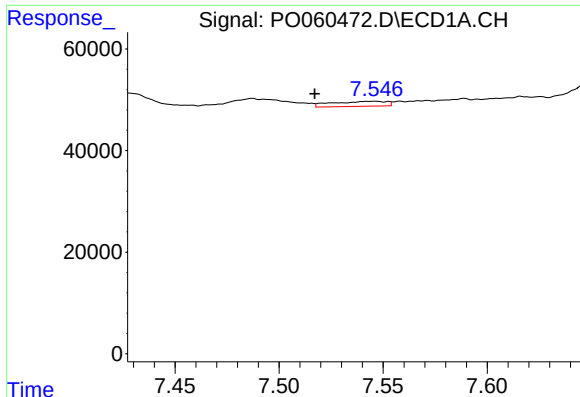
#35 AR-1260-5

R.T.: 7.963 min
Delta R.T.: -0.007 min
Response: 122343
Conc: 17.28 ng/ml



#35 AR-1260-5

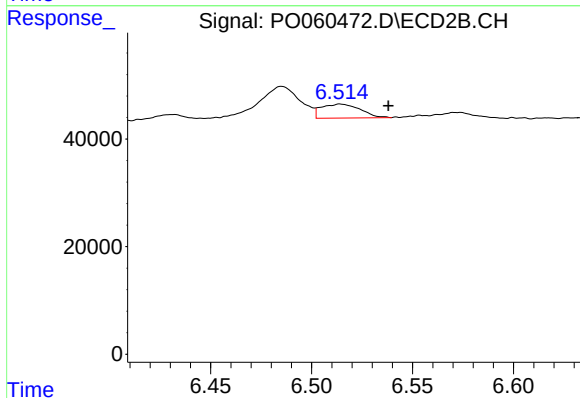
R.T.: 7.016 min
Delta R.T.: -0.004 min
Response: 69973
Conc: 12.71 ng/ml



#36 AR-1262-1

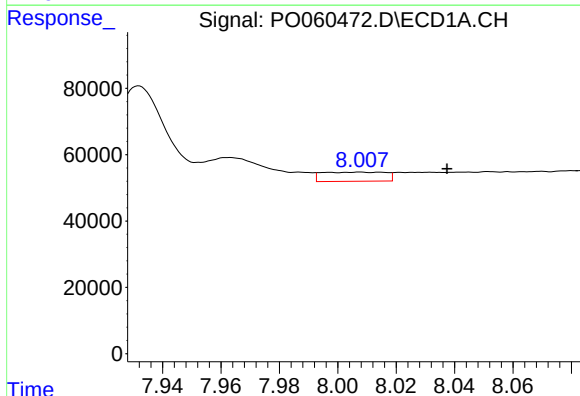
R.T.: 7.546 min
Delta R.T.: 0.029 min
Response: 17560
Conc: 3.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



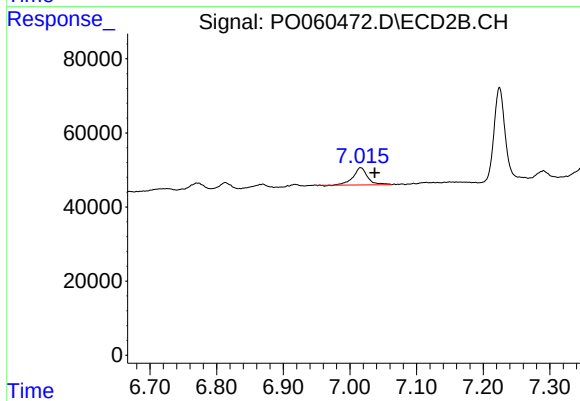
#36 AR-1262-1

R.T.: 6.514 min
Delta R.T.: -0.024 min
Response: 34934
Conc: 9.37 ng/ml



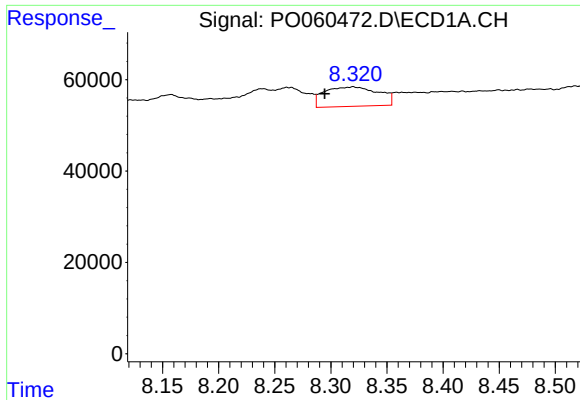
#37 AR-1262-2

R.T.: 8.008 min
Delta R.T.: -0.030 min
Response: 41736
Conc: 5.41 ng/ml



#37 AR-1262-2

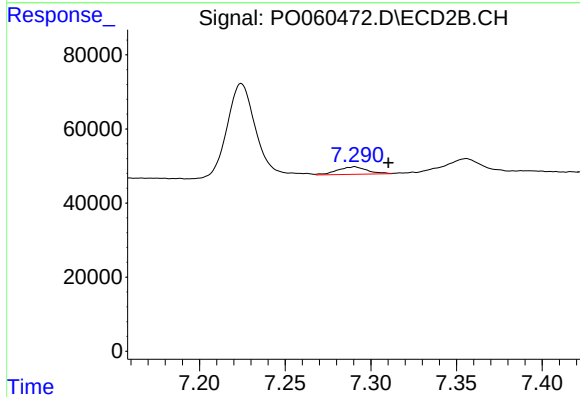
R.T.: 7.016 min
Delta R.T.: -0.021 min
Response: 69973
Conc: 11.90 ng/ml



#38 AR-1262-3

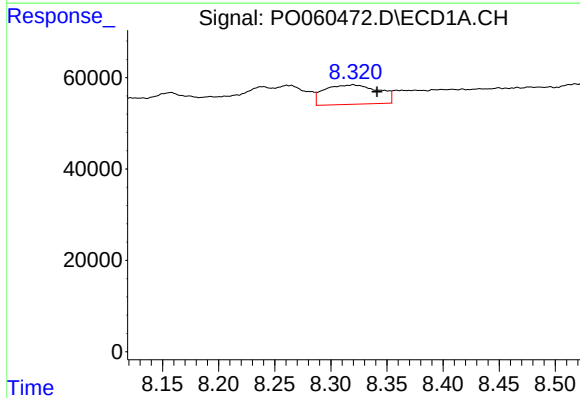
R.T.: 8.320 min
Delta R.T.: 0.025 min
Response: 142810
Conc: 27.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



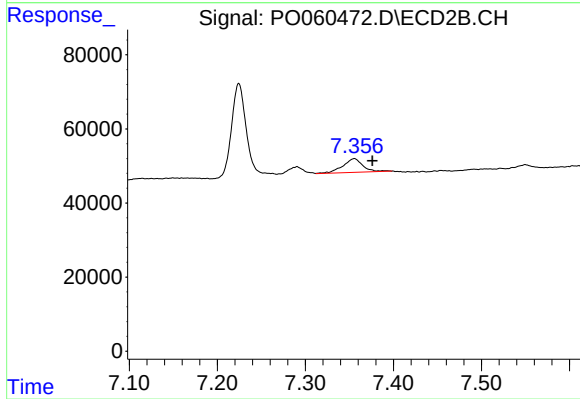
#38 AR-1262-3

R.T.: 7.290 min
Delta R.T.: -0.020 min
Response: 24913
Conc: 9.80 ng/ml



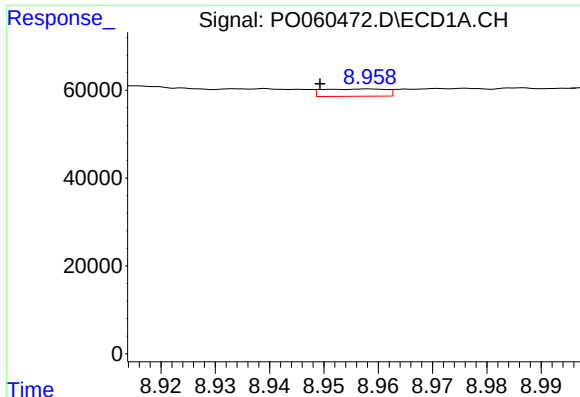
#39 AR-1262-4

R.T.: 8.320 min
Delta R.T.: -0.022 min
Response: 142810
Conc: 37.05 ng/ml



#39 AR-1262-4

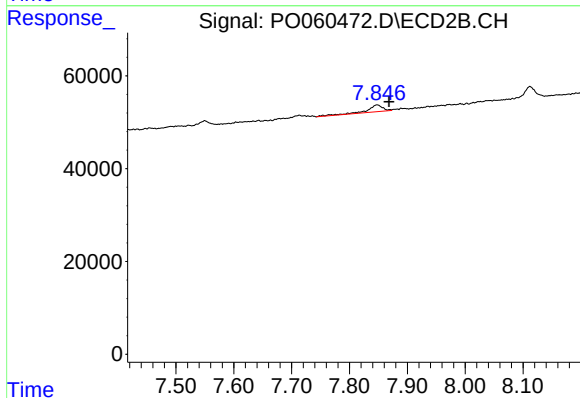
R.T.: 7.356 min
Delta R.T.: -0.021 min
Response: 58831
Conc: 13.31 ng/ml



#40 AR-1262-5

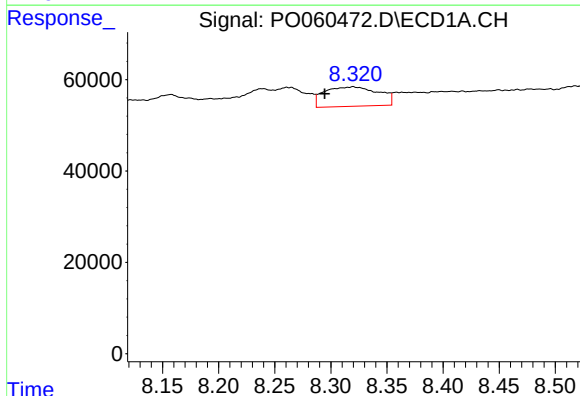
R.T.: 8.958 min
Delta R.T.: 0.009 min
Response: 13442
Conc: 5.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



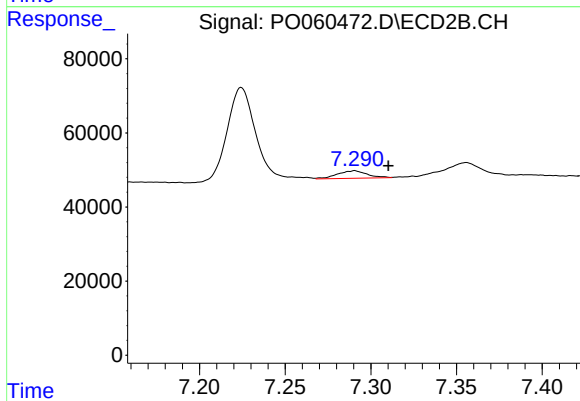
#40 AR-1262-5

R.T.: 7.848 min
Delta R.T.: -0.021 min
Response: 27694
Conc: 15.34 ng/ml



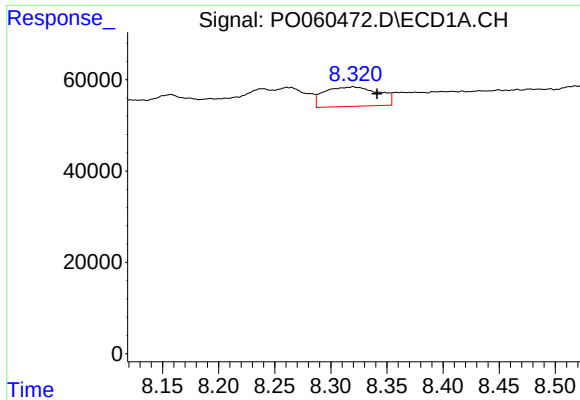
#41 AR-1268-1

R.T.: 8.320 min
Delta R.T.: 0.025 min
Response: 142810
Conc: 15.18 ng/ml



#41 AR-1268-1

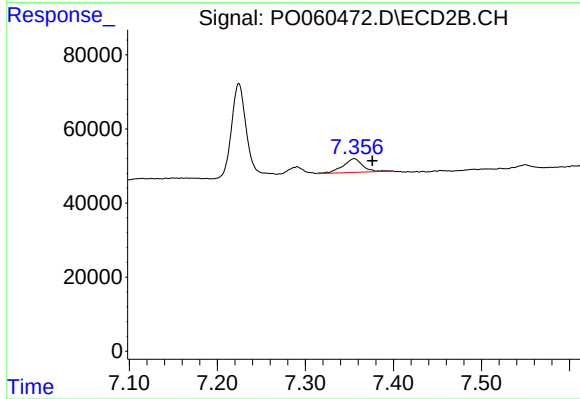
R.T.: 7.290 min
Delta R.T.: -0.020 min
Response: 24913
Conc: 3.50 ng/ml



#42 AR-1268-2

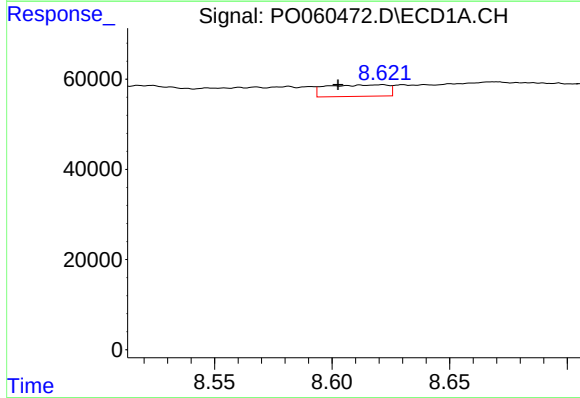
R.T.: 8.320 min
Delta R.T.: -0.022 min
Response: 142810
Conc: 18.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



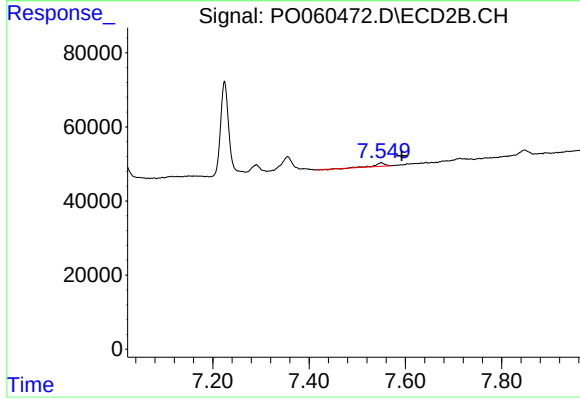
#42 AR-1268-2

R.T.: 7.356 min
Delta R.T.: -0.021 min
Response: 58831
Conc: 9.12 ng/ml



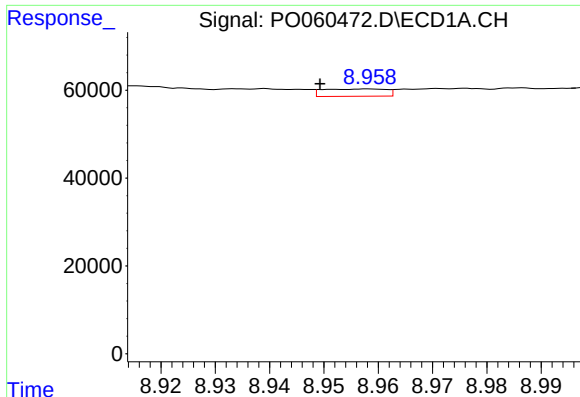
#43 AR-1268-3

R.T.: 8.621 min
Delta R.T.: 0.018 min
Response: 46332
Conc: 6.57 ng/ml



#43 AR-1268-3

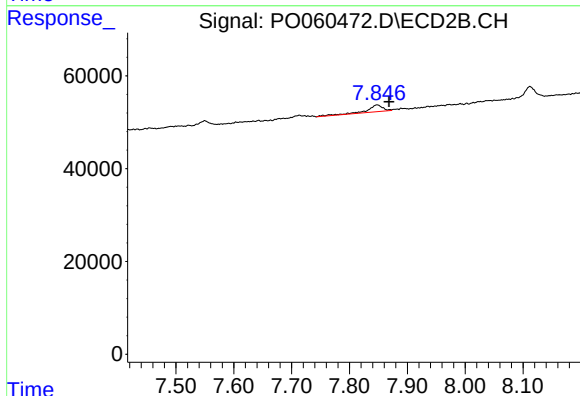
R.T.: 7.550 min
Delta R.T.: -0.043 min
Response: 12232
Conc: 2.24 ng/ml



#44 AR-1268-4

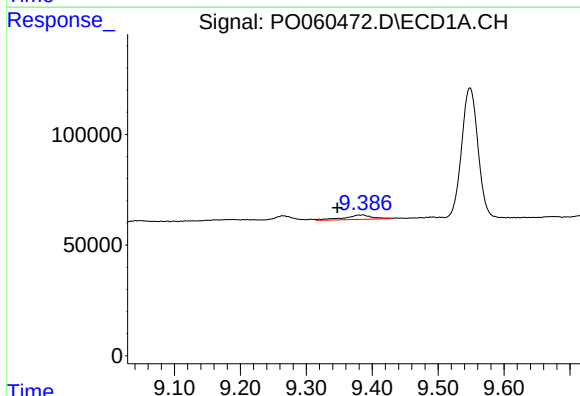
R.T.: 8.958 min
Delta R.T.: 0.009 min
Response: 13442
Conc: 4.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



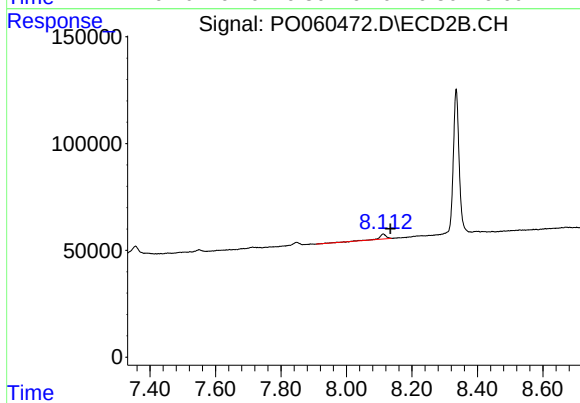
#44 AR-1268-4

R.T.: 7.848 min
Delta R.T.: -0.021 min
Response: 27694
Conc: 13.57 ng/ml



#45 AR-1268-5

R.T.: 9.386 min
Delta R.T.: 0.038 min
Response: 61083
Conc: 3.31 ng/ml



#45 AR-1268-5

R.T.: 8.112 min
Delta R.T.: -0.023 min
Response: 36783
Conc: 2.53 ng/ml