

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110121\
 Data File : PO082388.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Nov 2021 19:38
 Operator : AJ\MA
 Sample : M4422-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 04:31:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 29 11:08:21 2021
 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...	4.975	3.971	1682294	677547	20.820	22.964
2)	SA Decachlor...	11.086	9.289	1094213	437299	19.687	17.169
Target Compounds							
3)	L1 AR-1016-1	0.000	5.264f	0	9983	N.D.	8.235 #
4)	L1 AR-1016-2	0.000	5.264	0	9983	N.D.	6.034 #
5)	L1 AR-1016-3	6.405	5.461	-14578	16035	N.D.	18.018 #
6)	L1 AR-1016-4	0.000	5.493	0	38493	N.D.	52.985 #
7)	L1 AR-1016-5	0.000	5.715f	0	92520	N.D.	103.830 #
8)	L2 AR-1221-1	5.229	0.000	2822609	0	3266.124	N.D. #
9)	L2 AR-1221-2	5.362f	4.360f	177168	37540	275.699	134.041 #
10)	L2 AR-1221-3	5.432	4.420	112587	19479	55.243	23.103 #
11)	L3 AR-1232-1	5.432	4.420	112587	19479	74.651	29.597 #
12)	L3 AR-1232-2	6.029	5.264	302942	9983	369.765	13.973 #
13)	L3 AR-1232-3	0.000	5.461	0	16035	N.D.	42.309 #
14)	L3 AR-1232-4	0.000	5.550	0	49765	N.D.	141.809 #
15)	L3 AR-1232-5	6.609	5.715f	96697	92520	190.571	243.649 #
16)	L4 AR-1242-1	0.000	5.264f	0	9983	N.D.	10.906 #
17)	L4 AR-1242-2	0.000	5.264	0	9983	N.D.	8.135 #
18)	L4 AR-1242-3	6.405	5.461	-14578	16035	N.D.	23.834 #
19)	L4 AR-1242-4	0.000	5.550	0	49765	N.D.	74.135 #
20)	L4 AR-1242-5	7.308	6.104	43540	115678	34.233	134.628 #
21)	L5 AR-1248-1	0.000	5.264f	0	9983	N.D.	13.666 #
22)	L5 AR-1248-2	6.609	5.493	96697	38493	49.728	40.029
23)	L5 AR-1248-3	0.000	5.550	0	49765	N.D.	50.496 #
24)	L5 AR-1248-4	7.263	5.715	81270	92520	34.447	80.490 #
25)	L5 AR-1248-5	7.308	6.152	43540	140338	19.538	129.175 #
26)	L6 AR-1254-1	7.220	6.104	102438	115678	42.773	69.462 #
27)	L6 AR-1254-2	7.460	6.292f	202310	101069	55.463	67.696
28)	L6 AR-1254-3	7.856	6.709	500376	271304	138.270	121.156
29)	L6 AR-1254-4	8.139	0.000	45166	0	16.761	N.D. #
30)	L6 AR-1254-5	8.597f	7.356	113519	50716	38.977	24.628 #
31)	L7 AR-1260-1	8.004	6.816f	164891	53984	58.423	32.612 #
32)	L7 AR-1260-2	8.276	7.026	1160655	62415	348.888	31.117 #
33)	L7 AR-1260-3	8.644	7.190	29325	62246	13.010	32.857 #
34)	L7 AR-1260-4	8.881	7.659	18413	14473	6.955	10.560 #
35)	L7 AR-1260-5	9.210	7.909	33103	21514	6.042	6.511
36)	L8 AR-1262-1	8.644	7.356	29325	50716	8.573	45.975 #
37)	L8 AR-1262-2	9.210	7.909	33103	21514	5.272	6.022
38)	L8 AR-1262-3	9.552	8.202	34209	17550	12.439	11.659
39)	L8 AR-1262-4	9.610f	8.259	33346	20851	19.916	7.834 #
40)	L8 AR-1262-5	0.000	8.762	0	6051	N.D.	4.791 #
41)	L9 AR-1268-1	9.552f	8.202	34209	17550	4.030	3.514

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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	9.610f	8.259	33346	20851	4.289	4.657
44) L9	AR-1268-4	0.000	8.762	0	6051	N.D.	3.864 #
45) L9	AR-1268-5	0.000	9.042	0	7409	N.D.	0.671 #

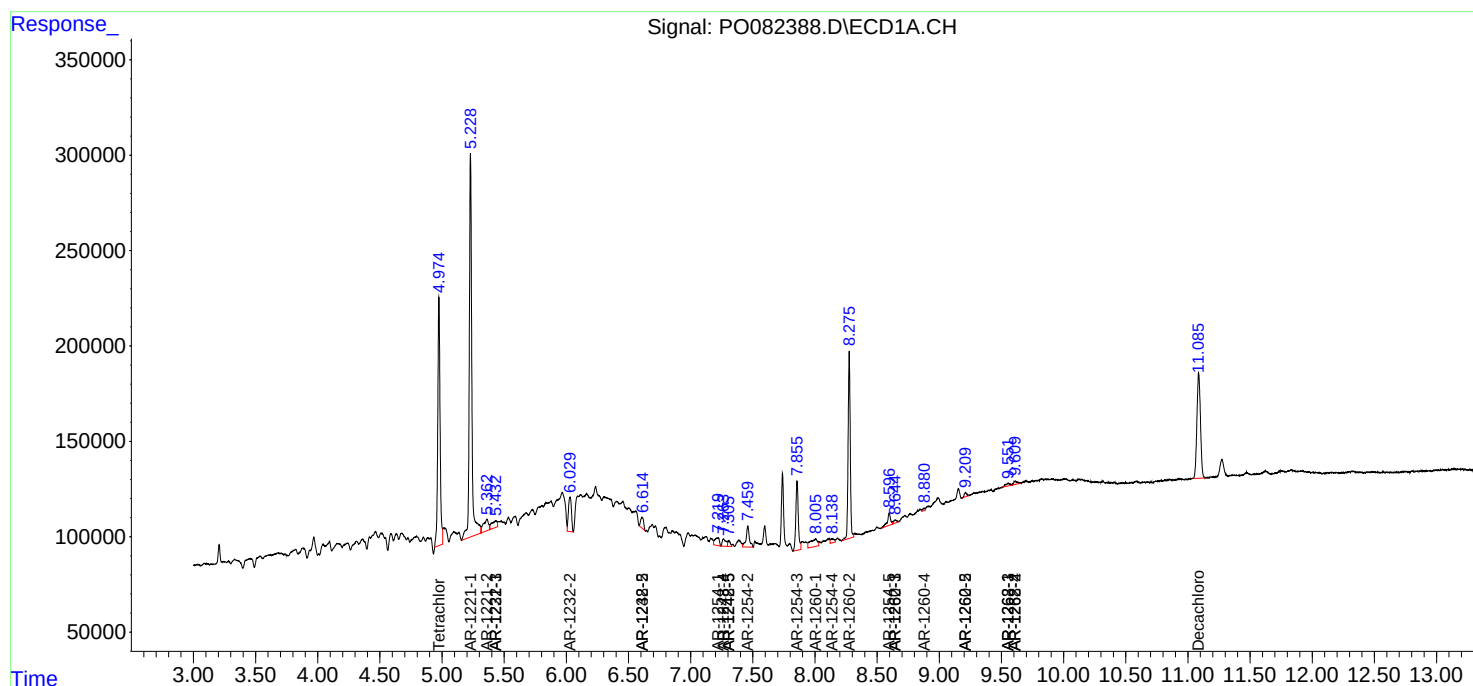
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

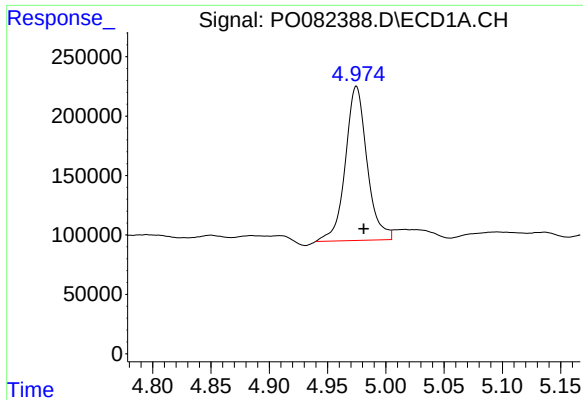
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110121\
Data File : P0082388.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Nov 2021 19:38
Operator : AJ\MA
Sample : M4422-01
Misc :
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

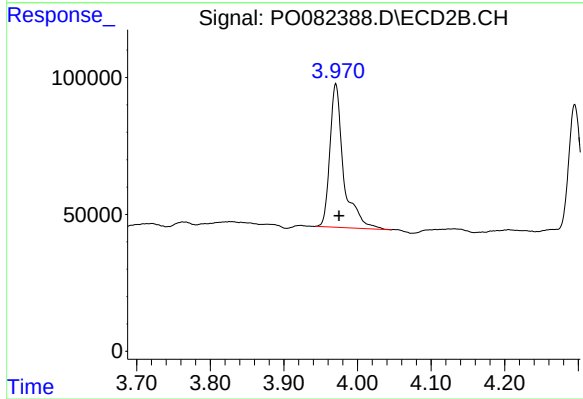




#1 Tetrachloro-m-xylene

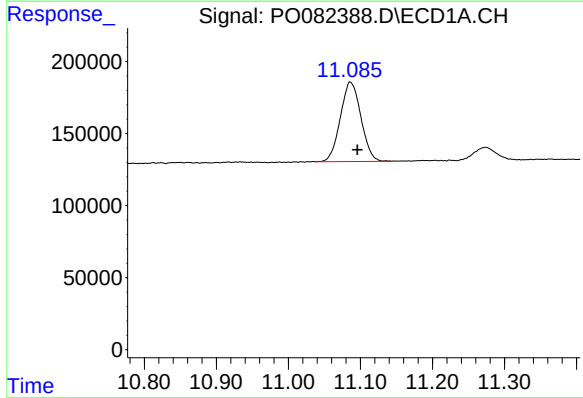
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 1682294
Conc: 20.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



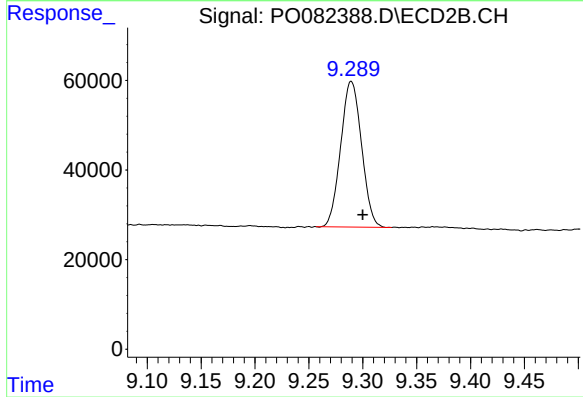
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: -0.004 min
Response: 677547
Conc: 22.96 ng/ml



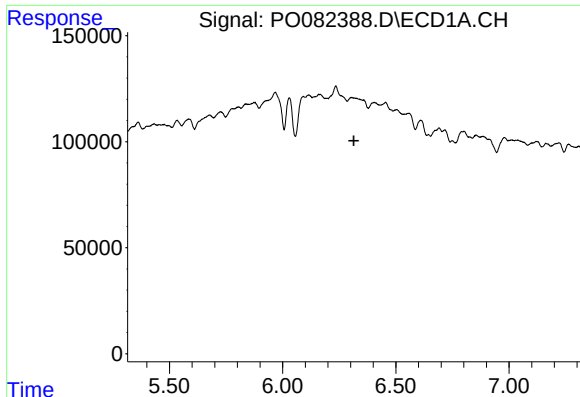
#2 Decachlorobiphenyl

R.T.: 11.086 min
Delta R.T.: -0.010 min
Response: 1094213
Conc: 19.69 ng/ml



#2 Decachlorobiphenyl

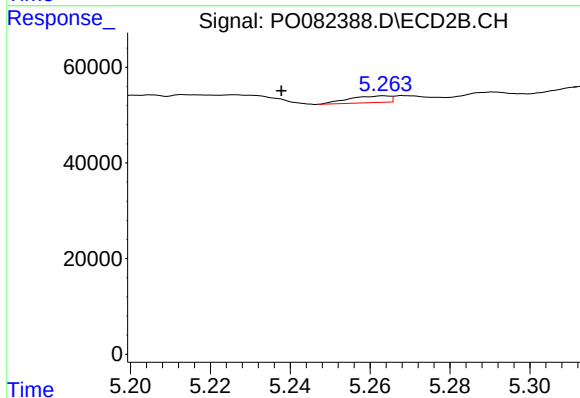
R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 437299
Conc: 17.17 ng/ml



#3 AR-1016-1

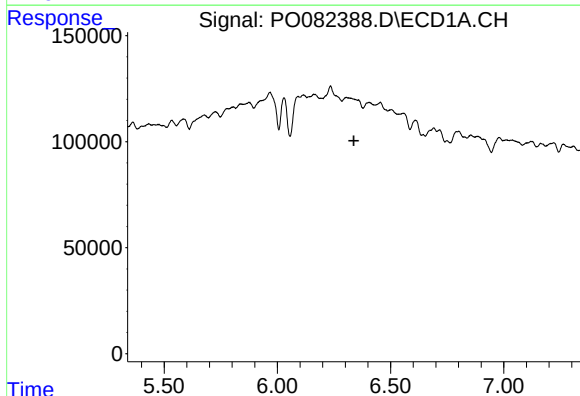
R.T.: 0.000 min
Exp R.T.: 6.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



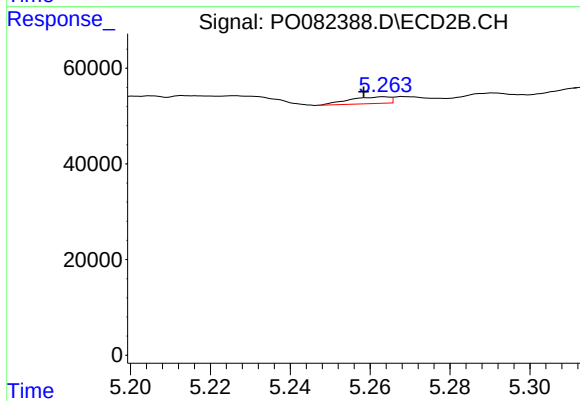
#3 AR-1016-1

R.T.: 5.264 min
Delta R.T.: 0.026 min
Response: 9983
Conc: 8.23 ng/ml



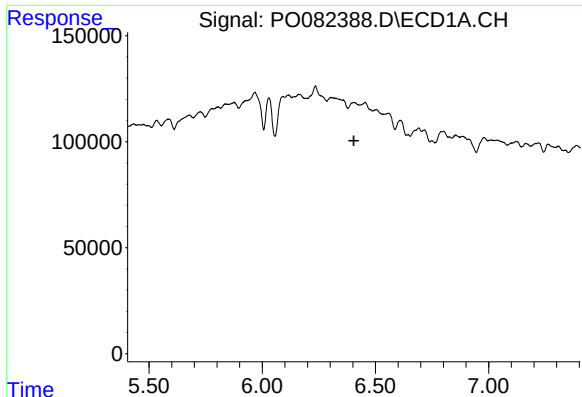
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.338 min
Response: 0
Conc: N.D.



#4 AR-1016-2

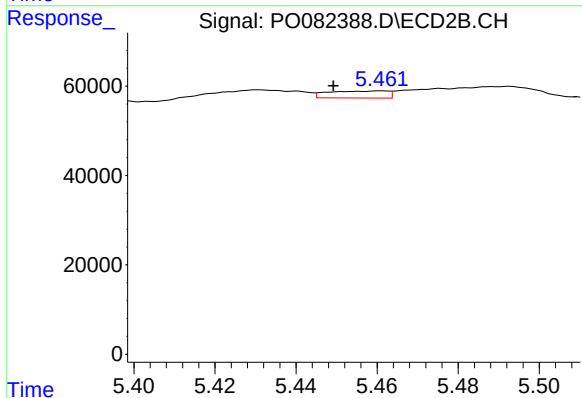
R.T.: 5.264 min
Delta R.T.: 0.005 min
Response: 9983
Conc: 6.03 ng/ml



#5 AR-1016-3

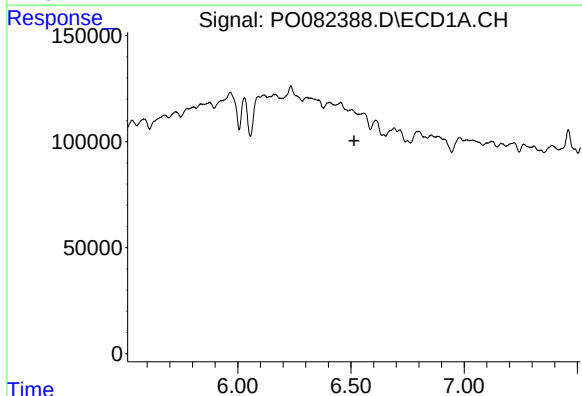
R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: -14578
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



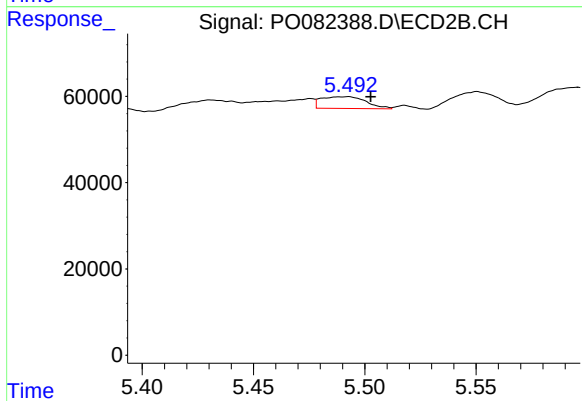
#5 AR-1016-3

R.T.: 5.461 min
Delta R.T.: 0.012 min
Response: 16035
Conc: 18.02 ng/ml



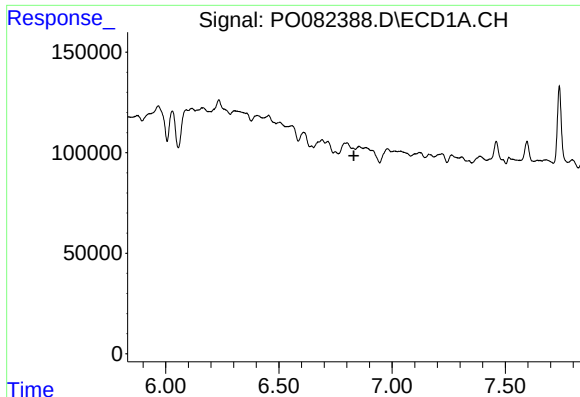
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.513 min
Response: 0
Conc: N.D.



#6 AR-1016-4

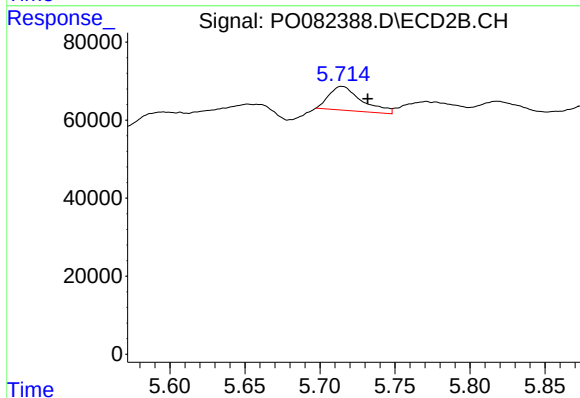
R.T.: 5.493 min
Delta R.T.: -0.010 min
Response: 38493
Conc: 52.99 ng/ml



#7 AR-1016-5

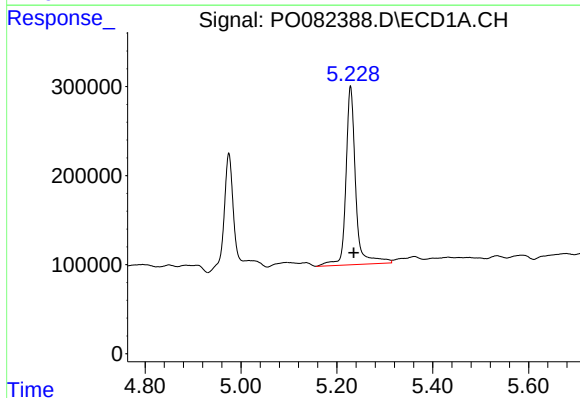
R.T.: 0.000 min
Exp R.T.: 6.831 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



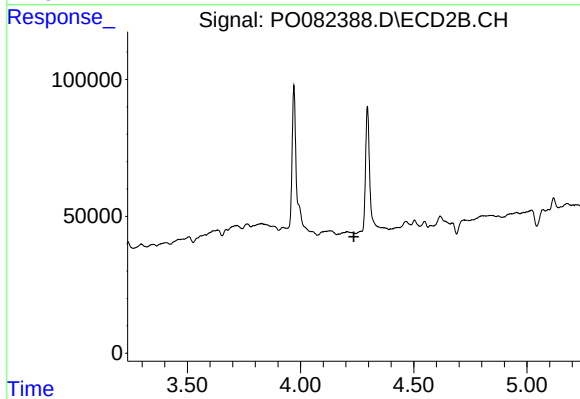
#7 AR-1016-5

R.T.: 5.715 min
Delta R.T.: -0.017 min
Response: 92520
Conc: 103.83 ng/ml



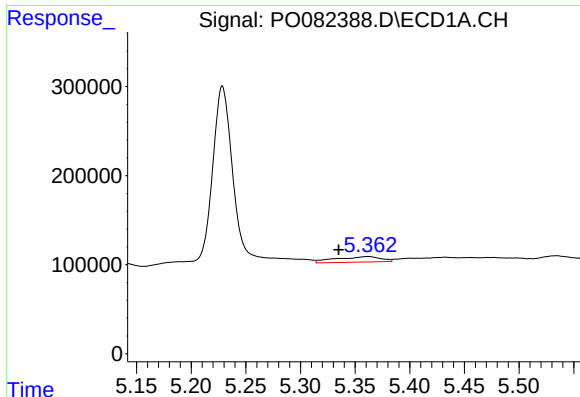
#8 AR-1221-1

R.T.: 5.229 min
Delta R.T.: -0.007 min
Response: 2822609
Conc: 3266.12 ng/ml



#8 AR-1221-1

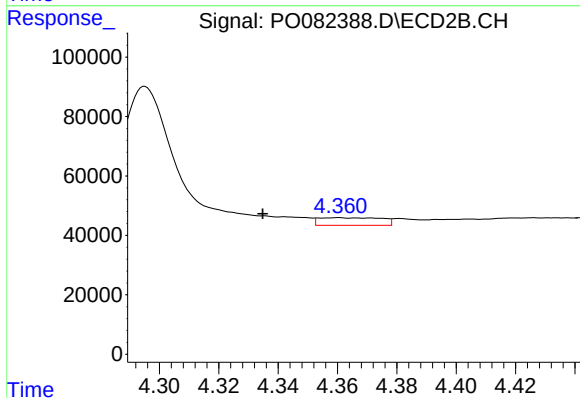
R.T.: 0.000 min
Exp R.T.: 4.236 min
Response: 0
Conc: N.D.



#9 AR-1221-2

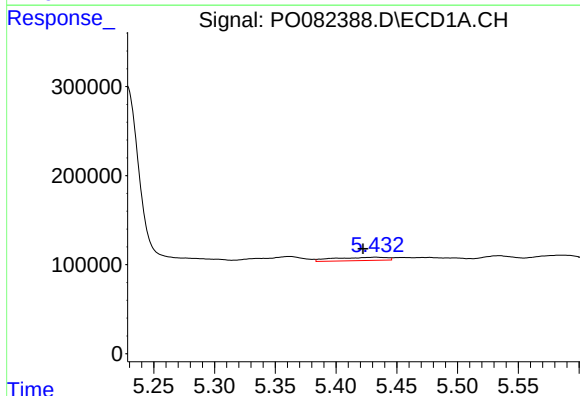
R.T.: 5.362 min
Delta R.T.: 0.027 min
Response: 177168
Conc: 275.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



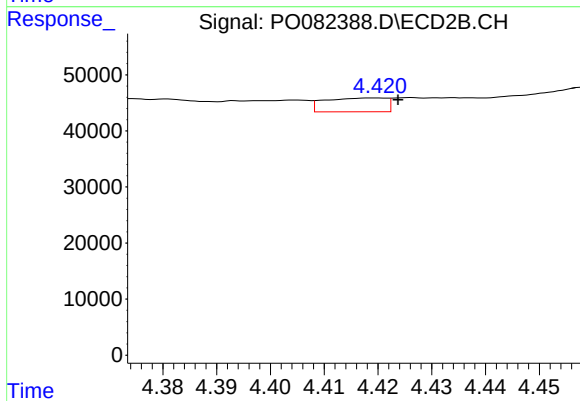
#9 AR-1221-2

R.T.: 4.360 min
Delta R.T.: 0.026 min
Response: 37540
Conc: 134.04 ng/ml



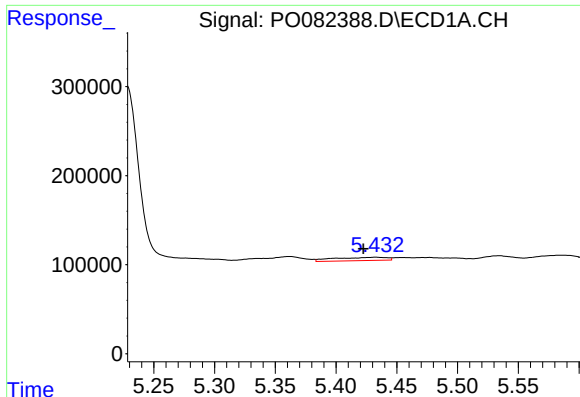
#10 AR-1221-3

R.T.: 5.432 min
Delta R.T.: 0.010 min
Response: 112587
Conc: 55.24 ng/ml



#10 AR-1221-3

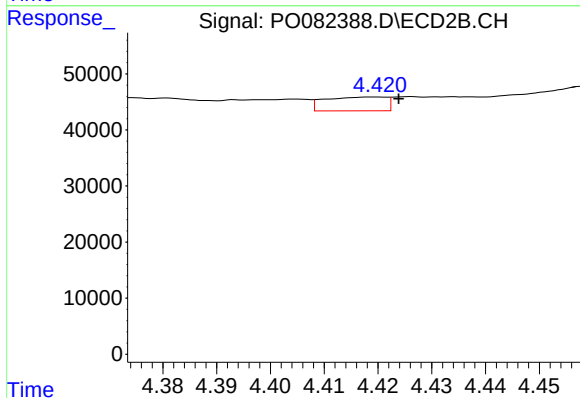
R.T.: 4.420 min
Delta R.T.: -0.004 min
Response: 19479
Conc: 23.10 ng/ml



#11 AR-1232-1

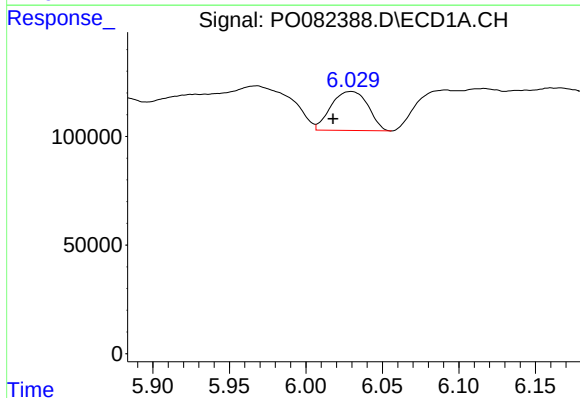
R.T.: 5.432 min
Delta R.T.: 0.010 min
Response: 112587
Conc: 74.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



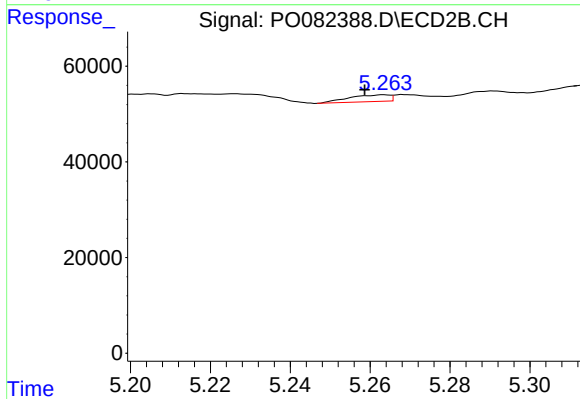
#11 AR-1232-1

R.T.: 4.420 min
Delta R.T.: -0.004 min
Response: 19479
Conc: 29.60 ng/ml



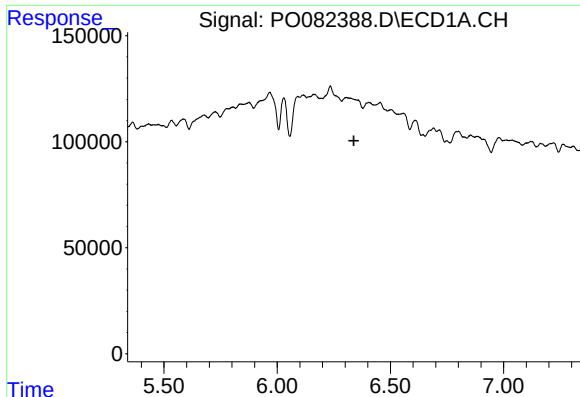
#12 AR-1232-2

R.T.: 6.029 min
Delta R.T.: 0.012 min
Response: 302942
Conc: 369.77 ng/ml



#12 AR-1232-2

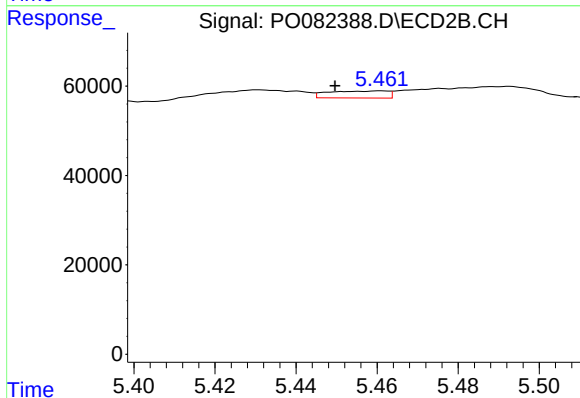
R.T.: 5.264 min
Delta R.T.: 0.005 min
Response: 9983
Conc: 13.97 ng/ml



#13 AR-1232-3

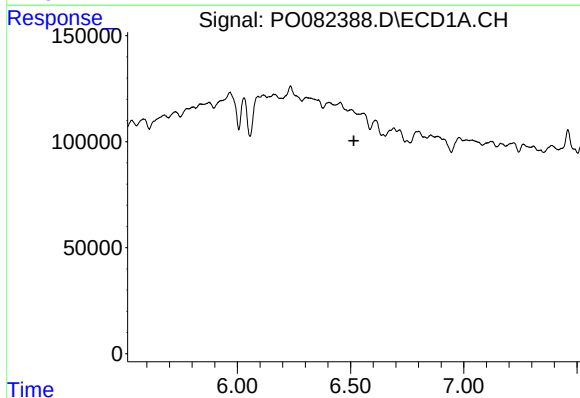
R.T.: 0.000 min
Exp R.T.: 6.339 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



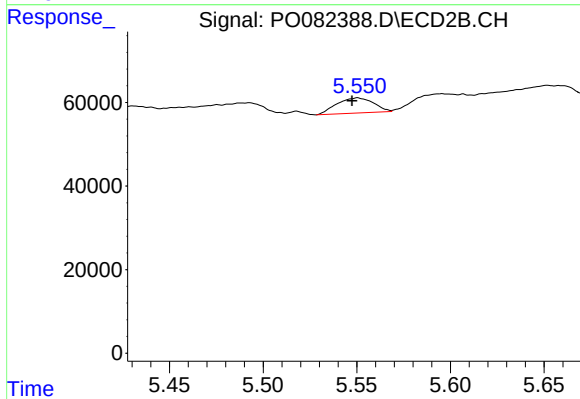
#13 AR-1232-3

R.T.: 5.461 min
Delta R.T.: 0.011 min
Response: 16035
Conc: 42.31 ng/ml



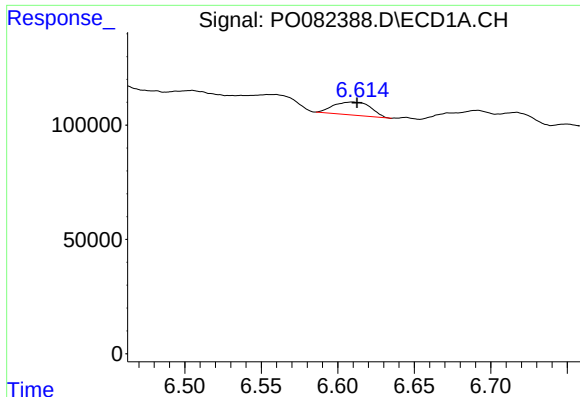
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.514 min
Response: 0
Conc: N.D.



#14 AR-1232-4

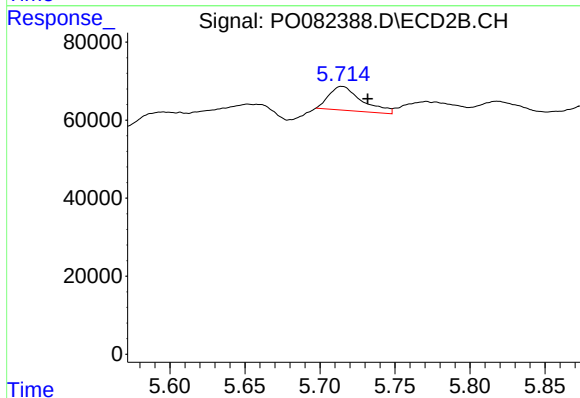
R.T.: 5.550 min
Delta R.T.: 0.003 min
Response: 49765
Conc: 141.81 ng/ml



#15 AR-1232-5

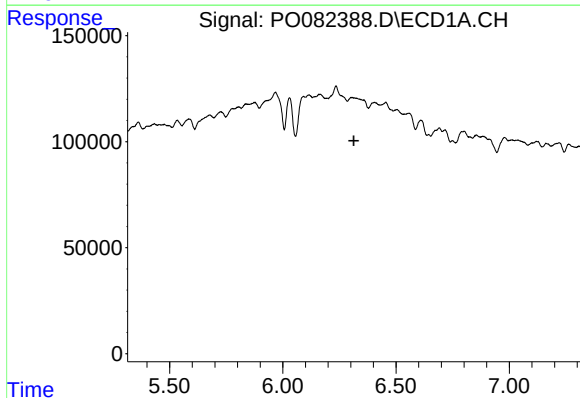
R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 96697
Conc: 190.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



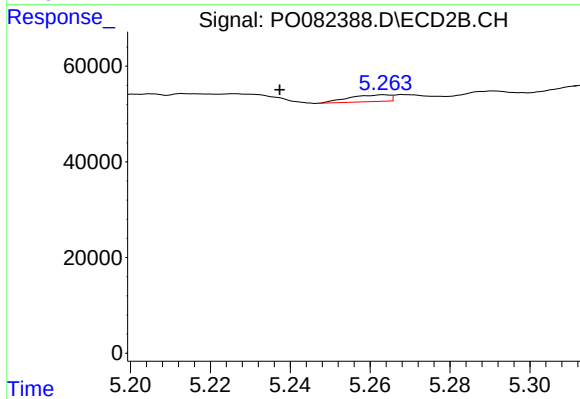
#15 AR-1232-5

R.T.: 5.715 min
Delta R.T.: -0.017 min
Response: 92520
Conc: 243.65 ng/ml



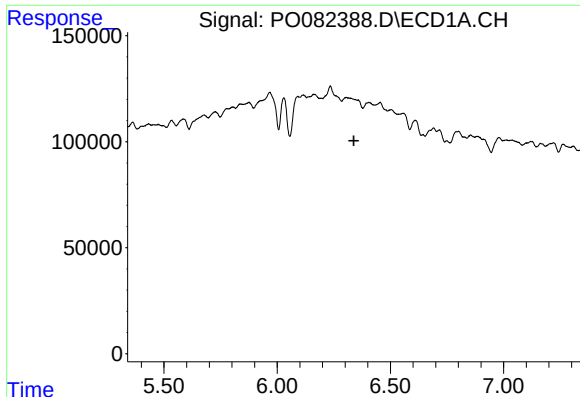
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.314 min
Response: 0
Conc: N.D.



#16 AR-1242-1

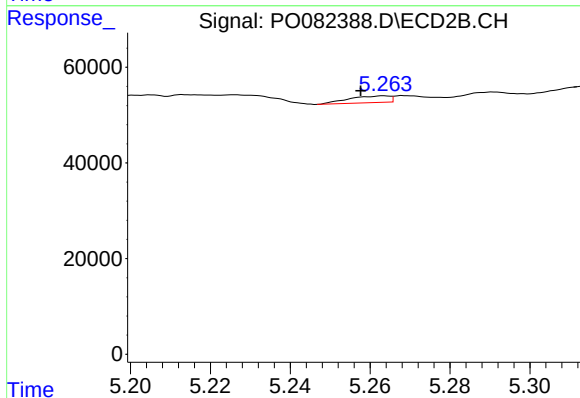
R.T.: 5.264 min
Delta R.T.: 0.026 min
Response: 9983
Conc: 10.91 ng/ml



#17 AR-1242-2

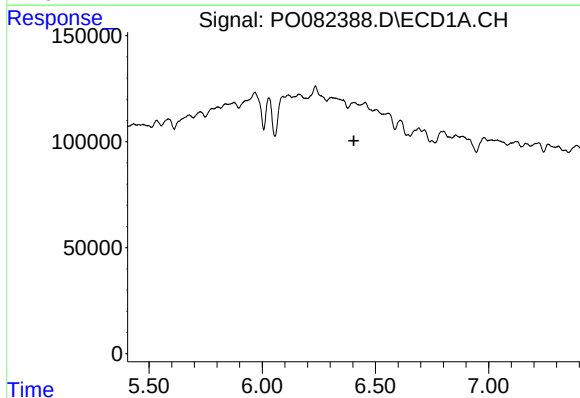
R.T.: 0.000 min
Exp R.T.: 6.339 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



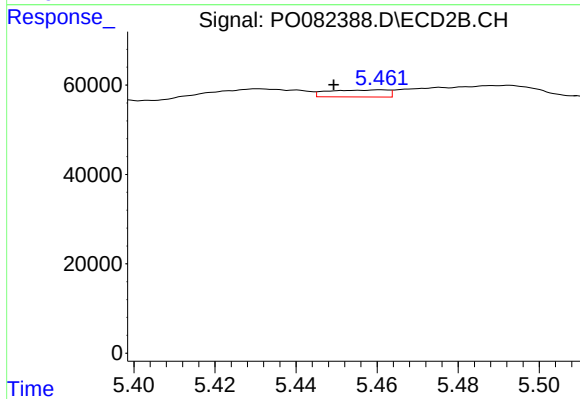
#17 AR-1242-2

R.T.: 5.264 min
Delta R.T.: 0.006 min
Response: 9983
Conc: 8.14 ng/ml



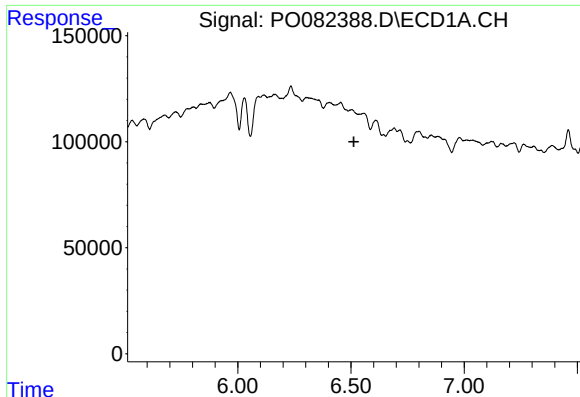
#18 AR-1242-3

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: -14578
Conc: N.D.



#18 AR-1242-3

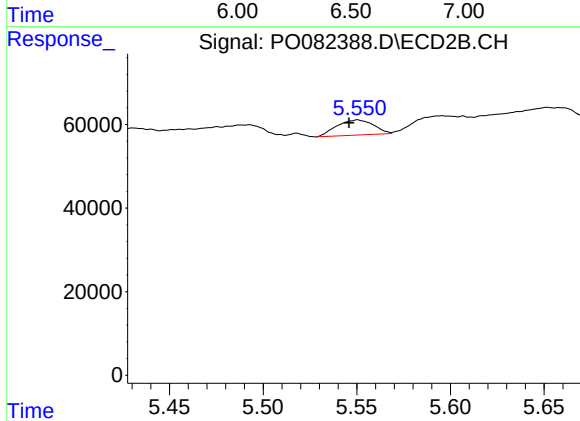
R.T.: 5.461 min
Delta R.T.: 0.012 min
Response: 16035
Conc: 23.83 ng/ml



#19 AR-1242-4

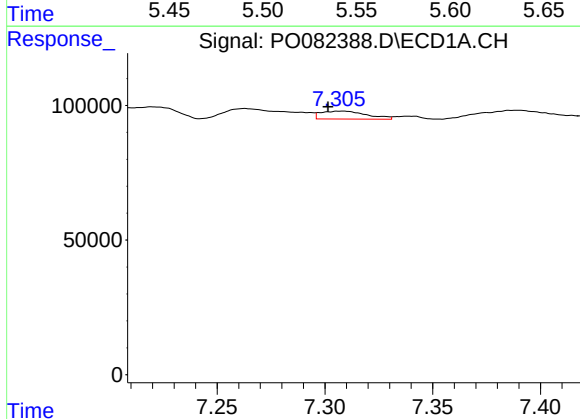
R.T.: 0.000 min
Exp R.T.: 6.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



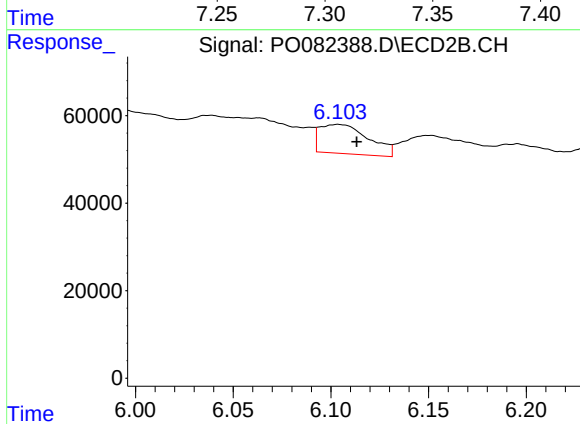
#19 AR-1242-4

R.T.: 5.550 min
Delta R.T.: 0.005 min
Response: 49765
Conc: 74.14 ng/ml



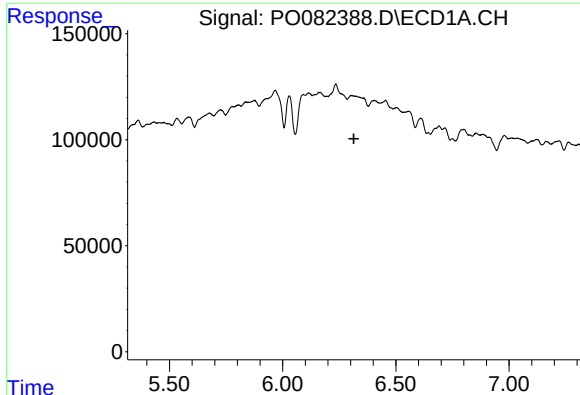
#20 AR-1242-5

R.T.: 7.308 min
Delta R.T.: 0.006 min
Response: 43540
Conc: 34.23 ng/ml



#20 AR-1242-5

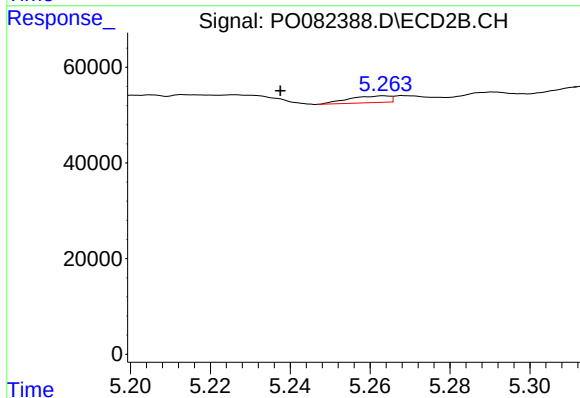
R.T.: 6.104 min
Delta R.T.: -0.010 min
Response: 115678
Conc: 134.63 ng/ml



#21 AR-1248-1

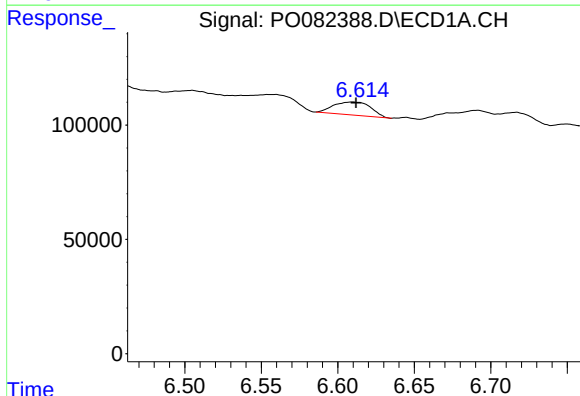
R.T.: 0.000 min
Exp R.T.: 6.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



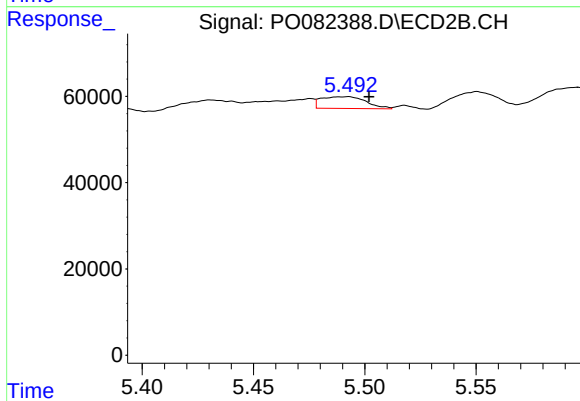
#21 AR-1248-1

R.T.: 5.264 min
Delta R.T.: 0.026 min
Response: 9983
Conc: 13.67 ng/ml



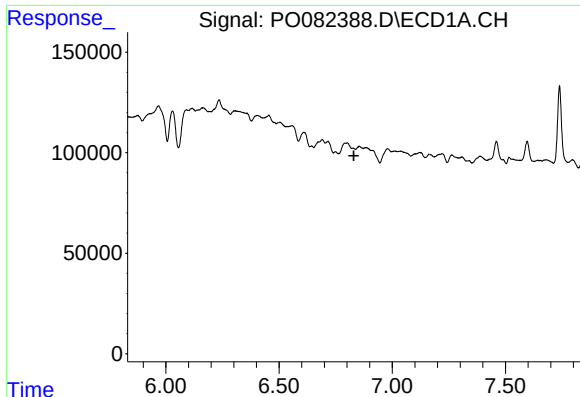
#22 AR-1248-2

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 96697
Conc: 49.73 ng/ml



#22 AR-1248-2

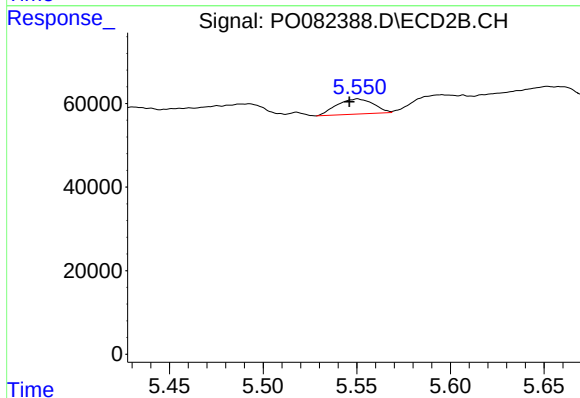
R.T.: 5.493 min
Delta R.T.: -0.009 min
Response: 38493
Conc: 40.03 ng/ml



#23 AR-1248-3

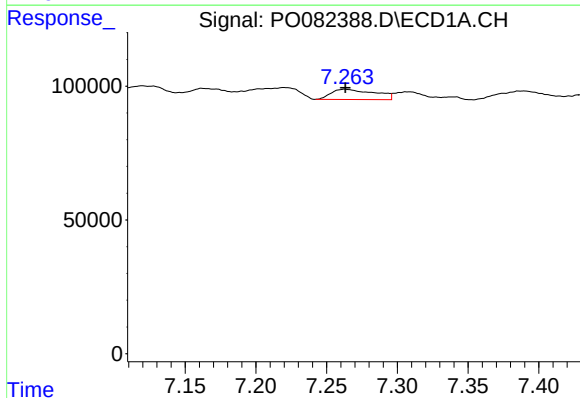
R.T.: 0.000 min
Exp R.T.: 6.831 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



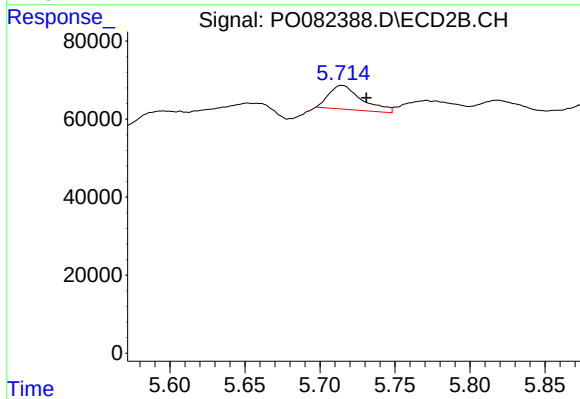
#23 AR-1248-3

R.T.: 5.550 min
Delta R.T.: 0.004 min
Response: 49765
Conc: 50.50 ng/ml



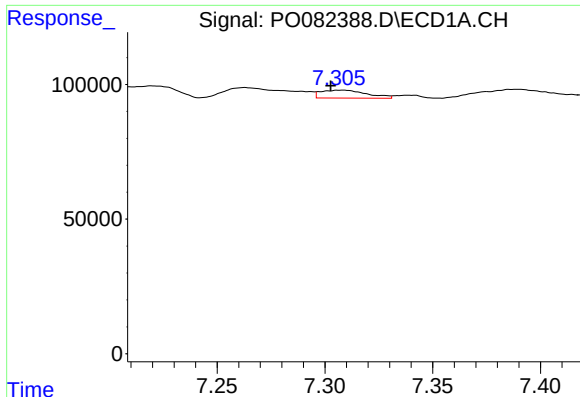
#24 AR-1248-4

R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 81270
Conc: 34.45 ng/ml



#24 AR-1248-4

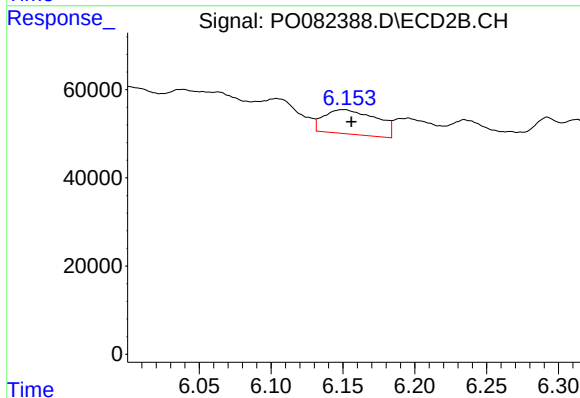
R.T.: 5.715 min
Delta R.T.: -0.016 min
Response: 92520
Conc: 80.49 ng/ml



#25 AR-1248-5

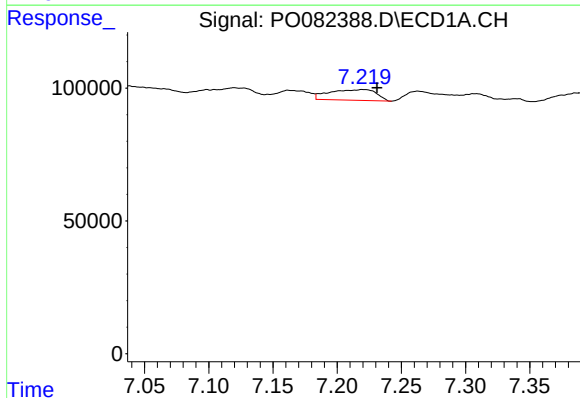
R.T.: 7.308 min
Delta R.T.: 0.005 min
Response: 43540
Conc: 19.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



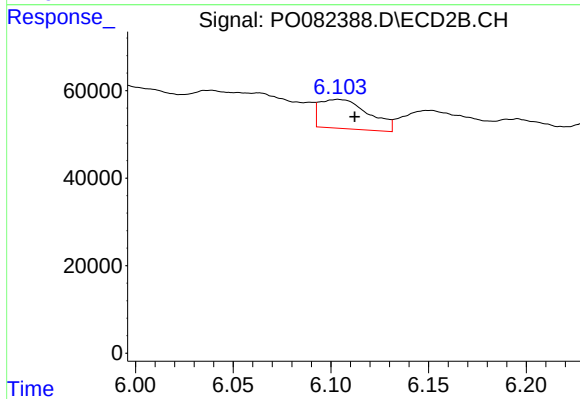
#25 AR-1248-5

R.T.: 6.152 min
Delta R.T.: -0.004 min
Response: 140338
Conc: 129.17 ng/ml



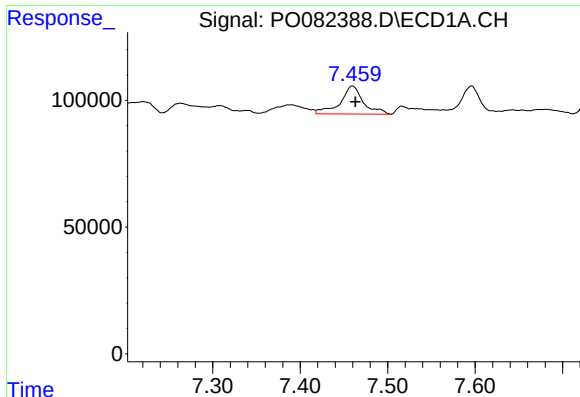
#26 AR-1254-1

R.T.: 7.220 min
Delta R.T.: -0.011 min
Response: 102438
Conc: 42.77 ng/ml



#26 AR-1254-1

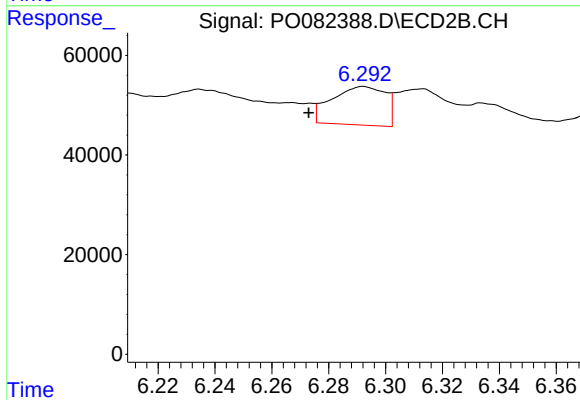
R.T.: 6.104 min
Delta R.T.: -0.008 min
Response: 115678
Conc: 69.46 ng/ml



#27 AR-1254-2

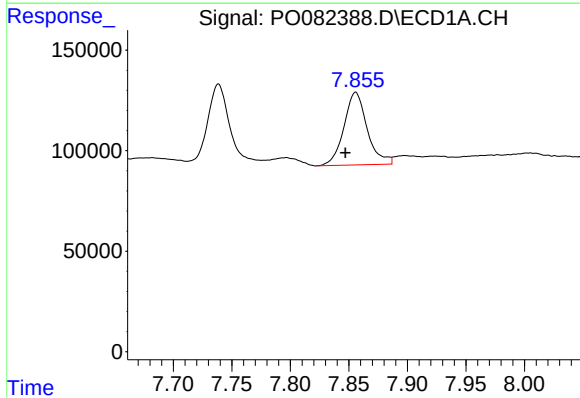
R.T.: 7.460 min
Delta R.T.: -0.004 min
Response: 202310
Conc: 55.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



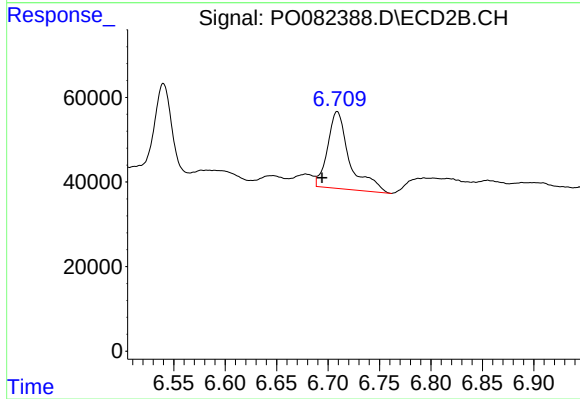
#27 AR-1254-2

R.T.: 6.292 min
Delta R.T.: 0.019 min
Response: 101069
Conc: 67.70 ng/ml



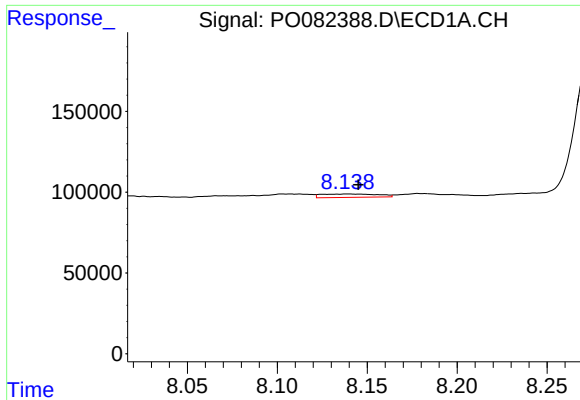
#28 AR-1254-3

R.T.: 7.856 min
Delta R.T.: 0.009 min
Response: 500376
Conc: 138.27 ng/ml



#28 AR-1254-3

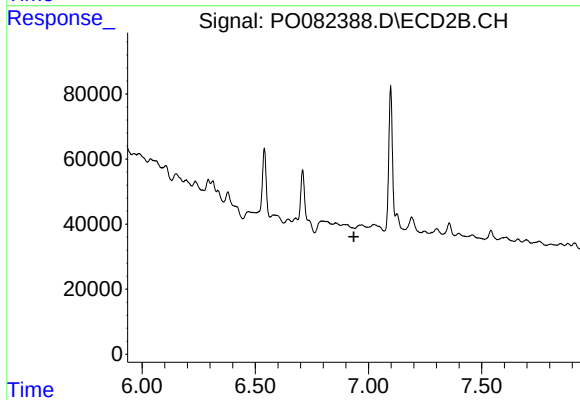
R.T.: 6.709 min
Delta R.T.: 0.015 min
Response: 271304
Conc: 121.16 ng/ml



#29 AR-1254-4

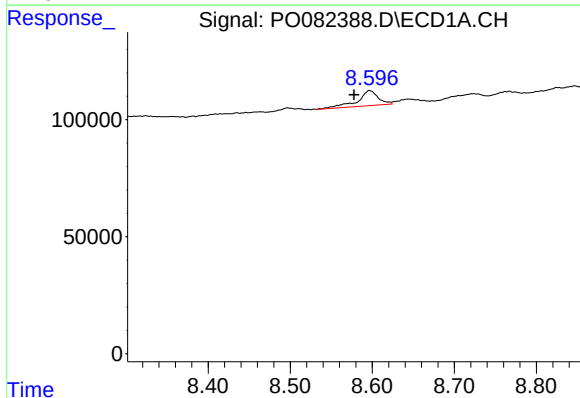
R.T.: 8.139 min
Delta R.T.: -0.006 min
Response: 45166
Conc: 16.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



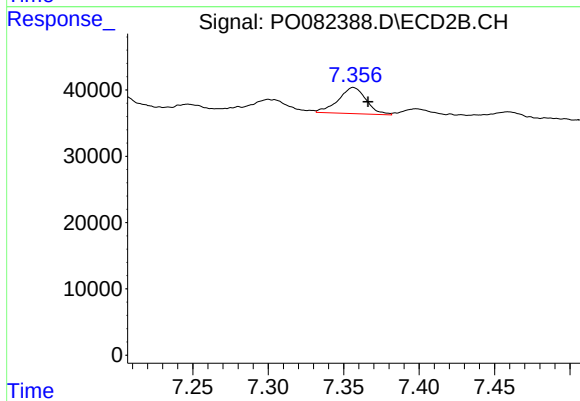
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.936 min
Response: 0
Conc: N.D.



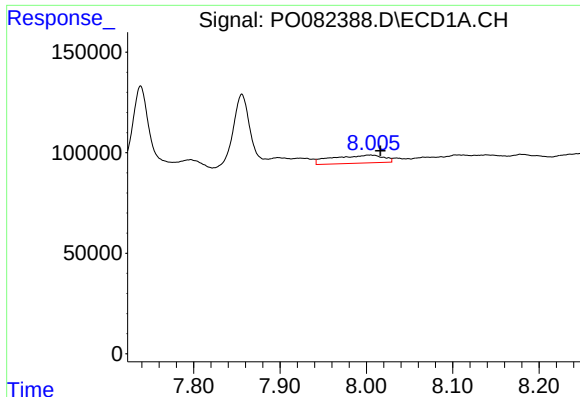
#30 AR-1254-5

R.T.: 8.597 min
Delta R.T.: 0.019 min
Response: 113519
Conc: 38.98 ng/ml



#30 AR-1254-5

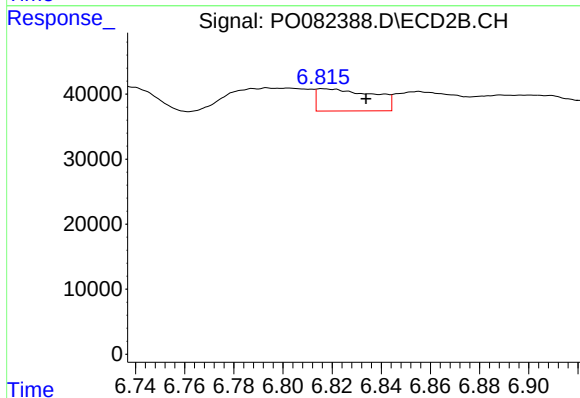
R.T.: 7.356 min
Delta R.T.: -0.010 min
Response: 50716
Conc: 24.63 ng/ml



#31 AR-1260-1

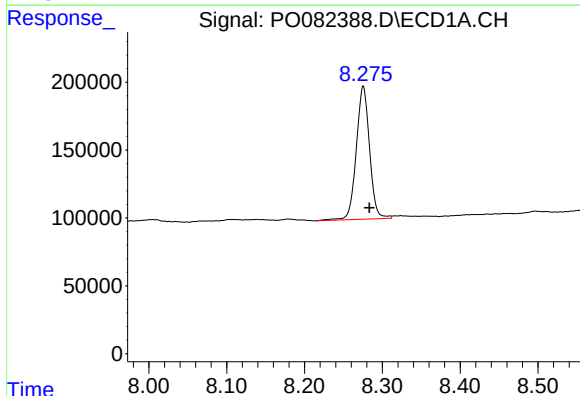
R.T.: 8.004 min
Delta R.T.: -0.012 min
Response: 164891
Conc: 58.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



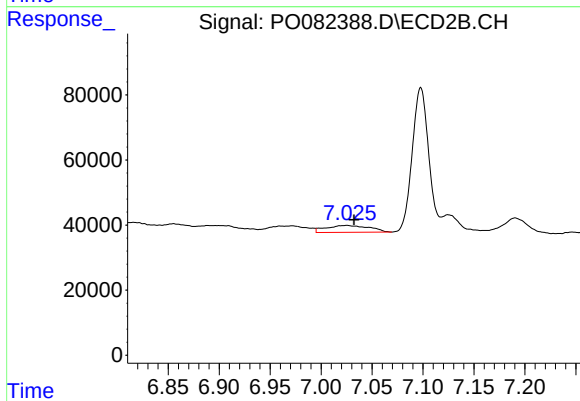
#31 AR-1260-1

R.T.: 6.816 min
Delta R.T.: -0.018 min
Response: 53984
Conc: 32.61 ng/ml



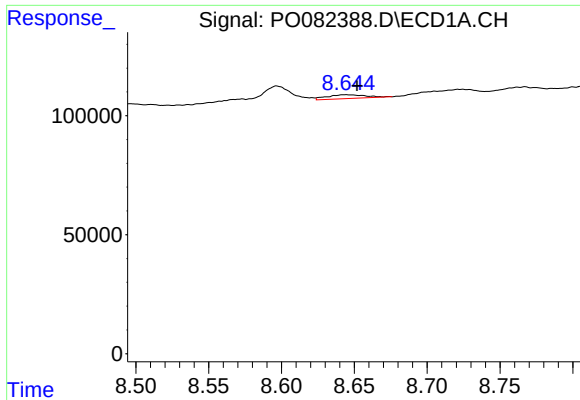
#32 AR-1260-2

R.T.: 8.276 min
Delta R.T.: -0.008 min
Response: 1160655
Conc: 348.89 ng/ml



#32 AR-1260-2

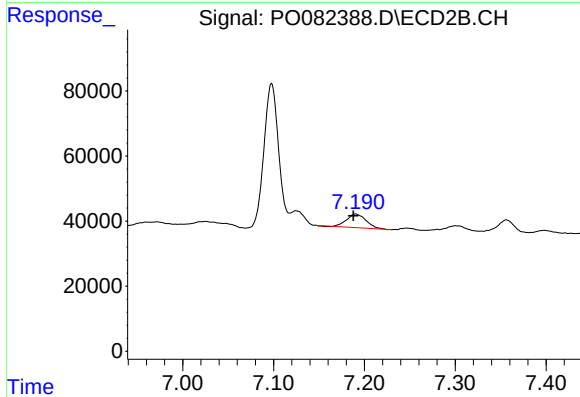
R.T.: 7.026 min
Delta R.T.: -0.007 min
Response: 62415
Conc: 31.12 ng/ml



#33 AR-1260-3

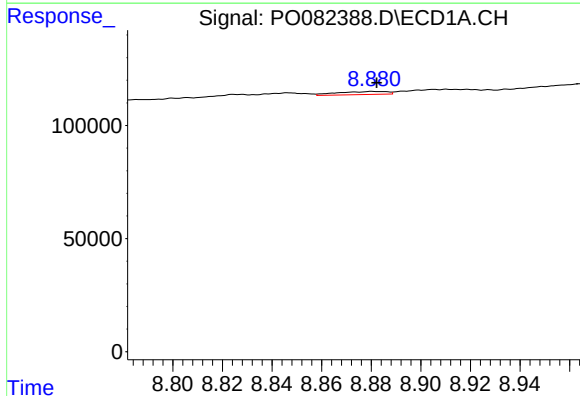
R.T.: 8.644 min
Delta R.T.: -0.008 min
Response: 29325
Conc: 13.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



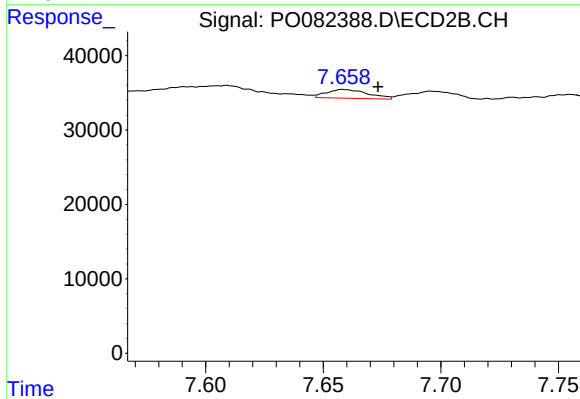
#33 AR-1260-3

R.T.: 7.190 min
Delta R.T.: 0.003 min
Response: 62246
Conc: 32.86 ng/ml



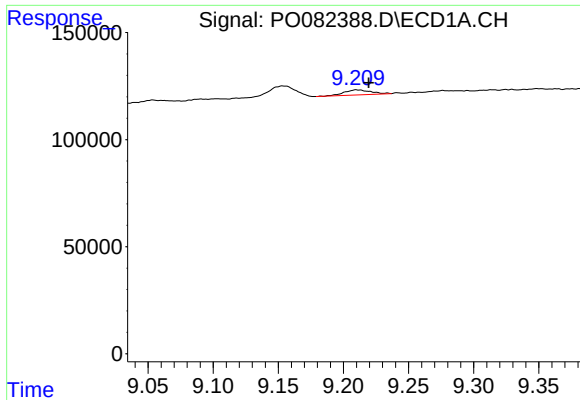
#34 AR-1260-4

R.T.: 8.881 min
Delta R.T.: -0.001 min
Response: 18413
Conc: 6.96 ng/ml



#34 AR-1260-4

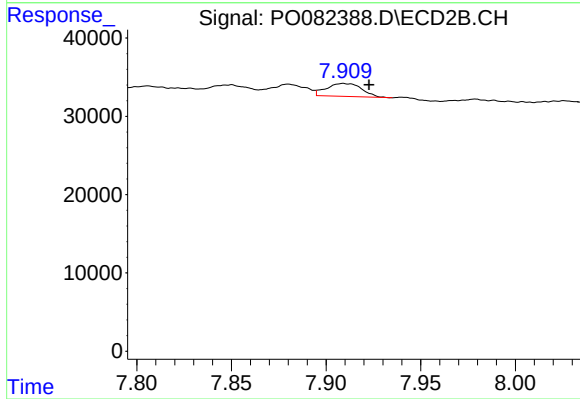
R.T.: 7.659 min
Delta R.T.: -0.015 min
Response: 14473
Conc: 10.56 ng/ml



#35 AR-1260-5

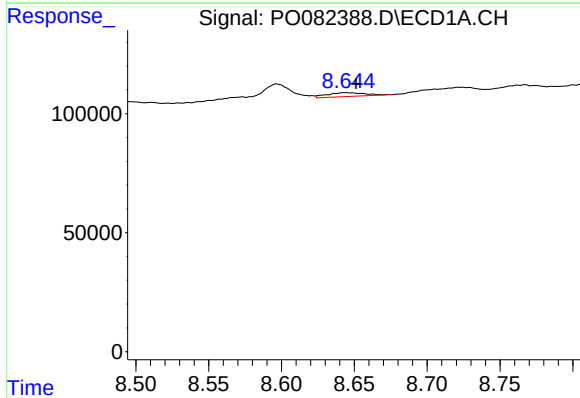
R.T.: 9.210 min
Delta R.T.: -0.009 min
Response: 33103
Conc: 6.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



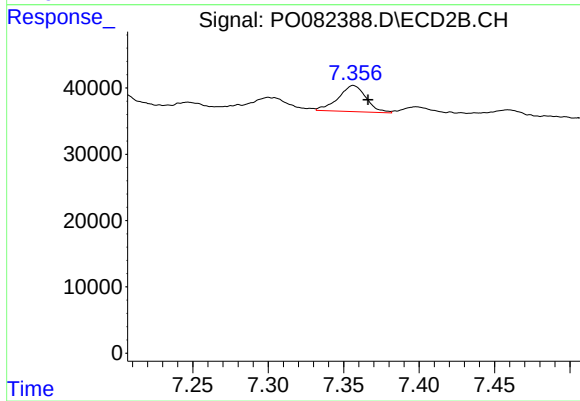
#35 AR-1260-5

R.T.: 7.909 min
Delta R.T.: -0.013 min
Response: 21514
Conc: 6.51 ng/ml



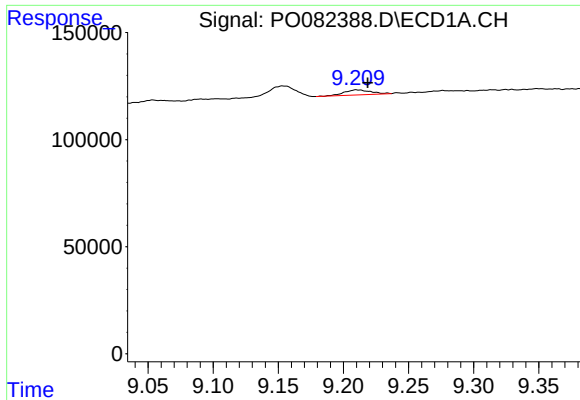
#36 AR-1262-1

R.T.: 8.644 min
Delta R.T.: -0.007 min
Response: 29325
Conc: 8.57 ng/ml



#36 AR-1262-1

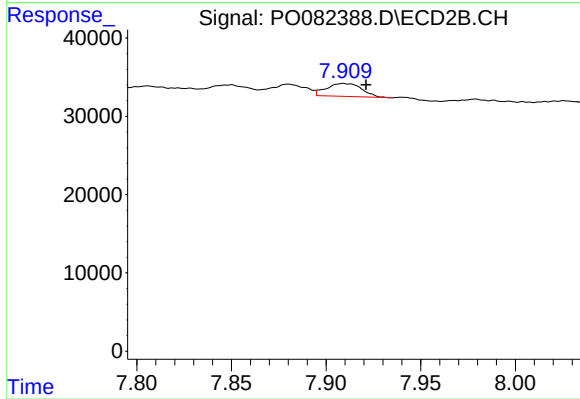
R.T.: 7.356 min
Delta R.T.: -0.010 min
Response: 50716
Conc: 45.98 ng/ml



#37 AR-1262-2

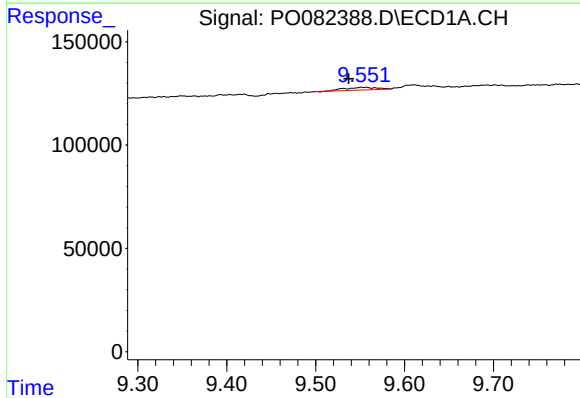
R.T.: 9.210 min
Delta R.T.: -0.008 min
Response: 33103
Conc: 5.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



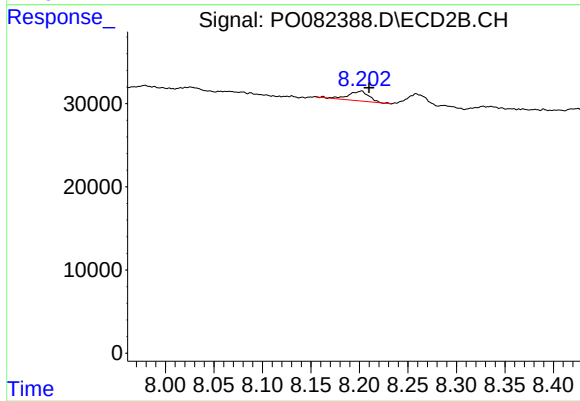
#37 AR-1262-2

R.T.: 7.909 min
Delta R.T.: -0.012 min
Response: 21514
Conc: 6.02 ng/ml



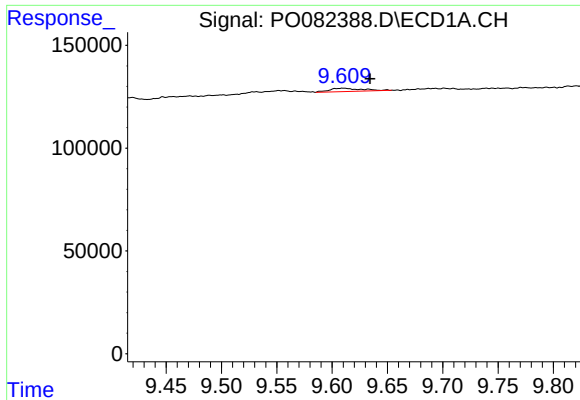
#38 AR-1262-3

R.T.: 9.552 min
Delta R.T.: 0.015 min
Response: 34209
Conc: 12.44 ng/ml



#38 AR-1262-3

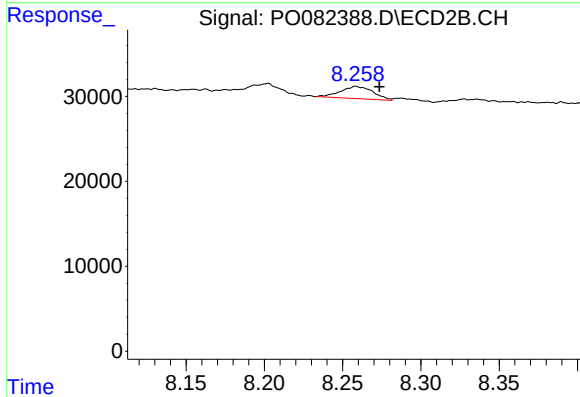
R.T.: 8.202 min
Delta R.T.: -0.008 min
Response: 17550
Conc: 11.66 ng/ml



#39 AR-1262-4

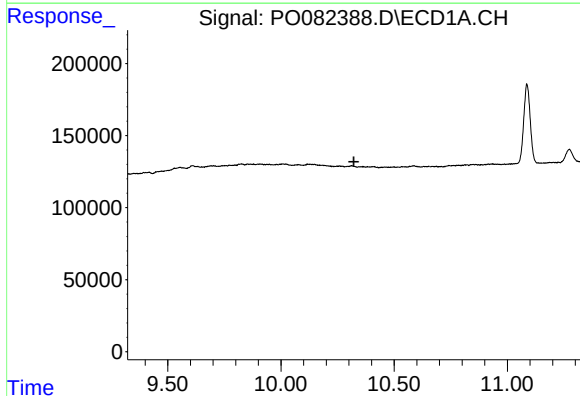
R.T.: 9.610 min
Delta R.T.: -0.024 min
Response: 33346
Conc: 19.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



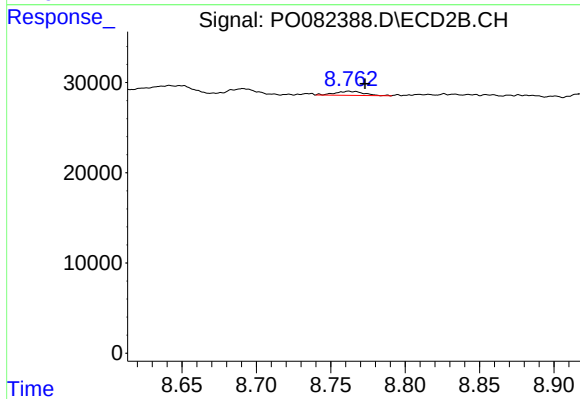
#39 AR-1262-4

R.T.: 8.259 min
Delta R.T.: -0.015 min
Response: 20851
Conc: 7.83 ng/ml



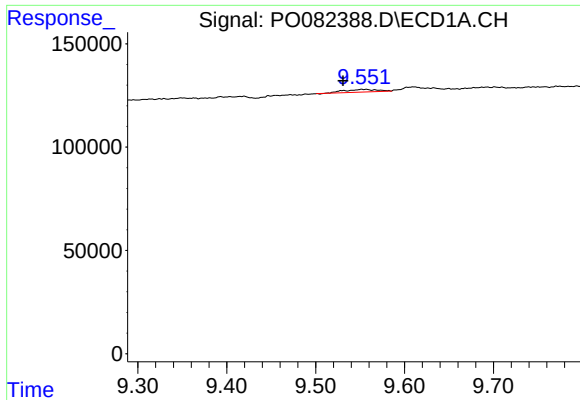
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.322 min
Response: 0
Conc: N.D.



#40 AR-1262-5

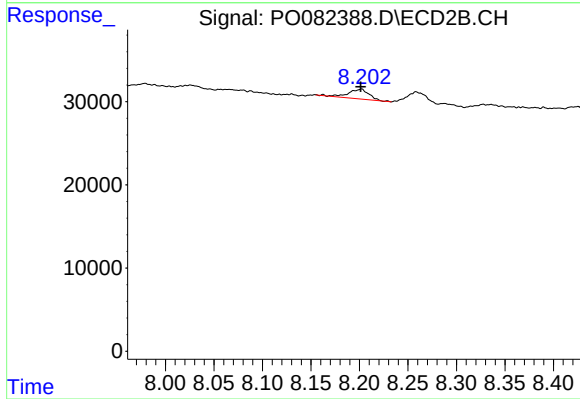
R.T.: 8.762 min
Delta R.T.: -0.011 min
Response: 6051
Conc: 4.79 ng/ml



#41 AR-1268-1

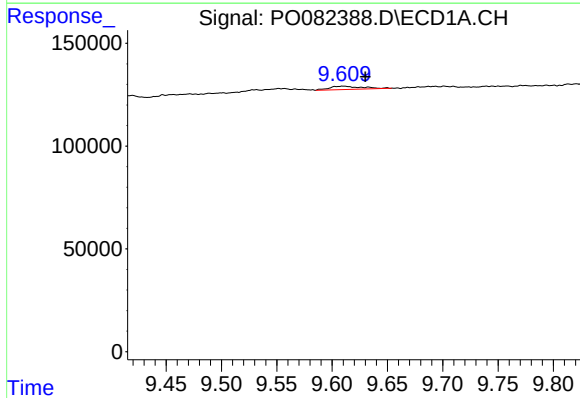
R.T.: 9.552 min
Delta R.T.: 0.021 min
Response: 34209
Conc: 4.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



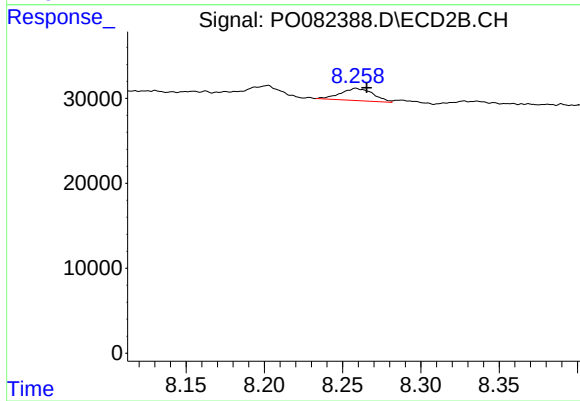
#41 AR-1268-1

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 17550
Conc: 3.51 ng/ml



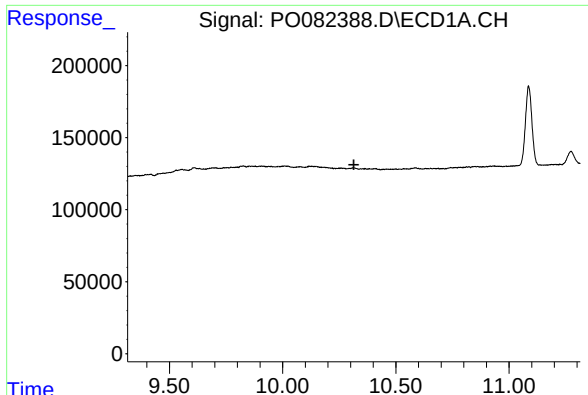
#42 AR-1268-2

R.T.: 9.610 min
Delta R.T.: -0.020 min
Response: 33346
Conc: 4.29 ng/ml



#42 AR-1268-2

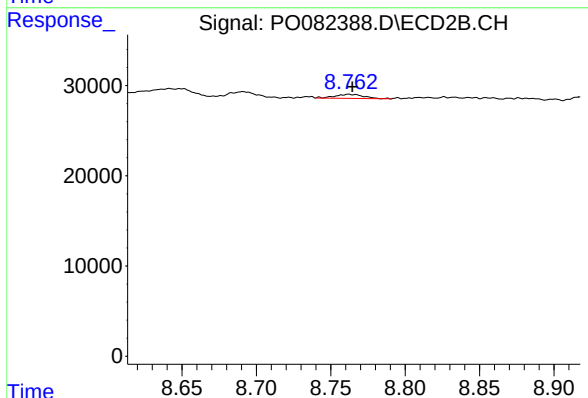
R.T.: 8.259 min
Delta R.T.: -0.007 min
Response: 20851
Conc: 4.66 ng/ml



#44 AR-1268-4

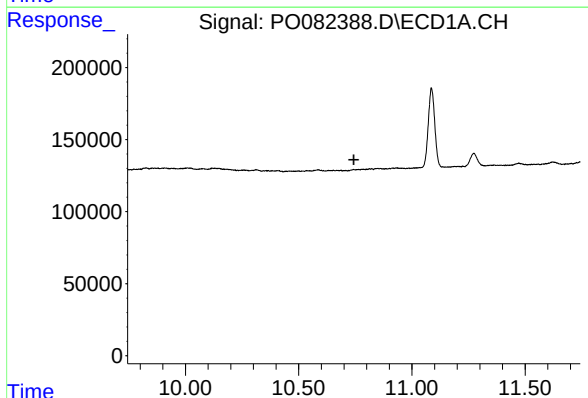
R.T.: 0.000 min
Exp R.T.: 10.314 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



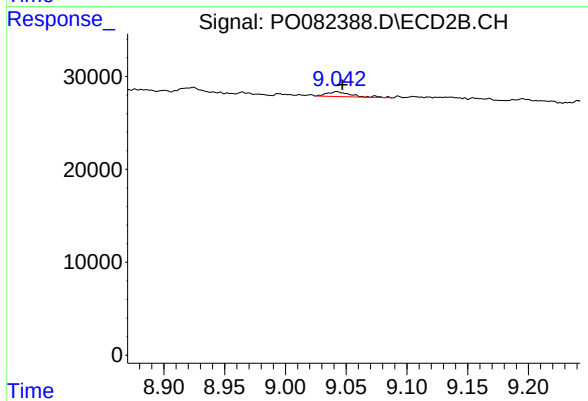
#44 AR-1268-4

R.T.: 8.762 min
Delta R.T.: -0.002 min
Response: 6051
Conc: 3.86 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.744 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.042 min
Delta R.T.: -0.005 min
Response: 7409
Conc: 0.67 ng/ml