

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110121\
 Data File : PO082400.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Nov 2021 00:15
 Operator : AJ\MA
 Sample : M4427-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 04:36:43 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	1395336	495704	17.268	16.801
2)	SA Decachlor...	11.087	9.290	1459619	511218	26.262	20.071
Target Compounds							
3)	L1 AR-1016-1	0.000	5.219	0	2201	N.D.	1.815 #
4)	L1 AR-1016-2	0.000	5.270	0	16547	N.D.	10.002 #
5)	L1 AR-1016-3	0.000	5.442	0	16499	N.D.	18.539 #
7)	L1 AR-1016-5	0.000	5.739	0	74409	N.D.	83.505 #
8)	L2 AR-1221-1	5.229	4.226	56290	3261	65.134	8.833 #
9)	L2 AR-1221-2	5.365f	4.323	48685	110073	75.761	393.026 #
10)	L2 AR-1221-3	5.431	4.422	359502	4497	176.398	5.334 #
11)	L3 AR-1232-1	5.431	4.422	359502	4497	238.369	6.833 #
12)	L3 AR-1232-2	6.040f	5.270	190222	16547	232.182	23.161 #
13)	L3 AR-1232-3	0.000	5.442	0	16499	N.D.	43.533 #
14)	L3 AR-1232-4	0.000	5.549	0	55899	N.D.	159.288 #
15)	L3 AR-1232-5	0.000	5.739	0	74409	N.D.	195.954 #
16)	L4 AR-1242-1	0.000	5.219	0	2201	N.D.	2.404 #
17)	L4 AR-1242-2	0.000	5.270	0	16547	N.D.	13.485 #
18)	L4 AR-1242-3	0.000	5.442	0	16499	N.D.	24.524 #
19)	L4 AR-1242-4	0.000	5.549	0	55899	N.D.	83.273 #
20)	L4 AR-1242-5	7.301	6.107	51971	1679435	40.862	1954.544 #
21)	L5 AR-1248-1	0.000	5.219	0	2201	N.D.	3.013 #
22)	L5 AR-1248-2	0.000	5.467f	0	12382	N.D.	12.876 #
23)	L5 AR-1248-3	0.000	5.549	0	55899	N.D.	56.719 #
24)	L5 AR-1248-4	7.236f	5.739	266782	74409	113.077	64.734 #
25)	L5 AR-1248-5	7.301	0.000	51971	0	23.321	N.D. #
26)	L6 AR-1254-1	7.236	6.107	266782	1679435	111.396	1008.453 #
27)	L6 AR-1254-2	7.460	6.263	1524031	331845	417.810	222.269 #
28)	L6 AR-1254-3	7.855	6.685	1001454	36662	276.735	16.372 #
29)	L6 AR-1254-4	8.137	6.930	91560	41775	33.977	28.443
30)	L6 AR-1254-5	8.597f	7.360	4523875	1756413	1553.277	852.916 #
31)	L7 AR-1260-1	8.006	6.823	149571	73738	52.995	44.545
32)	L7 AR-1260-2	8.276	7.025	2834624	44296	852.077	22.084 #
33)	L7 AR-1260-3	8.644	7.180	133585	83728	59.267	44.197 #
34)	L7 AR-1260-4	8.874	7.662	505523	47534	190.955	34.680 #
35)	L7 AR-1260-5	9.213	7.912	130542	107058	23.828	32.401 #
36)	L8 AR-1262-1	8.644	7.360	133585	1756413	39.052	1592.246 #
37)	L8 AR-1262-2	9.213	7.912	130542	107058	20.788	29.967 #
38)	L8 AR-1262-3	9.529	8.200	67506	38781	24.546	25.765
39)	L8 AR-1262-4	9.614f	8.261	79427	89779	47.438	33.732 #
40)	L8 AR-1262-5	10.315	8.762	40762	10216	17.887	8.088 #
41)	L9 AR-1268-1	9.529	8.200	67506	38781	7.952	7.766
42)	L9 AR-1268-2	9.614f	8.261	79427	89779	10.217	20.052 #

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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	9.861	8.472	74482	39298	10.977	10.323
44) L9	AR-1268-4	10.315	8.762	40762	10216	14.100	6.524 #
45) L9	AR-1268-5	10.741	9.043	161116	159825	7.027	14.479 #

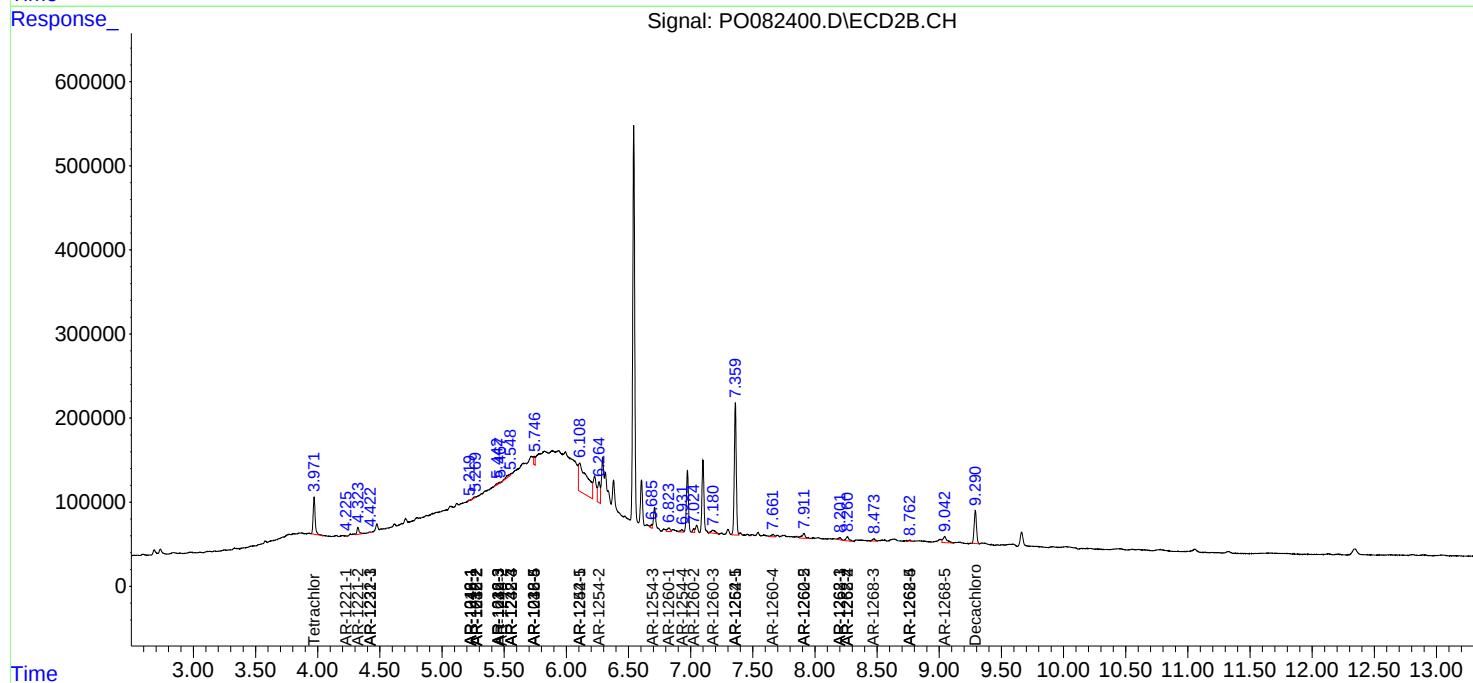
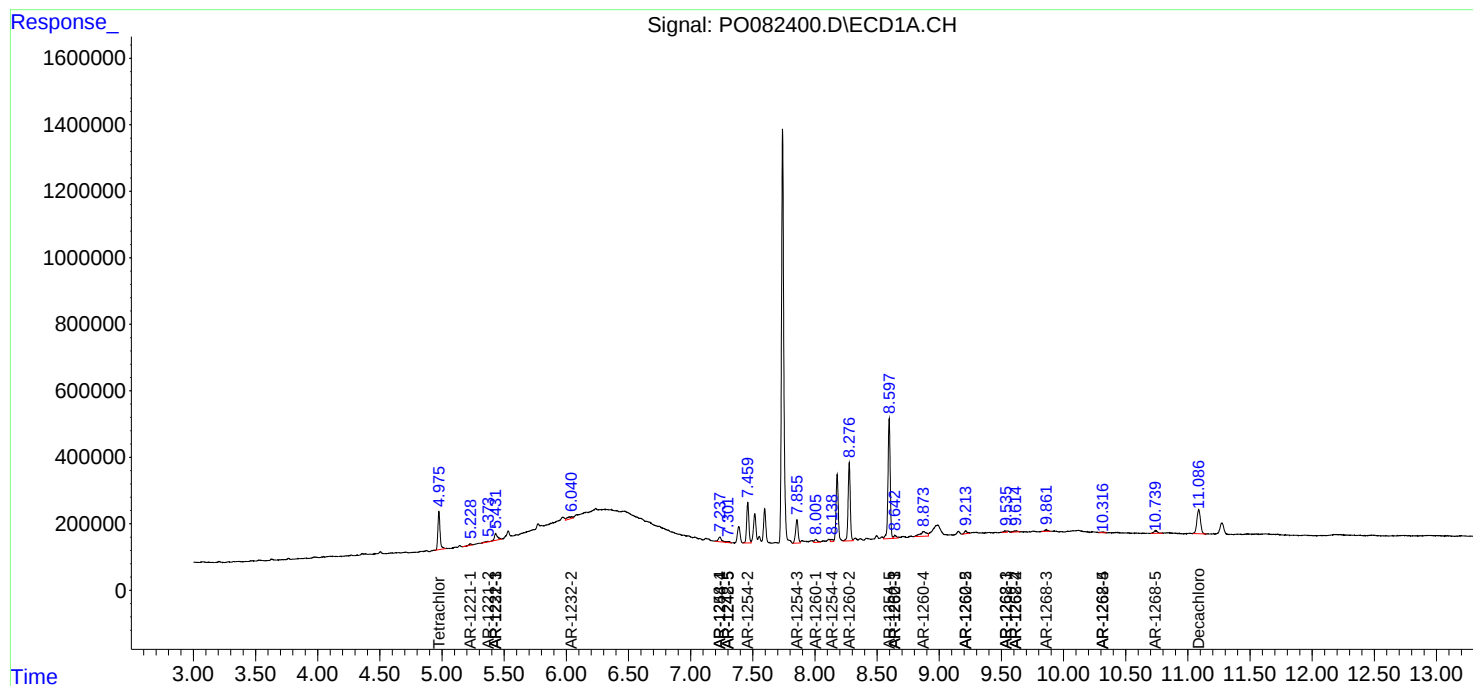
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

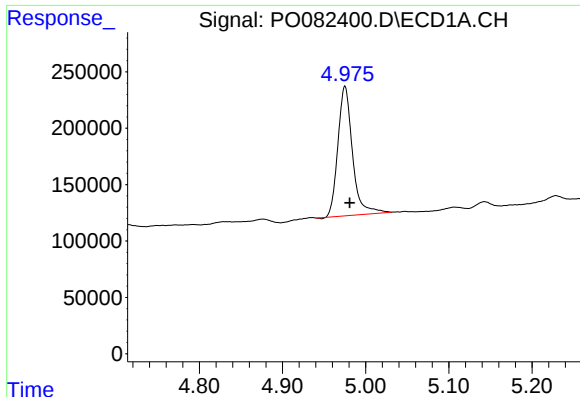
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

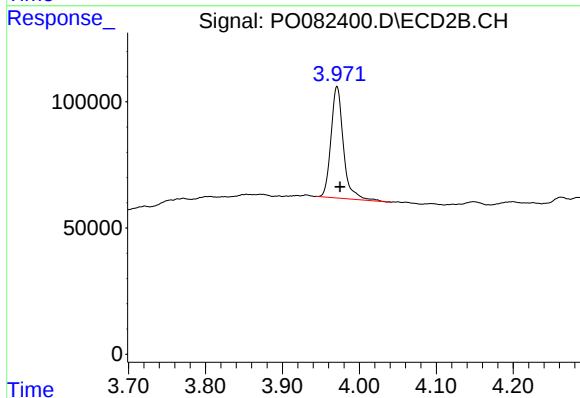




#1 Tetrachloro-m-xylene

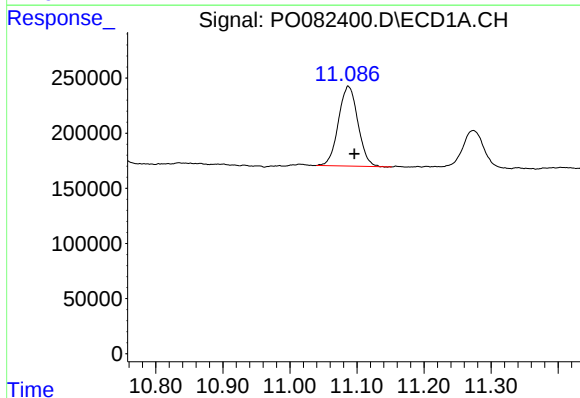
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 1395336
Conc: 17.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



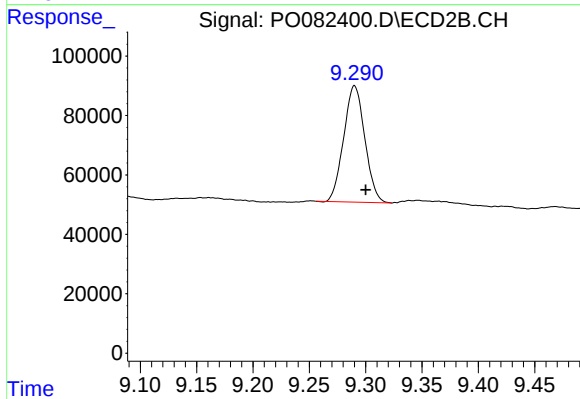
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: -0.004 min
Response: 495704
Conc: 16.80 ng/ml



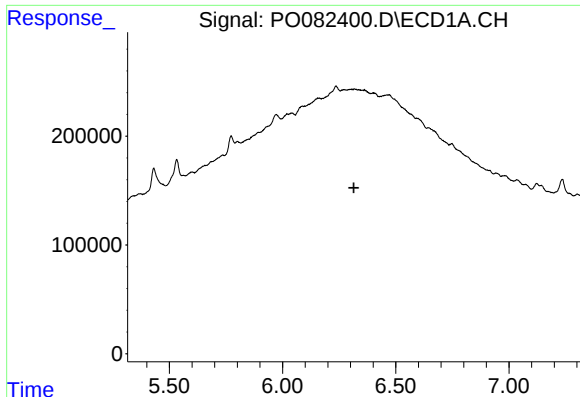
#2 Decachlorobiphenyl

R.T.: 11.087 min
Delta R.T.: -0.009 min
Response: 1459619
Conc: 26.26 ng/ml



#2 Decachlorobiphenyl

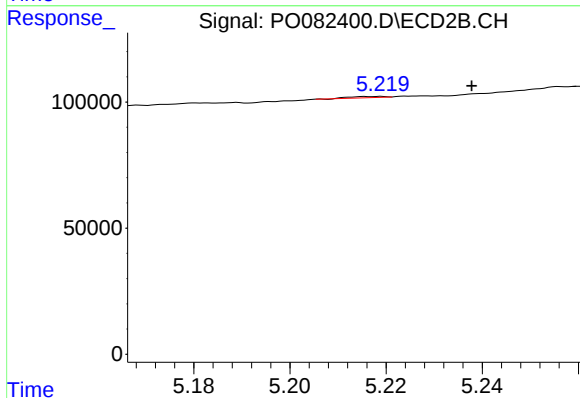
R.T.: 9.290 min
Delta R.T.: -0.010 min
Response: 511218
Conc: 20.07 ng/ml



#3 AR-1016-1

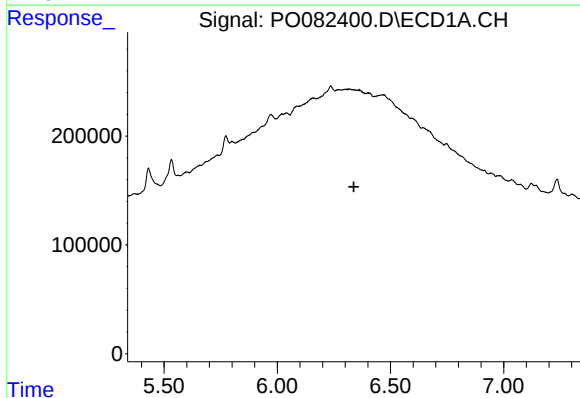
R.T.: 0.000 min
Exp R.T.: 6.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



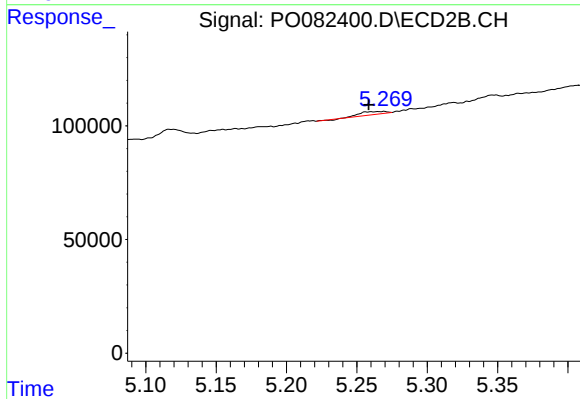
#3 AR-1016-1

R.T.: 5.219 min
Delta R.T.: -0.019 min
Response: 2201
Conc: 1.82 ng/ml



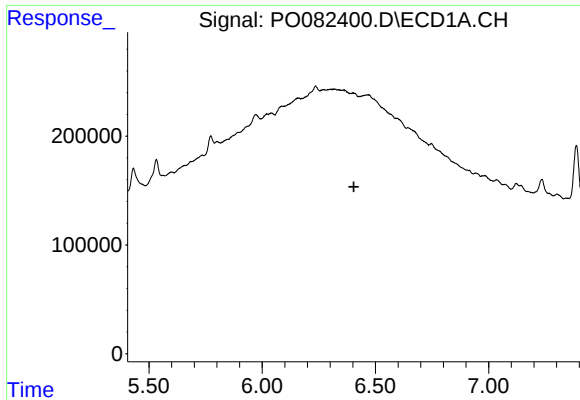
#4 AR-1016-2

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



#4 AR-1016-2

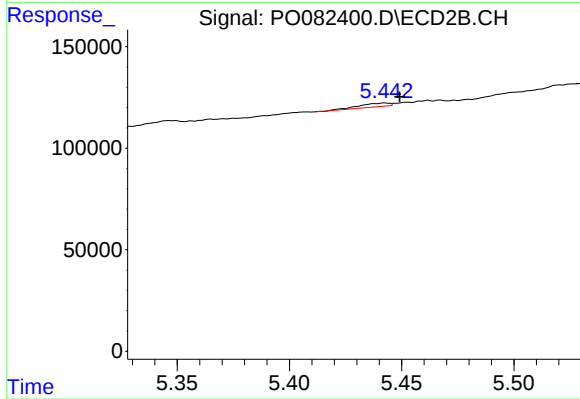
R.T.: 5.270 min
Delta R.T.: 0.011 min
Response: 16547
Conc: 10.00 ng/ml



#5 AR-1016-3

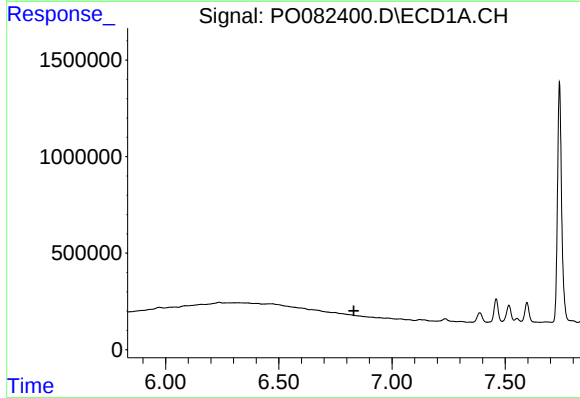
R.T.: 0.000 min
Exp R.T.: 6.405 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



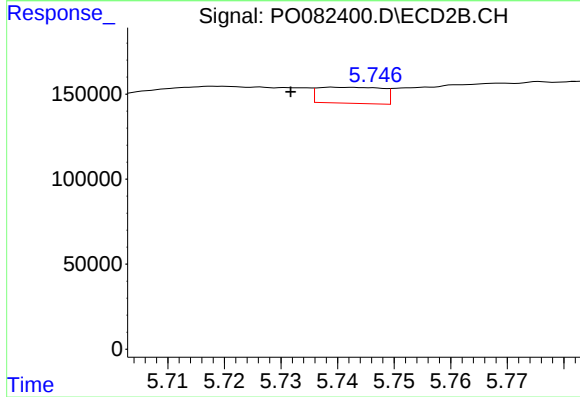
#5 AR-1016-3

R.T.: 5.442 min
Delta R.T.: -0.007 min
Response: 16499
Conc: 18.54 ng/ml



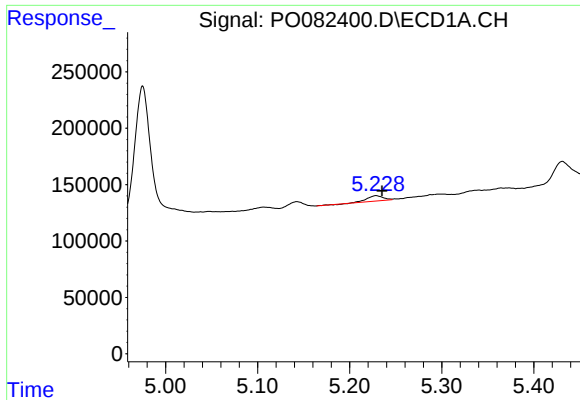
#7 AR-1016-5

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



#7 AR-1016-5

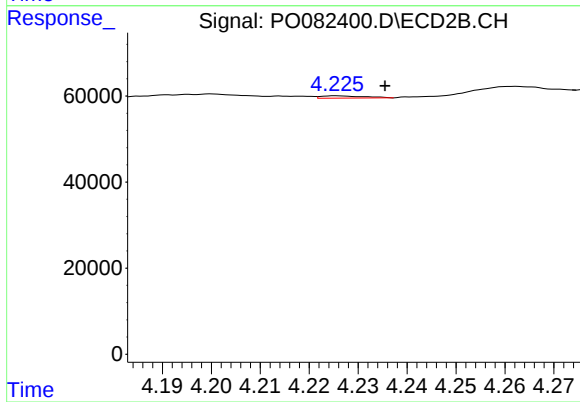
R.T.: 5.739 min
Delta R.T.: 0.007 min
Response: 74409
Conc: 83.50 ng/ml



#8 AR-1221-1

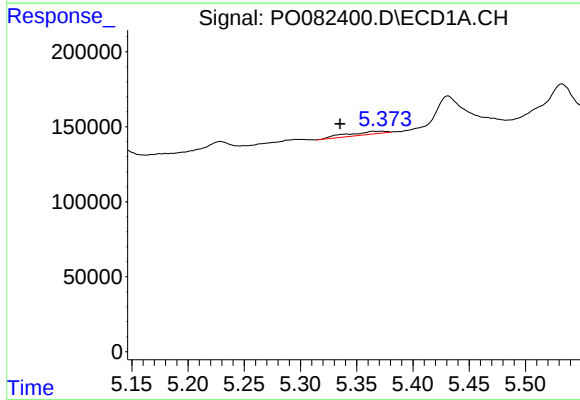
R.T.: 5.229 min
Delta R.T.: -0.007 min
Response: 56290
Conc: 65.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



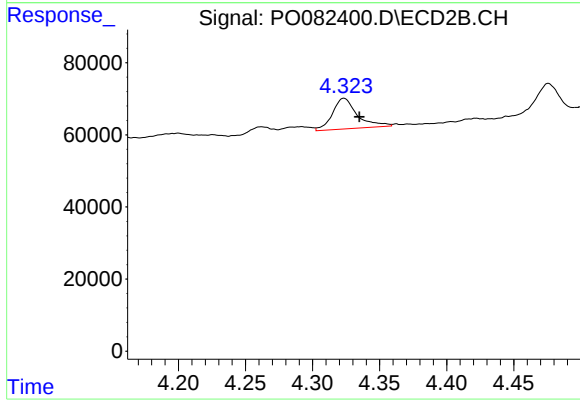
#8 AR-1221-1

R.T.: 4.226 min
Delta R.T.: -0.010 min
Response: 3261
Conc: 8.83 ng/ml



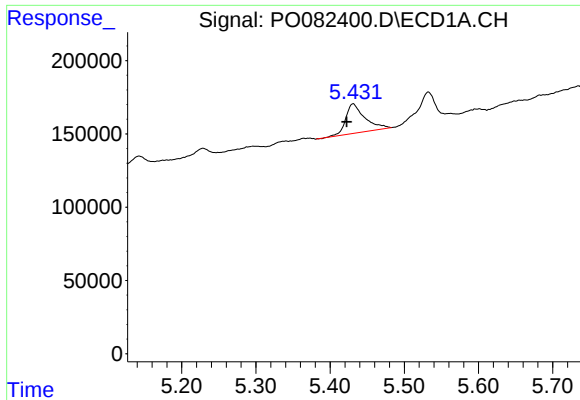
#9 AR-1221-2

R.T.: 5.365 min
Delta R.T.: 0.030 min
Response: 48685
Conc: 75.76 ng/ml



#9 AR-1221-2

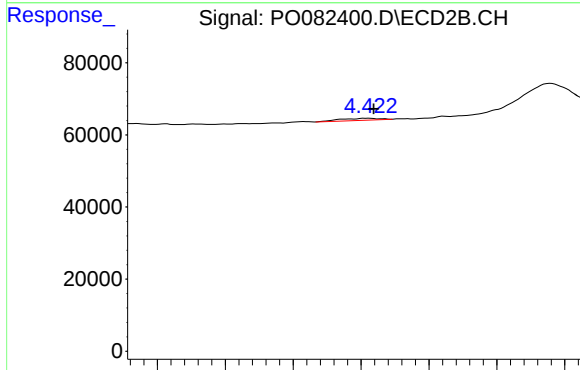
R.T.: 4.323 min
Delta R.T.: -0.011 min
Response: 110073
Conc: 393.03 ng/ml



#10 AR-1221-3

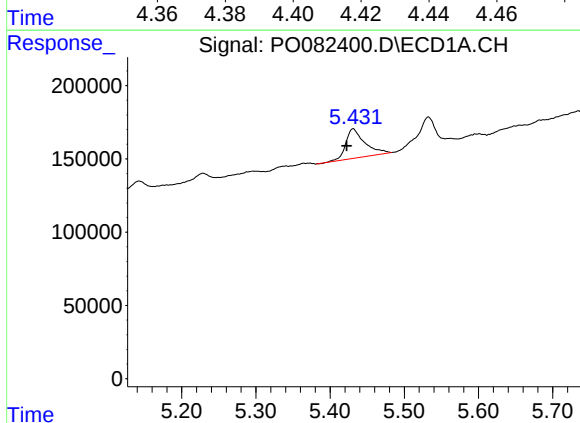
R.T.: 5.431 min
Delta R.T.: 0.009 min
Response: 359502
Conc: 176.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



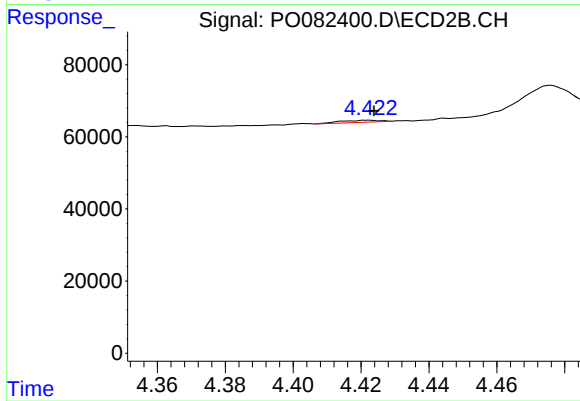
#10 AR-1221-3

R.T.: 4.422 min
Delta R.T.: -0.002 min
Response: 4497
Conc: 5.33 ng/ml



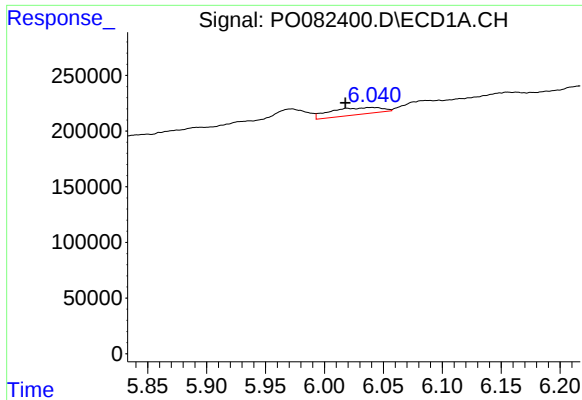
#11 AR-1232-1

R.T.: 5.431 min
Delta R.T.: 0.009 min
Response: 359502
Conc: 238.37 ng/ml



#11 AR-1232-1

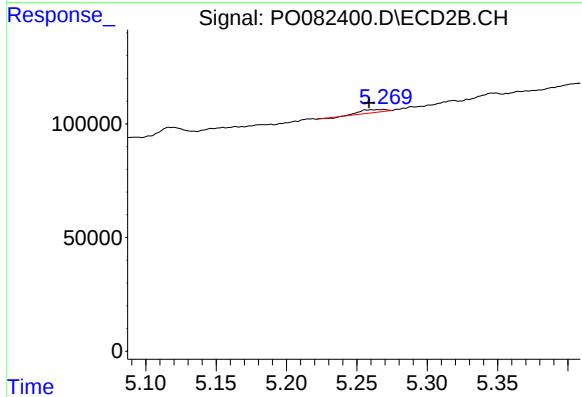
R.T.: 4.422 min
Delta R.T.: -0.002 min
Response: 4497
Conc: 6.83 ng/ml



#12 AR-1232-2

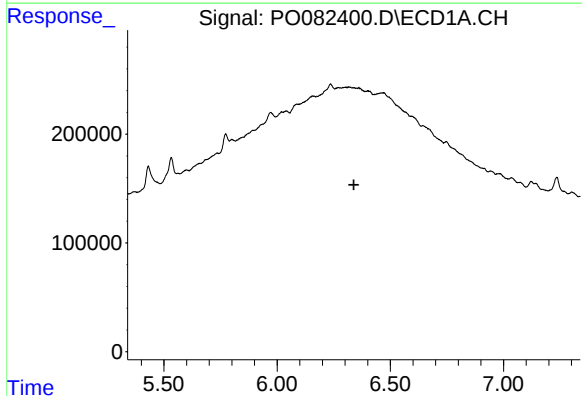
R.T.: 6.040 min
Delta R.T.: 0.022 min
Response: 190222
Conc: 232.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



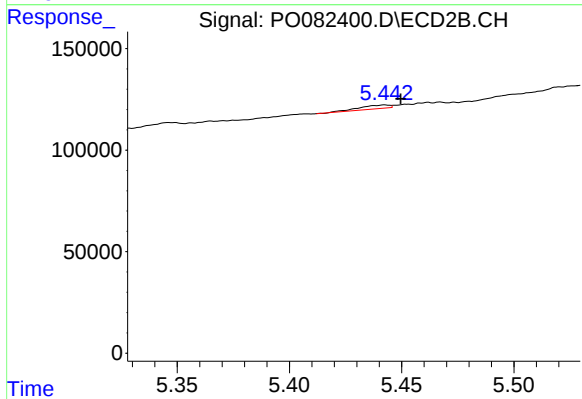
#12 AR-1232-2

R.T.: 5.270 min
Delta R.T.: 0.011 min
Response: 16547
Conc: 23.16 ng/ml



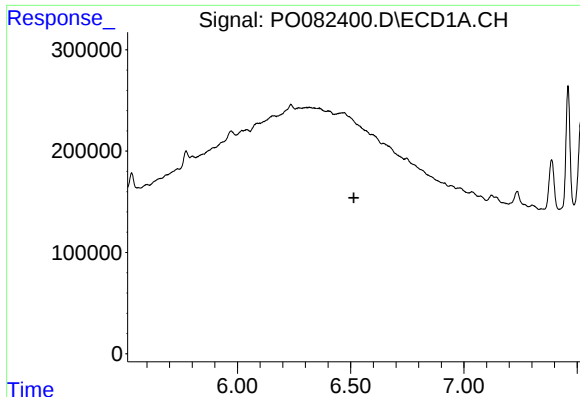
#13 AR-1232-3

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



#13 AR-1232-3

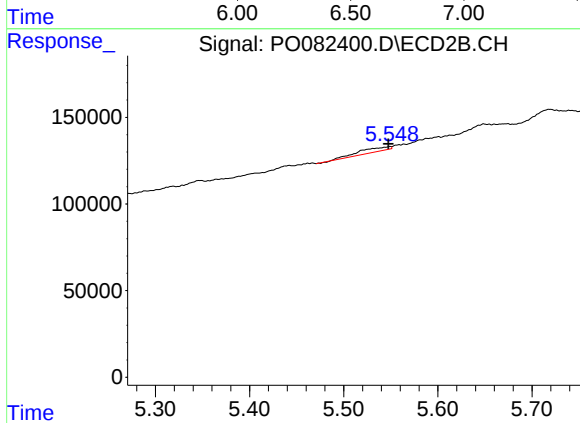
R.T.: 5.442 min
Delta R.T.: -0.007 min
Response: 16499
Conc: 43.53 ng/ml



#14 AR-1232-4

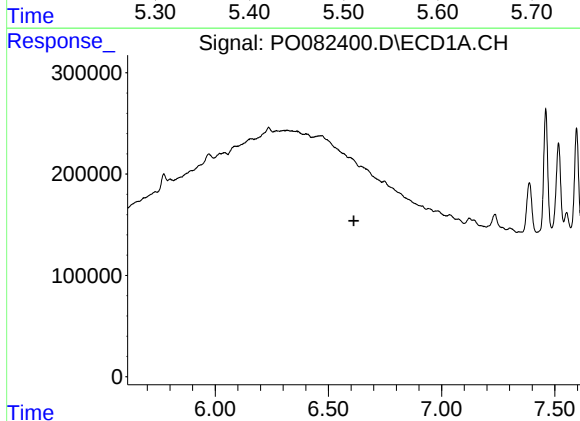
R.T.: 0.000 min
Exp R.T.: 6.514 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



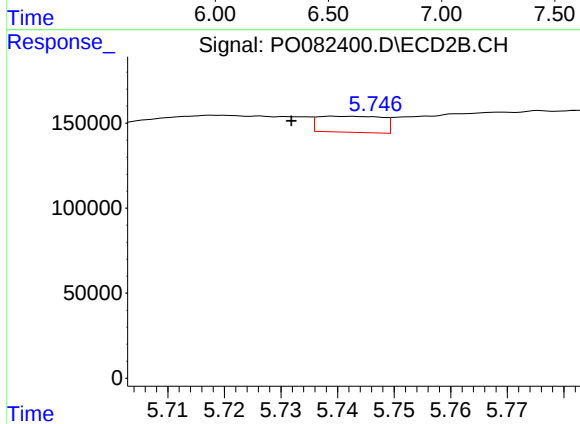
#14 AR-1232-4

R.T.: 5.549 min
Delta R.T.: 0.002 min
Response: 55899
Conc: 159.29 ng/ml



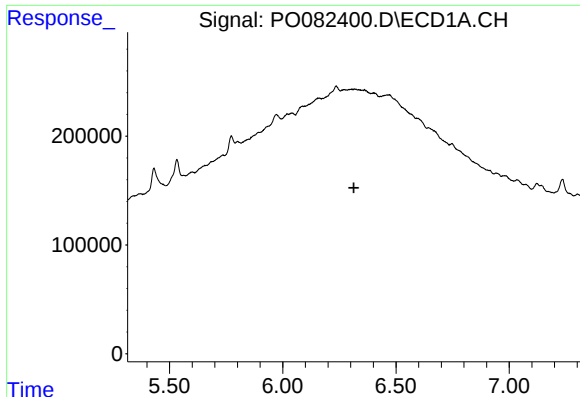
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.613 min
Response: 0
Conc: N.D.



#15 AR-1232-5

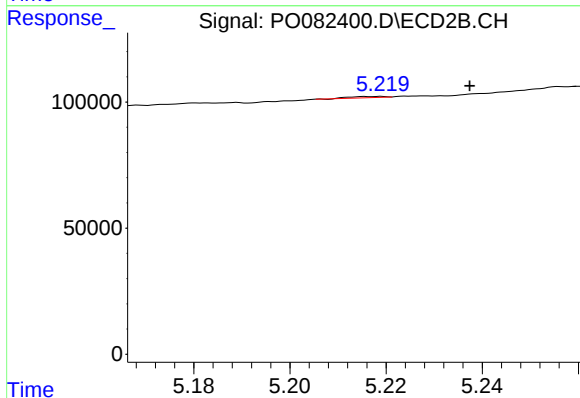
R.T.: 5.739 min
Delta R.T.: 0.007 min
Response: 74409
Conc: 195.95 ng/ml



#16 AR-1242-1

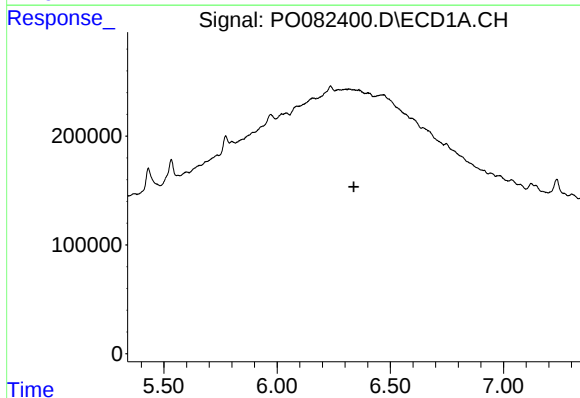
R.T.: 0.000 min
Exp R.T.: 6.314 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



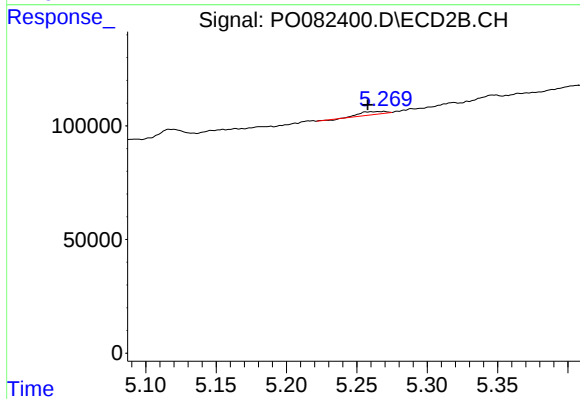
#16 AR-1242-1

R.T.: 5.219 min
Delta R.T.: -0.018 min
Response: 2201
Conc: 2.40 ng/ml



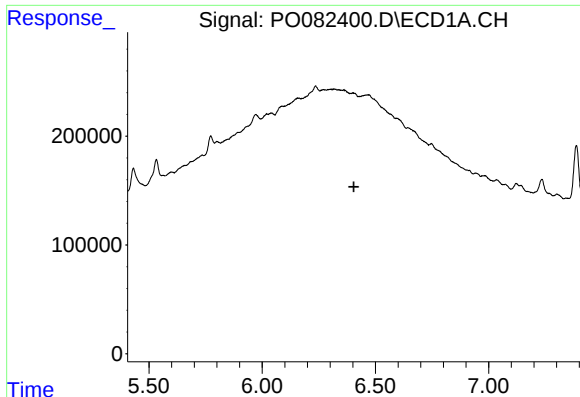
#17 AR-1242-2

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



#17 AR-1242-2

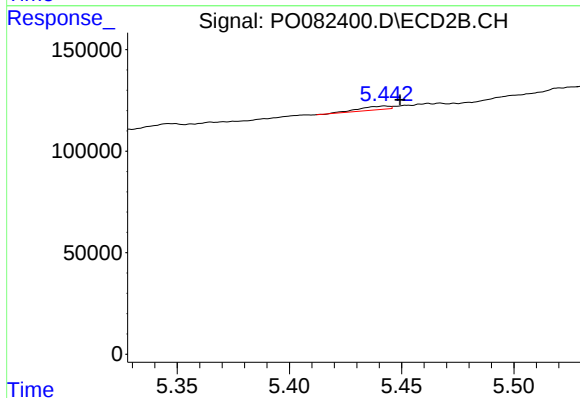
R.T.: 5.270 min
Delta R.T.: 0.012 min
Response: 16547
Conc: 13.49 ng/ml



#18 AR-1242-3

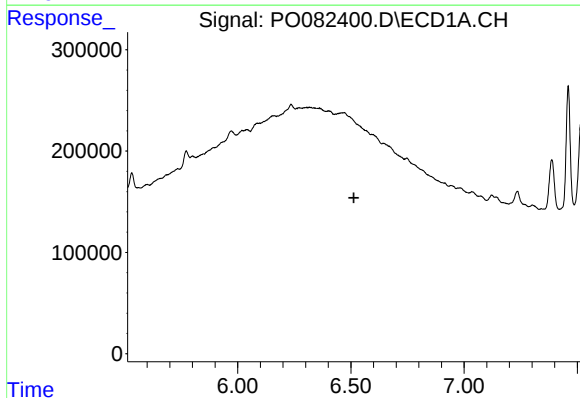
R.T.: 0.000 min
Exp R.T.: 6.405 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



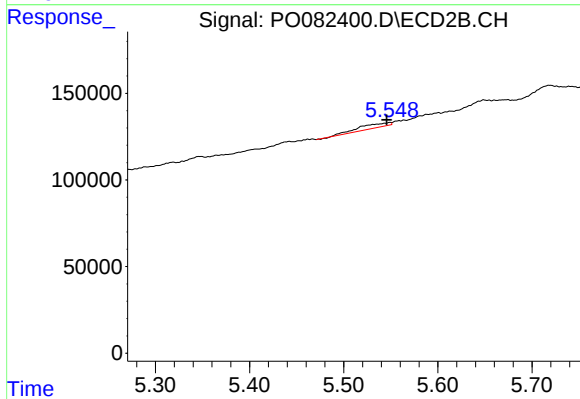
#18 AR-1242-3

R.T.: 5.442 min
Delta R.T.: -0.007 min
Response: 16499
Conc: 24.52 ng/ml



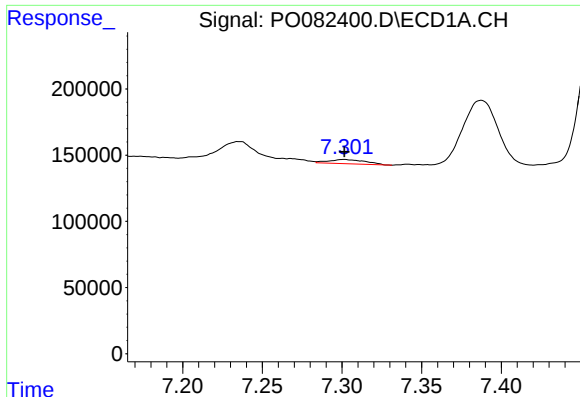
#19 AR-1242-4

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



#19 AR-1242-4

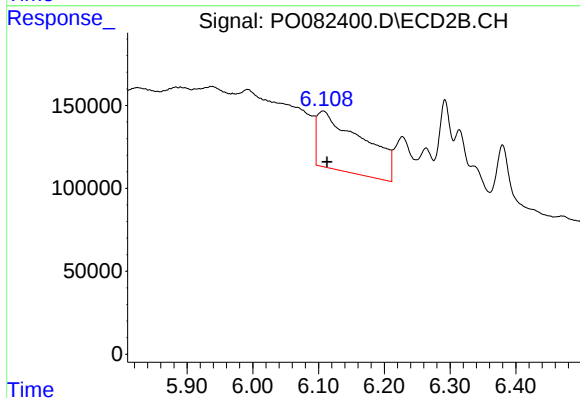
R.T.: 5.549 min
Delta R.T.: 0.003 min
Response: 55899
Conc: 83.27 ng/ml



#20 AR-1242-5

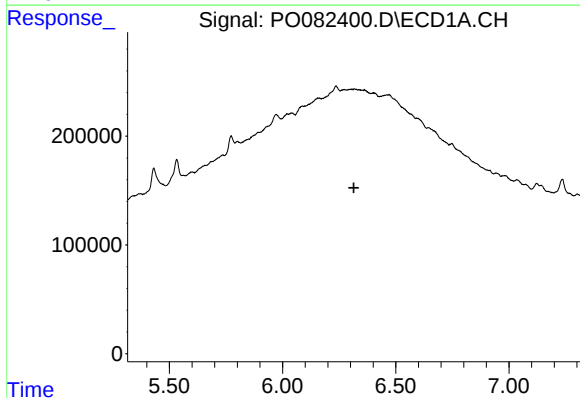
R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 51971
Conc: 40.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



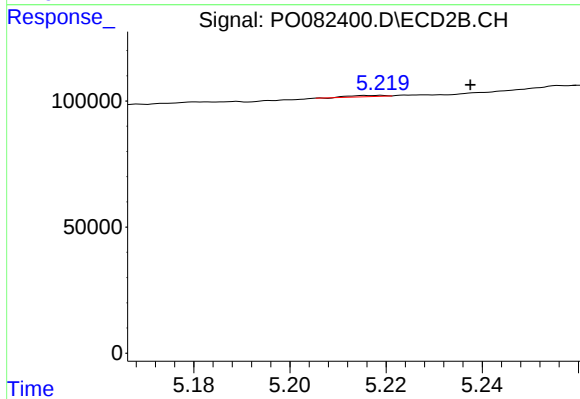
#20 AR-1242-5

R.T.: 6.107 min
Delta R.T.: -0.006 min
Response: 1679435
Conc: 1954.54 ng/ml



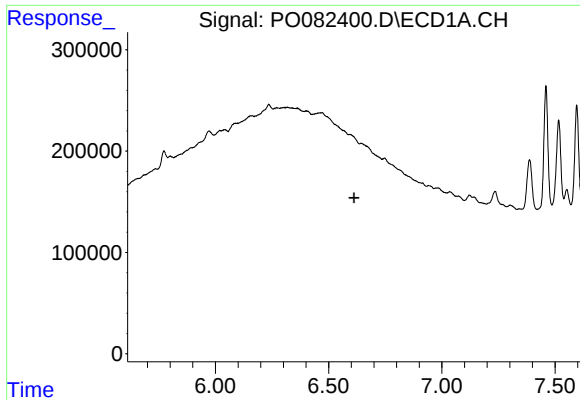
#21 AR-1248-1

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



#21 AR-1248-1

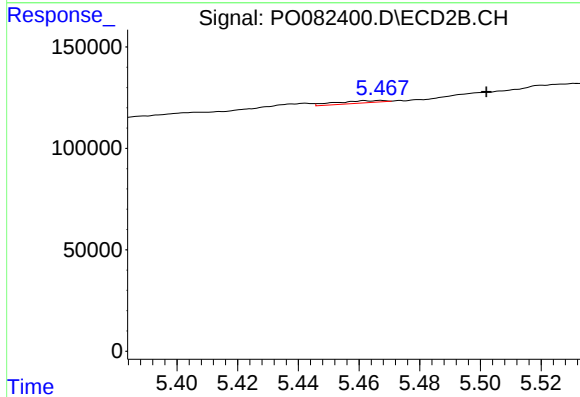
R.T.: 5.219 min
Delta R.T.: -0.019 min
Response: 2201
Conc: 3.01 ng/ml



#22 AR-1248-2

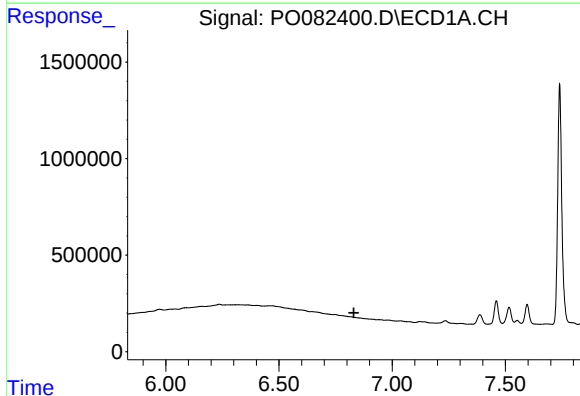
R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



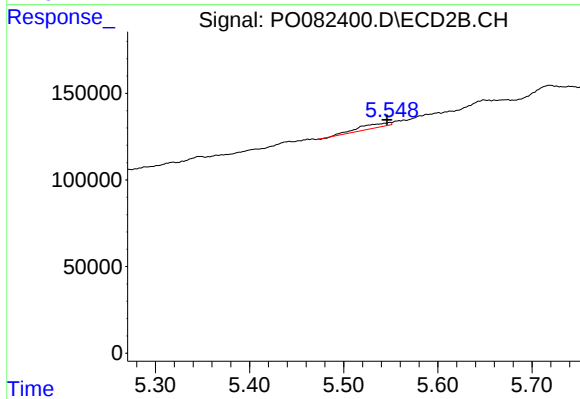
#22 AR-1248-2

R.T.: 5.467 min
Delta R.T.: -0.035 min
Response: 12382
Conc: 12.88 ng/ml



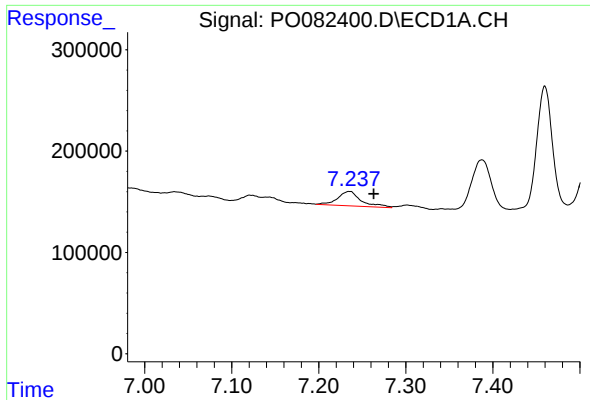
#23 AR-1248-3

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



#23 AR-1248-3

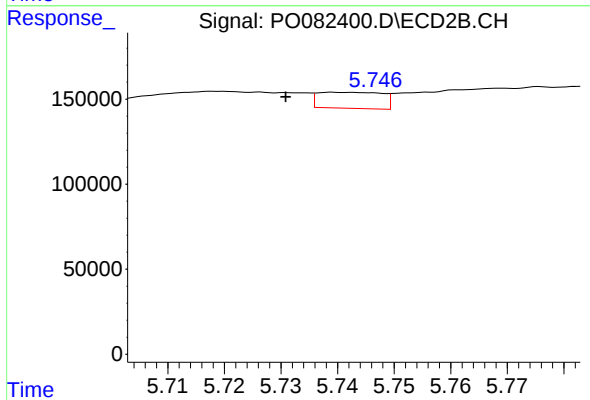
R.T.: 5.549 min
Delta R.T.: 0.003 min
Response: 55899
Conc: 56.72 ng/ml



#24 AR-1248-4

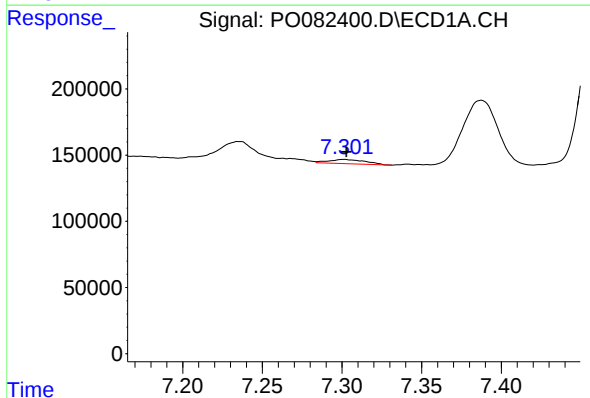
R.T.: 7.236 min
Delta R.T.: -0.028 min
Response: 266782
Conc: 113.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



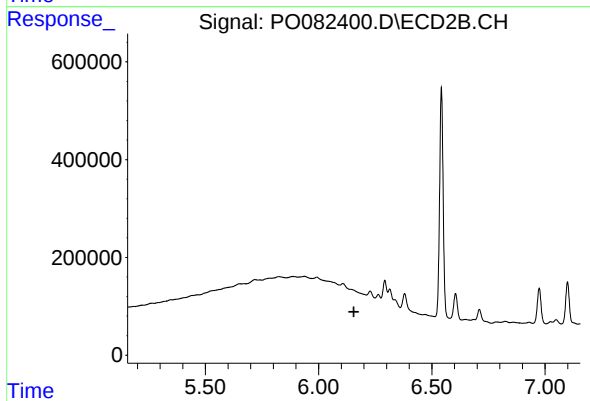
#24 AR-1248-4

R.T.: 5.739 min
Delta R.T.: 0.008 min
Response: 74409
Conc: 64.73 ng/ml



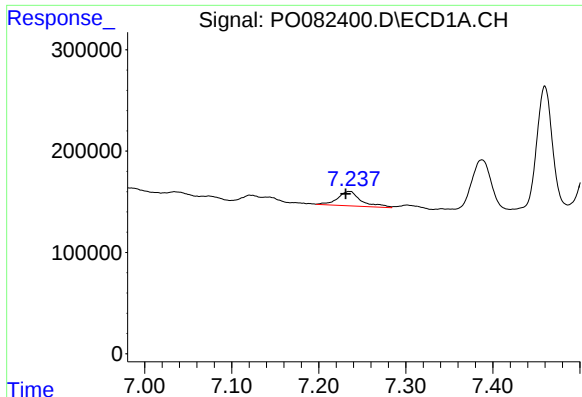
#25 AR-1248-5

R.T.: 7.301 min
Delta R.T.: -0.001 min
Response: 51971
Conc: 23.32 ng/ml



#25 AR-1248-5

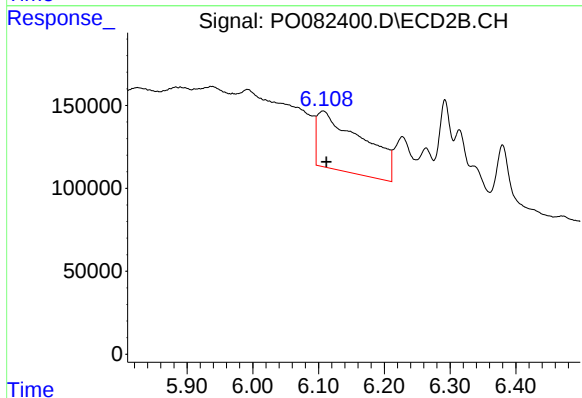
R.T.: 0.000 min
Exp R.T. : 6.156 min
Response: 0
Conc: N.D.



#26 AR-1254-1

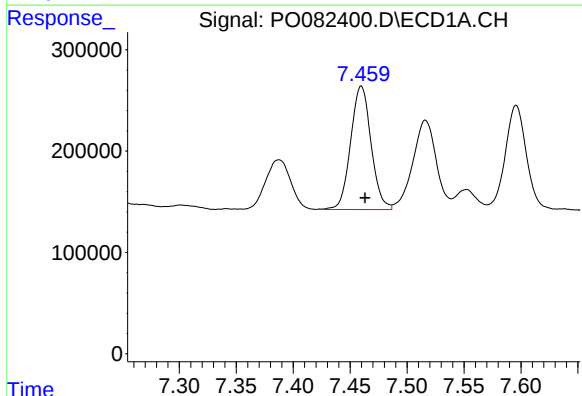
R.T.: 7.236 min
Delta R.T.: 0.005 min
Response: 266782
Conc: 111.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



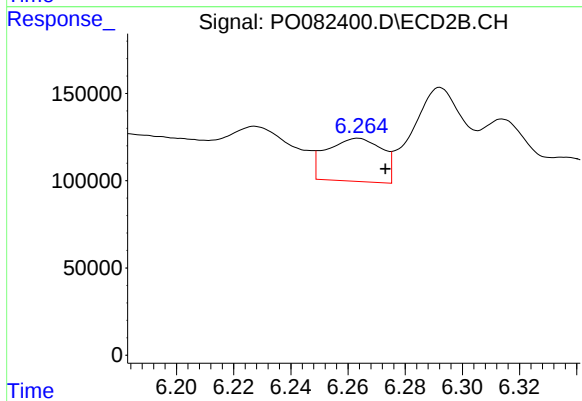
#26 AR-1254-1

R.T.: 6.107 min
Delta R.T.: -0.005 min
Response: 1679435
Conc: 1008.45 ng/ml



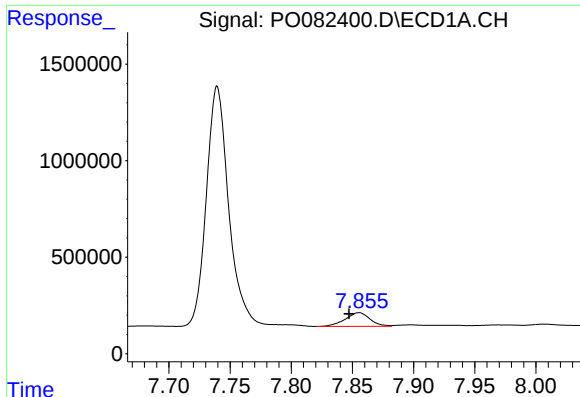
#27 AR-1254-2

R.T.: 7.460 min
Delta R.T.: -0.003 min
Response: 1524031
Conc: 417.81 ng/ml



#27 AR-1254-2

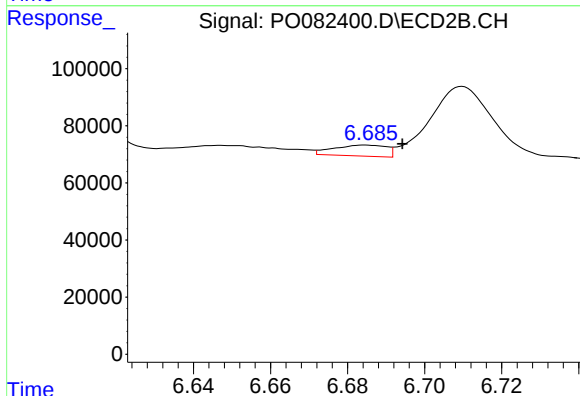
R.T.: 6.263 min
Delta R.T.: -0.010 min
Response: 331845
Conc: 222.27 ng/ml



#28 AR-1254-3

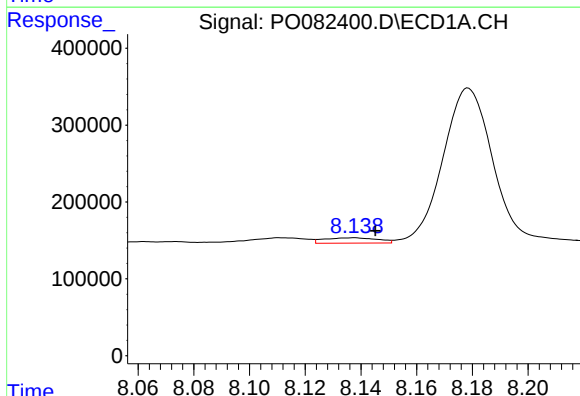
R.T.: 7.855 min
Delta R.T.: 0.008 min
Response: 1001454
Conc: 276.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



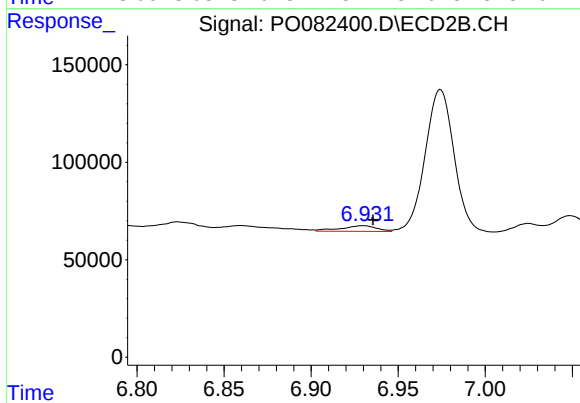
#28 AR-1254-3

R.T.: 6.685 min
Delta R.T.: -0.010 min
Response: 36662
Conc: 16.37 ng/ml



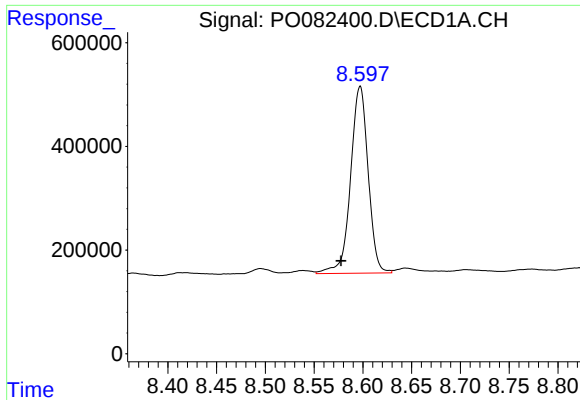
#29 AR-1254-4

R.T.: 8.137 min
Delta R.T.: -0.008 min
Response: 91560
Conc: 33.98 ng/ml



#29 AR-1254-4

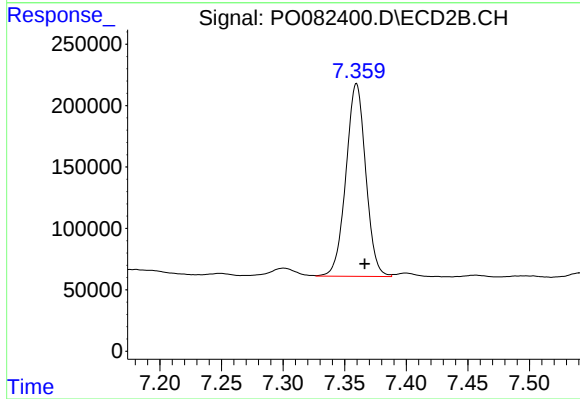
R.T.: 6.930 min
Delta R.T.: -0.006 min
Response: 41775
Conc: 28.44 ng/ml



#30 AR-1254-5

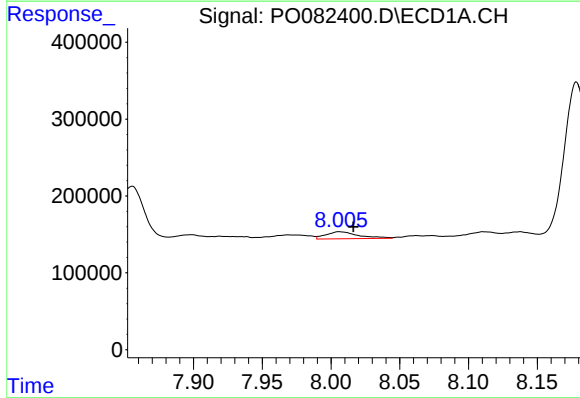
R.T.: 8.597 min
Delta R.T.: 0.020 min
Response: 4523875
Conc: 1553.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



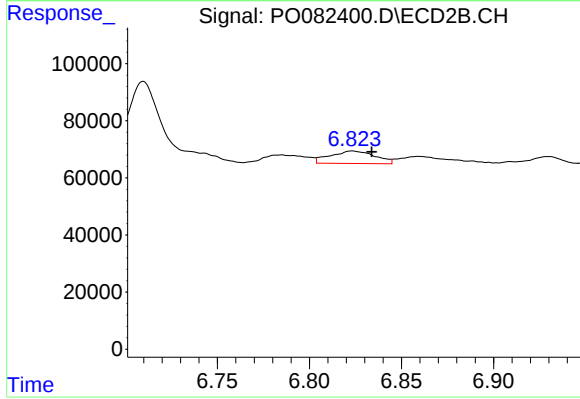
#30 AR-1254-5

R.T.: 7.360 min
Delta R.T.: -0.007 min
Response: 1756413
Conc: 852.92 ng/ml



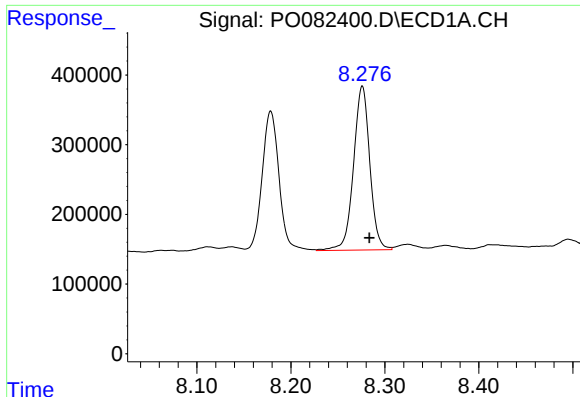
#31 AR-1260-1

R.T.: 8.006 min
Delta R.T.: -0.010 min
Response: 149571
Conc: 53.00 ng/ml



#31 AR-1260-1

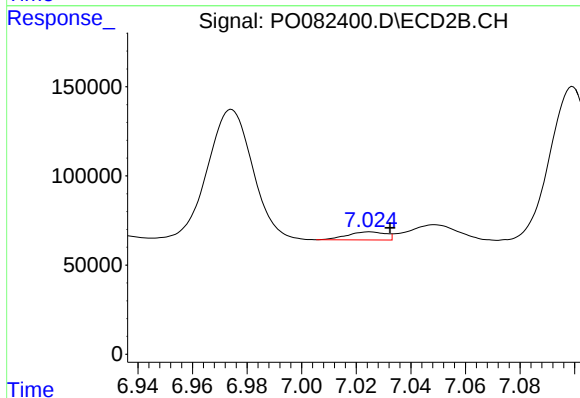
R.T.: 6.823 min
Delta R.T.: -0.011 min
Response: 73738
Conc: 44.55 ng/ml



#32 AR-1260-2

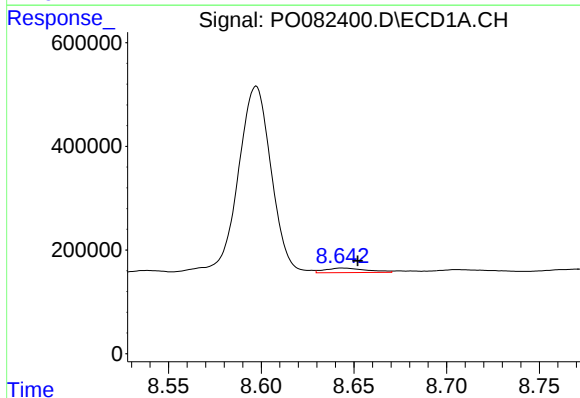
R.T.: 8.276 min
Delta R.T.: -0.007 min
Response: 2834624
Conc: 852.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



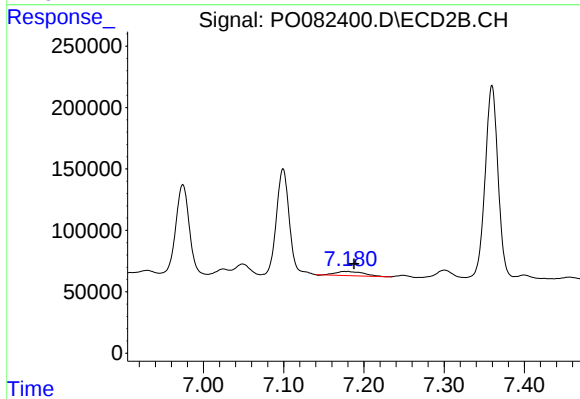
#32 AR-1260-2

R.T.: 7.025 min
Delta R.T.: -0.008 min
Response: 44296
Conc: 22.08 ng/ml



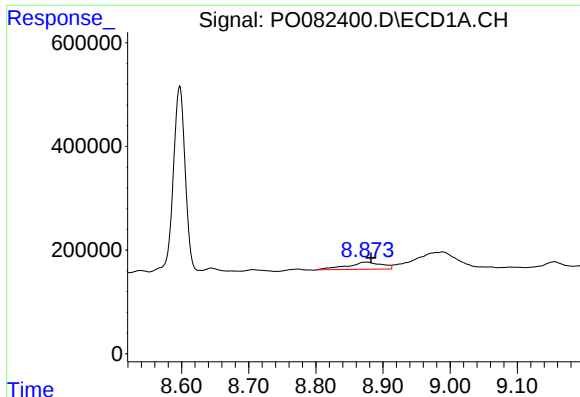
#33 AR-1260-3

R.T.: 8.644 min
Delta R.T.: -0.008 min
Response: 133585
Conc: 59.27 ng/ml



#33 AR-1260-3

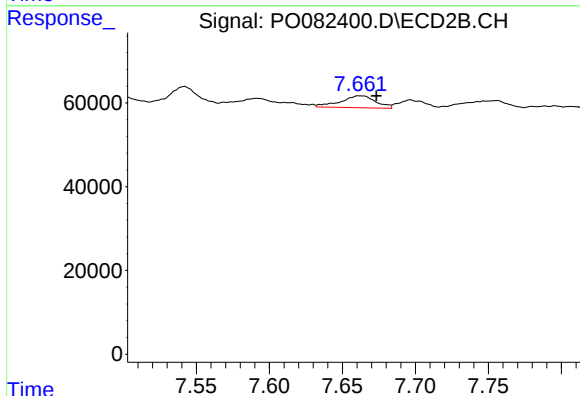
R.T.: 7.180 min
Delta R.T.: -0.008 min
Response: 83728
Conc: 44.20 ng/ml



#34 AR-1260-4

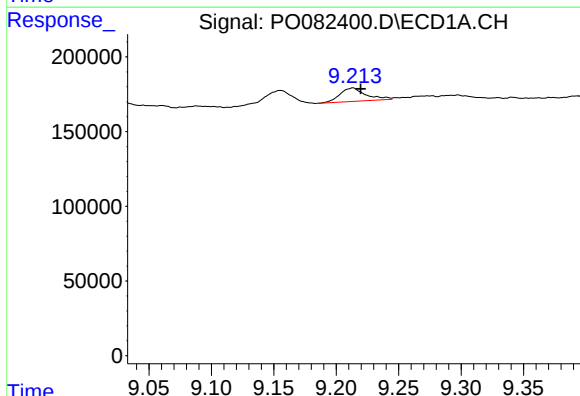
R.T.: 8.874 min
Delta R.T.: -0.009 min
Response: 505523
Conc: 190.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



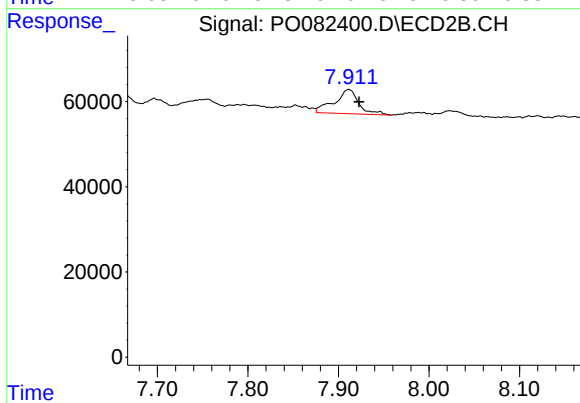
#34 AR-1260-4

R.T.: 7.662 min
Delta R.T.: -0.011 min
Response: 47534
Conc: 34.68 ng/ml



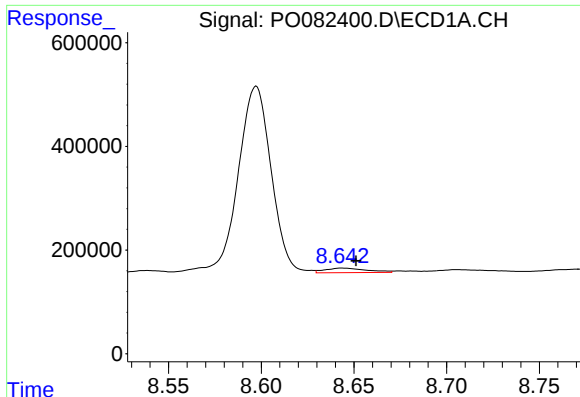
#35 AR-1260-5

R.T.: 9.213 min
Delta R.T.: -0.006 min
Response: 130542
Conc: 23.83 ng/ml



#35 AR-1260-5

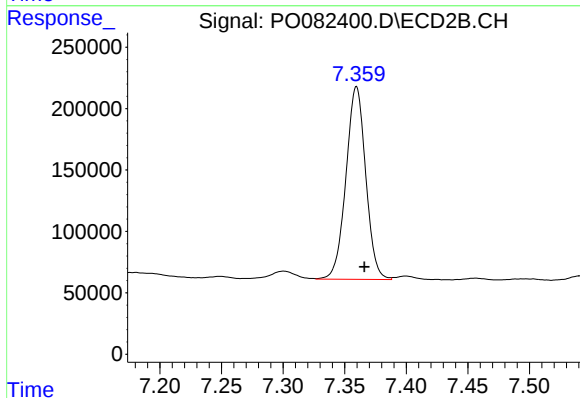
R.T.: 7.912 min
Delta R.T.: -0.011 min
Response: 107058
Conc: 32.40 ng/ml



#36 AR-1262-1

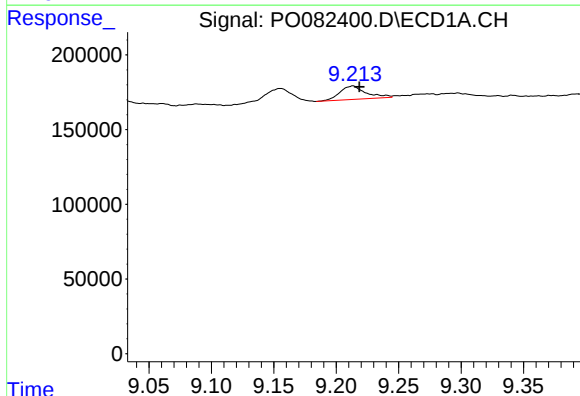
R.T.: 8.644 min
Delta R.T.: -0.007 min
Response: 133585
Conc: 39.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



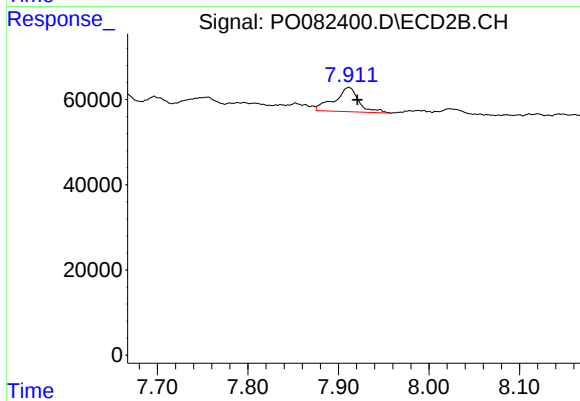
#36 AR-1262-1

R.T.: 7.360 min
Delta R.T.: -0.006 min
Response: 1756413
Conc: 1592.25 ng/ml



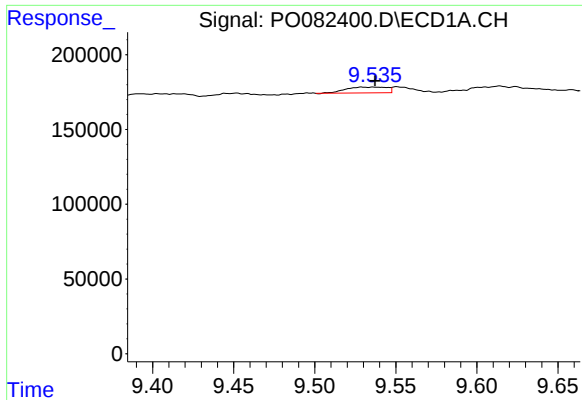
#37 AR-1262-2

R.T.: 9.213 min
Delta R.T.: -0.005 min
Response: 130542
Conc: 20.79 ng/ml



#37 AR-1262-2

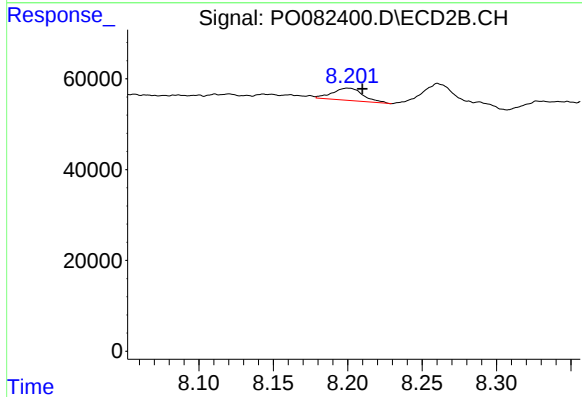
R.T.: 7.912 min
Delta R.T.: -0.010 min
Response: 107058
Conc: 29.97 ng/ml



#38 AR-1262-3

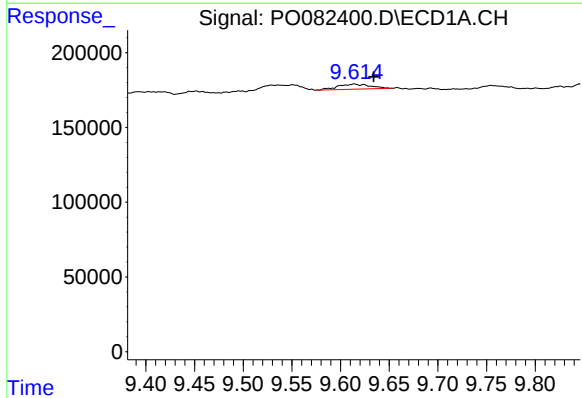
R.T.: 9.529 min
Delta R.T.: -0.008 min
Response: 67506
Conc: 24.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



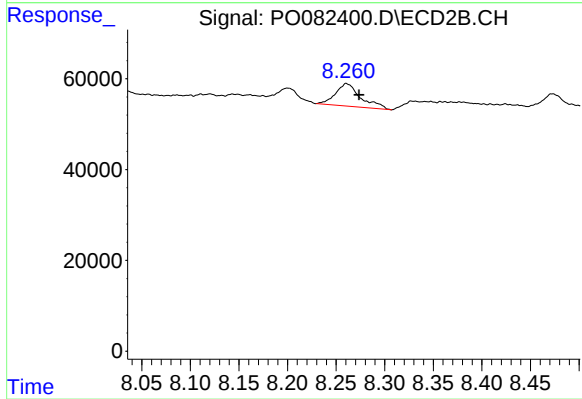
#38 AR-1262-3

R.T.: 8.200 min
Delta R.T.: -0.010 min
Response: 38781
Conc: 25.77 ng/ml



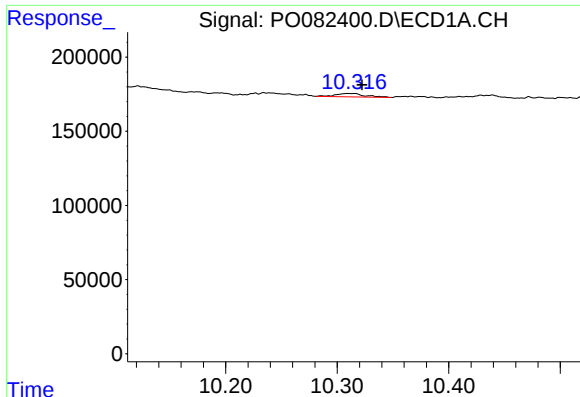
#39 AR-1262-4

R.T.: 9.614 min
Delta R.T.: -0.020 min
Response: 79427
Conc: 47.44 ng/ml



#39 AR-1262-4

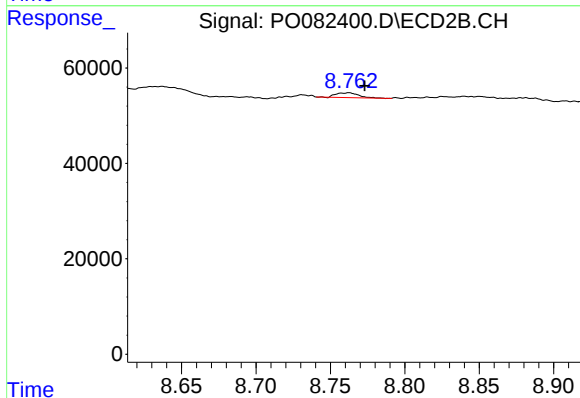
R.T.: 8.261 min
Delta R.T.: -0.013 min
Response: 89779
Conc: 33.73 ng/ml



#40 AR-1262-5

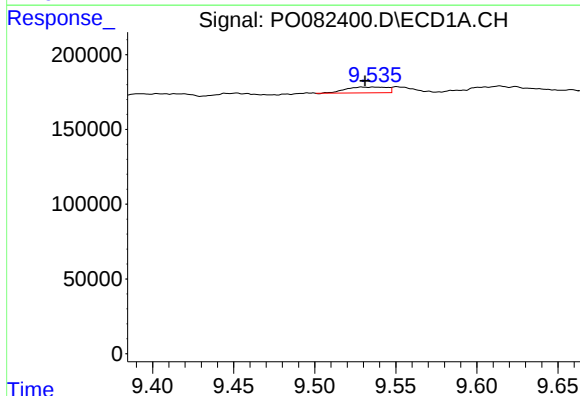
R.T.: 10.315 min
Delta R.T.: -0.007 min
Response: 40762
Conc: 17.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



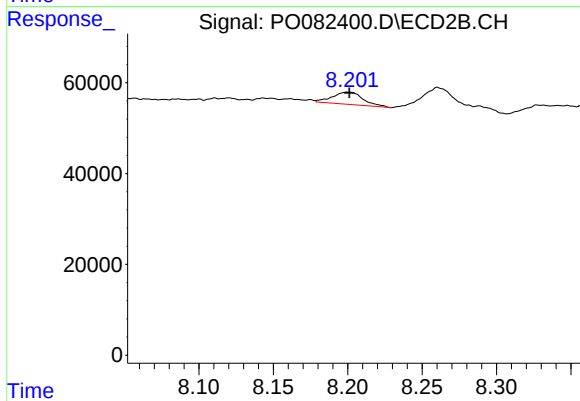
#40 AR-1262-5

R.T.: 8.762 min
Delta R.T.: -0.011 min
Response: 10216
Conc: 8.09 ng/ml



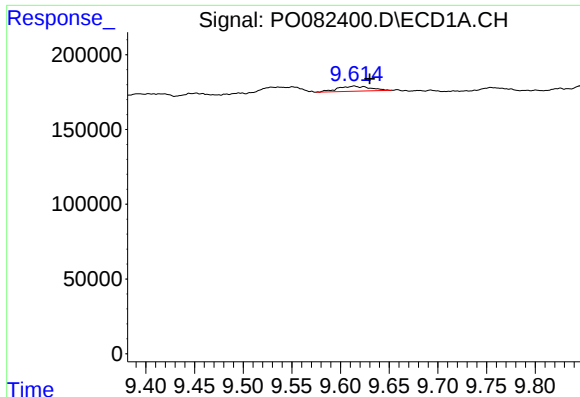
#41 AR-1268-1

R.T.: 9.529 min
Delta R.T.: -0.002 min
Response: 67506
Conc: 7.95 ng/ml



#41 AR-1268-1

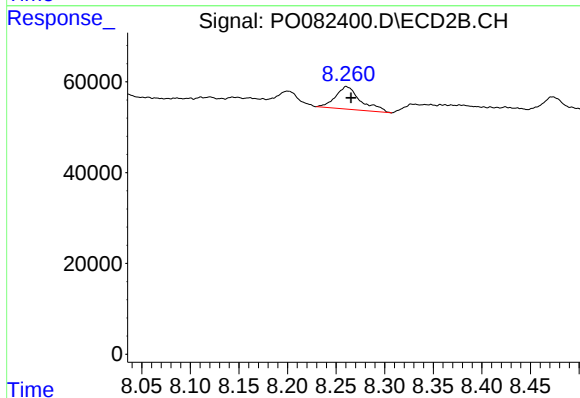
R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 38781
Conc: 7.77 ng/ml



#42 AR-1268-2

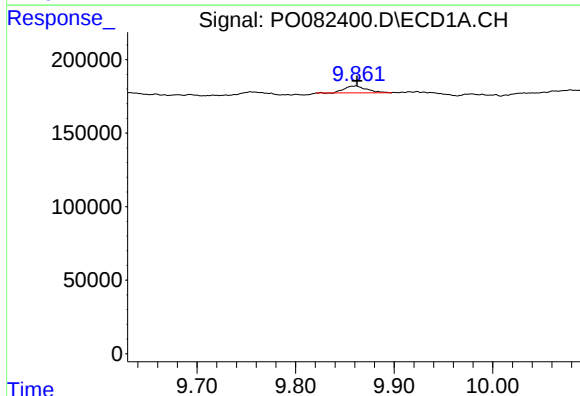
R.T.: 9.614 min
Delta R.T.: -0.016 min
Response: 79427
Conc: 10.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



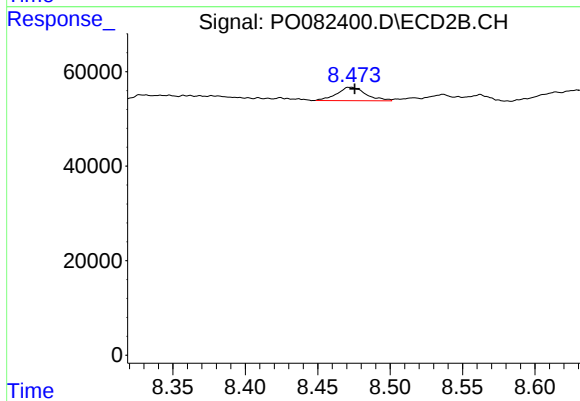
#42 AR-1268-2

R.T.: 8.261 min
Delta R.T.: -0.005 min
Response: 89779
Conc: 20.05 ng/ml



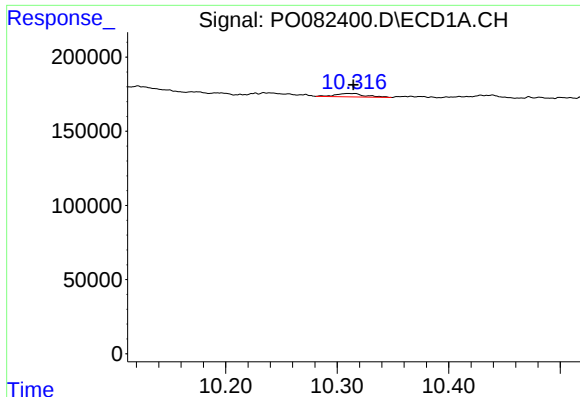
#43 AR-1268-3

R.T.: 9.861 min
Delta R.T.: -0.002 min
Response: 74482
Conc: 10.98 ng/ml



#43 AR-1268-3

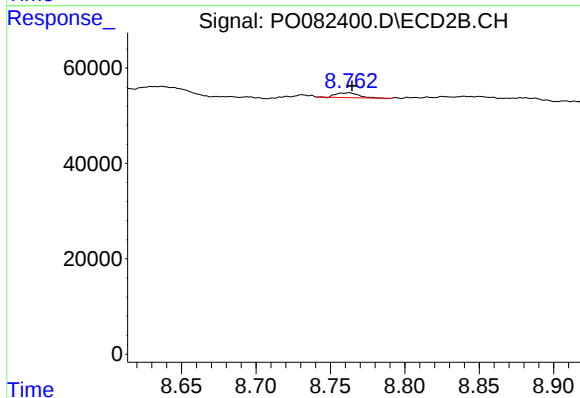
R.T.: 8.472 min
Delta R.T.: -0.003 min
Response: 39298
Conc: 10.32 ng/ml



#44 AR-1268-4

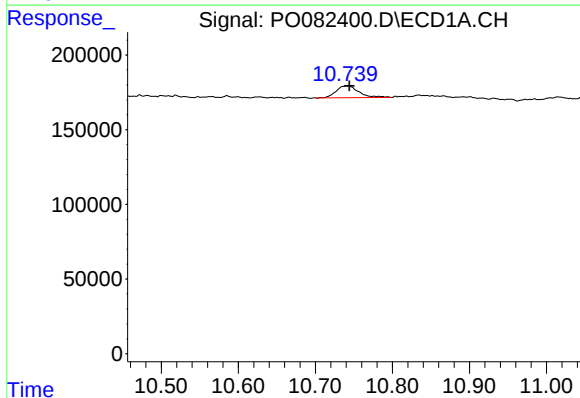
R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 40762
Conc: 14.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



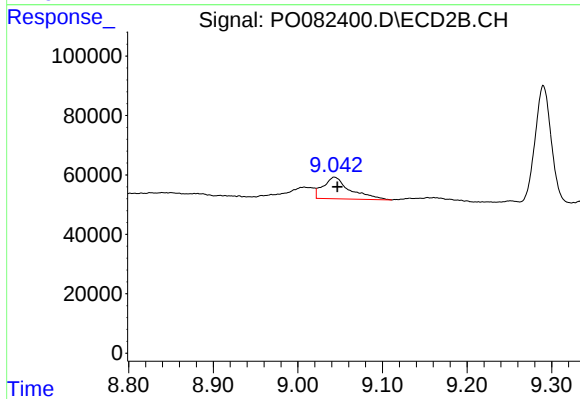
#44 AR-1268-4

R.T.: 8.762 min
Delta R.T.: -0.002 min
Response: 10216
Conc: 6.52 ng/ml



#45 AR-1268-5

R.T.: 10.741 min
Delta R.T.: -0.003 min
Response: 161116
Conc: 7.03 ng/ml



#45 AR-1268-5

R.T.: 9.043 min
Delta R.T.: -0.004 min
Response: 159825
Conc: 14.48 ng/ml