

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102519\
 Data File : PO063170.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Oct 2019 16:31
 Operator : HP/AJ
 Sample : K5499-03RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:16:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 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...	4.315	3.478	993006	828632	16.056	19.324
2) SA Decachlor...	9.935	8.324	648850	378406	11.596	12.897
Target Compounds						
3) L1 AR-1016-1	5.496	0.000	103428	0	43.702	N.D. #
4) L1 AR-1016-2	5.496	0.000	103428	0	30.365	N.D. #
5) L1 AR-1016-3	5.630	4.708	34511	74653	16.677	60.396 #
6) L1 AR-1016-4	5.630	4.750	34511	39961	20.361	40.664 #
7) L1 AR-1016-5	5.906	4.960	106345	74529	59.801	57.794
10) L2 AR-1221-3	0.000	3.893	0	83002	N.D.	70.532 #
11) L3 AR-1232-1	0.000	3.893	0	83002	N.D.	53.566 #
13) L3 AR-1232-3	5.496	4.708	103428	74653	40.429	81.675 #
14) L3 AR-1232-4	5.630	4.814	34511	63160	26.847	77.638 #
15) L3 AR-1232-5	5.747	4.960	69303	74529	70.023	84.389
16) L4 AR-1242-1	5.496	0.000	103428	0	55.817	N.D. #
17) L4 AR-1242-2	5.496	0.000	103428	0	38.990	N.D. #
18) L4 AR-1242-3	5.630	4.708	34511	74653	21.132	78.415 #
19) L4 AR-1242-4	5.630	4.814	34511	63160	25.564	66.904 #
20) L4 AR-1242-5	6.392	5.300	154355	584469	100.989	489.803 #
21) L5 AR-1248-1	5.496	0.000	103428	0	72.164	N.D. #
22) L5 AR-1248-2	5.747	4.750	69303	39961	34.614	31.542
23) L5 AR-1248-3	5.906	4.814	106345	63160	48.151	47.580
24) L5 AR-1248-4	6.392	4.960	154355	74529	60.421	47.099
25) L5 AR-1248-5	6.392	5.367	154355	103445	63.127	67.216
26) L6 AR-1254-1	6.329	5.300	960038	584469	360.155	238.969 #
27) L6 AR-1254-2	6.543	5.440	685989	164512	167.786	77.678 #
28) L6 AR-1254-3	6.906	5.832	943544	656753	225.508	201.572
29) L6 AR-1254-4	7.188	6.058	195354	111970	64.830	57.973
30) L6 AR-1254-5	7.629	6.465	198941	697254	63.480	263.992 #
31) L7 AR-1260-1	7.065	5.959	504529	398016	177.206	187.325
32) L7 AR-1260-2	7.318	6.145	1105768	376829	322.329	148.497 #
33) L7 AR-1260-3	7.678	6.293	321585	327406	121.531	144.992
34) L7 AR-1260-4	7.900	6.755	401394	195165	143.506	111.152
35) L7 AR-1260-5	8.214	6.996	512944	482660	97.972	133.981 #
36) L8 AR-1262-1	7.678	6.555	321585	121921	78.342	102.302 #
37) L8 AR-1262-2	8.214	6.996	512944	482660	79.550	114.870 #
38) L8 AR-1262-3	8.529	7.274	379229	107884	86.240	61.339 #
39) L8 AR-1262-4	8.600	7.336	123739	330319	35.815	108.049 #
40) L8 AR-1262-5	9.228	7.825	157547	119878	69.752	91.789 #
41) L9 AR-1268-1	8.529	7.274	379229	107884	50.097	23.038 #
42) L9 AR-1268-2	8.600	7.336	123739	330319	17.615	79.066 #
43) L9 AR-1268-3	0.000	7.537	0	38494	N.D.	11.048 #
44) L9 AR-1268-4	9.228	7.825	157547	119878	66.308	84.133 #

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Operator : HP/AJ
Sample : K5499-03RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

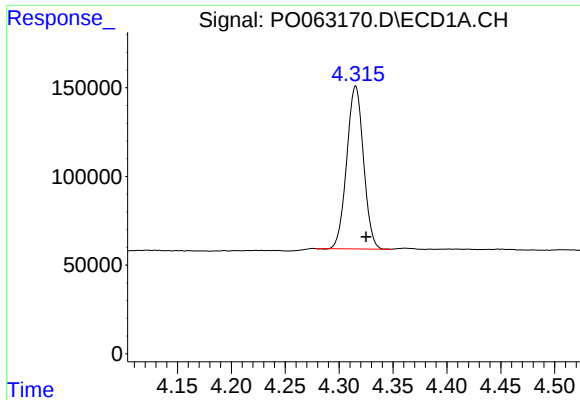
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 23:16:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
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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
45) L9	AR-1268-5	9.619	8.094	152454	79981	8.459	8.639

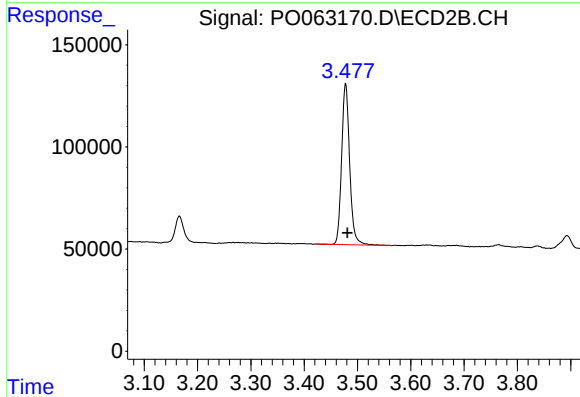
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

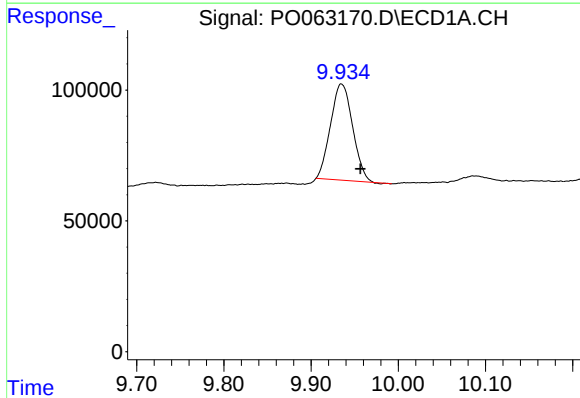
R.T.: 4.315 min
Delta R.T.: -0.010 min
Response: 993006
Conc: 16.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



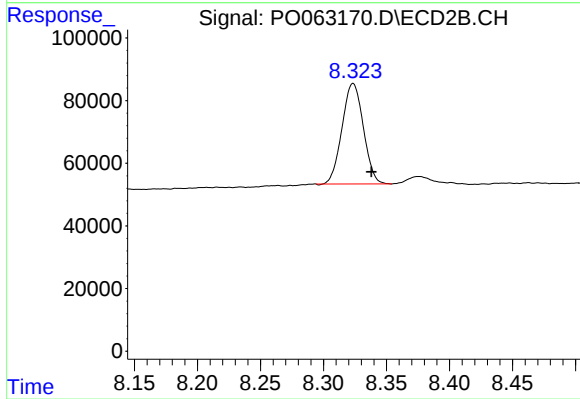
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: -0.004 min
Response: 828632
Conc: 19.32 ng/ml



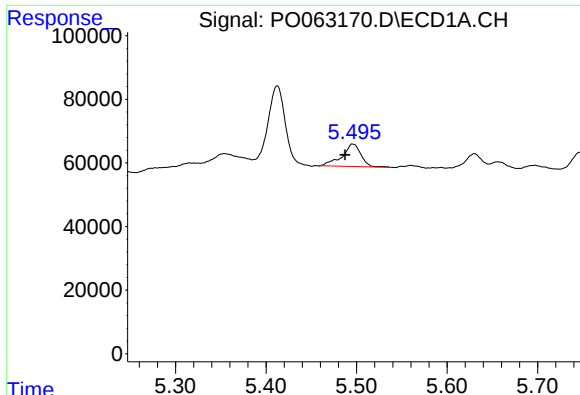
#2 Decachlorobiphenyl

R.T.: 9.935 min
Delta R.T.: -0.022 min
Response: 648850
Conc: 11.60 ng/ml



#2 Decachlorobiphenyl

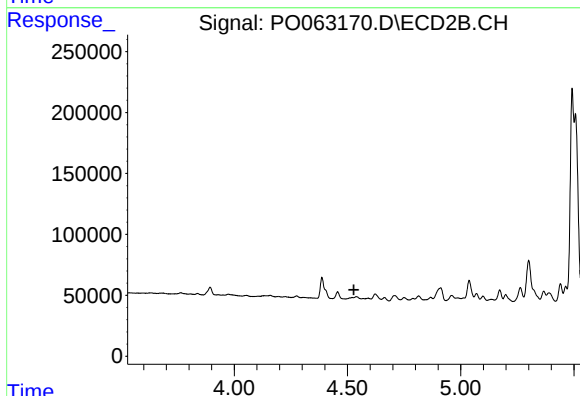
R.T.: 8.324 min
Delta R.T.: -0.014 min
Response: 378406
Conc: 12.90 ng/ml



#3 AR-1016-1

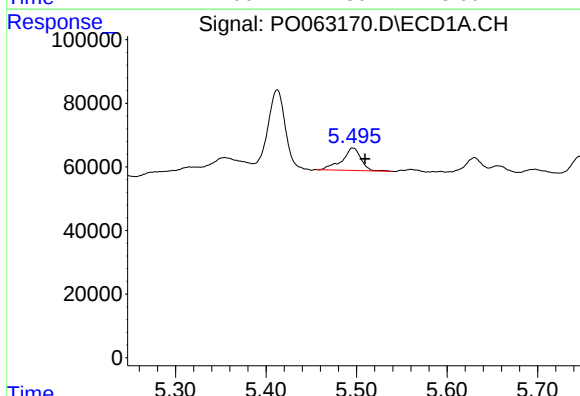
R.T.: 5.496 min
Delta R.T.: 0.009 min
Response: 103428
Conc: 43.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



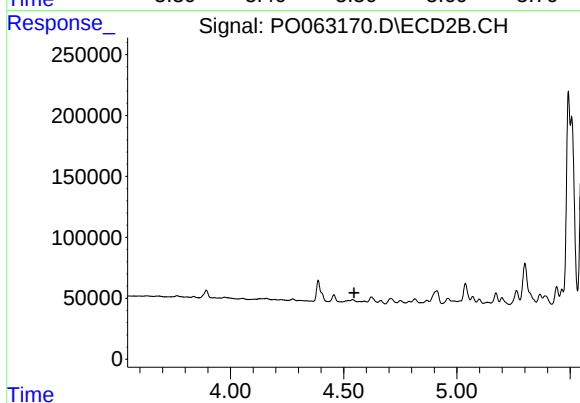
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.528 min
Response: 0
Conc: N.D.



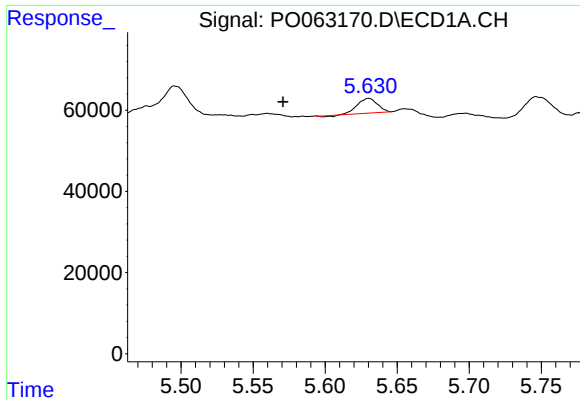
#4 AR-1016-2

R.T.: 5.496 min
Delta R.T.: -0.013 min
Response: 103428
Conc: 30.36 ng/ml



#4 AR-1016-2

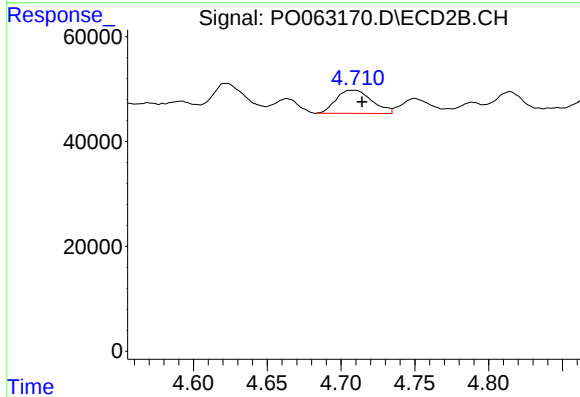
R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



#5 AR-1016-3

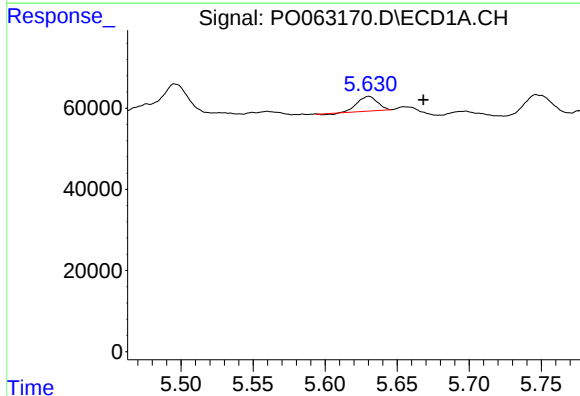
R.T.: 5.630 min
Delta R.T.: 0.059 min
Response: 34511
Conc: 16.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



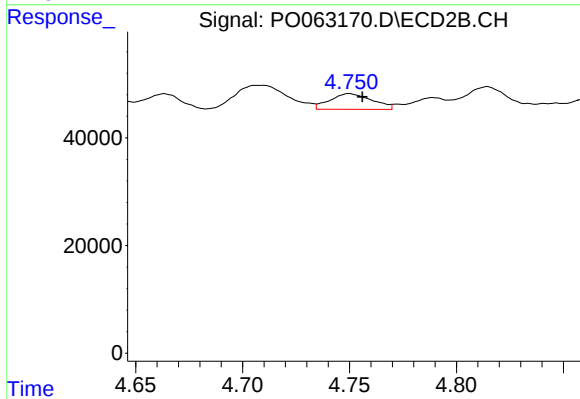
#5 AR-1016-3

R.T.: 4.708 min
Delta R.T.: -0.006 min
Response: 74653
Conc: 60.40 ng/ml



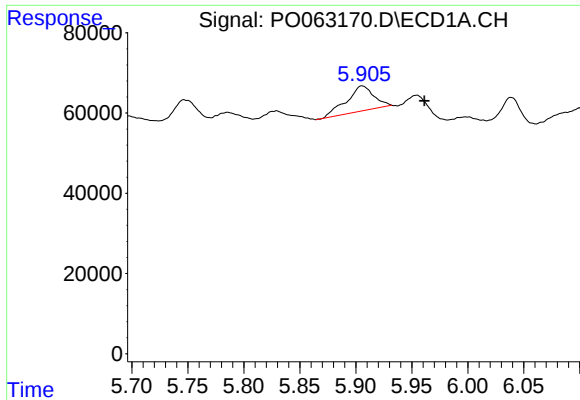
#6 AR-1016-4

R.T.: 5.630 min
Delta R.T.: -0.038 min
Response: 34511
Conc: 20.36 ng/ml



#6 AR-1016-4

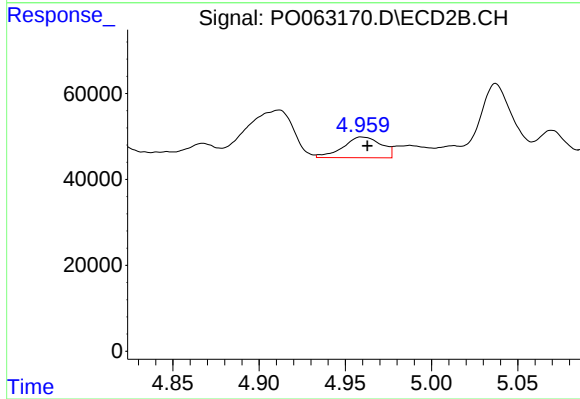
R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 39961
Conc: 40.66 ng/ml



#7 AR-1016-5

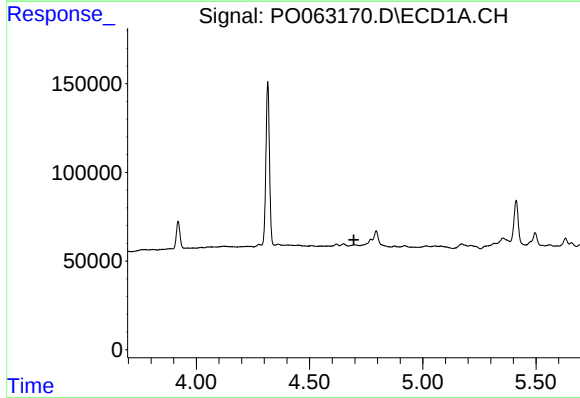
R.T.: 5.906 min
Delta R.T.: -0.056 min
Response: 106345
Conc: 59.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



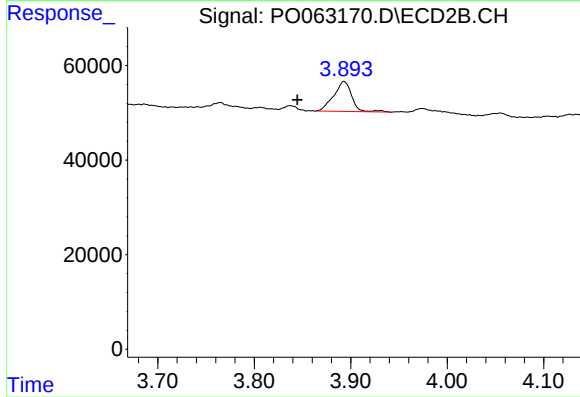
#7 AR-1016-5

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 74529
Conc: 57.79 ng/ml



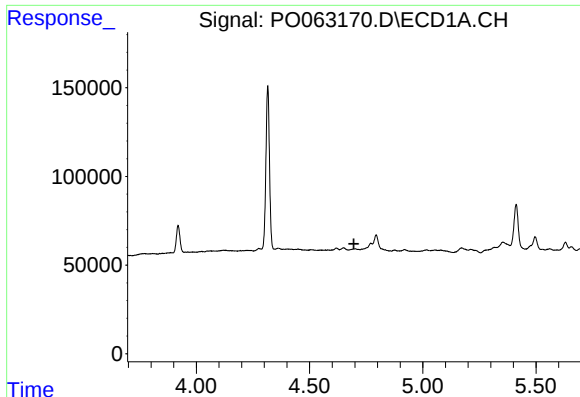
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.696 min
Response: 0
Conc: N.D.



#10 AR-1221-3

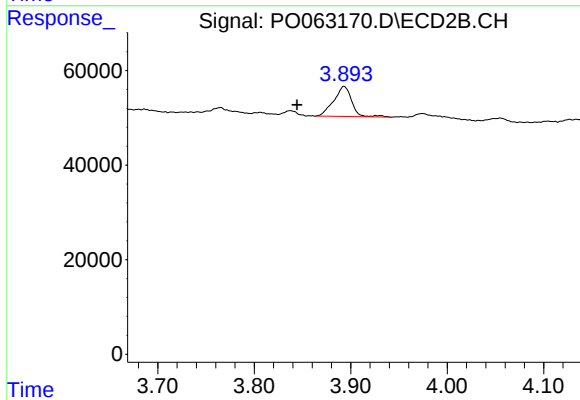
R.T.: 3.893 min
Delta R.T.: 0.049 min
Response: 83002
Conc: 70.53 ng/ml



#11 AR-1232-1

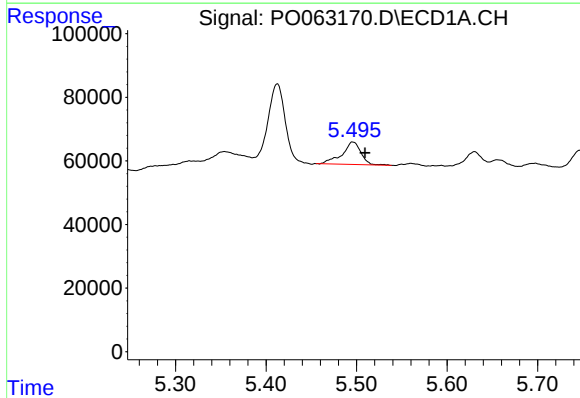
R.T.: 0.000 min
Exp R.T.: 4.696 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



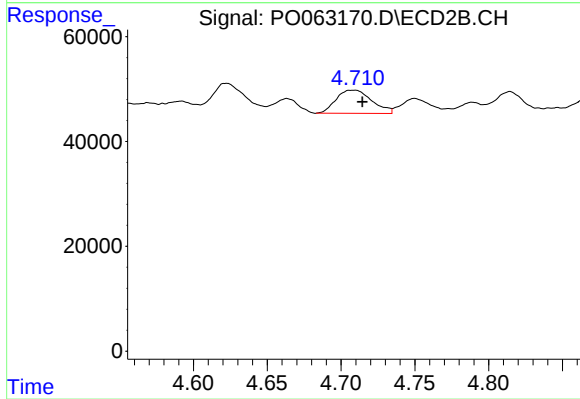
#11 AR-1232-1

R.T.: 3.893 min
Delta R.T.: 0.049 min
Response: 83002
Conc: 53.57 ng/ml



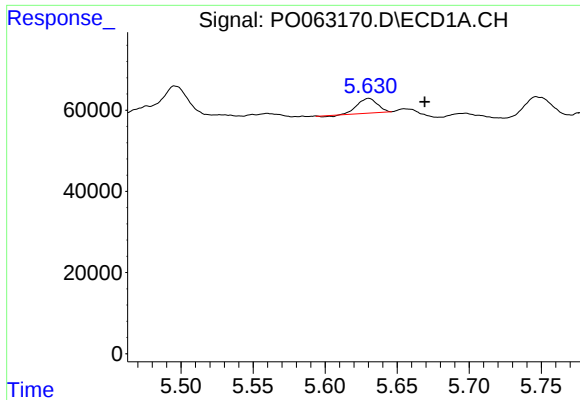
#13 AR-1232-3

R.T.: 5.496 min
Delta R.T.: -0.013 min
Response: 103428
Conc: 40.43 ng/ml



#13 AR-1232-3

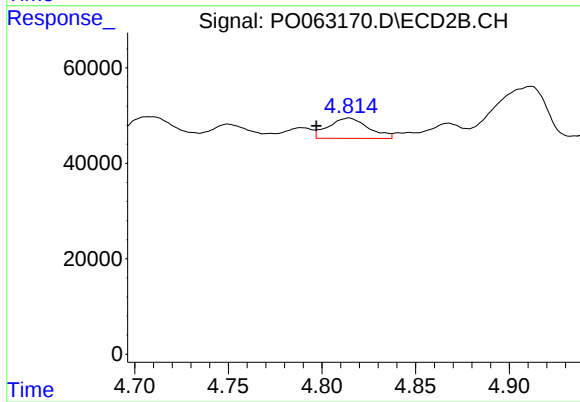
R.T.: 4.708 min
Delta R.T.: -0.006 min
Response: 74653
Conc: 81.67 ng/ml



#14 AR-1232-4

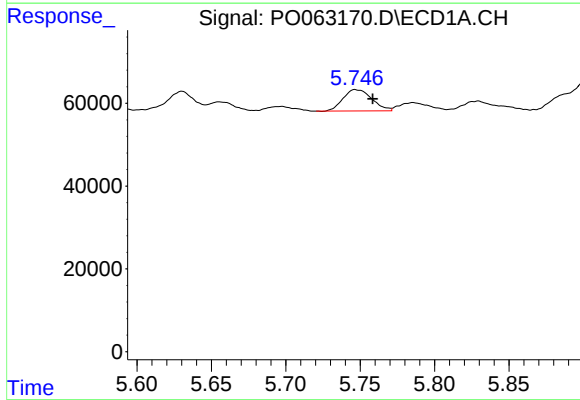
R.T.: 5.630 min
Delta R.T.: -0.039 min
Response: 34511
Conc: 26.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



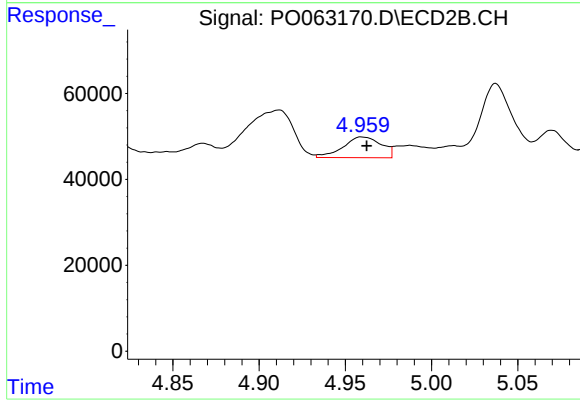
#14 AR-1232-4

R.T.: 4.814 min
Delta R.T.: 0.017 min
Response: 63160
Conc: 77.64 ng/ml



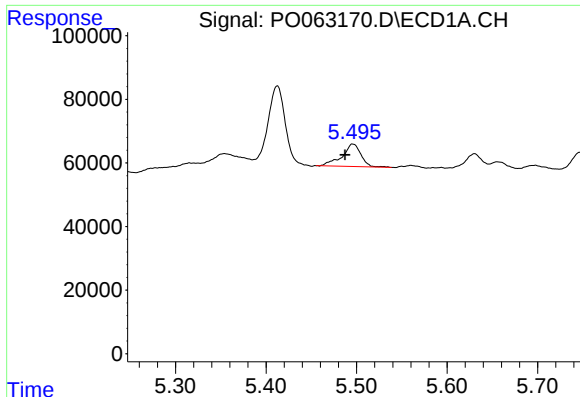
#15 AR-1232-5

R.T.: 5.747 min
Delta R.T.: -0.011 min
Response: 69303
Conc: 70.02 ng/ml



#15 AR-1232-5

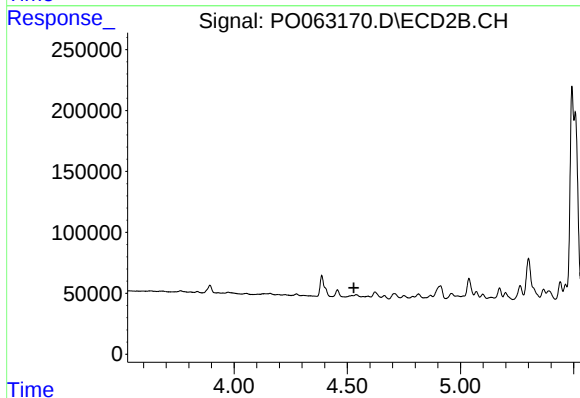
R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 74529
Conc: 84.39 ng/ml



#16 AR-1242-1

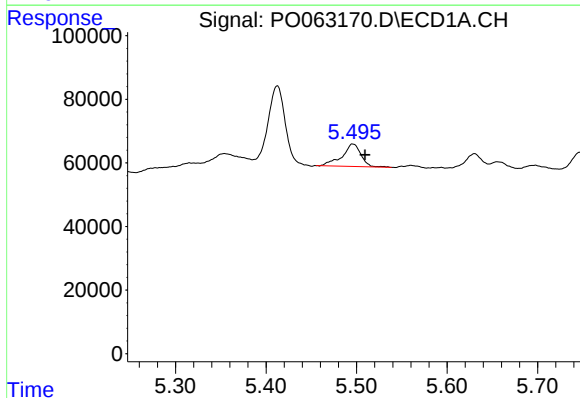
R.T.: 5.496 min
Delta R.T.: 0.009 min
Response: 103428
Conc: 55.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



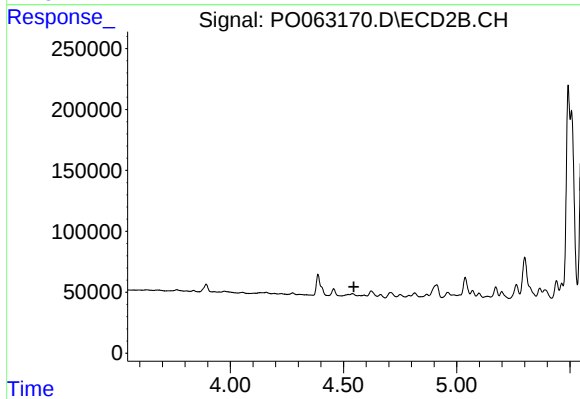
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.529 min
Response: 0
Conc: N.D.



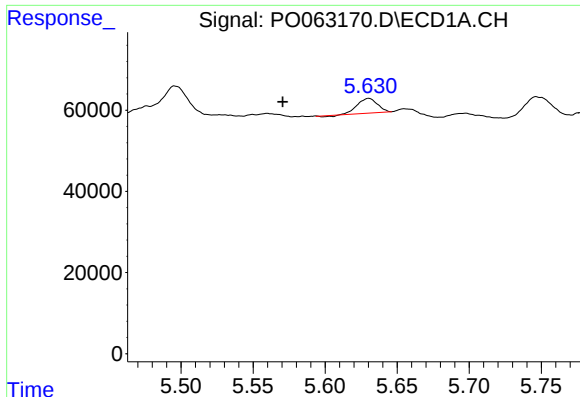
#17 AR-1242-2

R.T.: 5.496 min
Delta R.T.: -0.013 min
Response: 103428
Conc: 38.99 ng/ml



#17 AR-1242-2

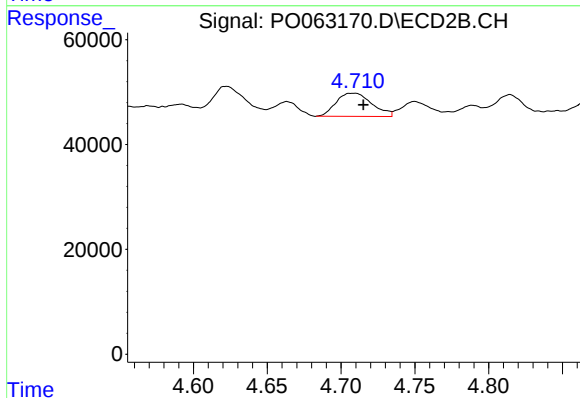
R.T.: 0.000 min
Exp R.T. : 4.546 min
Response: 0
Conc: N.D.



#18 AR-1242-3

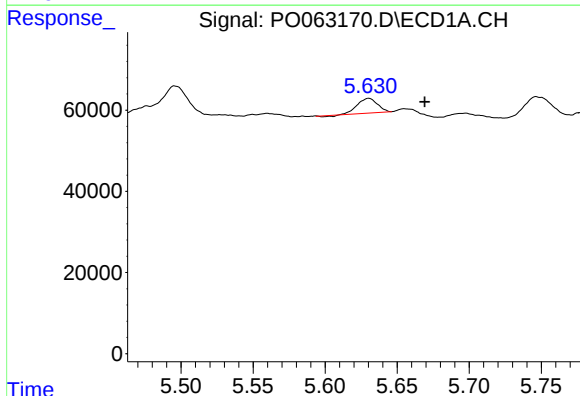
R.T.: 5.630 min
Delta R.T.: 0.060 min
Response: 34511
Conc: 21.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



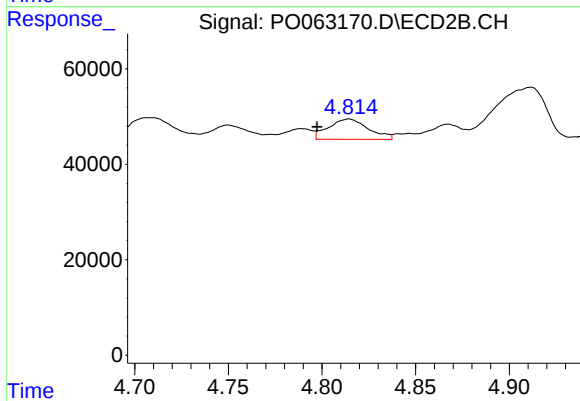
#18 AR-1242-3

R.T.: 4.708 min
Delta R.T.: -0.007 min
Response: 74653
Conc: 78.41 ng/ml



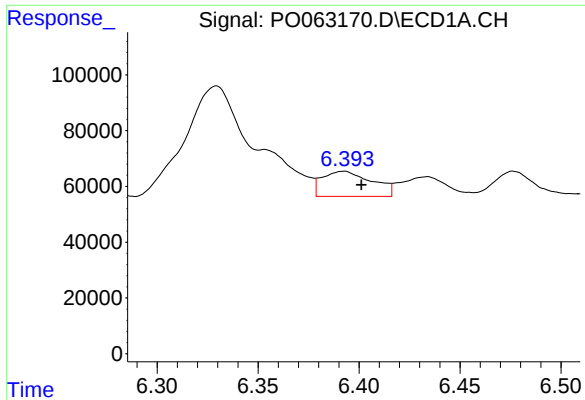
#19 AR-1242-4

R.T.: 5.630 min
Delta R.T.: -0.039 min
Response: 34511
Conc: 25.56 ng/ml



#19 AR-1242-4

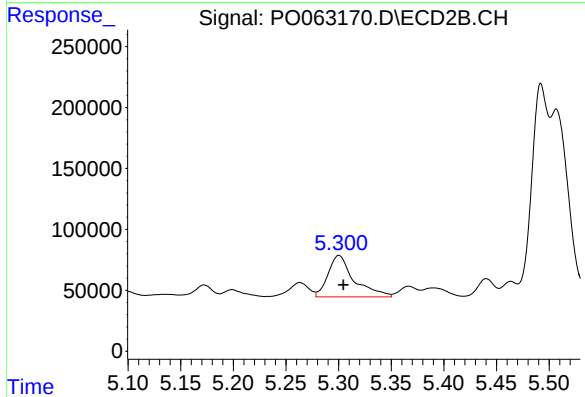
R.T.: 4.814 min
Delta R.T.: 0.017 min
Response: 63160
Conc: 66.90 ng/ml



#20 AR-1242-5

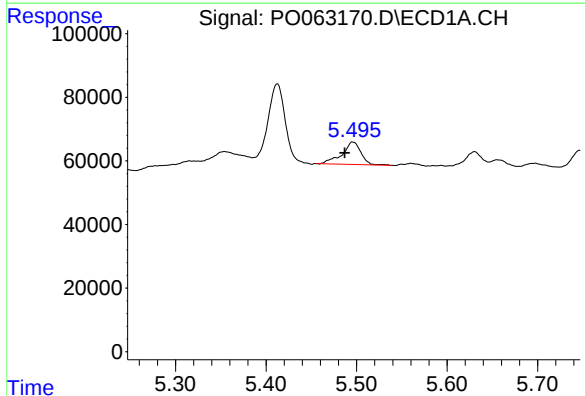
R.T.: 6.392 min
Delta R.T.: -0.009 min
Response: 154355
Conc: 100.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



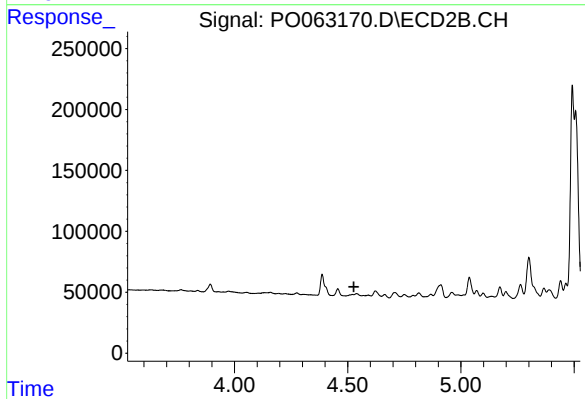
#20 AR-1242-5

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 584469
Conc: 489.80 ng/ml



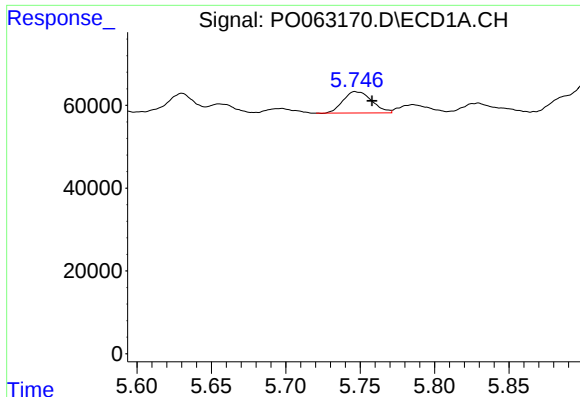
#21 AR-1248-1

R.T.: 5.496 min
Delta R.T.: 0.009 min
Response: 103428
Conc: 72.16 ng/ml



#21 AR-1248-1

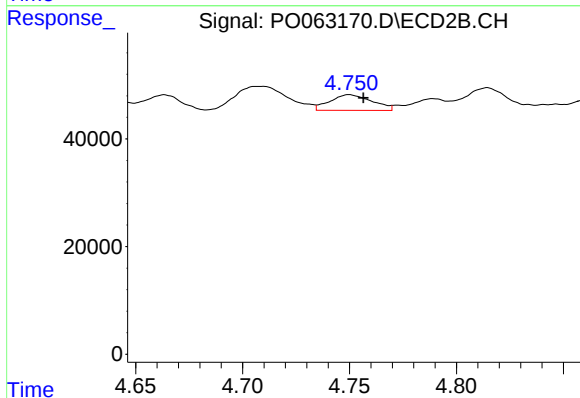
R.T.: 0.000 min
Exp R.T.: 4.528 min
Response: 0
Conc: N.D.



#22 AR-1248-2

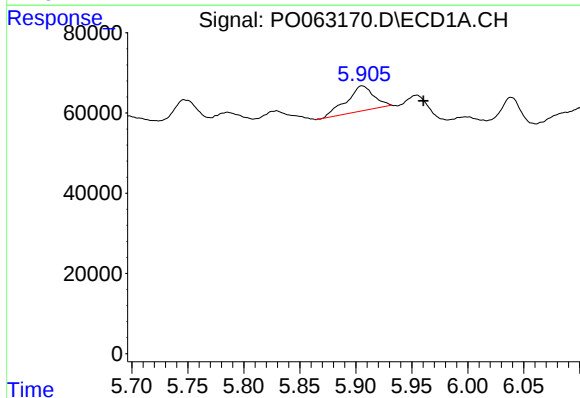
R.T.: 5.747 min
Delta R.T.: -0.011 min
Response: 69303
Conc: 34.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



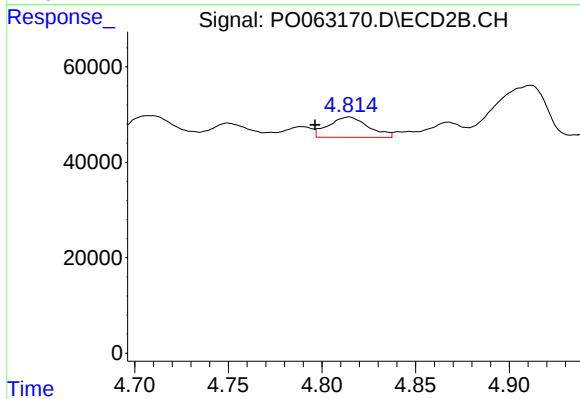
#22 AR-1248-2

R.T.: 4.750 min
Delta R.T.: -0.007 min
Response: 39961
Conc: 31.54 ng/ml



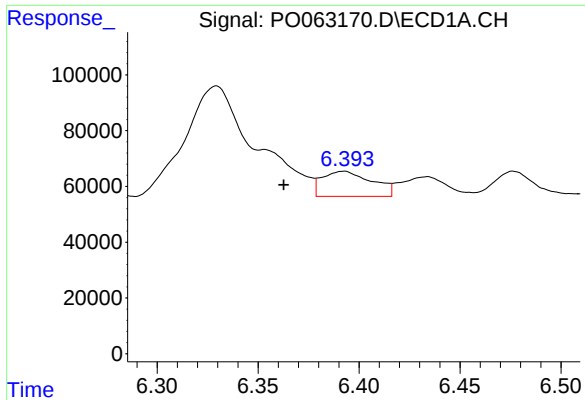
#23 AR-1248-3

R.T.: 5.906 min
Delta R.T.: -0.055 min
Response: 106345
Conc: 48.15 ng/ml



#23 AR-1248-3

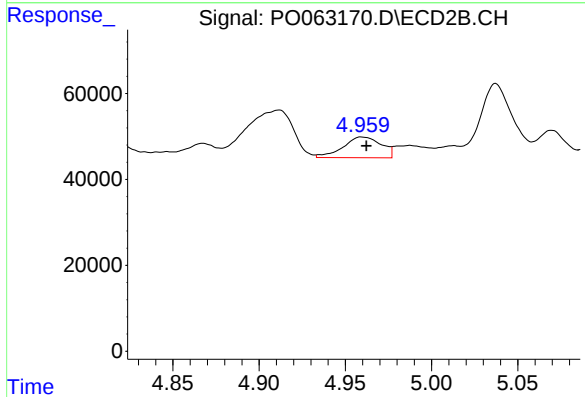
R.T.: 4.814 min
Delta R.T.: 0.018 min
Response: 63160
Conc: 47.58 ng/ml



#24 AR-1248-4

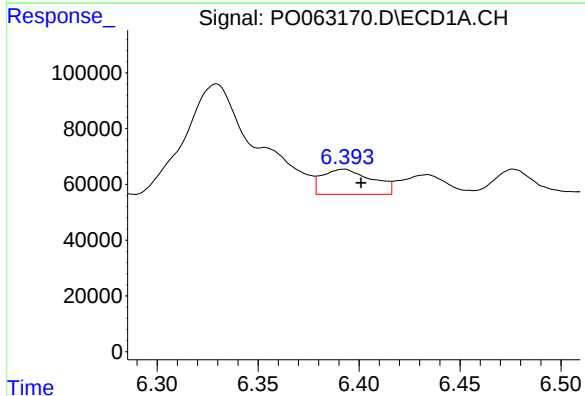
R.T.: 6.392 min
Delta R.T.: 0.030 min
Response: 154355
Conc: 60.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



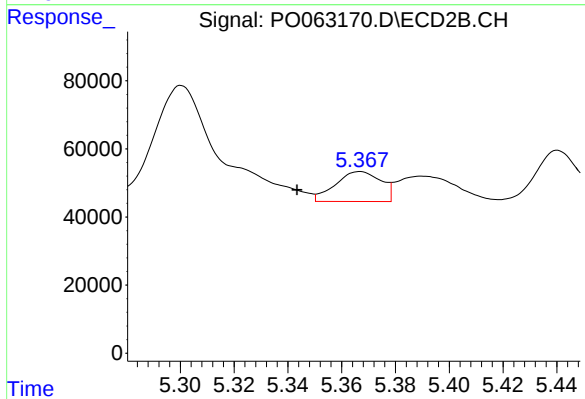
#24 AR-1248-4

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 74529
Conc: 47.10 ng/ml



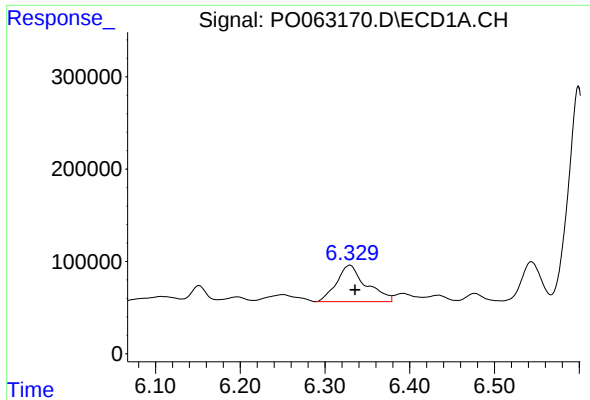
#25 AR-1248-5

R.T.: 6.392 min
Delta R.T.: -0.009 min
Response: 154355
Conc: 63.13 ng/ml



#25 AR-1248-5

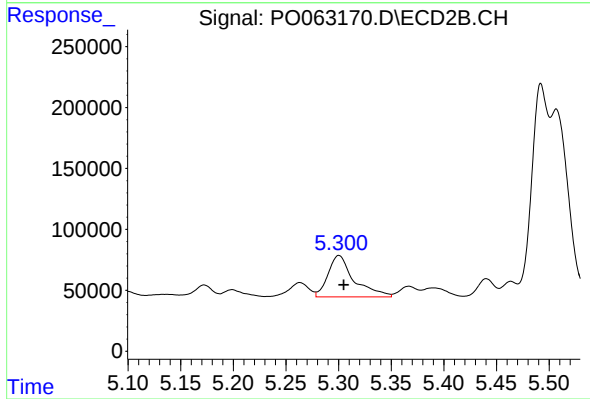
R.T.: 5.367 min
Delta R.T.: 0.023 min
Response: 103445
Conc: 67.22 ng/ml



#26 AR-1254-1

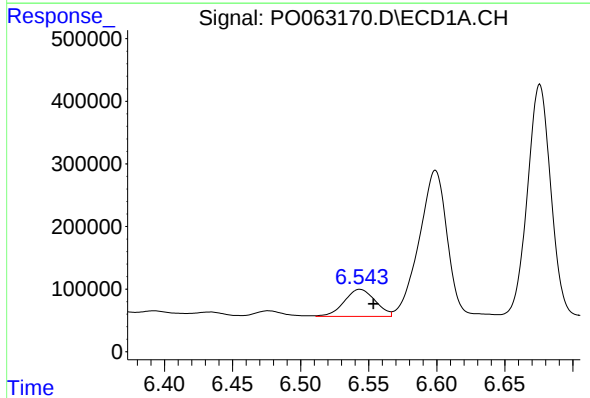
R.T.: 6.329 min
Delta R.T.: -0.006 min
Response: 960038
Conc: 360.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



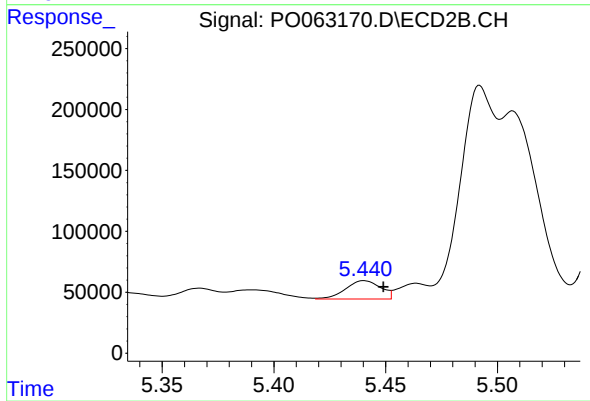
#26 AR-1254-1

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 584469
Conc: 238.97 ng/ml



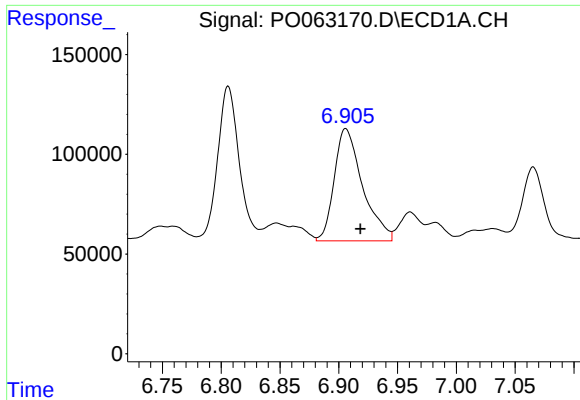
#27 AR-1254-2

R.T.: 6.543 min
Delta R.T.: -0.010 min
Response: 685989
Conc: 167.79 ng/ml



#27 AR-1254-2

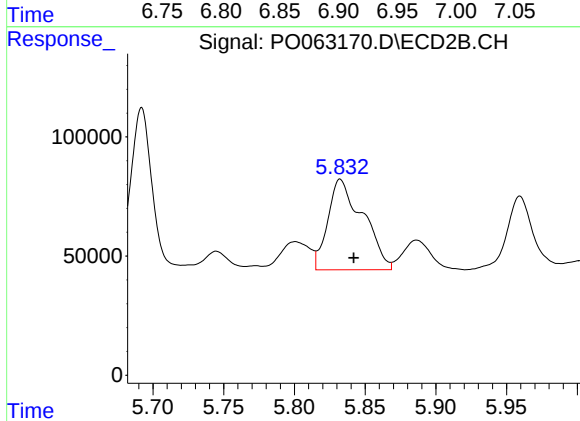
R.T.: 5.440 min
Delta R.T.: -0.009 min
Response: 164512
Conc: 77.68 ng/ml



#28 AR-1254-3

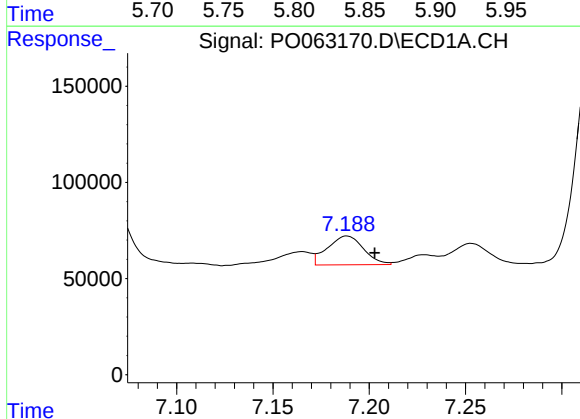
R.T.: 6.906 min
Delta R.T.: -0.012 min
Response: 943544
Conc: 225.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



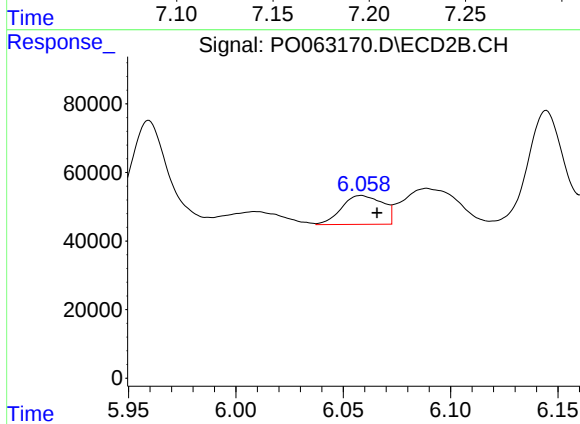
#28 AR-1254-3

R.T.: 5.832 min
Delta R.T.: -0.009 min
Response: 656753
Conc: 201.57 ng/ml



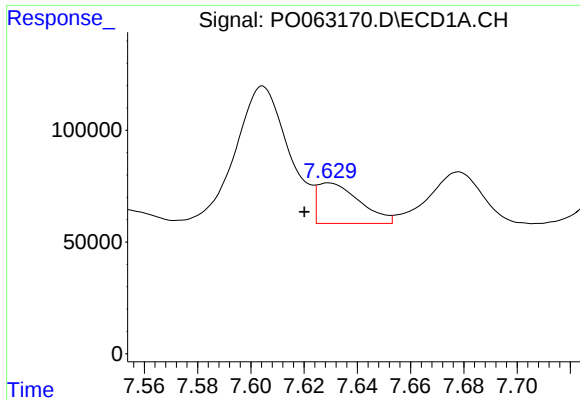
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: -0.014 min
Response: 195354
Conc: 64.83 ng/ml



#29 AR-1254-4

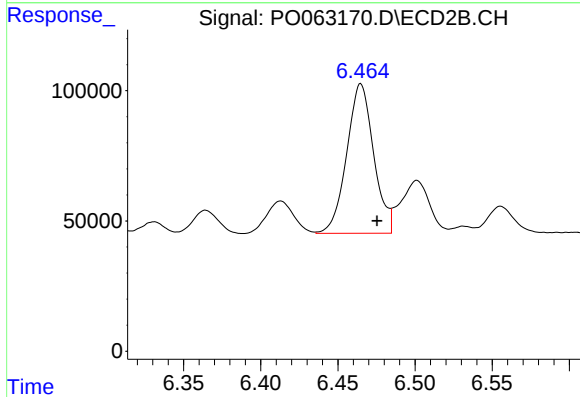
R.T.: 6.058 min
Delta R.T.: -0.008 min
Response: 111970
Conc: 57.97 ng/ml



#30 AR-1254-5

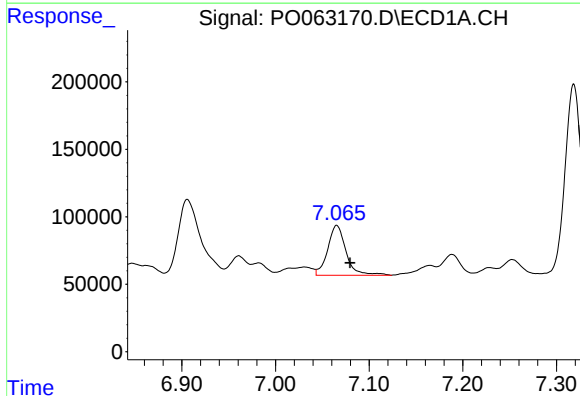
R.T.: 7.629 min
Delta R.T.: 0.009 min
Response: 198941
Conc: 63.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



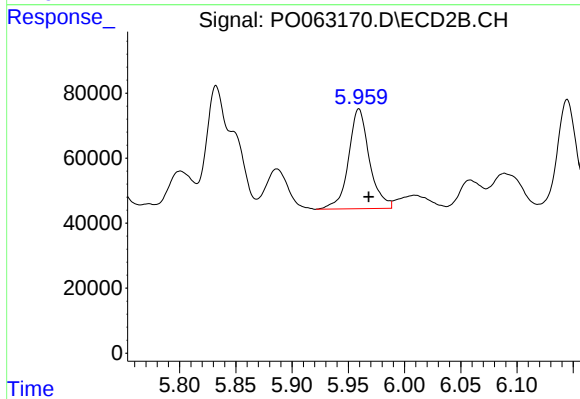
#30 AR-1254-5

R.T.: 6.465 min
Delta R.T.: -0.011 min
Response: 697254
Conc: 263.99 ng/ml



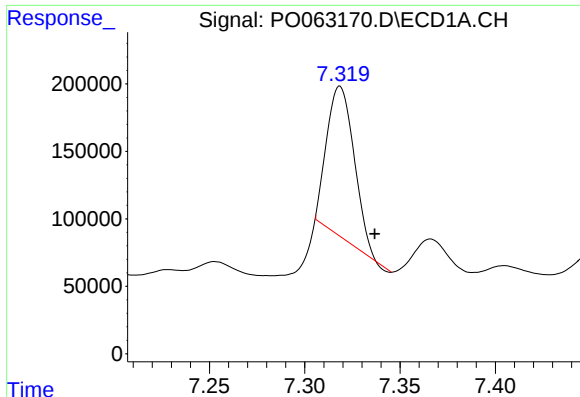
#31 AR-1260-1

R.T.: 7.065 min
Delta R.T.: -0.014 min
Response: 504529
Conc: 177.21 ng/ml



#31 AR-1260-1

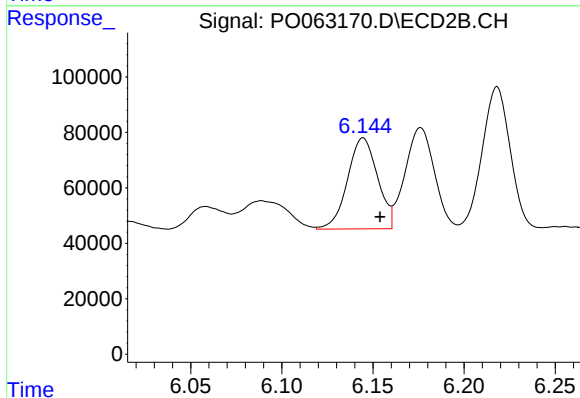
R.T.: 5.959 min
Delta R.T.: -0.009 min
Response: 398016
Conc: 187.33 ng/ml



#32 AR-1260-2

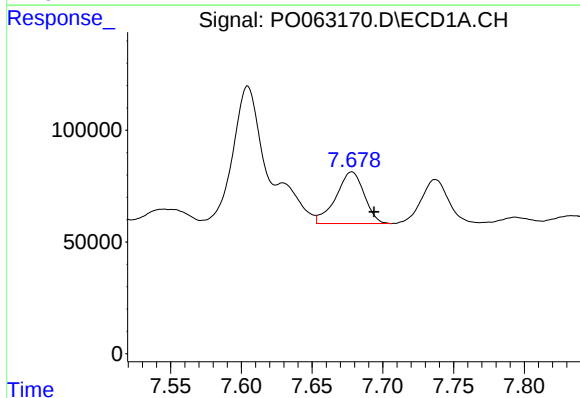
R.T.: 7.318 min
Delta R.T.: -0.018 min
Response: 1105768
Conc: 322.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



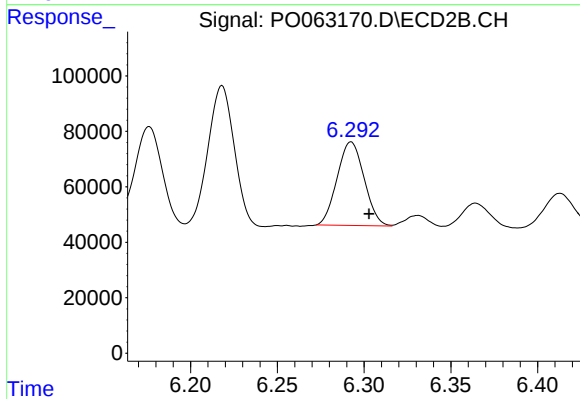
#32 AR-1260-2

R.T.: 6.145 min
Delta R.T.: -0.009 min
Response: 376829
Conc: 148.50 ng/ml



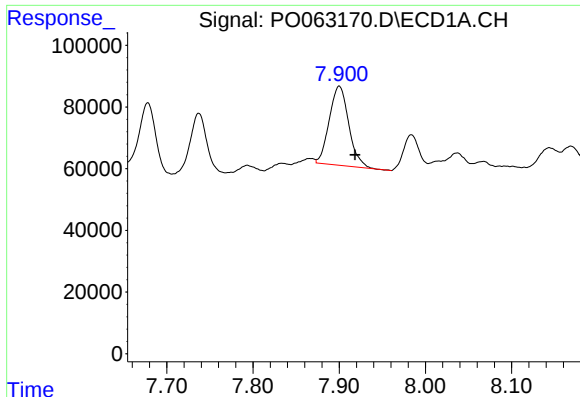
#33 AR-1260-3

R.T.: 7.678 min
Delta R.T.: -0.016 min
Response: 321585
Conc: 121.53 ng/ml



#33 AR-1260-3

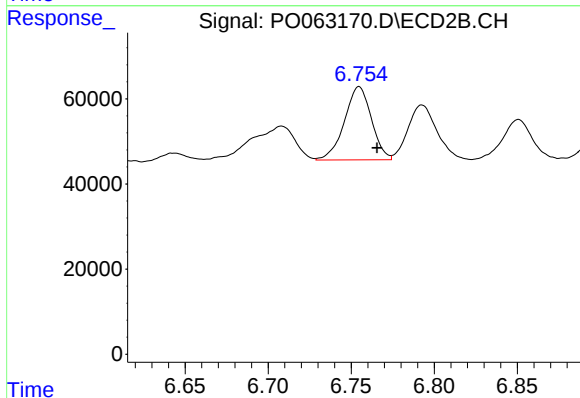
R.T.: 6.293 min
Delta R.T.: -0.010 min
Response: 327406
Conc: 144.99 ng/ml



#34 AR-1260-4

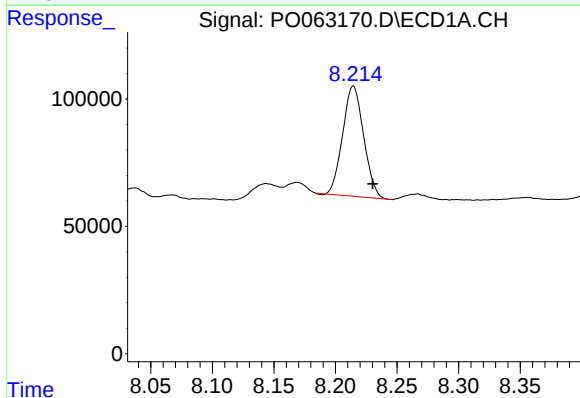
R.T.: 7.900 min
Delta R.T.: -0.018 min
Response: 401394
Conc: 143.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



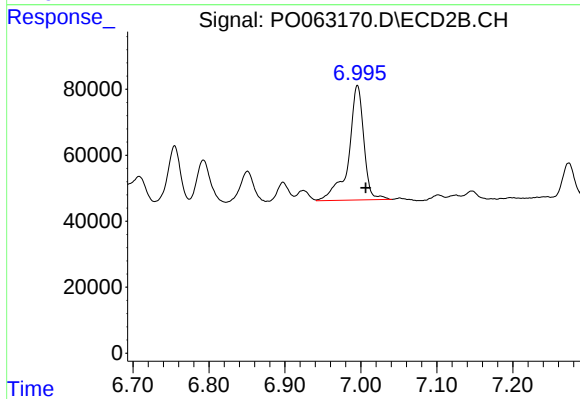
#34 AR-1260-4

R.T.: 6.755 min
Delta R.T.: -0.011 min
Response: 195165
Conc: 111.15 ng/ml



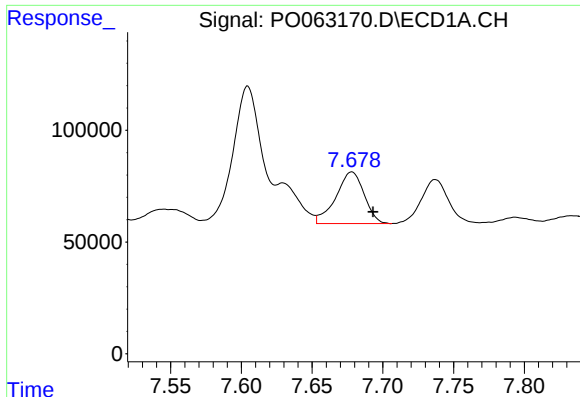
#35 AR-1260-5

R.T.: 8.214 min
Delta R.T.: -0.016 min
Response: 512944
Conc: 97.97 ng/ml



#35 AR-1260-5

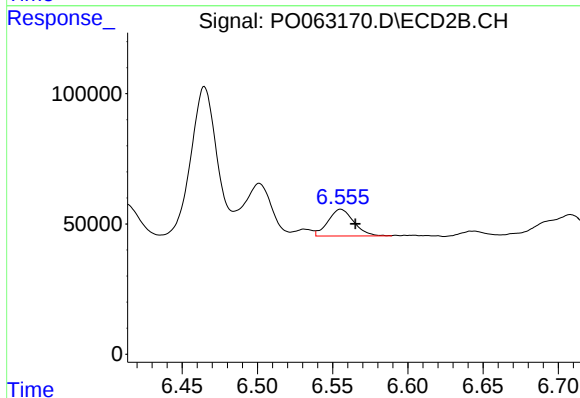
R.T.: 6.996 min
Delta R.T.: -0.011 min
Response: 482660
Conc: 133.98 ng/ml



#36 AR-1262-1

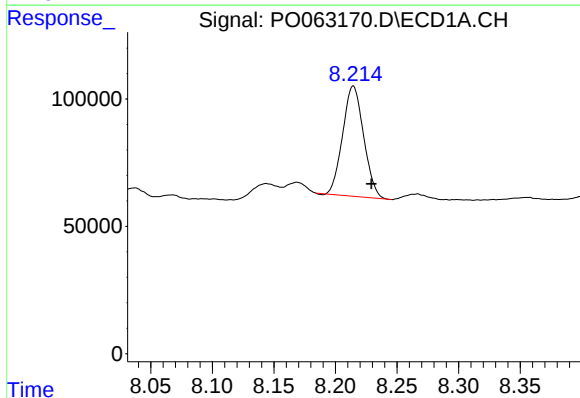
R.T.: 7.678 min
Delta R.T.: -0.015 min
Response: 321585
Conc: 78.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



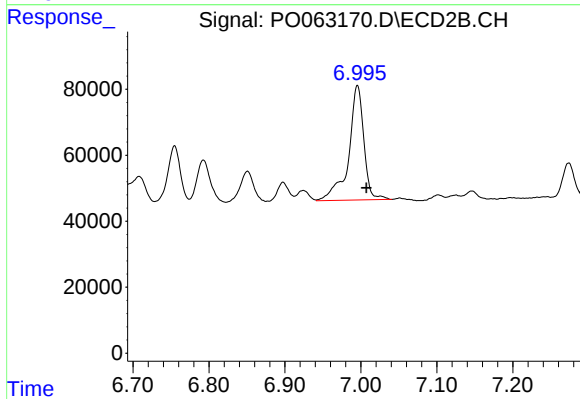
#36 AR-1262-1

R.T.: 6.555 min
Delta R.T.: -0.010 min
Response: 121921
Conc: 102.30 ng/ml



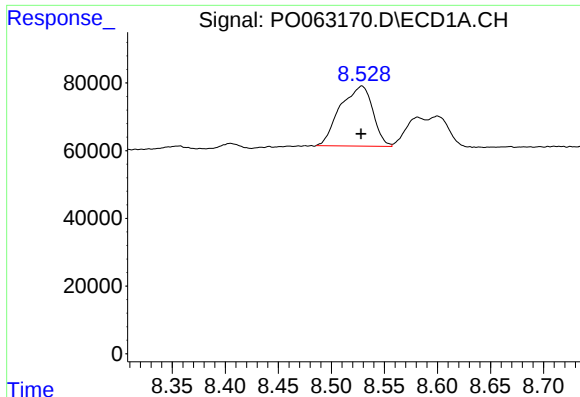
#37 AR-1262-2

R.T.: 8.214 min
Delta R.T.: -0.015 min
Response: 512944
Conc: 79.55 ng/ml



#37 AR-1262-2

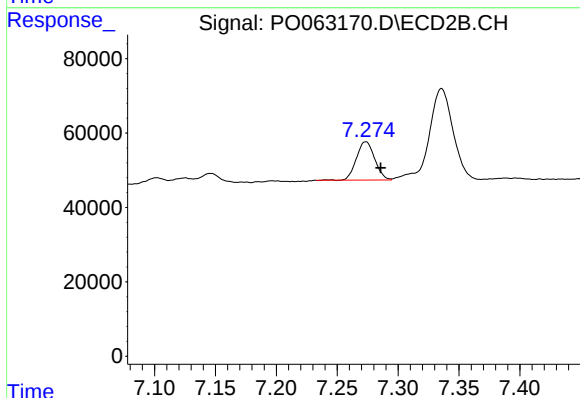
R.T.: 6.996 min
Delta R.T.: -0.012 min
Response: 482660
Conc: 114.87 ng/ml



#38 AR-1262-3

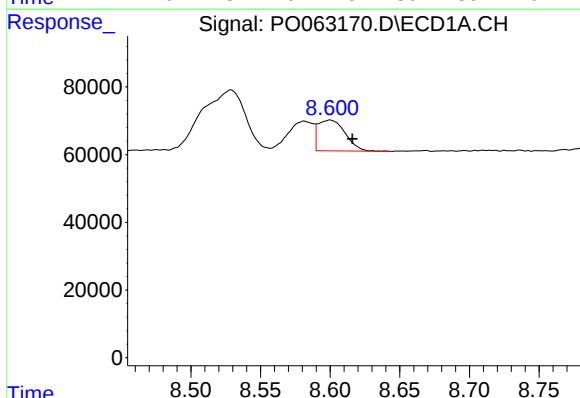
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 379229
Conc: 86.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



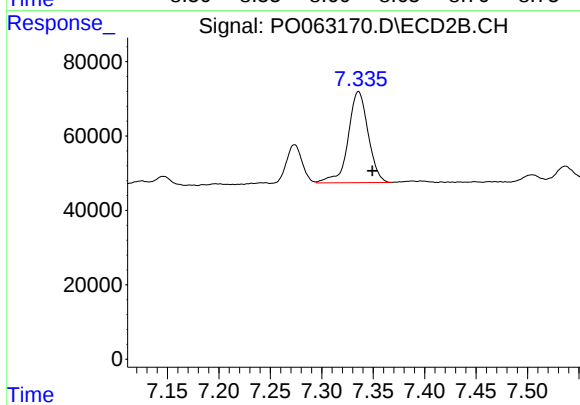
#38 AR-1262-3

R.T.: 7.274 min
Delta R.T.: -0.012 min
Response: 107884
Conc: 61.34 ng/ml



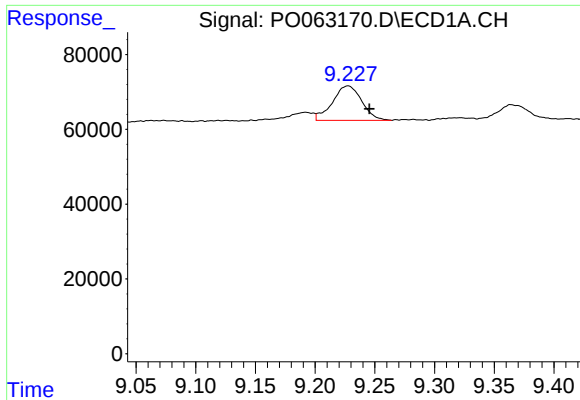
#39 AR-1262-4

R.T.: 8.600 min
Delta R.T.: -0.016 min
Response: 123739
Conc: 35.81 ng/ml



#39 AR-1262-4

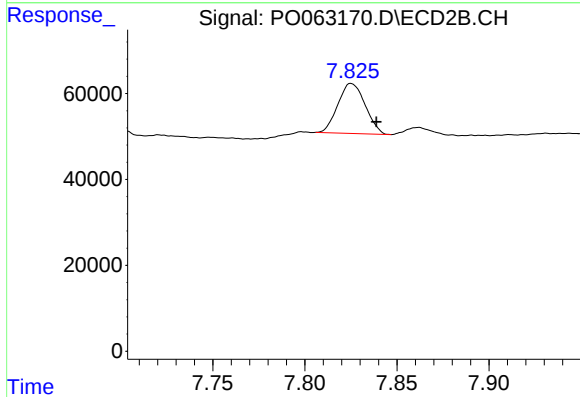
R.T.: 7.336 min
Delta R.T.: -0.013 min
Response: 330319
Conc: 108.05 ng/ml



#40 AR-1262-5

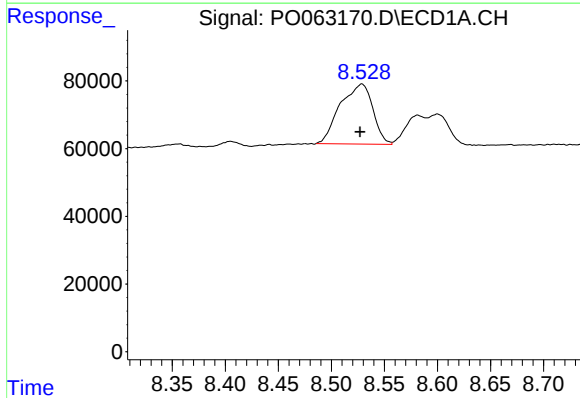
R.T.: 9.228 min
Delta R.T.: -0.018 min
Response: 157547
Conc: 69.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



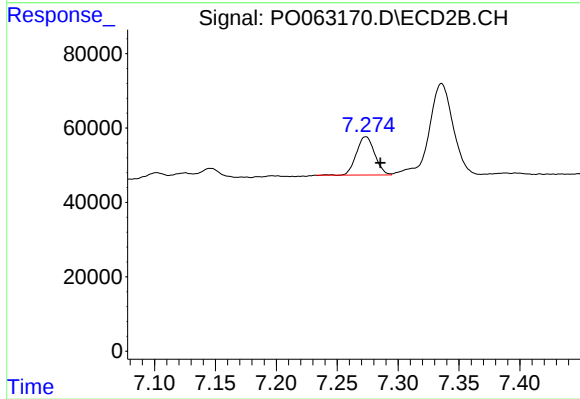
#40 AR-1262-5

R.T.: 7.825 min
Delta R.T.: -0.013 min
Response: 119878
Conc: 91.79 ng/ml



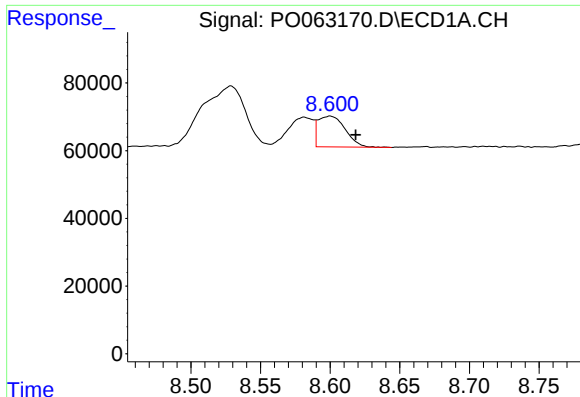
#41 AR-1268-1

R.T.: 8.529 min
Delta R.T.: 0.002 min
Response: 379229
Conc: 50.10 ng/ml



#41 AR-1268-1

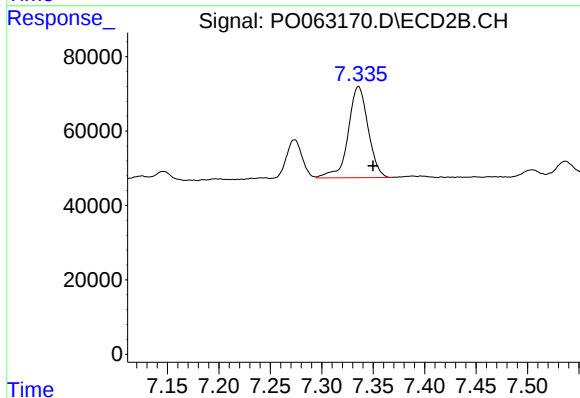
R.T.: 7.274 min
Delta R.T.: -0.012 min
Response: 107884
Conc: 23.04 ng/ml



#42 AR-1268-2

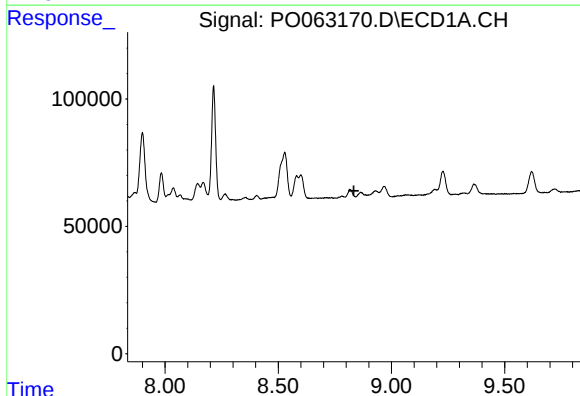
R.T.: 8.600 min
Delta R.T.: -0.018 min
Response: 123739
Conc: 17.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



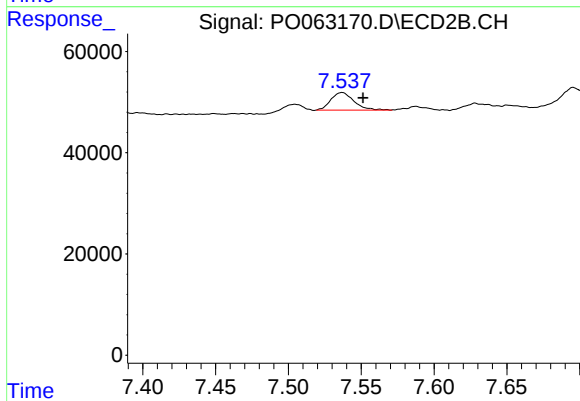
#42 AR-1268-2

R.T.: 7.336 min
Delta R.T.: -0.014 min
Response: 330319
Conc: 79.07 ng/ml



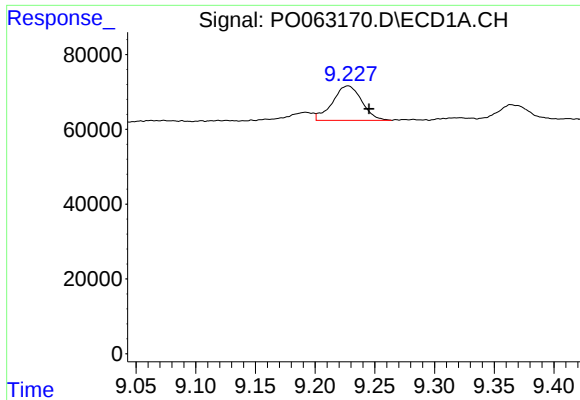
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.834 min
Response: 0
Conc: N.D.



#43 AR-1268-3

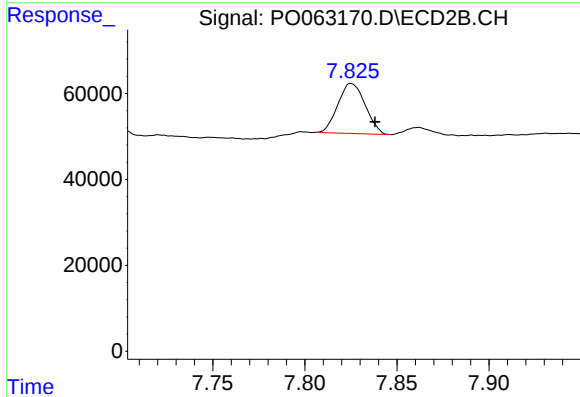
R.T.: 7.537 min
Delta R.T.: -0.014 min
Response: 38494
Conc: 11.05 ng/ml



#44 AR-1268-4

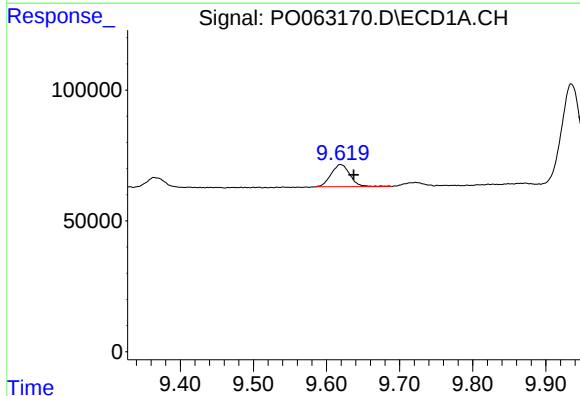
R.T.: 9.228 min
Delta R.T.: -0.018 min
Response: 157547
Conc: 66.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



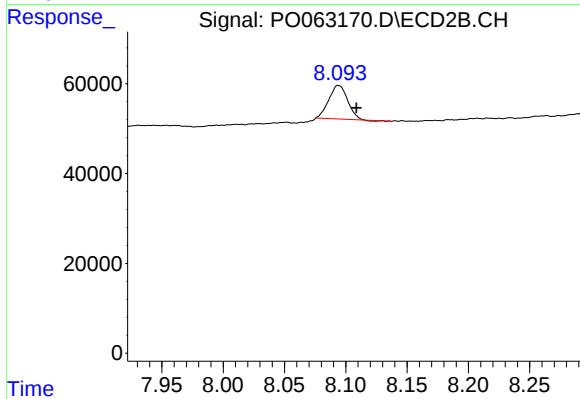
#44 AR-1268-4

R.T.: 7.825 min
Delta R.T.: -0.013 min
Response: 119878
Conc: 84.13 ng/ml



#45 AR-1268-5

R.T.: 9.619 min
Delta R.T.: -0.018 min
Response: 152454
Conc: 8.46 ng/ml



#45 AR-1268-5

R.T.: 8.094 min
Delta R.T.: -0.014 min
Response: 79981
Conc: 8.64 ng/ml