

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090419\
 Data File : P0060363.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Sep 2019 5:02
 Operator : SM/AJ
 Sample : K4674-01 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 DC-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 06:58:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.106	3.488	253082	259022	7.228	7.196
2)	SA Decachlor...	9.556	8.337	1509262	-67541	28.369	N.D. #
Target Compounds							
3)	L1 AR-1016-1	0.000	4.536	0	38487	N.D.	28.468 #
4)	L1 AR-1016-2	0.000	4.536	0	38487	N.D.	19.214 #
5)	L1 AR-1016-3	0.000	4.682	0	53019	N.D.	49.008 #
6)	L1 AR-1016-4	0.000	4.831	0	22115	N.D.	24.490 #
7)	L1 AR-1016-5	0.000	5.007	0	84868	N.D.	73.675 #
9)	L2 AR-1221-2	0.000	3.846	0	35764	N.D.	117.403 #
10)	L2 AR-1221-3	0.000	3.846	0	35764	N.D.	36.552 #
11)	L3 AR-1232-1	0.000	3.846	0	35764	N.D.	31.368 #
12)	L3 AR-1232-2	4.972	4.536	513534	38487	726.977	30.219 #
13)	L3 AR-1232-3	0.000	4.682	0	53019	N.D.	77.865 #
14)	L3 AR-1232-4	0.000	4.831	0	22115	N.D.	36.250 #
15)	L3 AR-1232-5	0.000	5.007	0	84868	N.D.	124.671 #
16)	L4 AR-1242-1	0.000	4.536	0	38487	N.D.	37.414 #
17)	L4 AR-1242-2	0.000	4.536	0	38487	N.D.	25.269 #
18)	L4 AR-1242-3	0.000	4.682	0	53019	N.D.	63.458 #
19)	L4 AR-1242-4	0.000	4.831	0	22115	N.D.	26.504 #
20)	L4 AR-1242-5	0.000	5.314	0	89826	N.D.	80.302 #
21)	L5 AR-1248-1	0.000	4.536	0	38487	N.D.	46.480 #
22)	L5 AR-1248-2	0.000	4.831	0	22115	N.D.	19.178 #
23)	L5 AR-1248-3	0.000	4.831	0	22115	N.D.	18.619 #
24)	L5 AR-1248-4	0.000	5.007	0	84868	N.D.	58.406 #
25)	L5 AR-1248-5	0.000	5.314	0	89826	N.D.	62.759 #
26)	L6 AR-1254-1	0.000	5.314	0	89826	N.D.	37.872 #
27)	L6 AR-1254-2	6.355	5.458	156010	96842	46.762	46.152
28)	L6 AR-1254-3	0.000	5.853	0	126082	N.D.	37.496 #
29)	L6 AR-1254-4	0.000	6.079	0	84415	N.D.	40.942 #
30)	L6 AR-1254-5	7.365	6.509	72224	131415	23.355	42.324 #
31)	L7 AR-1260-1	0.000	5.977	0	83606	N.D.	36.687 #
32)	L7 AR-1260-2	0.000	6.166	0	103209	N.D.	35.227 #
33)	L7 AR-1260-3	0.000	6.313	0	82624	N.D.	31.189 #
34)	L7 AR-1260-4	0.000	6.775	0	23755	N.D.	10.499 #
35)	L7 AR-1260-5	0.000	7.052	0	3445	N.D.	0.626 #
36)	L8 AR-1262-1	0.000	6.509	0	131415	N.D.	35.255 #
37)	L8 AR-1262-2	0.000	7.052	0	3445	N.D.	0.586 #
38)	L8 AR-1262-3	0.000	7.303	0	133953	N.D.	52.717 #
39)	L8 AR-1262-4	0.000	7.370	0	380902	N.D.	86.198 #
40)	L8 AR-1262-5	8.954	7.884	3591746	4394528	1399.439	2433.886 #
41)	L9 AR-1268-1	0.000	7.303	0	133953	N.D.	18.811 #
42)	L9 AR-1268-2	0.000	7.370	0	380902	N.D.	59.073 #

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 Sample : K4674-01 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

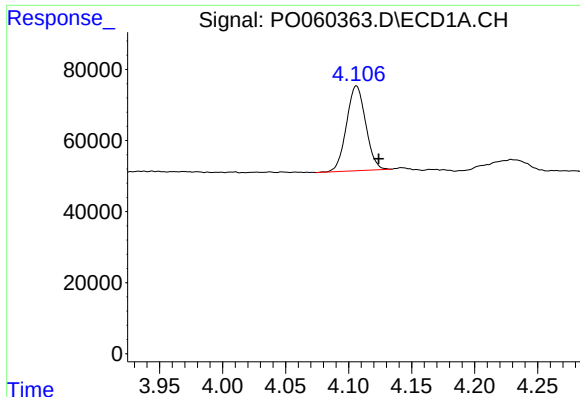
Instrument :
 ECD_O
 ClientSampleId :
 DC-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 06:58:33 2019
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.642	7.578	2436074	943433	345.601	172.423 #
44) L9	AR-1268-4	8.954	7.884	3591746	4394528	1291.974	2152.814 #
45) L9	AR-1268-5	9.296	8.118	4833827	2787478	262.107	191.850 #

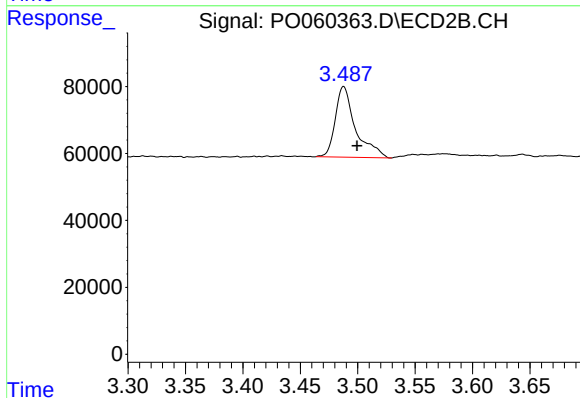
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

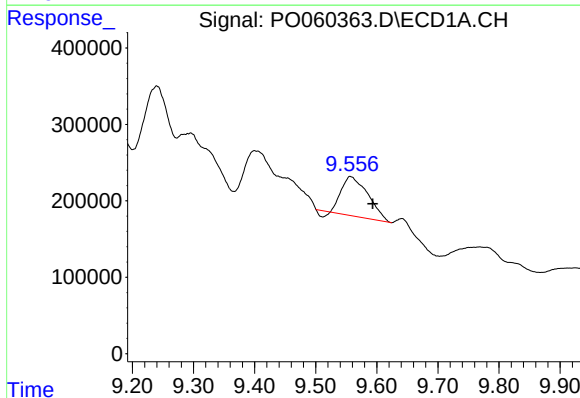
R.T.: 4.106 min
Delta R.T.: -0.018 min
Response: 253082
Conc: 7.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
DC-1



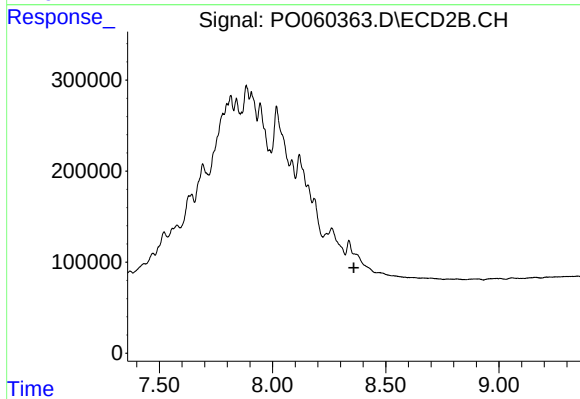
#1 Tetrachloro-m-xylene

R.T.: 3.488 min
Delta R.T.: -0.012 min
Response: 259022
Conc: 7.20 ng/ml



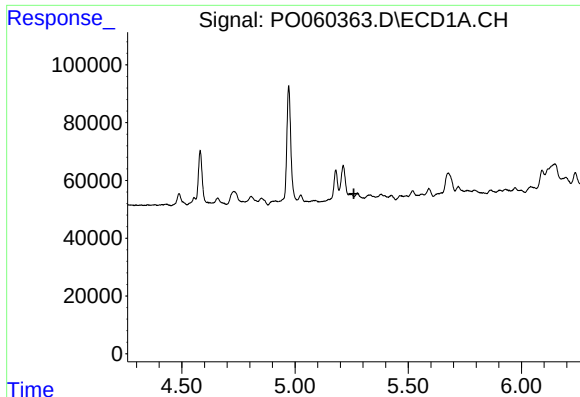
#2 Decachlorobiphenyl

R.T.: 9.556 min
Delta R.T.: -0.037 min
Response: 1509262
Conc: 28.37 ng/ml



#2 Decachlorobiphenyl

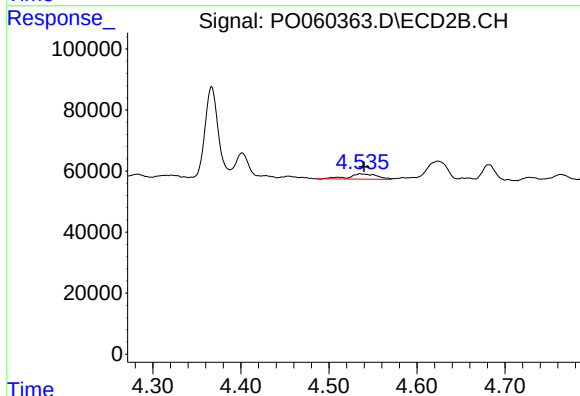
R.T.: 8.337 min
Delta R.T.: -0.022 min
Response: -67541
Conc: N.D.



#3 AR-1016-1

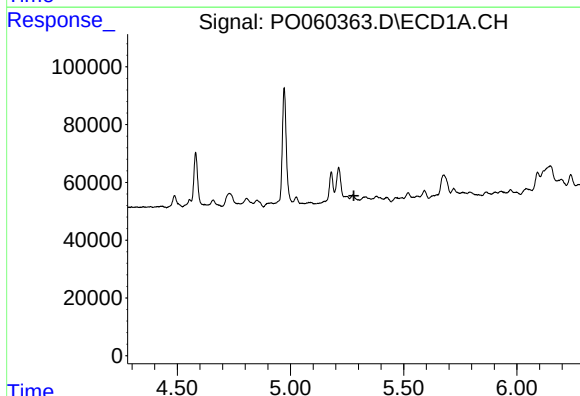
R.T.: 0.000 min
Exp R.T.: 5.260 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



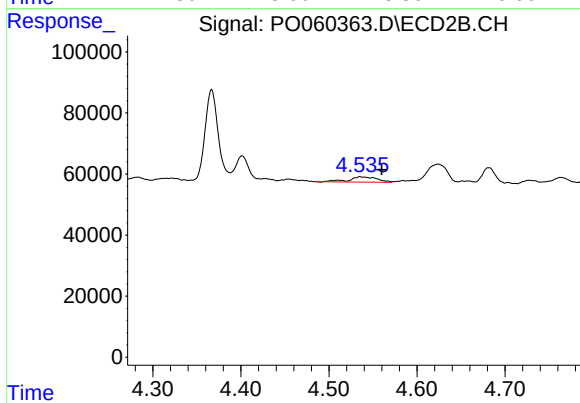
#3 AR-1016-1

R.T.: 4.536 min
Delta R.T.: -0.004 min
Response: 38487
Conc: 28.47 ng/ml



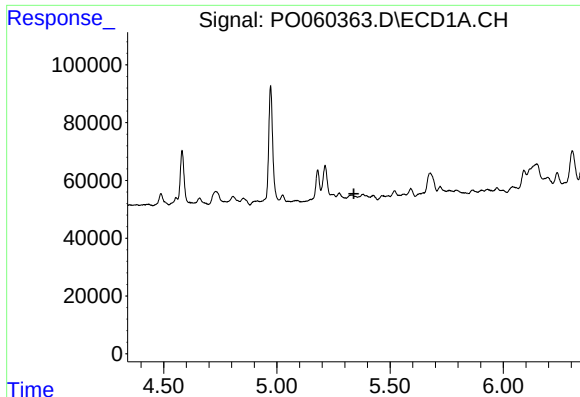
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.280 min
Response: 0
Conc: N.D.



#4 AR-1016-2

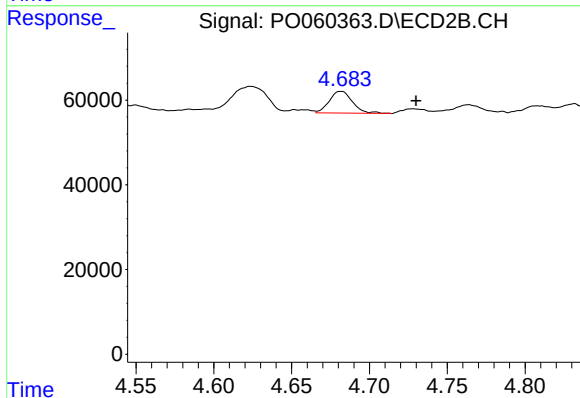
R.T.: 4.536 min
Delta R.T.: -0.024 min
Response: 38487
Conc: 19.21 ng/ml



#5 AR-1016-3

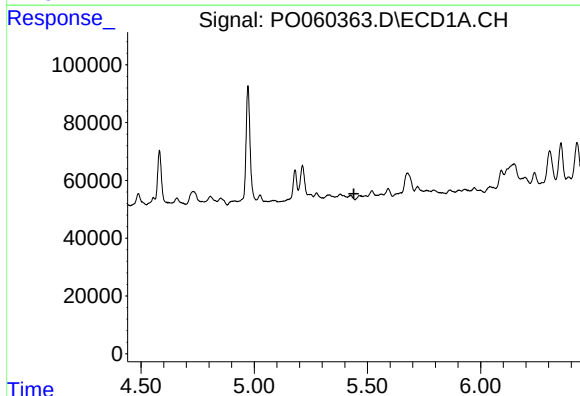
R.T.: 0.000 min
Exp R.T.: 5.340 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



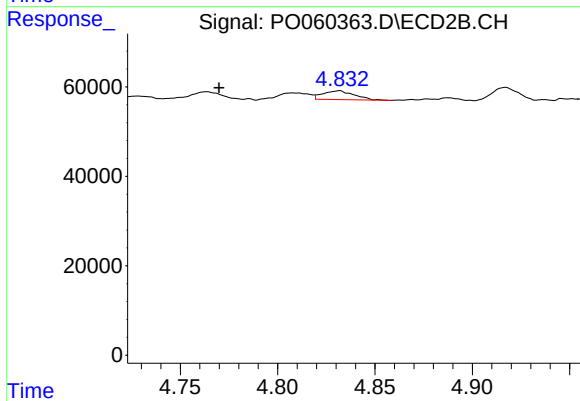
#5 AR-1016-3

R.T.: 4.682 min
Delta R.T.: -0.048 min
Response: 53019
Conc: 49.01 ng/ml



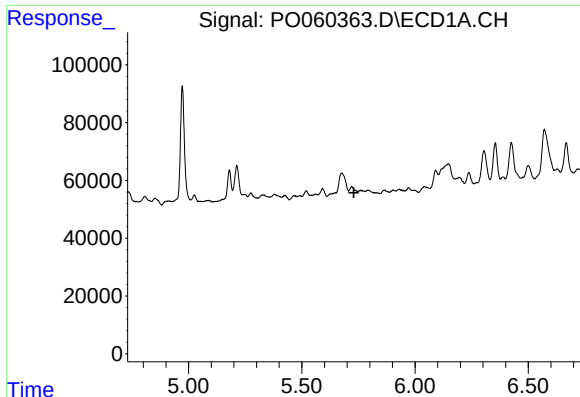
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.440 min
Response: 0
Conc: N.D.



#6 AR-1016-4

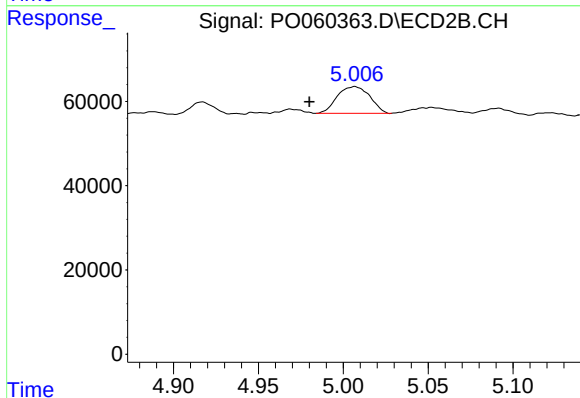
R.T.: 4.831 min
Delta R.T.: 0.061 min
Response: 22115
Conc: 24.49 ng/ml



#7 AR-1016-5

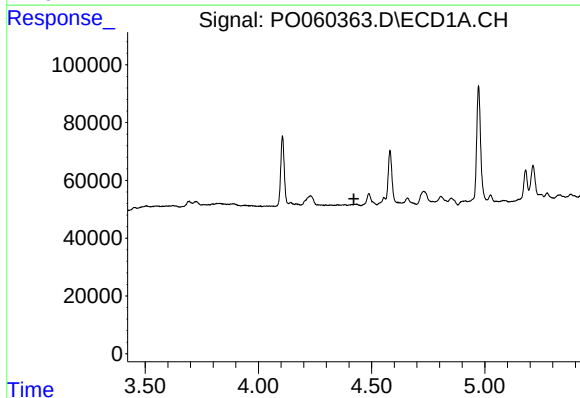
R.T.: 0.000 min
Exp R.T.: 5.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



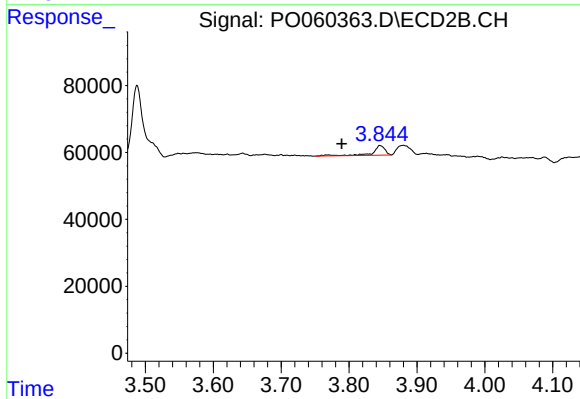
#7 AR-1016-5

R.T.: 5.007 min
Delta R.T.: 0.027 min
Response: 84868
Conc: 73.67 ng/ml



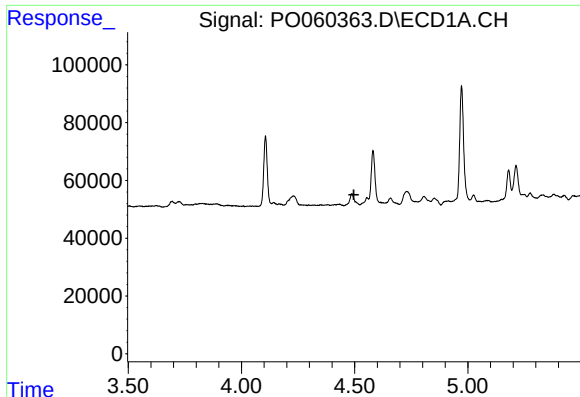
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.422 min
Response: 0
Conc: N.D.



#9 AR-1221-2

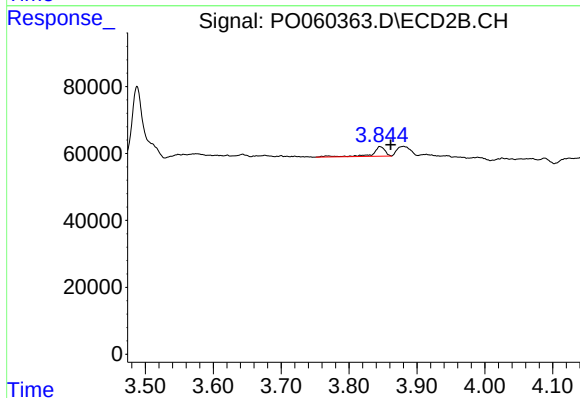
R.T.: 3.846 min
Delta R.T.: 0.057 min
Response: 35764
Conc: 117.40 ng/ml



#10 AR-1221-3

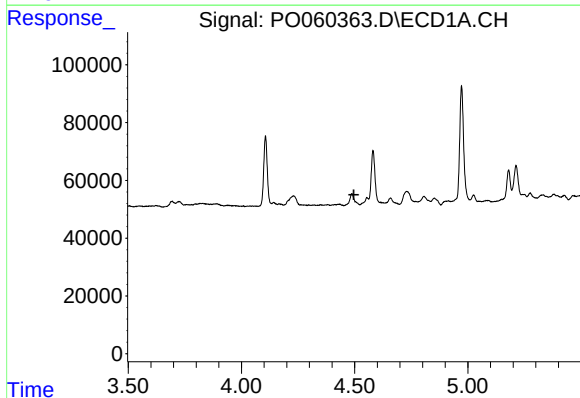
R.T.: 0.000 min
Exp R.T.: 4.497 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



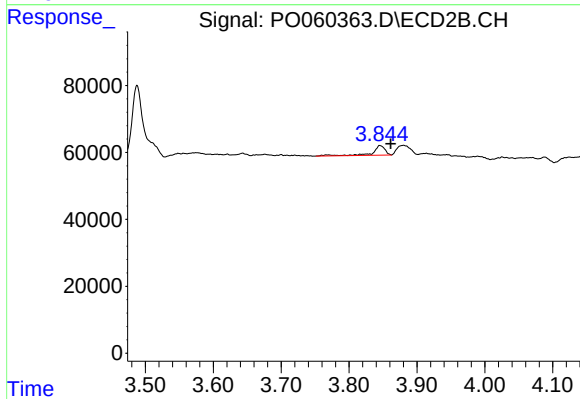
#10 AR-1221-3

R.T.: 3.846 min
Delta R.T.: -0.016 min
Response: 35764
Conc: 36.55 ng/ml



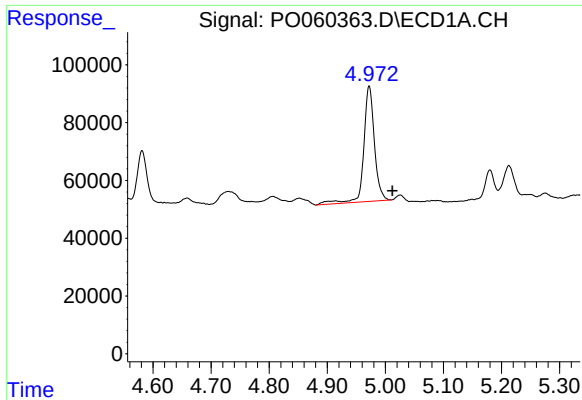
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.497 min
Response: 0
Conc: N.D.



#11 AR-1232-1

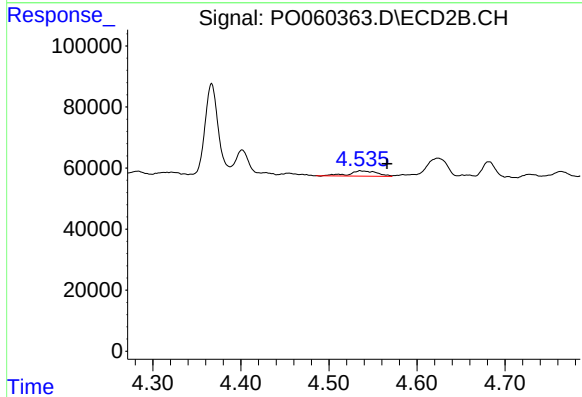
R.T.: 3.846 min
Delta R.T.: -0.016 min
Response: 35764
Conc: 31.37 ng/ml



#12 AR-1232-2

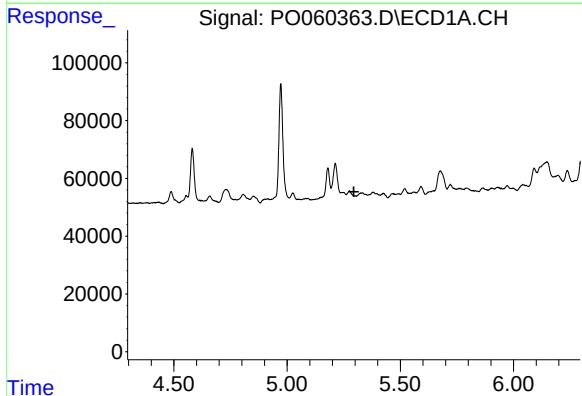
R.T.: 4.972 min
Delta R.T.: -0.040 min
Response: 513534
Conc: 726.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
DC-1



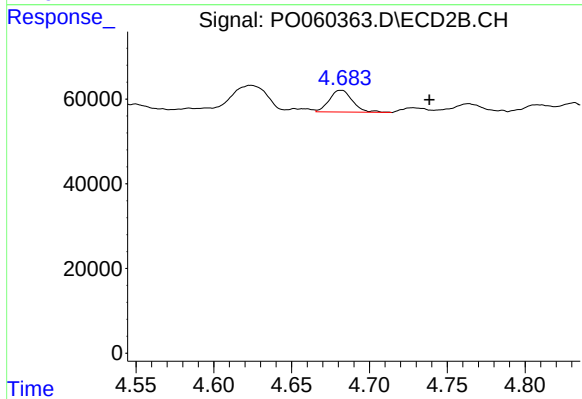
#12 AR-1232-2

R.T.: 4.536 min
Delta R.T.: -0.031 min
Response: 38487
Conc: 30.22 ng/ml



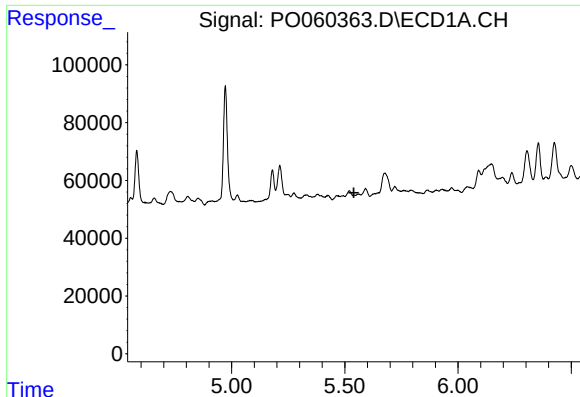
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.295 min
Response: 0
Conc: N.D.



#13 AR-1232-3

R.T.: 4.682 min
Delta R.T.: -0.057 min
Response: 53019
Conc: 77.87 ng/ml



#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.540 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1

#14 AR-1232-4

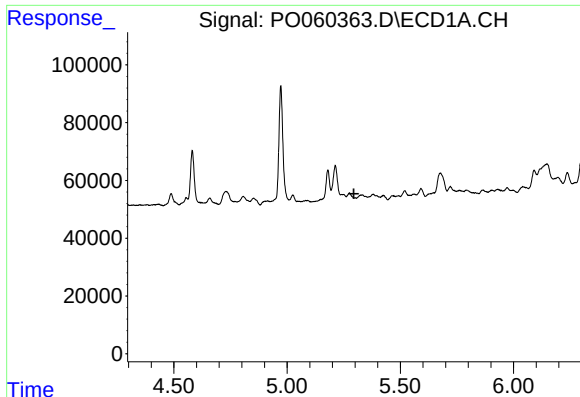
R.T.: 4.831 min
Delta R.T.: -0.017 min
Response: 22115
Conc: 36.25 ng/ml

#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.583 min
Response: 0
Conc: N.D.

#15 AR-1232-5

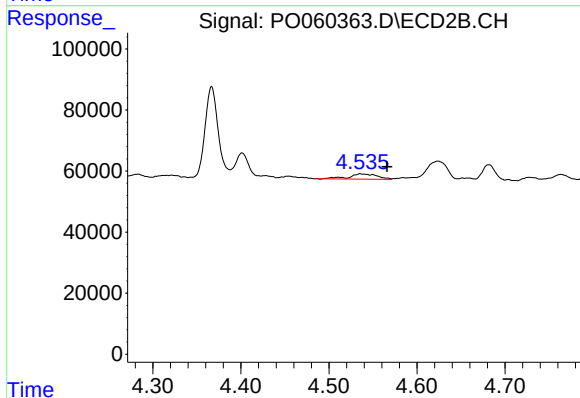
R.T.: 5.007 min
Delta R.T.: 0.020 min
Response: 84868
Conc: 124.67 ng/ml



#16 AR-1242-1

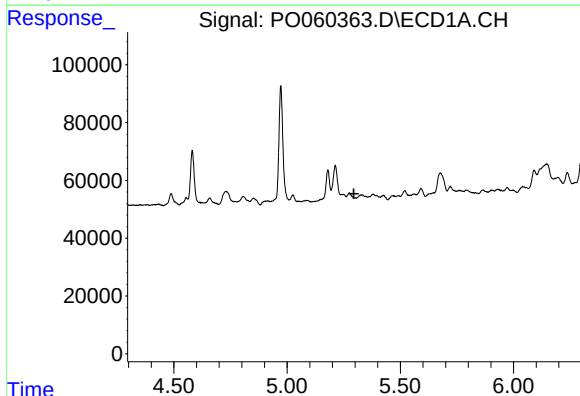
R.T.: 0.000 min
Exp R.T.: 5.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



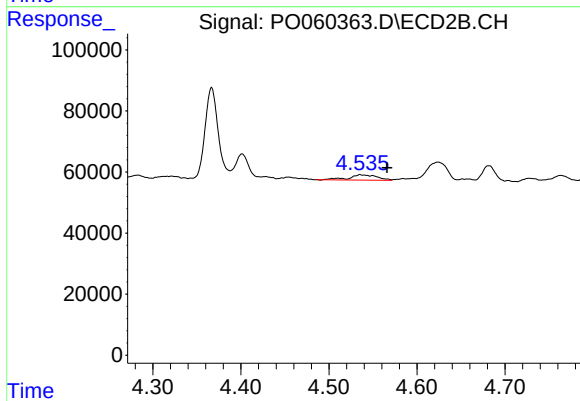
#16 AR-1242-1

R.T.: 4.536 min
Delta R.T.: -0.031 min
Response: 38487
Conc: 37.41 ng/ml



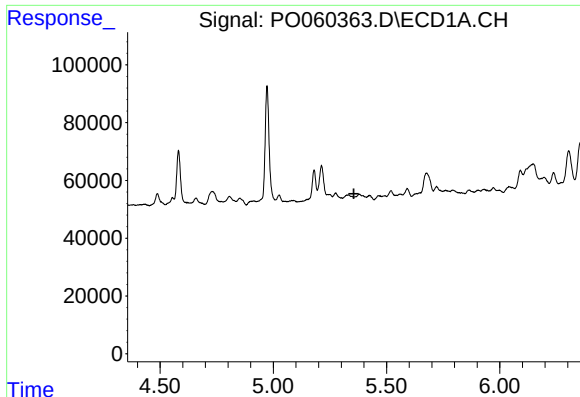
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.295 min
Response: 0
Conc: N.D.



#17 AR-1242-2

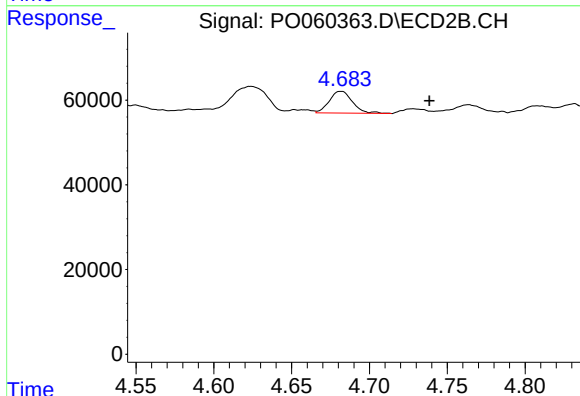
R.T.: 4.536 min
Delta R.T.: -0.031 min
Response: 38487
Conc: 25.27 ng/ml



#18 AR-1242-3

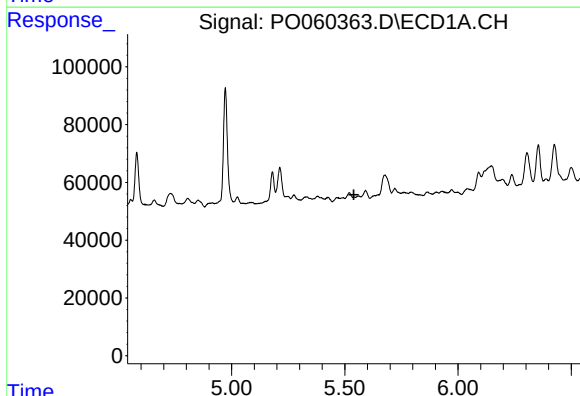
R.T.: 0.000 min
Exp R.T.: 5.356 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



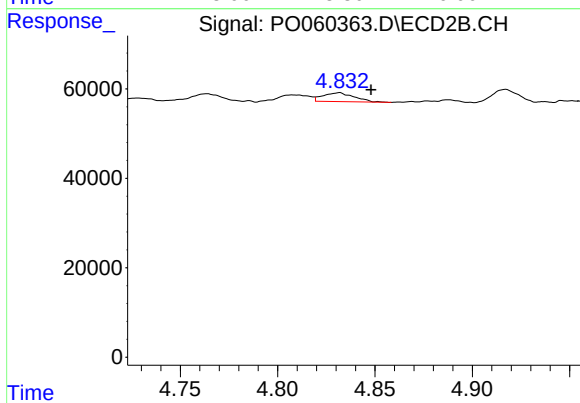
#18 AR-1242-3

R.T.: 4.682 min
Delta R.T.: -0.057 min
Response: 53019
Conc: 63.46 ng/ml



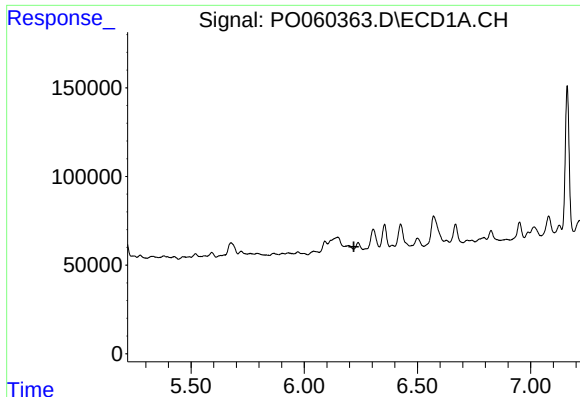
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.540 min
Response: 0
Conc: N.D.



#19 AR-1242-4

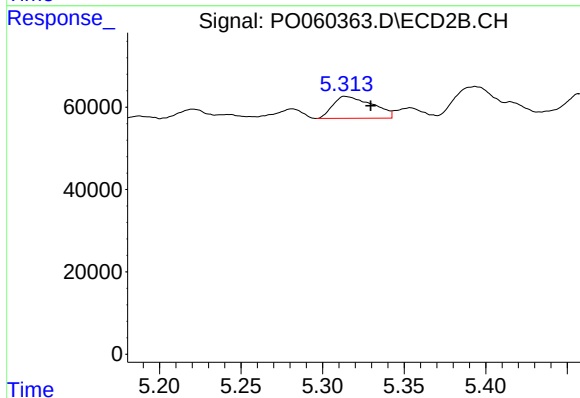
R.T.: 4.831 min
Delta R.T.: -0.017 min
Response: 22115
Conc: 26.50 ng/ml



#20 AR-1242-5

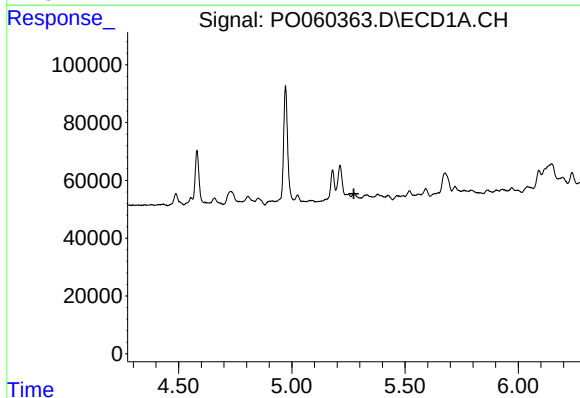
R.T.: 0.000 min
Exp R.T.: 6.219 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



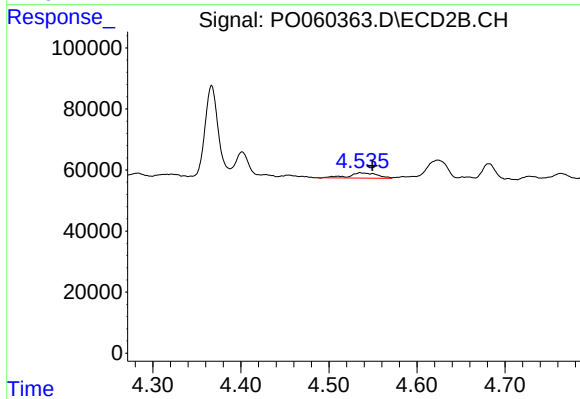
#20 AR-1242-5

R.T.: 5.314 min
Delta R.T.: -0.015 min
Response: 89826
Conc: 80.30 ng/ml



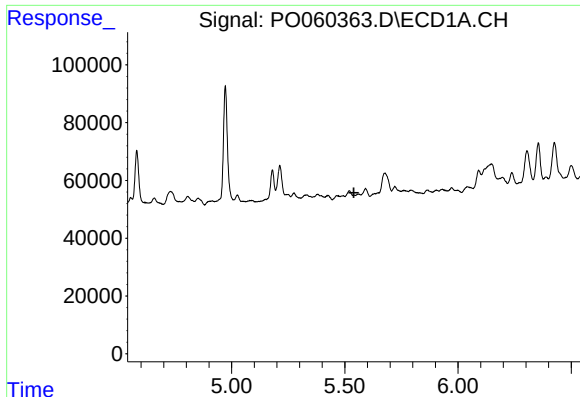
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.274 min
Response: 0
Conc: N.D.



#21 AR-1248-1

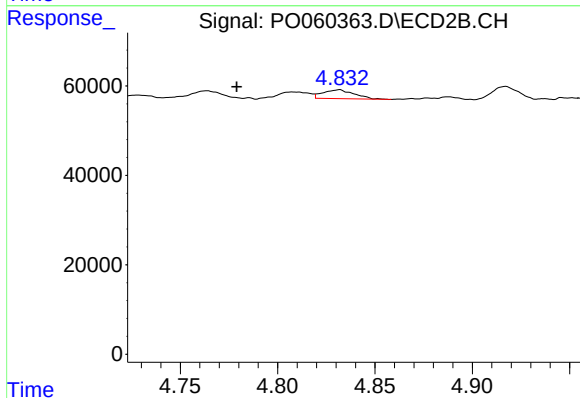
R.T.: 4.536 min
Delta R.T.: -0.014 min
Response: 38487
Conc: 46.48 ng/ml



#22 AR-1248-2

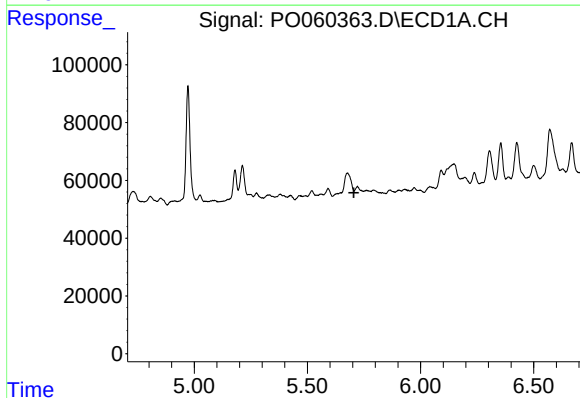
R.T.: 0.000 min
Exp R.T.: 5.540 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



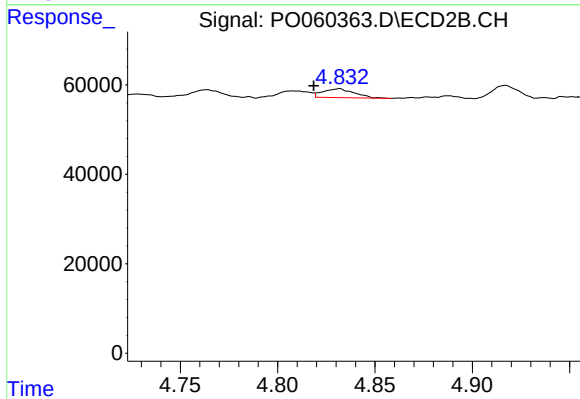
#22 AR-1248-2

R.T.: 4.831 min
Delta R.T.: 0.052 min
Response: 22115
Conc: 19.18 ng/ml



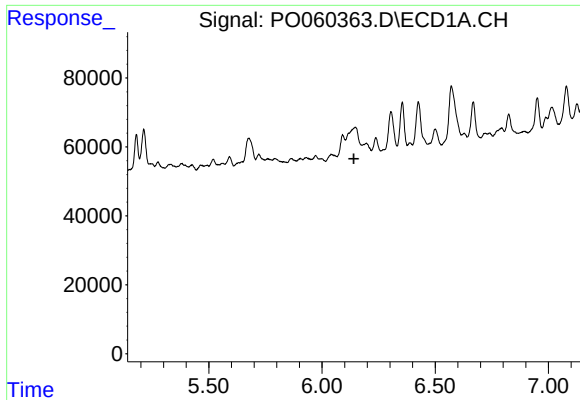
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.



#23 AR-1248-3

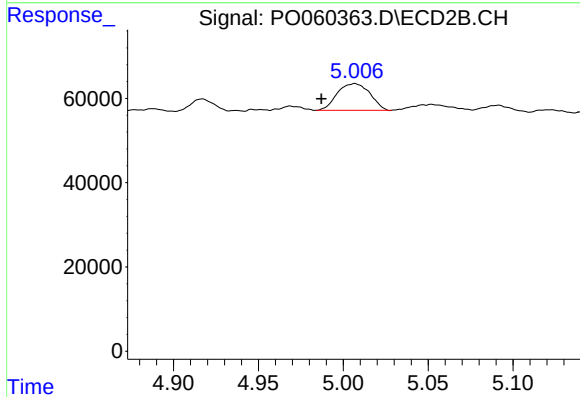
R.T.: 4.831 min
Delta R.T.: 0.013 min
Response: 22115
Conc: 18.62 ng/ml



#24 AR-1248-4

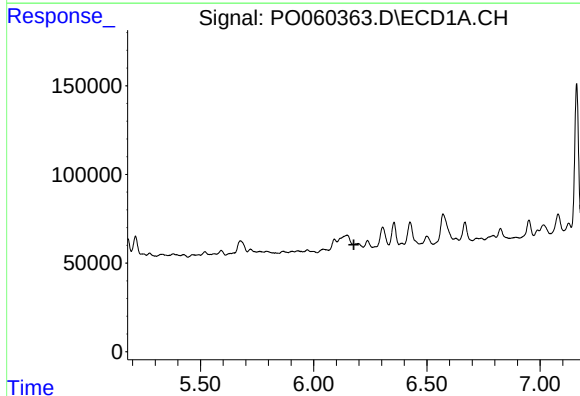
R.T.: 0.000 min
Exp R.T.: 6.141 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



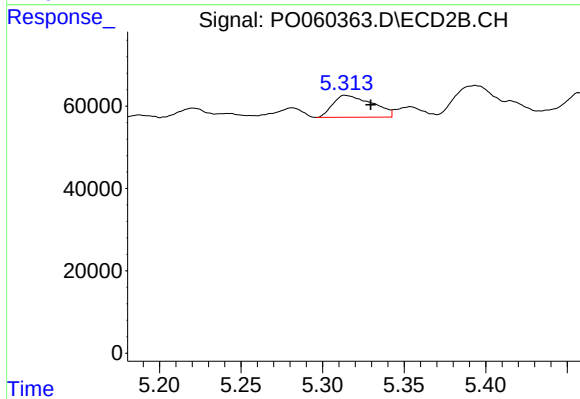
#24 AR-1248-4

R.T.: 5.007 min
Delta R.T.: 0.020 min
Response: 84868
Conc: 58.41 ng/ml



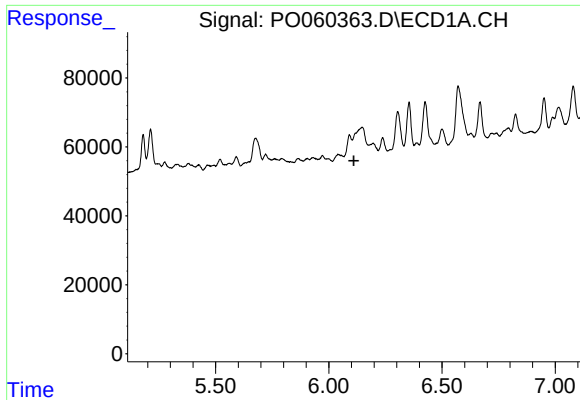
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.178 min
Response: 0
Conc: N.D.



#25 AR-1248-5

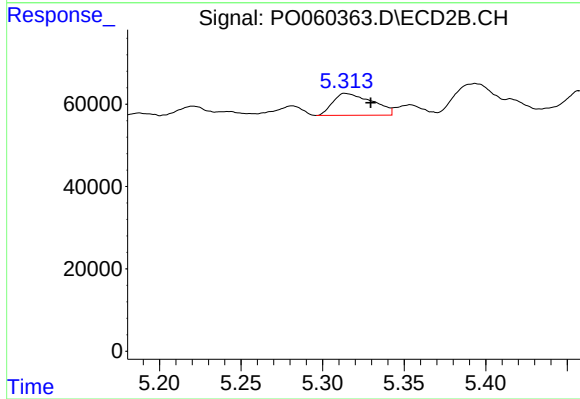
R.T.: 5.314 min
Delta R.T.: -0.015 min
Response: 89826
Conc: 62.76 ng/ml



#26 AR-1254-1

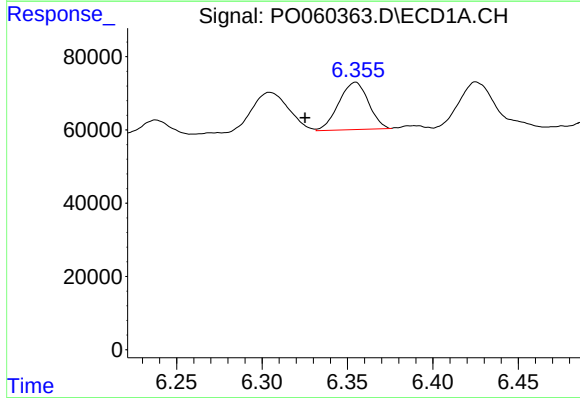
R.T.: 0.000 min
Exp R.T.: 6.111 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



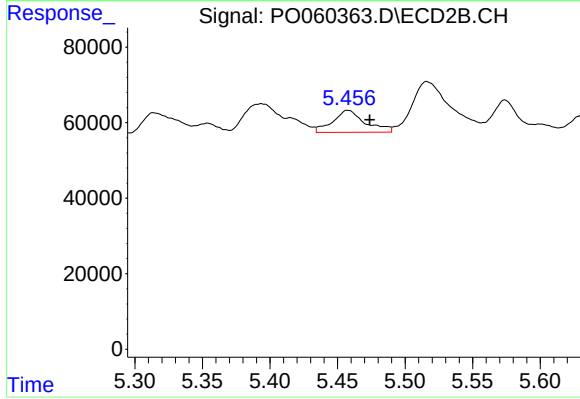
#26 AR-1254-1

R.T.: 5.314 min
Delta R.T.: -0.015 min
Response: 89826
Conc: 37.87 ng/ml



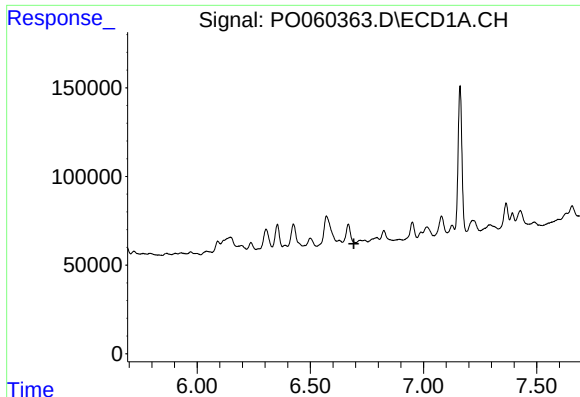
#27 AR-1254-2

R.T.: 6.355 min
Delta R.T.: 0.030 min
Response: 156010
Conc: 46.76 ng/ml



#27 AR-1254-2

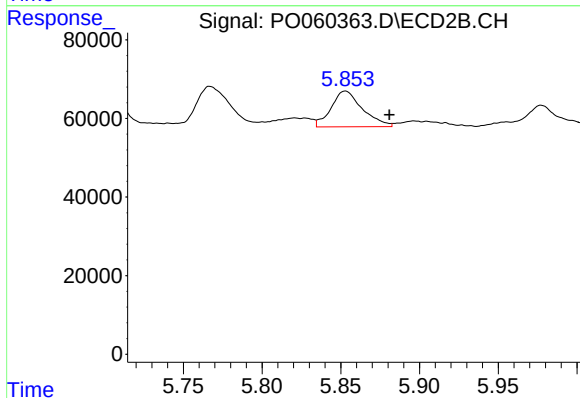
R.T.: 5.458 min
Delta R.T.: -0.016 min
Response: 96842
Conc: 46.15 ng/ml



#28 AR-1254-3

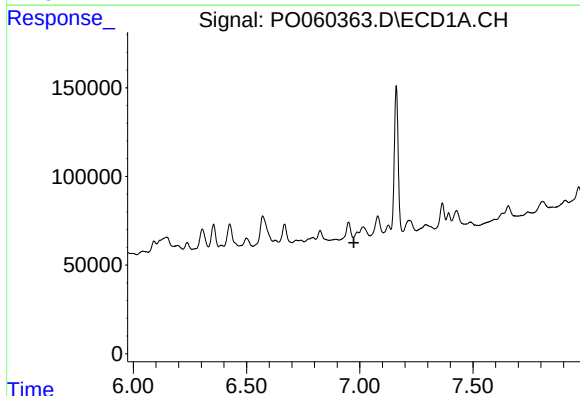
R.T.: 0.000 min
Exp R.T.: 6.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



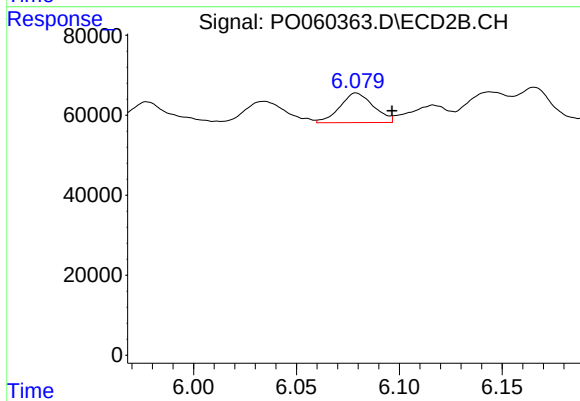
#28 AR-1254-3

R.T.: 5.853 min
Delta R.T.: -0.028 min
Response: 126082
Conc: 37.50 ng/ml



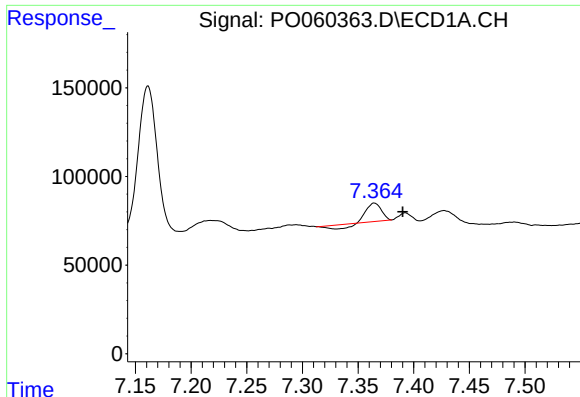
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.974 min
Response: 0
Conc: N.D.



#29 AR-1254-4

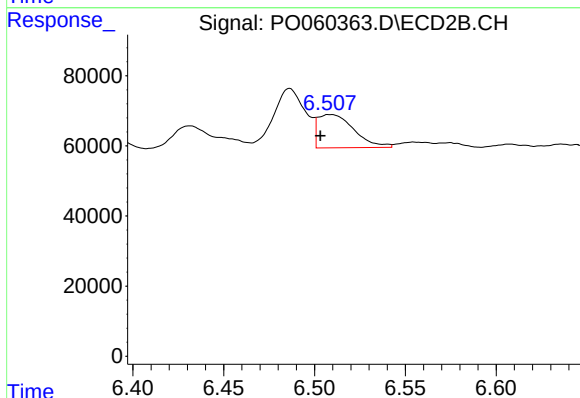
R.T.: 6.079 min
Delta R.T.: -0.017 min
Response: 84415
Conc: 40.94 ng/ml



#30 AR-1254-5

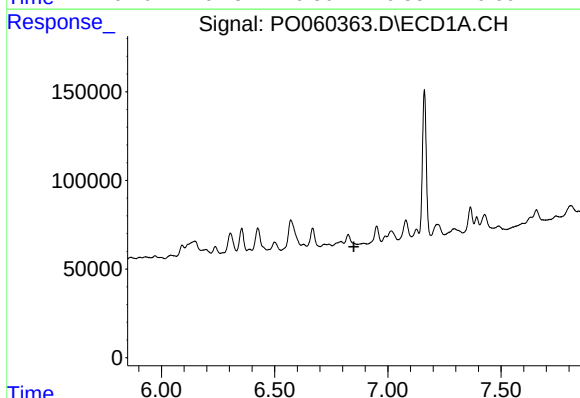
R.T.: 7.365 min
Delta R.T.: -0.025 min
Response: 72224
Conc: 23.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
DC-1



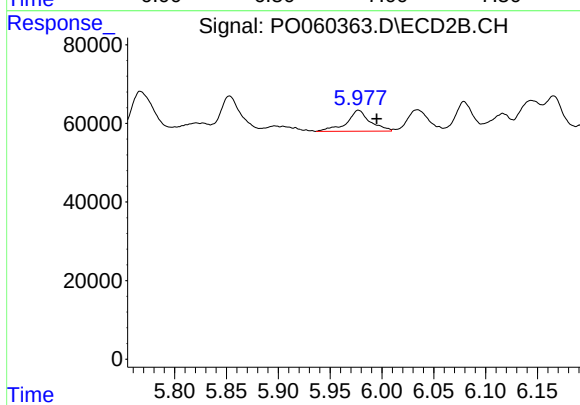
#30 AR-1254-5

R.T.: 6.509 min
Delta R.T.: 0.006 min
Response: 131415
Conc: 42.32 ng/ml



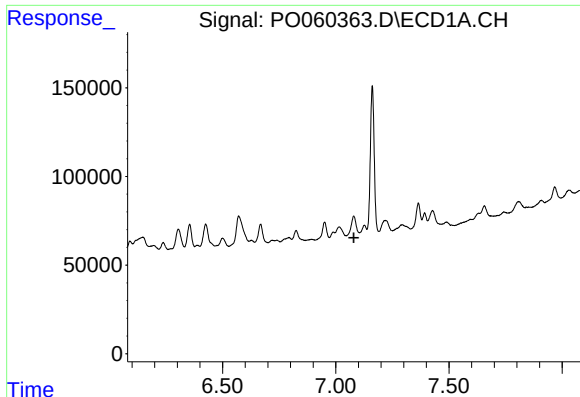
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.850 min
Response: 0
Conc: N.D.



#31 AR-1260-1

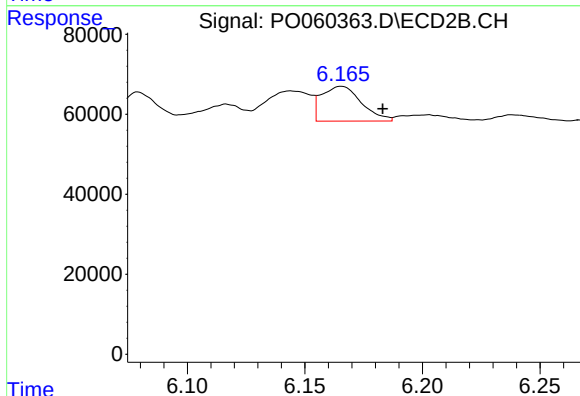
R.T.: 5.977 min
Delta R.T.: -0.017 min
Response: 83606
Conc: 36.69 ng/ml



#32 AR-1260-2

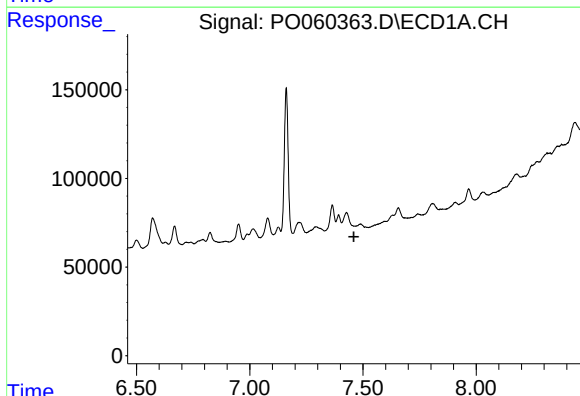
R.T.: 0.000 min
Exp R.T.: 7.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



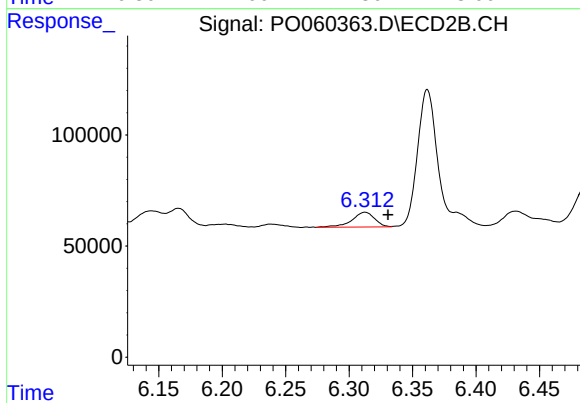
#32 AR-1260-2

R.T.: 6.166 min
Delta R.T.: -0.018 min
Response: 103209
Conc: 35.23 ng/ml



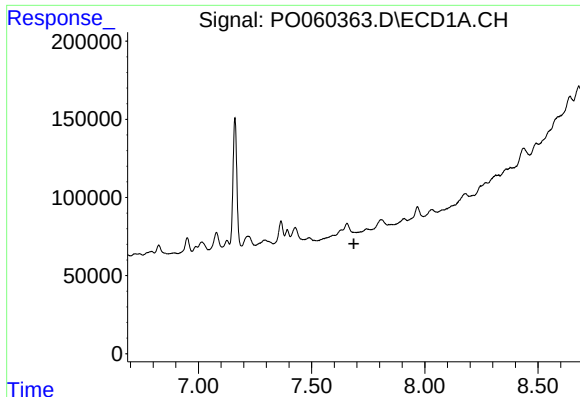
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 7.460 min
Response: 0
Conc: N.D.



#33 AR-1260-3

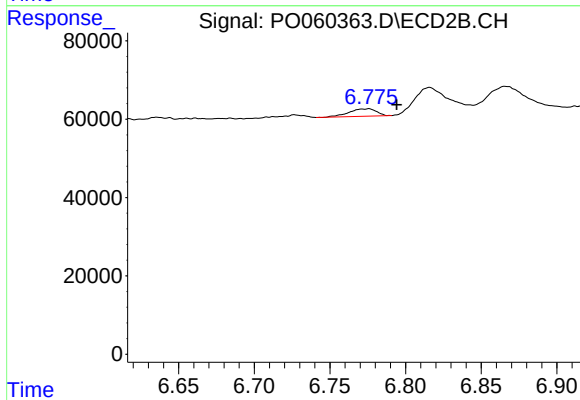
R.T.: 6.313 min
Delta R.T.: -0.018 min
Response: 82624
Conc: 31.19 ng/ml



#34 AR-1260-4

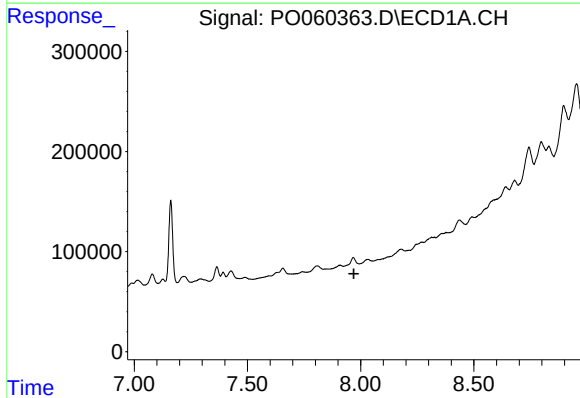
R.T.: 0.000 min
Exp R.T.: 7.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



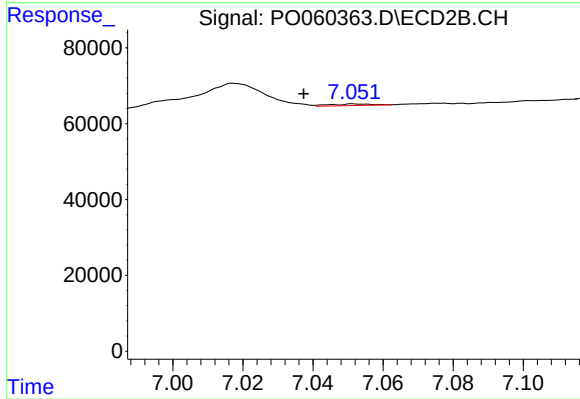
#34 AR-1260-4

R.T.: 6.775 min
Delta R.T.: -0.019 min
Response: 23755
Conc: 10.50 ng/ml



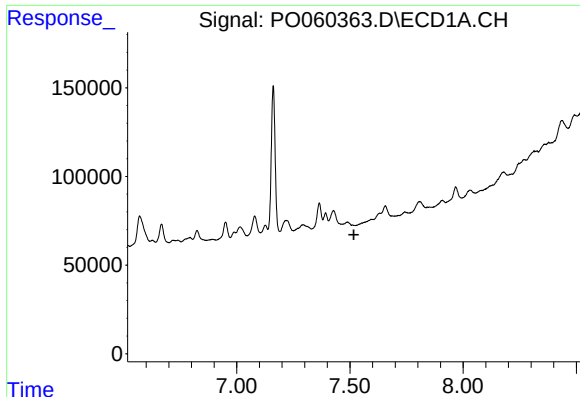
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.970 min
Response: 0
Conc: N.D.



#35 AR-1260-5

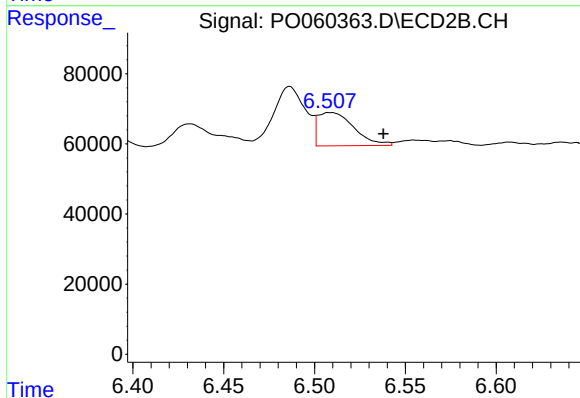
R.T.: 7.052 min
Delta R.T.: 0.015 min
Response: 3445
Conc: 0.63 ng/ml



#36 AR-1262-1

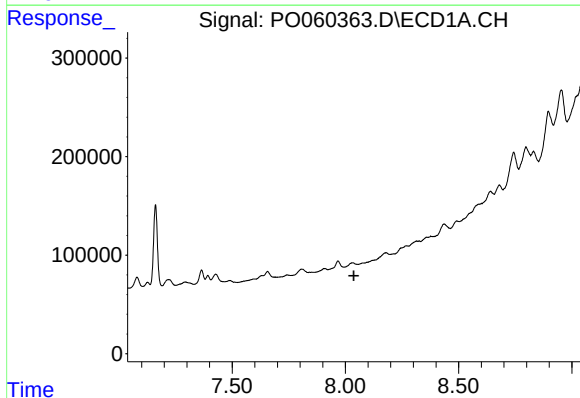
R.T.: 0.000 min
Exp R.T.: 7.517 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



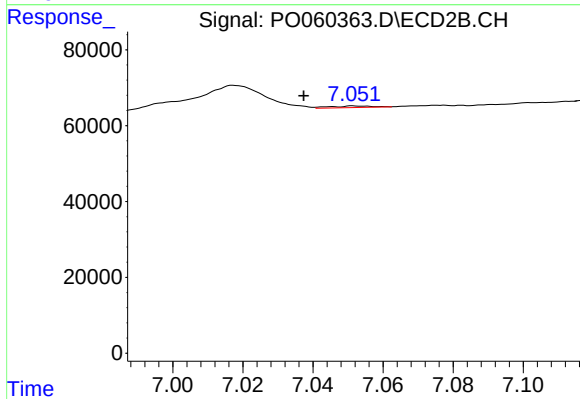
#36 AR-1262-1

R.T.: 6.509 min
Delta R.T.: -0.029 min
Response: 131415
Conc: 35.26 ng/ml



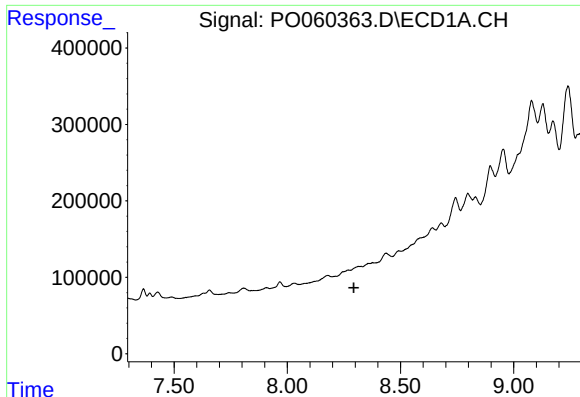
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.037 min
Response: 0
Conc: N.D.



#37 AR-1262-2

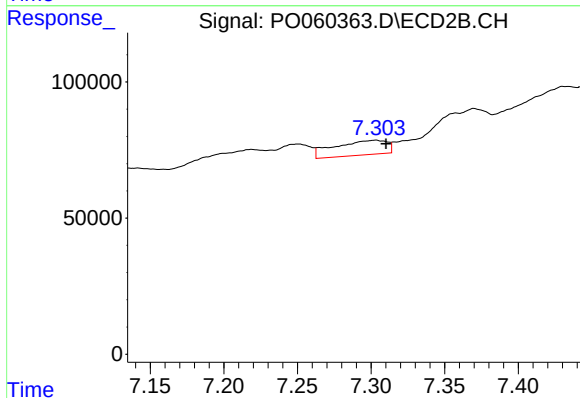
R.T.: 7.052 min
Delta R.T.: 0.015 min
Response: 3445
Conc: 0.59 ng/ml



#38 AR-1262-3

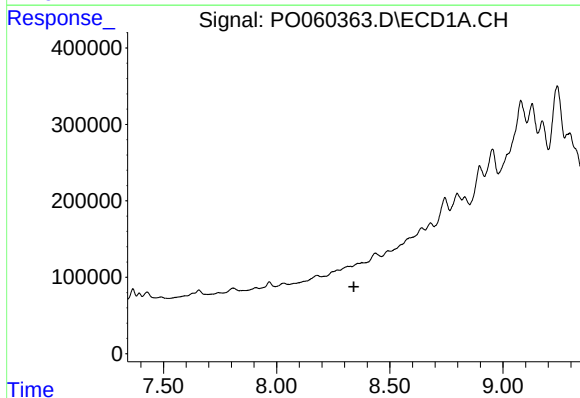
R.T.: 0.000 min
Exp R.T.: 8.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



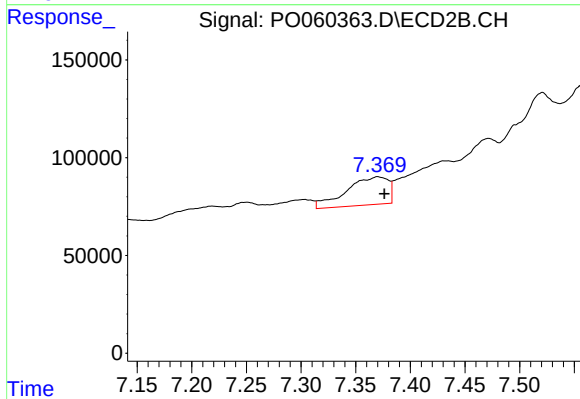
#38 AR-1262-3

R.T.: 7.303 min
Delta R.T.: -0.007 min
Response: 133953
Conc: 52.72 ng/ml



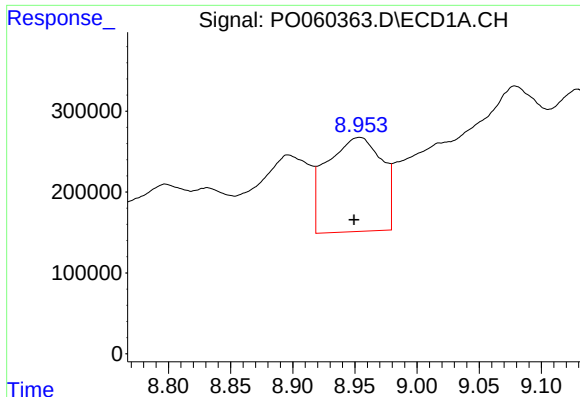
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.341 min
Response: 0
Conc: N.D.



#39 AR-1262-4

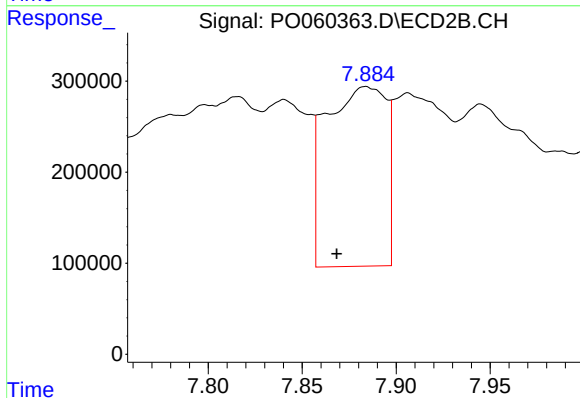
R.T.: 7.370 min
Delta R.T.: -0.006 min
Response: 380902
Conc: 86.20 ng/ml



#40 AR-1262-5

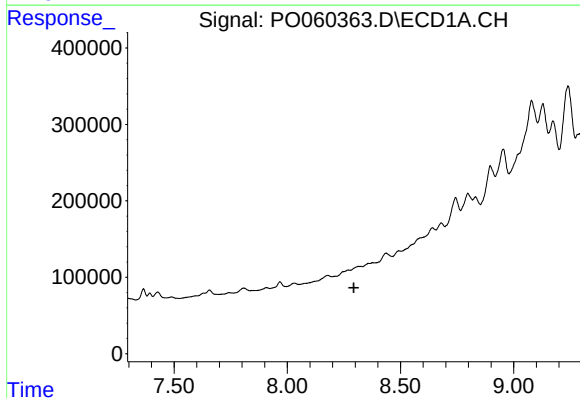
R.T.: 8.954 min
Delta R.T.: 0.004 min
Response: 3591746
Conc: 1399.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
DC-1



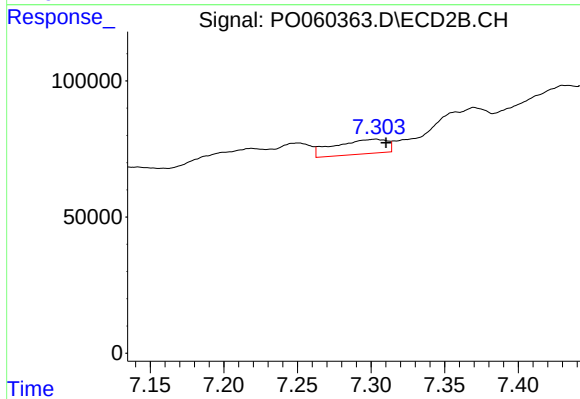
#40 AR-1262-5

R.T.: 7.884 min
Delta R.T.: 0.015 min
Response: 4394528
Conc: 2433.89 ng/ml



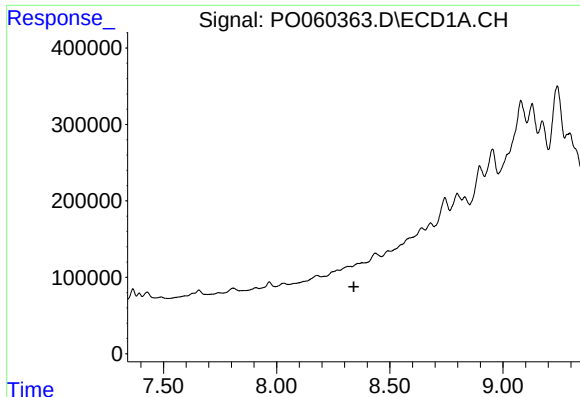
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.294 min
Response: 0
Conc: N.D.



#41 AR-1268-1

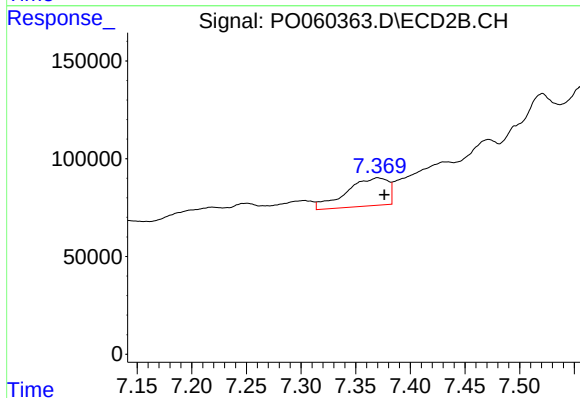
R.T.: 7.303 min
Delta R.T.: -0.007 min
Response: 133953
Conc: 18.81 ng/ml



#42 AR-1268-2

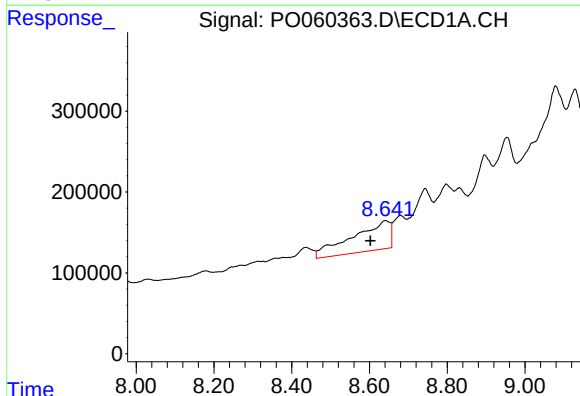
R.T.: 0.000 min
Exp R.T.: 8.341 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DC-1



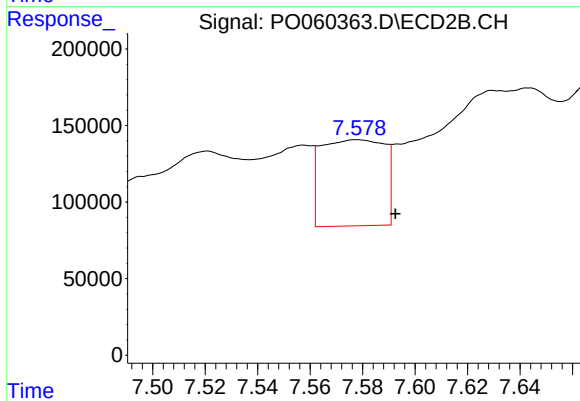
#42 AR-1268-2

R.T.: 7.370 min
Delta R.T.: -0.006 min
Response: 380902
Conc: 59.07 ng/ml



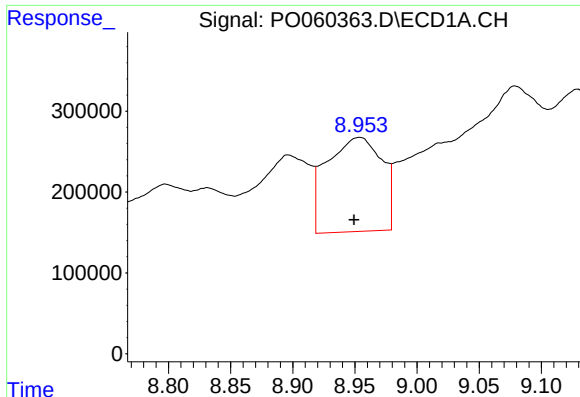
#43 AR-1268-3

R.T.: 8.642 min
Delta R.T.: 0.039 min
Response: 2436074
Conc: 345.60 ng/ml



#43 AR-1268-3

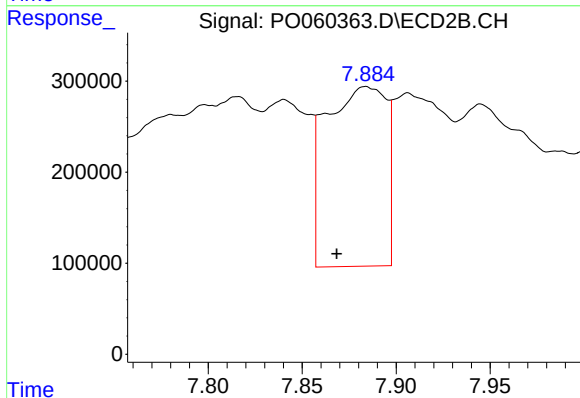
R.T.: 7.578 min
Delta R.T.: -0.014 min
Response: 943433
Conc: 172.42 ng/ml



#44 AR-1268-4

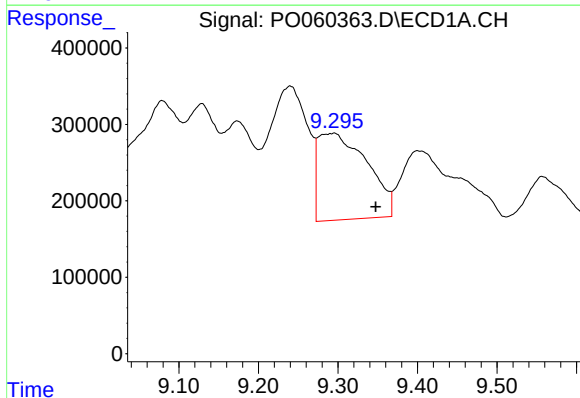
R.T.: 8.954 min
Delta R.T.: 0.004 min
Response: 3591746
Conc: 1291.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
DC-1



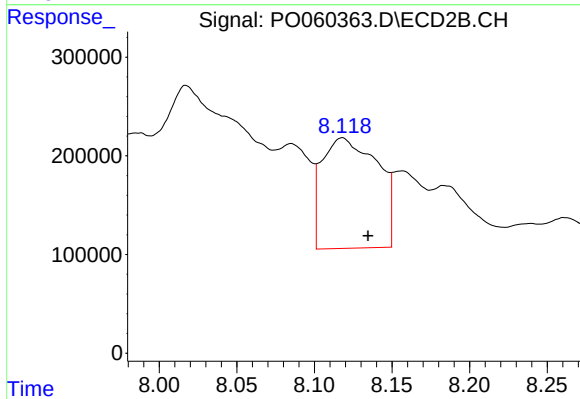
#44 AR-1268-4

R.T.: 7.884 min
Delta R.T.: 0.015 min
Response: 4394528
Conc: 2152.81 ng/ml



#45 AR-1268-5

R.T.: 9.296 min
Delta R.T.: -0.052 min
Response: 4833827
Conc: 262.11 ng/ml



#45 AR-1268-5

R.T.: 8.118 min
Delta R.T.: -0.017 min
Response: 2787478
Conc: 191.85 ng/ml