

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090319\
 Data File : P0060261.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Sep 2019 21:34
 Operator : SM/AJ
 Sample : K4554-55
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SB-5-(0-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 03:42:13 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...	4.112	3.492	1095542	888567	31.290	24.685
2)	SA Decachlor...	9.561	8.343	1102565	871496	20.725	21.614
Target Compounds							
3)	L1 AR-1016-1	5.252	0.000	1447	0	0.902	N.D. #
4)	L1 AR-1016-2	5.292	0.000	3492	0	1.459	N.D. #
5)	L1 AR-1016-3	5.338	0.000	1711	0	1.148	N.D. #
6)	L1 AR-1016-4	5.428	0.000	177	0	0.147	N.D. #
7)	L1 AR-1016-5	5.723	0.000	11824	0	9.208	N.D. #
8)	L2 AR-1221-1	4.379	0.000	1744	0	4.119	N.D. #
9)	L2 AR-1221-2	4.411	0.000	21444	0	66.022	N.D. #
10)	L2 AR-1221-3	4.492	0.000	11455	0	10.890	N.D. #
11)	L3 AR-1232-1	4.492	0.000	11455	0	9.190	N.D. #
12)	L3 AR-1232-2	5.021	0.000	18488	0	26.173	N.D. #
13)	L3 AR-1232-3	5.292	0.000	3492	0	2.280	N.D. #
14)	L3 AR-1232-4	5.528	0.000	9723	0	12.435	N.D. #
15)	L3 AR-1232-5	5.595	0.000	7333	0	12.198	N.D. #
16)	L4 AR-1242-1	5.292	0.000	3492	0	2.750	N.D. #
17)	L4 AR-1242-2	5.292	0.000	3492	0	1.882	N.D. #
18)	L4 AR-1242-3	5.338	0.000	1711	0	1.464	N.D. #
19)	L4 AR-1242-4	5.528	0.000	9723	0	10.045	N.D. #
20)	L4 AR-1242-5	6.246	5.319	14730	95512	11.722	85.385 #
21)	L5 AR-1248-1	5.292	0.000	3492	0	3.483	N.D. #
22)	L5 AR-1248-2	5.528	0.000	9723	0	6.701	N.D. #
23)	L5 AR-1248-3	5.723	0.000	11824	0	7.114	N.D. #
24)	L5 AR-1248-4	6.129	0.000	8021	0	3.924	N.D. #
25)	L5 AR-1248-5	6.170	5.319	5242	95512	2.643	66.732 #
26)	L6 AR-1254-1	6.093	5.319	20175	95512	9.670	40.270 #
27)	L6 AR-1254-2	6.310	5.521	37127	24732	11.128	11.786
28)	L6 AR-1254-3	6.675	5.860	46734	35820	13.170	10.653
29)	L6 AR-1254-4	6.956	0.000	17866	0	6.065	N.D. #
30)	L6 AR-1254-5	7.402	6.492	26320	82029	8.511	26.419 #
31)	L7 AR-1260-1	6.865	5.983	4596	39010	1.705	17.118 #
32)	L7 AR-1260-2	7.087	6.174	64675	83495	17.430	28.498 #
33)	L7 AR-1260-3	7.440	6.319	55185	43178	16.844	16.299
34)	L7 AR-1260-4	7.704	6.781	25818	102102	8.406	45.126 #
35)	L7 AR-1260-5	7.993	7.025	2140894	89517	302.347	16.266 #
36)	L8 AR-1262-1	7.497	6.525	51301	51220	10.571	13.741 #
37)	L8 AR-1262-2	8.067	7.025	726502	89517	94.157	15.227 #
38)	L8 AR-1262-3	8.274	7.298	618629	33188	121.245	13.061 #
39)	L8 AR-1262-4	8.332	7.364	752191	161995	195.134	36.659 #
40)	L8 AR-1262-5	8.919	7.855	180678	100480	70.397	55.650
41)	L9 AR-1268-1	8.274	7.298	618629	33188	65.737	4.661 #

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 Operator : SM/AJ
 Sample : K4554-55
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

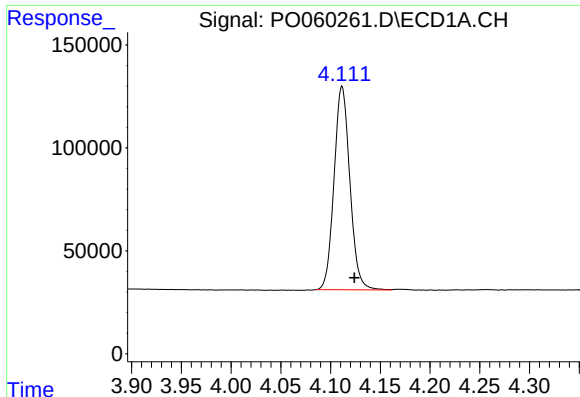
Instrument :
 ECD_O
 ClientSampleId :
 SB-5-(0-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 03:42:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.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
42) L9	AR-1268-2	8.332	7.364	752191	161995	95.423	25.123 #
43) L9	AR-1268-3	8.630	7.584	239016	6475	33.909	1.183 #
44) L9	AR-1268-4	8.919	7.855	180678	100480	64.991	49.224
45) L9	AR-1268-5	9.389	8.121	111677	48883	6.056	3.364 #

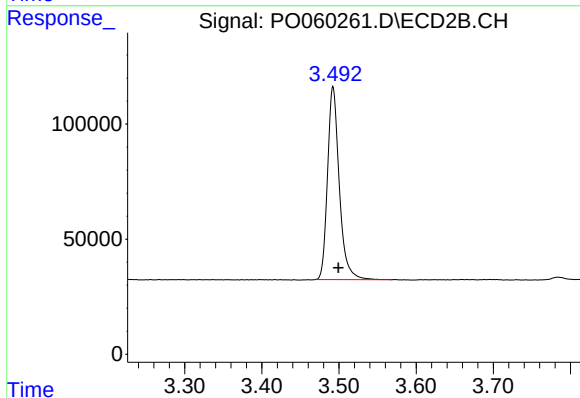
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

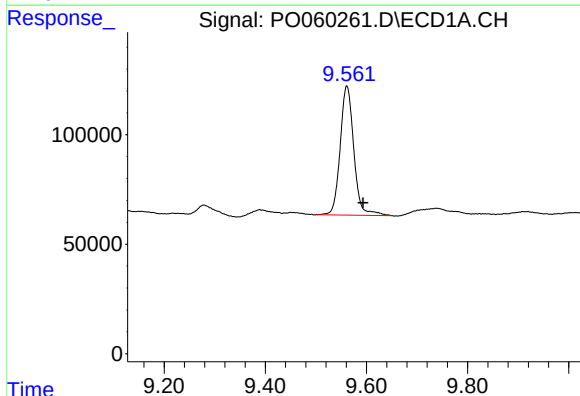
R.T.: 4.112 min
Delta R.T.: -0.012 min
Response: 1095542
Conc: 31.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



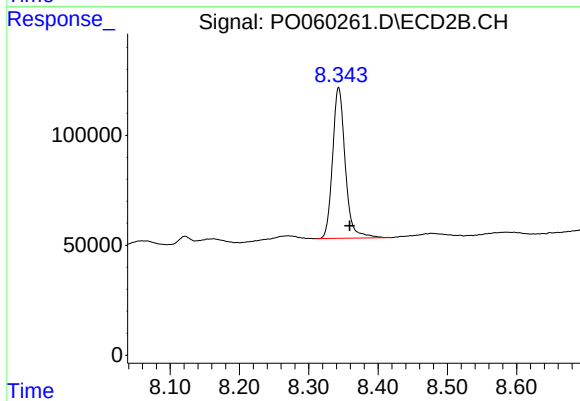
#1 Tetrachloro-m-xylene

R.T.: 3.492 min
Delta R.T.: -0.007 min
Response: 888567
Conc: 24.69 ng/ml



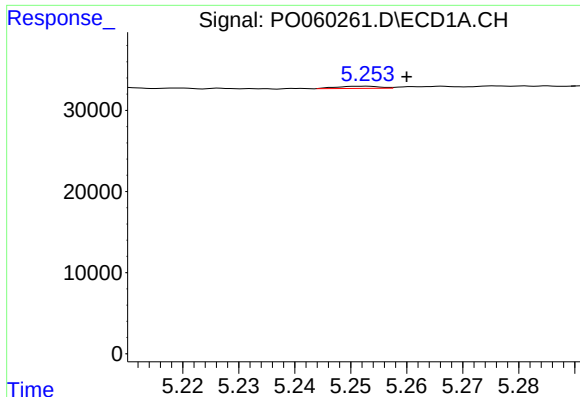
#2 Decachlorobiphenyl

R.T.: 9.561 min
Delta R.T.: -0.032 min
Response: 1102565
Conc: 20.72 ng/ml



#2 Decachlorobiphenyl

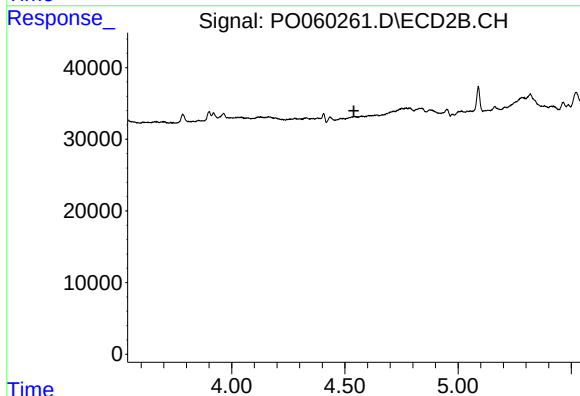
R.T.: 8.343 min
Delta R.T.: -0.016 min
Response: 871496
Conc: 21.61 ng/ml



#3 AR-1016-1

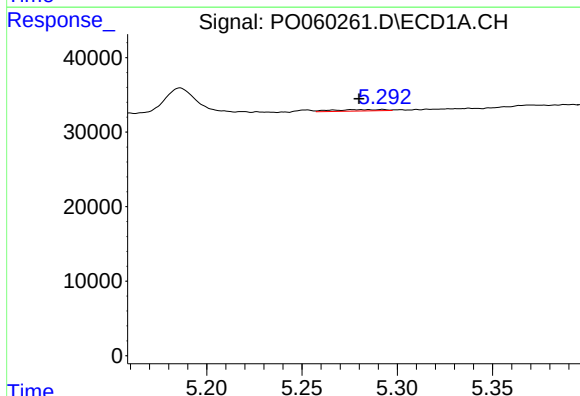
R.T.: 5.252 min
Delta R.T.: -0.008 min
Response: 1447
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



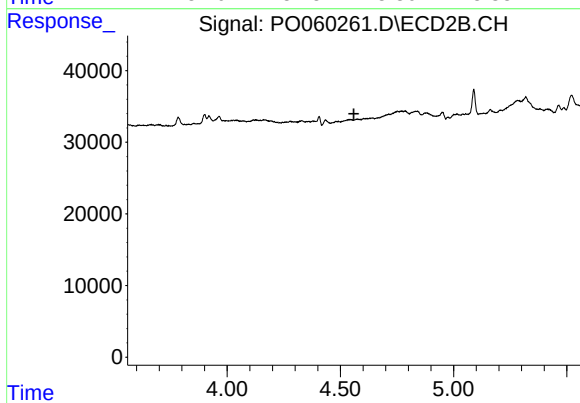
#3 AR-1016-1

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



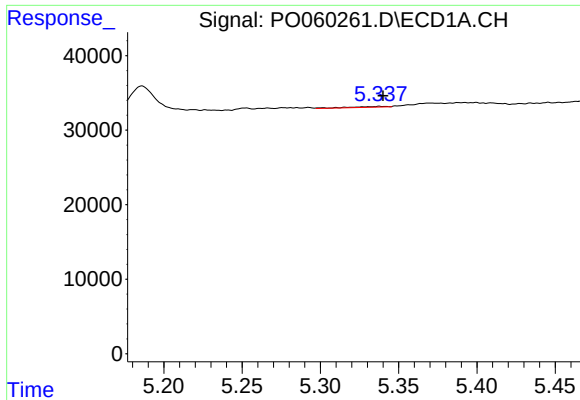
#4 AR-1016-2

R.T.: 5.292 min
Delta R.T.: 0.012 min
Response: 3492
Conc: 1.46 ng/ml



#4 AR-1016-2

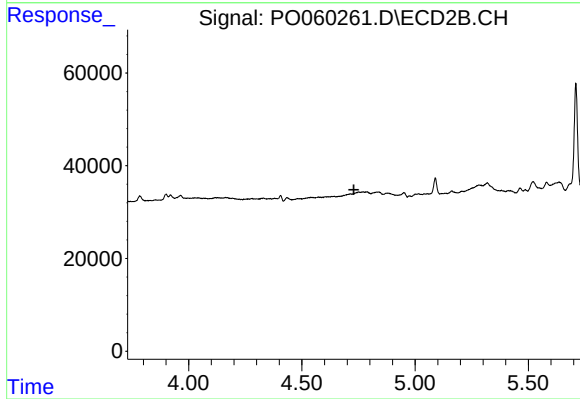
R.T.: 0.000 min
Exp R.T. : 4.560 min
Response: 0
Conc: N.D.



#5 AR-1016-3

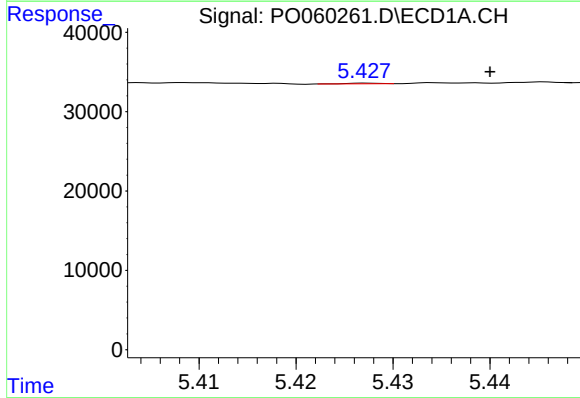
R.T.: 5.338 min
Delta R.T.: -0.002 min
Response: 1711
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



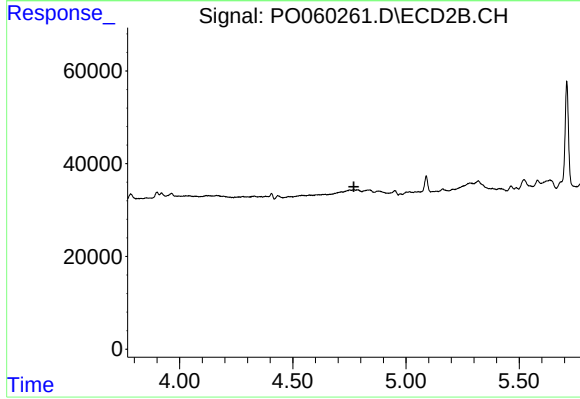
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.730 min
Response: 0
Conc: N.D.



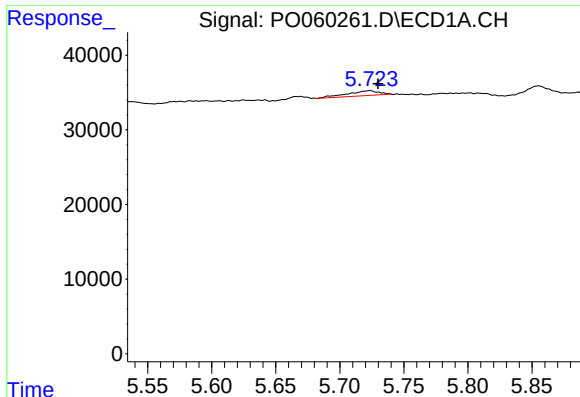
#6 AR-1016-4

R.T.: 5.428 min
Delta R.T.: -0.012 min
Response: 177
Conc: 0.15 ng/ml



#6 AR-1016-4

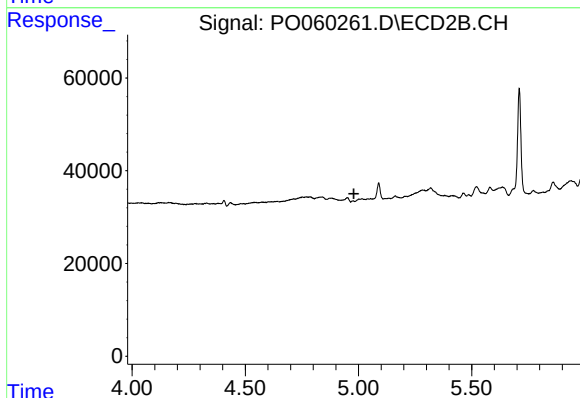
R.T.: 0.000 min
Exp R.T. : 4.770 min
Response: 0
Conc: N.D.



#7 AR-1016-5

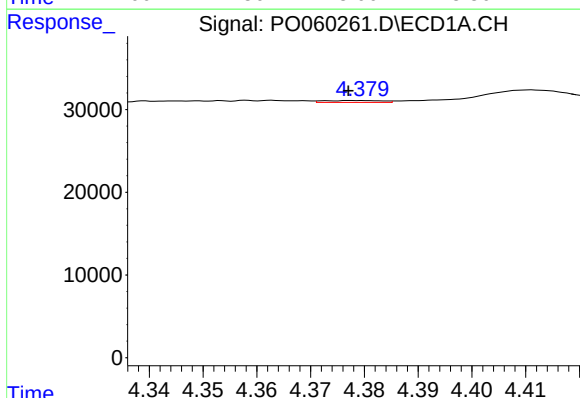
R.T.: 5.723 min
Delta R.T.: -0.007 min
Response: 11824
Conc: 9.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



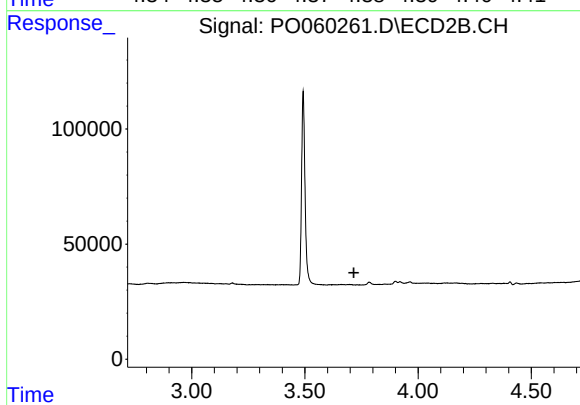
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.980 min
Response: 0
Conc: N.D.



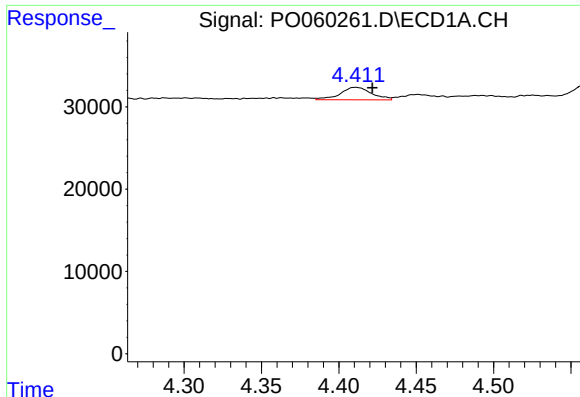
#8 AR-1221-1

R.T.: 4.379 min
Delta R.T.: 0.002 min
Response: 1744
Conc: 4.12 ng/ml



#8 AR-1221-1

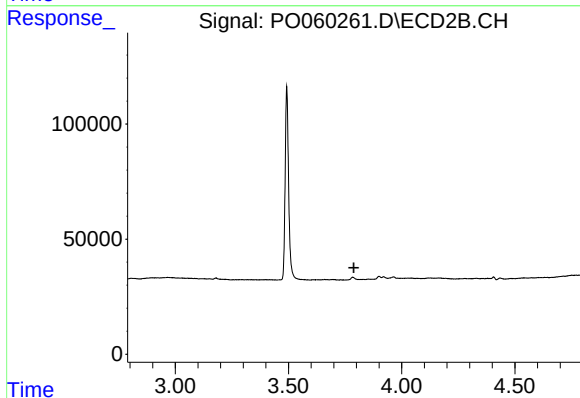
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

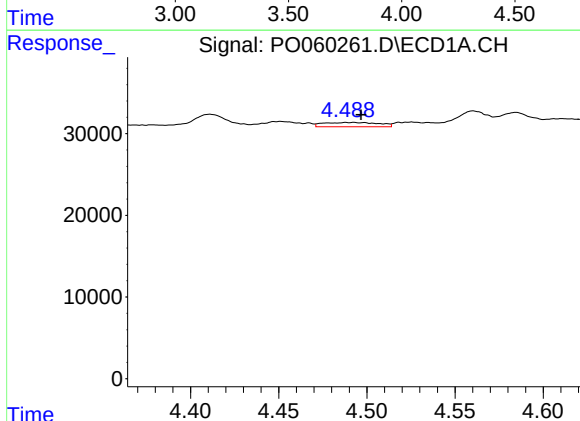
R.T.: 4.411 min
Delta R.T.: -0.011 min
Response: 21444
Conc: 66.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



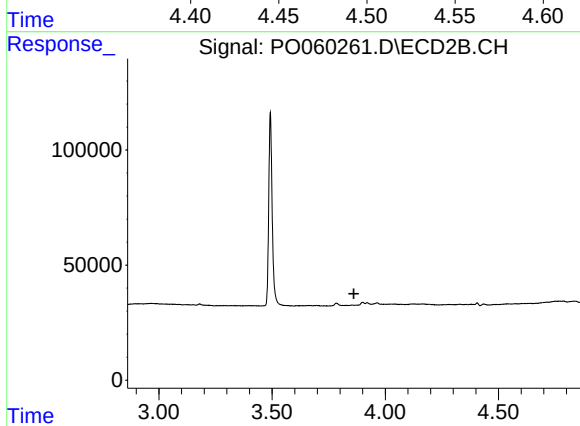
#9 AR-1221-2

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



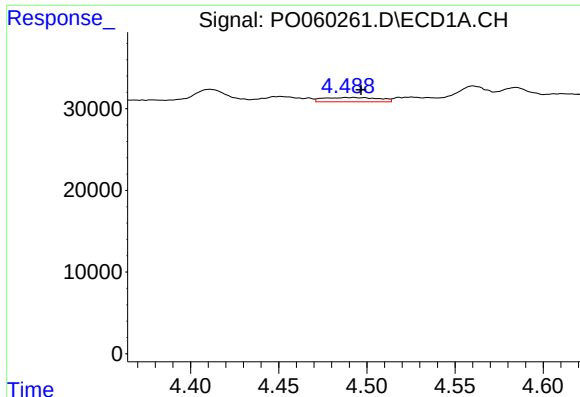
#10 AR-1221-3

R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 11455
Conc: 10.89 ng/ml



#10 AR-1221-3

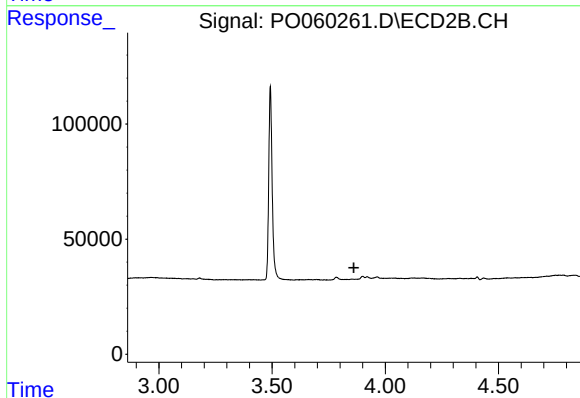
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

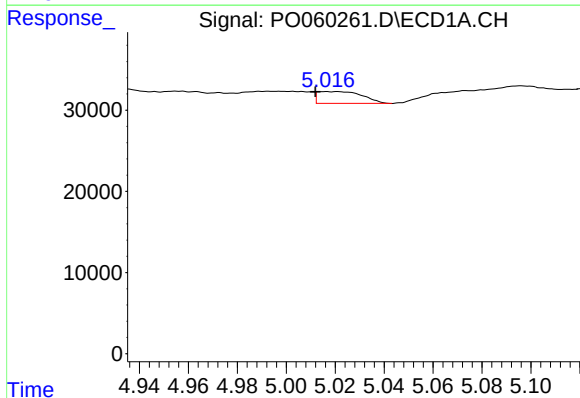
R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 11455
Conc: 9.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



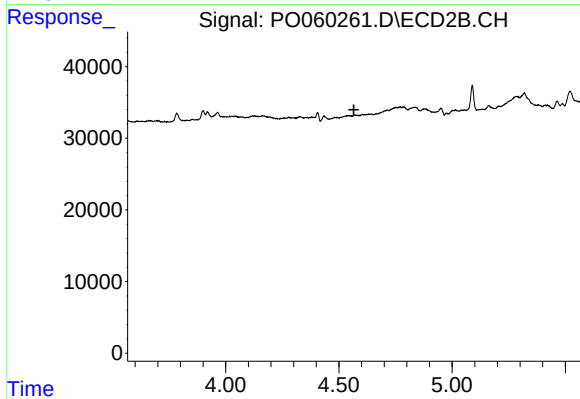
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



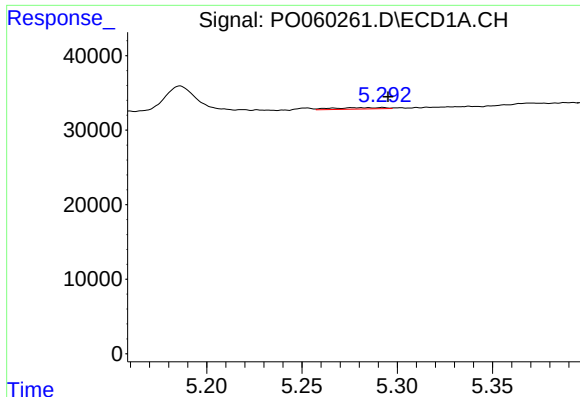
#12 AR-1232-2

R.T.: 5.021 min
Delta R.T.: 0.009 min
Response: 18488
Conc: 26.17 ng/ml



#12 AR-1232-2

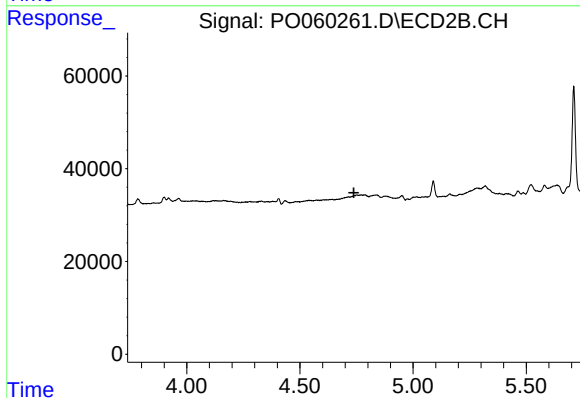
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

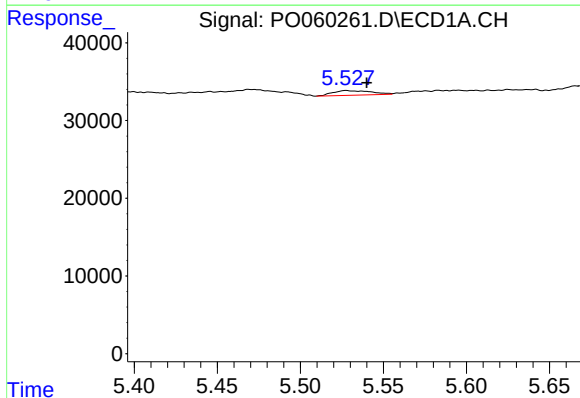
R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 3492
Conc: 2.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



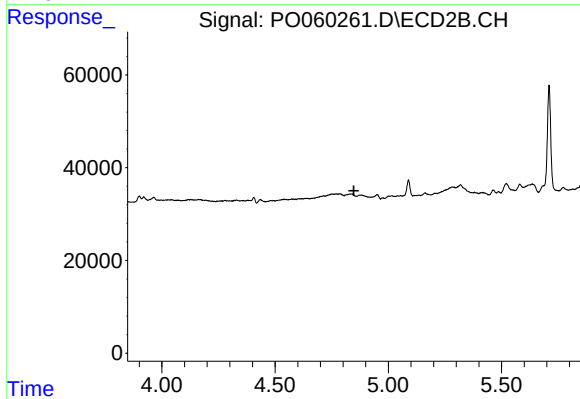
#13 AR-1232-3

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



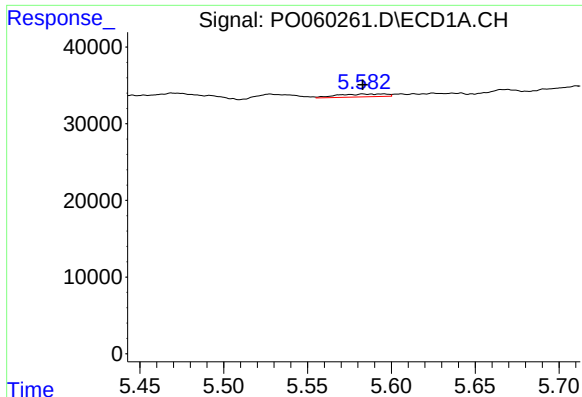
#14 AR-1232-4

R.T.: 5.528 min
Delta R.T.: -0.012 min
Response: 9723
Conc: 12.43 ng/ml



#14 AR-1232-4

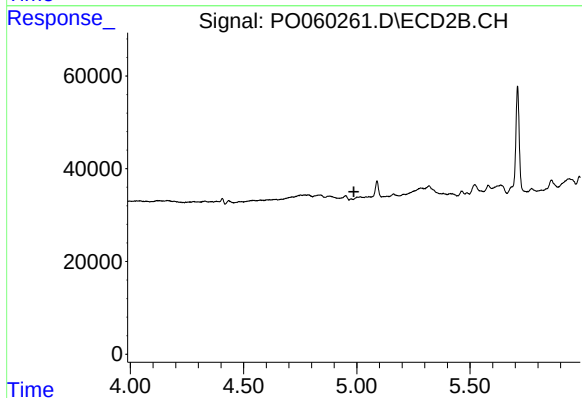
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

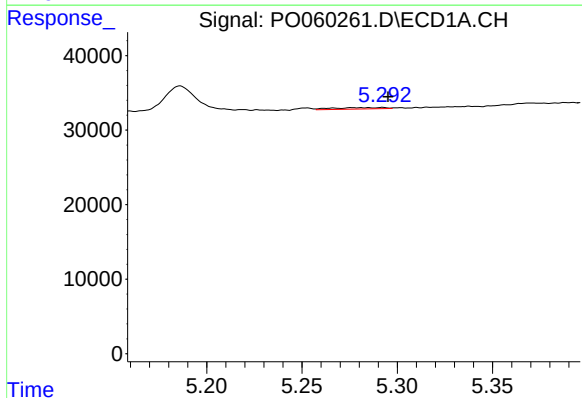
R.T.: 5.595 min
Delta R.T.: 0.012 min
Response: 7333
Conc: 12.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



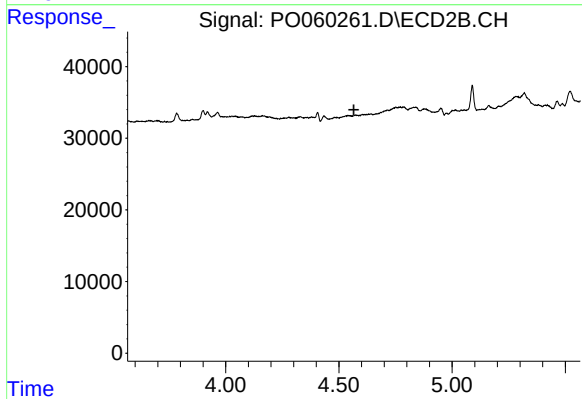
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



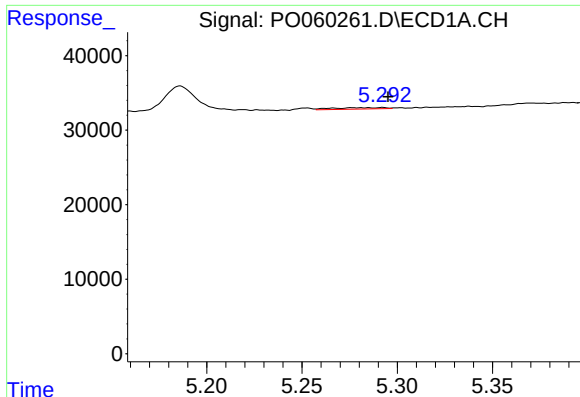
#16 AR-1242-1

R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 3492
Conc: 2.75 ng/ml



#16 AR-1242-1

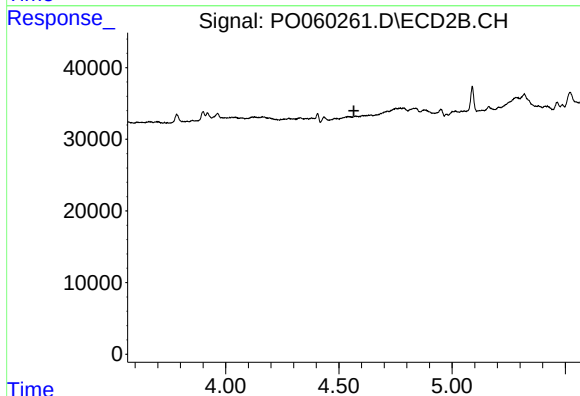
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

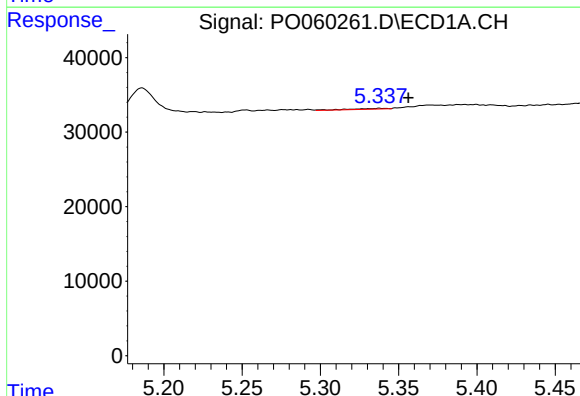
R.T.: 5.292 min
Delta R.T.: -0.003 min
Response: 3492
Conc: 1.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



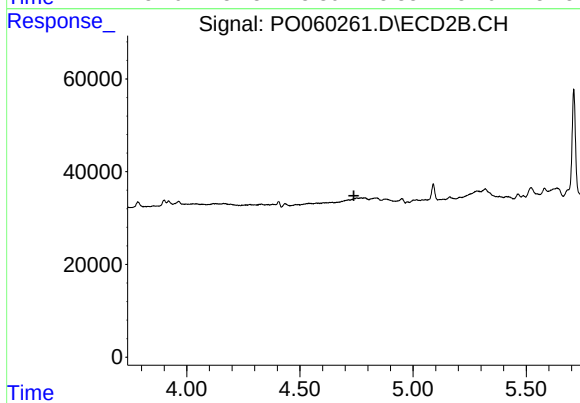
#17 AR-1242-2

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



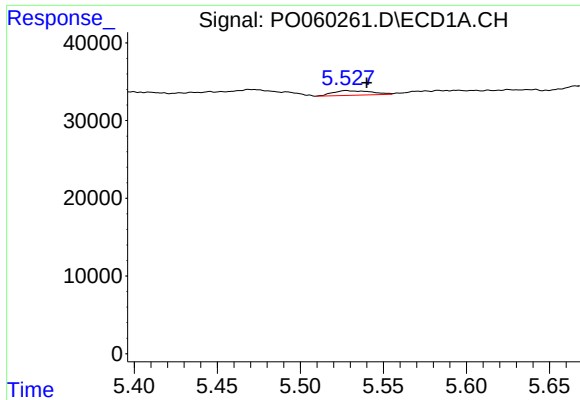
#18 AR-1242-3

R.T.: 5.338 min
Delta R.T.: -0.018 min
Response: 1711
Conc: 1.46 ng/ml



#18 AR-1242-3

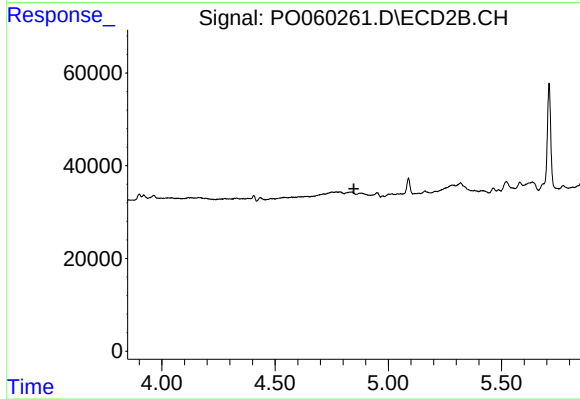
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

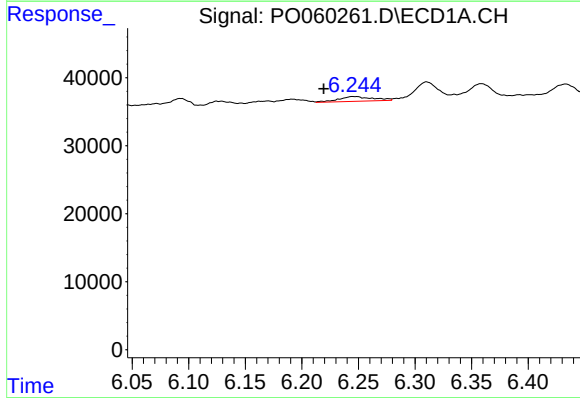
R.T.: 5.528 min
Delta R.T.: -0.012 min
Response: 9723
Conc: 10.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



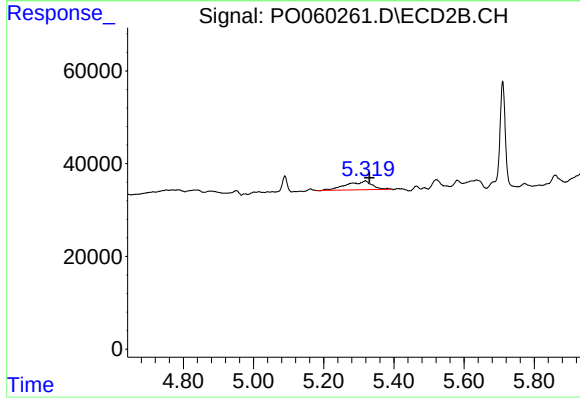
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



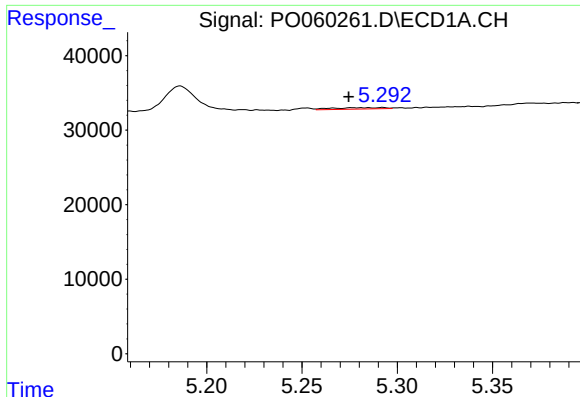
#20 AR-1242-5

R.T.: 6.246 min
Delta R.T.: 0.027 min
Response: 14730
Conc: 11.72 ng/ml



#20 AR-1242-5

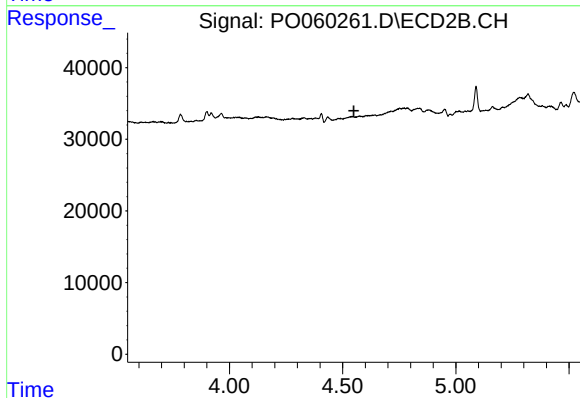
R.T.: 5.319 min
Delta R.T.: -0.011 min
Response: 95512
Conc: 85.39 ng/ml



#21 AR-1248-1

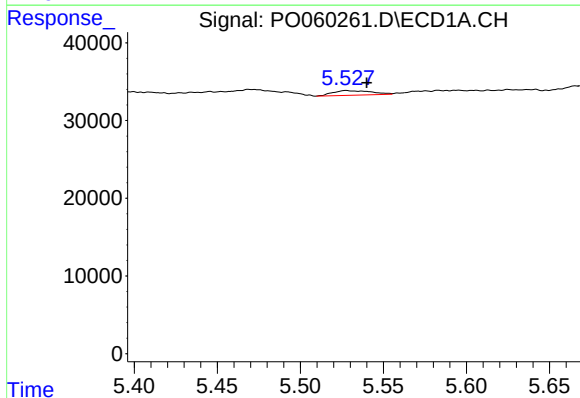
R.T.: 5.292 min
Delta R.T.: 0.018 min
Response: 3492
Conc: 3.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



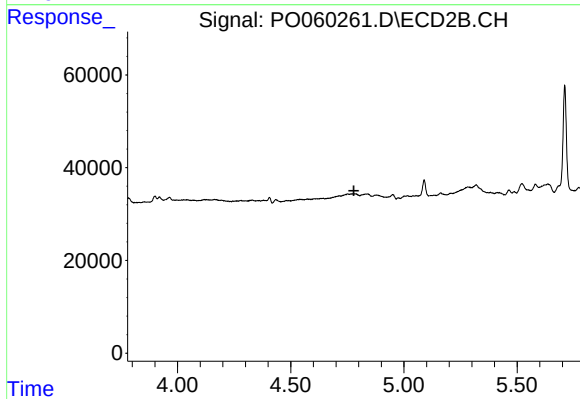
#21 AR-1248-1

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



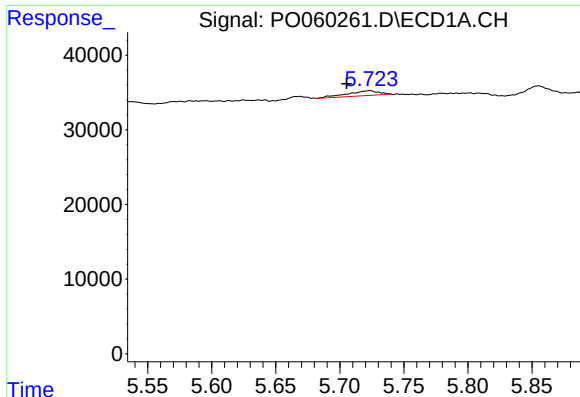
#22 AR-1248-2

R.T.: 5.528 min
Delta R.T.: -0.012 min
Response: 9723
Conc: 6.70 ng/ml



#22 AR-1248-2

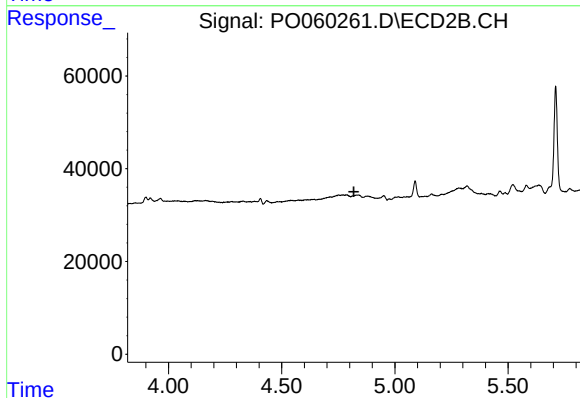
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

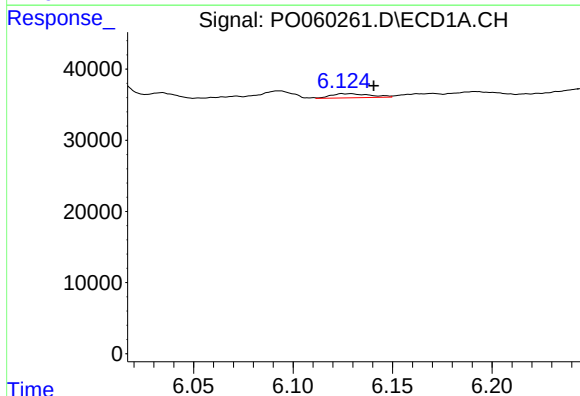
R.T.: 5.723 min
Delta R.T.: 0.018 min
Response: 11824
Conc: 7.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



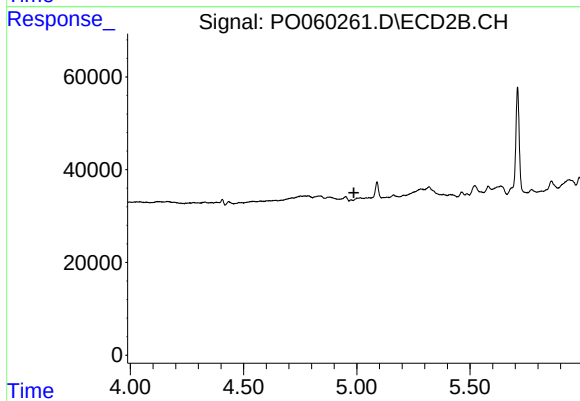
#23 AR-1248-3

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



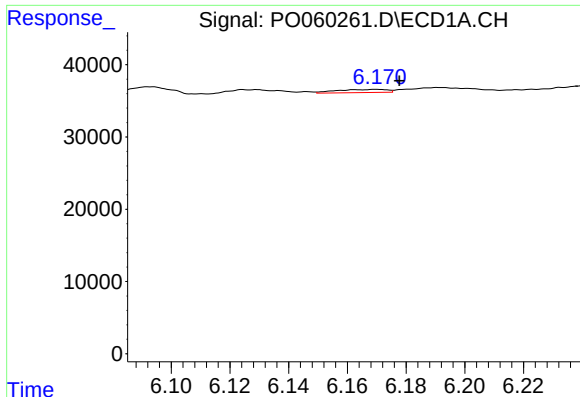
#24 AR-1248-4

R.T.: 6.129 min
Delta R.T.: -0.012 min
Response: 8021
Conc: 3.92 ng/ml



#24 AR-1248-4

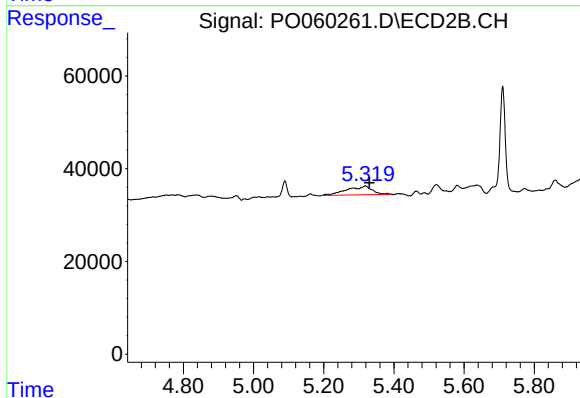
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

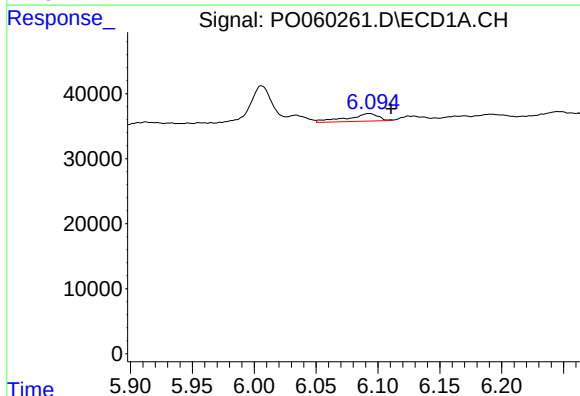
R.T.: 6.170 min
Delta R.T.: -0.008 min
Response: 5242
Conc: 2.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



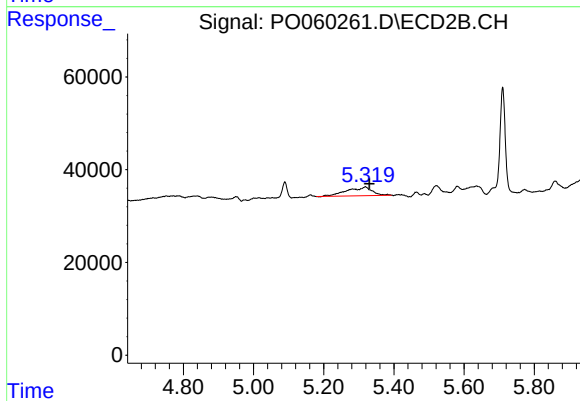
#25 AR-1248-5

R.T.: 5.319 min
Delta R.T.: -0.011 min
Response: 95512
Conc: 66.73 ng/ml



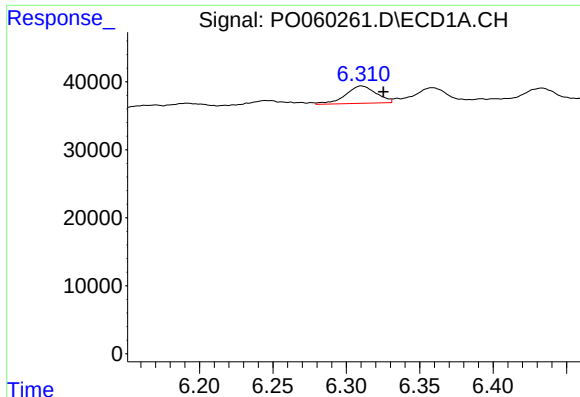
#26 AR-1254-1

R.T.: 6.093 min
Delta R.T.: -0.018 min
Response: 20175
Conc: 9.67 ng/ml



#26 AR-1254-1

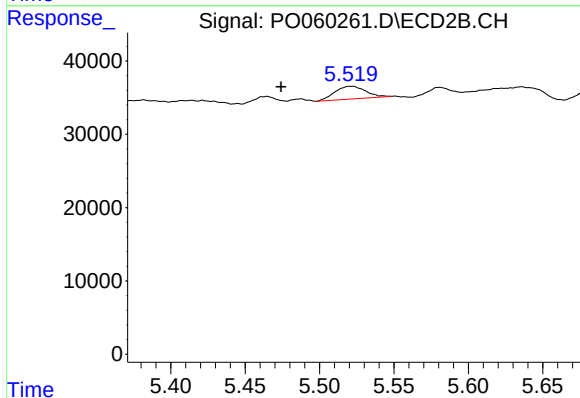
R.T.: 5.319 min
Delta R.T.: -0.011 min
Response: 95512
Conc: 40.27 ng/ml



#27 AR-1254-2

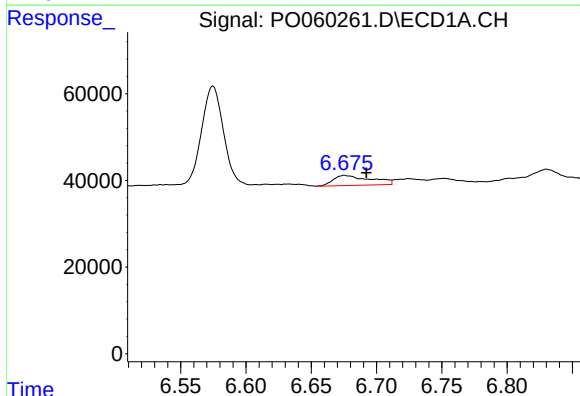
R.T.: 6.310 min
Delta R.T.: -0.015 min
Response: 37127
Conc: 11.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



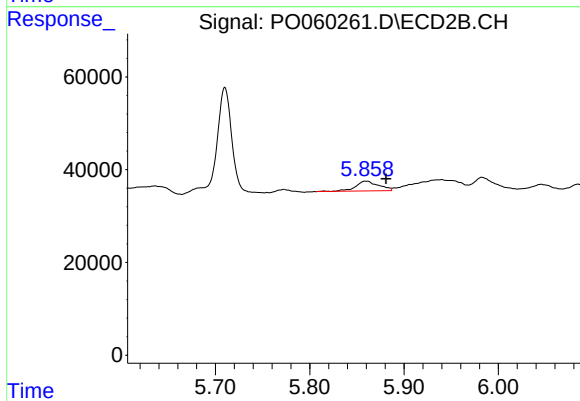
#27 AR-1254-2

R.T.: 5.521 min
Delta R.T.: 0.047 min
Response: 24732
Conc: 11.79 ng/ml



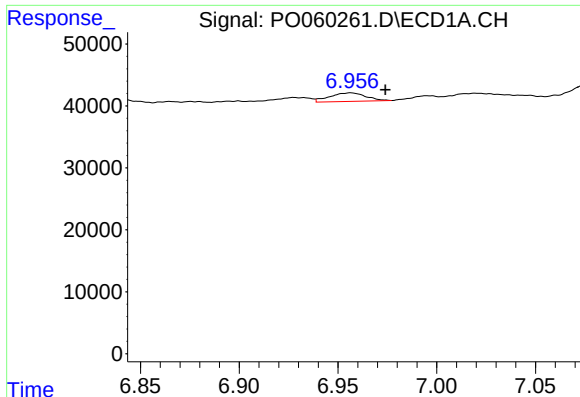
#28 AR-1254-3

R.T.: 6.675 min
Delta R.T.: -0.017 min
Response: 46734
Conc: 13.17 ng/ml



#28 AR-1254-3

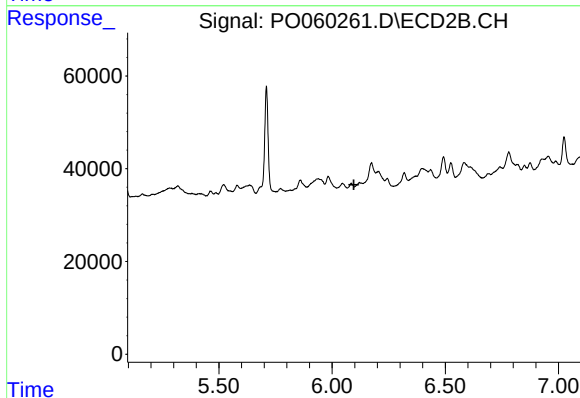
R.T.: 5.860 min
Delta R.T.: -0.021 min
Response: 35820
Conc: 10.65 ng/ml



#29 AR-1254-4

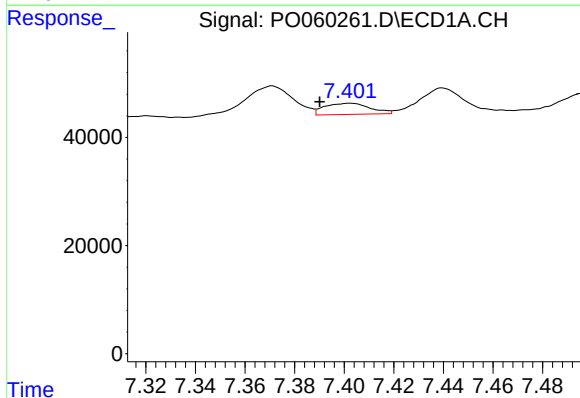
R.T.: 6.956 min
Delta R.T.: -0.018 min
Response: 17866
Conc: 6.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



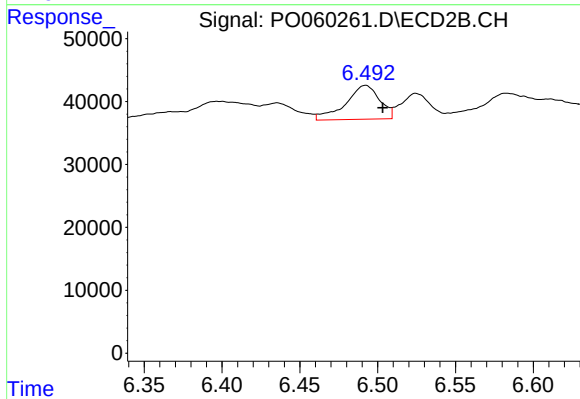
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



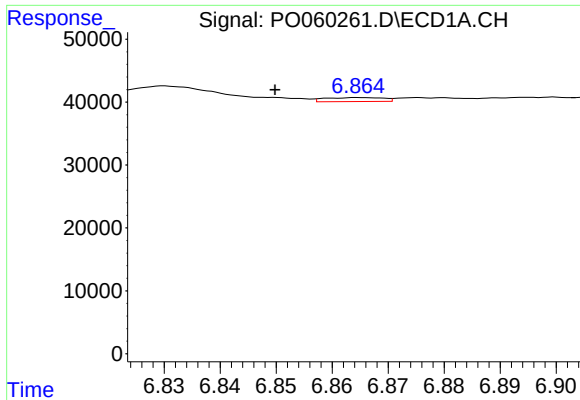
#30 AR-1254-5

R.T.: 7.402 min
Delta R.T.: 0.012 min
Response: 26320
Conc: 8.51 ng/ml



#30 AR-1254-5

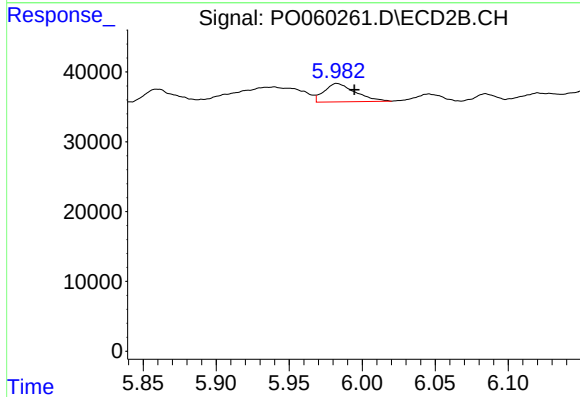
R.T.: 6.492 min
Delta R.T.: -0.011 min
Response: 82029
Conc: 26.42 ng/ml



#31 AR-1260-1

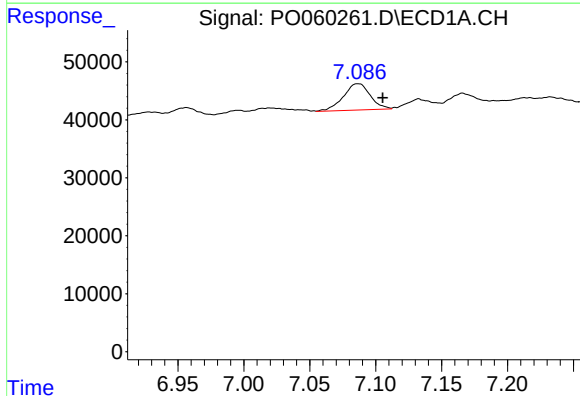
R.T.: 6.865 min
Delta R.T.: 0.015 min
Response: 4596
Conc: 1.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



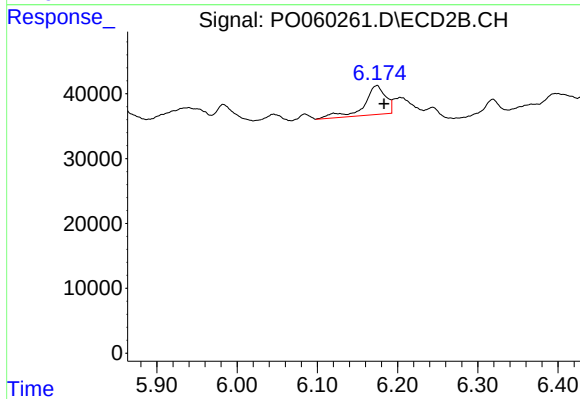
#31 AR-1260-1

R.T.: 5.983 min
Delta R.T.: -0.012 min
Response: 39010
Conc: 17.12 ng/ml



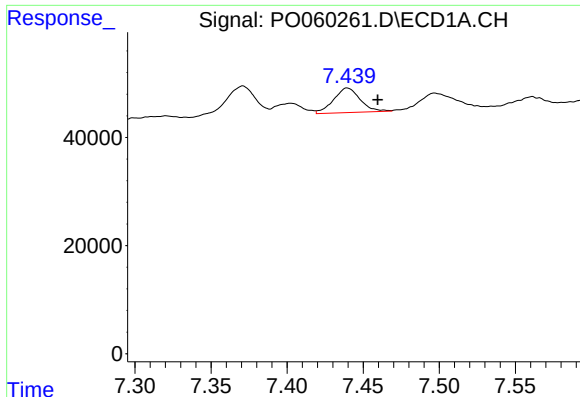
#32 AR-1260-2

R.T.: 7.087 min
Delta R.T.: -0.019 min
Response: 64675
Conc: 17.43 ng/ml



#32 AR-1260-2

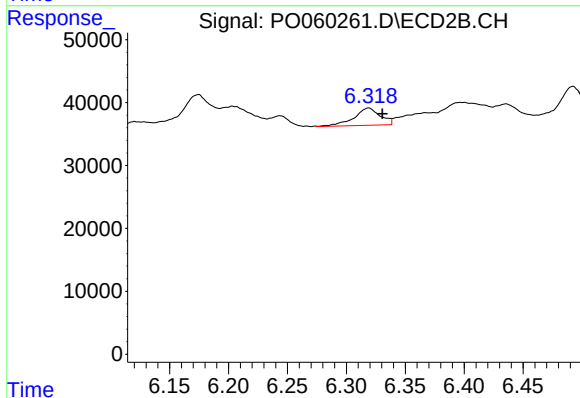
R.T.: 6.174 min
Delta R.T.: -0.009 min
Response: 83495
Conc: 28.50 ng/ml



#33 AR-1260-3

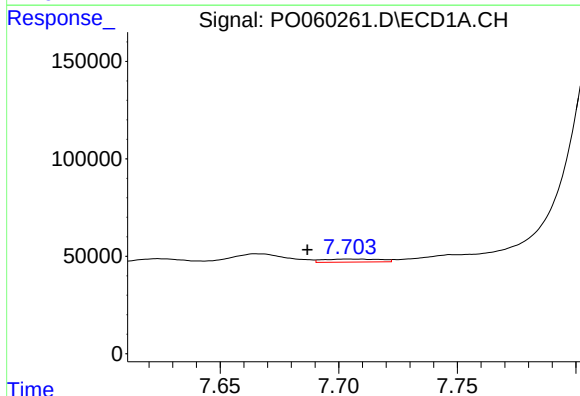
R.T.: 7.440 min
Delta R.T.: -0.020 min
Response: 55185
Conc: 16.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



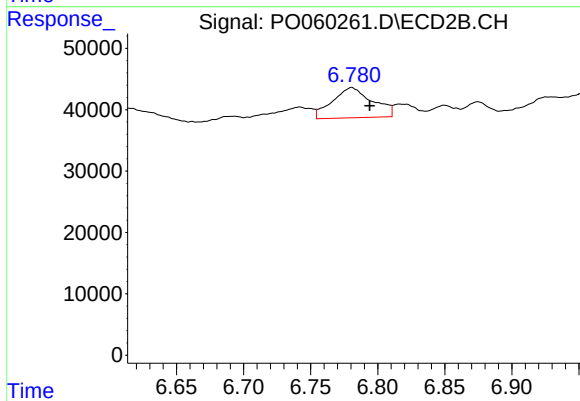
#33 AR-1260-3

R.T.: 6.319 min
Delta R.T.: -0.012 min
Response: 43178
Conc: 16.30 ng/ml



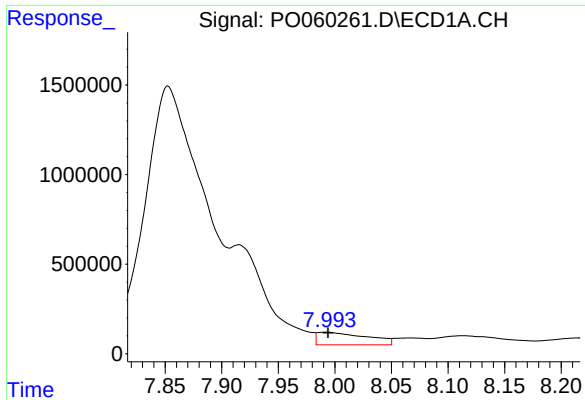
#34 AR-1260-4

R.T.: 7.704 min
Delta R.T.: 0.017 min
Response: 25818
Conc: 8.41 ng/ml



#34 AR-1260-4

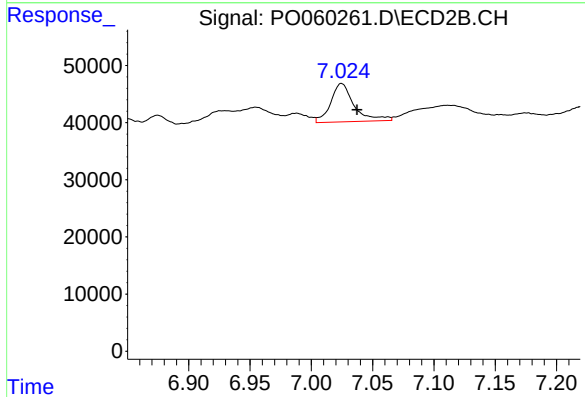
R.T.: 6.781 min
Delta R.T.: -0.014 min
Response: 102102
Conc: 45.13 ng/ml



#35 AR-1260-5

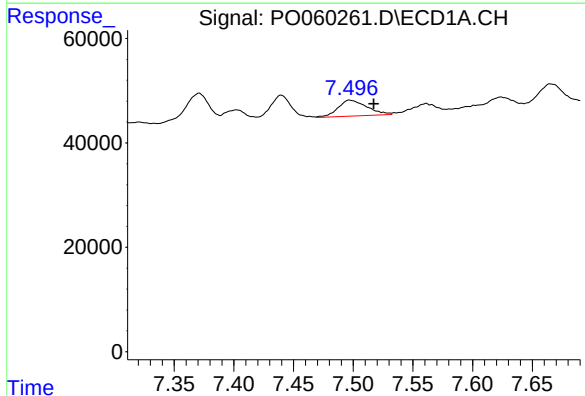
R.T.: 7.993 min
Delta R.T.: -0.001 min
Response: 2140894
Conc: 302.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



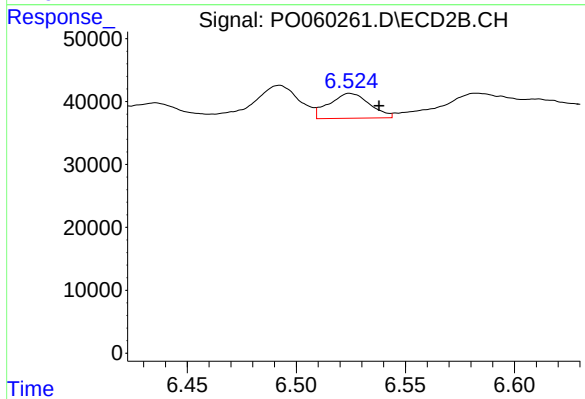
#35 AR-1260-5

R.T.: 7.025 min
Delta R.T.: -0.013 min
Response: 89517
Conc: 16.27 ng/ml



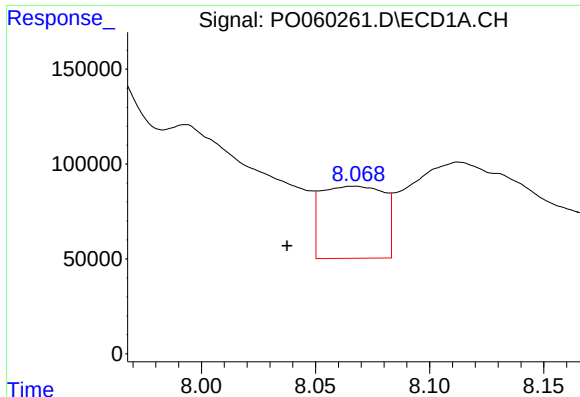
#36 AR-1262-1

R.T.: 7.497 min
Delta R.T.: -0.020 min
Response: 51301
Conc: 10.57 ng/ml



#36 AR-1262-1

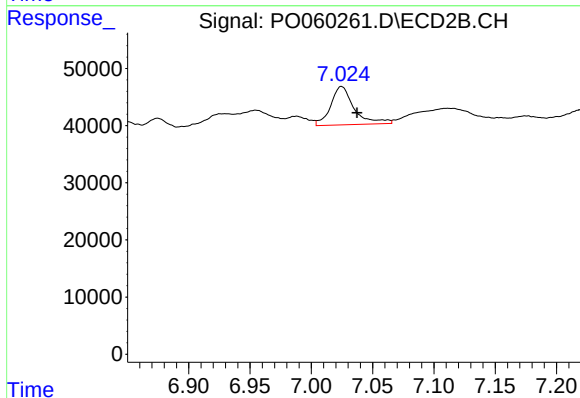
R.T.: 6.525 min
Delta R.T.: -0.013 min
Response: 51220
Conc: 13.74 ng/ml



#37 AR-1262-2

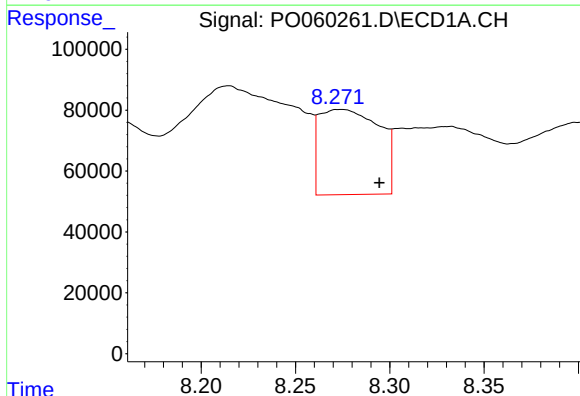
R.T.: 8.067 min
Delta R.T.: 0.029 min
Response: 726502
Conc: 94.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



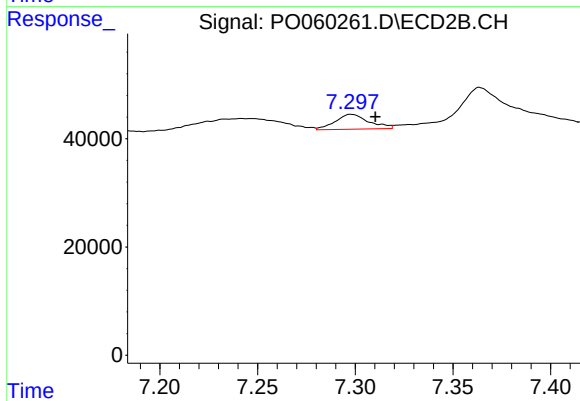
#37 AR-1262-2

R.T.: 7.025 min
Delta R.T.: -0.013 min
Response: 89517
Conc: 15.23 ng/ml



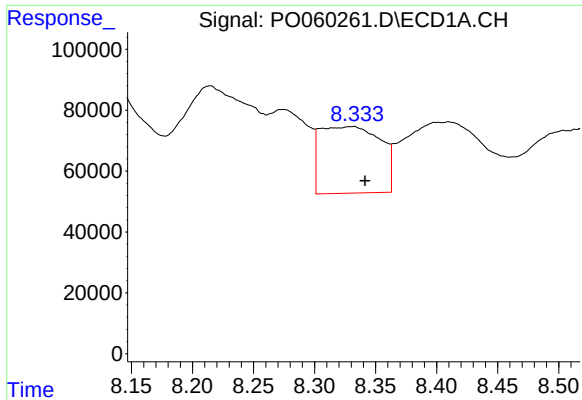
#38 AR-1262-3

R.T.: 8.274 min
Delta R.T.: -0.021 min
Response: 618629
Conc: 121.24 ng/ml



#38 AR-1262-3

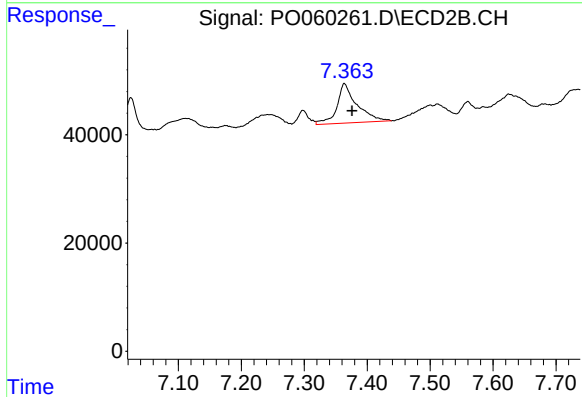
R.T.: 7.298 min
Delta R.T.: -0.012 min
Response: 33188
Conc: 13.06 ng/ml



#39 AR-1262-4

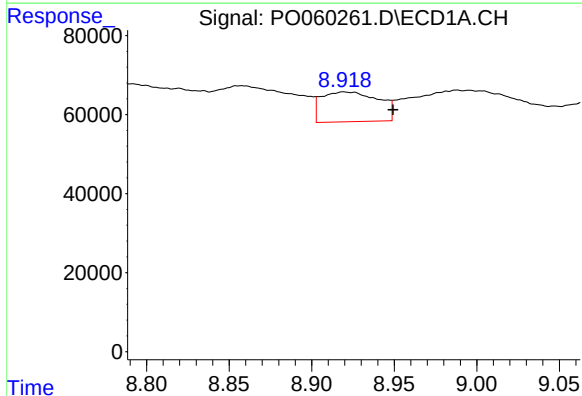
R.T.: 8.332 min
Delta R.T.: -0.009 min
Response: 752191
Conc: 195.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



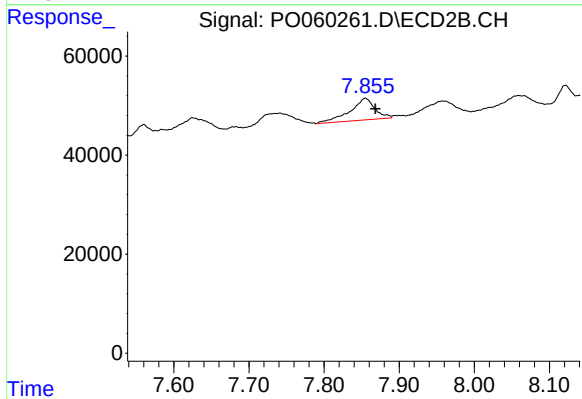
#39 AR-1262-4

R.T.: 7.364 min
Delta R.T.: -0.012 min
Response: 161995
Conc: 36.66 ng/ml



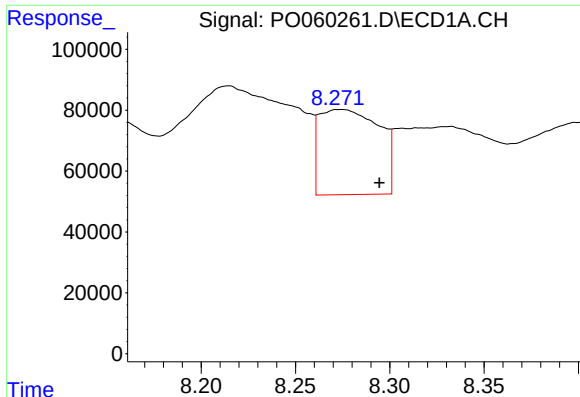
#40 AR-1262-5

R.T.: 8.919 min
Delta R.T.: -0.030 min
Response: 180678
Conc: 70.40 ng/ml



#40 AR-1262-5

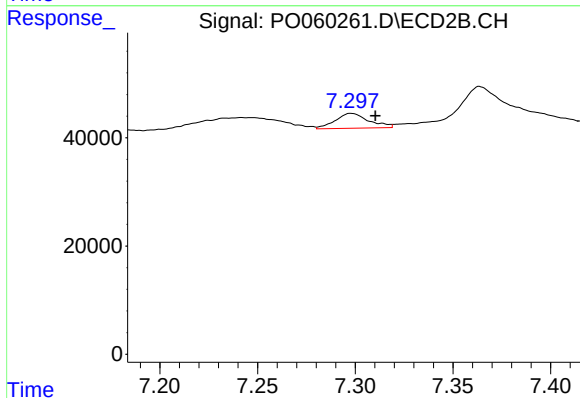
R.T.: 7.855 min
Delta R.T.: -0.013 min
Response: 100480
Conc: 55.65 ng/ml



#41 AR-1268-1

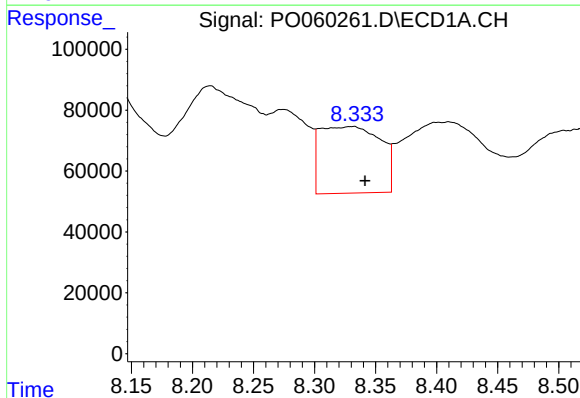
R.T.: 8.274 min
Delta R.T.: -0.021 min
Response: 618629
Conc: 65.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



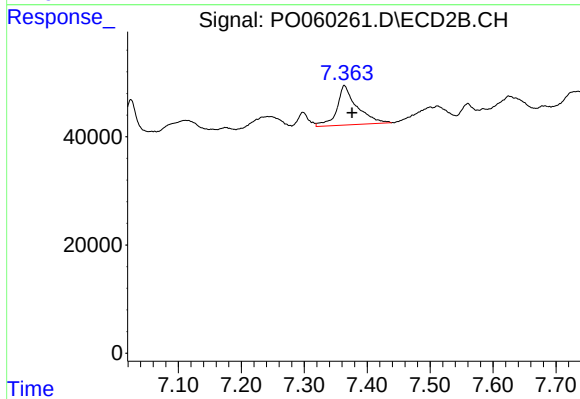
#41 AR-1268-1

R.T.: 7.298 min
Delta R.T.: -0.012 min
Response: 33188
Conc: 4.66 ng/ml



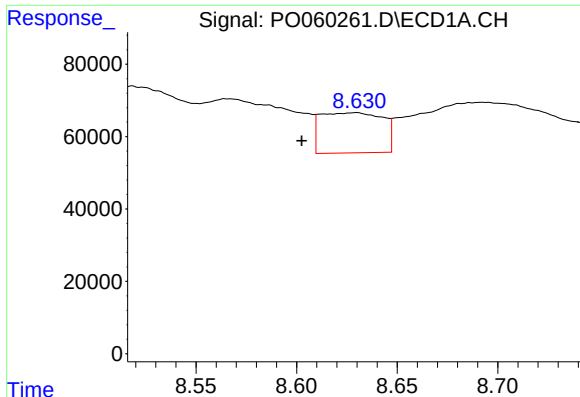
#42 AR-1268-2

R.T.: 8.332 min
Delta R.T.: -0.009 min
Response: 752191
Conc: 95.42 ng/ml



#42 AR-1268-2

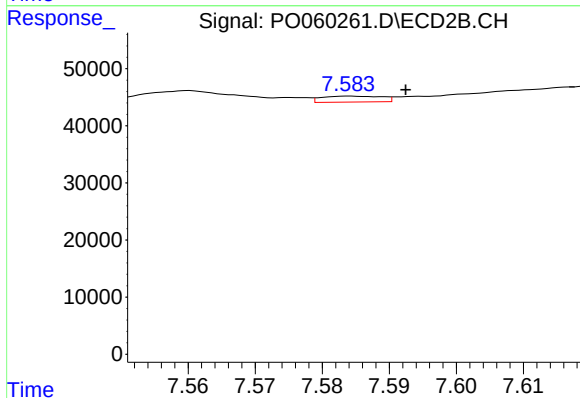
R.T.: 7.364 min
Delta R.T.: -0.012 min
Response: 161995
Conc: 25.12 ng/ml



#43 AR-1268-3

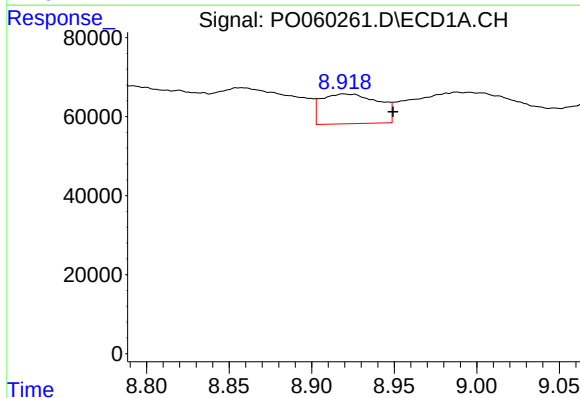
R.T.: 8.630 min
Delta R.T.: 0.027 min
Response: 239016
Conc: 33.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



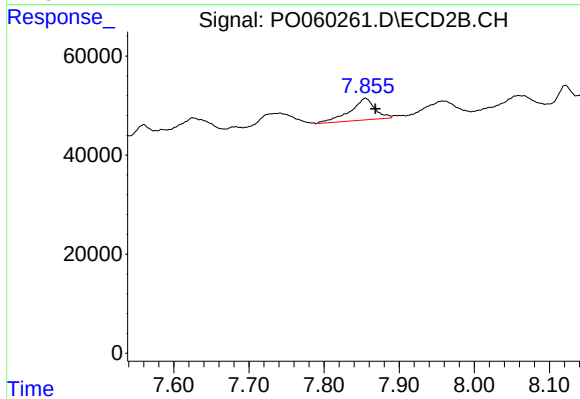
#43 AR-1268-3

R.T.: 7.584 min
Delta R.T.: -0.008 min
Response: 6475
Conc: 1.18 ng/ml



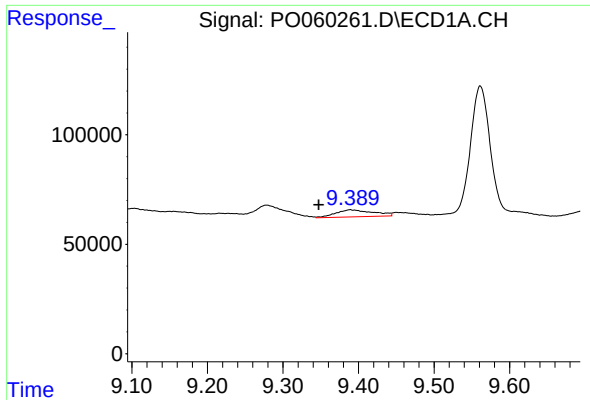
#44 AR-1268-4

R.T.: 8.919 min
Delta R.T.: -0.030 min
Response: 180678
Conc: 64.99 ng/ml



#44 AR-1268-4

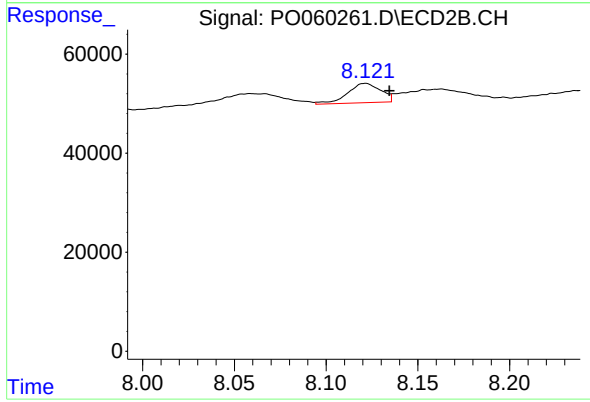
R.T.: 7.855 min
Delta R.T.: -0.013 min
Response: 100480
Conc: 49.22 ng/ml



#45 AR-1268-5

R.T.: 9.389 min
Delta R.T.: 0.041 min
Response: 111677
Conc: 6.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-5-(0-2)



#45 AR-1268-5

R.T.: 8.121 min
Delta R.T.: -0.013 min
Response: 48883
Conc: 3.36 ng/ml