

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092319\
 Data File : P0061300.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Sep 2019 3:20
 Operator : SM/AJ
 Sample : K5009-06 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HA-11

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:34:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 14 00:06:36 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...	4.371	3.531	179606	158473	4.882	5.676
2)	SA Decachlor...	10.038	8.406	221318	171051	4.817	4.880
Target Compounds							
3)	L1 AR-1016-1	5.560	4.583	7368	996	4.610	0.806 #
4)	L1 AR-1016-2	5.560	4.583	7368	996	3.218	0.586 #
5)	L1 AR-1016-3	5.560	4.814	7368	7314	5.132	7.544 #
6)	L1 AR-1016-4	5.718	4.814	7174	7314	6.082	8.935 #
7)	L1 AR-1016-5	6.008	5.019	7298	6604	5.822	6.305
10)	L2 AR-1221-3	4.757	3.901	11205	7761	10.579	9.350
11)	L3 AR-1232-1	4.757	3.901	11205	7761	9.603	8.516
12)	L3 AR-1232-2	0.000	4.583	0	996	N.D.	0.987 #
13)	L3 AR-1232-3	5.560	4.814	7368	7314	5.501	13.032 #
14)	L3 AR-1232-4	5.718	4.814	7174	7314	10.440	14.005 #
15)	L3 AR-1232-5	5.806	5.019	10591	6604	19.341	11.669 #
16)	L4 AR-1242-1	5.560	4.583	7368	996	6.174	1.095 #
17)	L4 AR-1242-2	5.560	4.583	7368	996	4.311	0.796 #
18)	L4 AR-1242-3	5.560	4.814	7368	7314	6.804	10.235 #
19)	L4 AR-1242-4	5.718	4.814	7174	7314	8.126	10.043
20)	L4 AR-1242-5	6.451	5.364	11193	22626	9.988	22.857 #
21)	L5 AR-1248-1	5.560	4.583	7368	996	8.004	1.405 #
22)	L5 AR-1248-2	5.806	4.814	10591	7314	7.920	7.570
23)	L5 AR-1248-3	6.008	4.814	7298	7314	4.822	7.262 #
24)	L5 AR-1248-4	6.414	5.019	12880	6604	7.070	5.499
25)	L5 AR-1248-5	6.451	5.404	11193	4956	6.398	3.920 #
26)	L6 AR-1254-1	6.386	5.364	22505	22626	11.681	10.979
27)	L6 AR-1254-2	6.603	5.507	43047	25510	13.679	13.518
28)	L6 AR-1254-3	6.978	5.902	203865	47788	57.884	15.030 #
29)	L6 AR-1254-4	7.255	6.126	51729	29787	19.109	14.307 #
30)	L6 AR-1254-5	7.672	6.536	64242	69536	21.786	21.971
31)	L7 AR-1260-1	7.132	6.030	28944	33646	11.889	15.996 #
32)	L7 AR-1260-2	7.388	6.199	54589	150309	18.056	58.271 #
33)	L7 AR-1260-3	7.745	6.364	33041	31890	13.845	13.243
34)	L7 AR-1260-4	7.968	6.829	67320	36232	24.063	16.929 #
35)	L7 AR-1260-5	8.284	7.068	79260	29982	14.556	6.204 #
36)	L8 AR-1262-1	7.745	6.574	33041	15541	9.354	5.203 #
37)	L8 AR-1262-2	8.284	7.068	79260	29982	12.713	5.766 #
38)	L8 AR-1262-3	8.603	7.350	40862	10930	9.590	5.150 #
39)	L8 AR-1262-4	8.655	7.409	31394	33410	9.629	8.747
40)	L8 AR-1262-5	9.316	7.899	10076	8374	4.955	5.003
41)	L9 AR-1268-1	8.603	7.350	40862	10930	5.536	1.865 #
42)	L9 AR-1268-2	8.655	7.409	31394	33410	4.647	6.268 #
43)	L9 AR-1268-3	0.000	7.552	0	5079	N.D.	1.146 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092319\
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 Acq On : 24 Sep 2019 3:20
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 Sample : K5009-06 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HA-11

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:34:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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
44) L9	AR-1268-4	9.316	7.899	10076	8374	4.368	4.382
45) L9	AR-1268-5	9.716	8.169	8317	5557	0.524	0.462

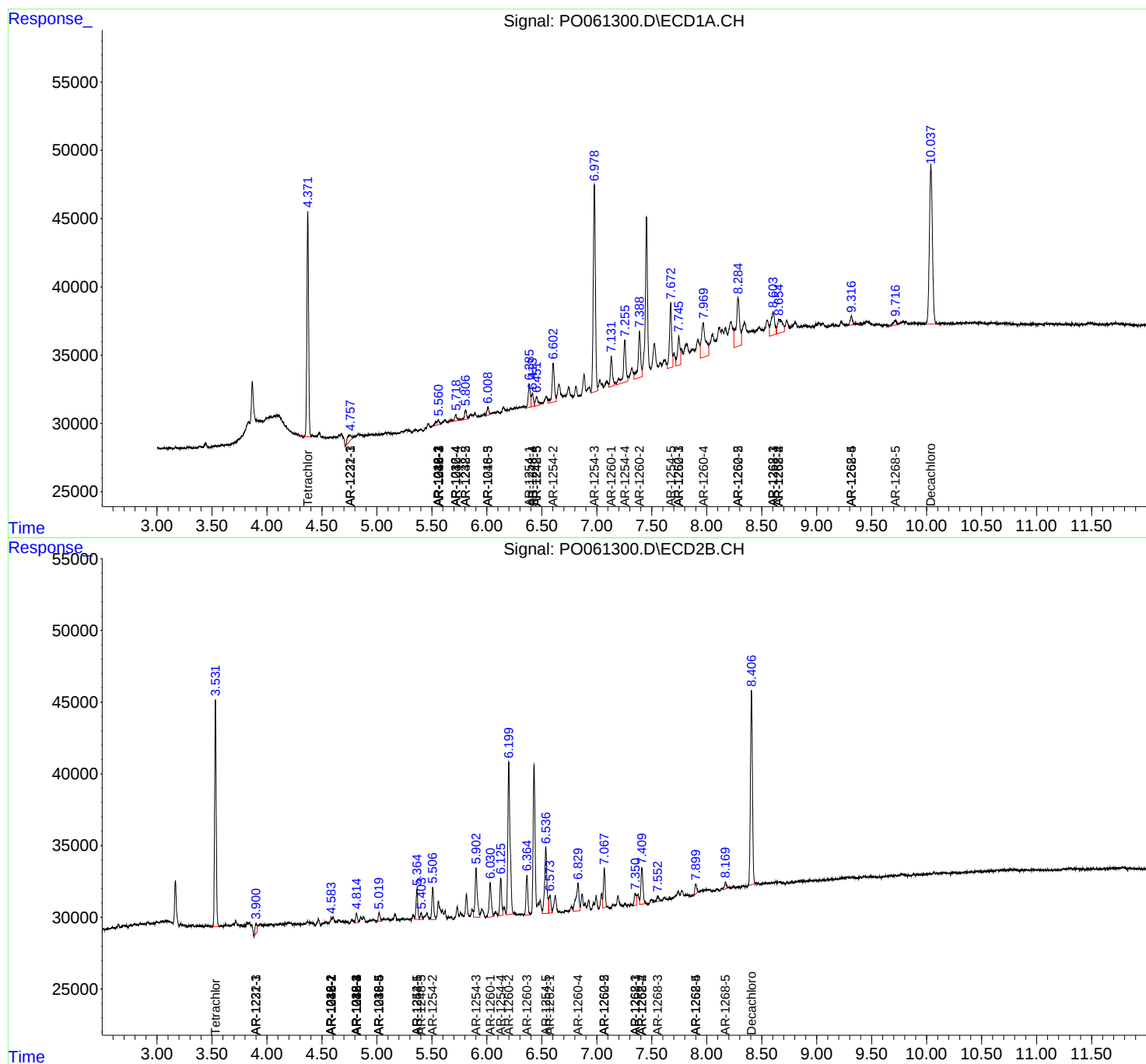
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

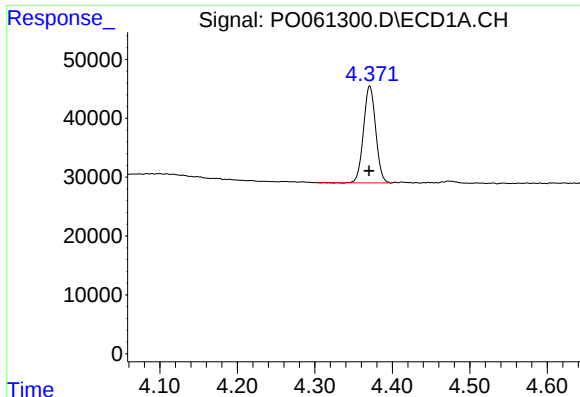
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092319\
Data File : PO061300.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Sep 2019 3:20
Operator : SM/AJ
Sample : K5009-06 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
HA-11

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:34:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091319.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 14 00:06:36 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

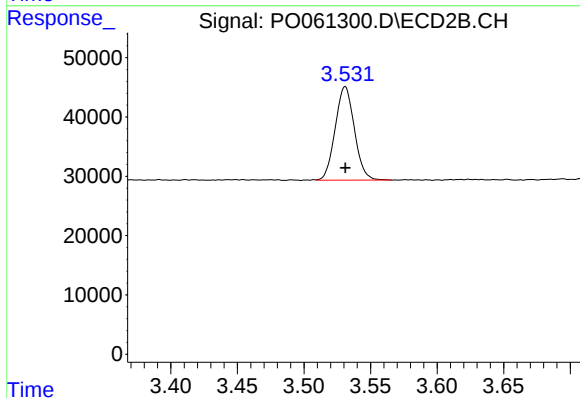




#1 Tetrachloro-m-xylene

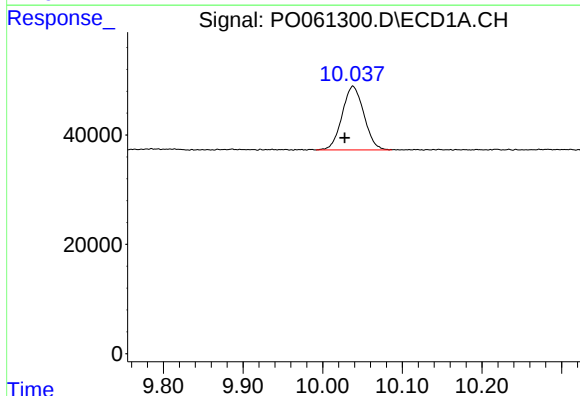
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 179606
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



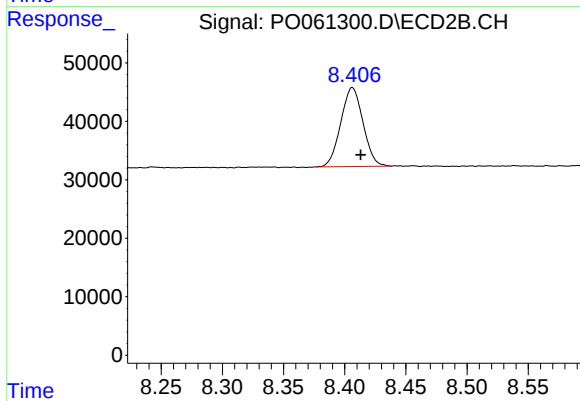
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: 0.000 min
Response: 158473
Conc: 5.68 ng/ml



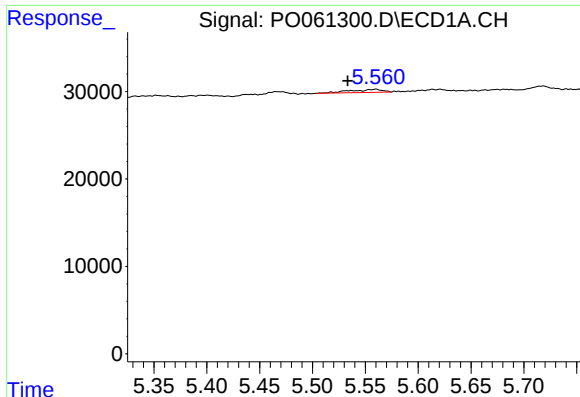
#2 Decachlorobiphenyl

R.T.: 10.038 min
Delta R.T.: 0.011 min
Response: 221318
Conc: 4.82 ng/ml



#2 Decachlorobiphenyl

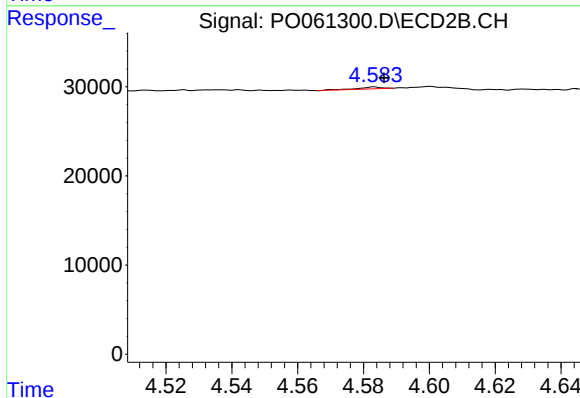
R.T.: 8.406 min
Delta R.T.: -0.007 min
Response: 171051
Conc: 4.88 ng/ml



#3 AR-1016-1

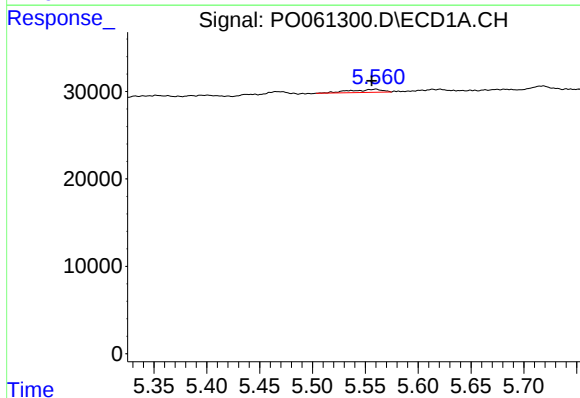
R.T.: 5.560 min
Delta R.T.: 0.026 min
Response: 7368
Conc: 4.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



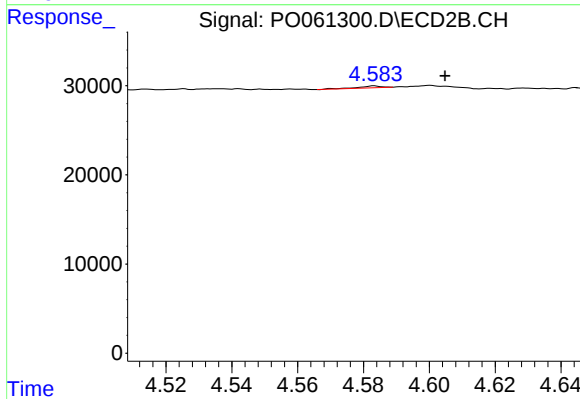
#3 AR-1016-1

R.T.: 4.583 min
Delta R.T.: -0.003 min
Response: 996
Conc: 0.81 ng/ml



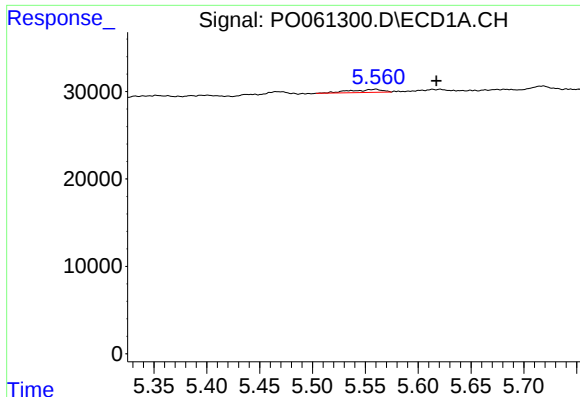
#4 AR-1016-2

R.T.: 5.560 min
Delta R.T.: 0.004 min
Response: 7368
Conc: 3.22 ng/ml



#4 AR-1016-2

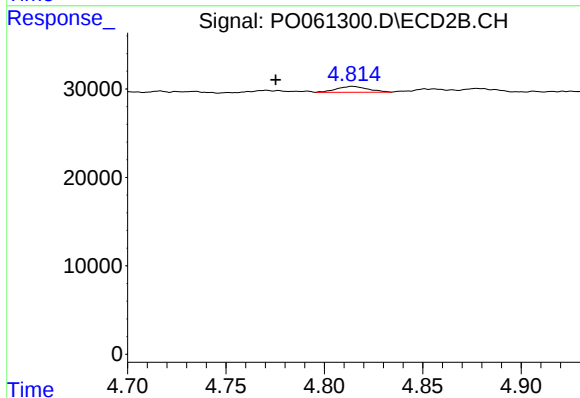
R.T.: 4.583 min
Delta R.T.: -0.022 min
Response: 996
Conc: 0.59 ng/ml



#5 AR-1016-3

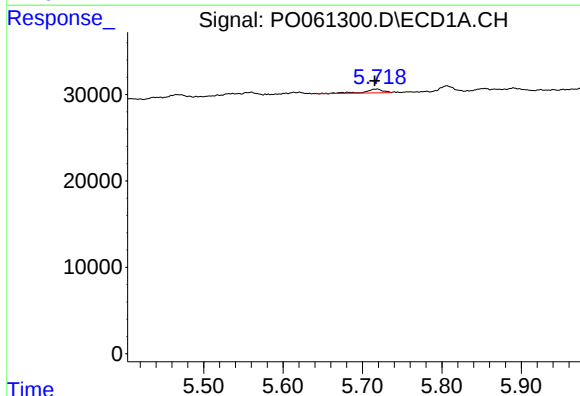
R.T.: 5.560 min
Delta R.T.: -0.057 min
Response: 7368
Conc: 5.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



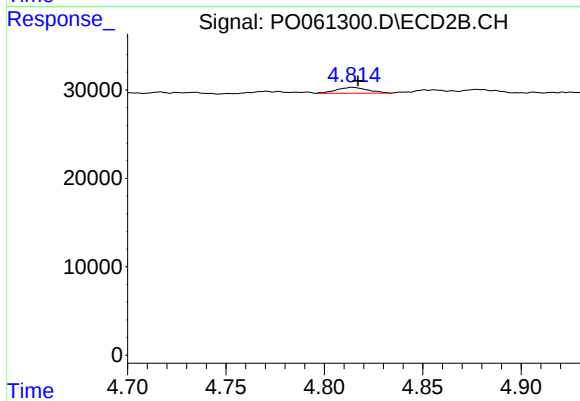
#5 AR-1016-3

R.T.: 4.814 min
Delta R.T.: 0.039 min
Response: 7314
Conc: 7.54 ng/ml



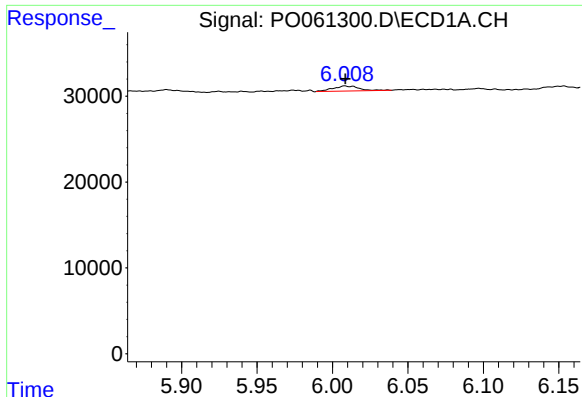
#6 AR-1016-4

R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 7174
Conc: 6.08 ng/ml



#6 AR-1016-4

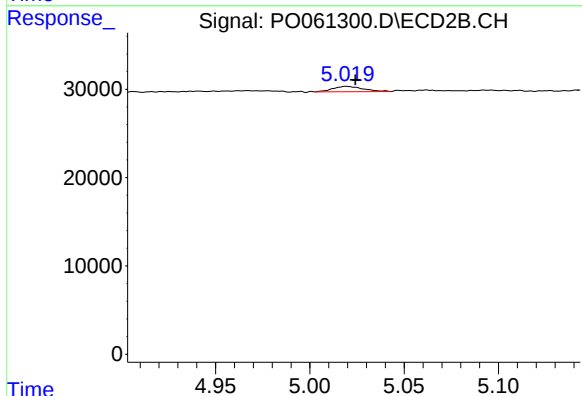
R.T.: 4.814 min
Delta R.T.: -0.003 min
Response: 7314
Conc: 8.94 ng/ml



#7 AR-1016-5

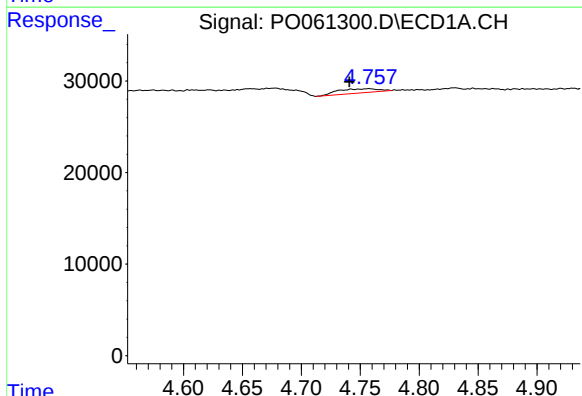
R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 7298
Conc: 5.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



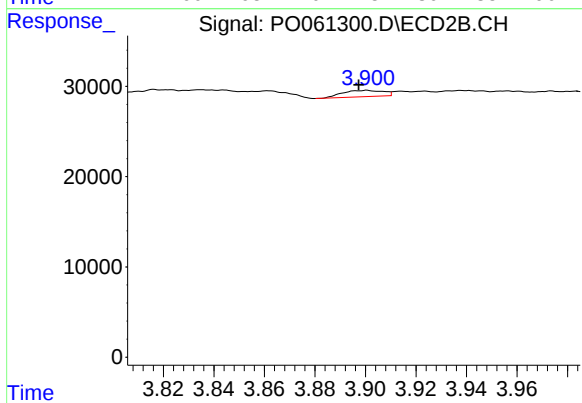
#7 AR-1016-5

R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 6604
Conc: 6.31 ng/ml



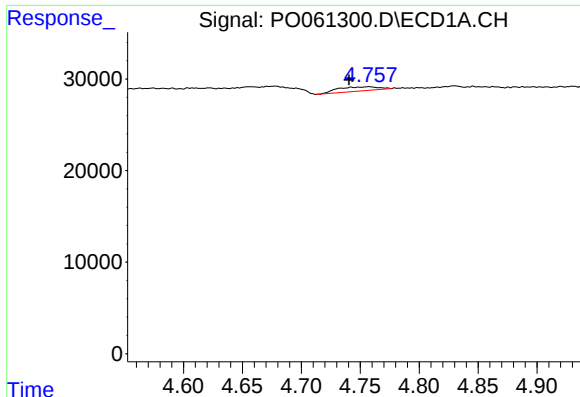
#10 AR-1221-3

R.T.: 4.757 min
Delta R.T.: 0.017 min
Response: 11205
Conc: 10.58 ng/ml



#10 AR-1221-3

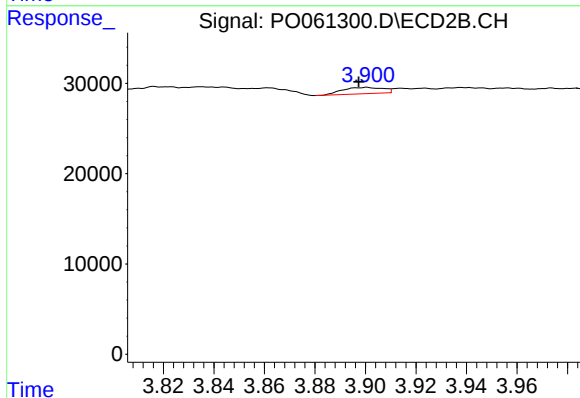
R.T.: 3.901 min
Delta R.T.: 0.003 min
Response: 7761
Conc: 9.35 ng/ml



#11 AR-1232-1

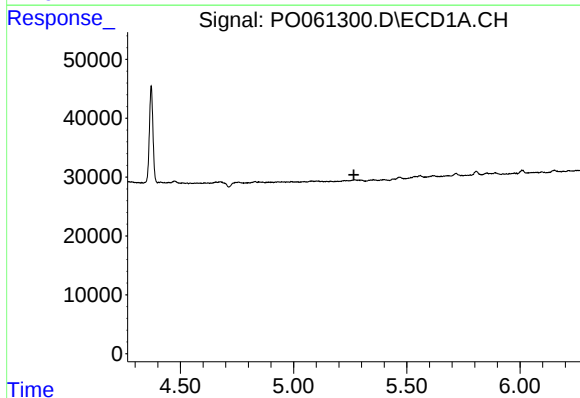
R.T.: 4.757 min
Delta R.T.: 0.017 min
Response: 11205
Conc: 9.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



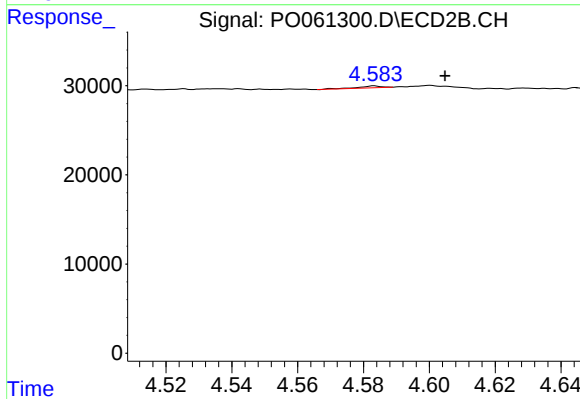
#11 AR-1232-1

R.T.: 3.901 min
Delta R.T.: 0.003 min
Response: 7761
Conc: 8.52 ng/ml



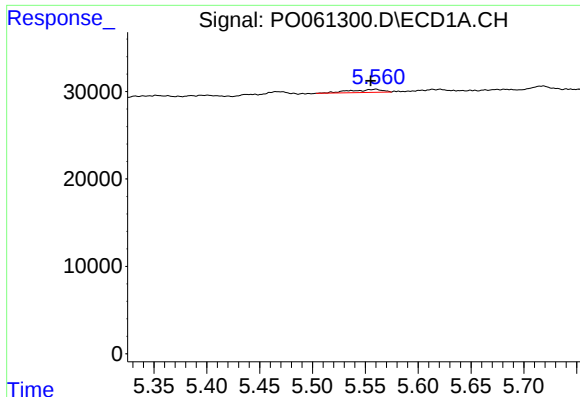
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.266 min
Response: 0
Conc: N.D.



#12 AR-1232-2

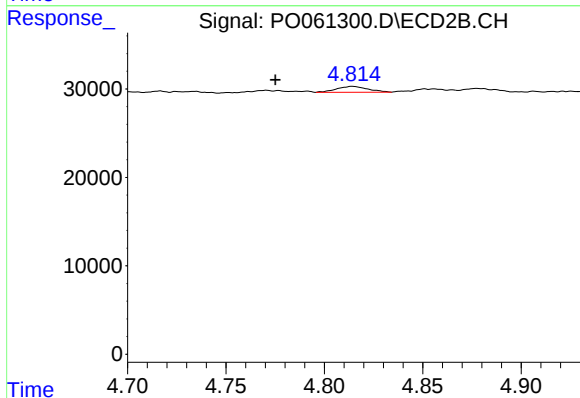
R.T.: 4.583 min
Delta R.T.: -0.021 min
Response: 996
Conc: 0.99 ng/ml



#13 AR-1232-3

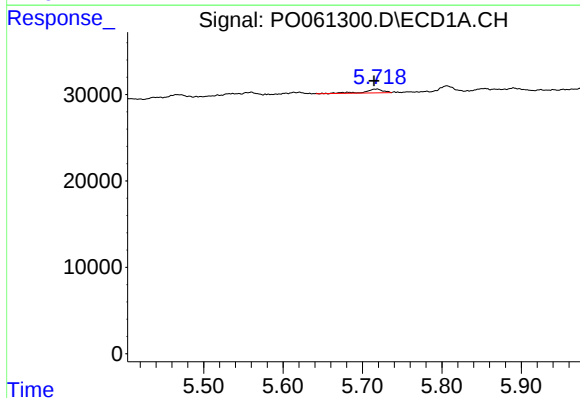
R.T.: 5.560 min
Delta R.T.: 0.005 min
Response: 7368
Conc: 5.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



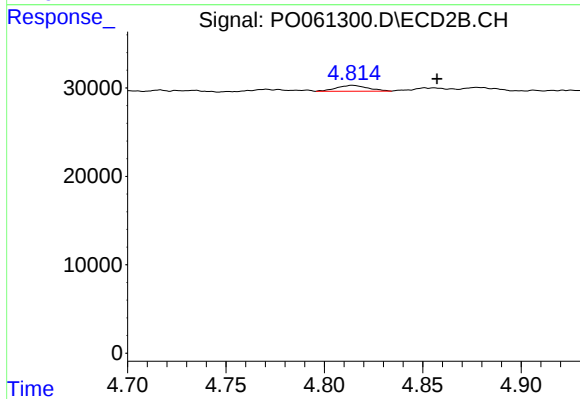
#13 AR-1232-3

R.T.: 4.814 min
Delta R.T.: 0.039 min
Response: 7314
Conc: 13.03 ng/ml



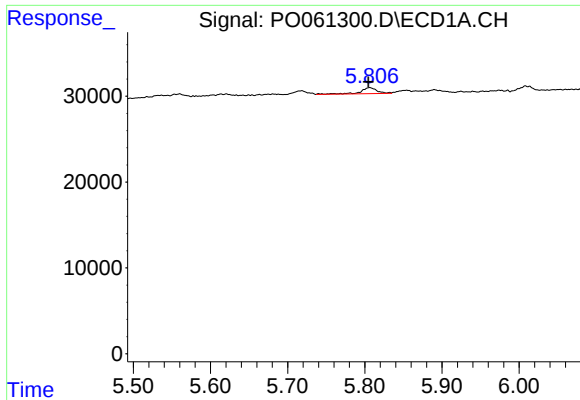
#14 AR-1232-4

R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 7174
Conc: 10.44 ng/ml



#14 AR-1232-4

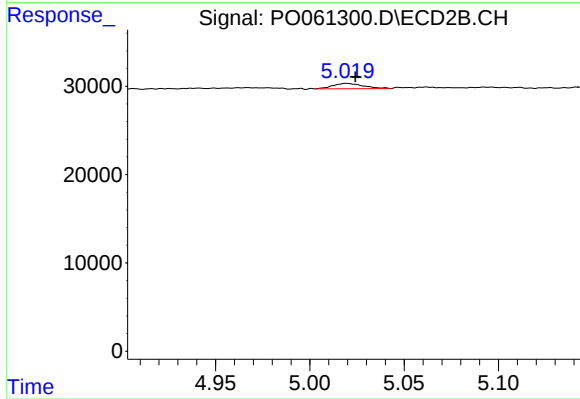
R.T.: 4.814 min
Delta R.T.: -0.043 min
Response: 7314
Conc: 14.01 ng/ml



#15 AR-1232-5

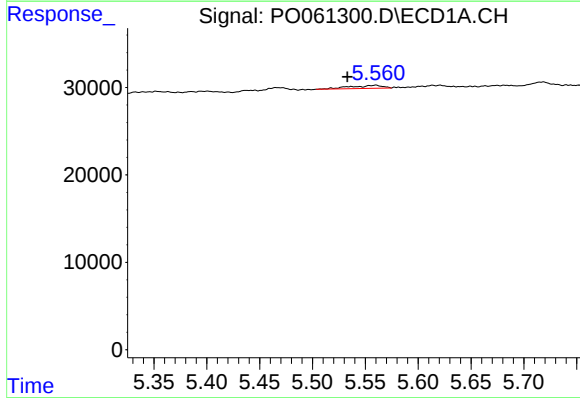
R.T.: 5.806 min
Delta R.T.: 0.002 min
Response: 10591
Conc: 19.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



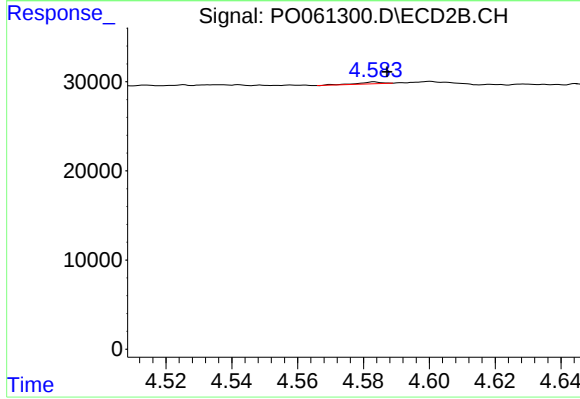
#15 AR-1232-5

R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 6604
Conc: 11.67 ng/ml



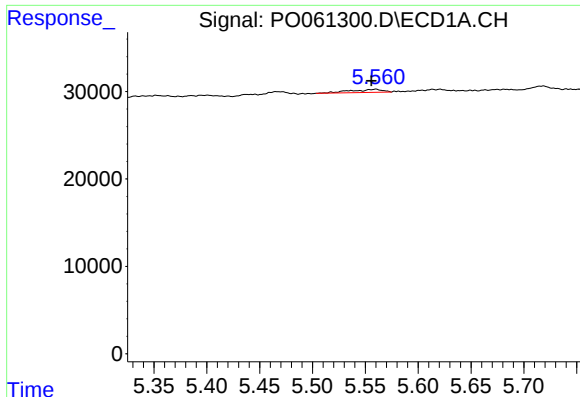
#16 AR-1242-1

R.T.: 5.560 min
Delta R.T.: 0.027 min
Response: 7368
Conc: 6.17 ng/ml



#16 AR-1242-1

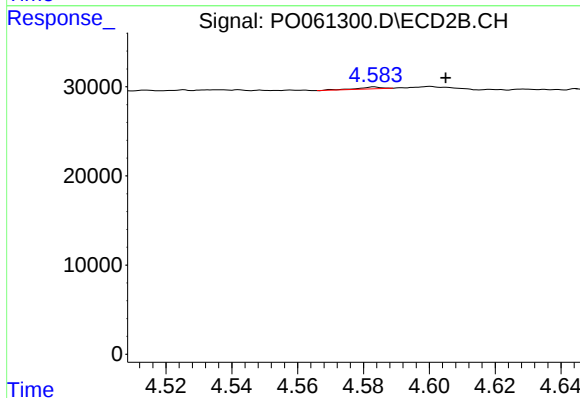
R.T.: 4.583 min
Delta R.T.: -0.004 min
Response: 996
Conc: 1.09 ng/ml



#17 AR-1242-2

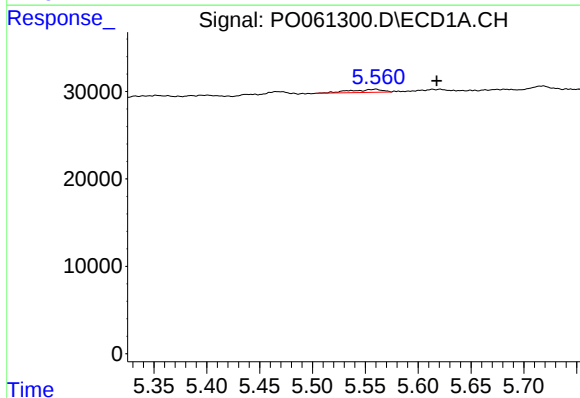
R.T.: 5.560 min
Delta R.T.: 0.004 min
Response: 7368
Conc: 4.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



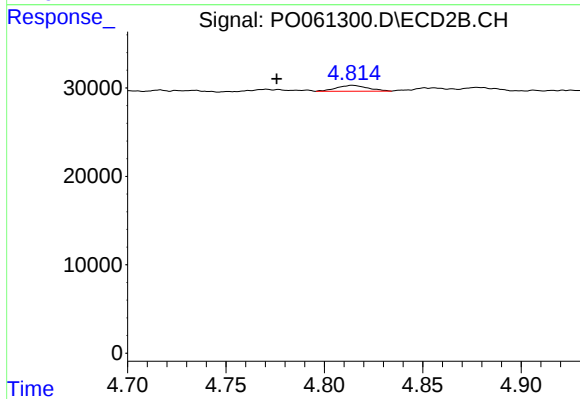
#17 AR-1242-2

R.T.: 4.583 min
Delta R.T.: -0.022 min
Response: 996
Conc: 0.80 ng/ml



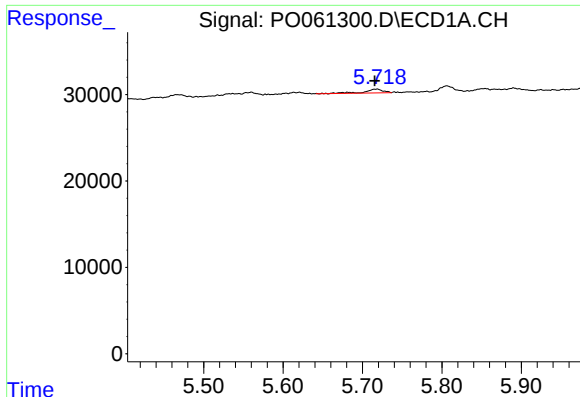
#18 AR-1242-3

R.T.: 5.560 min
Delta R.T.: -0.058 min
Response: 7368
Conc: 6.80 ng/ml



#18 AR-1242-3

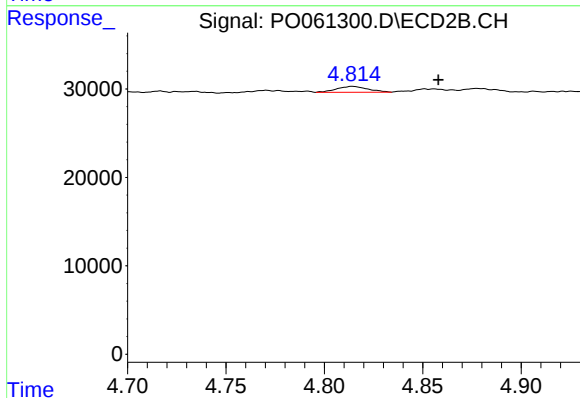
R.T.: 4.814 min
Delta R.T.: 0.038 min
Response: 7314
Conc: 10.24 ng/ml



#19 AR-1242-4

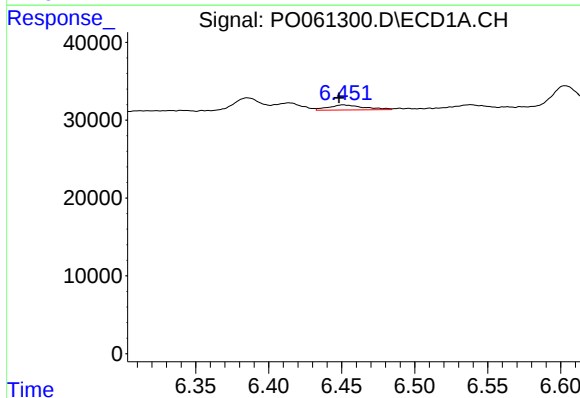
R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 7174
Conc: 8.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



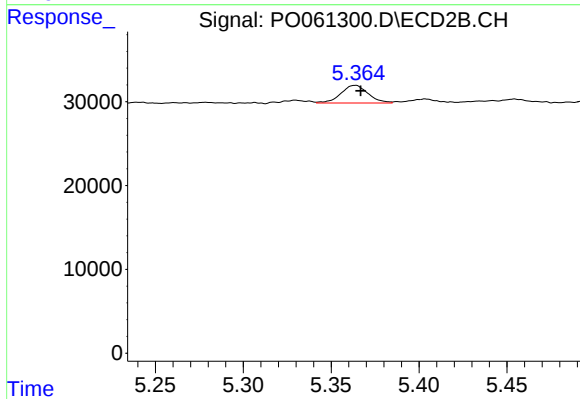
#19 AR-1242-4

R.T.: 4.814 min
Delta R.T.: -0.044 min
Response: 7314
Conc: 10.04 ng/ml



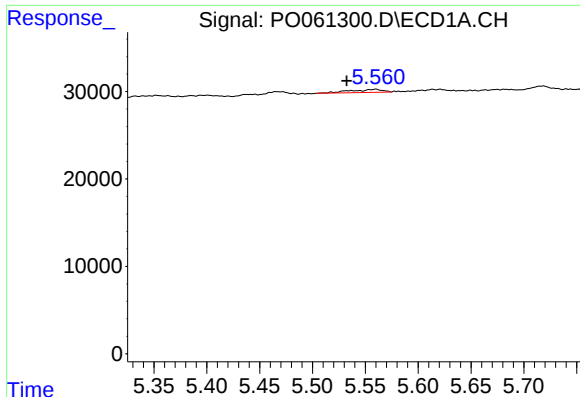
#20 AR-1242-5

R.T.: 6.451 min
Delta R.T.: 0.003 min
Response: 11193
Conc: 9.99 ng/ml



#20 AR-1242-5

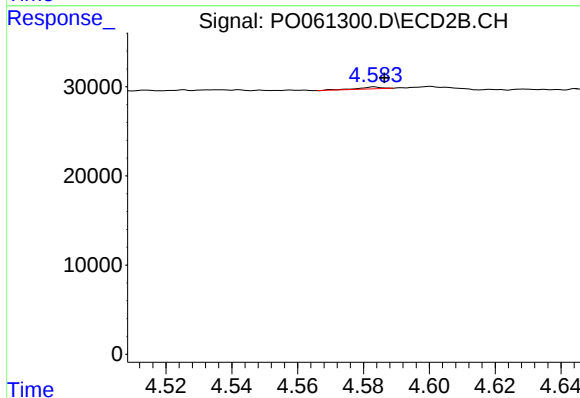
R.T.: 5.364 min
Delta R.T.: -0.003 min
Response: 22626
Conc: 22.86 ng/ml



#21 AR-1248-1

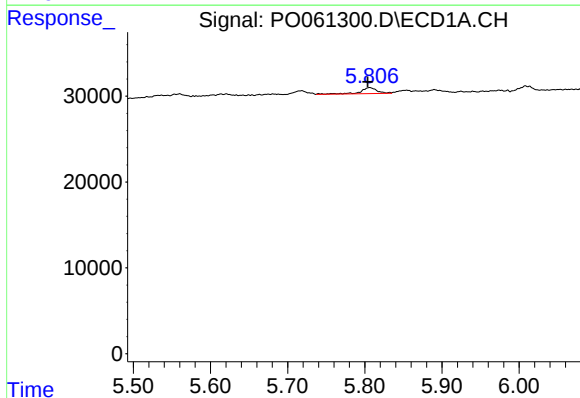
R.T.: 5.560 min
Delta R.T.: 0.027 min
Response: 7368
Conc: 8.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



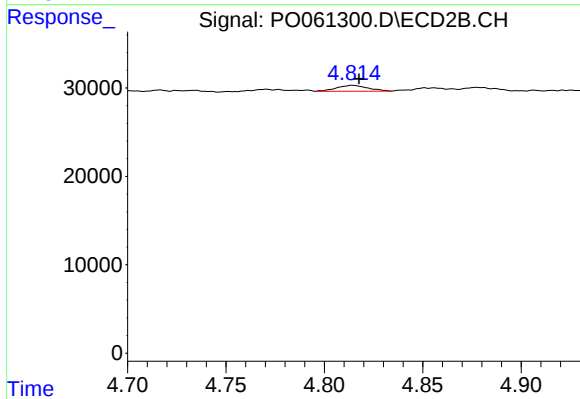
#21 AR-1248-1

R.T.: 4.583 min
Delta R.T.: -0.003 min
Response: 996
Conc: 1.40 ng/ml



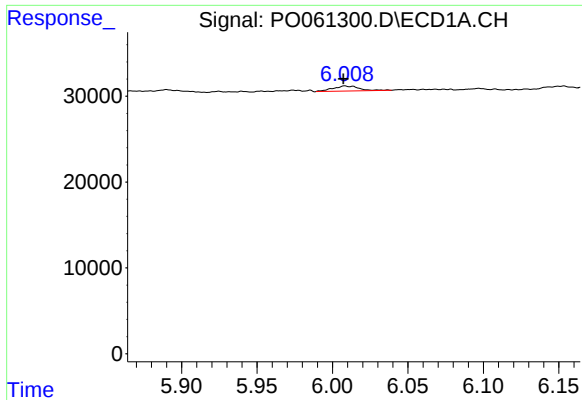
#22 AR-1248-2

R.T.: 5.806 min
Delta R.T.: 0.003 min
Response: 10591
Conc: 7.92 ng/ml



#22 AR-1248-2

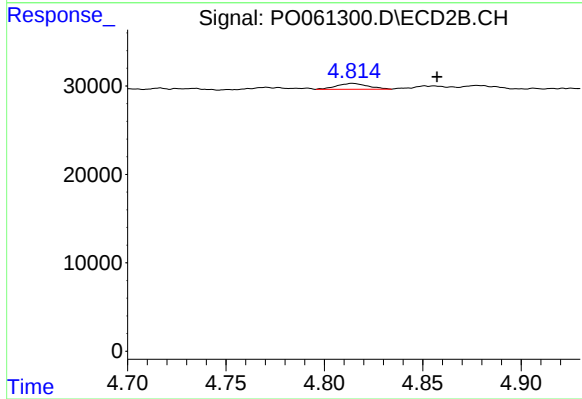
R.T.: 4.814 min
Delta R.T.: -0.003 min
Response: 7314
Conc: 7.57 ng/ml



#23 AR-1248-3

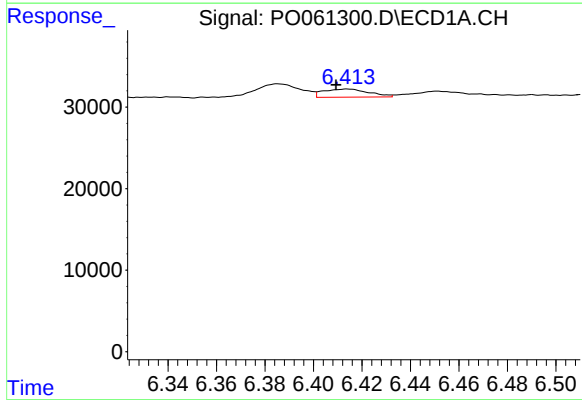
R.T.: 6.008 min
Delta R.T.: 0.001 min
Response: 7298
Conc: 4.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



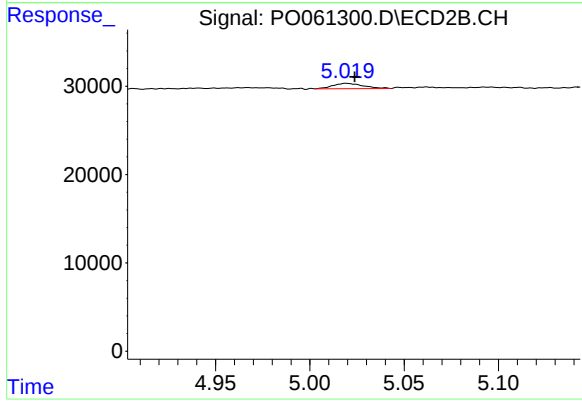
#23 AR-1248-3

R.T.: 4.814 min
Delta R.T.: -0.043 min
Response: 7314
Conc: 7.26 ng/ml



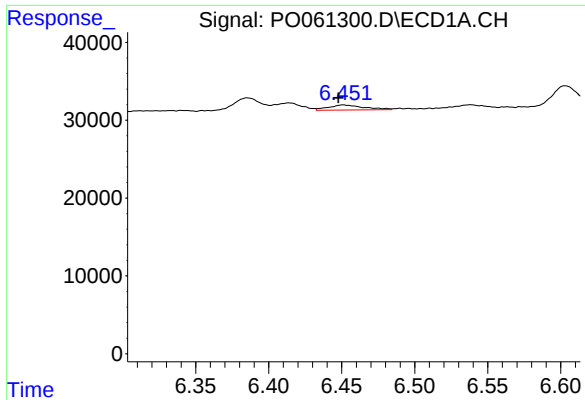
#24 AR-1248-4

R.T.: 6.414 min
Delta R.T.: 0.005 min
Response: 12880
Conc: 7.07 ng/ml



#24 AR-1248-4

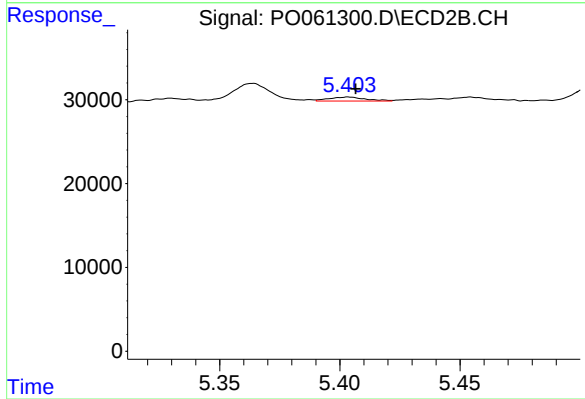
R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 6604
Conc: 5.50 ng/ml



#25 AR-1248-5

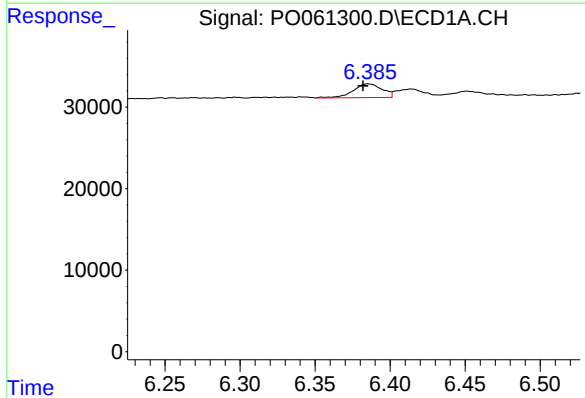
R.T.: 6.451 min
Delta R.T.: 0.003 min
Response: 11193
Conc: 6.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



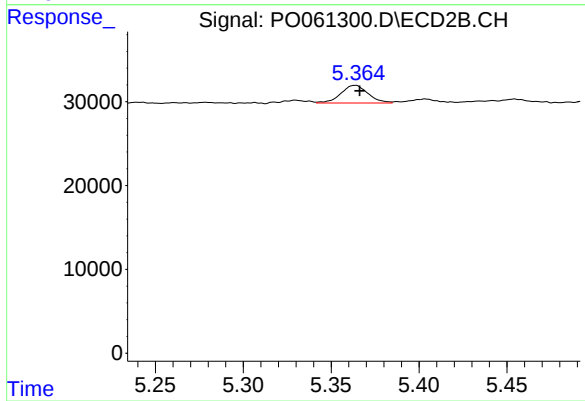
#25 AR-1248-5

R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 4956
Conc: 3.92 ng/ml



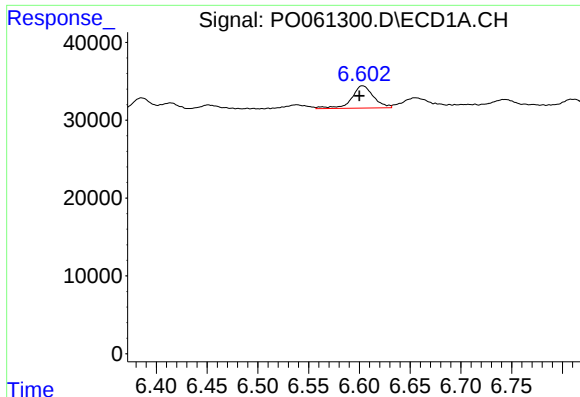
#26 AR-1254-1

R.T.: 6.386 min
Delta R.T.: 0.004 min
Response: 22505
Conc: 11.68 ng/ml



#26 AR-1254-1

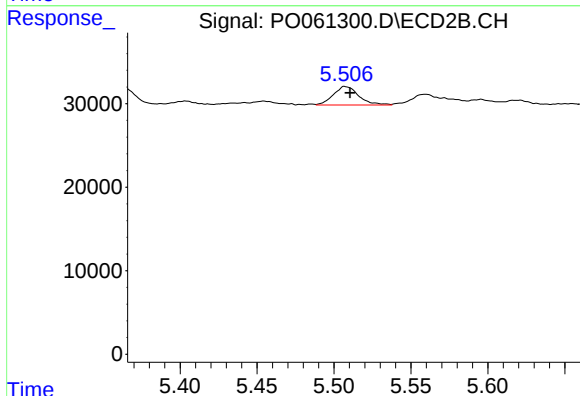
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 22626
Conc: 10.98 ng/ml



#27 AR-1254-2

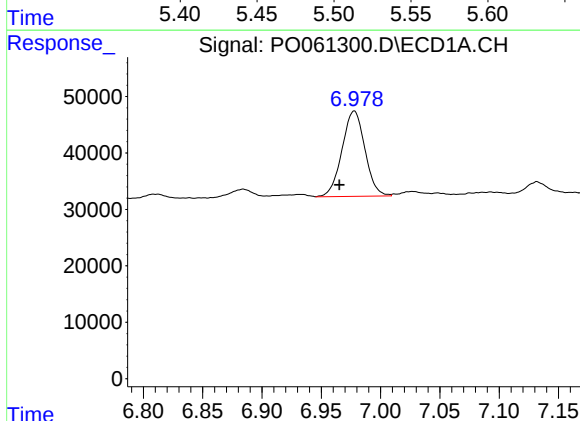
R.T.: 6.603 min
Delta R.T.: 0.003 min
Response: 43047
Conc: 13.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



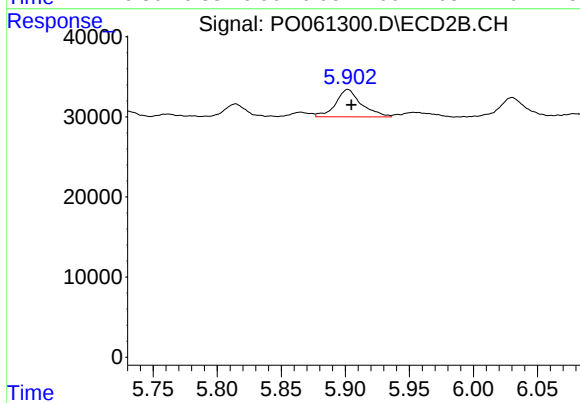
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 25510
Conc: 13.52 ng/ml



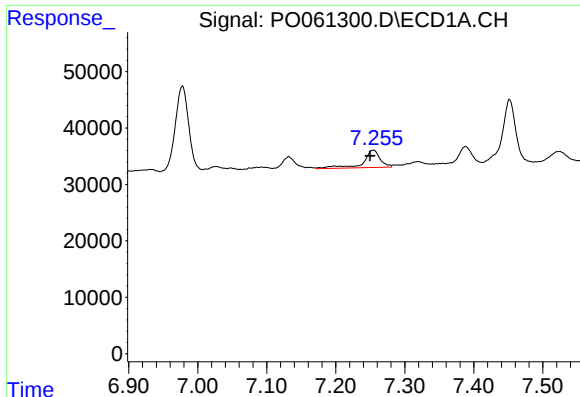
#28 AR-1254-3

R.T.: 6.978 min
Delta R.T.: 0.013 min
Response: 203865
Conc: 57.88 ng/ml



#28 AR-1254-3

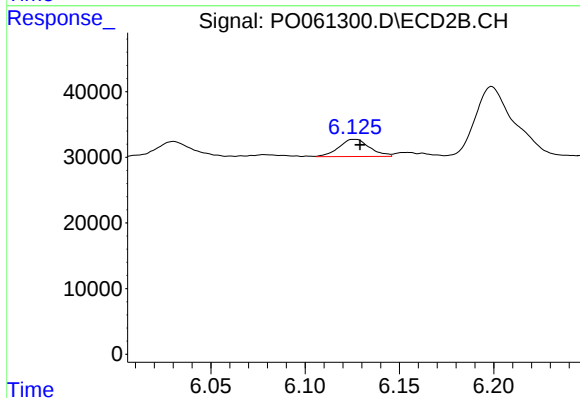
R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 47788
Conc: 15.03 ng/ml



#29 AR-1254-4

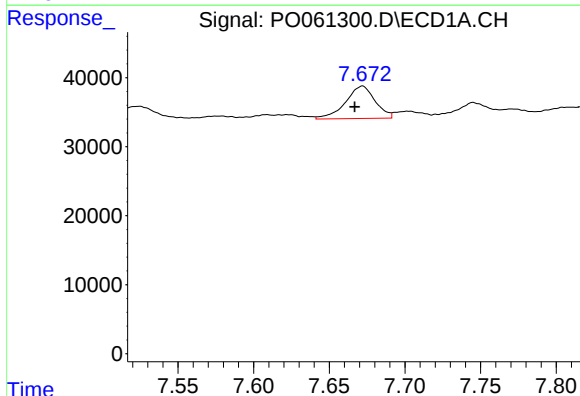
R.T.: 7.255 min
Delta R.T.: 0.005 min
Response: 51729
Conc: 19.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



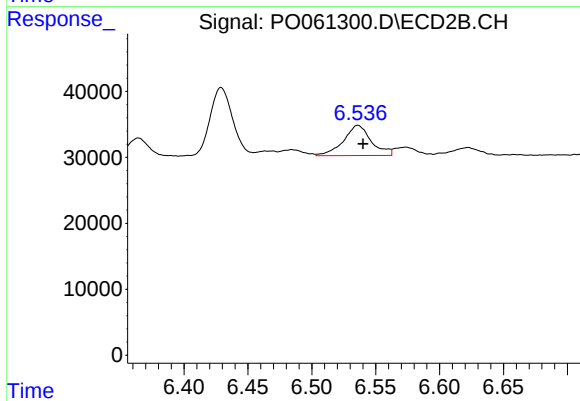
#29 AR-1254-4

R.T.: 6.126 min
Delta R.T.: -0.003 min
Response: 29787
Conc: 14.31 ng/ml



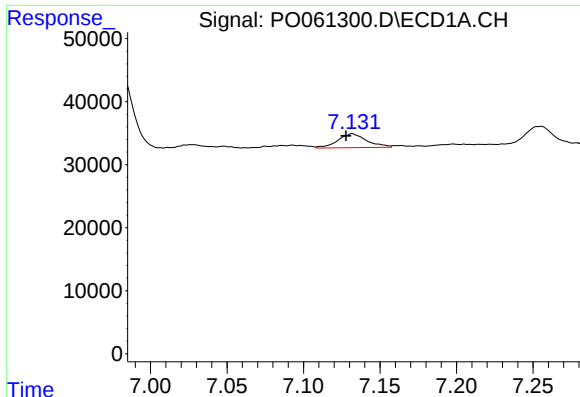
#30 AR-1254-5

R.T.: 7.672 min
Delta R.T.: 0.005 min
Response: 64242
Conc: 21.79 ng/ml



#30 AR-1254-5

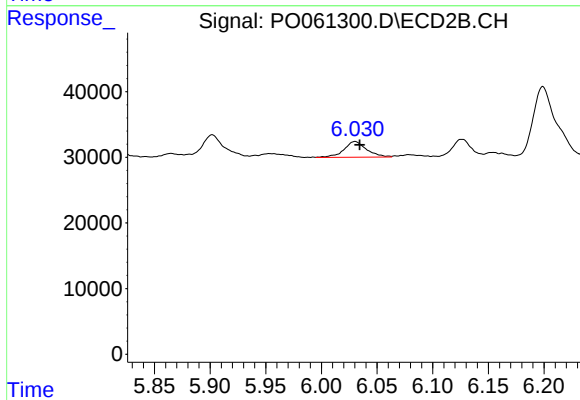
R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 69536
Conc: 21.97 ng/ml



#31 AR-1260-1

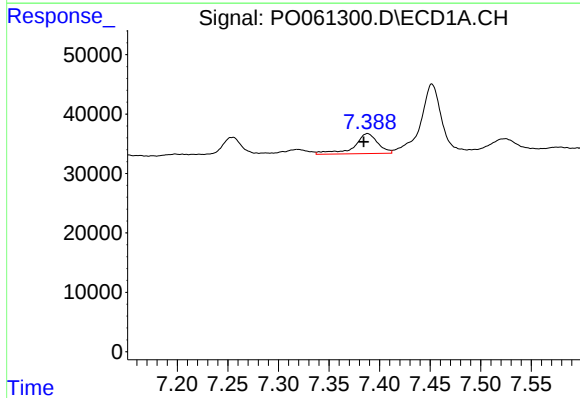
R.T.: 7.132 min
Delta R.T.: 0.004 min
Response: 28944
Conc: 11.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



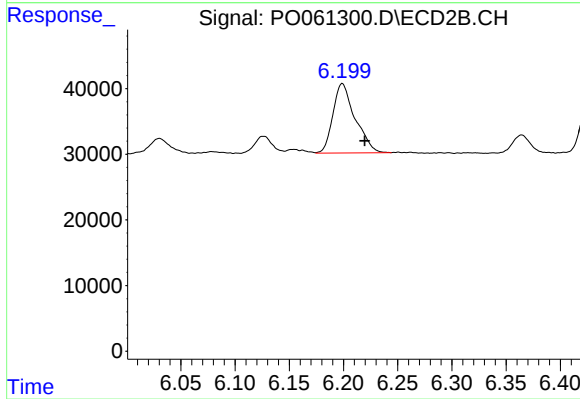
#31 AR-1260-1

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 33646
Conc: 16.00 ng/ml



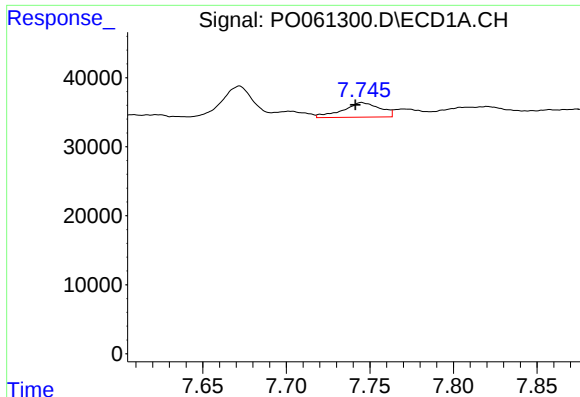
#32 AR-1260-2

R.T.: 7.388 min
Delta R.T.: 0.004 min
Response: 54589
Conc: 18.06 ng/ml



#32 AR-1260-2

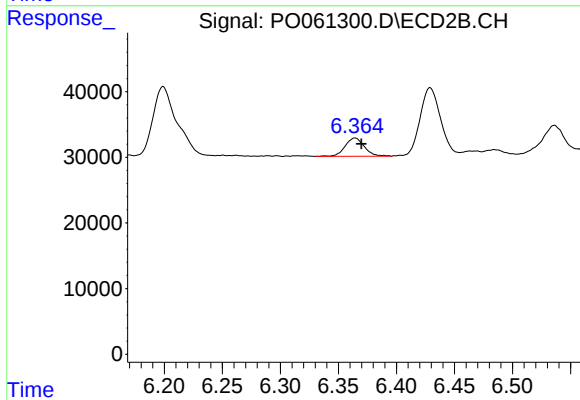
R.T.: 6.199 min
Delta R.T.: -0.021 min
Response: 150309
Conc: 58.27 ng/ml



#33 AR-1260-3

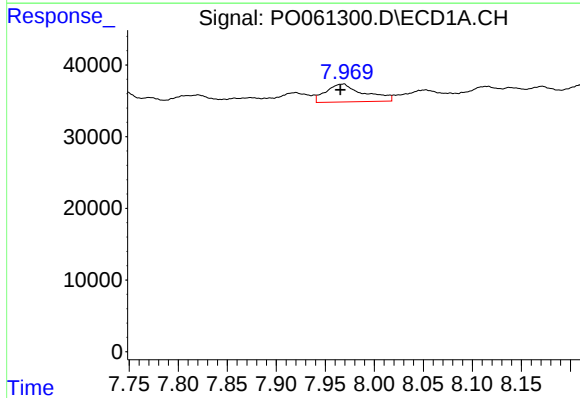
R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 33041
Conc: 13.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



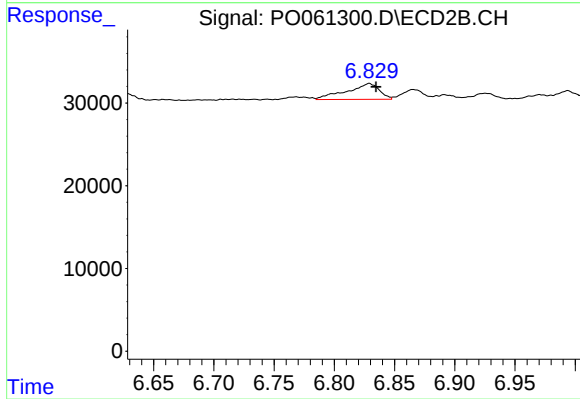
#33 AR-1260-3

R.T.: 6.364 min
Delta R.T.: -0.005 min
Response: 31890
Conc: 13.24 ng/ml



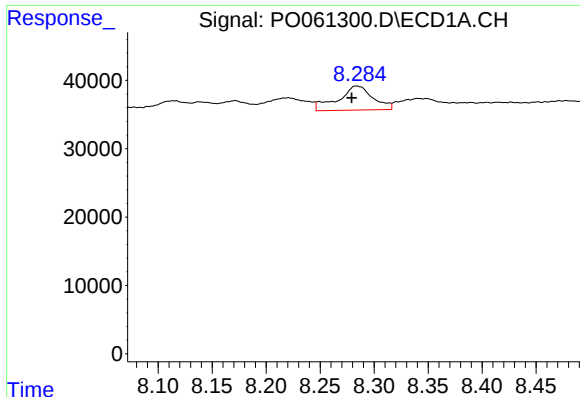
#34 AR-1260-4

R.T.: 7.968 min
Delta R.T.: 0.003 min
Response: 67320
Conc: 24.06 ng/ml



#34 AR-1260-4

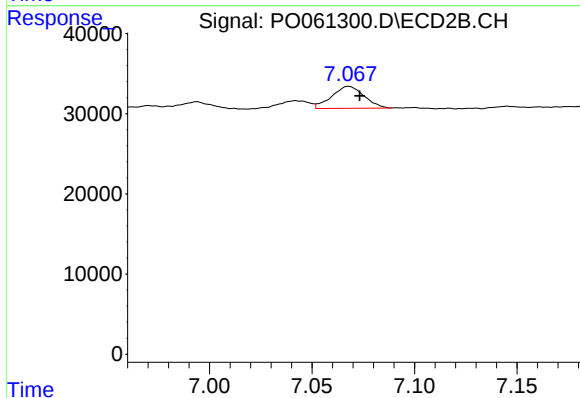
R.T.: 6.829 min
Delta R.T.: -0.006 min
Response: 36232
Conc: 16.93 ng/ml



#35 AR-1260-5

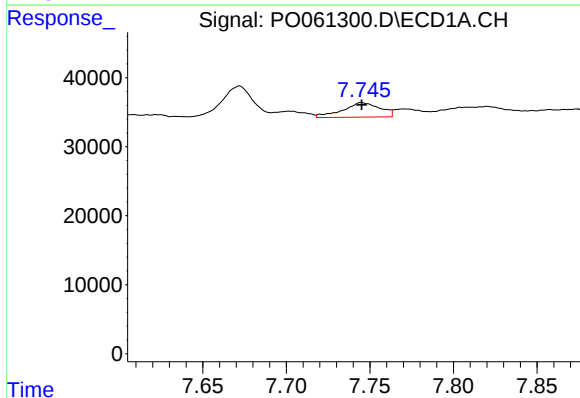
R.T.: 8.284 min
Delta R.T.: 0.005 min
Response: 79260
Conc: 14.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



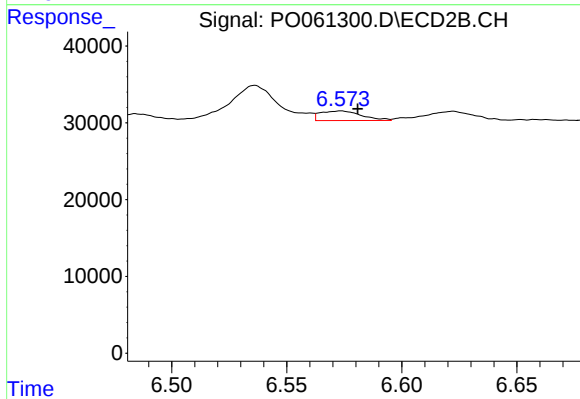
#35 AR-1260-5

R.T.: 7.068 min
Delta R.T.: -0.005 min
Response: 29982
Conc: 6.20 ng/ml



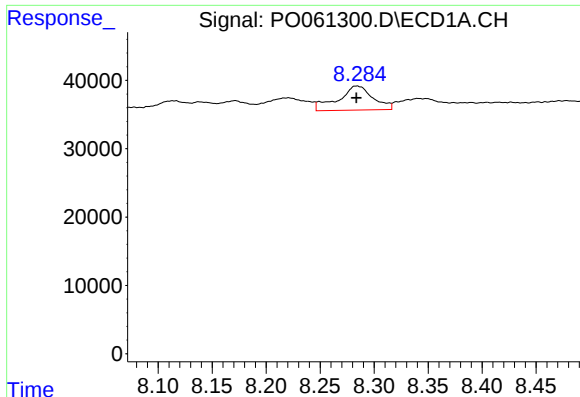
#36 AR-1262-1

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 33041
Conc: 9.35 ng/ml



#36 AR-1262-1

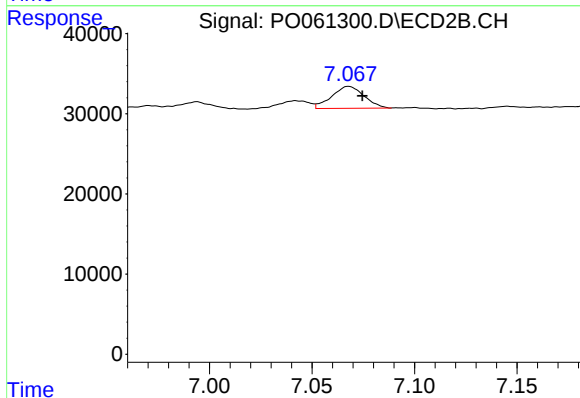
R.T.: 6.574 min
Delta R.T.: -0.007 min
Response: 15541
Conc: 5.20 ng/ml



#37 AR-1262-2

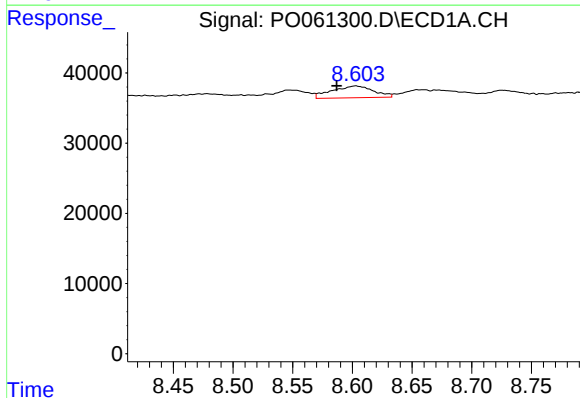
R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 79260
Conc: 12.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



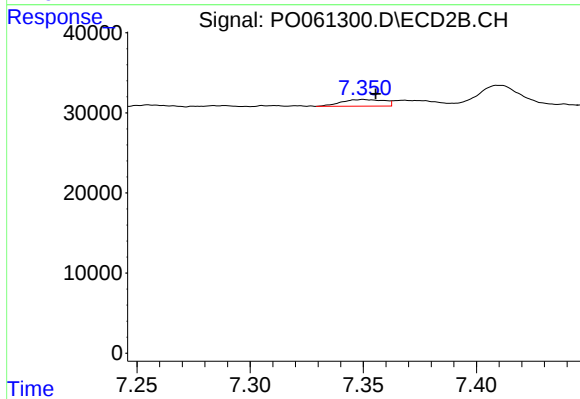
#37 AR-1262-2

R.T.: 7.068 min
Delta R.T.: -0.007 min
Response: 29982
Conc: 5.77 ng/ml



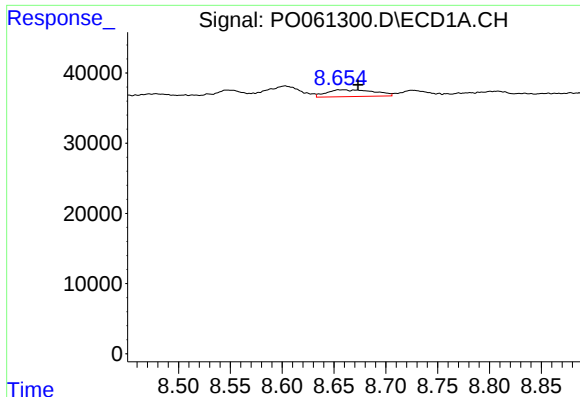
#38 AR-1262-3

R.T.: 8.603 min
Delta R.T.: 0.016 min
Response: 40862
Conc: 9.59 ng/ml



#38 AR-1262-3

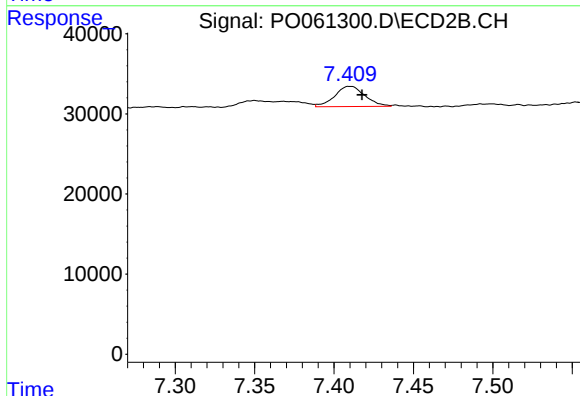
R.T.: 7.350 min
Delta R.T.: -0.005 min
Response: 10930
Conc: 5.15 ng/ml



#39 AR-1262-4

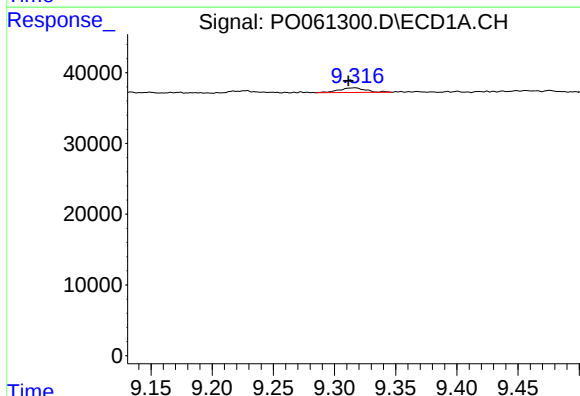
R.T.: 8.655 min
Delta R.T.: -0.018 min
Response: 31394
Conc: 9.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



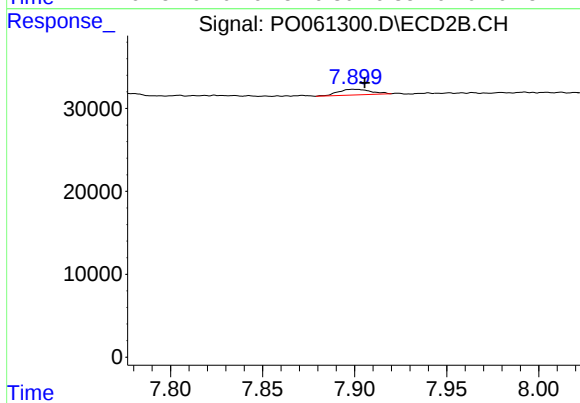
#39 AR-1262-4

R.T.: 7.409 min
Delta R.T.: -0.008 min
Response: 33410
Conc: 8.75 ng/ml



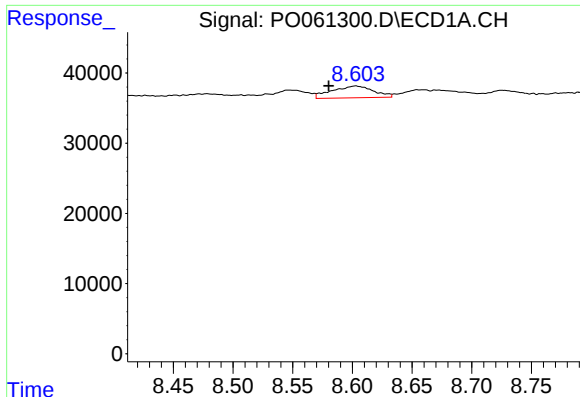
#40 AR-1262-5

R.T.: 9.316 min
Delta R.T.: 0.005 min
Response: 10076
Conc: 4.96 ng/ml



#40 AR-1262-5

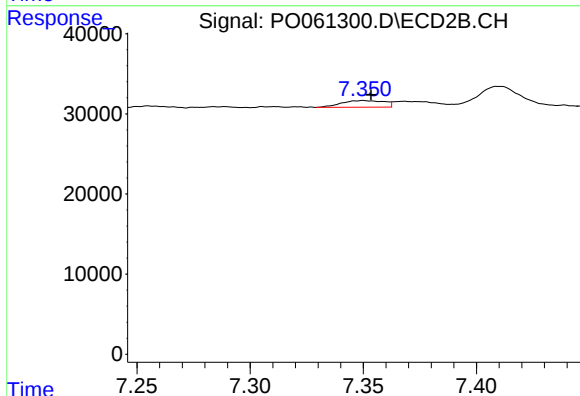
R.T.: 7.899 min
Delta R.T.: -0.006 min
Response: 8374
Conc: 5.00 ng/ml



#41 AR-1268-1

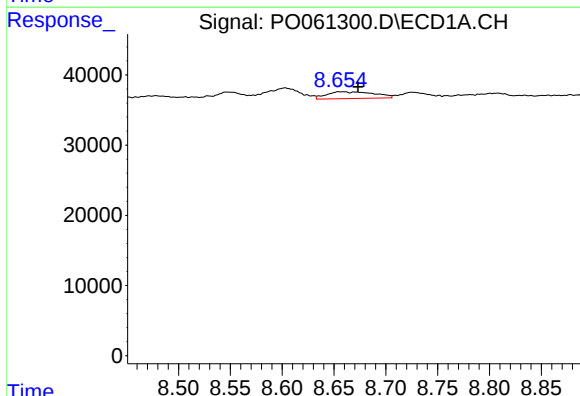
R.T.: 8.603 min
Delta R.T.: 0.023 min
Response: 40862
Conc: 5.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



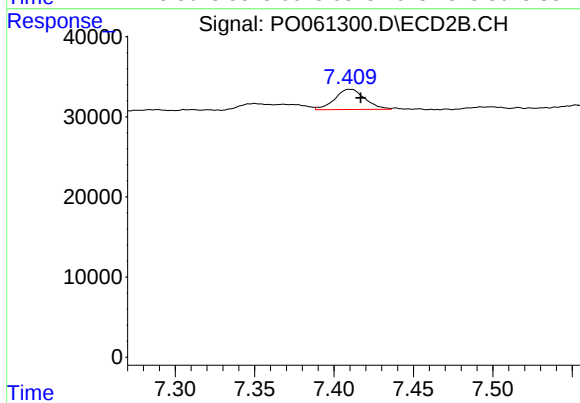
#41 AR-1268-1

R.T.: 7.350 min
Delta R.T.: -0.003 min
Response: 10930
Conc: 1.86 ng/ml



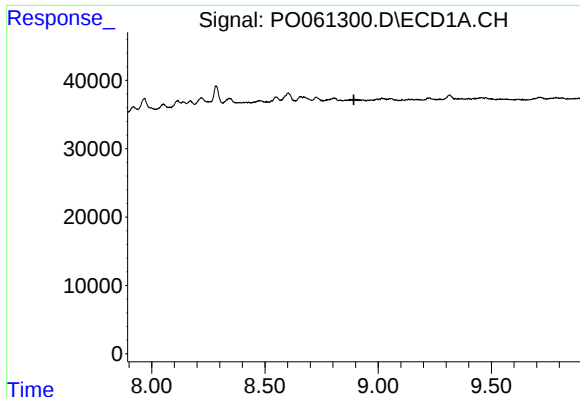
#42 AR-1268-2

R.T.: 8.655 min
Delta R.T.: -0.018 min
Response: 31394
Conc: 4.65 ng/ml



#42 AR-1268-2

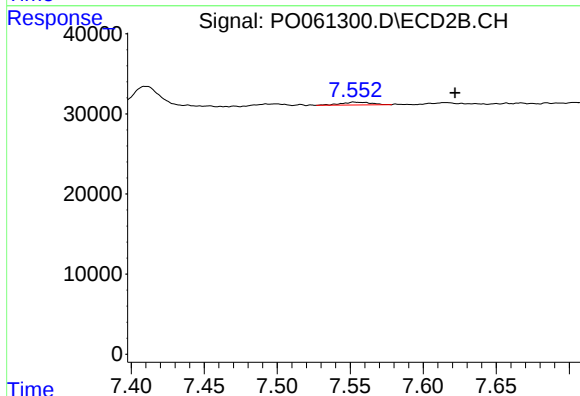
R.T.: 7.409 min
Delta R.T.: -0.007 min
Response: 33410
Conc: 6.27 ng/ml



#43 AR-1268-3

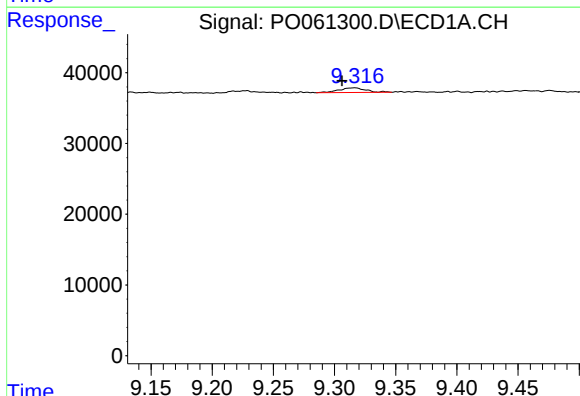
R.T.: 0.000 min
Exp R.T.: 8.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-11



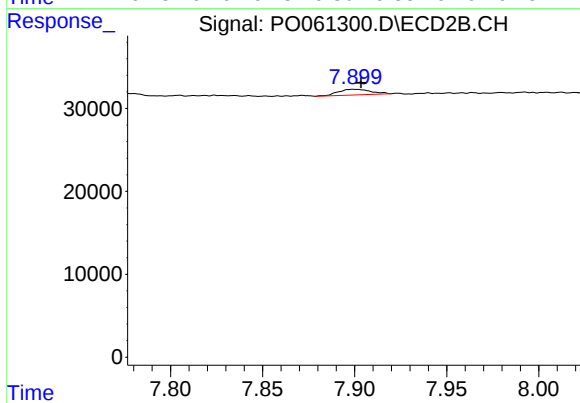
#43 AR-1268-3

R.T.: 7.552 min
Delta R.T.: -0.069 min
Response: 5079
Conc: 1.15 ng/ml



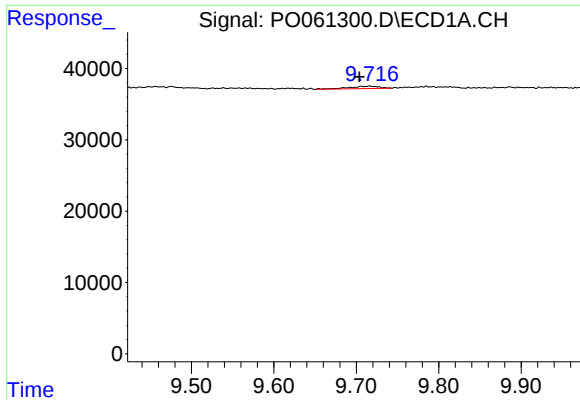
#44 AR-1268-4

R.T.: 9.316 min
Delta R.T.: 0.010 min
Response: 10076
Conc: 4.37 ng/ml



#44 AR-1268-4

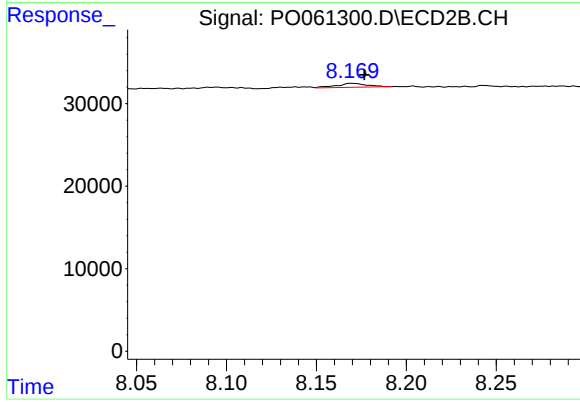
R.T.: 7.899 min
Delta R.T.: -0.004 min
Response: 8374
Conc: 4.38 ng/ml



#45 AR-1268-5

R.T.: 9.716 min
Delta R.T.: 0.012 min
Response: 8317
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-11



#45 AR-1268-5

R.T.: 8.169 min
Delta R.T.: -0.007 min
Response: 5557
Conc: 0.46 ng/ml