

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100219\
 Data File : PO061580.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Oct 2019 13:22
 Operator : HP/AJ
 Sample : K4663-10RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 00:57:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 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...	4.369	3.528	1164351	870156	28.389	26.907
2)	SA Decachlor...	10.035	8.398	988505	639113	21.226	19.740
Target Compounds							
3)	L1 AR-1016-1	5.531	4.598	5450	19248	2.972	14.315 #
4)	L1 AR-1016-2	5.555	4.598	6419	19248	2.483	10.386 #
5)	L1 AR-1016-3	5.589	4.766	21080	16303	13.122	16.275
6)	L1 AR-1016-4	5.690	4.818	70608	27256	52.813	31.453 #
7)	L1 AR-1016-5	6.062	5.020	10425	28584	7.601	25.042 #
8)	L2 AR-1221-1	4.557	3.726	2753	12298	5.956	31.057 #
9)	L2 AR-1221-2	4.673	3.818	24899	42969	69.351	139.331 #
10)	L2 AR-1221-3	4.715	3.891	2620	11020	2.301	12.081 #
11)	L3 AR-1232-1	4.715	3.891	2620	11020	1.873	9.814 #
12)	L3 AR-1232-2	5.245	4.598	56192	19248	71.622	15.768 #
13)	L3 AR-1232-3	5.555	4.766	6419	16303	3.757	24.693 #
14)	L3 AR-1232-4	5.690	4.849	70608	7238	79.802	11.482 #
15)	L3 AR-1232-5	5.806	5.020	12324	28584	17.775	41.659 #
16)	L4 AR-1242-1	5.531	4.598	5450	19248	3.838	18.788 #
17)	L4 AR-1242-2	5.555	4.598	6419	19248	3.194	13.649 #
18)	L4 AR-1242-3	5.589	4.766	21080	16303	16.705	20.878
19)	L4 AR-1242-4	5.690	4.849	70608	7238	67.196	8.820 #
20)	L4 AR-1242-5	6.420	5.360	128341	58381	95.957	54.498 #
21)	L5 AR-1248-1	5.531	4.598	5450	19248	4.639	21.511 #
22)	L5 AR-1248-2	5.806	4.818	12324	27256	7.304	23.132 #
23)	L5 AR-1248-3	6.062	4.849	10425	7238	5.578	5.831
24)	L5 AR-1248-4	6.420	5.020	128341	28584	54.317	19.014 #
25)	L5 AR-1248-5	6.420	5.383	128341	84757	56.602	55.246
26)	L6 AR-1254-1	6.387	5.360	149204	58381	65.400	26.618 #
27)	L6 AR-1254-2	6.602	5.501	123083	12893	34.066	6.576 #
28)	L6 AR-1254-3	6.977	5.896	100687	16001	25.769	5.026 #
29)	L6 AR-1254-4	7.251	6.123	55050	19065	18.177	9.397 #
30)	L6 AR-1254-5	7.669	6.531	69908	50771	22.261	17.950
31)	L7 AR-1260-1	7.129	6.025	41485	26320	15.891	12.903
32)	L7 AR-1260-2	7.380	6.210	286298	38582	89.805	16.064 #
33)	L7 AR-1260-3	7.745	6.359	49818	34187	20.741	15.173 #
34)	L7 AR-1260-4	7.967	6.823	86650	27883	32.428	15.103 #
35)	L7 AR-1260-5	8.283	7.063	89708	106787	18.130	27.426 #
36)	L8 AR-1262-1	7.745	6.622	49818	11433	13.002	9.366 #
37)	L8 AR-1262-2	8.283	7.063	89708	106787	14.450	23.224 #
38)	L8 AR-1262-3	8.602	7.342	82175	10049	19.771	5.334 #
39)	L8 AR-1262-4	8.674	7.403	32645	35428	10.341	10.542
40)	L8 AR-1262-5	9.312	7.894	22143	10997	10.888	7.254 #
41)	L9 AR-1268-1	8.602	7.342	82175	10049	12.220	2.081 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100219\
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 Acq On : 02 Oct 2019 13:22
 Operator : HP/AJ
 Sample : K4663-10RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

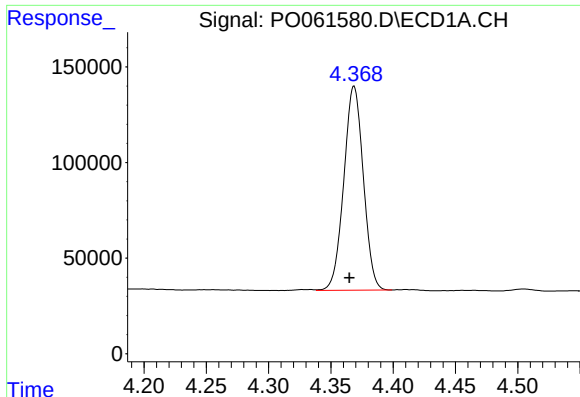
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 00:57:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.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	8.674	7.403	32645	35428	5.272	8.220 #
43) L9	AR-1268-3	8.894	7.611	24948	7455	4.880	2.080 #
44) L9	AR-1268-4	9.312	7.894	22143	10997	10.127	6.833 #
45) L9	AR-1268-5	9.712	8.165	14119	19701	0.940	1.959 #

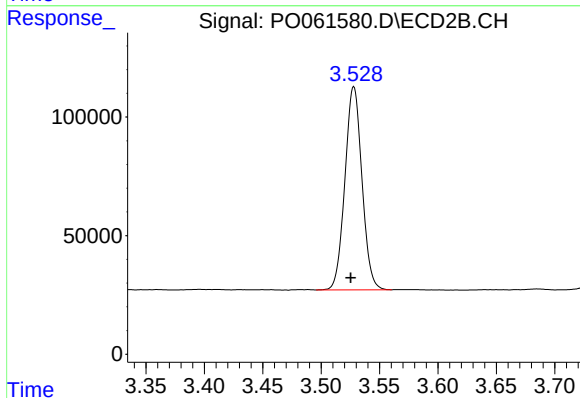
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

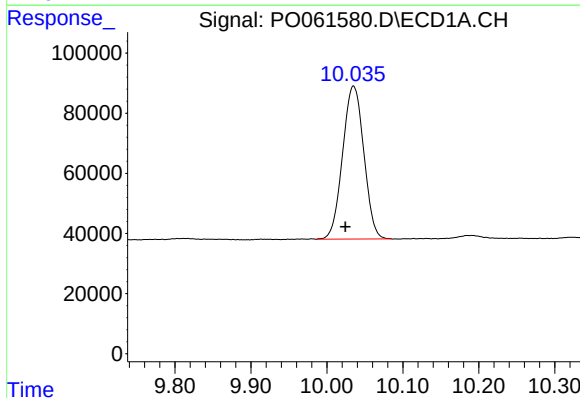
R.T.: 4.369 min
Delta R.T.: 0.004 min
Response: 1164351
Conc: 28.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



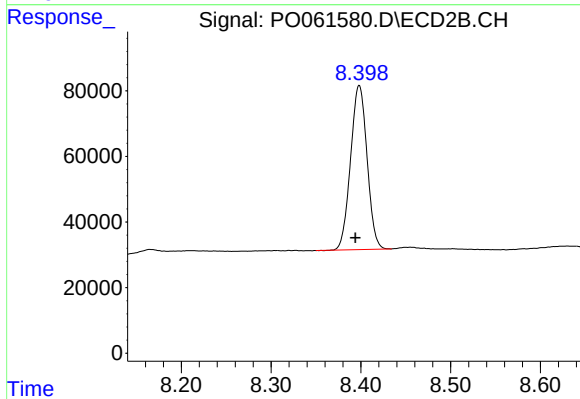
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: 0.003 min
Response: 870156
Conc: 26.91 ng/ml



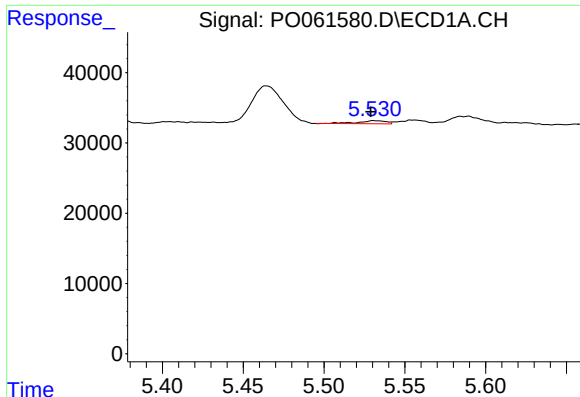
#2 Decachlorobiphenyl

R.T.: 10.035 min
Delta R.T.: 0.010 min
Response: 988505
Conc: 21.23 ng/ml



#2 Decachlorobiphenyl

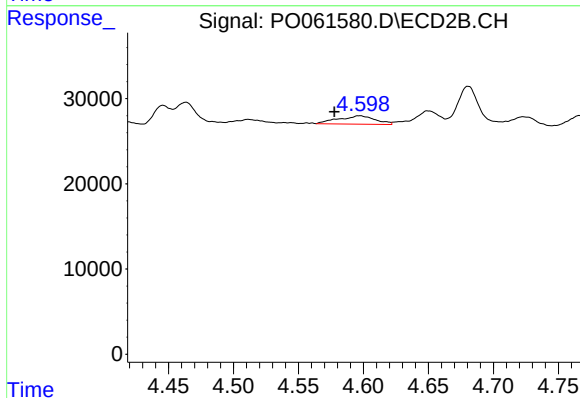
R.T.: 8.398 min
Delta R.T.: 0.004 min
Response: 639113
Conc: 19.74 ng/ml



#3 AR-1016-1

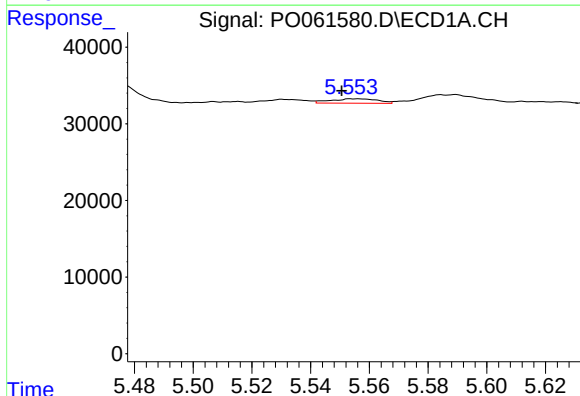
R.T.: 5.531 min
Delta R.T.: 0.002 min
Response: 5450
Conc: 2.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



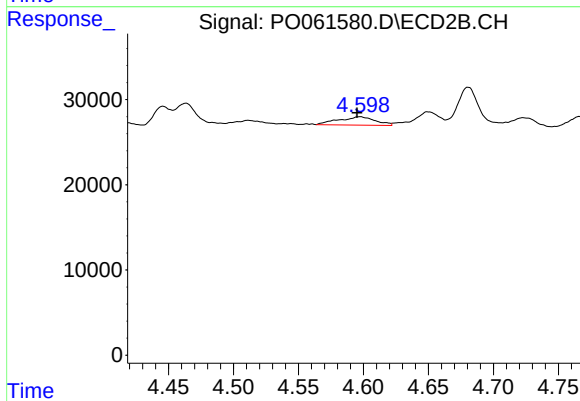
#3 AR-1016-1

R.T.: 4.598 min
Delta R.T.: 0.020 min
Response: 19248
Conc: 14.31 ng/ml



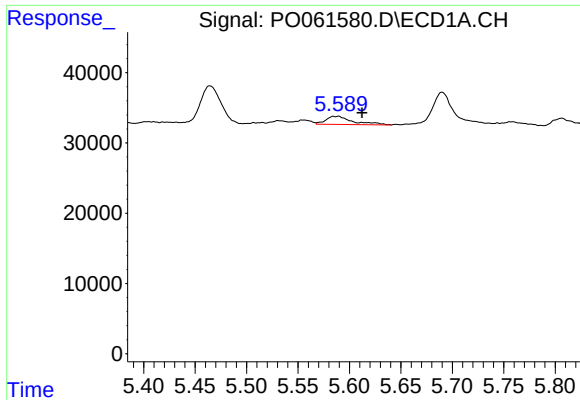
#4 AR-1016-2

R.T.: 5.555 min
Delta R.T.: 0.005 min
Response: 6419
Conc: 2.48 ng/ml



#4 AR-1016-2

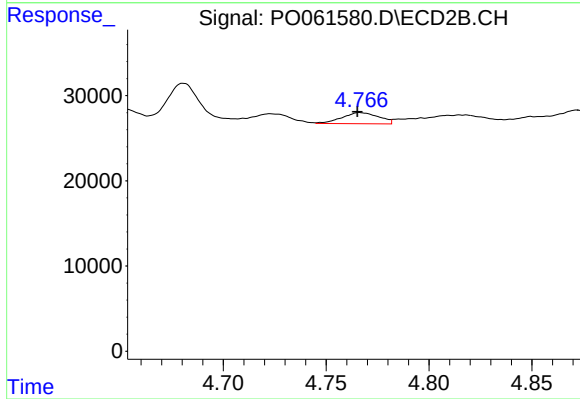
R.T.: 4.598 min
Delta R.T.: 0.002 min
Response: 19248
Conc: 10.39 ng/ml



#5 AR-1016-3

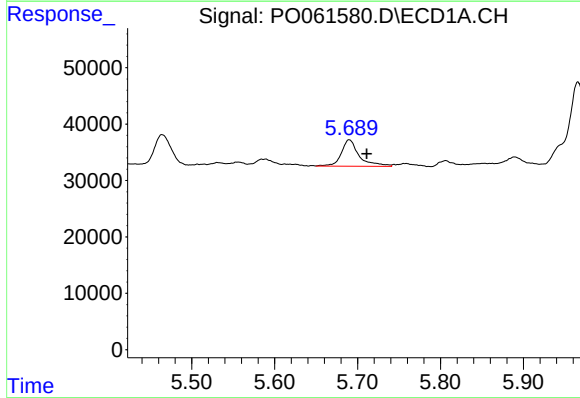
R.T.: 5.589 min
Delta R.T.: -0.023 min
Response: 21080
Conc: 13.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



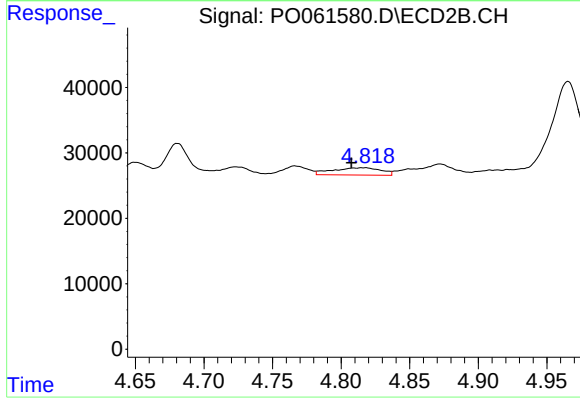
#5 AR-1016-3

R.T.: 4.766 min
Delta R.T.: 0.001 min
Response: 16303
Conc: 16.28 ng/ml



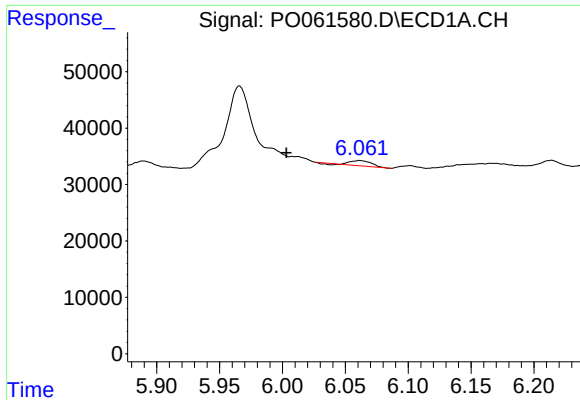
#6 AR-1016-4

R.T.: 5.690 min
Delta R.T.: -0.021 min
Response: 70608
Conc: 52.81 ng/ml



#6 AR-1016-4

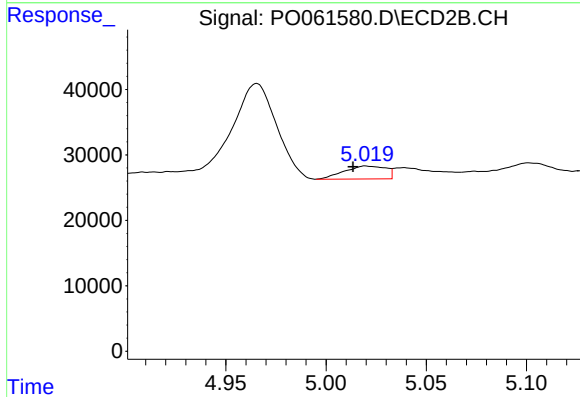
R.T.: 4.818 min
Delta R.T.: 0.011 min
Response: 27256
Conc: 31.45 ng/ml



#7 AR-1016-5

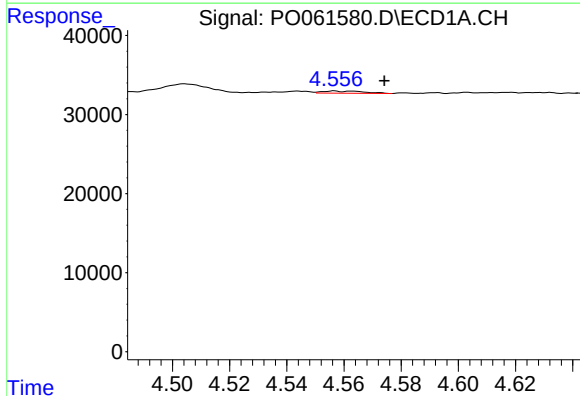
R.T.: 6.062 min
Delta R.T.: 0.058 min
Response: 10425
Conc: 7.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



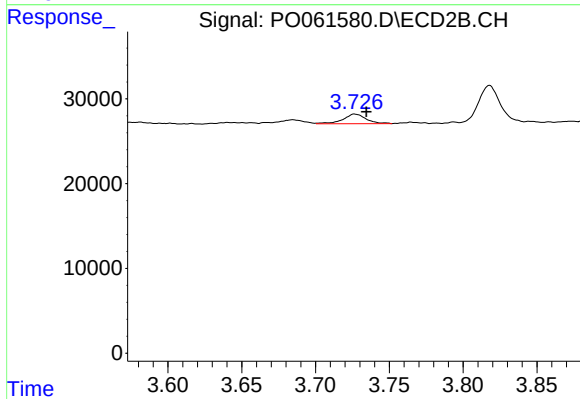
#7 AR-1016-5

R.T.: 5.020 min
Delta R.T.: 0.006 min
Response: 28584
Conc: 25.04 ng/ml



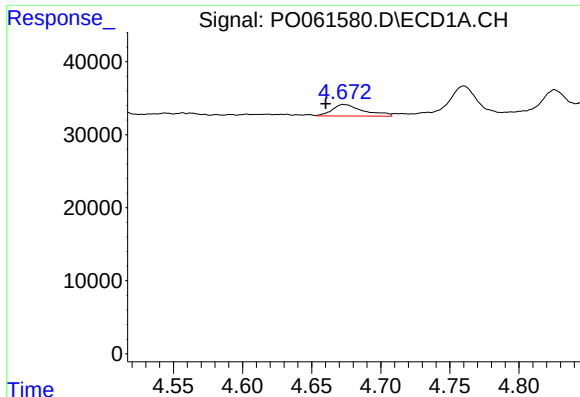
#8 AR-1221-1

R.T.: 4.557 min
Delta R.T.: -0.018 min
Response: 2753
Conc: 5.96 ng/ml



#8 AR-1221-1

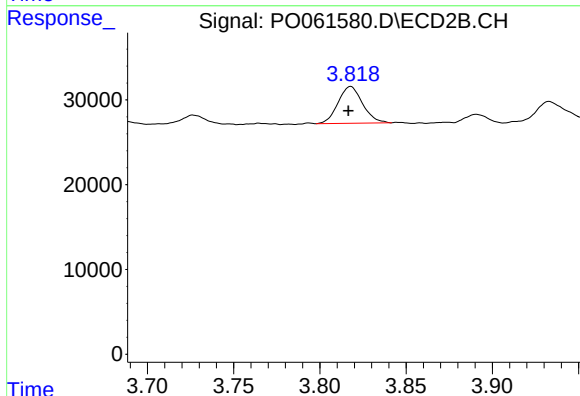
R.T.: 3.726 min
Delta R.T.: -0.008 min
Response: 12298
Conc: 31.06 ng/ml



#9 AR-1221-2

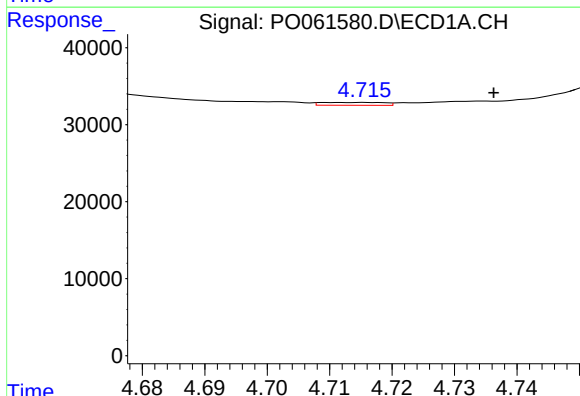
R.T.: 4.673 min
Delta R.T.: 0.013 min
Response: 24899
Conc: 69.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



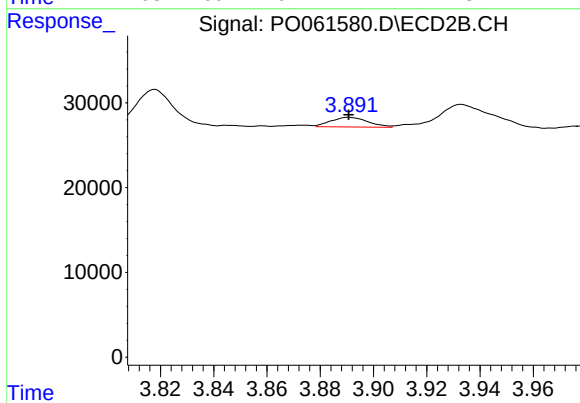
#9 AR-1221-2

R.T.: 3.818 min
Delta R.T.: 0.001 min
Response: 42969
Conc: 139.33 ng/ml



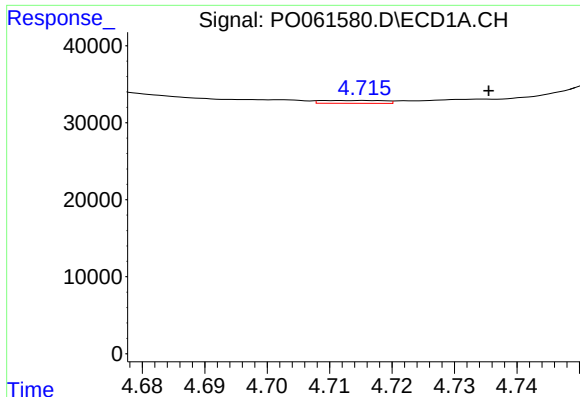
#10 AR-1221-3

R.T.: 4.715 min
Delta R.T.: -0.021 min
Response: 2620
Conc: 2.30 ng/ml



#10 AR-1221-3

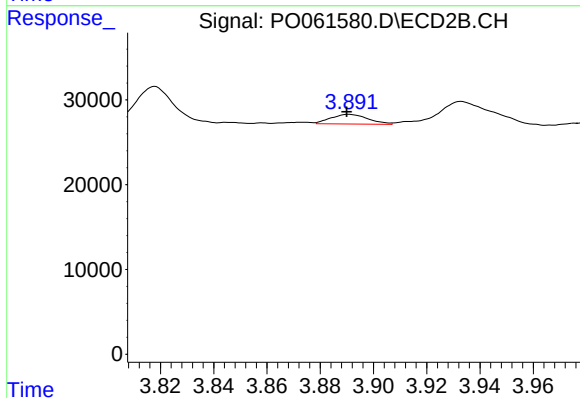
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 11020
Conc: 12.08 ng/ml



#11 AR-1232-1

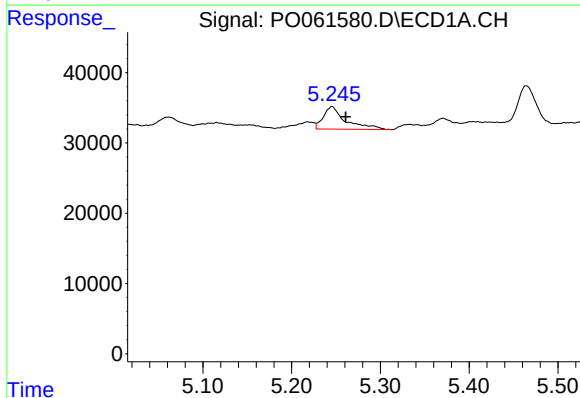
R.T.: 4.715 min
Delta R.T.: -0.020 min
Response: 2620
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



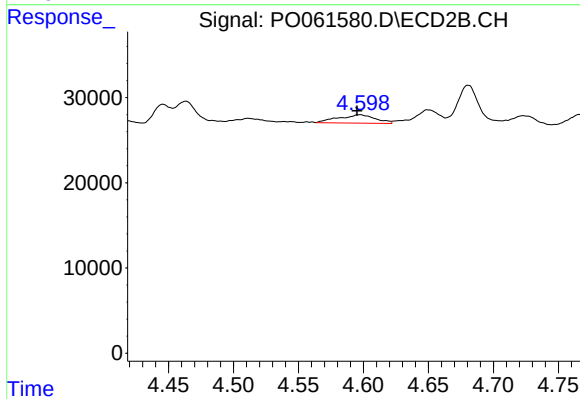
#11 AR-1232-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 11020
Conc: 9.81 ng/ml



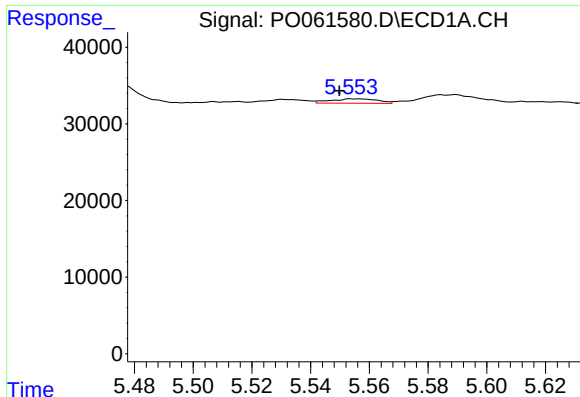
#12 AR-1232-2

R.T.: 5.245 min
Delta R.T.: -0.016 min
Response: 56192
Conc: 71.62 ng/ml



#12 AR-1232-2

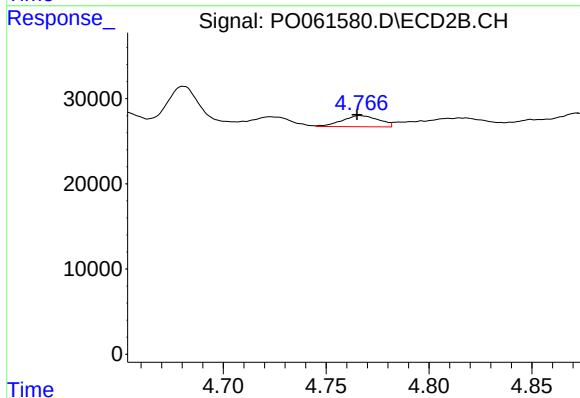
R.T.: 4.598 min
Delta R.T.: 0.003 min
Response: 19248
Conc: 15.77 ng/ml



#13 AR-1232-3

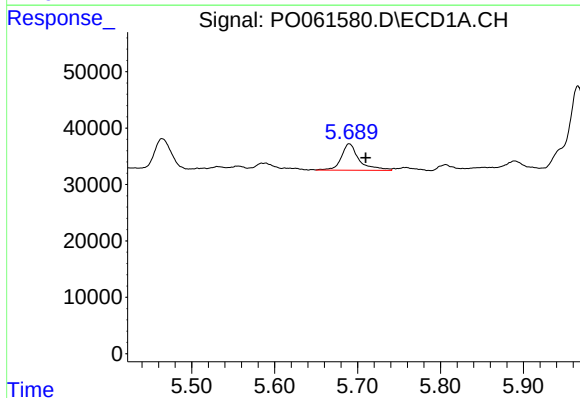
R.T.: 5.555 min
Delta R.T.: 0.005 min
Response: 6419
Conc: 3.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



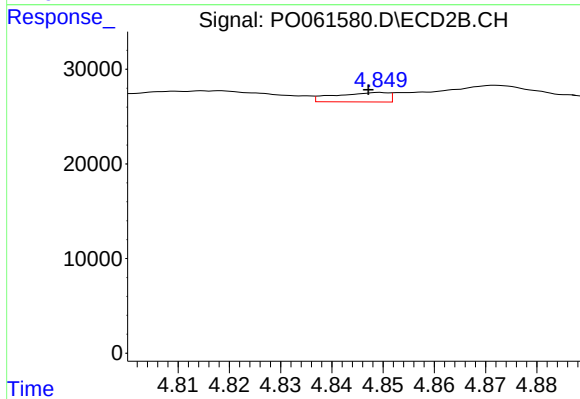
#13 AR-1232-3

R.T.: 4.766 min
Delta R.T.: 0.001 min
Response: 16303
Conc: 24.69 ng/ml



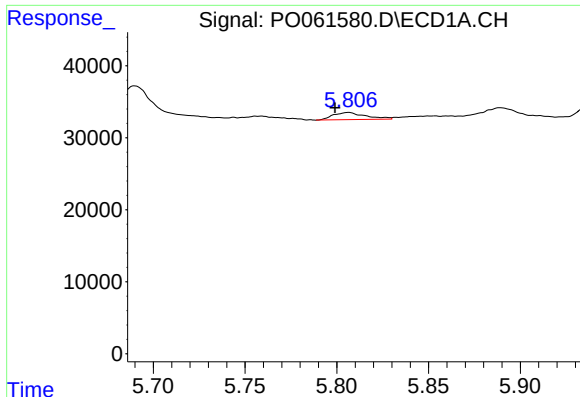
#14 AR-1232-4

R.T.: 5.690 min
Delta R.T.: -0.020 min
Response: 70608
Conc: 79.80 ng/ml



#14 AR-1232-4

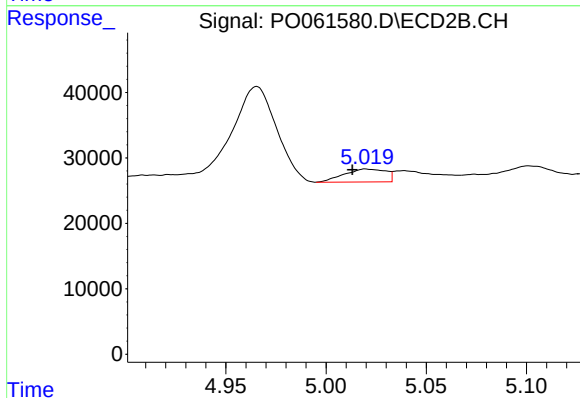
R.T.: 4.849 min
Delta R.T.: 0.002 min
Response: 7238
Conc: 11.48 ng/ml



#15 AR-1232-5

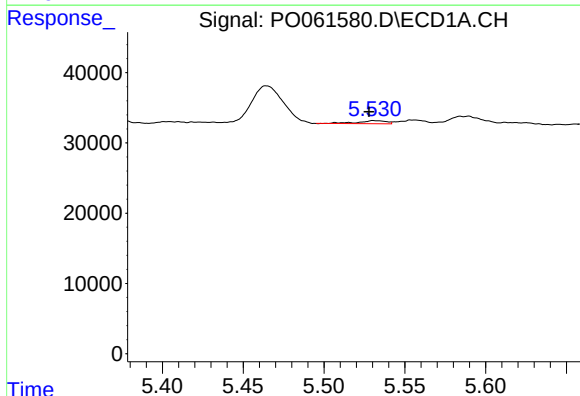
R.T.: 5.806 min
Delta R.T.: 0.007 min
Response: 12324
Conc: 17.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



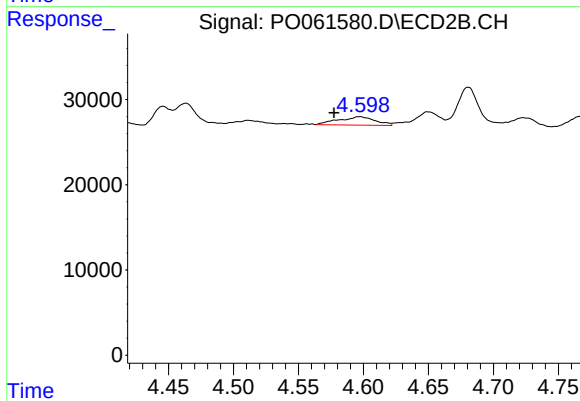
#15 AR-1232-5

R.T.: 5.020 min
Delta R.T.: 0.006 min
Response: 28584
Conc: 41.66 ng/ml



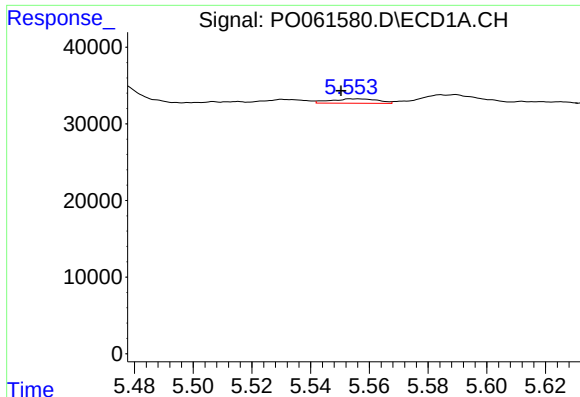
#16 AR-1242-1

R.T.: 5.531 min
Delta R.T.: 0.003 min
Response: 5450
Conc: 3.84 ng/ml



#16 AR-1242-1

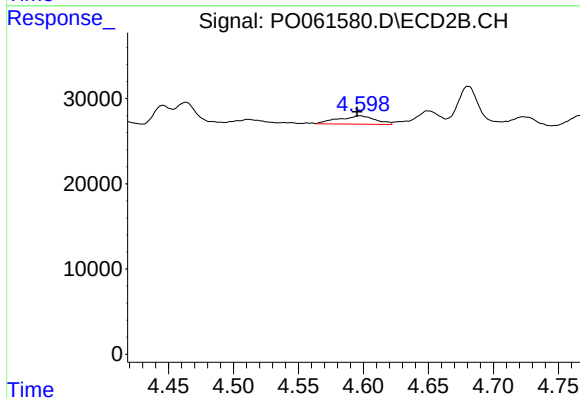
R.T.: 4.598 min
Delta R.T.: 0.020 min
Response: 19248
Conc: 18.79 ng/ml



#17 AR-1242-2

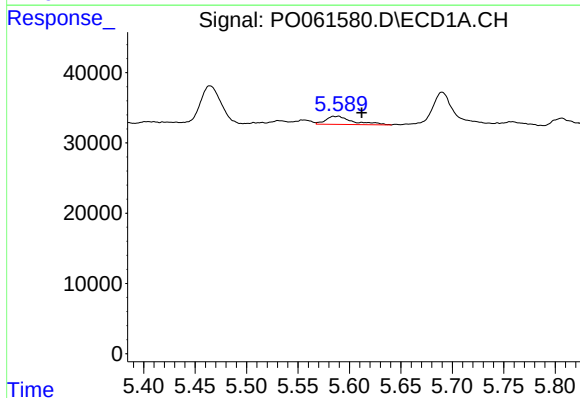
R.T.: 5.555 min
Delta R.T.: 0.005 min
Response: 6419
Conc: 3.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



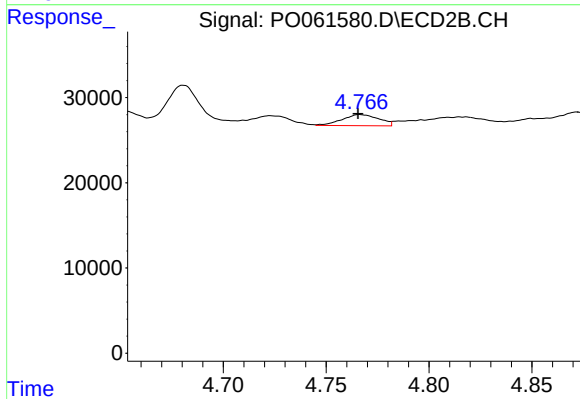
#17 AR-1242-2

R.T.: 4.598 min
Delta R.T.: 0.002 min
Response: 19248
Conc: 13.65 ng/ml



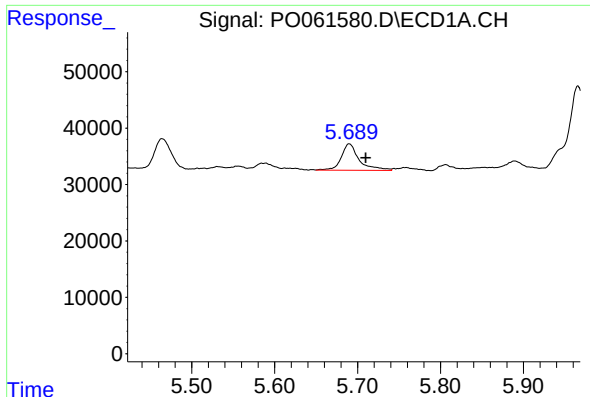
#18 AR-1242-3

R.T.: 5.589 min
Delta R.T.: -0.023 min
Response: 21080
Conc: 16.71 ng/ml



#18 AR-1242-3

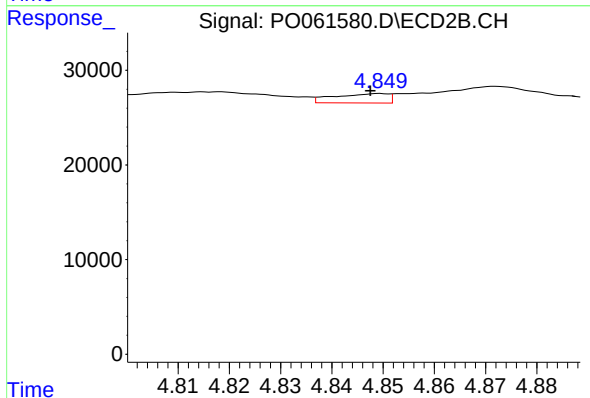
R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 16303
Conc: 20.88 ng/ml



#19 AR-1242-4

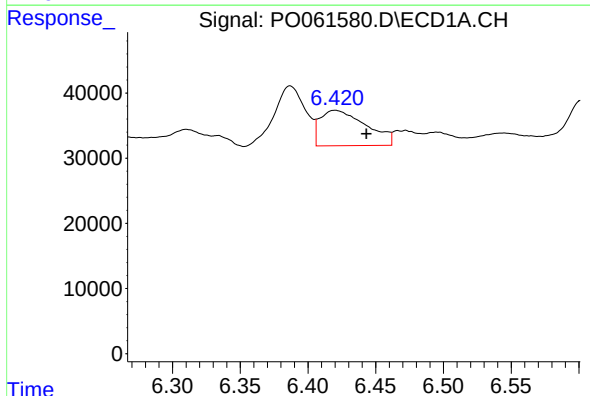
R.T.: 5.690 min
Delta R.T.: -0.020 min
Response: 70608
Conc: 67.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



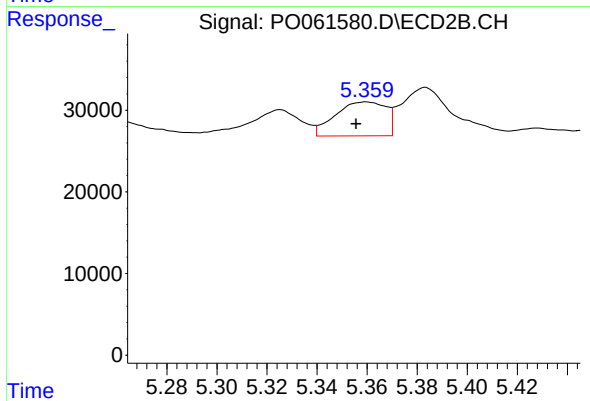
#19 AR-1242-4

R.T.: 4.849 min
Delta R.T.: 0.002 min
Response: 7238
Conc: 8.82 ng/ml



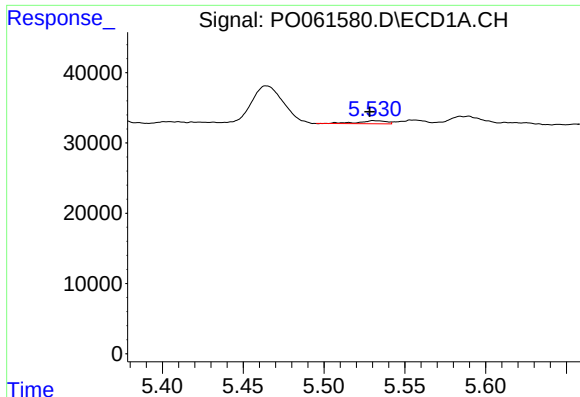
#20 AR-1242-5

R.T.: 6.420 min
Delta R.T.: -0.023 min
Response: 128341
Conc: 95.96 ng/ml



#20 AR-1242-5

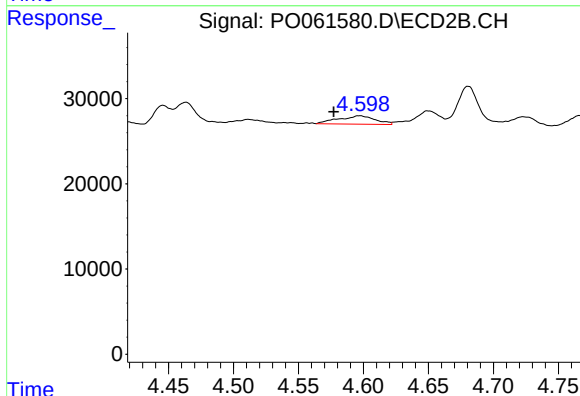
R.T.: 5.360 min
Delta R.T.: 0.004 min
Response: 58381
Conc: 54.50 ng/ml



#21 AR-1248-1

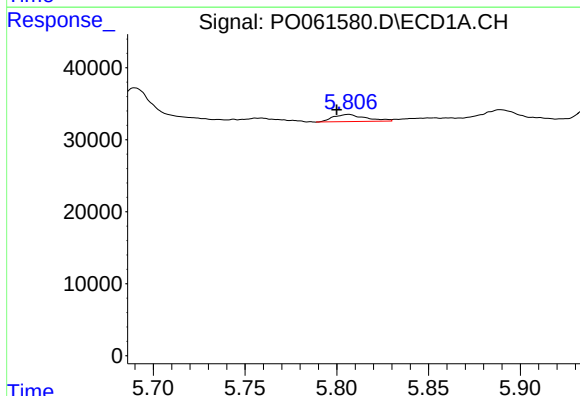
R.T.: 5.531 min
Delta R.T.: 0.003 min
Response: 5450
Conc: 4.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



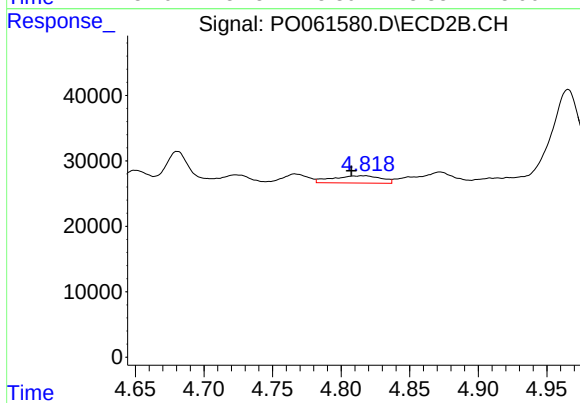
#21 AR-1248-1

R.T.: 4.598 min
Delta R.T.: 0.020 min
Response: 19248
Conc: 21.51 ng/ml



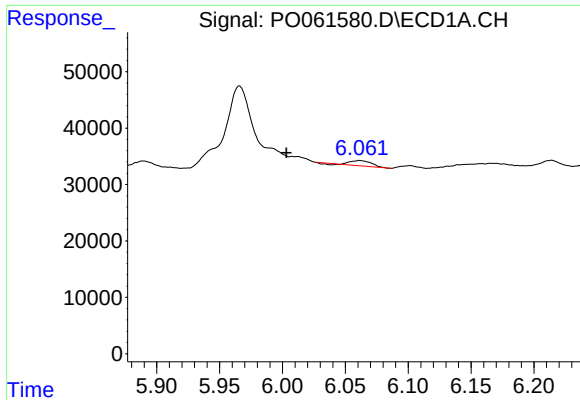
#22 AR-1248-2

R.T.: 5.806 min
Delta R.T.: 0.007 min
Response: 12324
Conc: 7.30 ng/ml



#22 AR-1248-2

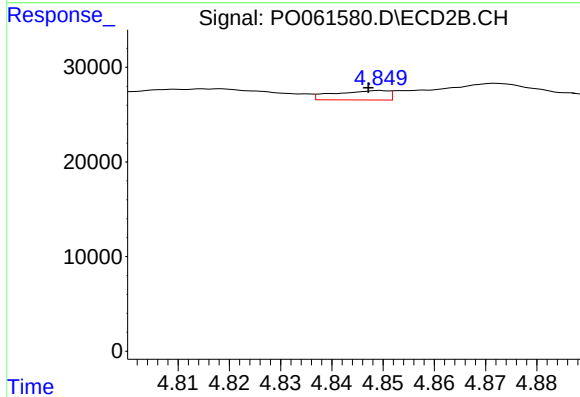
R.T.: 4.818 min
Delta R.T.: 0.011 min
Response: 27256
Conc: 23.13 ng/ml



#23 AR-1248-3

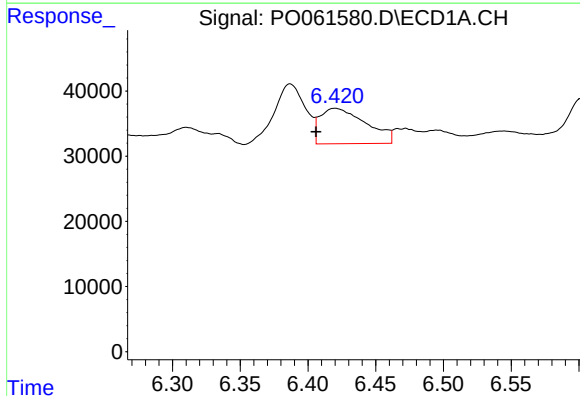
R.T.: 6.062 min
Delta R.T.: 0.058 min
Response: 10425
Conc: 5.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



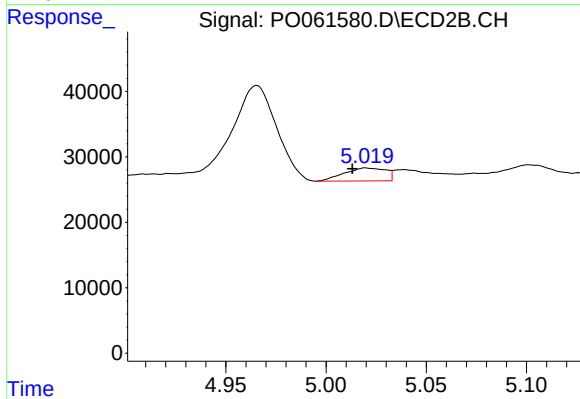
#23 AR-1248-3

R.T.: 4.849 min
Delta R.T.: 0.002 min
Response: 7238
Conc: 5.83 ng/ml



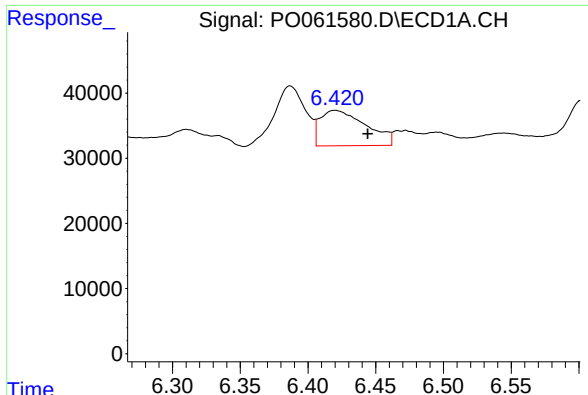
#24 AR-1248-4

R.T.: 6.420 min
Delta R.T.: 0.014 min
Response: 128341
Conc: 54.32 ng/ml



#24 AR-1248-4

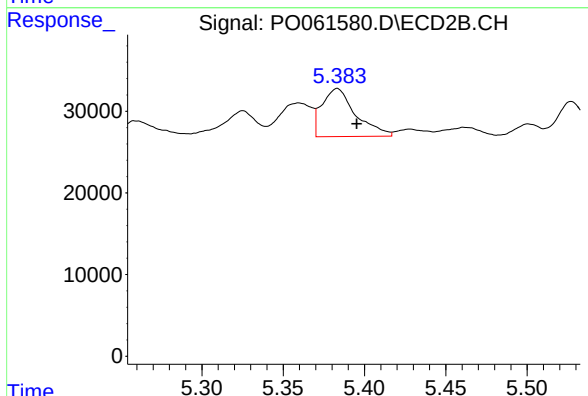
R.T.: 5.020 min
Delta R.T.: 0.006 min
Response: 28584
Conc: 19.01 ng/ml



#25 AR-1248-5

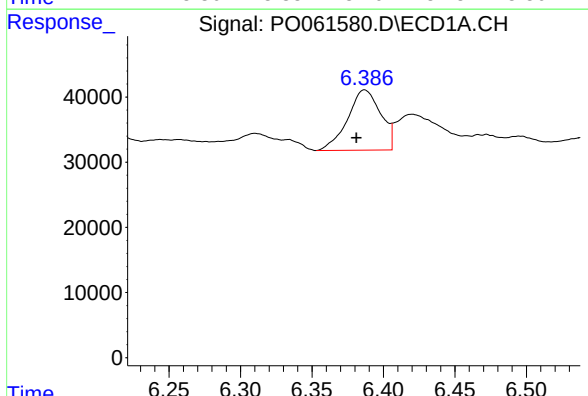
R.T.: 6.420 min
Delta R.T.: -0.024 min
Response: 128341
Conc: 56.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



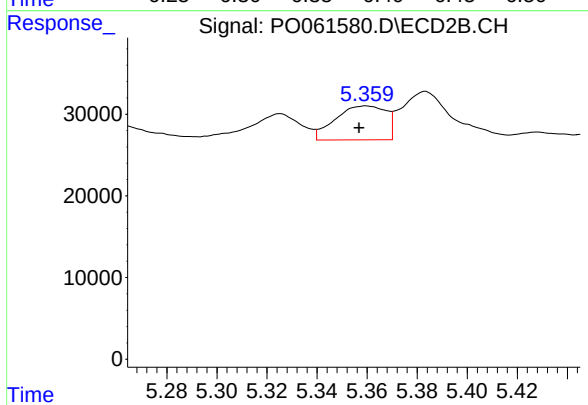
#25 AR-1248-5

R.T.: 5.383 min
Delta R.T.: -0.012 min
Response: 84757
Conc: 55.25 ng/ml



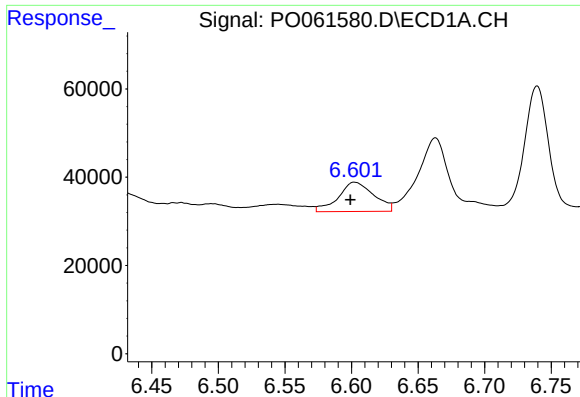
#26 AR-1254-1

R.T.: 6.387 min
Delta R.T.: 0.006 min
Response: 149204
Conc: 65.40 ng/ml



#26 AR-1254-1

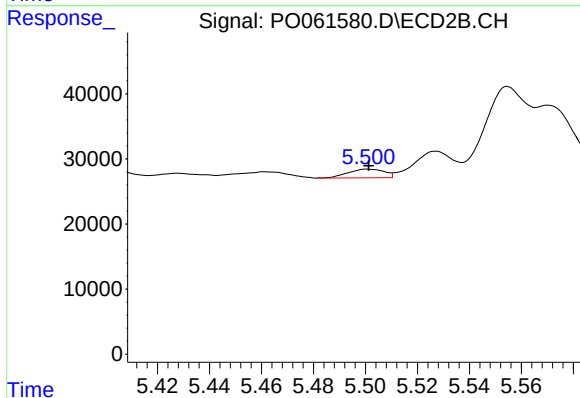
R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 58381
Conc: 26.62 ng/ml



#27 AR-1254-2

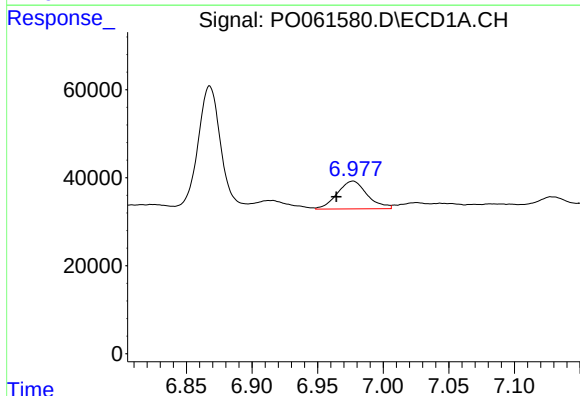
R.T.: 6.602 min
Delta R.T.: 0.003 min
Response: 123083
Conc: 34.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



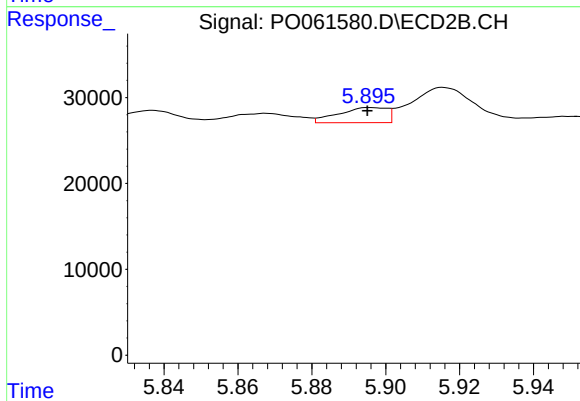
#27 AR-1254-2

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 12893
Conc: 6.58 ng/ml



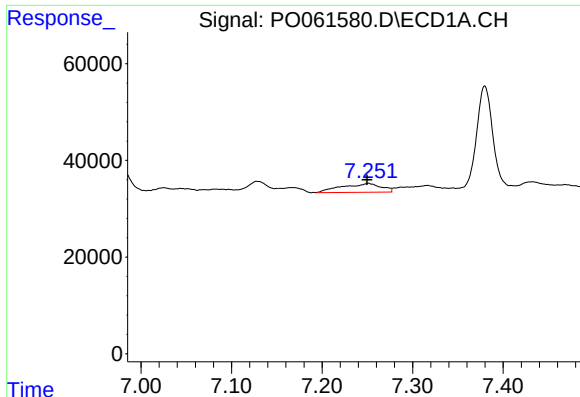
#28 AR-1254-3

R.T.: 6.977 min
Delta R.T.: 0.013 min
Response: 100687
Conc: 25.77 ng/ml



#28 AR-1254-3

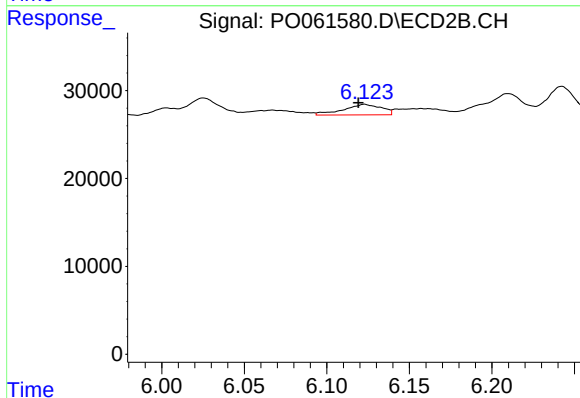
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 16001
Conc: 5.03 ng/ml



#29 AR-1254-4

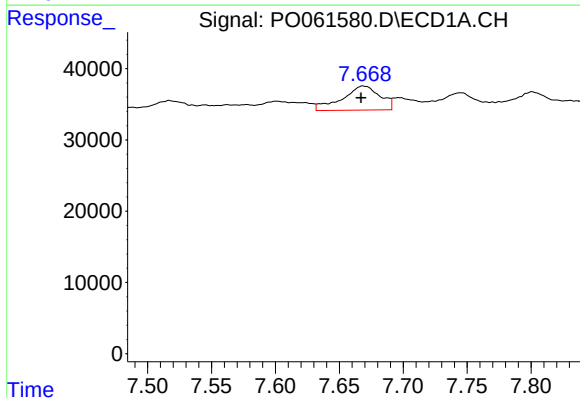
R.T.: 7.251 min
Delta R.T.: 0.002 min
Response: 55050
Conc: 18.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



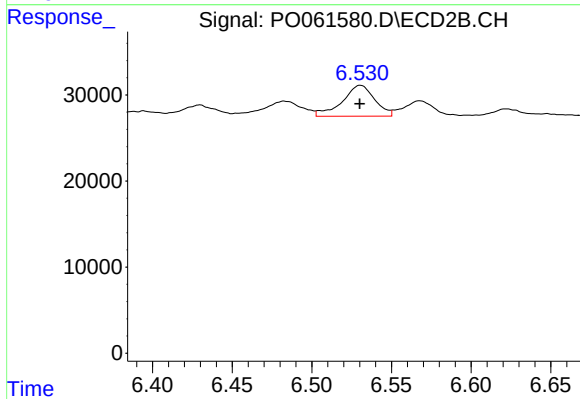
#29 AR-1254-4

R.T.: 6.123 min
Delta R.T.: 0.004 min
Response: 19065
Conc: 9.40 ng/ml



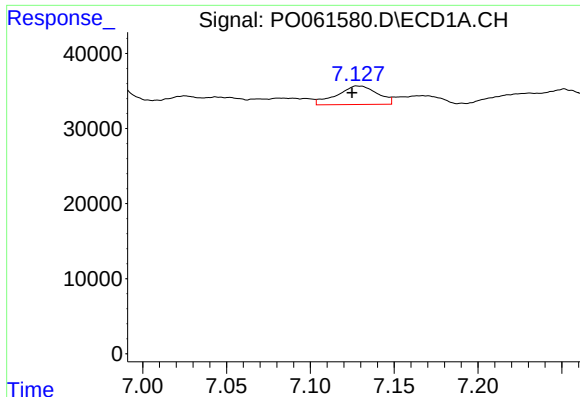
#30 AR-1254-5

R.T.: 7.669 min
Delta R.T.: 0.002 min
Response: 69908
Conc: 22.26 ng/ml



#30 AR-1254-5

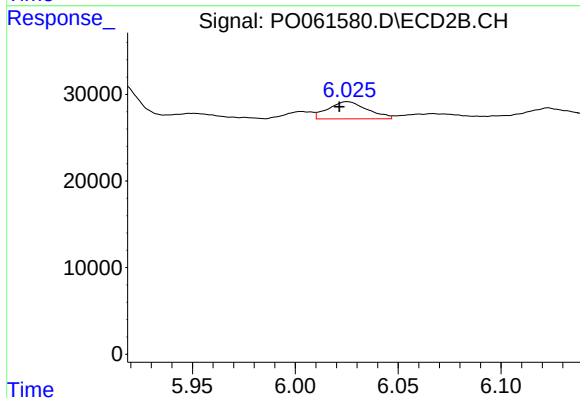
R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 50771
Conc: 17.95 ng/ml



#31 AR-1260-1

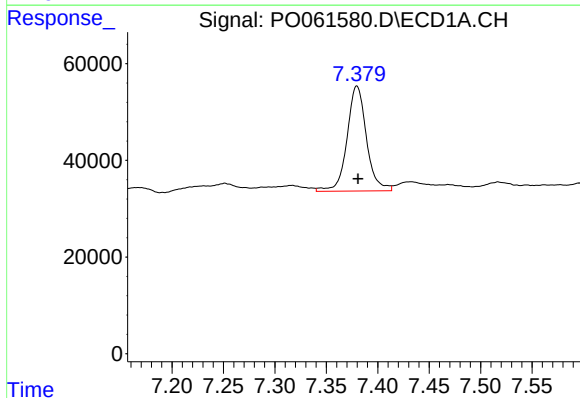
R.T.: 7.129 min
Delta R.T.: 0.004 min
Response: 41485
Conc: 15.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



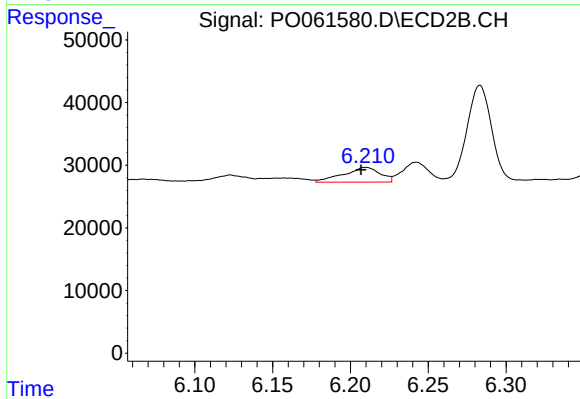
#31 AR-1260-1

R.T.: 6.025 min
Delta R.T.: 0.004 min
Response: 26320
Conc: 12.90 ng/ml



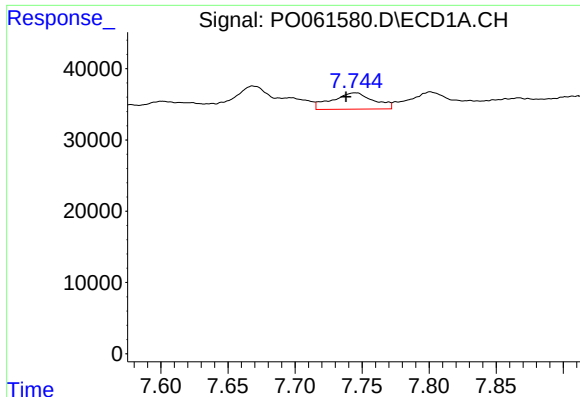
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: -0.001 min
Response: 286298
Conc: 89.80 ng/ml



#32 AR-1260-2

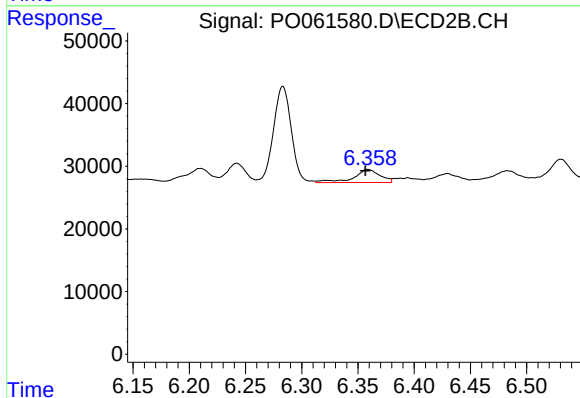
R.T.: 6.210 min
Delta R.T.: 0.003 min
Response: 38582
Conc: 16.06 ng/ml



#33 AR-1260-3

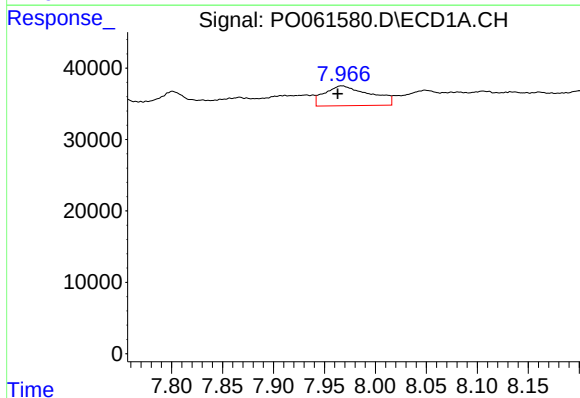
R.T.: 7.745 min
Delta R.T.: 0.007 min
Response: 49818
Conc: 20.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



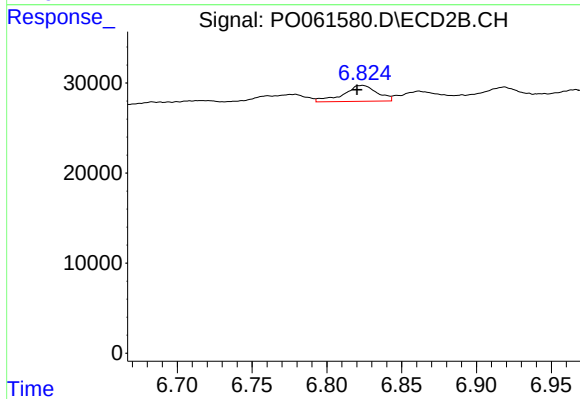
#33 AR-1260-3

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 34187
Conc: 15.17 ng/ml



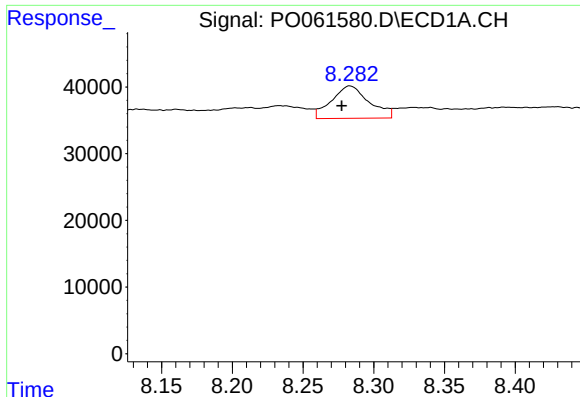
#34 AR-1260-4

R.T.: 7.967 min
Delta R.T.: 0.004 min
Response: 86650
Conc: 32.43 ng/ml



#34 AR-1260-4

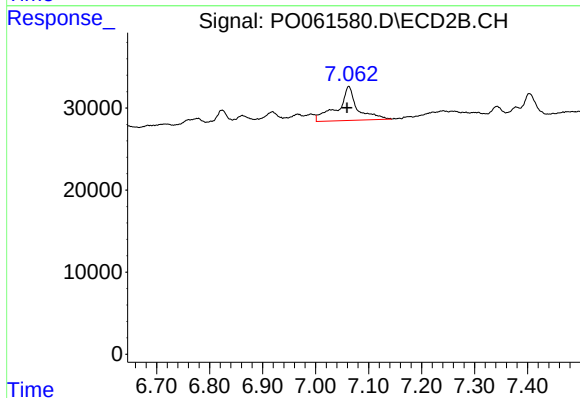
R.T.: 6.823 min
Delta R.T.: 0.003 min
Response: 27883
Conc: 15.10 ng/ml



#35 AR-1260-5

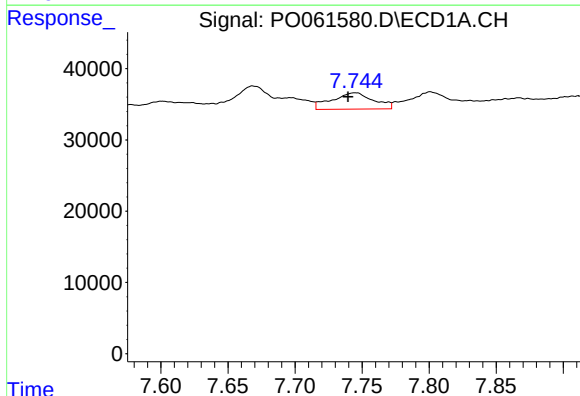
R.T.: 8.283 min
Delta R.T.: 0.006 min
Response: 89708
Conc: 18.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



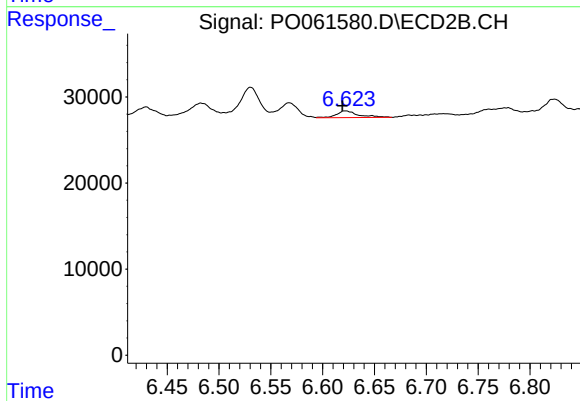
#35 AR-1260-5

R.T.: 7.063 min
Delta R.T.: 0.003 min
Response: 106787
Conc: 27.43 ng/ml



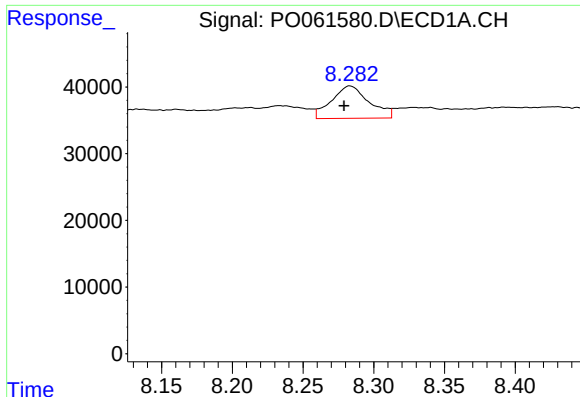
#36 AR-1262-1

R.T.: 7.745 min
Delta R.T.: 0.006 min
Response: 49818
Conc: 13.00 ng/ml



#36 AR-1262-1

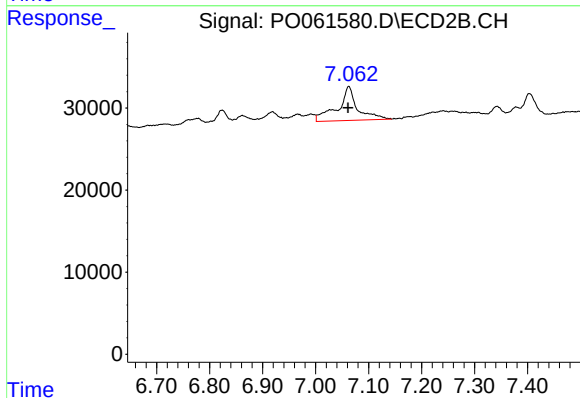
R.T.: 6.622 min
Delta R.T.: 0.003 min
Response: 11433
Conc: 9.37 ng/ml



#37 AR-1262-2

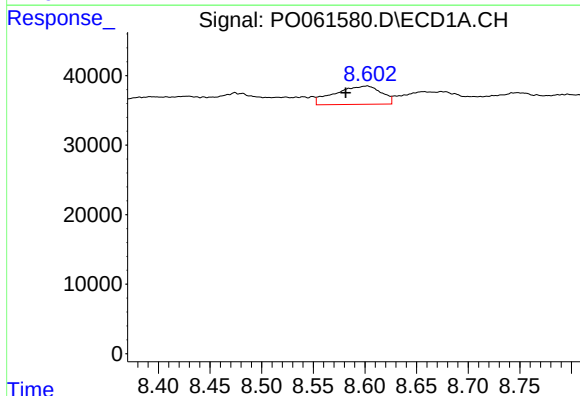
R.T.: 8.283 min
Delta R.T.: 0.004 min
Response: 89708
Conc: 14.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



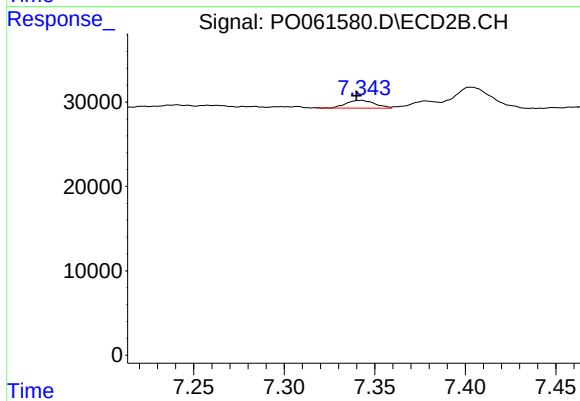
#37 AR-1262-2

R.T.: 7.063 min
Delta R.T.: 0.002 min
Response: 106787
Conc: 23.22 ng/ml



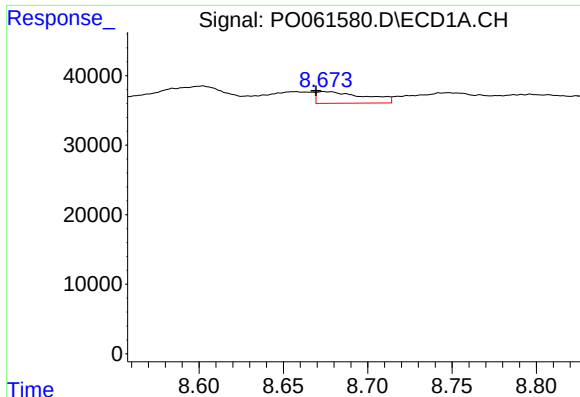
#38 AR-1262-3

R.T.: 8.602 min
Delta R.T.: 0.021 min
Response: 82175
Conc: 19.77 ng/ml



#38 AR-1262-3

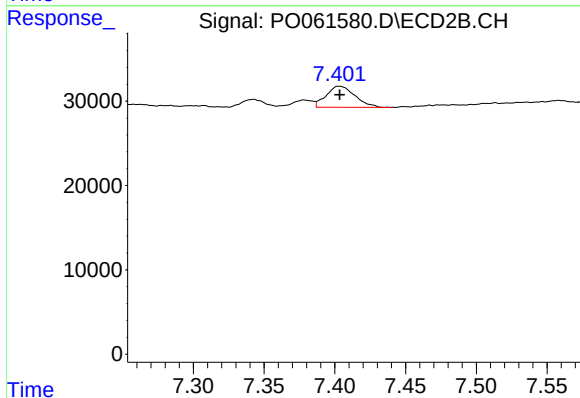
R.T.: 7.342 min
Delta R.T.: 0.002 min
Response: 10049
Conc: 5.33 ng/ml



#39 AR-1262-4

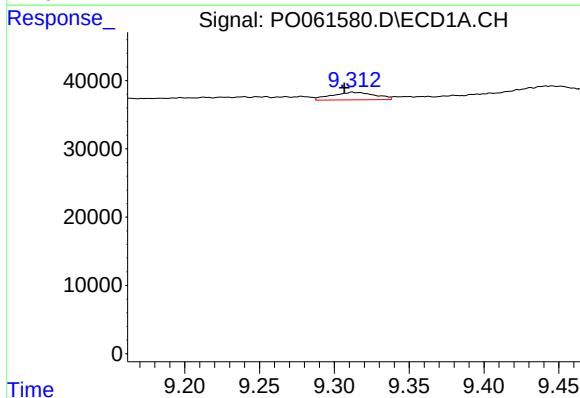
R.T.: 8.674 min
Delta R.T.: 0.005 min
Response: 32645
Conc: 10.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



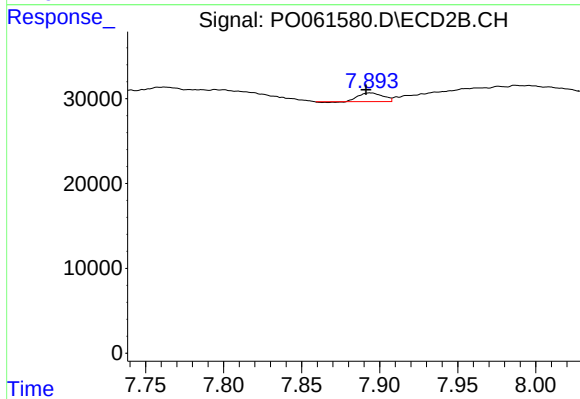
#39 AR-1262-4

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 35428
Conc: 10.54 ng/ml



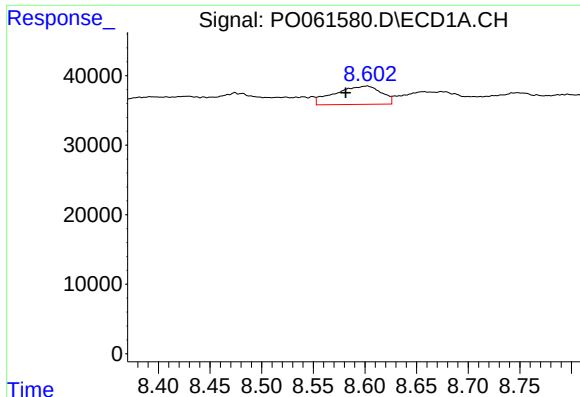
#40 AR-1262-5

R.T.: 9.312 min
Delta R.T.: 0.006 min
Response: 22143
Conc: 10.89 ng/ml



#40 AR-1262-5

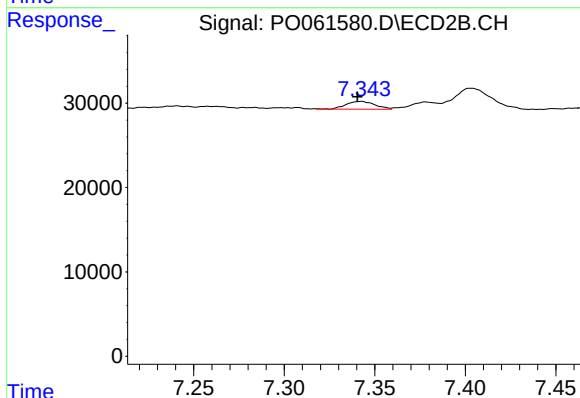
R.T.: 7.894 min
Delta R.T.: 0.003 min
Response: 10997
Conc: 7.25 ng/ml



#41 AR-1268-1

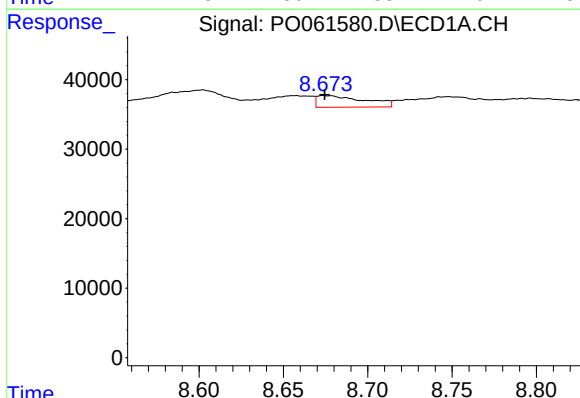
R.T.: 8.602 min
Delta R.T.: 0.021 min
Response: 82175
Conc: 12.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



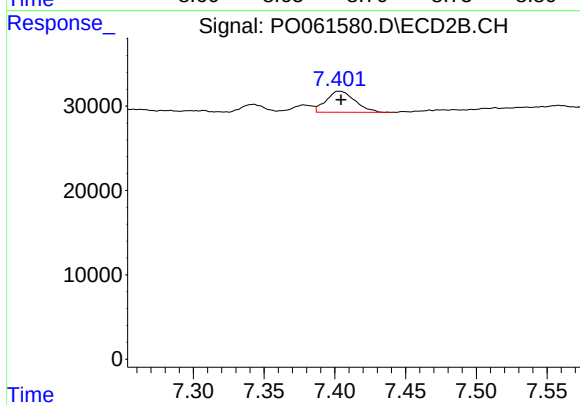
#41 AR-1268-1

R.T.: 7.342 min
Delta R.T.: 0.002 min
Response: 10049
Conc: 2.08 ng/ml



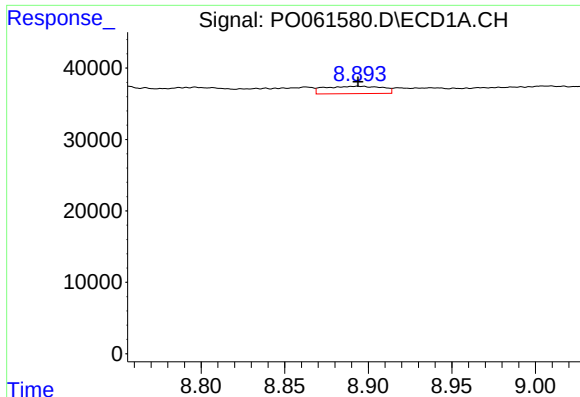
#42 AR-1268-2

R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 32645
Conc: 5.27 ng/ml



#42 AR-1268-2

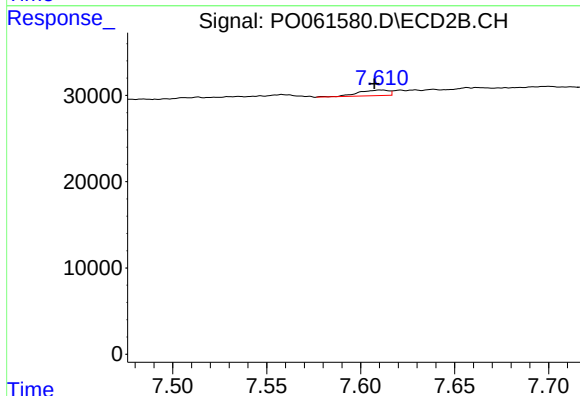
R.T.: 7.403 min
Delta R.T.: -0.001 min
Response: 35428
Conc: 8.22 ng/ml



#43 AR-1268-3

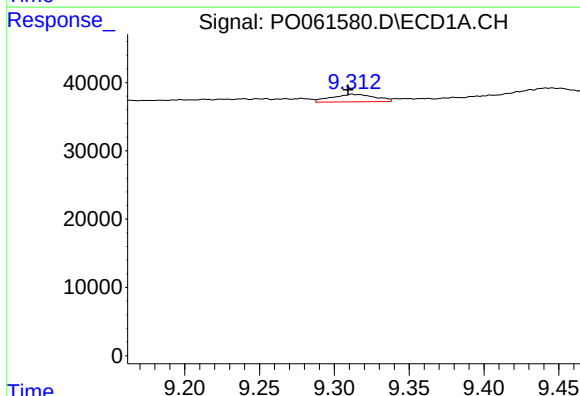
R.T.: 8.894 min
Delta R.T.: 0.000 min
Response: 24948
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



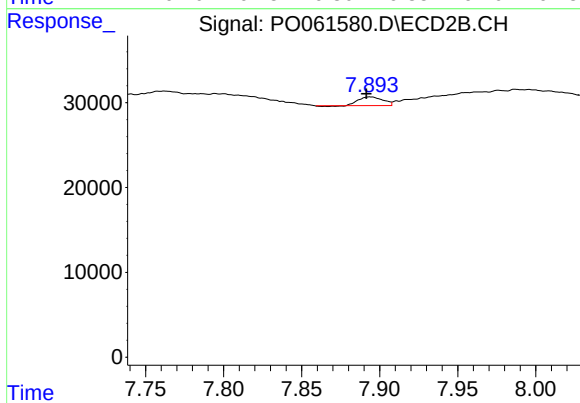
#43 AR-1268-3

R.T.: 7.611 min
Delta R.T.: 0.004 min
Response: 7455
Conc: 2.08 ng/ml



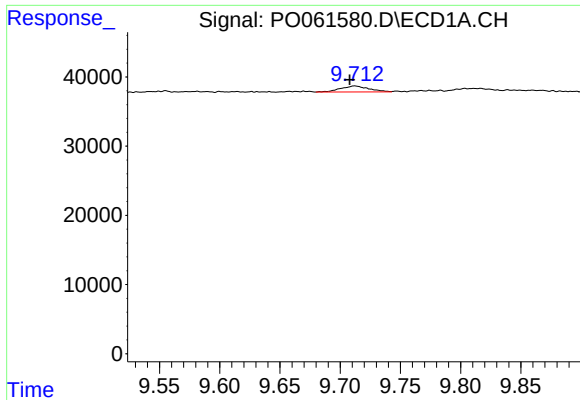
#44 AR-1268-4

R.T.: 9.312 min
Delta R.T.: 0.003 min
Response: 22143
Conc: 10.13 ng/ml



#44 AR-1268-4

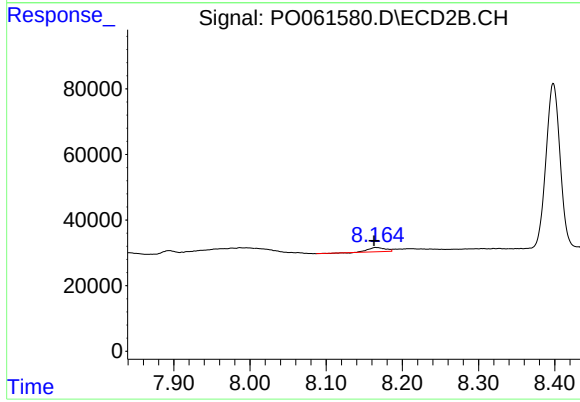
R.T.: 7.894 min
Delta R.T.: 0.003 min
Response: 10997
Conc: 6.83 ng/ml



#45 AR-1268-5

R.T.: 9.712 min
Delta R.T.: 0.004 min
Response: 14119
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.165 min
Delta R.T.: 0.002 min
Response: 19701
Conc: 1.96 ng/ml