

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111519\
 Data File : P0063761.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Nov 2019 20:11
 Operator : SM/AJ
 Sample : K5852-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 21970

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 03:39:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 15 01:29:03 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...	4.317	3.570	491971	374405	16.091	16.856
2)	SA Decachlor...	9.940	8.540	376027	307744	9.254	10.522
Target Compounds							
3)	L1 AR-1016-1	5.411	4.668	26022	7391	18.737	7.212 #
4)	L1 AR-1016-2	5.561	4.668	15780	7391	8.040	5.425 #
5)	L1 AR-1016-3	5.561	4.904	15780	60135	12.632	80.759 #
6)	L1 AR-1016-4	5.683	4.904	77014	60135	74.879	96.524 #
7)	L1 AR-1016-5	0.000	5.041	0	8312	N.D.	10.465 #
8)	L2 AR-1221-1	0.000	3.826	0	19183	N.D.	70.612 #
9)	L2 AR-1221-2	4.622	3.871	6395	25691	20.387	122.184 #
10)	L2 AR-1221-3	4.622	3.987	6395	68876	6.742	103.325 #
11)	L3 AR-1232-1	4.622	3.987	6395	68876	4.808	73.068 #
12)	L3 AR-1232-2	5.173	4.668	64391	7391	90.294	7.334 #
13)	L3 AR-1232-3	5.561	4.904	15780	60135	11.029	113.614 #
14)	L3 AR-1232-4	5.683	4.904	77014	60135	103.741	128.084
15)	L3 AR-1232-5	5.743	5.041	5475	8312	9.341	16.124 #
16)	L4 AR-1242-1	5.411	4.668	26022	7391	24.595	9.369 #
17)	L4 AR-1242-2	5.561	4.668	15780	7391	10.520	6.981 #
18)	L4 AR-1242-3	5.561	4.904	15780	60135	16.512	104.960 #
19)	L4 AR-1242-4	5.683	4.904	77014	60135	98.060	105.325
20)	L4 AR-1242-5	6.334	5.444	84993	16077	81.791	20.656 #
21)	L5 AR-1248-1	5.411	4.668	26022	7391	29.796	11.469 #
22)	L5 AR-1248-2	5.743	4.904	5475	60135	4.321	69.772 #
23)	L5 AR-1248-3	0.000	4.904	0	60135	N.D.	67.969 #
24)	L5 AR-1248-4	6.334	5.041	84993	8312	49.103	7.721 #
25)	L5 AR-1248-5	6.334	5.489	84993	14340	50.391	12.857 #
26)	L6 AR-1254-1	6.334	5.444	84993	16077	48.650	9.074 #
27)	L6 AR-1254-2	6.545	5.589	21386	21147	7.672	13.412 #
28)	L6 AR-1254-3	6.904	5.992	31483	8978	10.028	3.348 #
29)	L6 AR-1254-4	0.000	6.224	0	10934	N.D.	6.166 #
30)	L6 AR-1254-5	7.611	6.642	18630	34544	6.873	13.825 #
31)	L7 AR-1260-1	0.000	6.056	0	6552	N.D.	4.172 #
32)	L7 AR-1260-2	7.323	6.308	26512	15387	10.523	7.822 #
33)	L7 AR-1260-3	7.689	6.409	5924	3042	2.924	1.706 #
34)	L7 AR-1260-4	7.902	6.914	7200	39642	3.023	25.178 #
35)	L7 AR-1260-5	0.000	7.174	0	20328	N.D.	5.243 #
36)	L8 AR-1262-1	7.689	6.717	5924	15679	1.840	14.997 #
37)	L8 AR-1262-2	0.000	7.174	0	20328	N.D.	4.286 #
38)	L8 AR-1262-3	0.000	7.465	0	18419	N.D.	9.827 #
39)	L8 AR-1262-4	0.000	7.494	0	144636	N.D.	40.968 #
40)	L8 AR-1262-5	9.179	8.014	61845	33880	28.391	22.190
41)	L9 AR-1268-1	0.000	7.465	0	18419	N.D.	3.450 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111519\
 Data File : P0063761.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Nov 2019 20:11
 Operator : SM/AJ
 Sample : K5852-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 21970

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 03:39:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 15 01:29:03 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

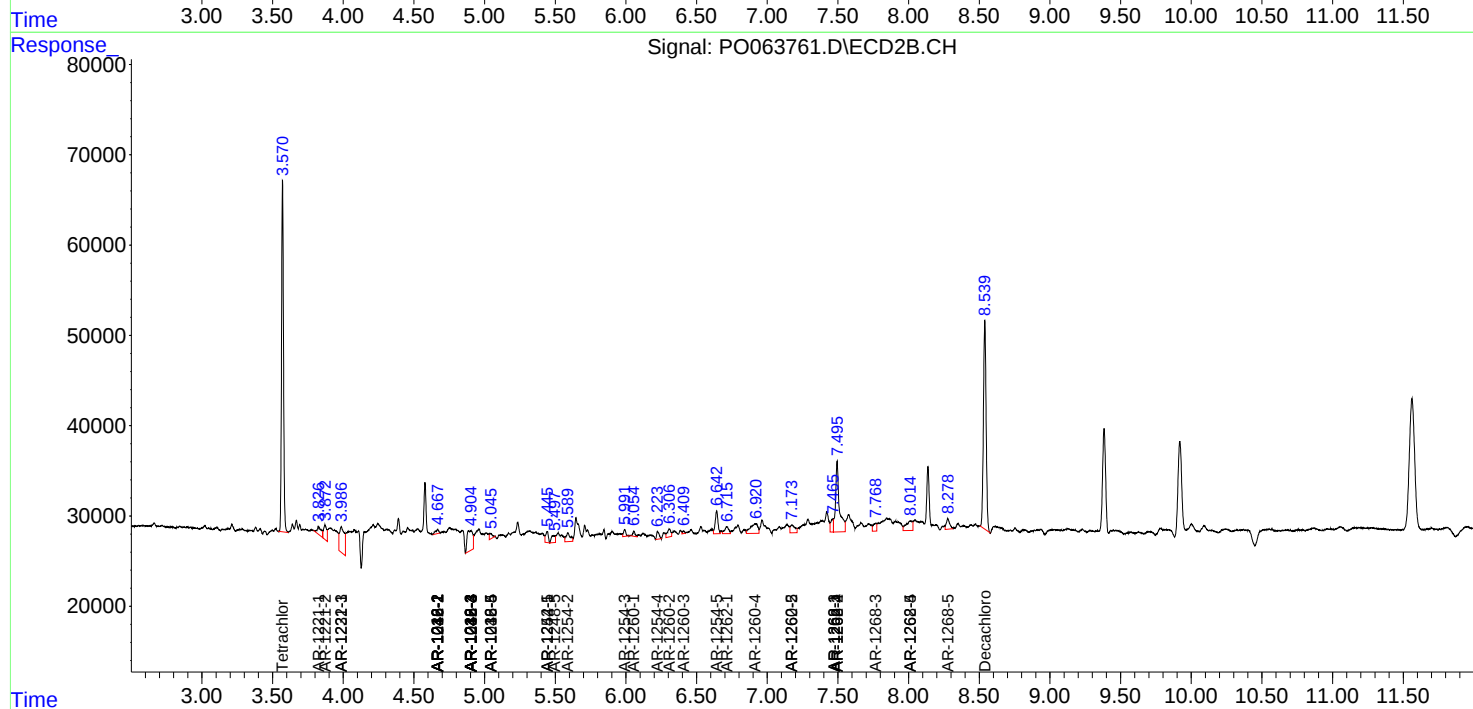
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

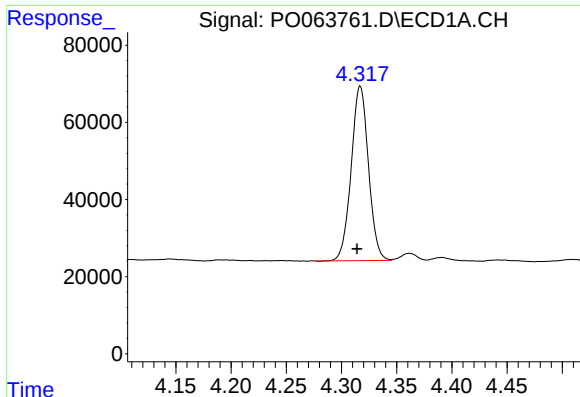
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.494	0	144636	N.D.	29.023 #
43) L9	AR-1268-3	8.753	7.768	28225	14552	5.437	3.666 #
44) L9	AR-1268-4	9.179	8.014	61845	33880	25.442	20.000
45) L9	AR-1268-5	0.000	8.277	0	19515	N.D.	1.650 #

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

Instrument :
ECD_O
ClientSampleId :
21970

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

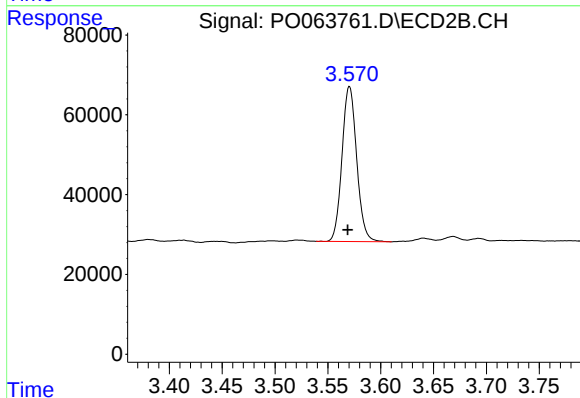




#1 Tetrachloro-m-xylene

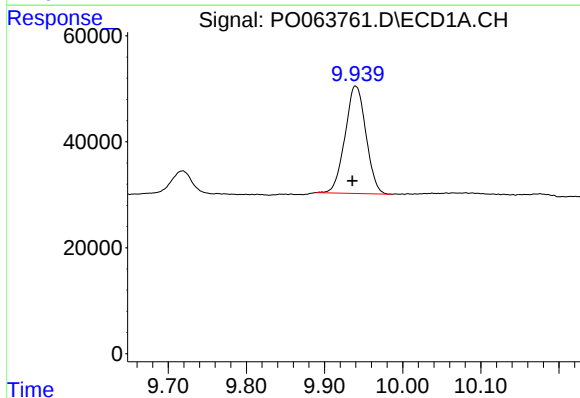
R.T.: 4.317 min
Delta R.T.: 0.003 min
Response: 491971
Conc: 16.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



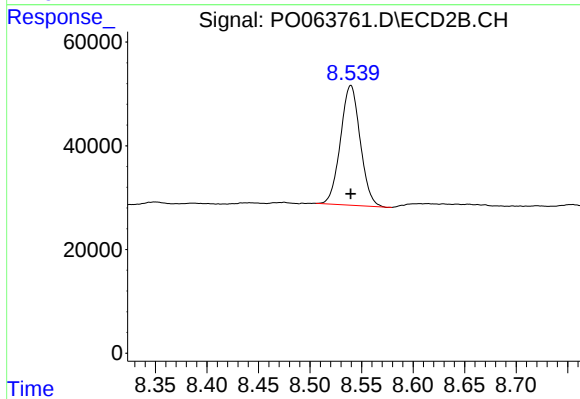
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.002 min
Response: 374405
Conc: 16.86 ng/ml



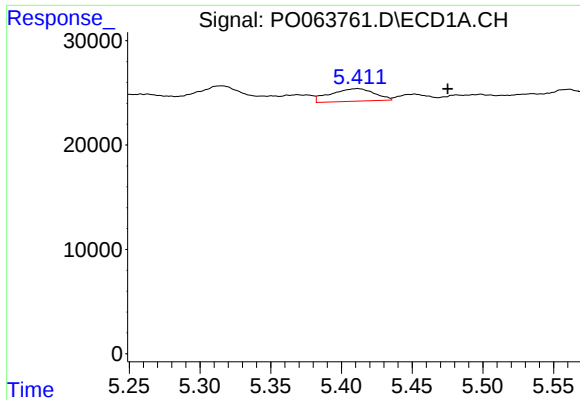
#2 Decachlorobiphenyl

R.T.: 9.940 min
Delta R.T.: 0.004 min
Response: 376027
Conc: 9.25 ng/ml



#2 Decachlorobiphenyl

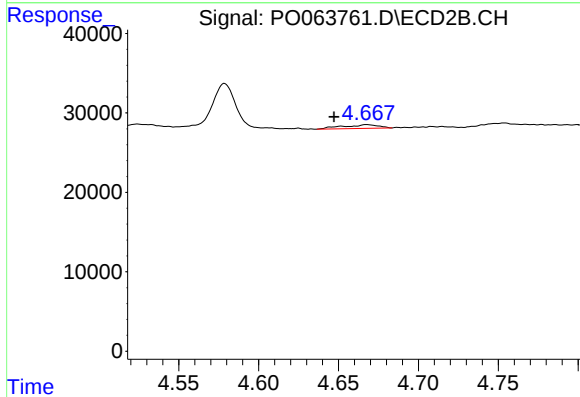
R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 307744
Conc: 10.52 ng/ml



#3 AR-1016-1

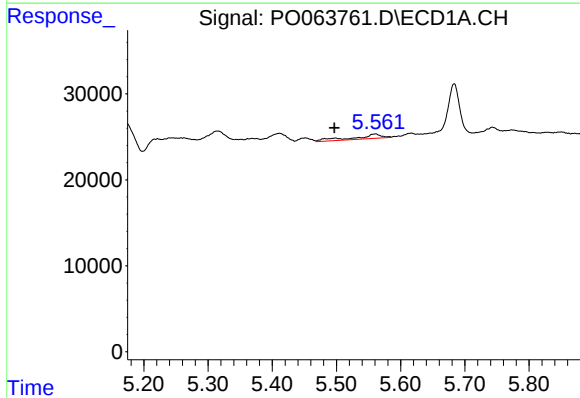
R.T.: 5.411 min
Delta R.T.: -0.064 min
Response: 26022
Conc: 18.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



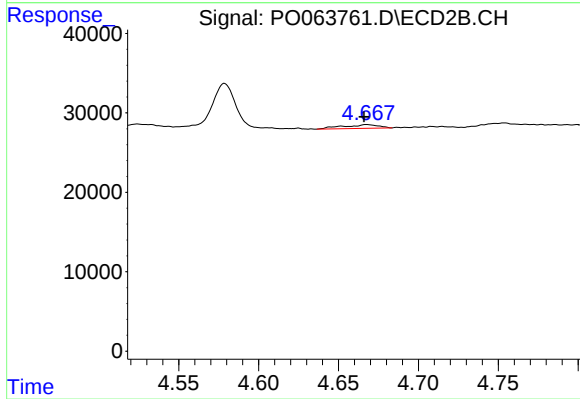
#3 AR-1016-1

R.T.: 4.668 min
Delta R.T.: 0.021 min
Response: 7391
Conc: 7.21 ng/ml



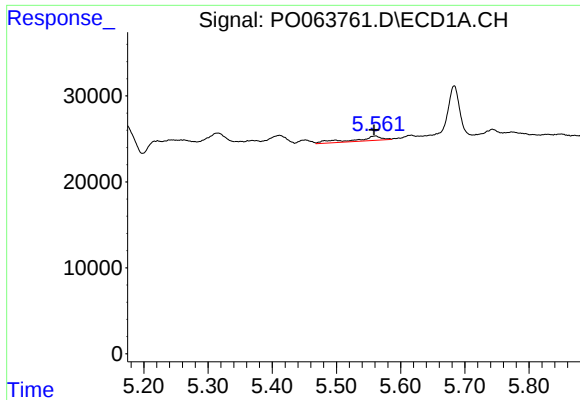
#4 AR-1016-2

R.T.: 5.561 min
Delta R.T.: 0.064 min
Response: 15780
Conc: 8.04 ng/ml



#4 AR-1016-2

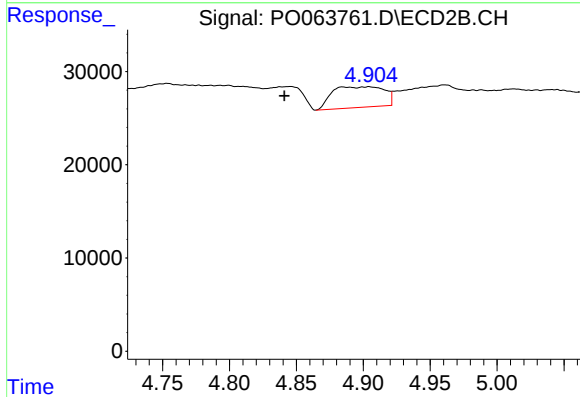
R.T.: 4.668 min
Delta R.T.: 0.002 min
Response: 7391
Conc: 5.42 ng/ml



#5 AR-1016-3

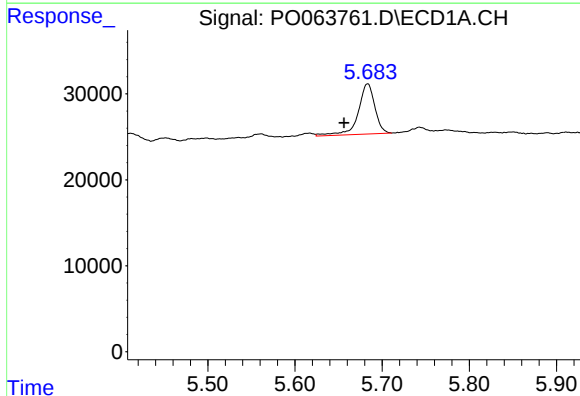
R.T.: 5.561 min
Delta R.T.: 0.002 min
Response: 15780
Conc: 12.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



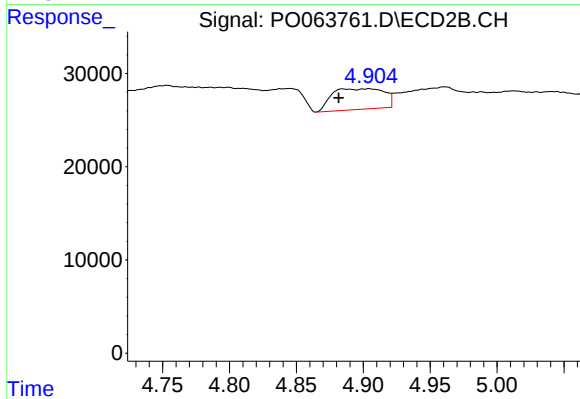
#5 AR-1016-3

R.T.: 4.904 min
Delta R.T.: 0.063 min
Response: 60135
Conc: 80.76 ng/ml



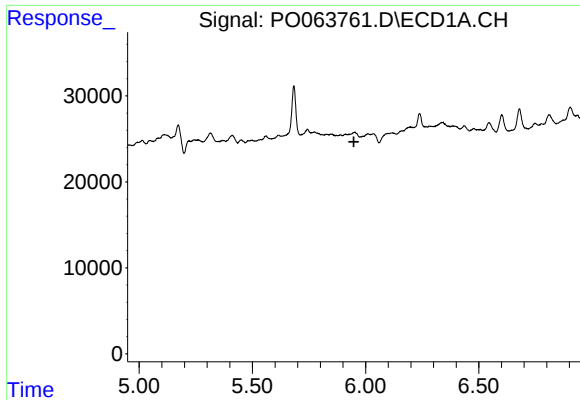
#6 AR-1016-4

R.T.: 5.683 min
Delta R.T.: 0.027 min
Response: 77014
Conc: 74.88 ng/ml



#6 AR-1016-4

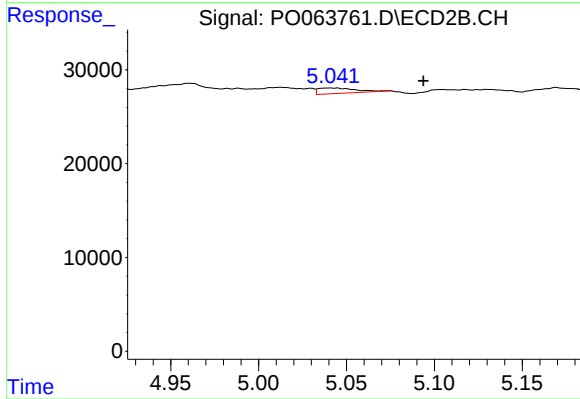
R.T.: 4.904 min
Delta R.T.: 0.023 min
Response: 60135
Conc: 96.52 ng/ml



#7 AR-1016-5

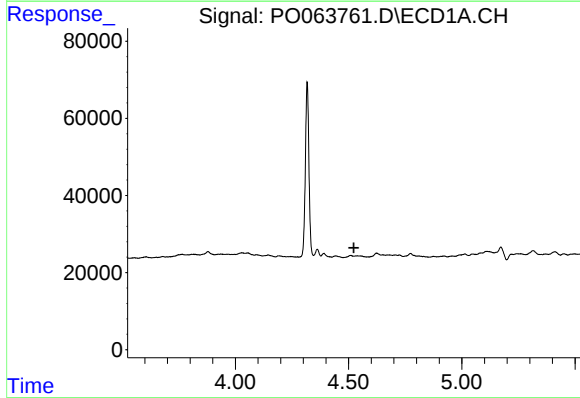
R.T.: 0.000 min
Exp R.T.: 5.949 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
21970



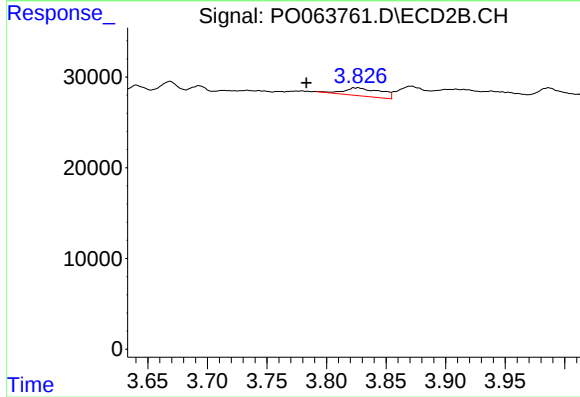
#7 AR-1016-5

R.T.: 5.041 min
Delta R.T.: -0.053 min
Response: 8312
Conc: 10.47 ng/ml



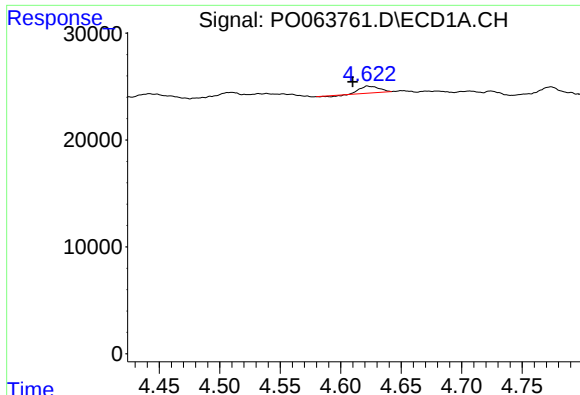
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.



#8 AR-1221-1

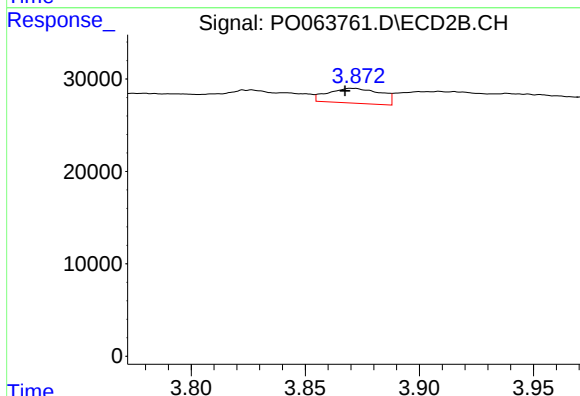
R.T.: 3.826 min
Delta R.T.: 0.043 min
Response: 19183
Conc: 70.61 ng/ml



#9 AR-1221-2

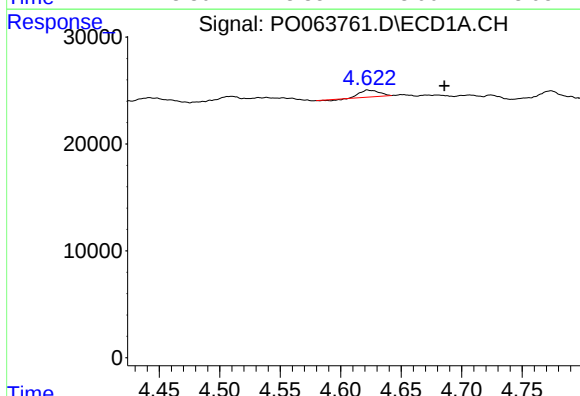
R.T.: 4.622 min
Delta R.T.: 0.013 min
Response: 6395
Conc: 20.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



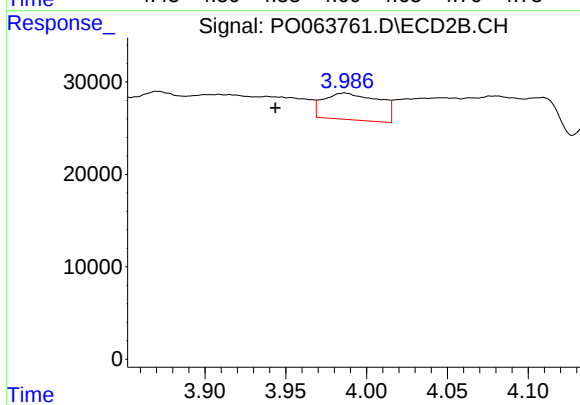
#9 AR-1221-2

R.T.: 3.871 min
Delta R.T.: 0.003 min
Response: 25691
Conc: 122.18 ng/ml



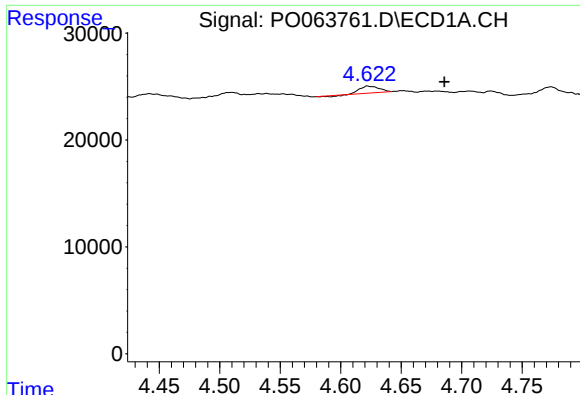
#10 AR-1221-3

R.T.: 4.622 min
Delta R.T.: -0.063 min
Response: 6395
Conc: 6.74 ng/ml



#10 AR-1221-3

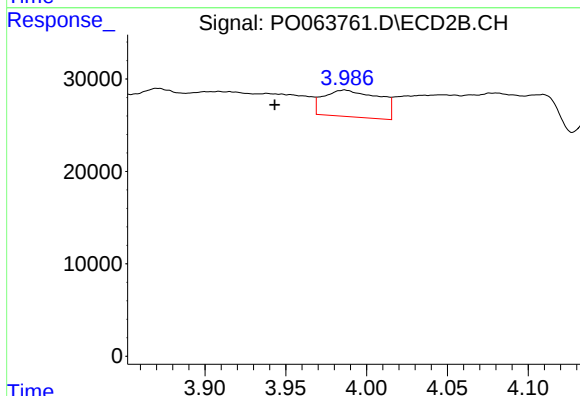
R.T.: 3.987 min
Delta R.T.: 0.043 min
Response: 68876
Conc: 103.32 ng/ml



#11 AR-1232-1

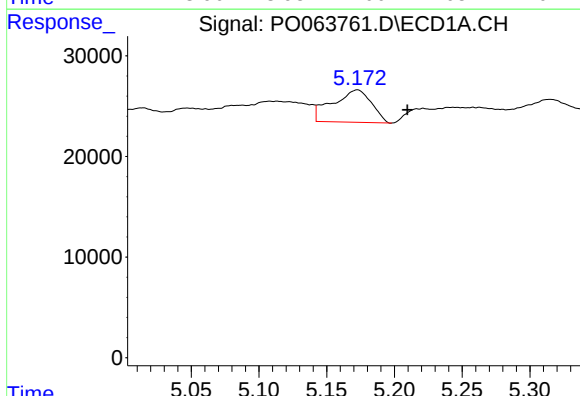
R.T.: 4.622 min
Delta R.T.: -0.063 min
Response: 6395
Conc: 4.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



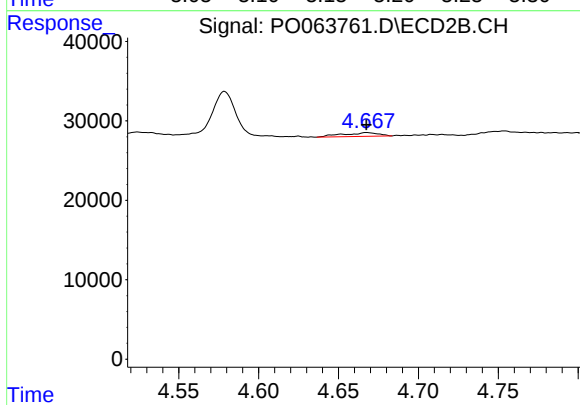
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: 0.043 min
Response: 68876
Conc: 73.07 ng/ml



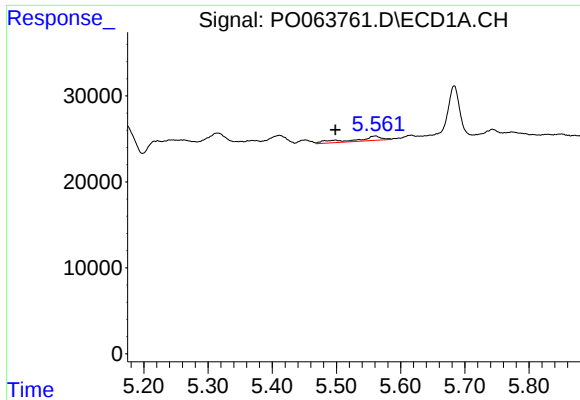
#12 AR-1232-2

R.T.: 5.173 min
Delta R.T.: -0.037 min
Response: 64391
Conc: 90.29 ng/ml



#12 AR-1232-2

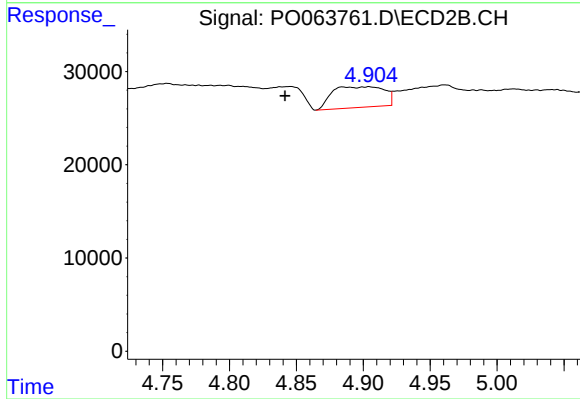
R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 7391
Conc: 7.33 ng/ml



#13 AR-1232-3

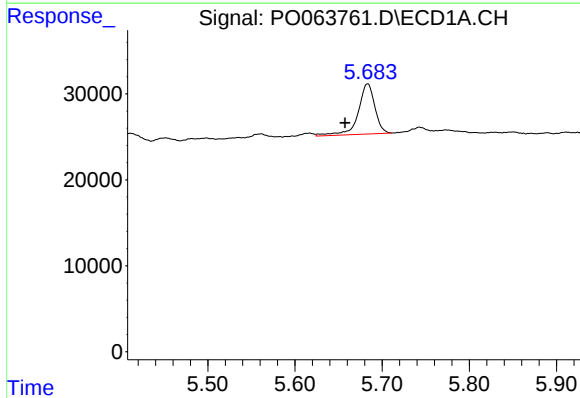
R.T.: 5.561 min
Delta R.T.: 0.063 min
Response: 15780
Conc: 11.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



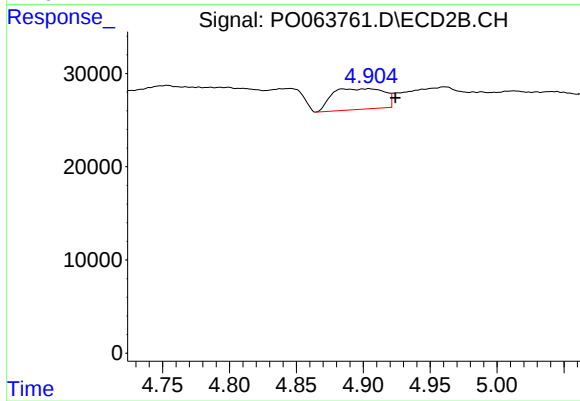
#13 AR-1232-3

R.T.: 4.904 min
Delta R.T.: 0.063 min
Response: 60135
Conc: 113.61 ng/ml



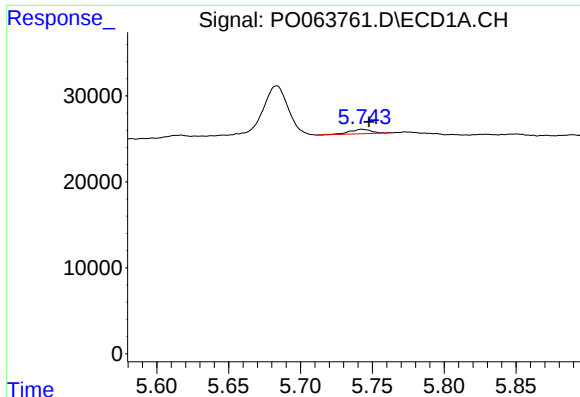
#14 AR-1232-4

R.T.: 5.683 min
Delta R.T.: 0.026 min
Response: 77014
Conc: 103.74 ng/ml



#14 AR-1232-4

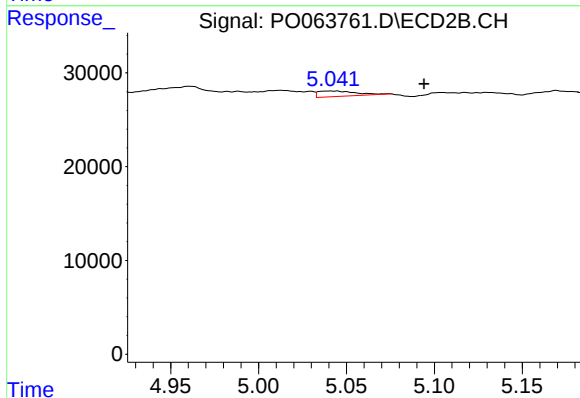
R.T.: 4.904 min
Delta R.T.: -0.020 min
Response: 60135
Conc: 128.08 ng/ml



#15 AR-1232-5

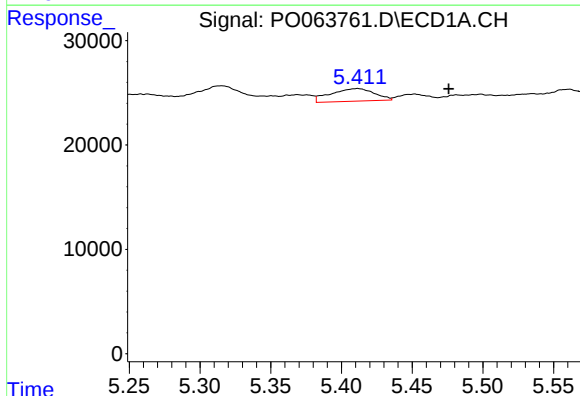
R.T.: 5.743 min
Delta R.T.: -0.005 min
Response: 5475
Conc: 9.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



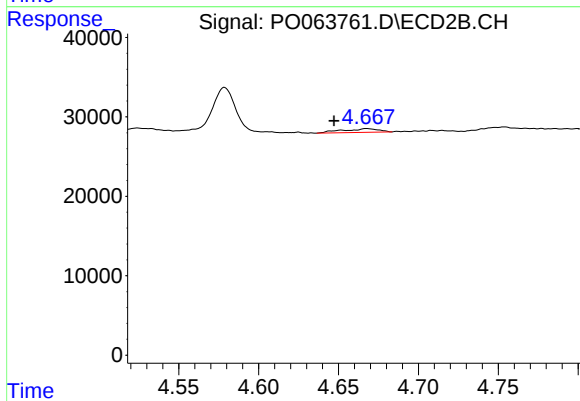
#15 AR-1232-5

R.T.: 5.041 min
Delta R.T.: -0.053 min
Response: 8312
Conc: 16.12 ng/ml



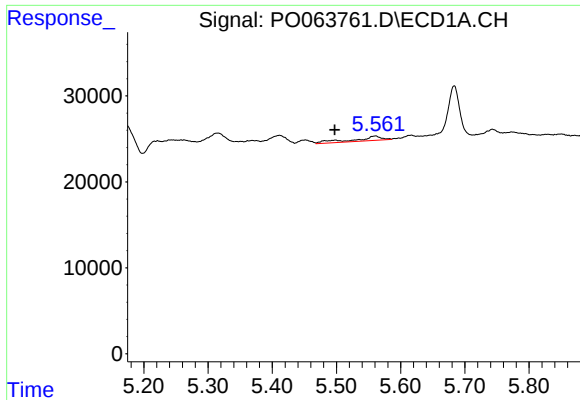
#16 AR-1242-1

R.T.: 5.411 min
Delta R.T.: -0.064 min
Response: 26022
Conc: 24.59 ng/ml



#16 AR-1242-1

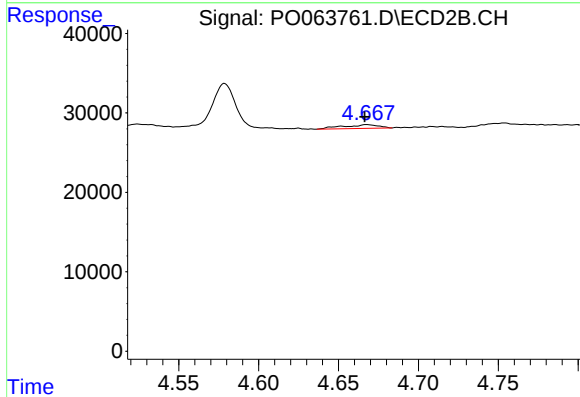
R.T.: 4.668 min
Delta R.T.: 0.021 min
Response: 7391
Conc: 9.37 ng/ml



#17 AR-1242-2

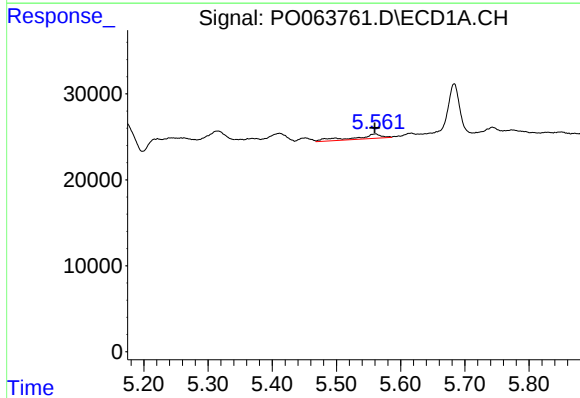
R.T.: 5.561 min
Delta R.T.: 0.063 min
Response: 15780
Conc: 10.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



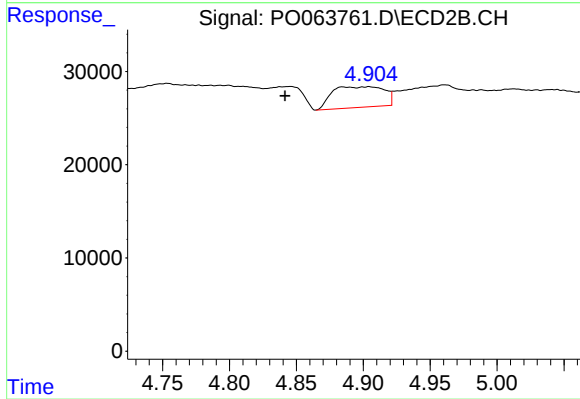
#17 AR-1242-2

R.T.: 4.668 min
Delta R.T.: 0.001 min
Response: 7391
Conc: 6.98 ng/ml



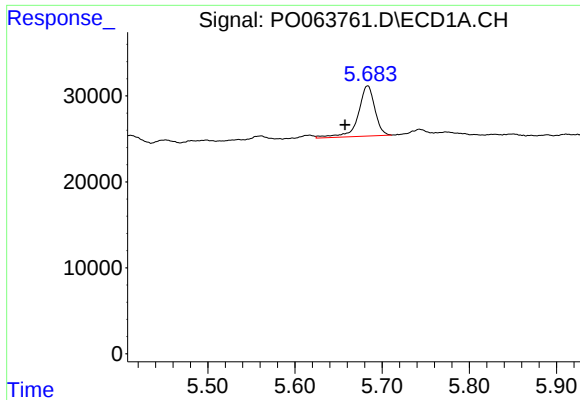
#18 AR-1242-3

R.T.: 5.561 min
Delta R.T.: 0.001 min
Response: 15780
Conc: 16.51 ng/ml



#18 AR-1242-3

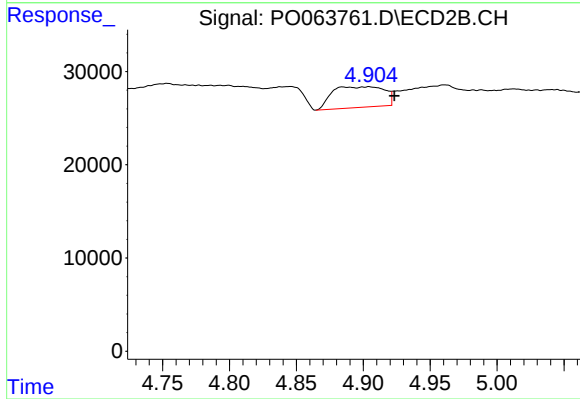
R.T.: 4.904 min
Delta R.T.: 0.063 min
Response: 60135
Conc: 104.96 ng/ml



#19 AR-1242-4

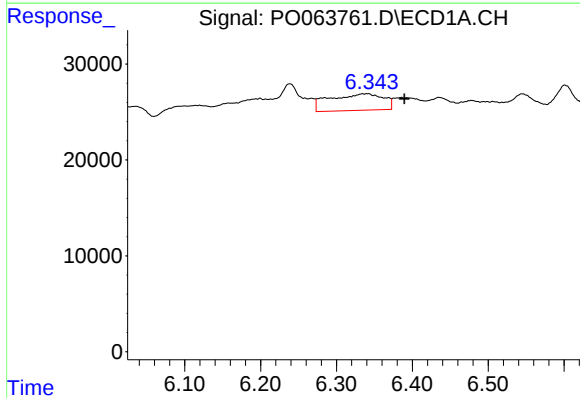
R.T.: 5.683 min
Delta R.T.: 0.026 min
Response: 77014
Conc: 98.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



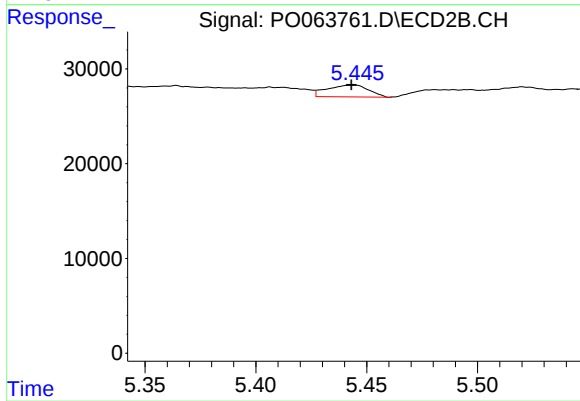
#19 AR-1242-4

R.T.: 4.904 min
Delta R.T.: -0.019 min
Response: 60135
Conc: 105.32 ng/ml



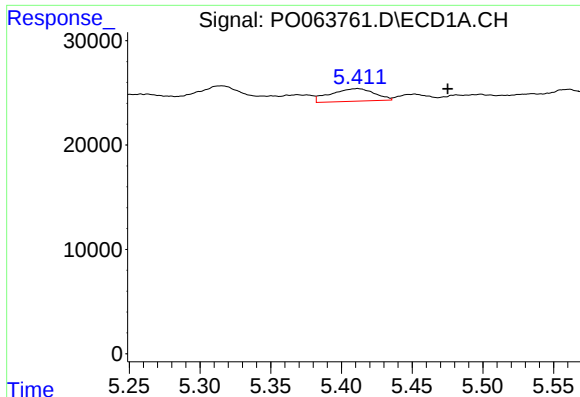
#20 AR-1242-5

R.T.: 6.334 min
Delta R.T.: -0.055 min
Response: 84993
Conc: 81.79 ng/ml



#20 AR-1242-5

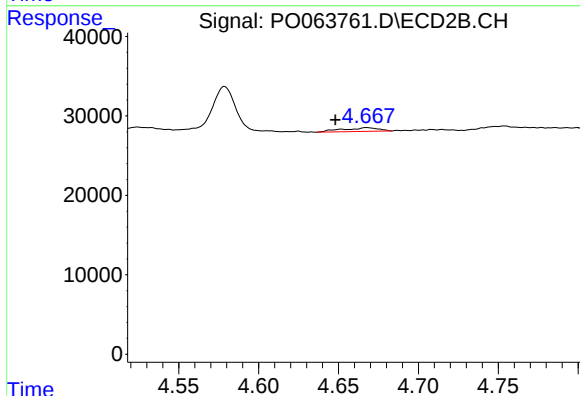
R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 16077
Conc: 20.66 ng/ml



#21 AR-1248-1

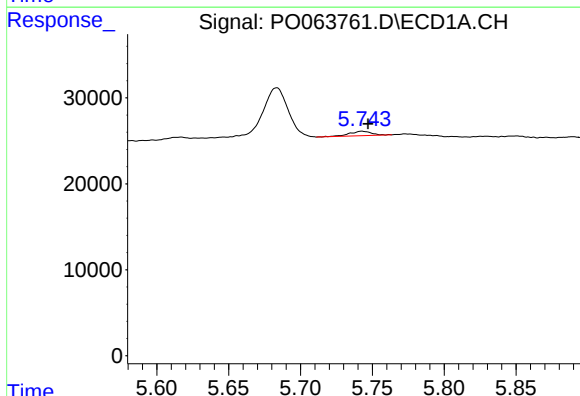
R.T.: 5.411 min
Delta R.T.: -0.064 min
Response: 26022
Conc: 29.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



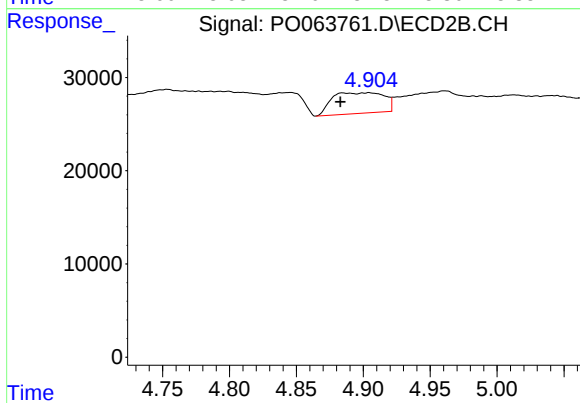
#21 AR-1248-1

R.T.: 4.668 min
Delta R.T.: 0.020 min
Response: 7391
Conc: 11.47 ng/ml



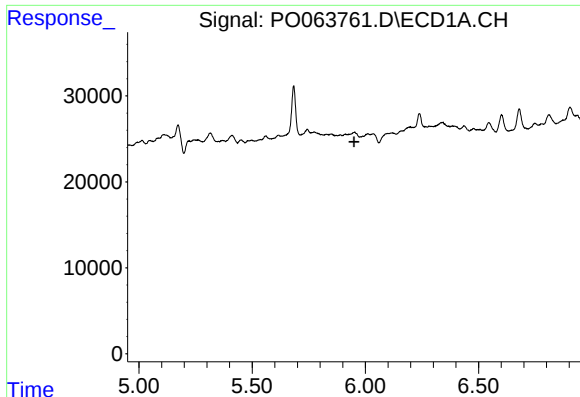
#22 AR-1248-2

R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 5475
Conc: 4.32 ng/ml



#22 AR-1248-2

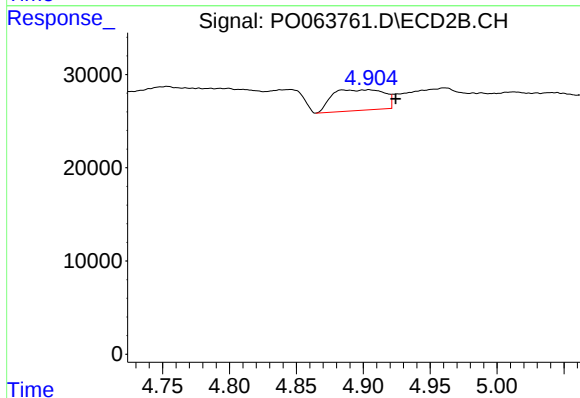
R.T.: 4.904 min
Delta R.T.: 0.022 min
Response: 60135
Conc: 69.77 ng/ml



#23 AR-1248-3

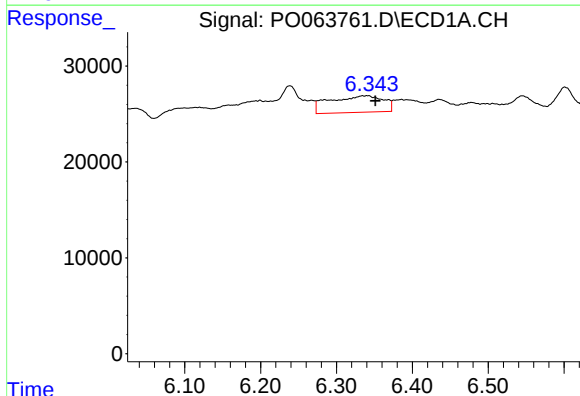
R.T.: 0.000 min
Exp R.T.: 5.950 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
21970



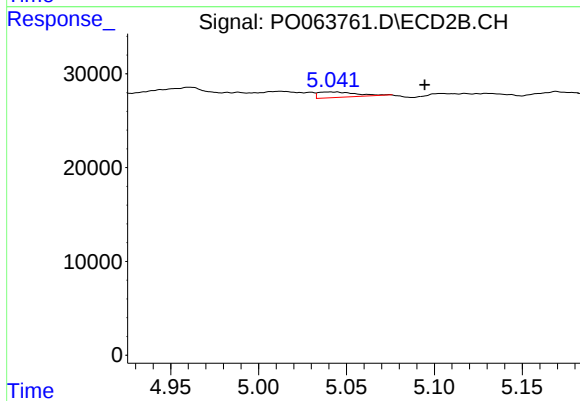
#23 AR-1248-3

R.T.: 4.904 min
Delta R.T.: -0.020 min
Response: 60135
Conc: 67.97 ng/ml



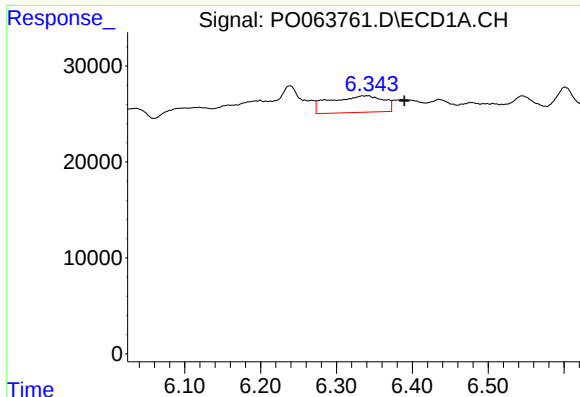
#24 AR-1248-4

R.T.: 6.334 min
Delta R.T.: -0.017 min
Response: 84993
Conc: 49.10 ng/ml



#24 AR-1248-4

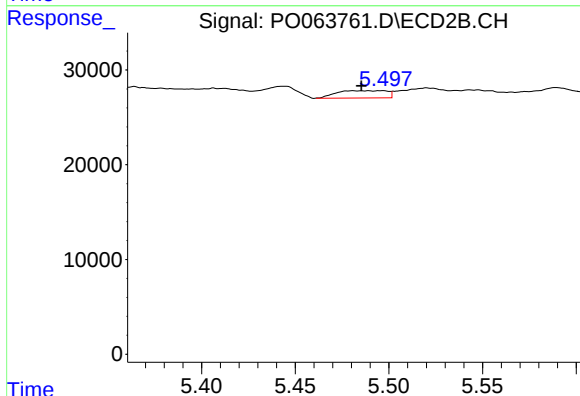
R.T.: 5.041 min
Delta R.T.: -0.054 min
Response: 8312
Conc: 7.72 ng/ml



#25 AR-1248-5

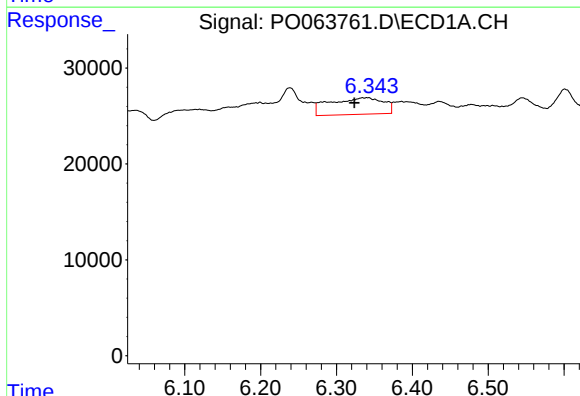
R.T.: 6.334 min
Delta R.T.: -0.055 min
Response: 84993
Conc: 50.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



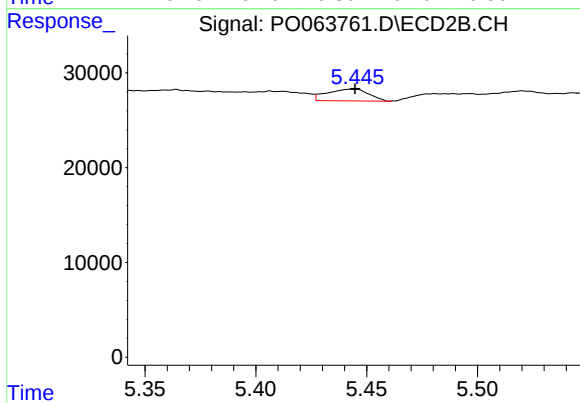
#25 AR-1248-5

R.T.: 5.489 min
Delta R.T.: 0.004 min
Response: 14340
Conc: 12.86 ng/ml



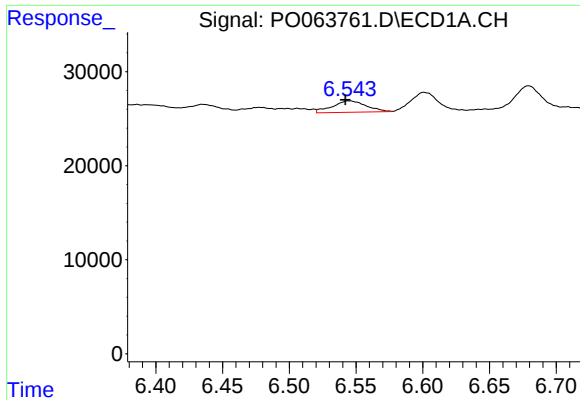
#26 AR-1254-1

R.T.: 6.334 min
Delta R.T.: 0.011 min
Response: 84993
Conc: 48.65 ng/ml



#26 AR-1254-1

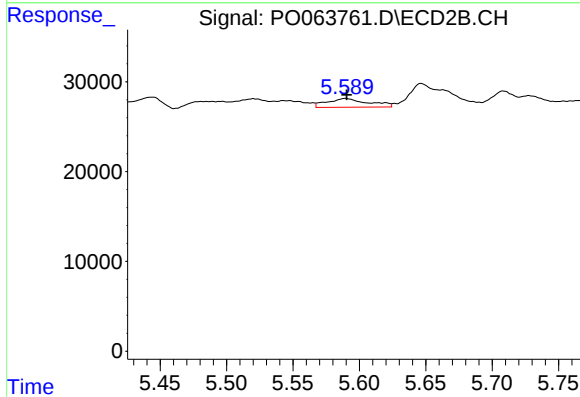
R.T.: 5.444 min
Delta R.T.: -0.001 min
Response: 16077
Conc: 9.07 ng/ml



#27 AR-1254-2

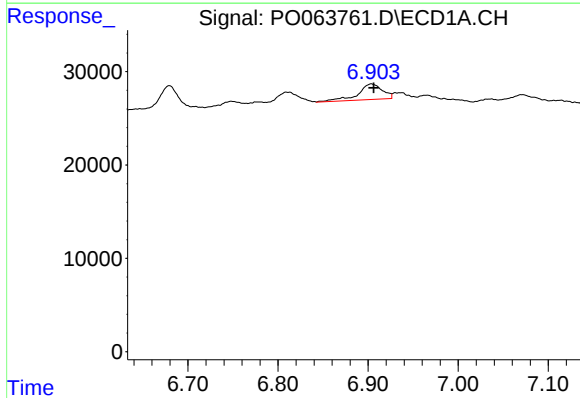
R.T.: 6.545 min
Delta R.T.: 0.003 min
Response: 21386
Conc: 7.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



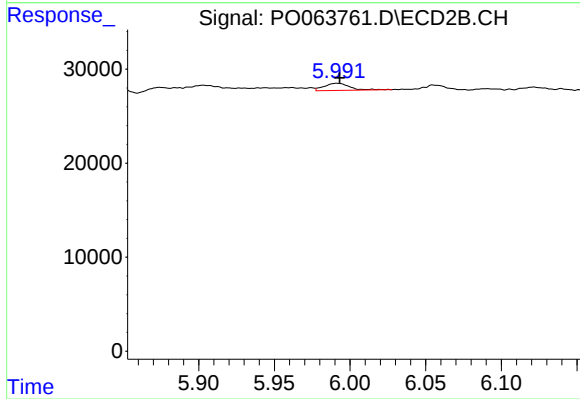
#27 AR-1254-2

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 21147
Conc: 13.41 ng/ml



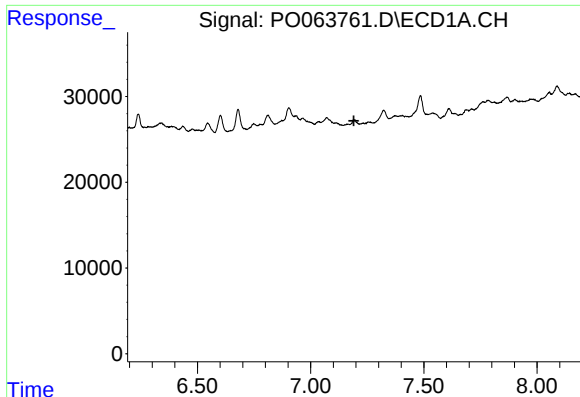
#28 AR-1254-3

R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 31483
Conc: 10.03 ng/ml



#28 AR-1254-3

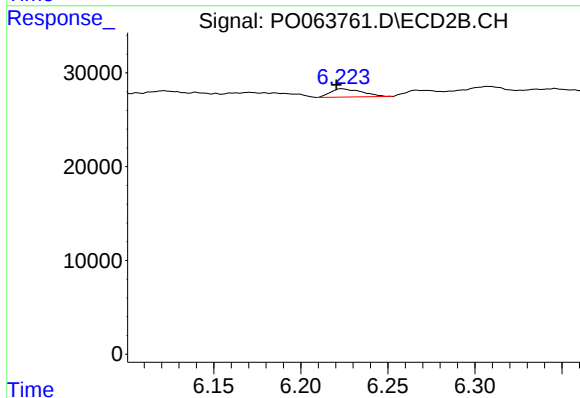
R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 8978
Conc: 3.35 ng/ml



#29 AR-1254-4

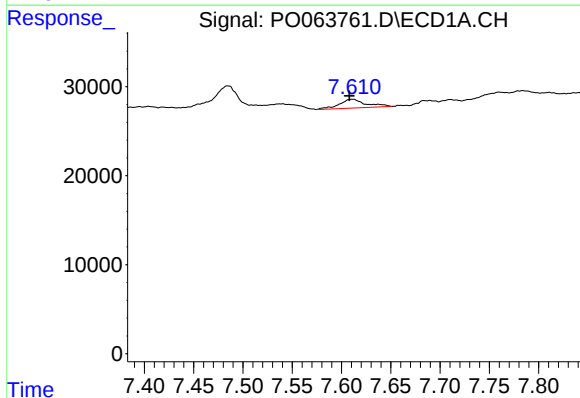
R.T.: 0.000 min
Exp R.T.: 7.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
21970



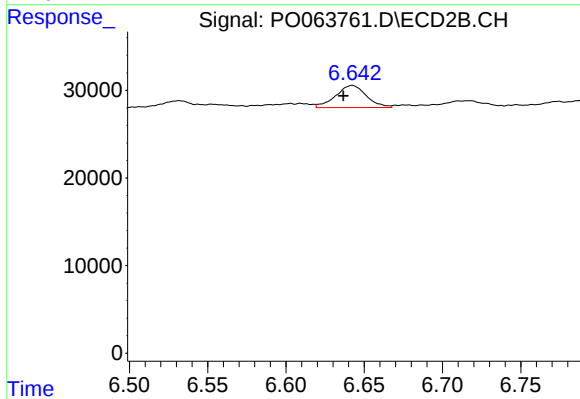
#29 AR-1254-4

R.T.: 6.224 min
Delta R.T.: 0.003 min
Response: 10934
Conc: 6.17 ng/ml



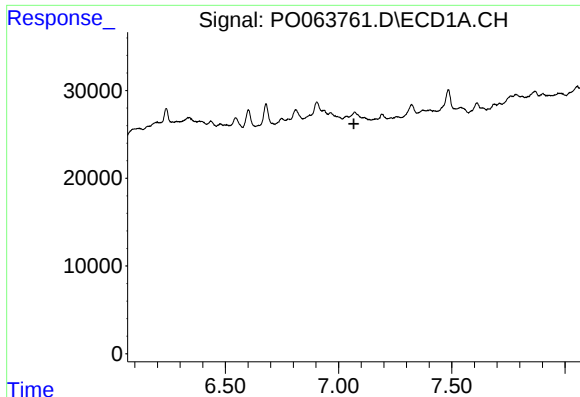
#30 AR-1254-5

R.T.: 7.611 min
Delta R.T.: 0.004 min
Response: 18630
Conc: 6.87 ng/ml



#30 AR-1254-5

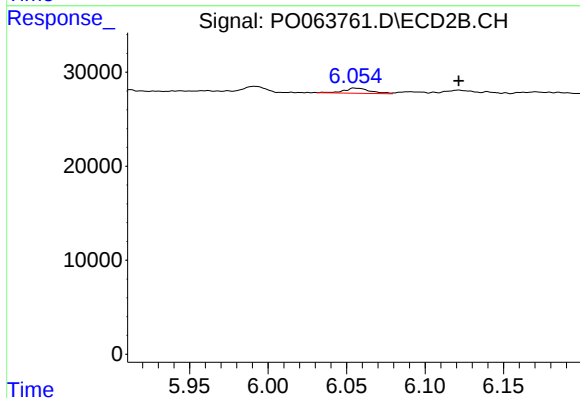
R.T.: 6.642 min
Delta R.T.: 0.006 min
Response: 34544
Conc: 13.82 ng/ml



#31 AR-1260-1

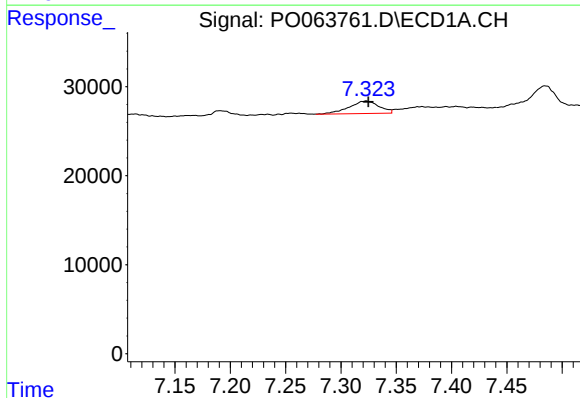
R.T.: 0.000 min
Exp R.T.: 7.067 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
21970



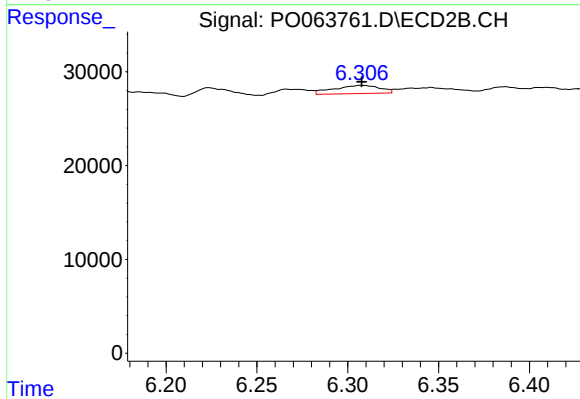
#31 AR-1260-1

R.T.: 6.056 min
Delta R.T.: -0.066 min
Response: 6552
Conc: 4.17 ng/ml



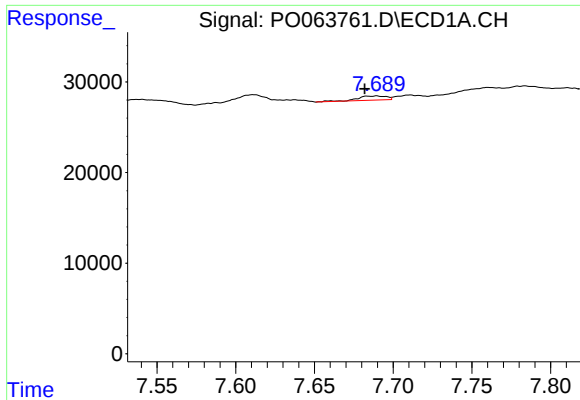
#32 AR-1260-2

R.T.: 7.323 min
Delta R.T.: -0.002 min
Response: 26512
Conc: 10.52 ng/ml



#32 AR-1260-2

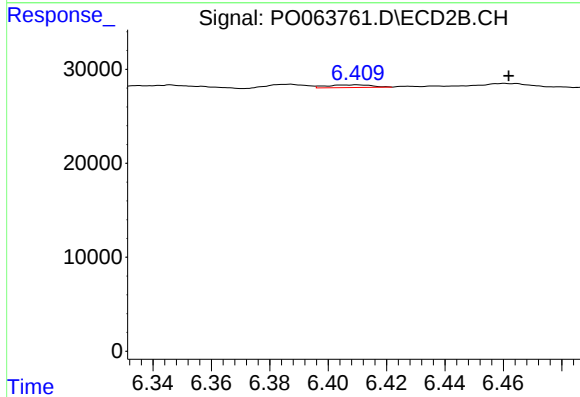
R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 15387
Conc: 7.82 ng/ml



#33 AR-1260-3

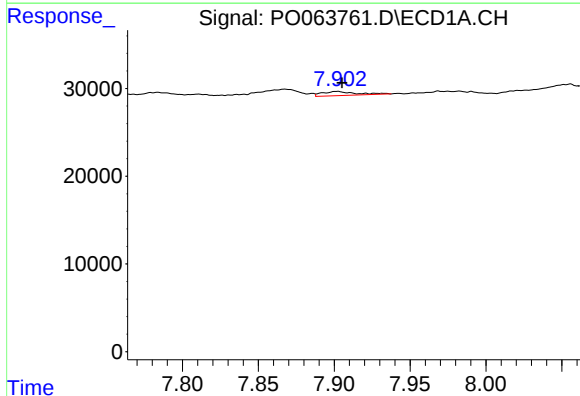
R.T.: 7.689 min
Delta R.T.: 0.007 min
Response: 5924
Conc: 2.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



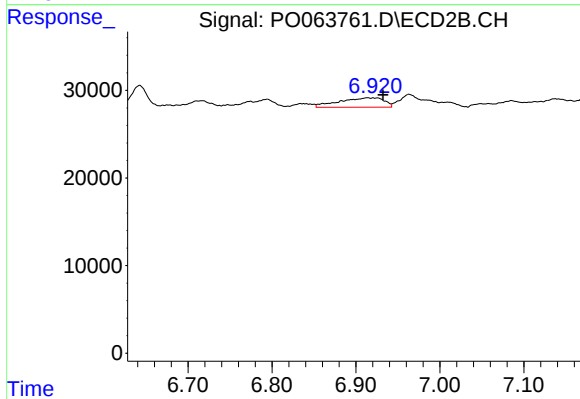
#33 AR-1260-3

R.T.: 6.409 min
Delta R.T.: -0.052 min
Response: 3042
Conc: 1.71 ng/ml



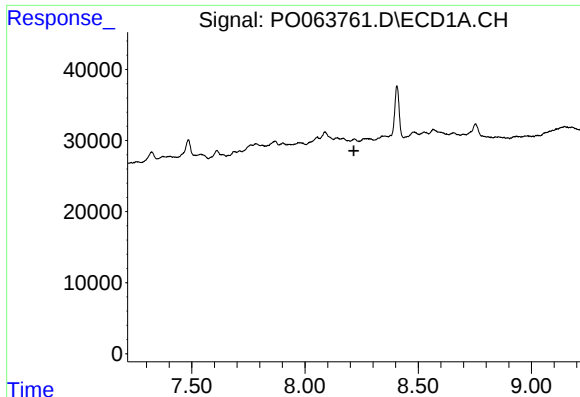
#34 AR-1260-4

R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 7200
Conc: 3.02 ng/ml



#34 AR-1260-4

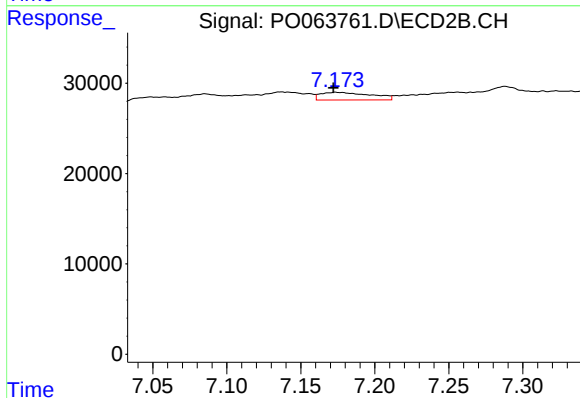
R.T.: 6.914 min
Delta R.T.: -0.018 min
Response: 39642
Conc: 25.18 ng/ml



#35 AR-1260-5

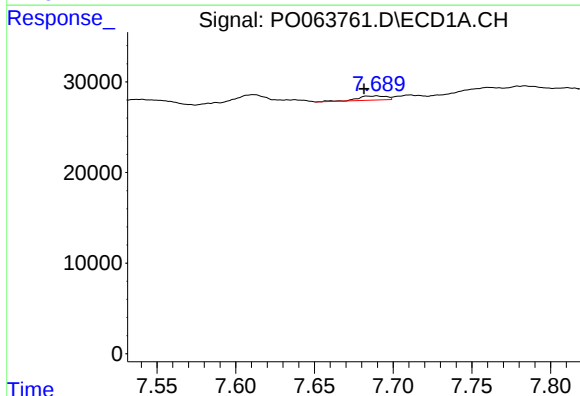
R.T.: 0.000 min
Exp R.T.: 8.216 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
21970



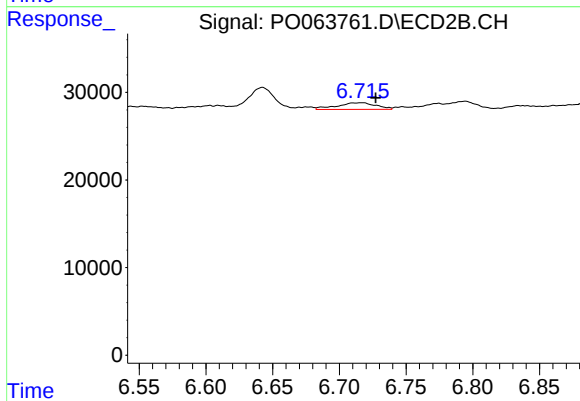
#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.002 min
Response: 20328
Conc: 5.24 ng/ml



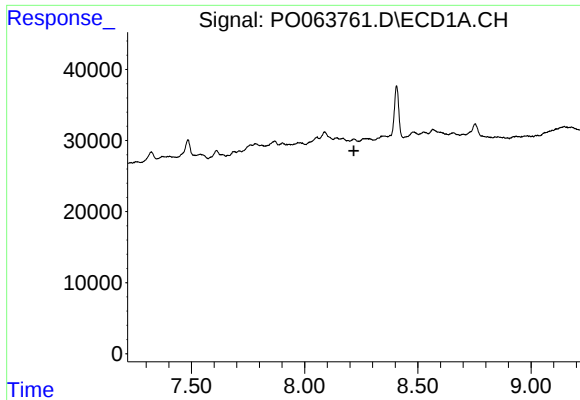
#36 AR-1262-1

R.T.: 7.689 min
Delta R.T.: 0.008 min
Response: 5924
Conc: 1.84 ng/ml



#36 AR-1262-1

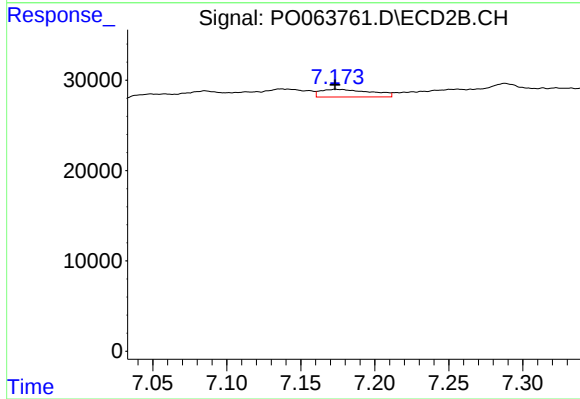
R.T.: 6.717 min
Delta R.T.: -0.011 min
Response: 15679
Conc: 15.00 ng/ml



#37 AR-1262-2

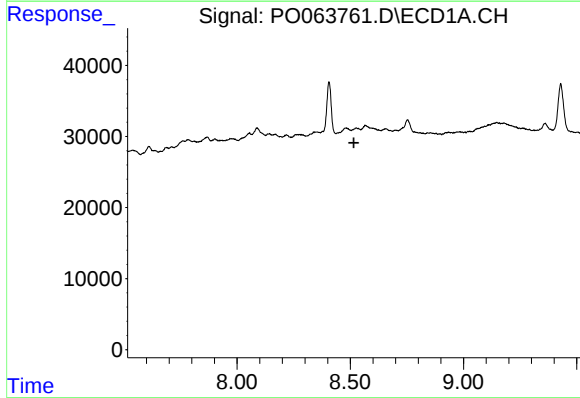
R.T.: 0.000 min
Exp R.T.: 8.217 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
21970



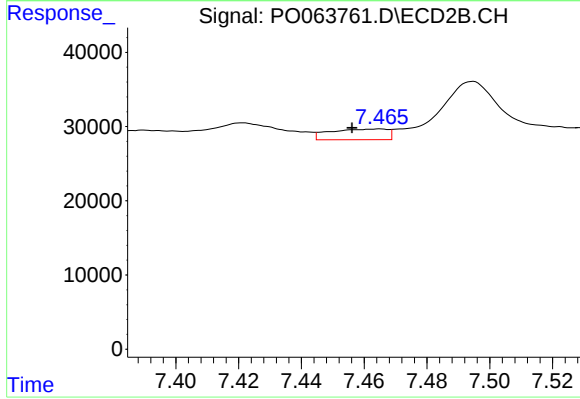
#37 AR-1262-2

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 20328
Conc: 4.29 ng/ml



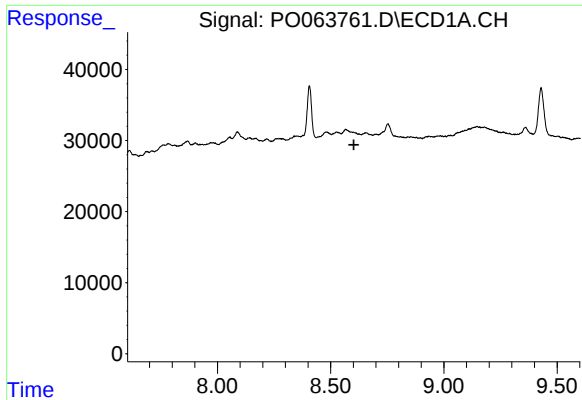
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.516 min
Response: 0
Conc: N.D.



#38 AR-1262-3

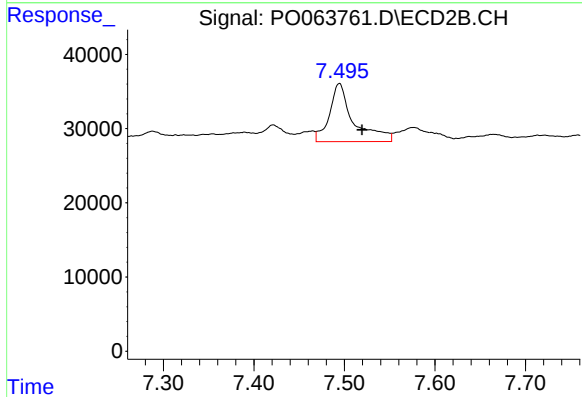
R.T.: 7.465 min
Delta R.T.: 0.009 min
Response: 18419
Conc: 9.83 ng/ml



#39 AR-1262-4

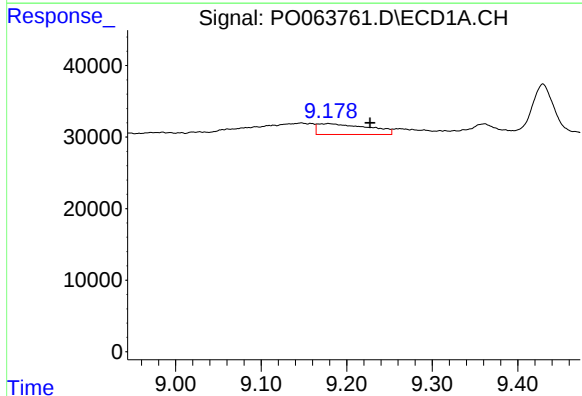
R.T.: 0.000 min
Exp R.T.: 8.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
21970



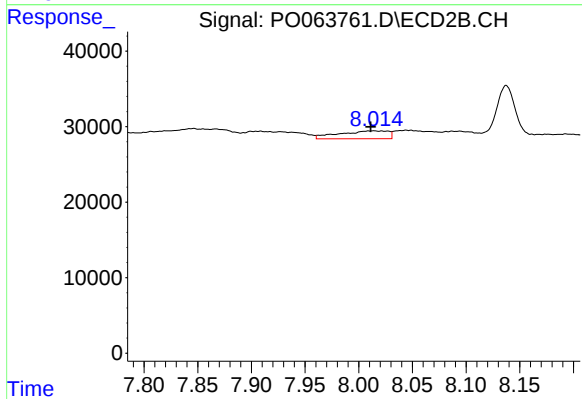
#39 AR-1262-4

R.T.: 7.494 min
Delta R.T.: -0.025 min
Response: 144636
Conc: 40.97 ng/ml



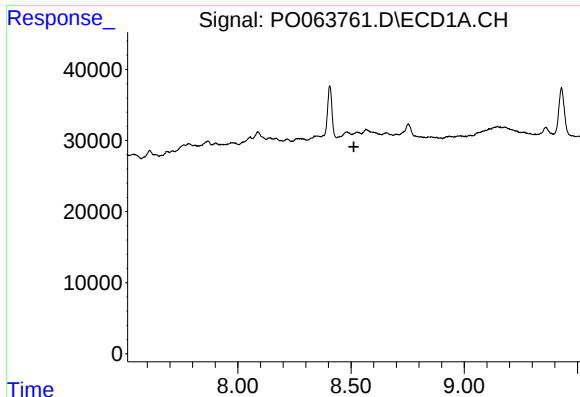
#40 AR-1262-5

R.T.: 9.179 min
Delta R.T.: -0.049 min
Response: 61845
Conc: 28.39 ng/ml



#40 AR-1262-5

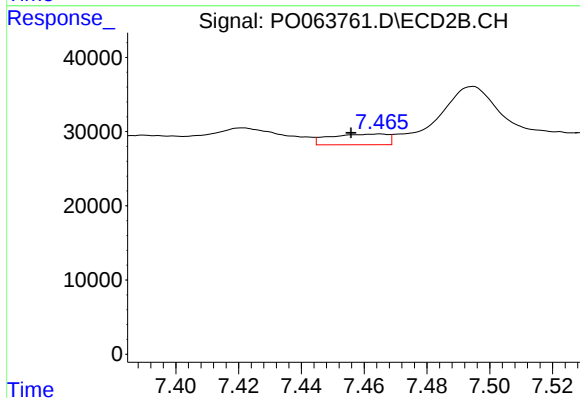
R.T.: 8.014 min
Delta R.T.: 0.003 min
Response: 33880
Conc: 22.19 ng/ml



#41 AR-1268-1

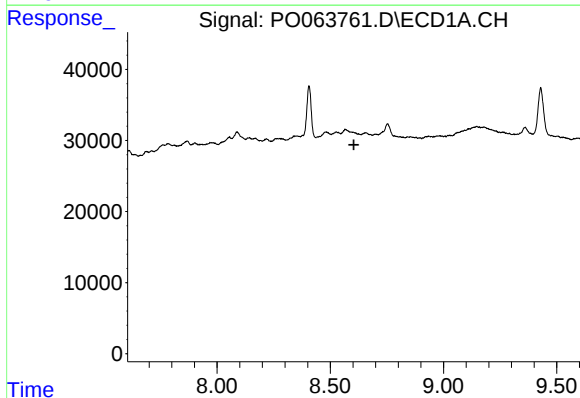
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
21970



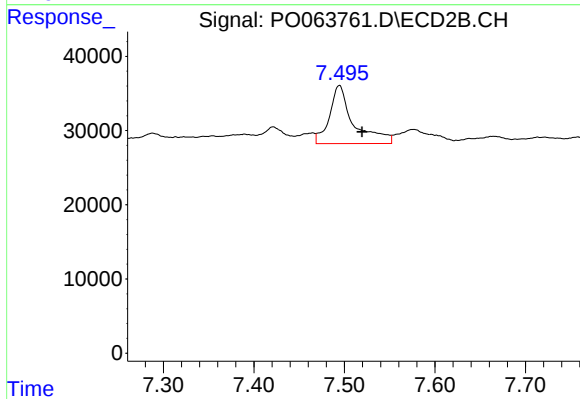
#41 AR-1268-1

R.T.: 7.465 min
Delta R.T.: 0.009 min
Response: 18419
Conc: 3.45 ng/ml



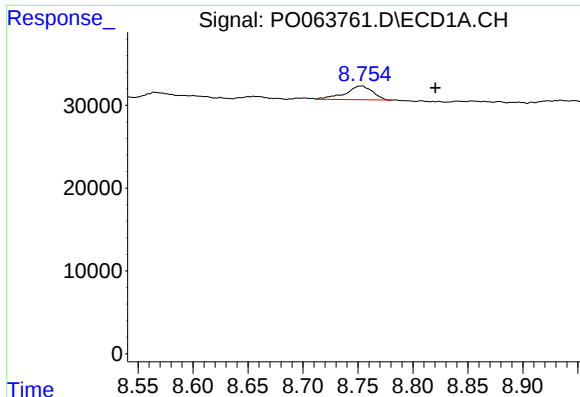
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.604 min
Response: 0
Conc: N.D.



#42 AR-1268-2

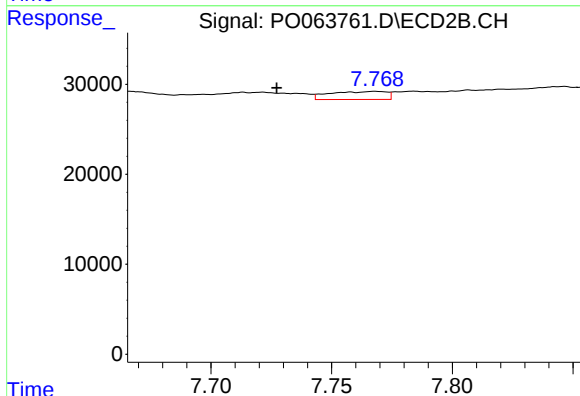
R.T.: 7.494 min
Delta R.T.: -0.025 min
Response: 144636
Conc: 29.02 ng/ml



#43 AR-1268-3

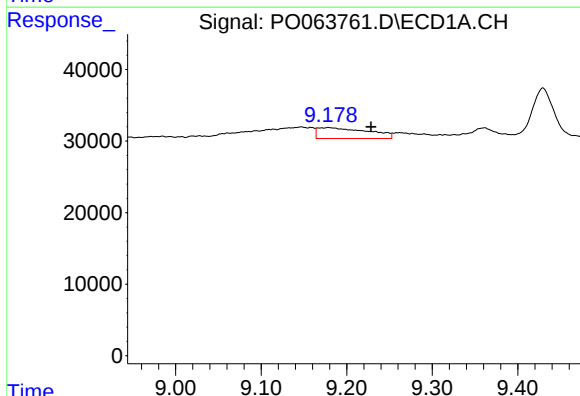
R.T.: 8.753 min
Delta R.T.: -0.068 min
Response: 28225
Conc: 5.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
21970



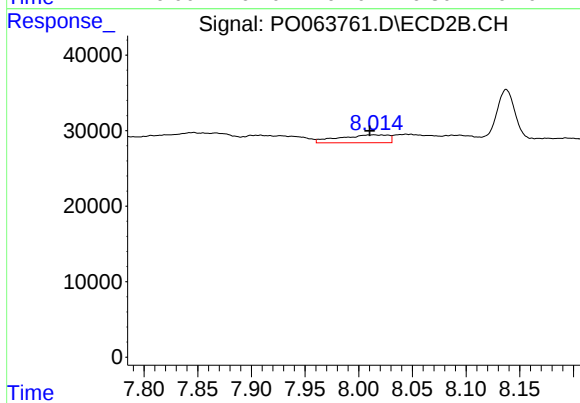
#43 AR-1268-3

R.T.: 7.768 min
Delta R.T.: 0.041 min
Response: 14552
Conc: 3.67 ng/ml



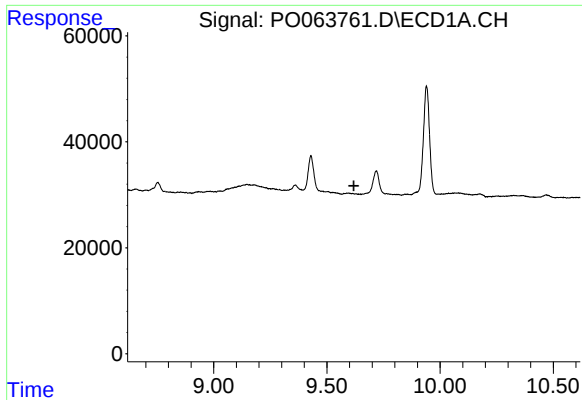
#44 AR-1268-4

R.T.: 9.179 min
Delta R.T.: -0.050 min
Response: 61845
Conc: 25.44 ng/ml



#44 AR-1268-4

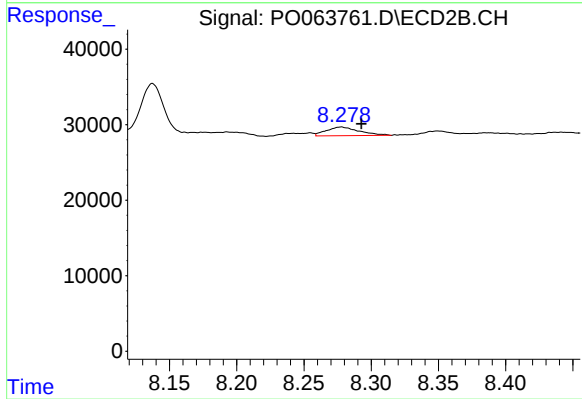
R.T.: 8.014 min
Delta R.T.: 0.004 min
Response: 33880
Conc: 20.00 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
21970



#45 AR-1268-5

R.T.: 8.277 min
Delta R.T.: -0.015 min
Response: 19515
Conc: 1.65 ng/ml