

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO100319\
 Data File : PO061660.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 21:00
 Operator : HP/AJ
 Sample : K5156-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:35:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.379	3.538	1121752	852523	27.350	26.362
2)	SA Decachlor...	10.047	8.404	730531	504279	15.686	15.576
Target Compounds							
3)	L1 AR-1016-1	5.561	0.000	2043	0	1.114	N.D. #
4)	L1 AR-1016-2	5.561	0.000	2043	0	0.790	N.D. #
5)	L1 AR-1016-3	5.627	4.774	1373	526	0.854	0.525 #
6)	L1 AR-1016-4	5.726	4.774	2659	526	1.989	0.607 #
7)	L1 AR-1016-5	6.023	4.985	4521	8872	3.297	7.773 #
8)	L2 AR-1221-1	4.613	0.000	3167	0	6.850	N.D. #
9)	L2 AR-1221-2	4.683	3.827	17754	15413	49.451	49.980
10)	L2 AR-1221-3	4.763	3.942	6653	94054	5.844	103.114 #
11)	L3 AR-1232-1	4.763	3.942	6653	94054	4.758	83.768 #
12)	L3 AR-1232-2	5.257	0.000	6440	0	8.208	N.D. #
13)	L3 AR-1232-3	5.561	4.774	2043	526	1.195	0.796 #
14)	L3 AR-1232-4	5.699	0.000	18472	0	20.877	N.D. #
15)	L3 AR-1232-5	5.814	4.985	10719	8872	15.460	12.930
16)	L4 AR-1242-1	5.561	0.000	2043	0	1.438	N.D. #
17)	L4 AR-1242-2	5.561	0.000	2043	0	1.016	N.D. #
18)	L4 AR-1242-3	5.627	4.774	1373	526	1.088	0.673 #
19)	L4 AR-1242-4	5.726	0.000	2659	0	2.531	N.D. #
20)	L4 AR-1242-5	6.461	5.367	22803	42399	17.049	39.579 #
21)	L5 AR-1248-1	5.561	0.000	2043	0	1.739	N.D. #
22)	L5 AR-1248-2	5.814	4.774	10719	526	6.353	0.446 #
23)	L5 AR-1248-3	6.023	0.000	4521	0	2.419	N.D. #
24)	L5 AR-1248-4	6.461	4.985	22803	8872	9.651	5.902 #
25)	L5 AR-1248-5	6.461	5.436	22803	5916	10.057	3.856 #
26)	L6 AR-1254-1	6.393	5.367	63472	42399	27.821	19.331 #
27)	L6 AR-1254-2	6.609	5.510	94500	23807	26.155	12.143 #
28)	L6 AR-1254-3	6.978	5.904	122710	75533	31.405	23.725
29)	L6 AR-1254-4	7.259	6.129	58457	35896	19.301	17.693
30)	L6 AR-1254-5	7.676	6.537	118818	97671	37.835	34.532
31)	L7 AR-1260-1	7.137	6.031	50267	51108	19.256	25.055 #
32)	L7 AR-1260-2	7.389	6.217	142542	54409	44.712	22.654 #
33)	L7 AR-1260-3	7.750	6.365	53583	47492	22.309	21.078
34)	L7 AR-1260-4	7.969	6.829	132747	18398	49.680	9.965 #
35)	L7 AR-1260-5	8.290	7.069	90958	30621	18.382	7.864 #
36)	L8 AR-1262-1	7.750	6.628	53583	10597	13.985	8.682 #
37)	L8 AR-1262-2	8.290	7.069	90958	30621	14.652	6.660 #
38)	L8 AR-1262-3	8.557	7.348	59070	13077	14.212	6.942 #
39)	L8 AR-1262-4	8.701	7.410	136777	28451	43.327	8.466 #
40)	L8 AR-1262-5	9.327	7.899	24145	6261	11.873	4.130 #
41)	L9 AR-1268-1	8.557	7.348	59070	13077	8.784	2.708 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100319\
 Data File : P0061660.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 21:00
 Operator : HP/AJ
 Sample : K5156-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

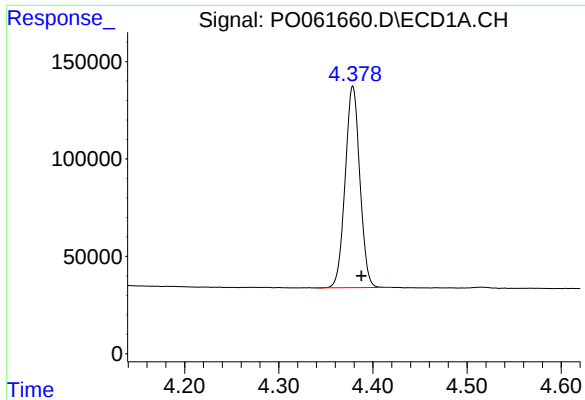
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:35:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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Volume Inj. : 2 µl
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.701	7.410	136777	28451	22.088	6.601 #
43) L9	AR-1268-3	8.897	7.616	40372	3228	7.897	0.901 #
44) L9	AR-1268-4	9.327	7.899	24145	6261	11.042	3.890 #
45) L9	AR-1268-5	9.719	8.169	10098	22618	0.672	2.249 #

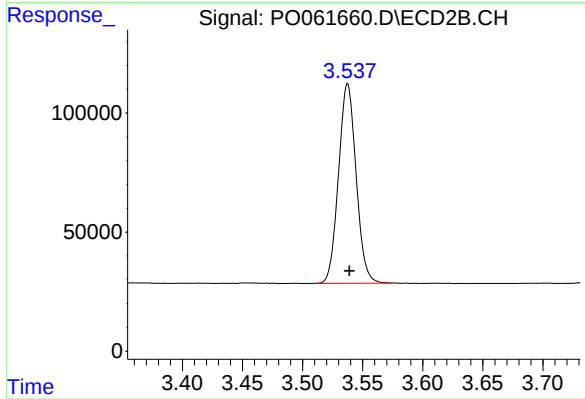
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

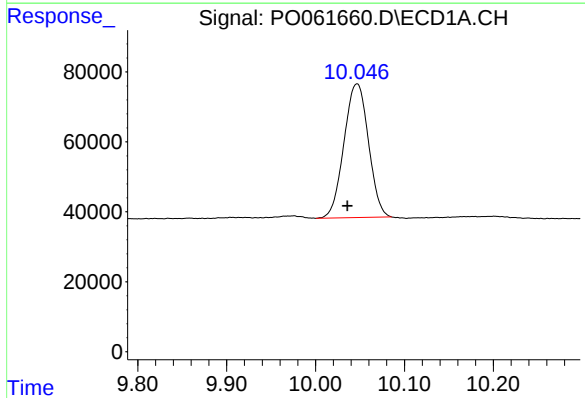
R.T.: 4.379 min
Delta R.T.: -0.009 min
Response: 1121752
Conc: 27.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



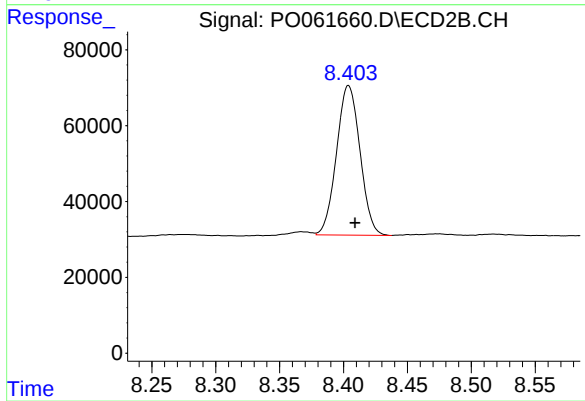
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 852523
Conc: 26.36 ng/ml



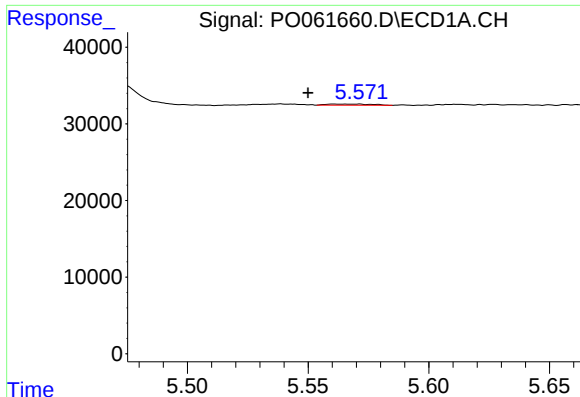
#2 Decachlorobiphenyl

R.T.: 10.047 min
Delta R.T.: 0.011 min
Response: 730531
Conc: 15.69 ng/ml



#2 Decachlorobiphenyl

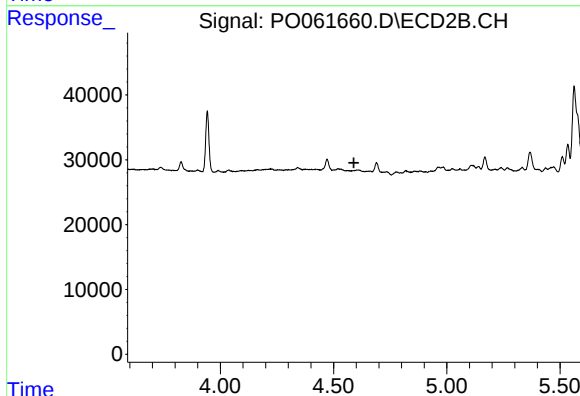
R.T.: 8.404 min
Delta R.T.: -0.005 min
Response: 504279
Conc: 15.58 ng/ml



#3 AR-1016-1

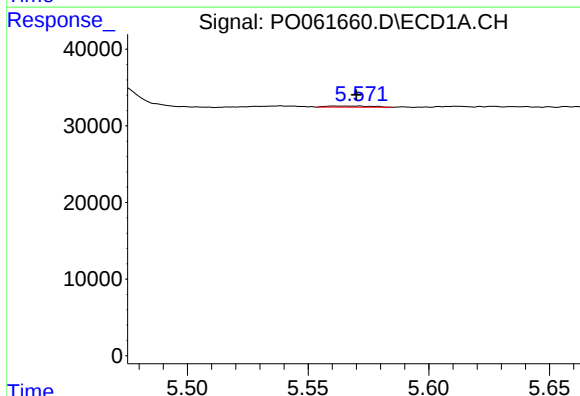
R.T.: 5.561 min
Delta R.T.: 0.011 min
Response: 2043
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



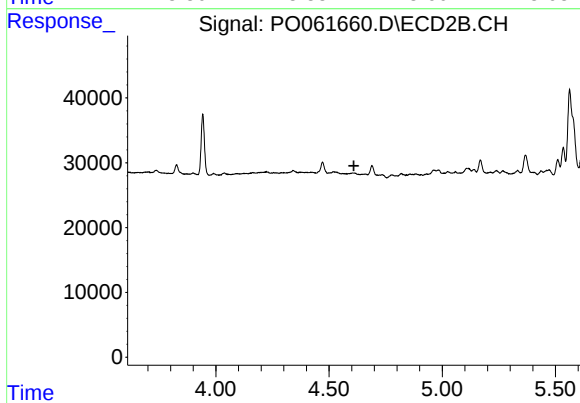
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.590 min
Response: 0
Conc: N.D.



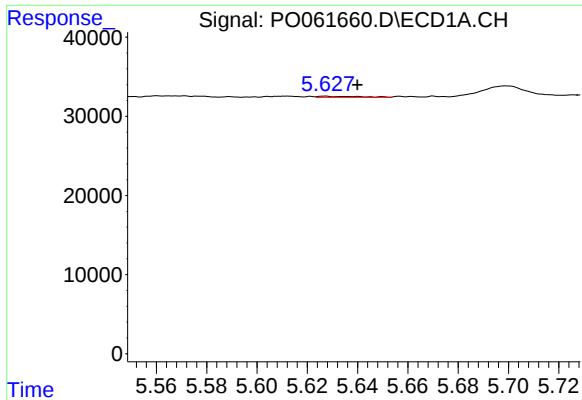
#4 AR-1016-2

R.T.: 5.561 min
Delta R.T.: -0.009 min
Response: 2043
Conc: 0.79 ng/ml



#4 AR-1016-2

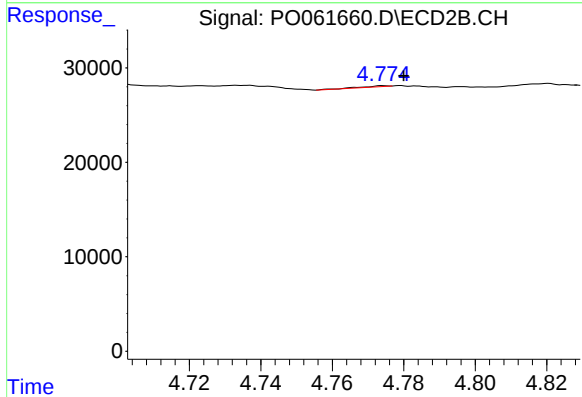
R.T.: 0.000 min
Exp R.T. : 4.610 min
Response: 0
Conc: N.D.



#5 AR-1016-3

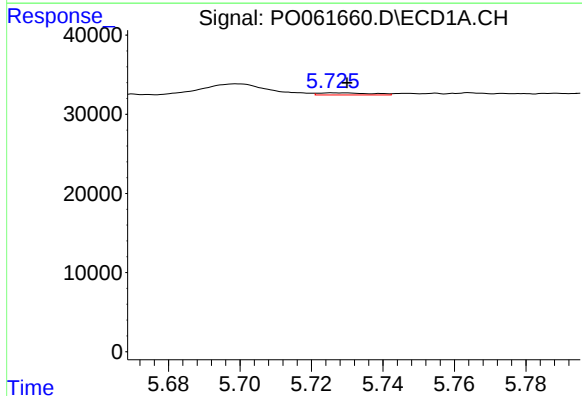
R.T.: 5.627 min
Delta R.T.: -0.013 min
Response: 1373
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



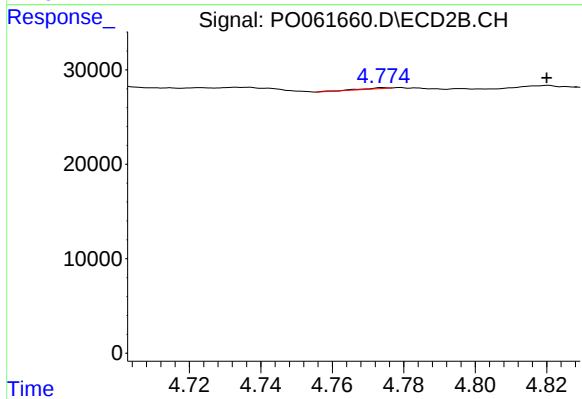
#5 AR-1016-3

R.T.: 4.774 min
Delta R.T.: -0.006 min
Response: 526
Conc: 0.52 ng/ml



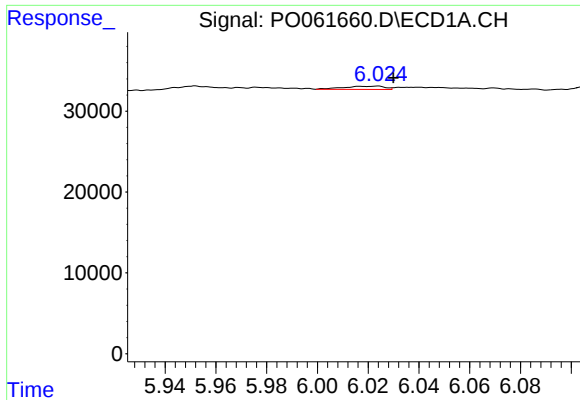
#6 AR-1016-4

R.T.: 5.726 min
Delta R.T.: -0.004 min
Response: 2659
Conc: 1.99 ng/ml



#6 AR-1016-4

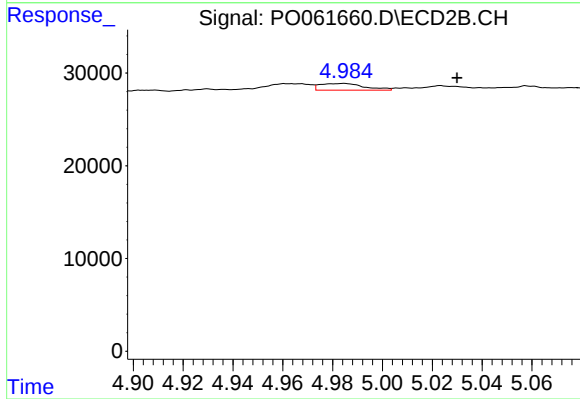
R.T.: 4.774 min
Delta R.T.: -0.046 min
Response: 526
Conc: 0.61 ng/ml



#7 AR-1016-5

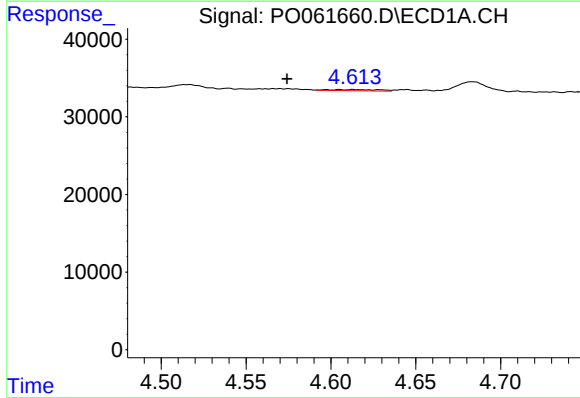
R.T.: 6.023 min
Delta R.T.: -0.007 min
Response: 4521
Conc: 3.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



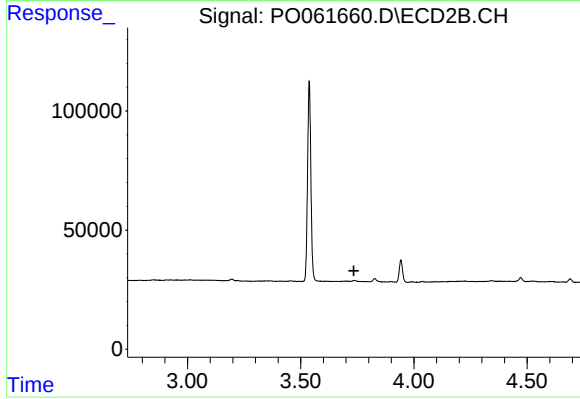
#7 AR-1016-5

R.T.: 4.985 min
Delta R.T.: -0.045 min
Response: 8872
Conc: 7.77 ng/ml



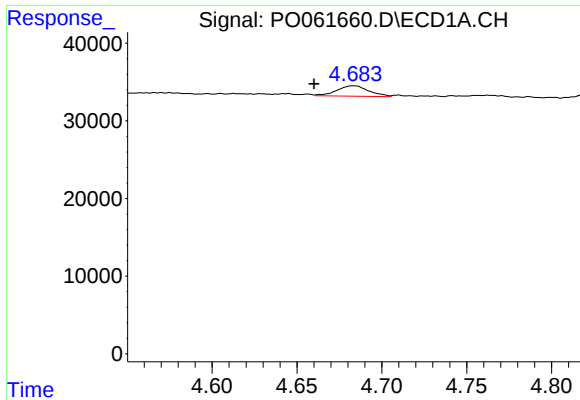
#8 AR-1221-1

R.T.: 4.613 min
Delta R.T.: 0.039 min
Response: 3167
Conc: 6.85 ng/ml



#8 AR-1221-1

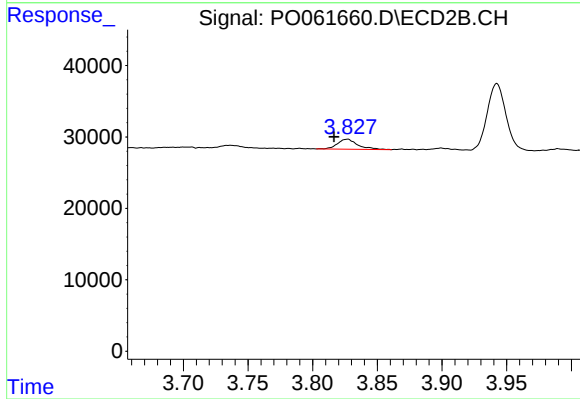
R.T.: 0.000 min
Exp R.T.: 3.735 min
Response: 0
Conc: N.D.



#9 AR-1221-2

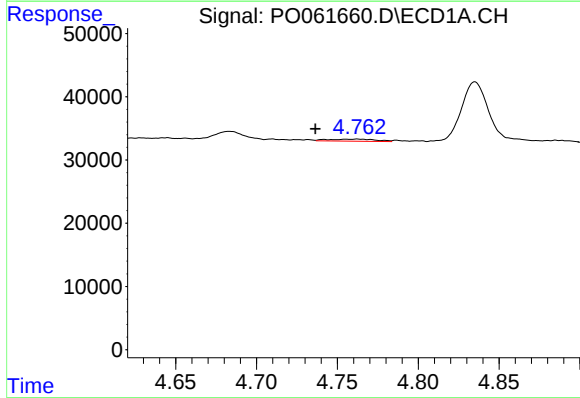
R.T.: 4.683 min
Delta R.T.: 0.023 min
Response: 17754
Conc: 49.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



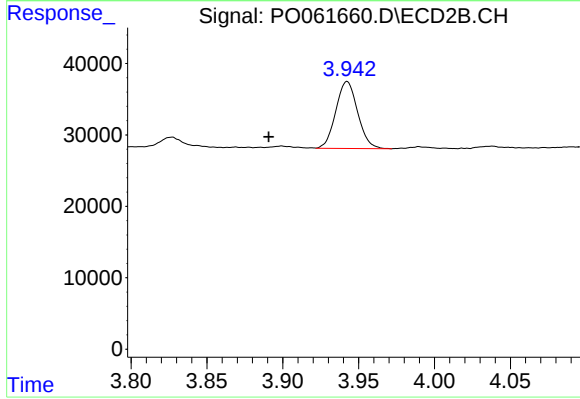
#9 AR-1221-2

R.T.: 3.827 min
Delta R.T.: 0.011 min
Response: 15413
Conc: 49.98 ng/ml



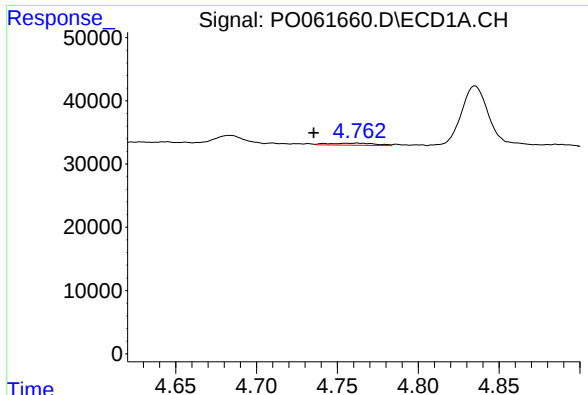
#10 AR-1221-3

R.T.: 4.763 min
Delta R.T.: 0.026 min
Response: 6653
Conc: 5.84 ng/ml



#10 AR-1221-3

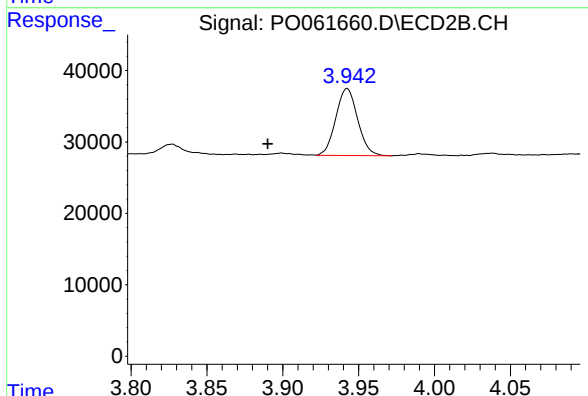
R.T.: 3.942 min
Delta R.T.: 0.052 min
Response: 94054
Conc: 103.11 ng/ml



#11 AR-1232-1

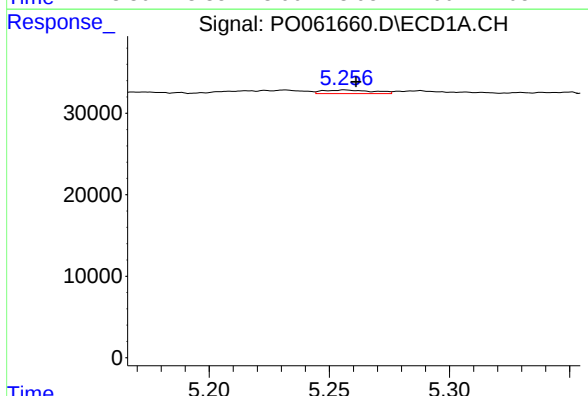
R.T.: 4.763 min
Delta R.T.: 0.027 min
Response: 6653
Conc: 4.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



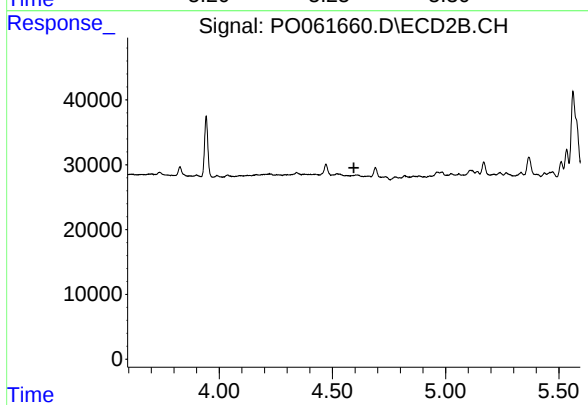
#11 AR-1232-1

R.T.: 3.942 min
Delta R.T.: 0.052 min
Response: 94054
Conc: 83.77 ng/ml



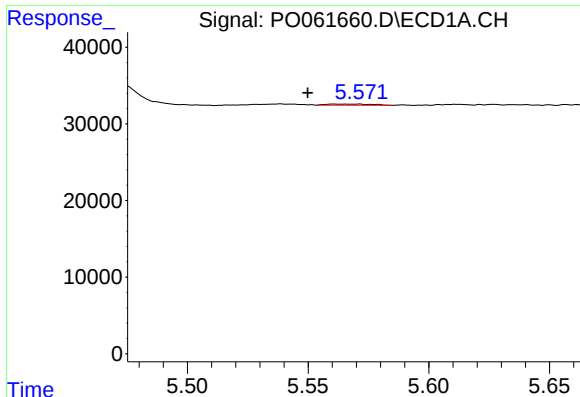
#12 AR-1232-2

R.T.: 5.257 min
Delta R.T.: -0.005 min
Response: 6440
Conc: 8.21 ng/ml



#12 AR-1232-2

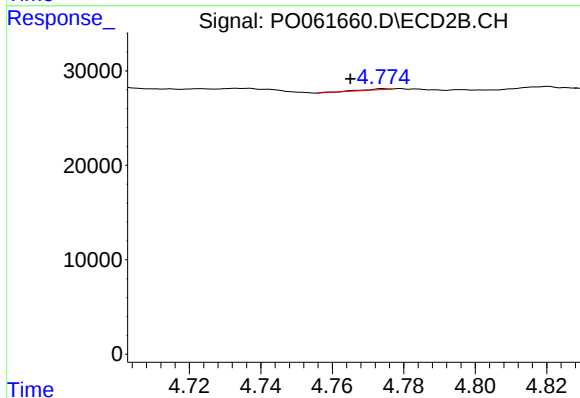
R.T.: 0.000 min
Exp R.T.: 4.595 min
Response: 0
Conc: N.D.



#13 AR-1232-3

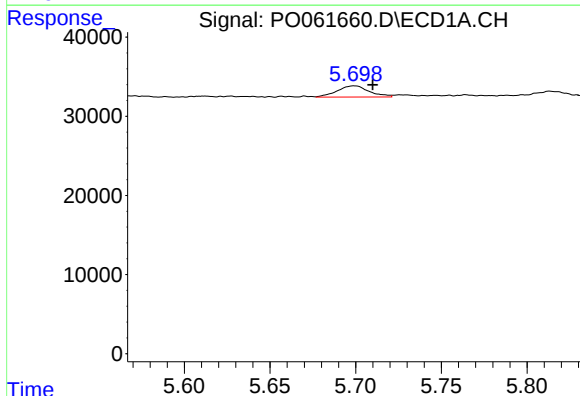
R.T.: 5.561 min
Delta R.T.: 0.011 min
Response: 2043
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



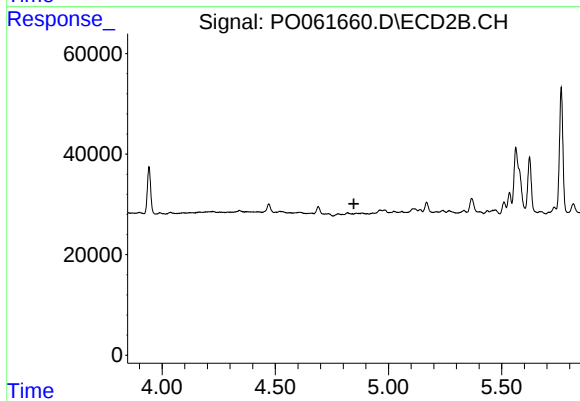
#13 AR-1232-3

R.T.: 4.774 min
Delta R.T.: 0.009 min
Response: 526
Conc: 0.80 ng/ml



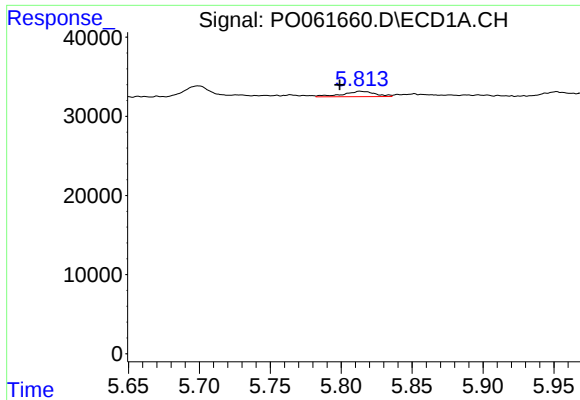
#14 AR-1232-4

R.T.: 5.699 min
Delta R.T.: -0.011 min
Response: 18472
Conc: 20.88 ng/ml



#14 AR-1232-4

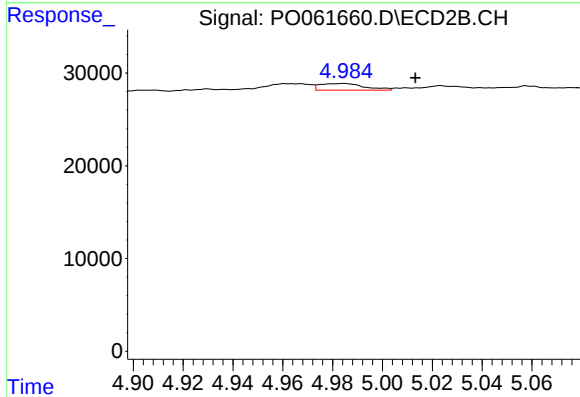
R.T.: 0.000 min
Exp R.T. : 4.847 min
Response: 0
Conc: N.D.



#15 AR-1232-5

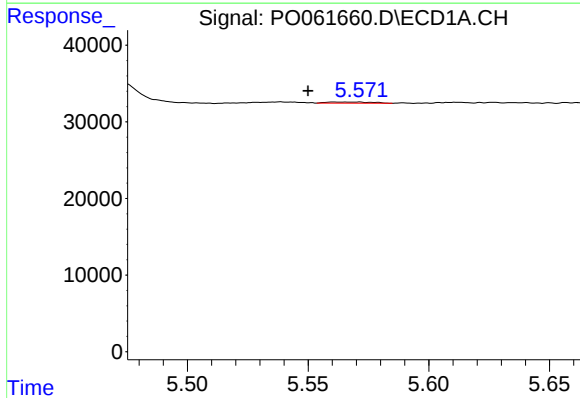
R.T.: 5.814 min
Delta R.T.: 0.015 min
Response: 10719
Conc: 15.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



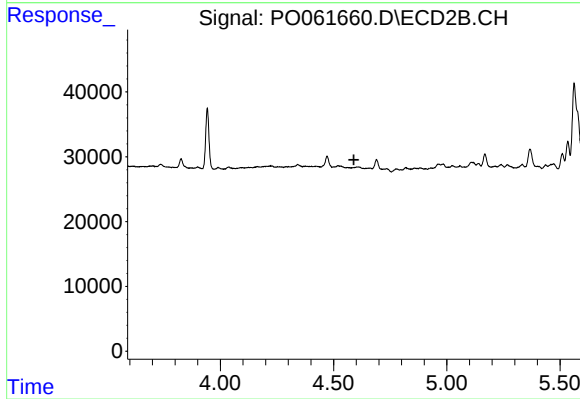
#15 AR-1232-5

R.T.: 4.985 min
Delta R.T.: -0.029 min
Response: 8872
Conc: 12.93 ng/ml



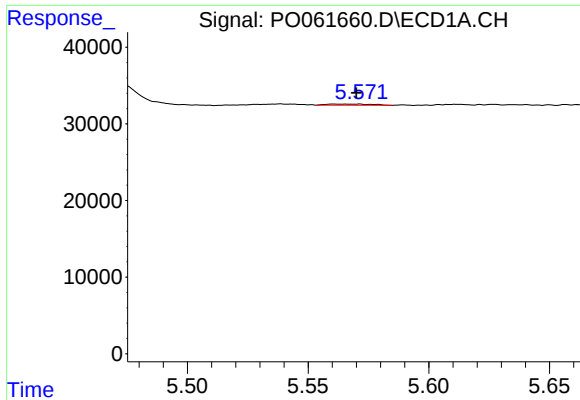
#16 AR-1242-1

R.T.: 5.561 min
Delta R.T.: 0.011 min
Response: 2043
Conc: 1.44 ng/ml



#16 AR-1242-1

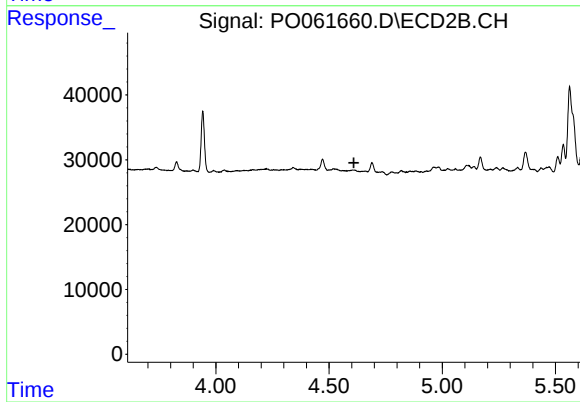
R.T.: 0.000 min
Exp R.T.: 4.590 min
Response: 0
Conc: N.D.



#17 AR-1242-2

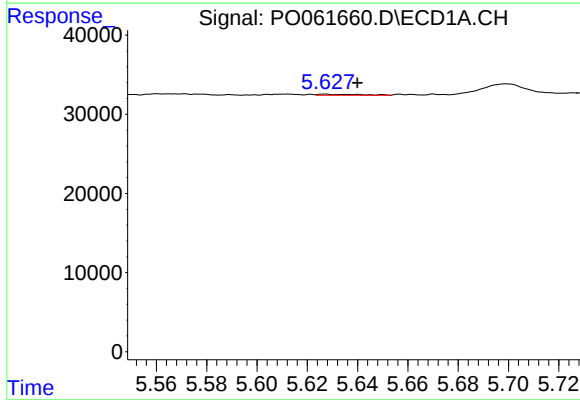
R.T.: 5.561 min
Delta R.T.: -0.009 min
Response: 2043
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



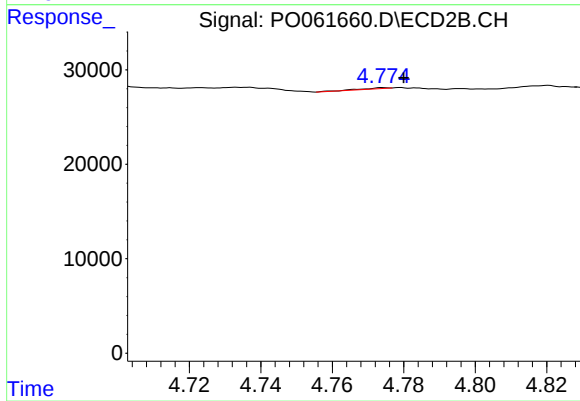
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.610 min
Response: 0
Conc: N.D.



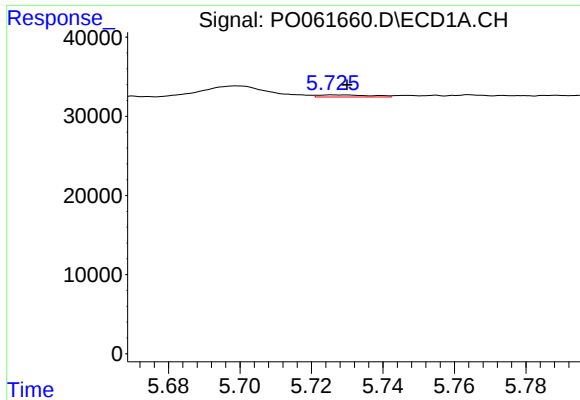
#18 AR-1242-3

R.T.: 5.627 min
Delta R.T.: -0.013 min
Response: 1373
Conc: 1.09 ng/ml



#18 AR-1242-3

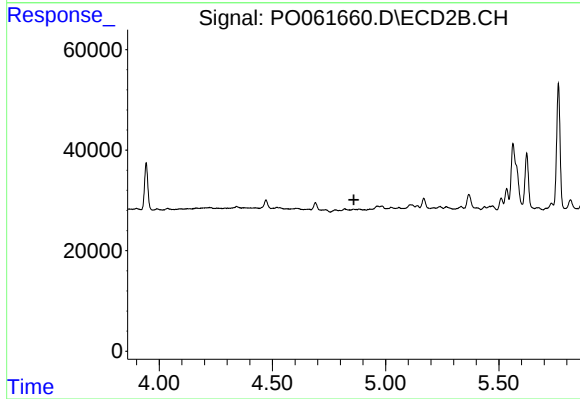
R.T.: 4.774 min
Delta R.T.: -0.006 min
Response: 526
Conc: 0.67 ng/ml



#19 AR-1242-4

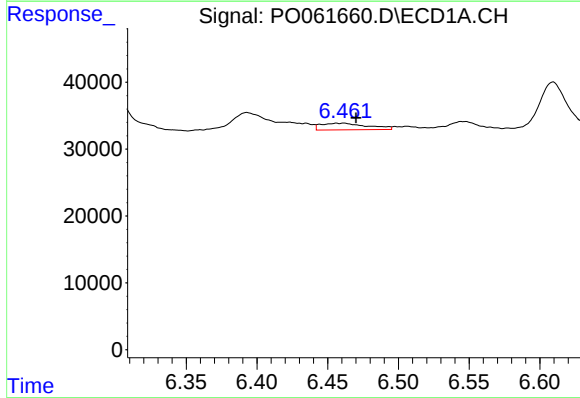
R.T.: 5.726 min
Delta R.T.: -0.004 min
Response: 2659
Conc: 2.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



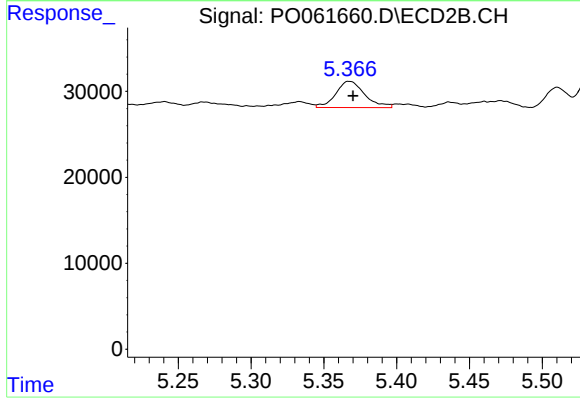
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.860 min
Response: 0
Conc: N.D.



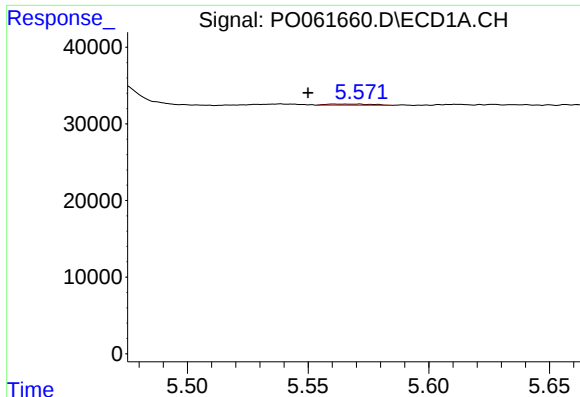
#20 AR-1242-5

R.T.: 6.461 min
Delta R.T.: -0.009 min
Response: 22803
Conc: 17.05 ng/ml



#20 AR-1242-5

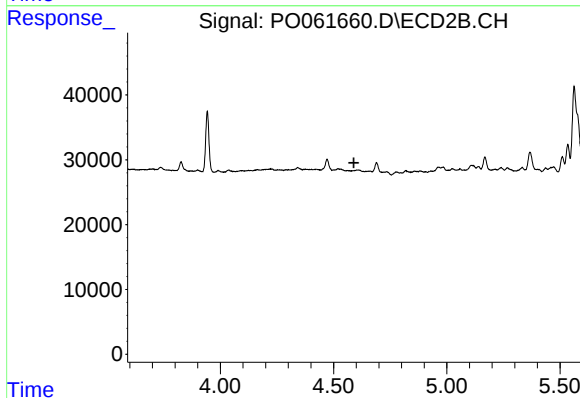
R.T.: 5.367 min
Delta R.T.: -0.003 min
Response: 42399
Conc: 39.58 ng/ml



#21 AR-1248-1

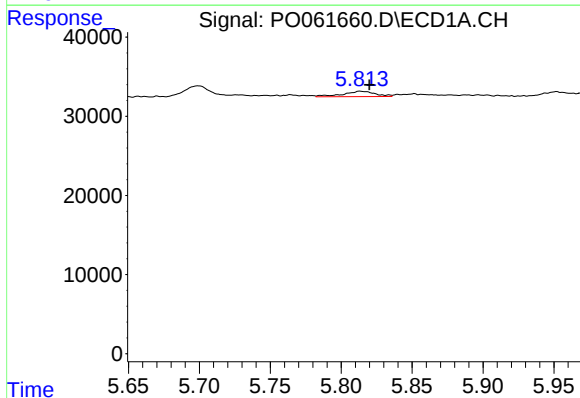
R.T.: 5.561 min
Delta R.T.: 0.011 min
Response: 2043
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



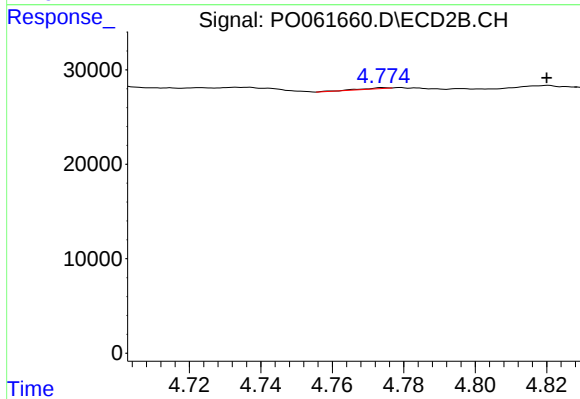
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.590 min
Response: 0
Conc: N.D.



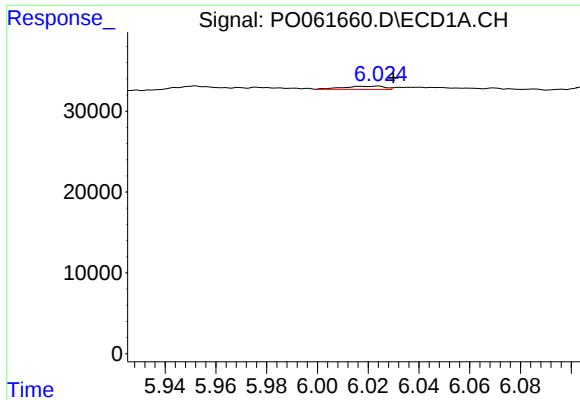
#22 AR-1248-2

R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 10719
Conc: 6.35 ng/ml



#22 AR-1248-2

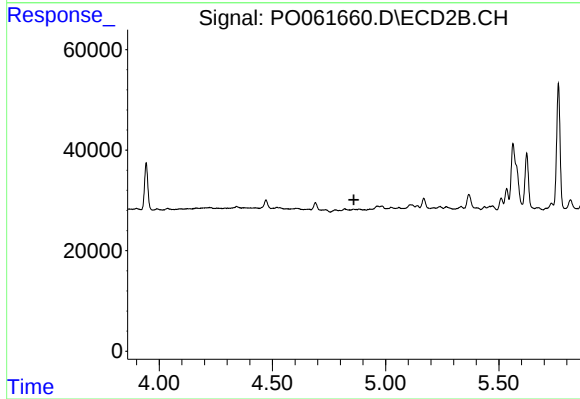
R.T.: 4.774 min
Delta R.T.: -0.046 min
Response: 526
Conc: 0.45 ng/ml



#23 AR-1248-3

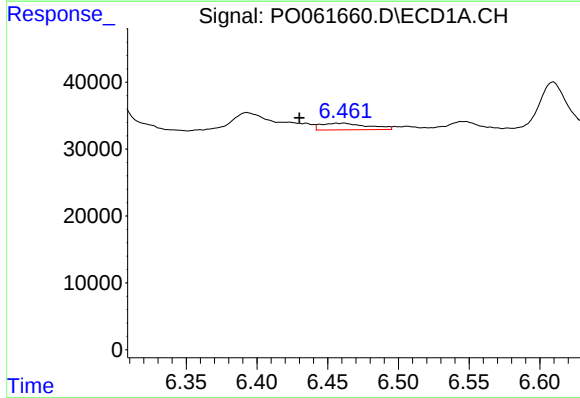
R.T.: 6.023 min
Delta R.T.: -0.007 min
Response: 4521
Conc: 2.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



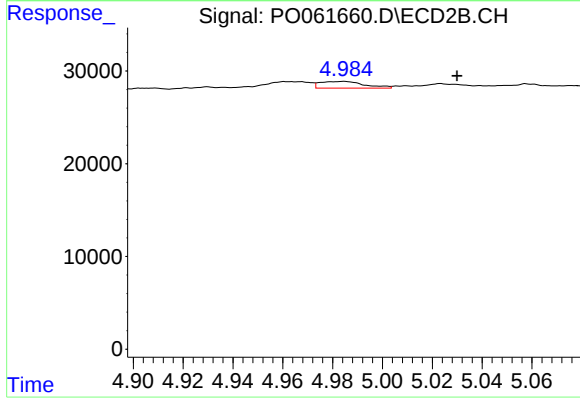
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.860 min
Response: 0
Conc: N.D.



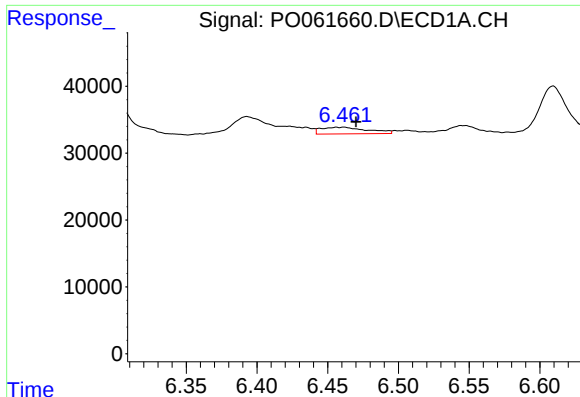
#24 AR-1248-4

R.T.: 6.461 min
Delta R.T.: 0.031 min
Response: 22803
Conc: 9.65 ng/ml



#24 AR-1248-4

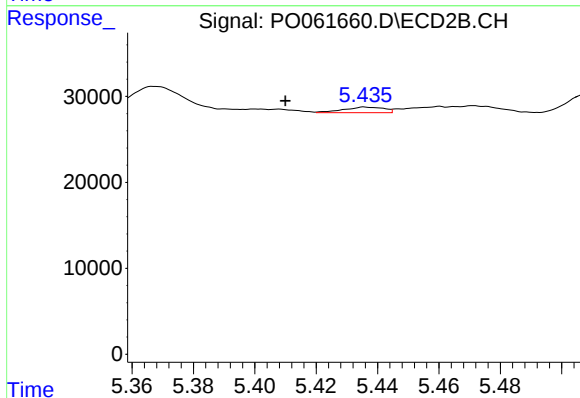
R.T.: 4.985 min
Delta R.T.: -0.045 min
Response: 8872
Conc: 5.90 ng/ml



#25 AR-1248-5

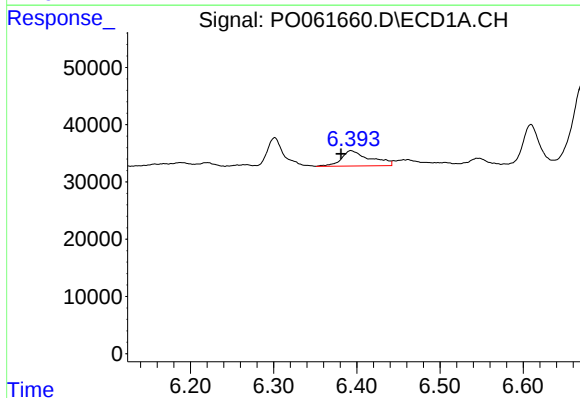
R.T.: 6.461 min
Delta R.T.: -0.009 min
Response: 22803
Conc: 10.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



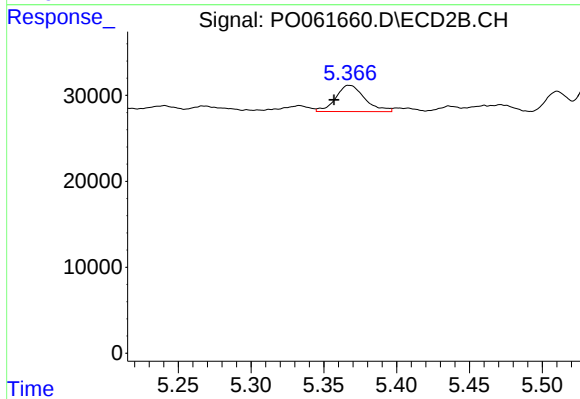
#25 AR-1248-5

R.T.: 5.436 min
Delta R.T.: 0.026 min
Response: 5916
Conc: 3.86 ng/ml



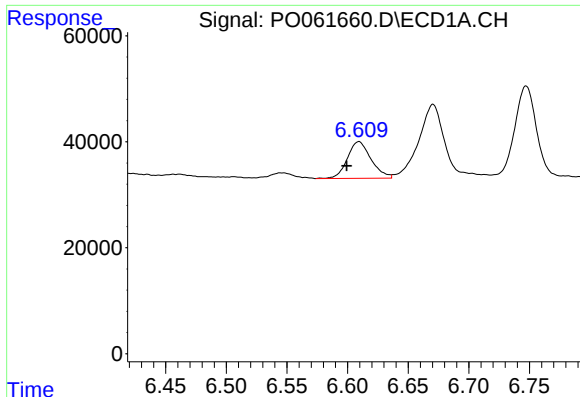
#26 AR-1254-1

R.T.: 6.393 min
Delta R.T.: 0.012 min
Response: 63472
Conc: 27.82 ng/ml



#26 AR-1254-1

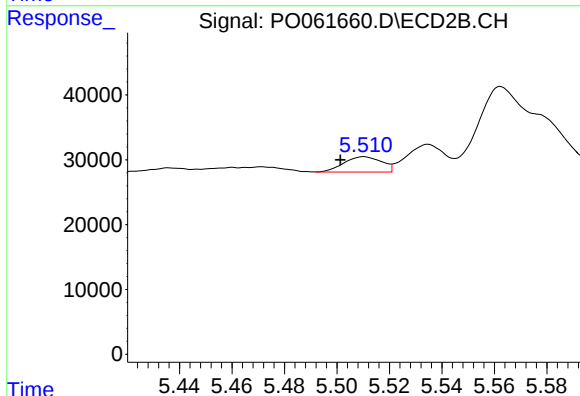
R.T.: 5.367 min
Delta R.T.: 0.010 min
Response: 42399
Conc: 19.33 ng/ml



#27 AR-1254-2

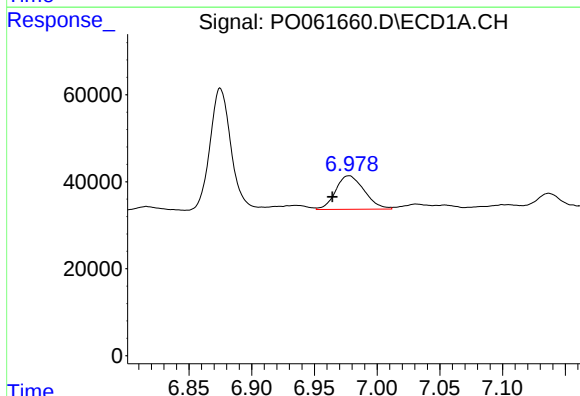
R.T.: 6.609 min
Delta R.T.: 0.010 min
Response: 94500
Conc: 26.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



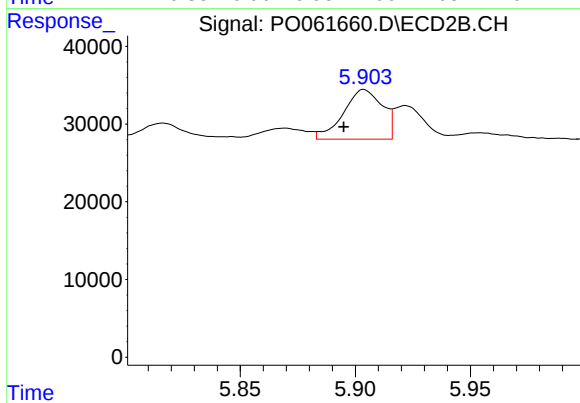
#27 AR-1254-2

R.T.: 5.510 min
Delta R.T.: 0.009 min
Response: 23807
Conc: 12.14 ng/ml



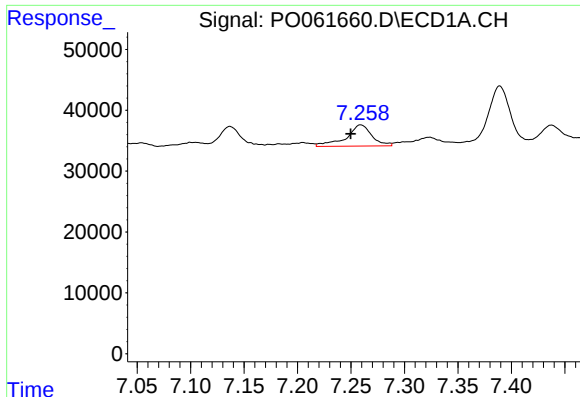
#28 AR-1254-3

R.T.: 6.978 min
Delta R.T.: 0.013 min
Response: 122710
Conc: 31.40 ng/ml



#28 AR-1254-3

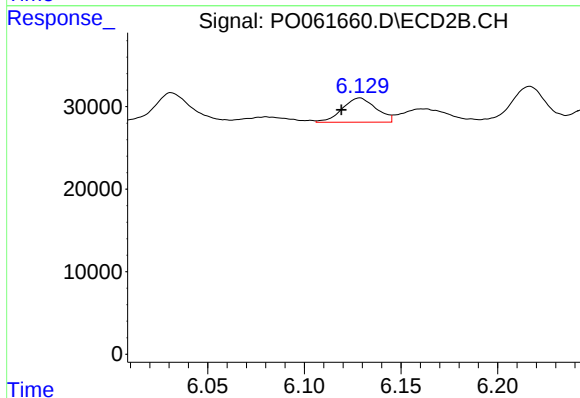
R.T.: 5.904 min
Delta R.T.: 0.009 min
Response: 75533
Conc: 23.72 ng/ml



#29 AR-1254-4

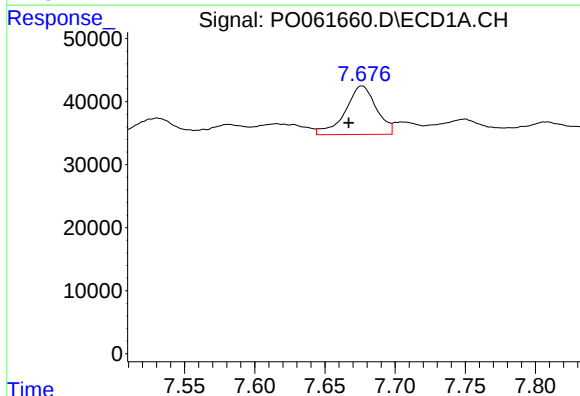
R.T.: 7.259 min
Delta R.T.: 0.009 min
Response: 58457
Conc: 19.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



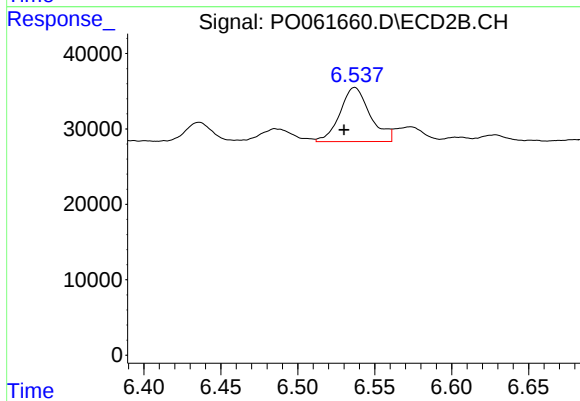
#29 AR-1254-4

R.T.: 6.129 min
Delta R.T.: 0.010 min
Response: 35896
Conc: 17.69 ng/ml



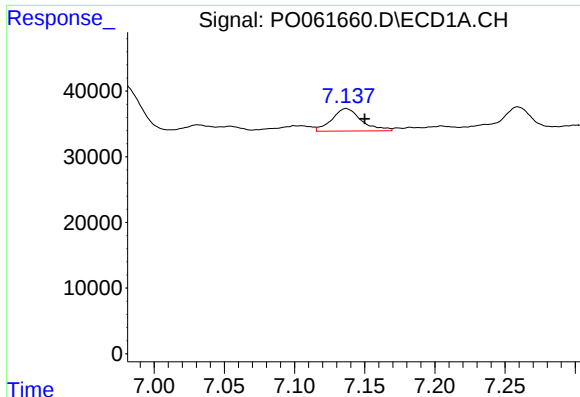
#30 AR-1254-5

R.T.: 7.676 min
Delta R.T.: 0.010 min
Response: 118818
Conc: 37.84 ng/ml



#30 AR-1254-5

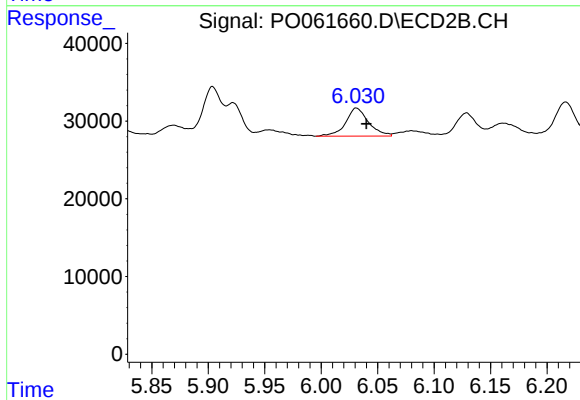
R.T.: 6.537 min
Delta R.T.: 0.007 min
Response: 97671
Conc: 34.53 ng/ml



#31 AR-1260-1

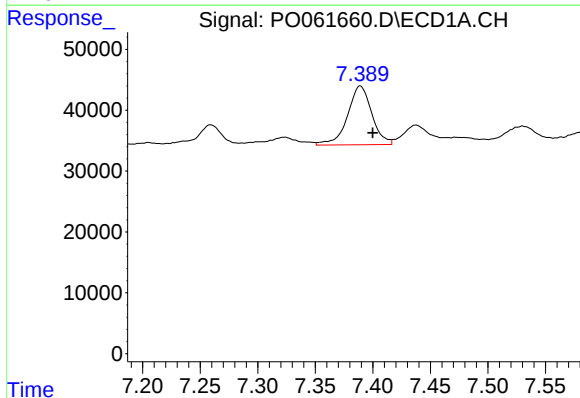
R.T.: 7.137 min
Delta R.T.: -0.013 min
Response: 50267
Conc: 19.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



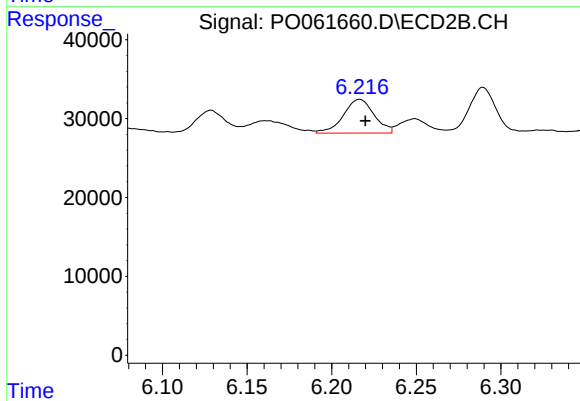
#31 AR-1260-1

R.T.: 6.031 min
Delta R.T.: -0.009 min
Response: 51108
Conc: 25.06 ng/ml



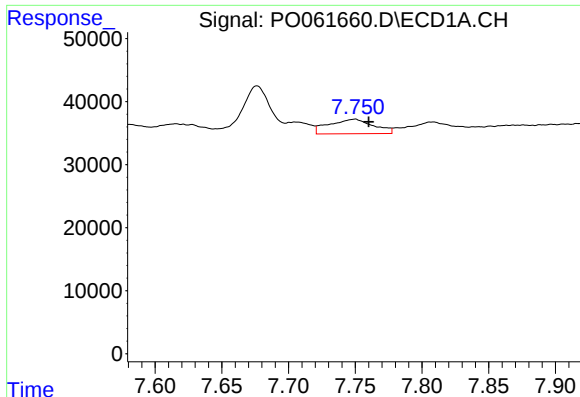
#32 AR-1260-2

R.T.: 7.389 min
Delta R.T.: -0.011 min
Response: 142542
Conc: 44.71 ng/ml



#32 AR-1260-2

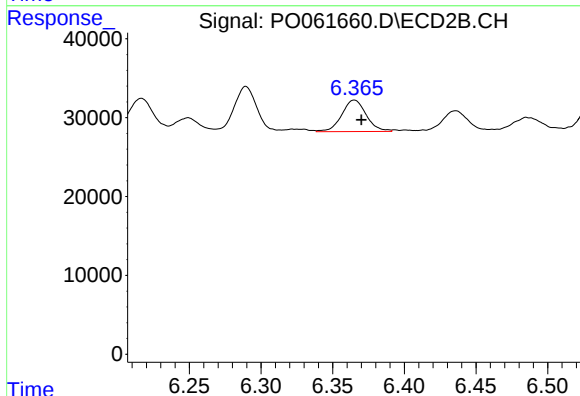
R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 54409
Conc: 22.65 ng/ml



#33 AR-1260-3

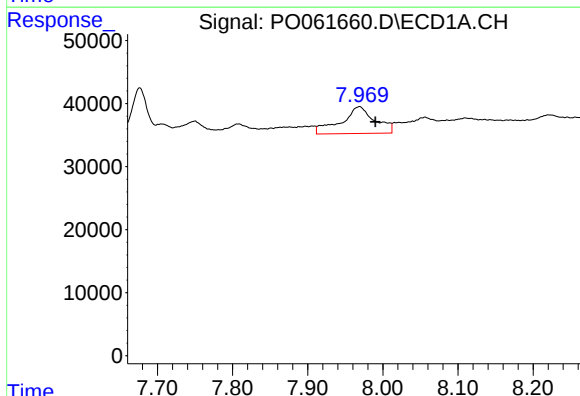
R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 53583
Conc: 22.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



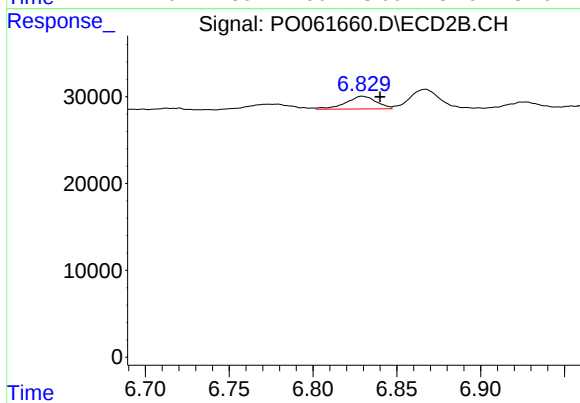
#33 AR-1260-3

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 47492
Conc: 21.08 ng/ml



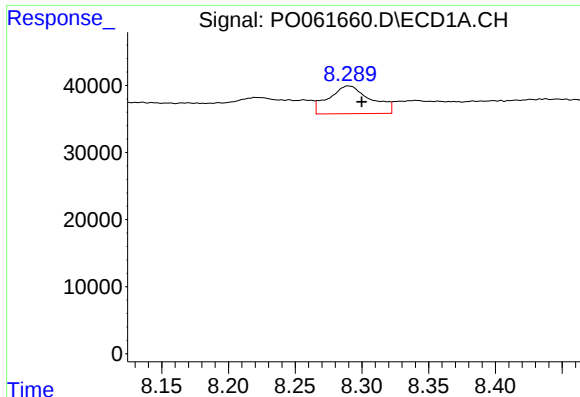
#34 AR-1260-4

R.T.: 7.969 min
Delta R.T.: -0.021 min
Response: 132747
Conc: 49.68 ng/ml



#34 AR-1260-4

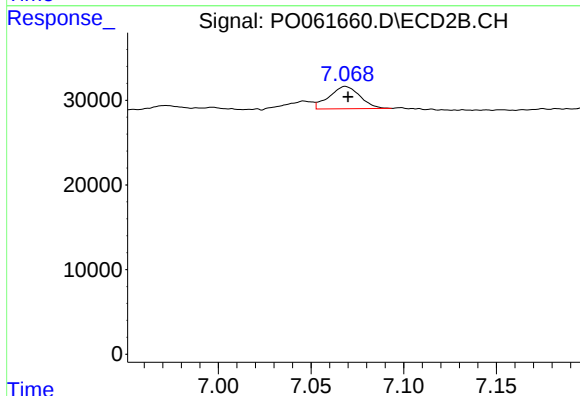
R.T.: 6.829 min
Delta R.T.: -0.011 min
Response: 18398
Conc: 9.97 ng/ml



#35 AR-1260-5

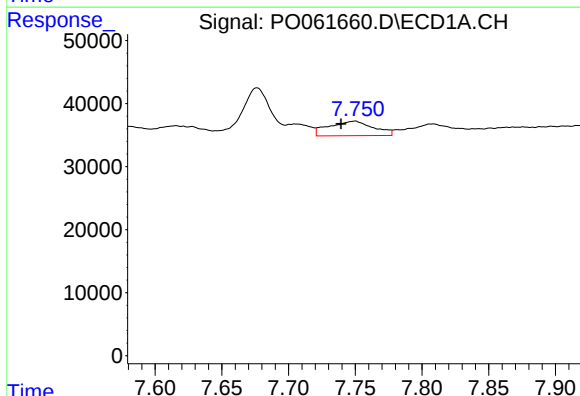
R.T.: 8.290 min
Delta R.T.: -0.010 min
Response: 90958
Conc: 18.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



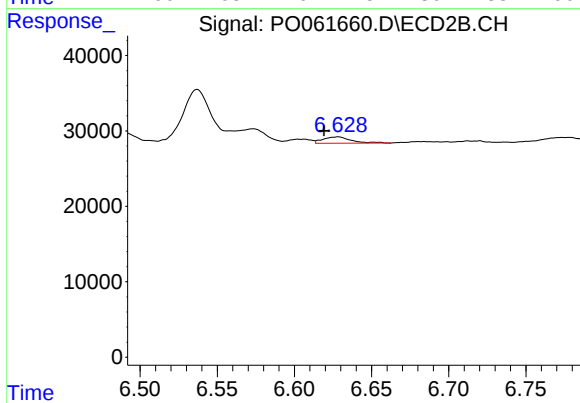
#35 AR-1260-5

R.T.: 7.069 min
Delta R.T.: -0.001 min
Response: 30621
Conc: 7.86 ng/ml



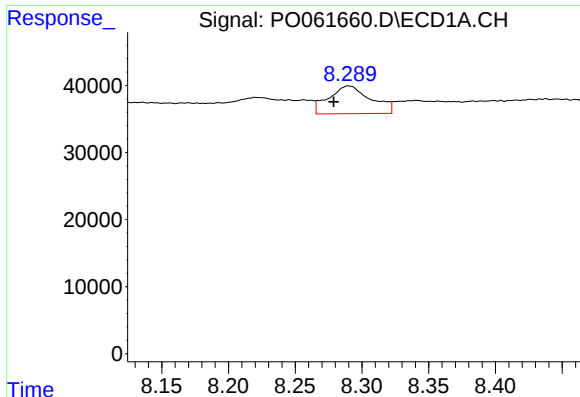
#36 AR-1262-1

R.T.: 7.750 min
Delta R.T.: 0.010 min
Response: 53583
Conc: 13.98 ng/ml



#36 AR-1262-1

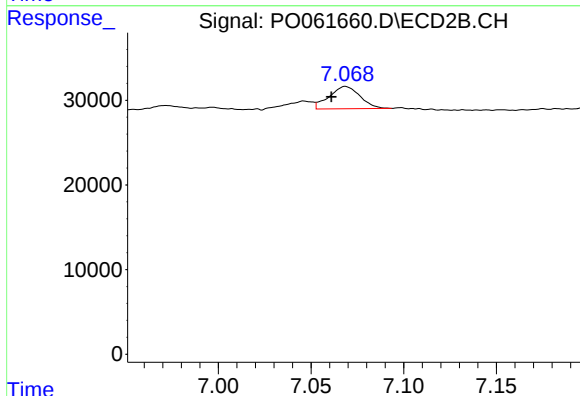
R.T.: 6.628 min
Delta R.T.: 0.009 min
Response: 10597
Conc: 8.68 ng/ml



#37 AR-1262-2

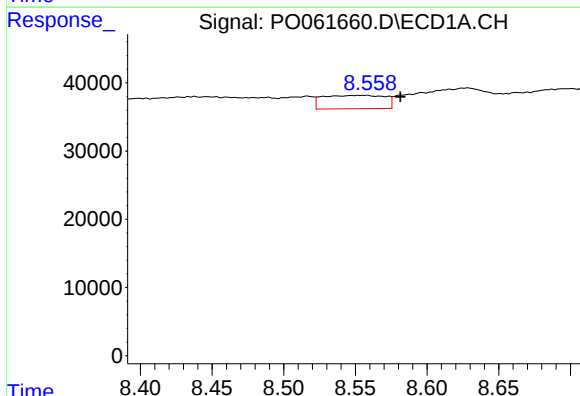
R.T.: 8.290 min
Delta R.T.: 0.011 min
Response: 90958
Conc: 14.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



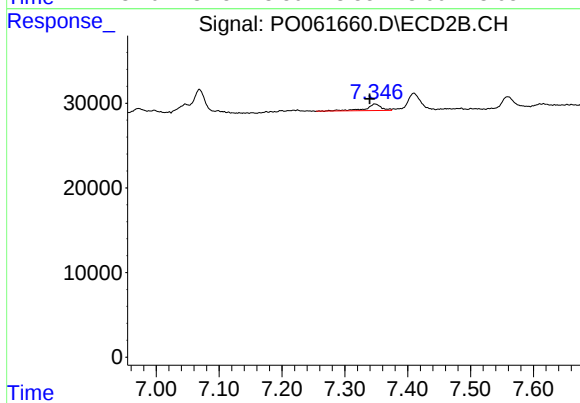
#37 AR-1262-2

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 30621
Conc: 6.66 ng/ml



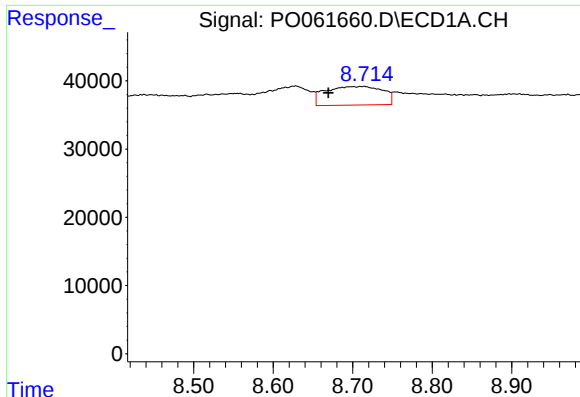
#38 AR-1262-3

R.T.: 8.557 min
Delta R.T.: -0.024 min
Response: 59070
Conc: 14.21 ng/ml



#38 AR-1262-3

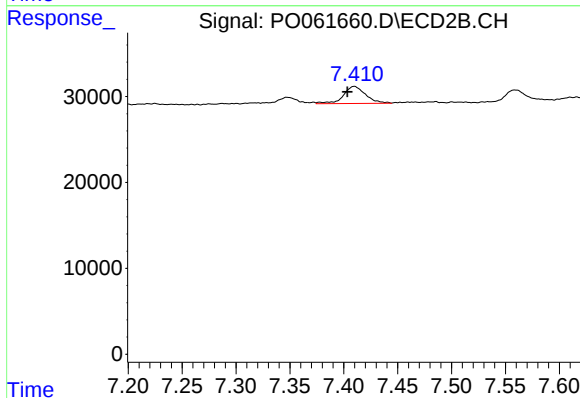
R.T.: 7.348 min
Delta R.T.: 0.008 min
Response: 13077
Conc: 6.94 ng/ml



#39 AR-1262-4

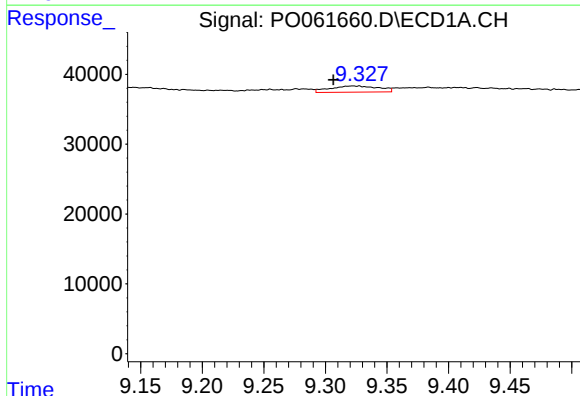
R.T.: 8.701 min
Delta R.T.: 0.031 min
Response: 136777
Conc: 43.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



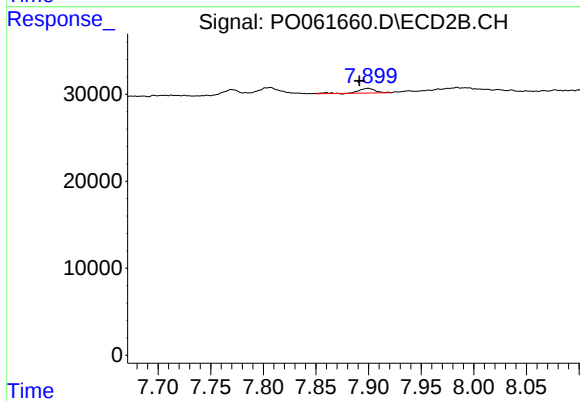
#39 AR-1262-4

R.T.: 7.410 min
Delta R.T.: 0.006 min
Response: 28451
Conc: 8.47 ng/ml



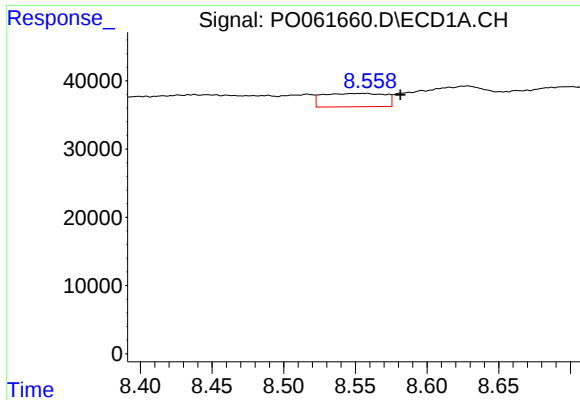
#40 AR-1262-5

R.T.: 9.327 min
Delta R.T.: 0.020 min
Response: 24145
Conc: 11.87 ng/ml



#40 AR-1262-5

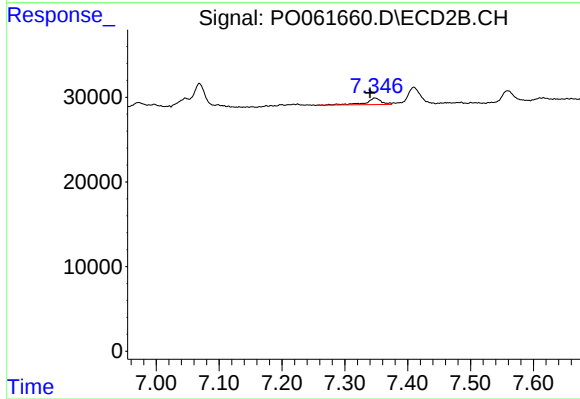
R.T.: 7.899 min
Delta R.T.: 0.008 min
Response: 6261
Conc: 4.13 ng/ml



#41 AR-1268-1

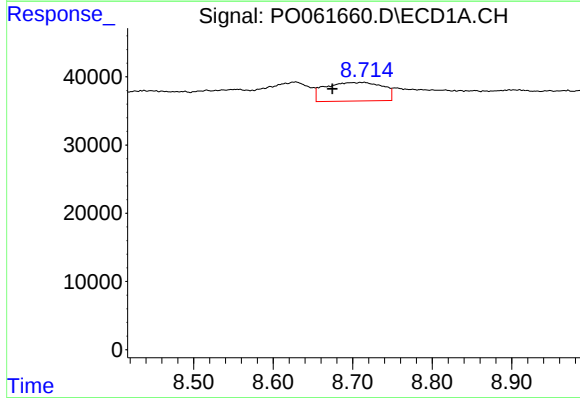
R.T.: 8.557 min
Delta R.T.: -0.024 min
Response: 59070
Conc: 8.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



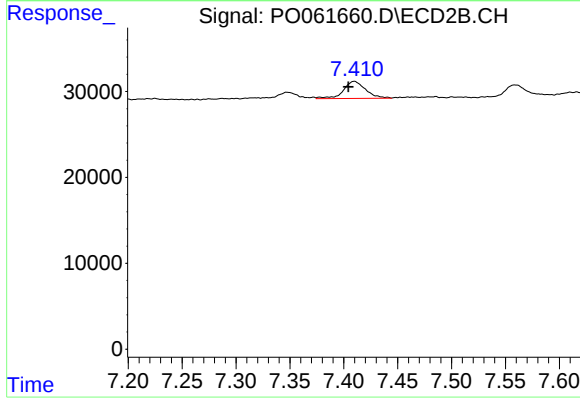
#41 AR-1268-1

R.T.: 7.348 min
Delta R.T.: 0.007 min
Response: 13077
Conc: 2.71 ng/ml



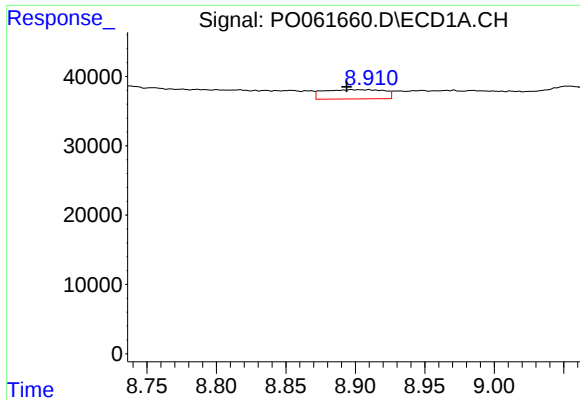
#42 AR-1268-2

R.T.: 8.701 min
Delta R.T.: 0.026 min
Response: 136777
Conc: 22.09 ng/ml



#42 AR-1268-2

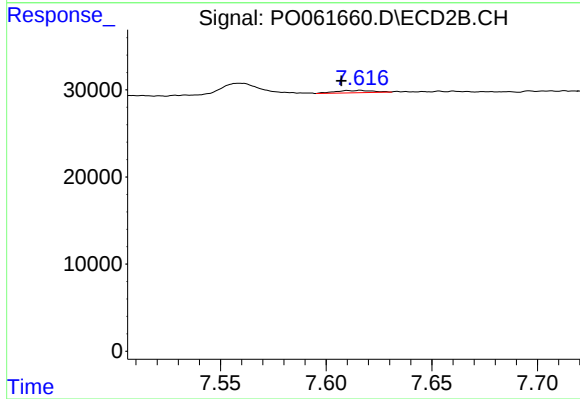
R.T.: 7.410 min
Delta R.T.: 0.005 min
Response: 28451
Conc: 6.60 ng/ml



#43 AR-1268-3

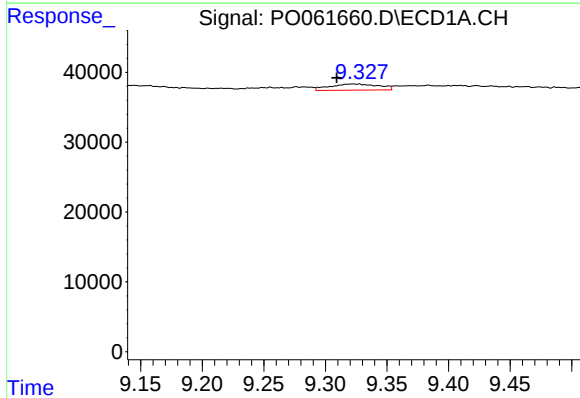
R.T.: 8.897 min
Delta R.T.: 0.003 min
Response: 40372
Conc: 7.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



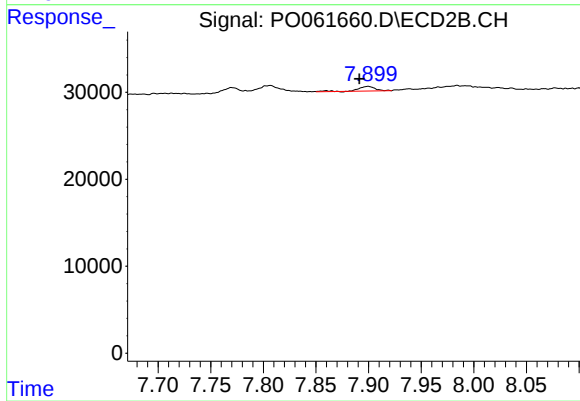
#43 AR-1268-3

R.T.: 7.616 min
Delta R.T.: 0.009 min
Response: 3228
Conc: 0.90 ng/ml



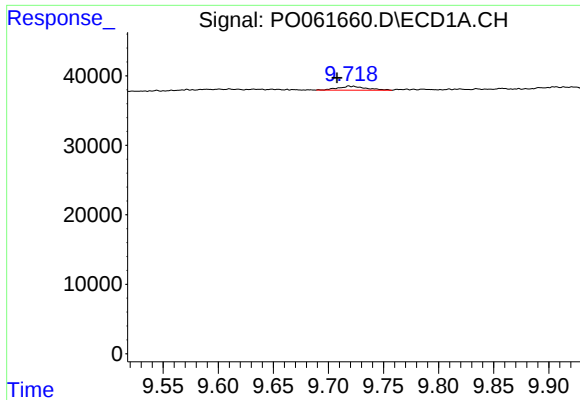
#44 AR-1268-4

R.T.: 9.327 min
Delta R.T.: 0.018 min
Response: 24145
Conc: 11.04 ng/ml



#44 AR-1268-4

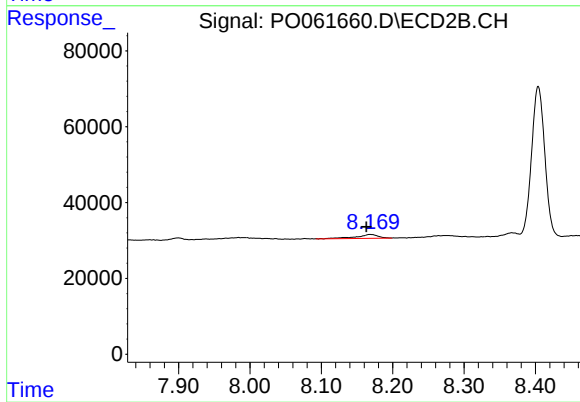
R.T.: 7.899 min
Delta R.T.: 0.008 min
Response: 6261
Conc: 3.89 ng/ml



#45 AR-1268-5

R.T.: 9.719 min
Delta R.T.: 0.011 min
Response: 10098
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.169 min
Delta R.T.: 0.005 min
Response: 22618
Conc: 2.25 ng/ml