

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100219\
 Data File : PO061605.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Oct 2019 20:38
 Operator : HP/AJ
 Sample : K5131-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:08:43 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...	4.367	3.526	732458	556678	17.859	17.214
2)	SA Decachlor...	10.030	8.394	411865	293465	8.844	9.064
Target Compounds							
3)	L1 AR-1016-1	5.531	4.578	103769	81560	56.588	60.655
4)	L1 AR-1016-2	5.553	4.596	179420	128403	69.413	69.281
5)	L1 AR-1016-3	5.617	4.767	53254	53453	33.150	53.361 #
6)	L1 AR-1016-4	5.712	4.808	59349	96684	44.391	111.572 #
7)	L1 AR-1016-5	6.005	5.014	100944	94527	73.605	82.814
8)	L2 AR-1221-1	4.551	3.688	4756	10190	10.287	25.734 #
9)	L2 AR-1221-2	4.669	3.816	14987	21823	41.743	70.762 #
10)	L2 AR-1221-3	4.740	3.890	31857	15202	27.981	16.667 #
11)	L3 AR-1232-1	4.740	3.890	31857	15202	22.781	13.540 #
12)	L3 AR-1232-2	5.262	4.596	47504	128403	60.549	105.189 #
13)	L3 AR-1232-3	5.553	4.767	179420	53453	105.005	80.958
14)	L3 AR-1232-4	5.712	4.848	59349	108040	67.077	171.397 #
15)	L3 AR-1232-5	5.802	5.014	104300	94527	150.433	137.764
16)	L4 AR-1242-1	5.531	4.578	103769	81560	73.068	79.610
17)	L4 AR-1242-2	5.553	4.596	179420	128403	89.271	91.052
18)	L4 AR-1242-3	5.617	4.767	53254	53453	42.202	68.452 #
19)	L4 AR-1242-4	5.712	4.848	59349	108040	56.481	131.660 #
20)	L4 AR-1242-5	6.447	5.357	181095	183573	135.398	171.365 #
21)	L5 AR-1248-1	5.531	4.578	103769	81560	88.328	91.148
22)	L5 AR-1248-2	5.802	4.808	104300	96684	61.819	82.056 #
23)	L5 AR-1248-3	6.005	4.848	100944	108040	54.014	87.040 #
24)	L5 AR-1248-4	6.408	5.014	134884	94527	57.085	62.880
25)	L5 AR-1248-5	6.447	5.396	181095	123692	79.867	80.625
26)	L6 AR-1254-1	6.382	5.357	167781	183573	73.543	83.698
27)	L6 AR-1254-2	6.601	5.502	348450	135784	96.442	69.260 #
28)	L6 AR-1254-3	6.966	5.895	194623	212471	49.809	66.736 #
29)	L6 AR-1254-4	7.249	6.118	129425	110960	42.734	54.691 #
30)	L6 AR-1254-5	7.666	6.528	181470	138052	57.785	48.808
31)	L7 AR-1260-1	7.126	6.023	125021	137820	47.891	67.566 #
32)	L7 AR-1260-2	7.380	6.208	233662	127782	73.294	53.204 #
33)	L7 AR-1260-3	7.740	6.357	105449	105606	43.903	46.871
34)	L7 AR-1260-4	7.961	6.821	220555	41095	82.542	22.259 #
35)	L7 AR-1260-5	8.279	7.060	161762	119727	32.692	30.750
36)	L8 AR-1262-1	7.740	6.619	105449	28082	27.522	23.006
37)	L8 AR-1262-2	8.279	7.060	161762	119727	26.057	26.039
38)	L8 AR-1262-3	8.599	7.339	156055	39539	37.546	20.989 #
39)	L8 AR-1262-4	8.671	7.400	68219	81859	21.610	24.357
40)	L8 AR-1262-5	9.308	7.890	56264	25337	27.667	16.713 #
41)	L9 AR-1268-1	8.599	7.339	156055	39539	23.207	8.188 #

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Acq On : 02 Oct 2019 20:38
Operator : HP/AJ
Sample : K5131-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

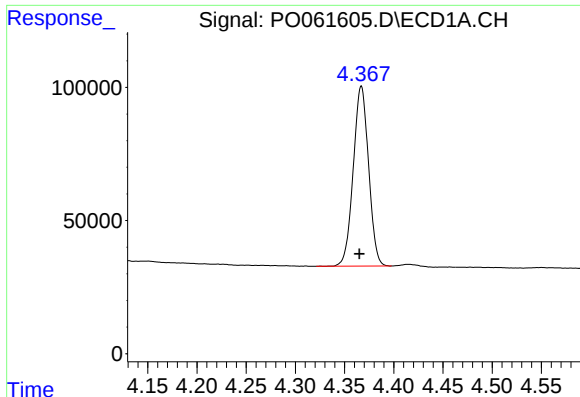
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:08:43 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
42)	L9 AR-1268-2	8.671	7.400	68219	81859	11.016	18.994 #
43)	L9 AR-1268-3	8.894	7.605	48984	10806	9.582	3.015 #
44)	L9 AR-1268-4	9.308	7.890	56264	25337	25.731	15.743 #
45)	L9 AR-1268-5	9.708	8.161	33075	29377	2.202	2.921 #

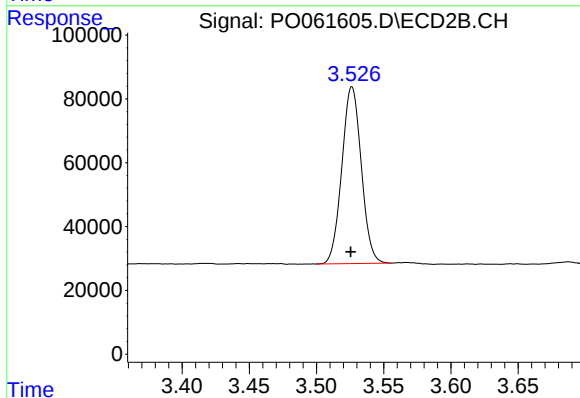
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

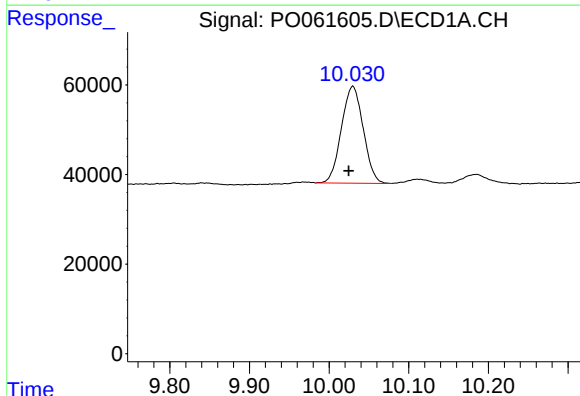
R.T.: 4.367 min
Delta R.T.: 0.002 min
Response: 732458
Conc: 17.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



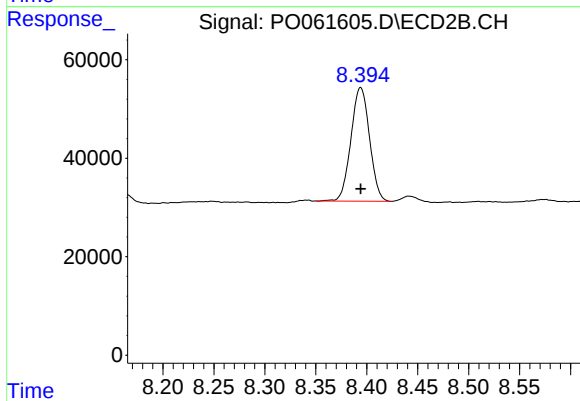
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 556678
Conc: 17.21 ng/ml



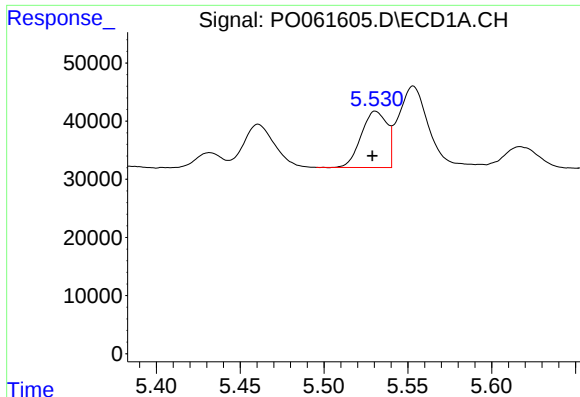
#2 Decachlorobiphenyl

R.T.: 10.030 min
Delta R.T.: 0.005 min
Response: 411865
Conc: 8.84 ng/ml



#2 Decachlorobiphenyl

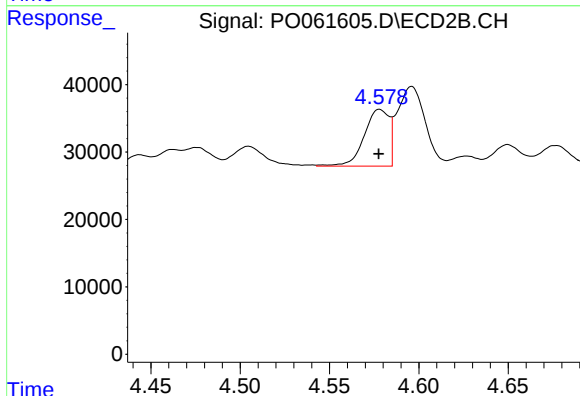
R.T.: 8.394 min
Delta R.T.: 0.000 min
Response: 293465
Conc: 9.06 ng/ml



#3 AR-1016-1

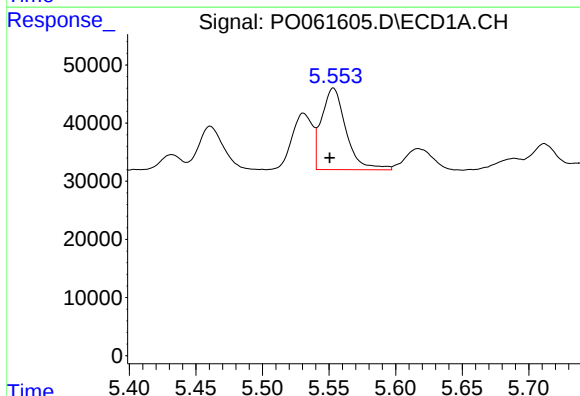
R.T.: 5.531 min
Delta R.T.: 0.002 min
Response: 103769
Conc: 56.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



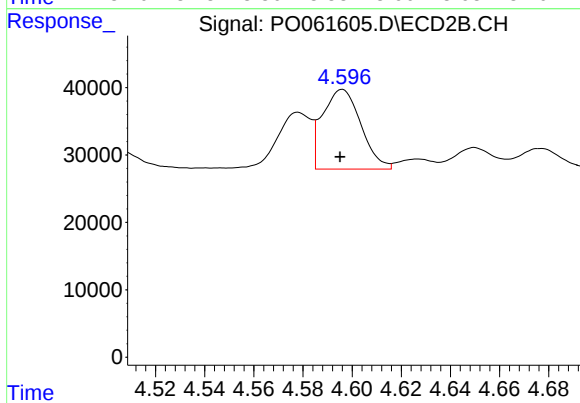
#3 AR-1016-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 81560
Conc: 60.65 ng/ml



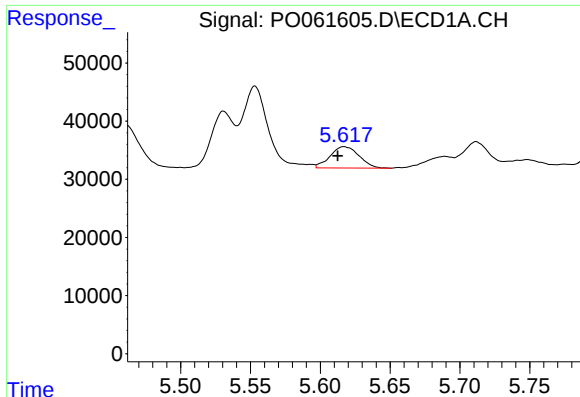
#4 AR-1016-2

R.T.: 5.553 min
Delta R.T.: 0.003 min
Response: 179420
Conc: 69.41 ng/ml



#4 AR-1016-2

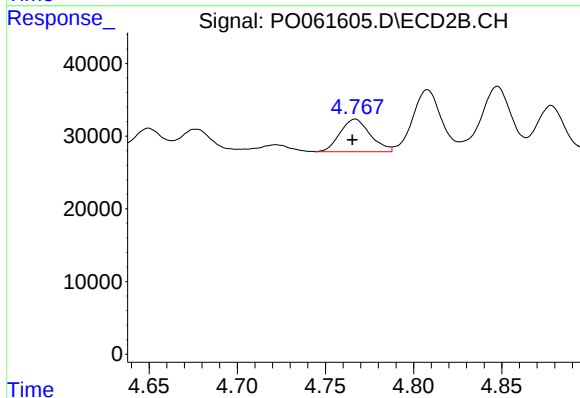
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 128403
Conc: 69.28 ng/ml



#5 AR-1016-3

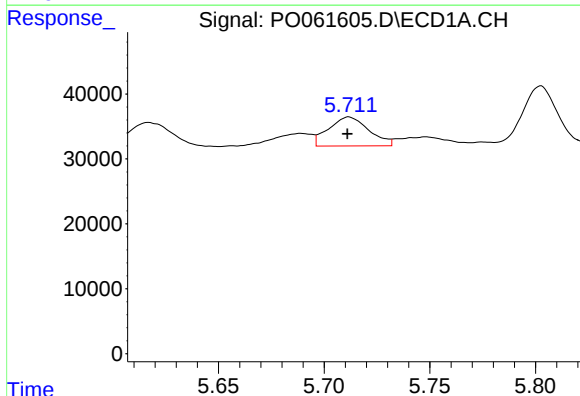
R.T.: 5.617 min
Delta R.T.: 0.005 min
Response: 53254
Conc: 33.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



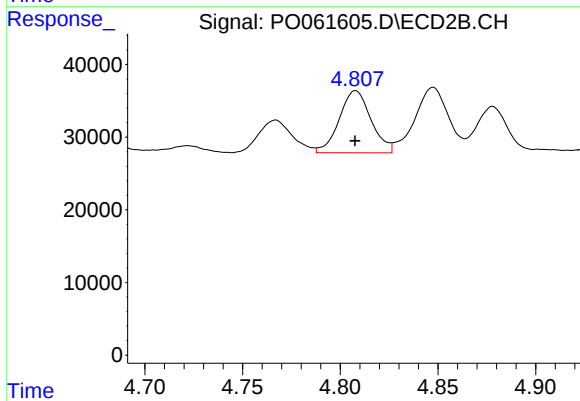
#5 AR-1016-3

R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 53453
Conc: 53.36 ng/ml



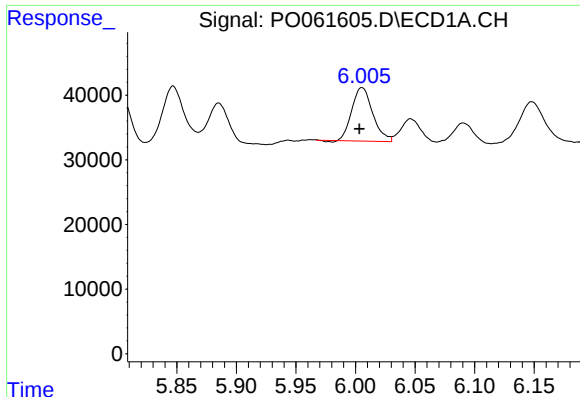
#6 AR-1016-4

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 59349
Conc: 44.39 ng/ml



#6 AR-1016-4

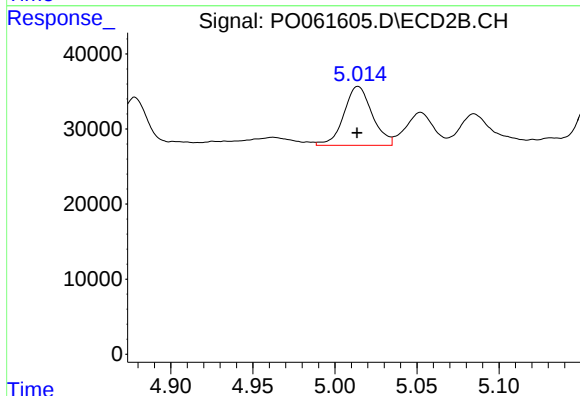
R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 96684
Conc: 111.57 ng/ml



#7 AR-1016-5

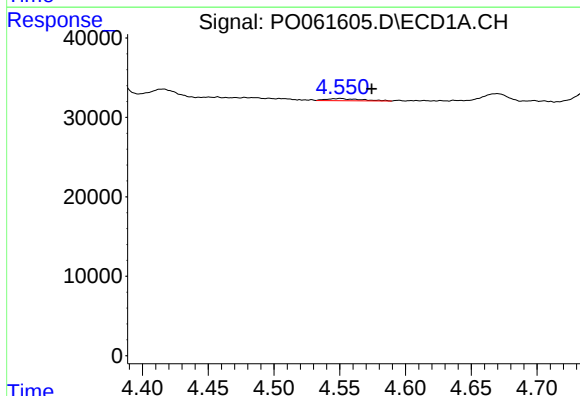
R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 100944
Conc: 73.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



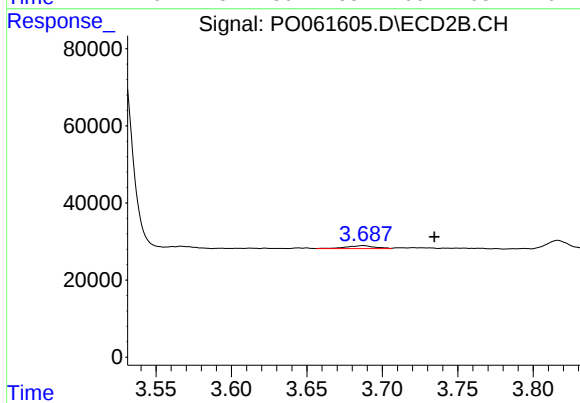
#7 AR-1016-5

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 94527
Conc: 82.81 ng/ml



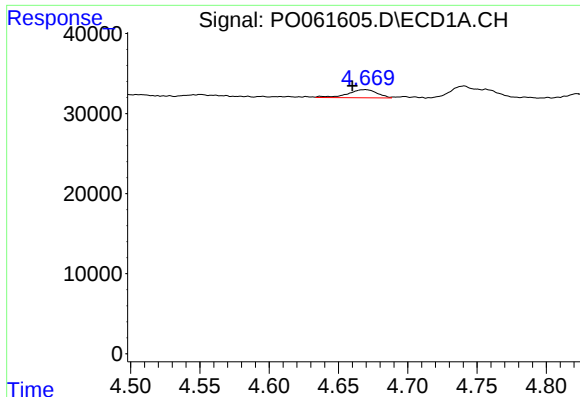
#8 AR-1221-1

R.T.: 4.551 min
Delta R.T.: -0.023 min
Response: 4756
Conc: 10.29 ng/ml



#8 AR-1221-1

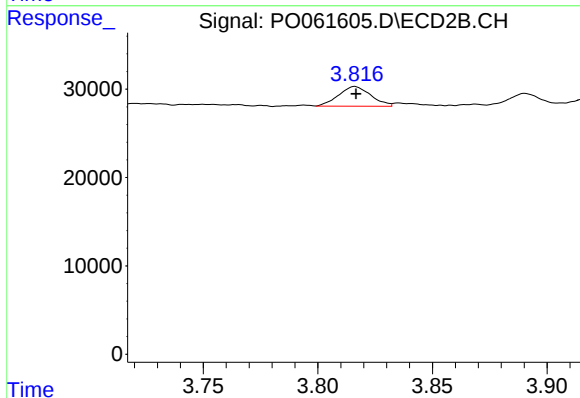
R.T.: 3.688 min
Delta R.T.: -0.047 min
Response: 10190
Conc: 25.73 ng/ml



#9 AR-1221-2

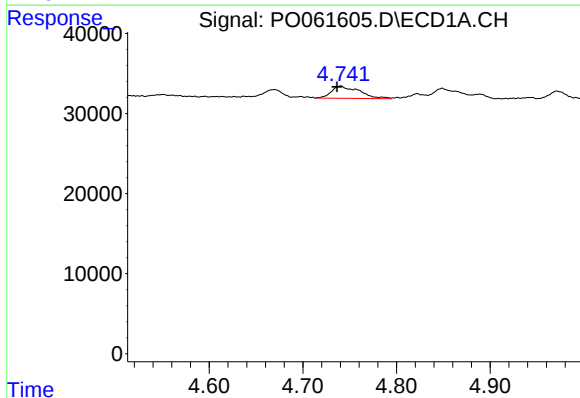
R.T.: 4.669 min
Delta R.T.: 0.009 min
Response: 14987
Conc: 41.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



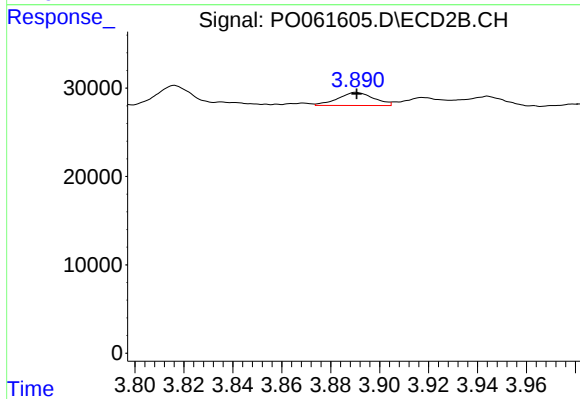
#9 AR-1221-2

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 21823
Conc: 70.76 ng/ml



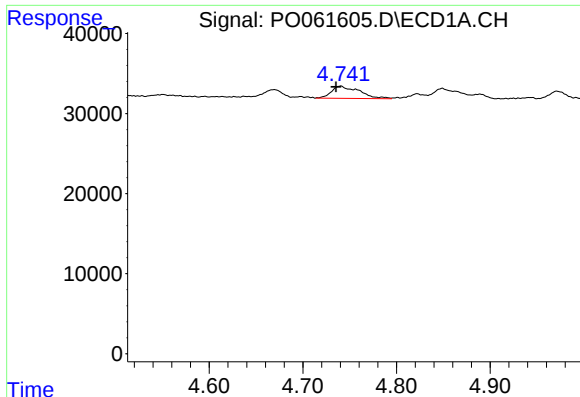
#10 AR-1221-3

R.T.: 4.740 min
Delta R.T.: 0.004 min
Response: 31857
Conc: 27.98 ng/ml



#10 AR-1221-3

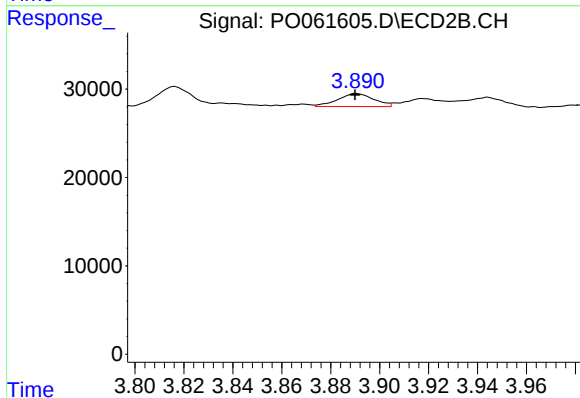
R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 15202
Conc: 16.67 ng/ml



#11 AR-1232-1

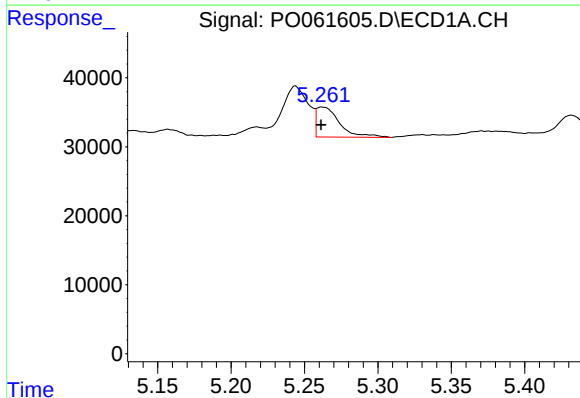
R.T.: 4.740 min
Delta R.T.: 0.005 min
Response: 31857
Conc: 22.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



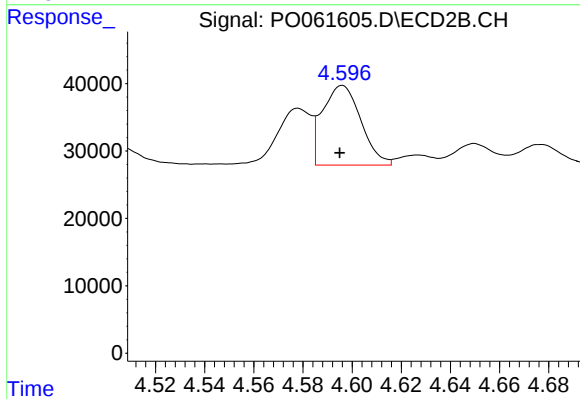
#11 AR-1232-1

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 15202
Conc: 13.54 ng/ml



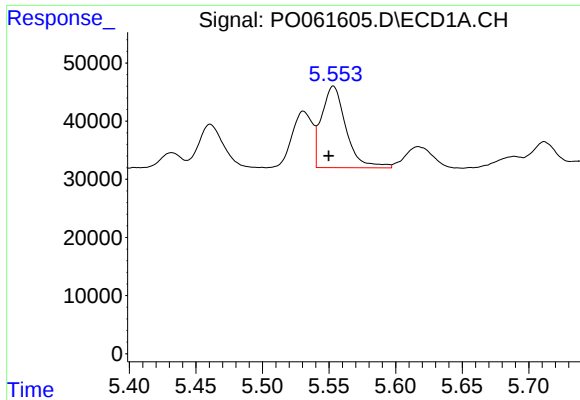
#12 AR-1232-2

R.T.: 5.262 min
Delta R.T.: 0.001 min
Response: 47504
Conc: 60.55 ng/ml



#12 AR-1232-2

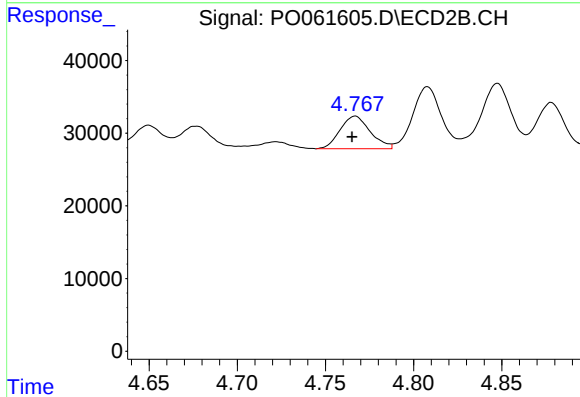
R.T.: 4.596 min
Delta R.T.: 0.001 min
Response: 128403
Conc: 105.19 ng/ml



#13 AR-1232-3

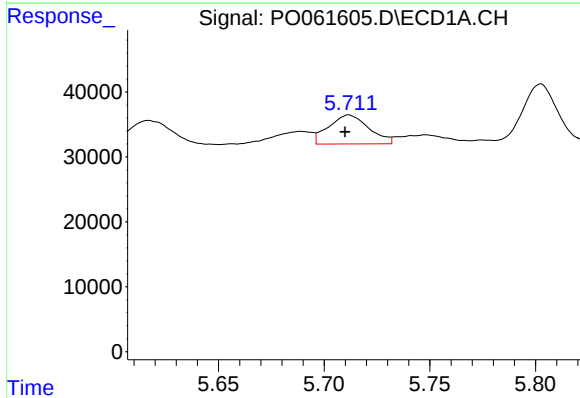
R.T.: 5.553 min
Delta R.T.: 0.003 min
Response: 179420
Conc: 105.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



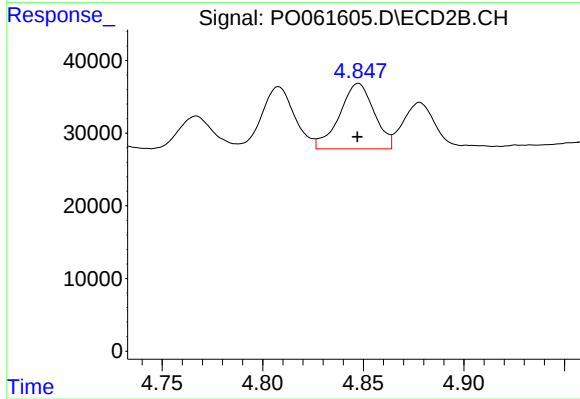
#13 AR-1232-3

R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 53453
Conc: 80.96 ng/ml



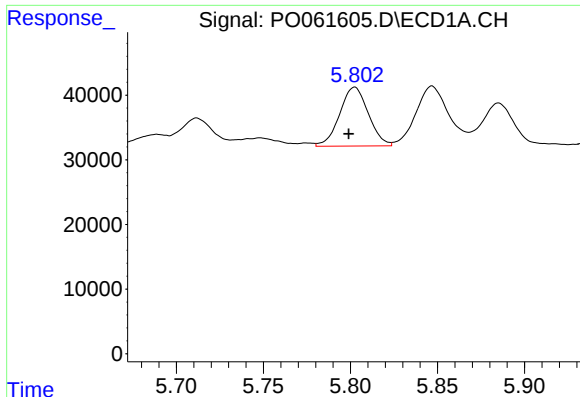
#14 AR-1232-4

R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 59349
Conc: 67.08 ng/ml



#14 AR-1232-4

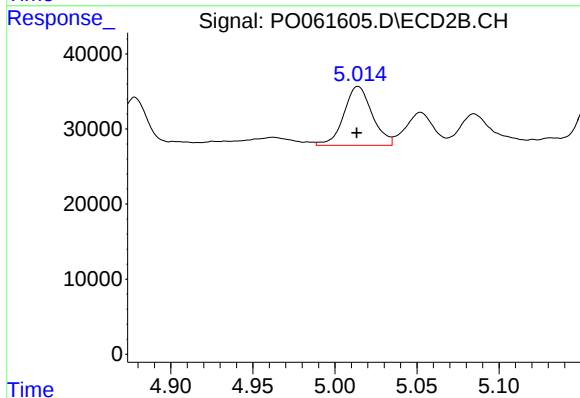
R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 108040
Conc: 171.40 ng/ml



#15 AR-1232-5

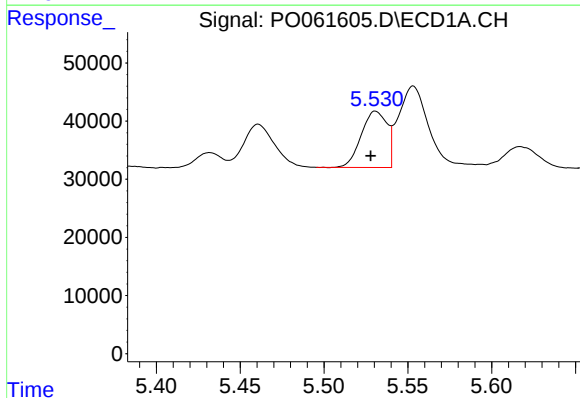
R.T.: 5.802 min
Delta R.T.: 0.003 min
Response: 104300
Conc: 150.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



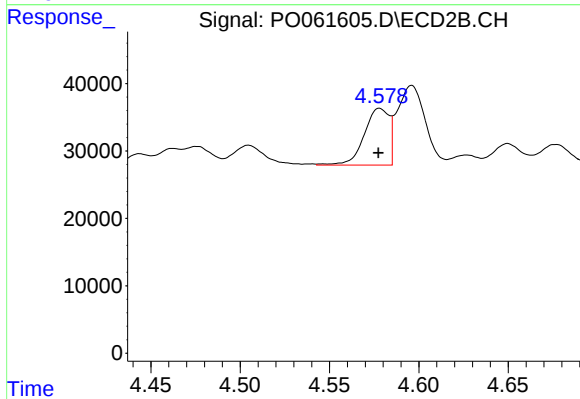
#15 AR-1232-5

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 94527
Conc: 137.76 ng/ml



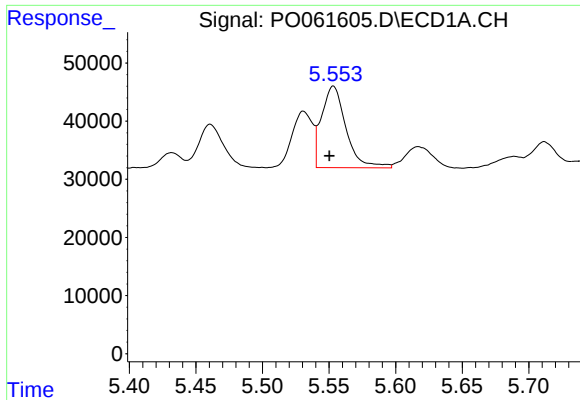
#16 AR-1242-1

R.T.: 5.531 min
Delta R.T.: 0.003 min
Response: 103769
Conc: 73.07 ng/ml



#16 AR-1242-1

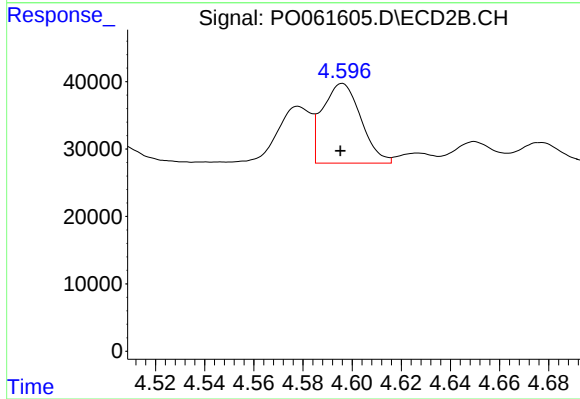
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 81560
Conc: 79.61 ng/ml



#17 AR-1242-2

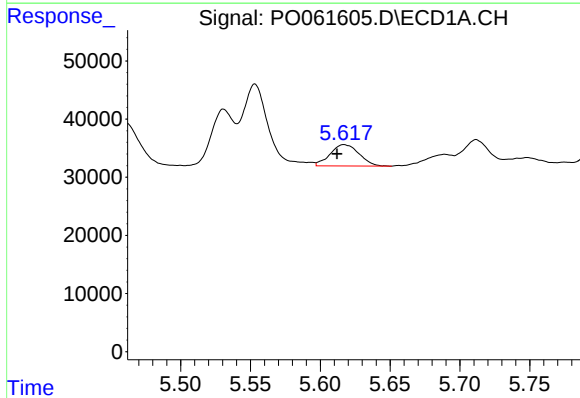
R.T.: 5.553 min
Delta R.T.: 0.003 min
Response: 179420
Conc: 89.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



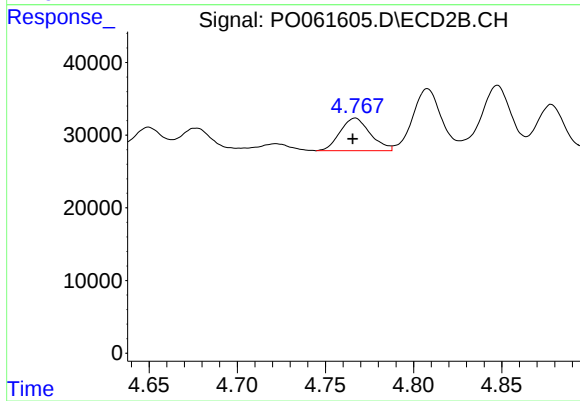
#17 AR-1242-2

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 128403
Conc: 91.05 ng/ml



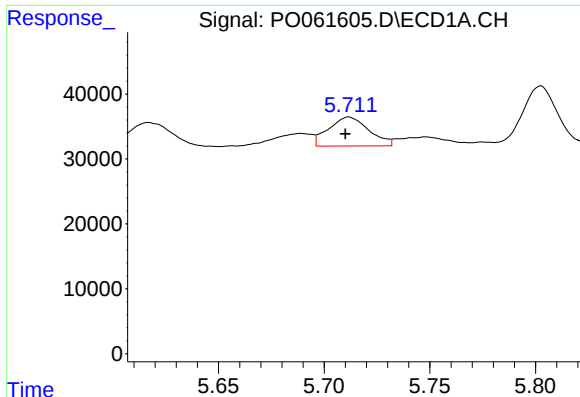
#18 AR-1242-3

R.T.: 5.617 min
Delta R.T.: 0.005 min
Response: 53254
Conc: 42.20 ng/ml



#18 AR-1242-3

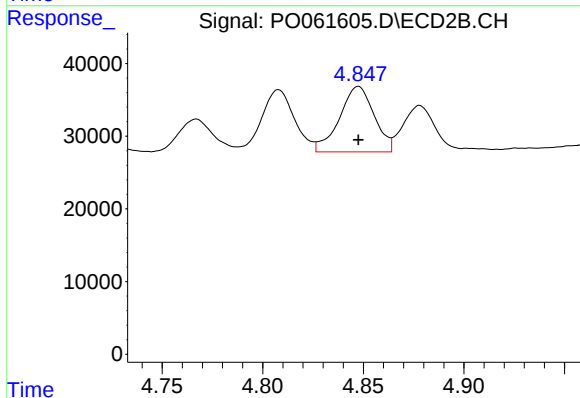
R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 53453
Conc: 68.45 ng/ml



#19 AR-1242-4

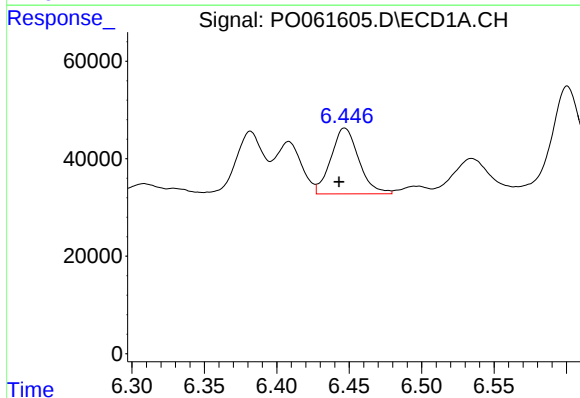
R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 59349
Conc: 56.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



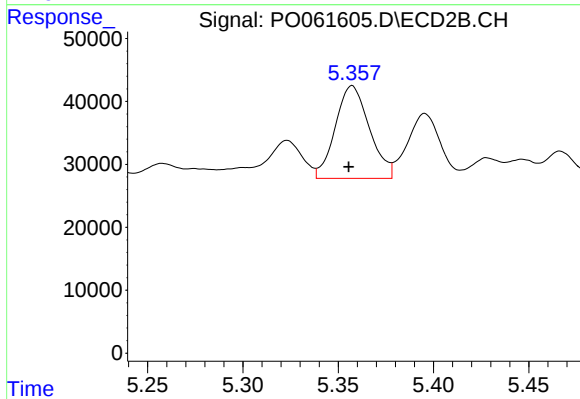
#19 AR-1242-4

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 108040
Conc: 131.66 ng/ml



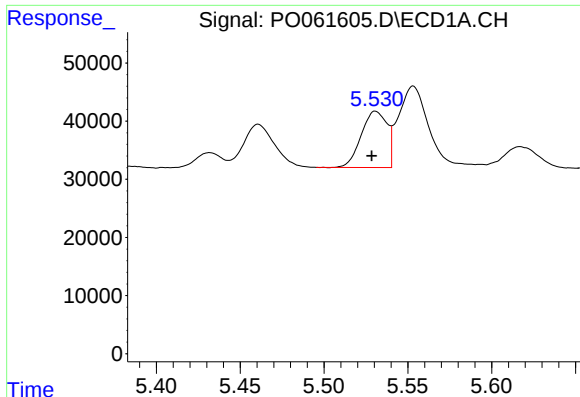
#20 AR-1242-5

R.T.: 6.447 min
Delta R.T.: 0.004 min
Response: 181095
Conc: 135.40 ng/ml



#20 AR-1242-5

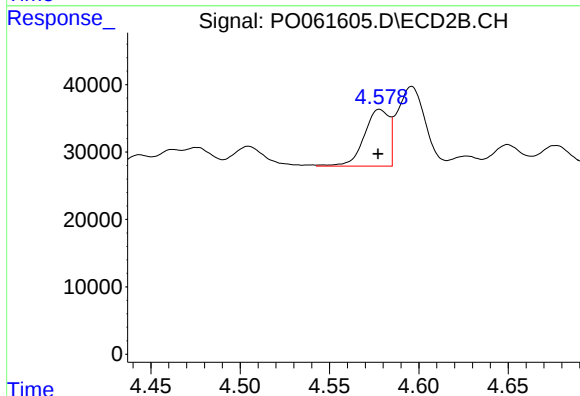
R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 183573
Conc: 171.36 ng/ml



#21 AR-1248-1

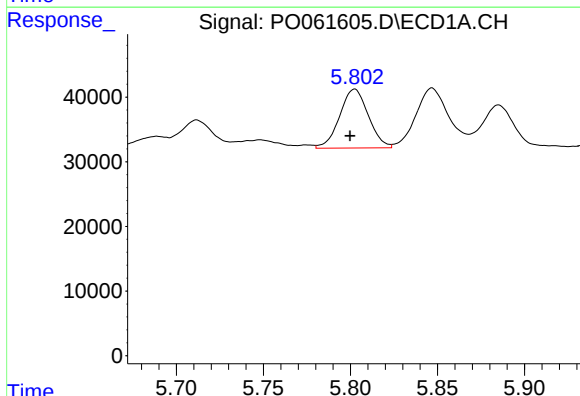
R.T.: 5.531 min
Delta R.T.: 0.002 min
Response: 103769
Conc: 88.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



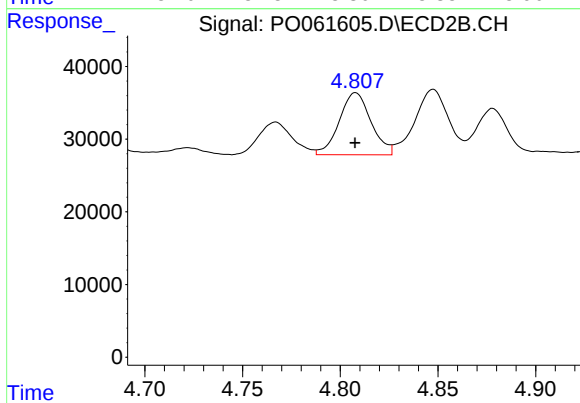
#21 AR-1248-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 81560
Conc: 91.15 ng/ml



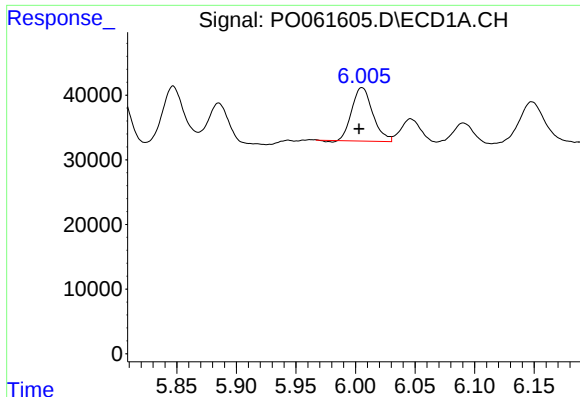
#22 AR-1248-2

R.T.: 5.802 min
Delta R.T.: 0.003 min
Response: 104300
Conc: 61.82 ng/ml



#22 AR-1248-2

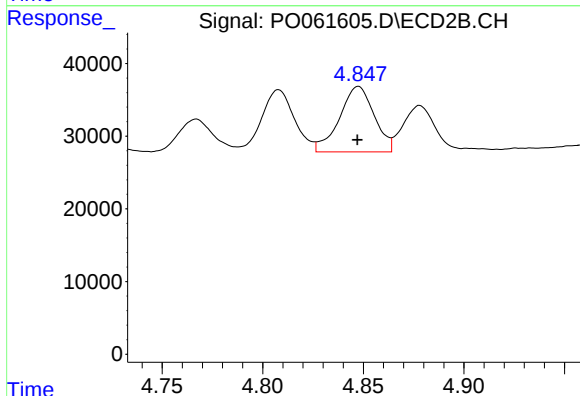
R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 96684
Conc: 82.06 ng/ml



#23 AR-1248-3

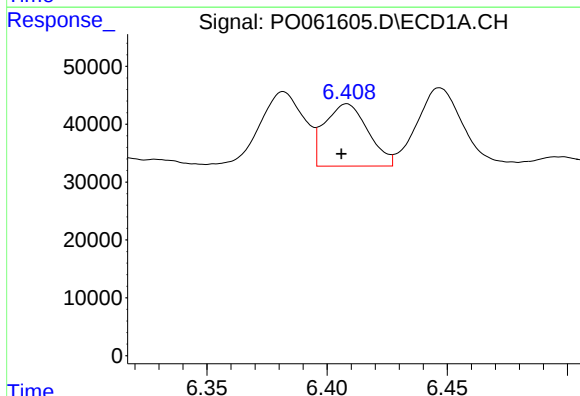
R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 100944
Conc: 54.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



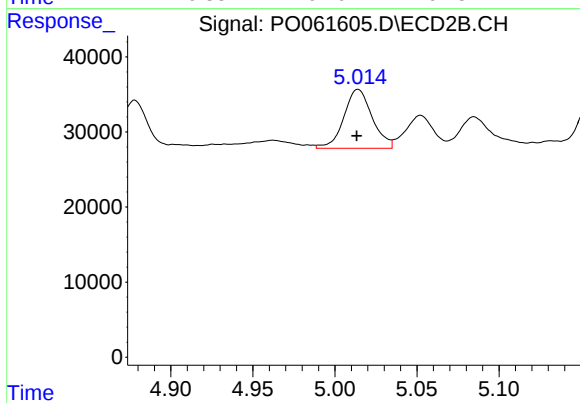
#23 AR-1248-3

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 108040
Conc: 87.04 ng/ml



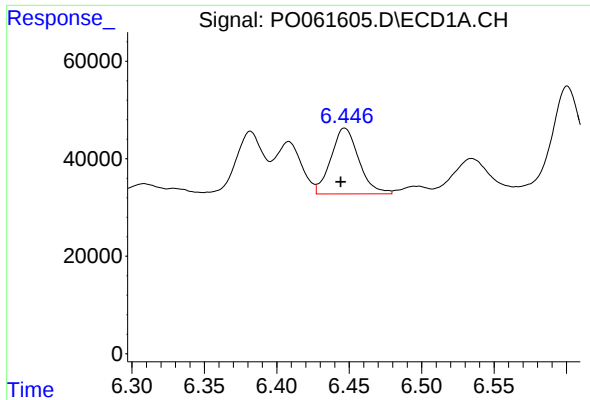
#24 AR-1248-4

R.T.: 6.408 min
Delta R.T.: 0.002 min
Response: 134884
Conc: 57.09 ng/ml



#24 AR-1248-4

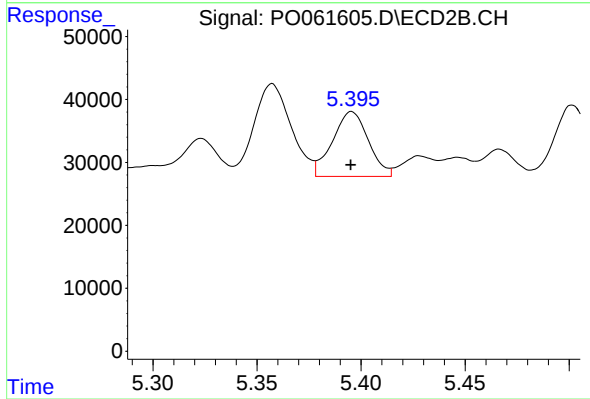
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 94527
Conc: 62.88 ng/ml



#25 AR-1248-5

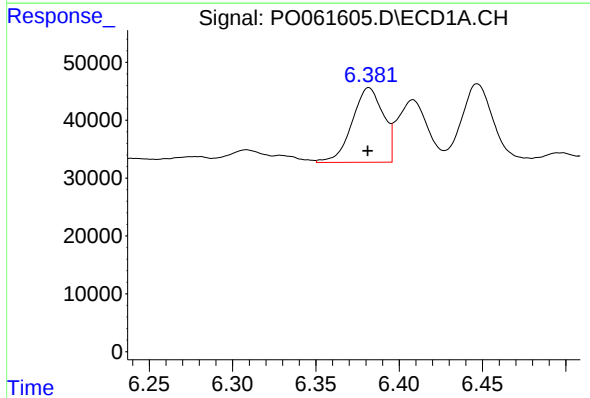
R.T.: 6.447 min
Delta R.T.: 0.003 min
Response: 181095
Conc: 79.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



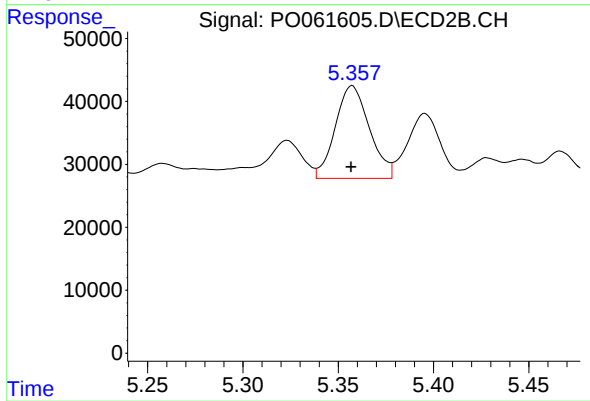
#25 AR-1248-5

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 123692
Conc: 80.63 ng/ml



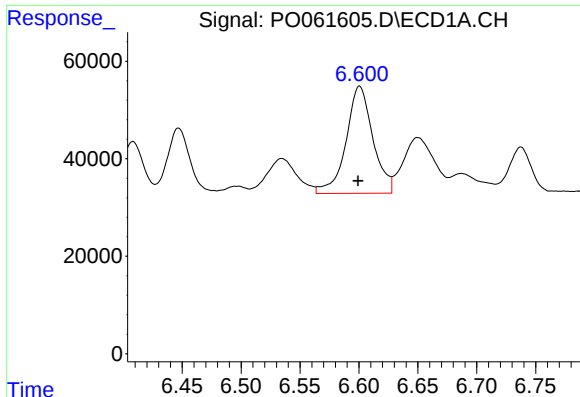
#26 AR-1254-1

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 167781
Conc: 73.54 ng/ml



#26 AR-1254-1

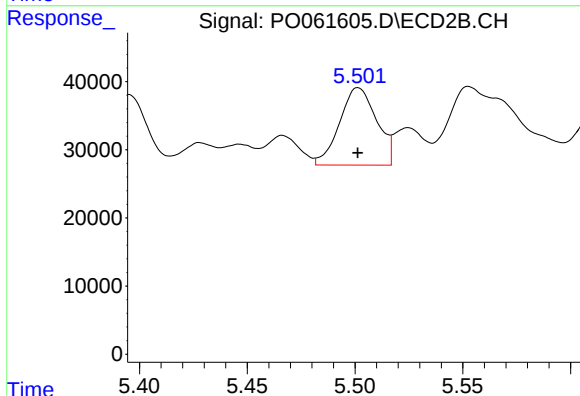
R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 183573
Conc: 83.70 ng/ml



#27 AR-1254-2

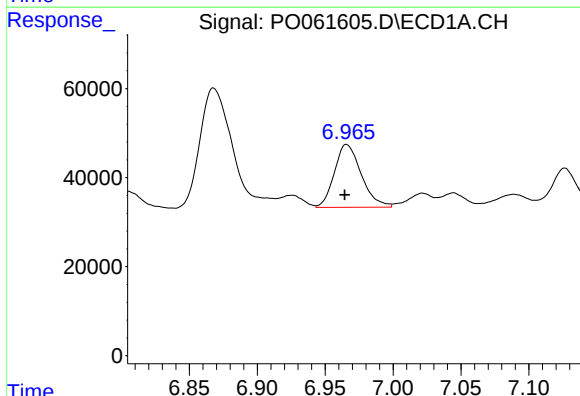
R.T.: 6.601 min
Delta R.T.: 0.001 min
Response: 348450
Conc: 96.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



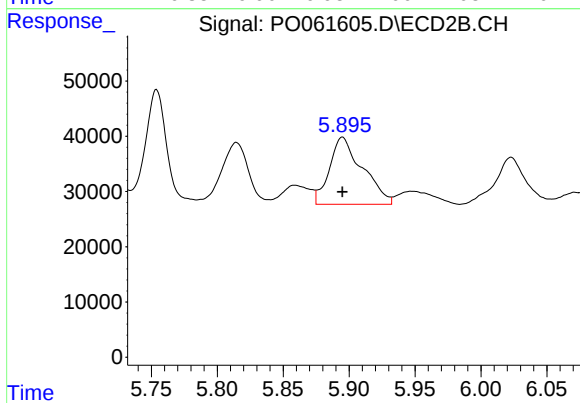
#27 AR-1254-2

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 135784
Conc: 69.26 ng/ml



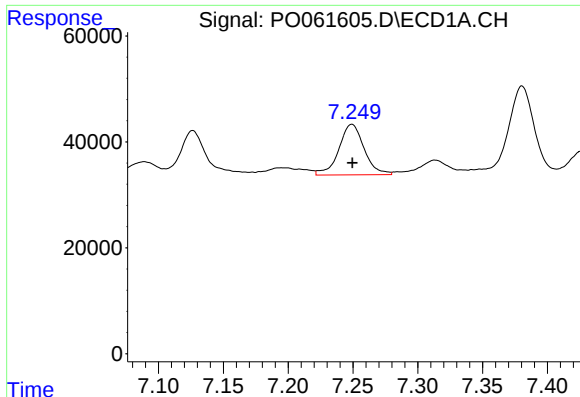
#28 AR-1254-3

R.T.: 6.966 min
Delta R.T.: 0.001 min
Response: 194623
Conc: 49.81 ng/ml



#28 AR-1254-3

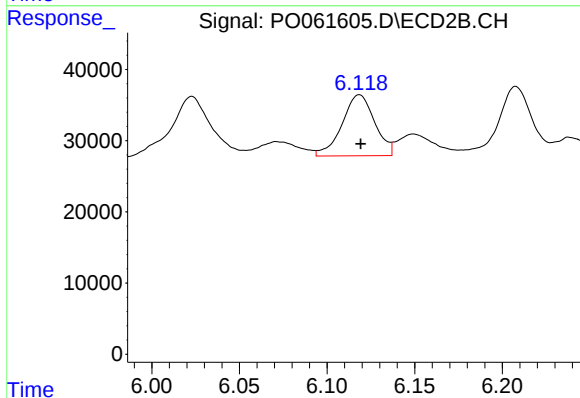
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 212471
Conc: 66.74 ng/ml



#29 AR-1254-4

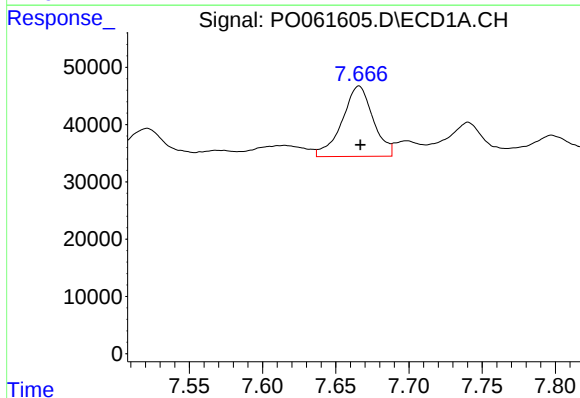
R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 129425
Conc: 42.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



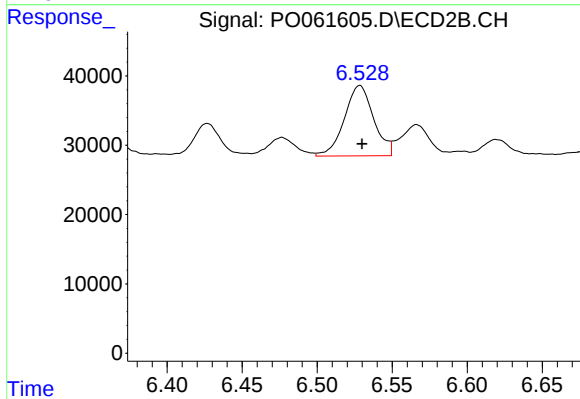
#29 AR-1254-4

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 110960
Conc: 54.69 ng/ml



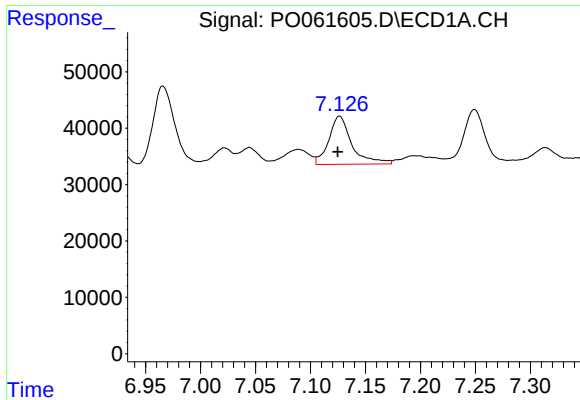
#30 AR-1254-5

R.T.: 7.666 min
Delta R.T.: -0.001 min
Response: 181470
Conc: 57.79 ng/ml



#30 AR-1254-5

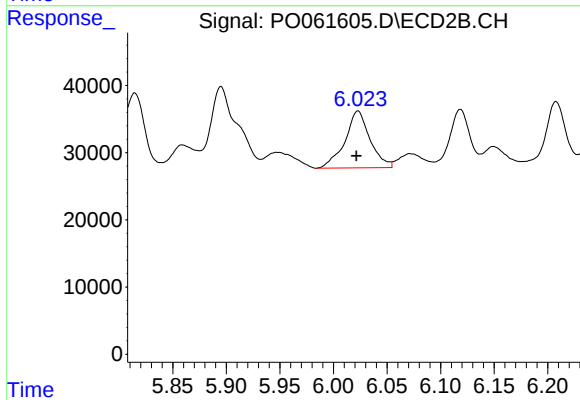
R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 138052
Conc: 48.81 ng/ml



#31 AR-1260-1

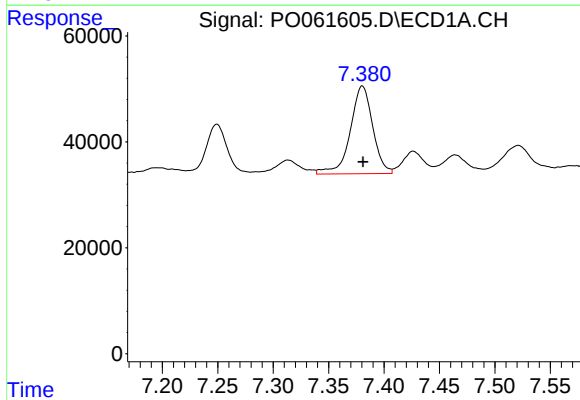
R.T.: 7.126 min
Delta R.T.: 0.002 min
Response: 125021
Conc: 47.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



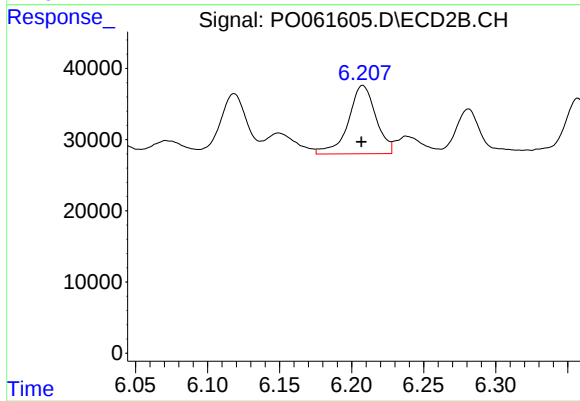
#31 AR-1260-1

R.T.: 6.023 min
Delta R.T.: 0.002 min
Response: 137820
Conc: 67.57 ng/ml



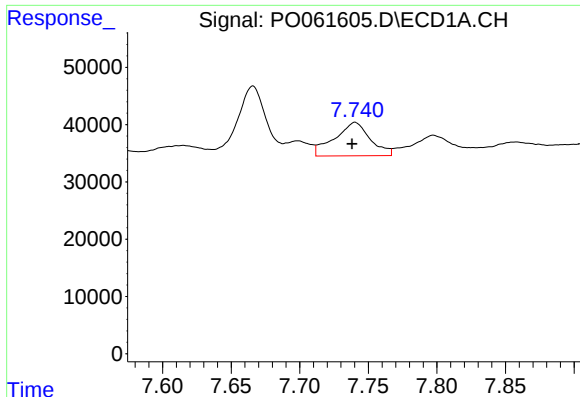
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 233662
Conc: 73.29 ng/ml



#32 AR-1260-2

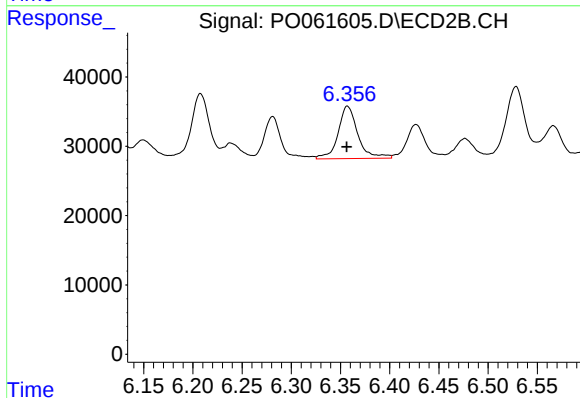
R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 127782
Conc: 53.20 ng/ml



#33 AR-1260-3

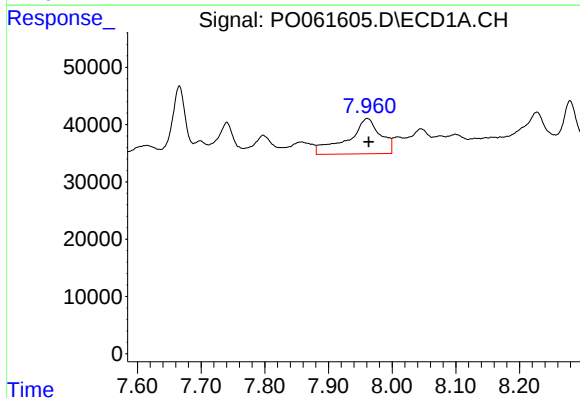
R.T.: 7.740 min
Delta R.T.: 0.002 min
Response: 105449
Conc: 43.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



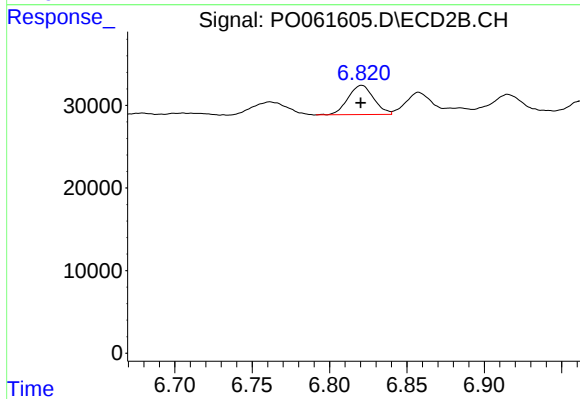
#33 AR-1260-3

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 105606
Conc: 46.87 ng/ml



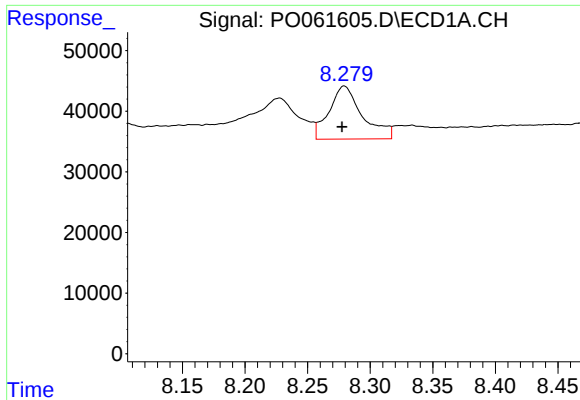
#34 AR-1260-4

R.T.: 7.961 min
Delta R.T.: -0.002 min
Response: 220555
Conc: 82.54 ng/ml



#34 AR-1260-4

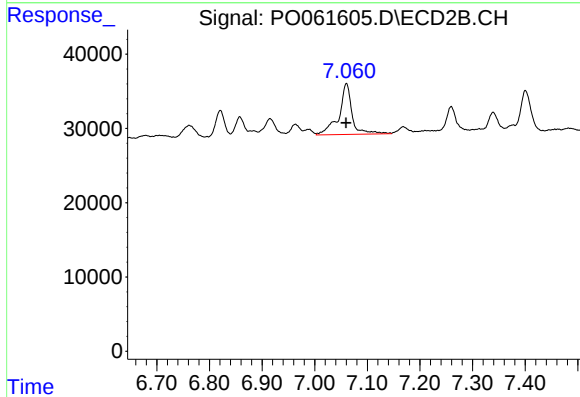
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 41095
Conc: 22.26 ng/ml



#35 AR-1260-5

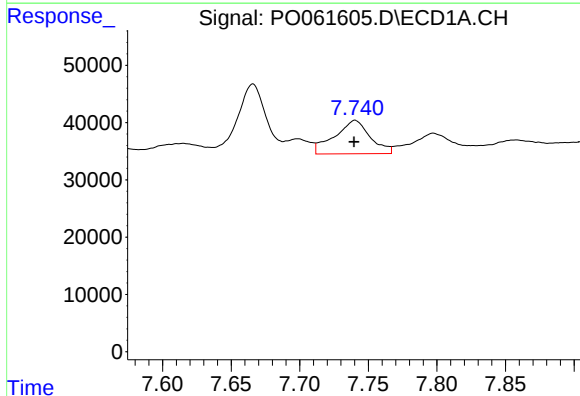
R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 161762
Conc: 32.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



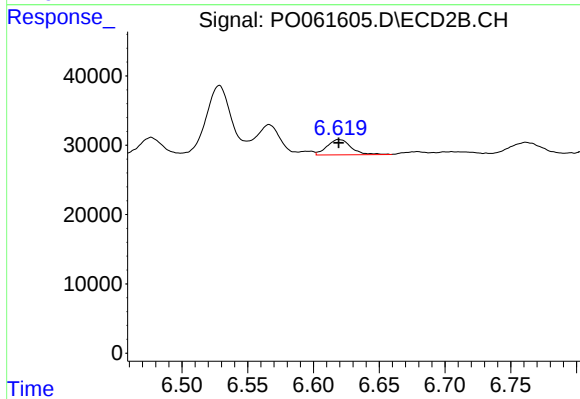
#35 AR-1260-5

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 119727
Conc: 30.75 ng/ml



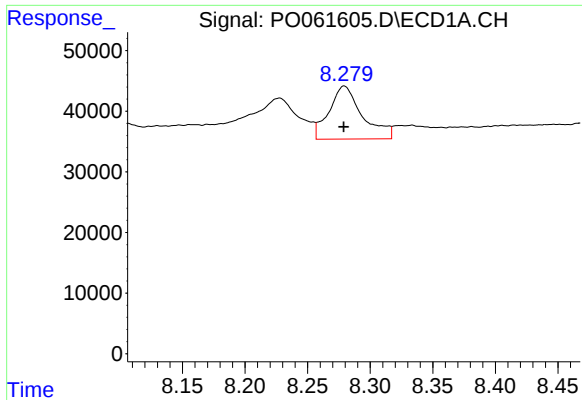
#36 AR-1262-1

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 105449
Conc: 27.52 ng/ml



#36 AR-1262-1

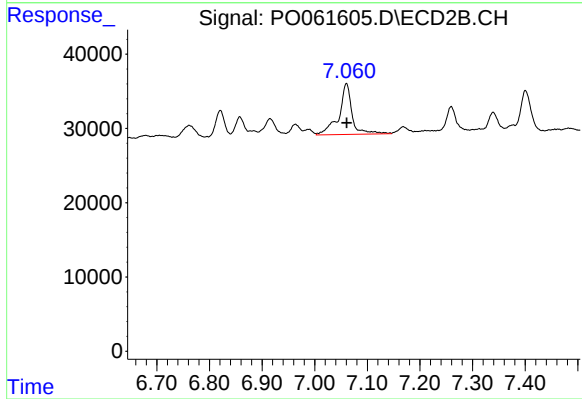
R.T.: 6.619 min
Delta R.T.: 0.000 min
Response: 28082
Conc: 23.01 ng/ml



#37 AR-1262-2

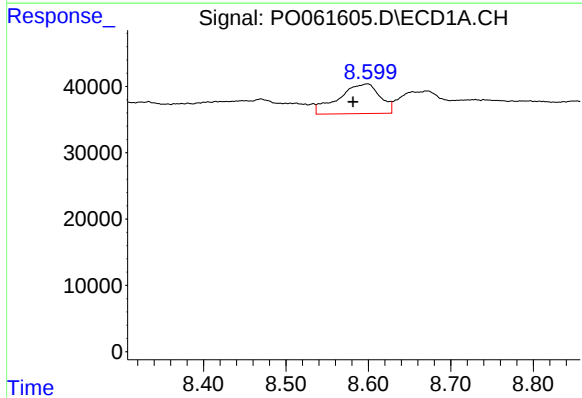
R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 161762
Conc: 26.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



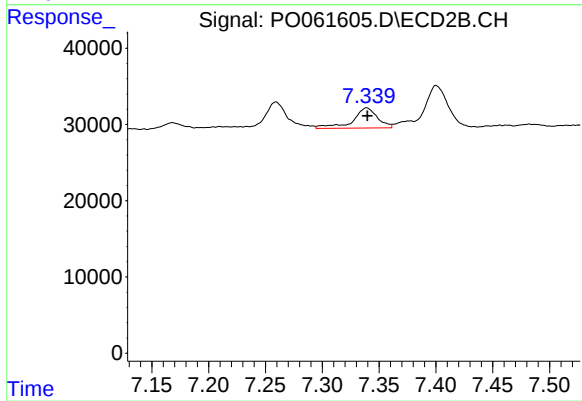
#37 AR-1262-2

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 119727
Conc: 26.04 ng/ml



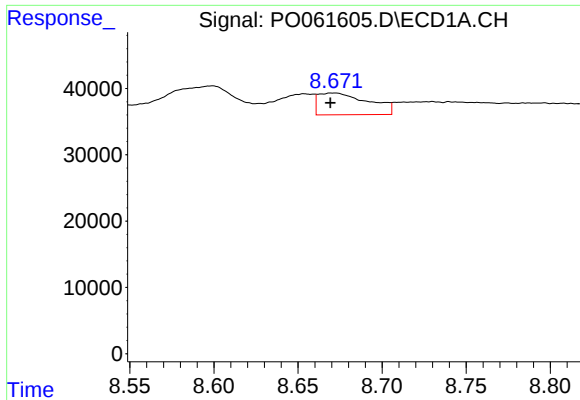
#38 AR-1262-3

R.T.: 8.599 min
Delta R.T.: 0.017 min
Response: 156055
Conc: 37.55 ng/ml



#38 AR-1262-3

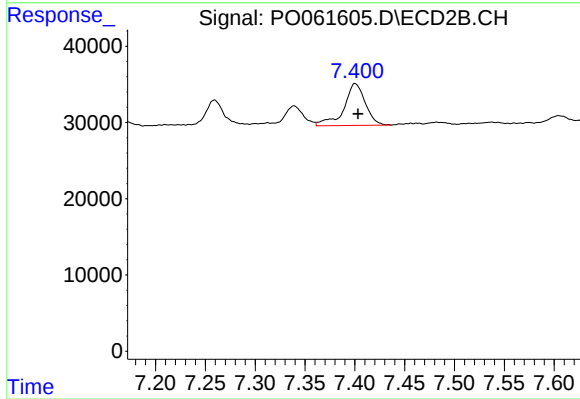
R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 39539
Conc: 20.99 ng/ml



#39 AR-1262-4

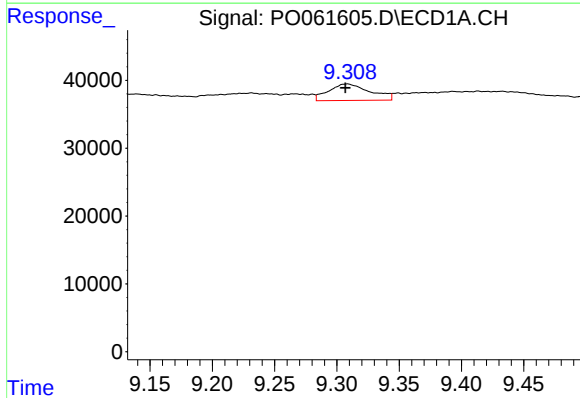
R.T.: 8.671 min
Delta R.T.: 0.002 min
Response: 68219
Conc: 21.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



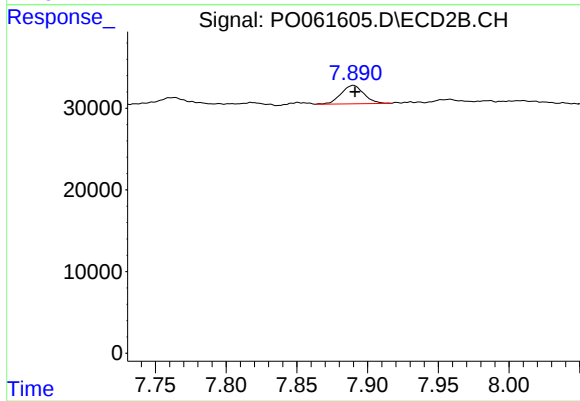
#39 AR-1262-4

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 81859
Conc: 24.36 ng/ml



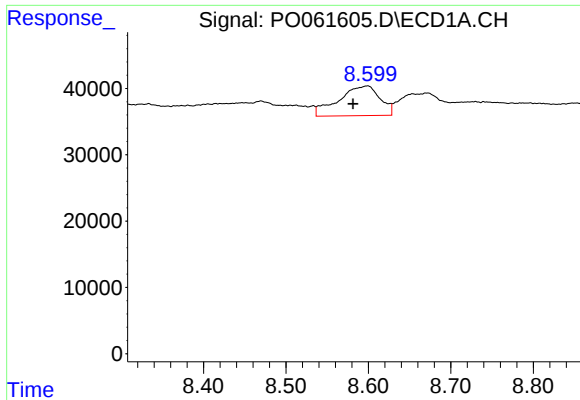
#40 AR-1262-5

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 56264
Conc: 27.67 ng/ml



#40 AR-1262-5

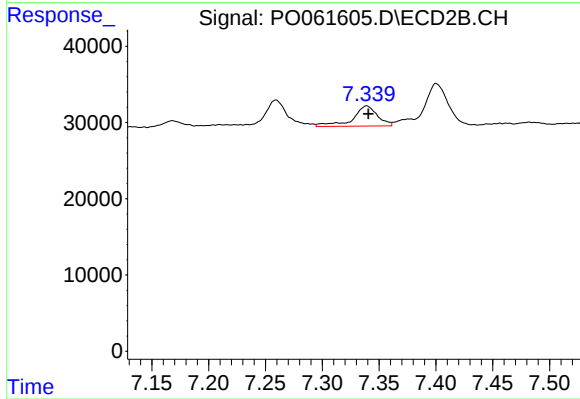
R.T.: 7.890 min
Delta R.T.: -0.001 min
Response: 25337
Conc: 16.71 ng/ml



#41 AR-1268-1

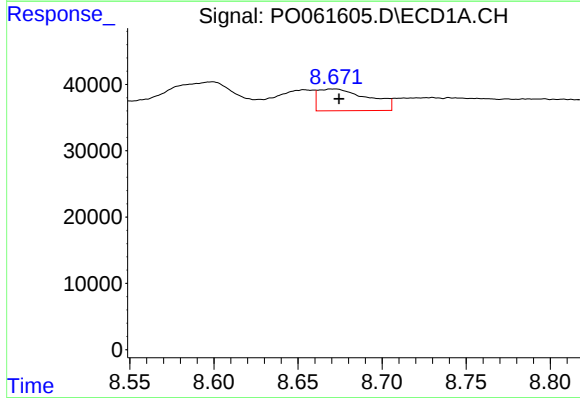
R.T.: 8.599 min
Delta R.T.: 0.017 min
Response: 156055
Conc: 23.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



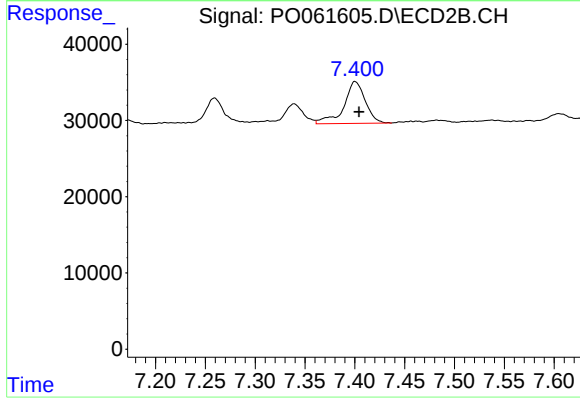
#41 AR-1268-1

R.T.: 7.339 min
Delta R.T.: -0.001 min
Response: 39539
Conc: 8.19 ng/ml



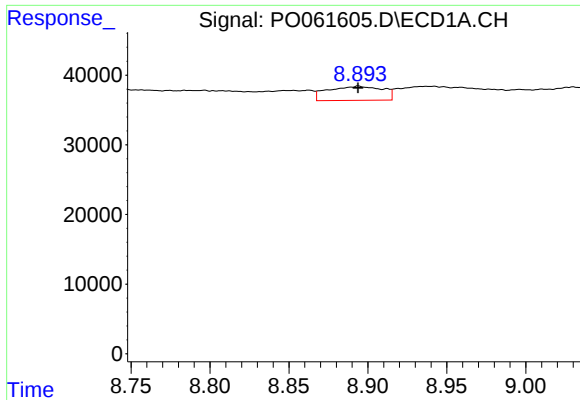
#42 AR-1268-2

R.T.: 8.671 min
Delta R.T.: -0.003 min
Response: 68219
Conc: 11.02 ng/ml



#42 AR-1268-2

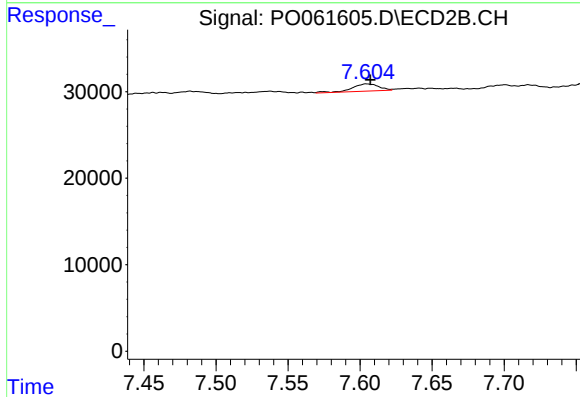
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 81859
Conc: 18.99 ng/ml



#43 AR-1268-3

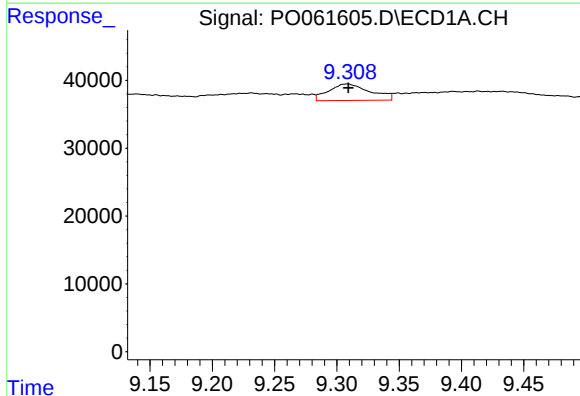
R.T.: 8.894 min
Delta R.T.: 0.000 min
Response: 48984
Conc: 9.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



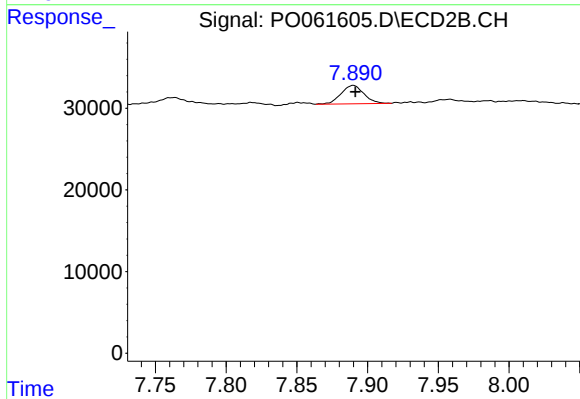
#43 AR-1268-3

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 10806
Conc: 3.01 ng/ml



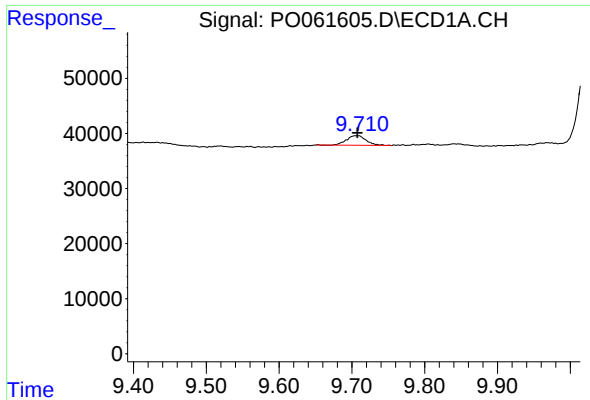
#44 AR-1268-4

R.T.: 9.308 min
Delta R.T.: 0.000 min
Response: 56264
Conc: 25.73 ng/ml



#44 AR-1268-4

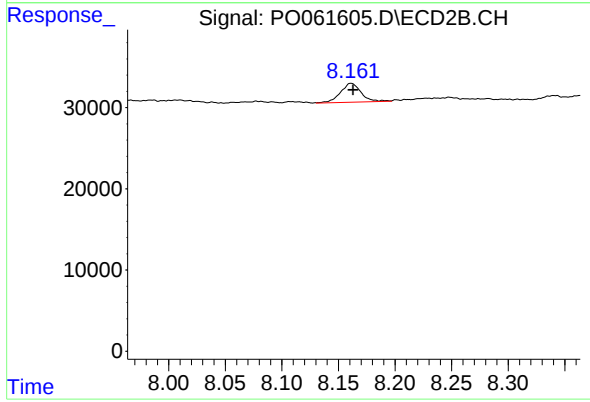
R.T.: 7.890 min
Delta R.T.: -0.001 min
Response: 25337
Conc: 15.74 ng/ml



#45 AR-1268-5

R.T.: 9.708 min
Delta R.T.: 0.000 min
Response: 33075
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.161 min
Delta R.T.: -0.002 min
Response: 29377
Conc: 2.92 ng/ml