

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112018\
 Data File : PO051669.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Nov 2018 21:43
 Operator : SM/SJ
 Sample : J5993-06
 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: Nov 21 03:14:07 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 21 00:55:28 2018
 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	3.321	12196543	3405362	16.202	14.227
2)	SA Decachlor...	9.936	8.042	7620182	3549470	16.427	16.420
Target Compounds							
3)	L1 AR-1016-1	5.478	4.330	1700082	526617	75.231	71.011
4)	L1 AR-1016-2	5.499	4.344	3035691	789091	89.831	64.519 #
5)	L1 AR-1016-3	5.564	4.506	1829185	460272	91.648	75.387
6)	L1 AR-1016-4	5.662	4.552	1545206	1396839	93.044	263.244 #
7)	L1 AR-1016-5	5.951	4.750	2454001	1016603	154.211	155.773
8)	L2 AR-1221-1	4.494	3.593	3679091	239274	517.463	106.392 #
9)	L2 AR-1221-2	4.616	3.593	669856	239274	127.845	137.998
10)	L2 AR-1221-3	4.690	3.632	2374676	425485	144.054	77.426 #
11)	L3 AR-1232-1	4.690	3.632	2374676	425485	178.817	91.890 #
12)	L3 AR-1232-2	5.211	4.344	2840085	789091	390.997	147.338 #
13)	L3 AR-1232-3	5.499	4.506	3035691	460272	212.034	176.087
14)	L3 AR-1232-4	5.662	4.589	1545206	941427	217.034	427.135 #
15)	L3 AR-1232-5	5.748	4.750	2808208	1016603	568.136	401.609 #
16)	L4 AR-1242-1	5.478	4.330	1700082	526617	94.683	88.746
17)	L4 AR-1242-2	5.499	4.344	3035691	789091	111.622	79.056 #
18)	L4 AR-1242-3	5.564	4.506	1829185	460272	114.538	92.795
19)	L4 AR-1242-4	5.662	4.589	1545206	941427	117.017	198.673 #
20)	L4 AR-1242-5	6.393	5.082	4435801	3285128	331.877	544.995 #
21)	L5 AR-1248-1	5.478	4.330	1700082	526617	110.430	97.758
22)	L5 AR-1248-2	5.748	4.552	2808208	1396839	132.095	177.029 #
23)	L5 AR-1248-3	5.951	4.589	2454001	941427	103.429	120.085
24)	L5 AR-1248-4	6.355	4.750	3645668	1016603	137.936	104.786
25)	L5 AR-1248-5	6.393	5.120	4435801	788105	176.886	83.474 #
26)	L6 AR-1254-1	6.325	5.082	6553979	3285128	265.368	238.952
27)	L6 AR-1254-2	6.543	5.223	11748831	2781767	301.672	233.084
28)	L6 AR-1254-3	6.916	5.603	12698659	2719767	315.007	144.754 #
29)	L6 AR-1254-4	7.192	5.824	5298837	1947486	169.885	170.746
30)	L6 AR-1254-5	7.609	6.224	4932982	2393980	160.206	151.690
31)	L7 AR-1260-1	7.067	5.729	2423984	1848400	80.507	136.251 #
32)	L7 AR-1260-2	7.322	5.912	53785521	1714661	1274.049	98.809 #
33)	L7 AR-1260-3	7.680	6.054	1035031	1105821	35.626	72.191 #
34)	L7 AR-1260-4	7.899	6.509	1741256	116157	63.315	11.430 #
35)	L7 AR-1260-5	8.217	6.749	1135400	476492	19.709	18.460
36)	L8 AR-1262-1	7.680	6.261	1035031	235154	22.098	12.587 #
37)	L8 AR-1262-2	8.217	6.749	1135400	476492	16.242	15.795
38)	L8 AR-1262-3	8.533	7.022	967135	543416	21.923	43.540 #
39)	L8 AR-1262-4	0.000	7.082	0	535277	N.D.	24.525 #
41)	L9 AR-1268-1	8.533	7.022	967135	543416	10.429	13.763 #
42)	L9 AR-1268-2	0.000	7.082	0	535277	N.D.	14.505 #

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:14:07 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112018.M
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QLast Update : Wed Nov 21 00:55:28 2018
Response via : Initial Calibration
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	8.819	7.279	749506	385340	10.708	11.686
45)	L9 AR-1268-5	9.620	7.831	1214035	498975	6.423	5.815

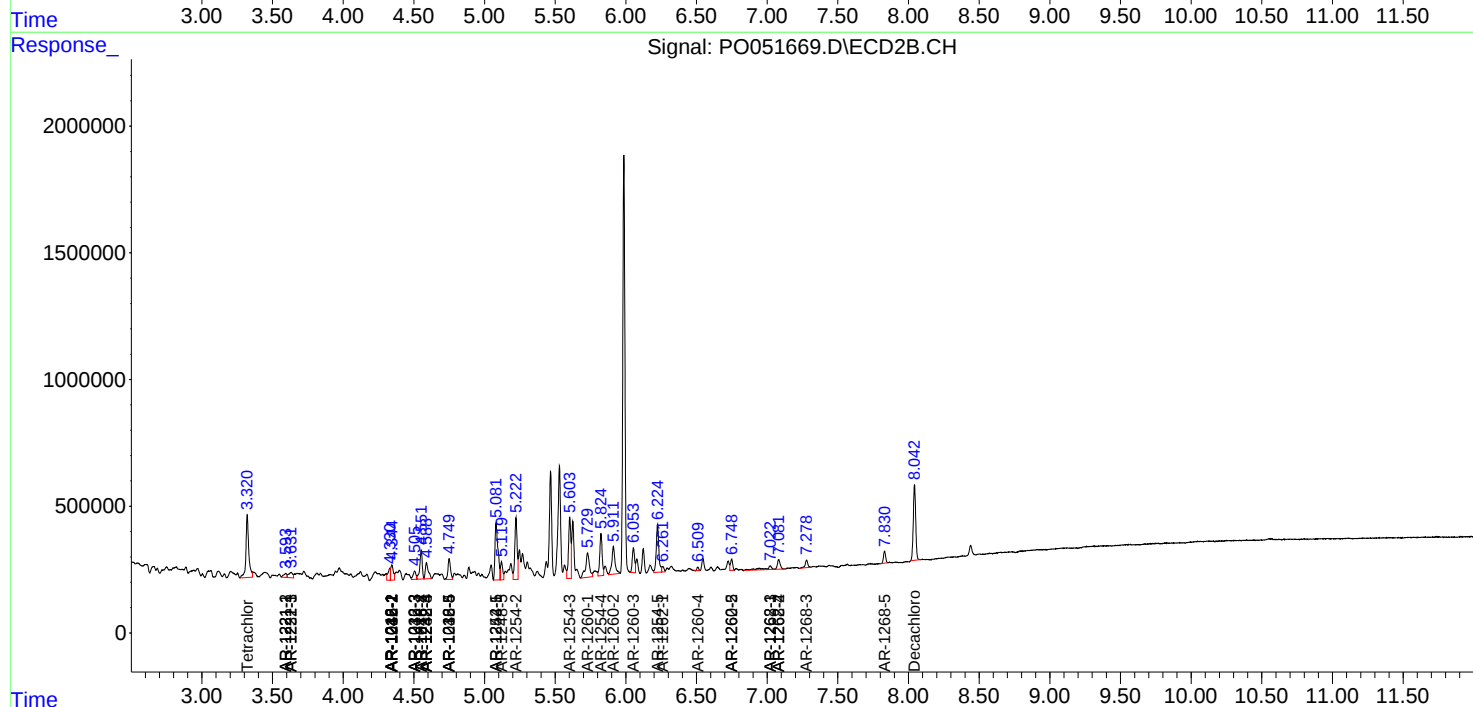
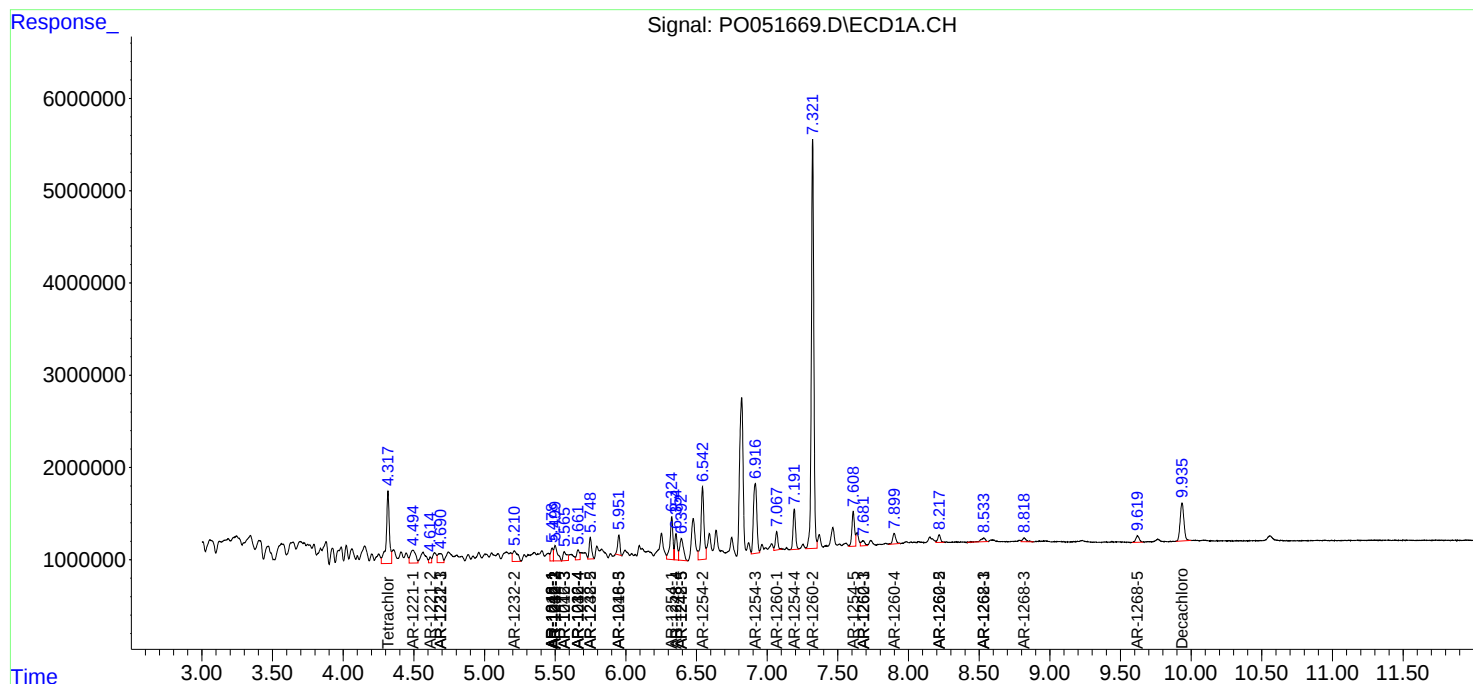
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

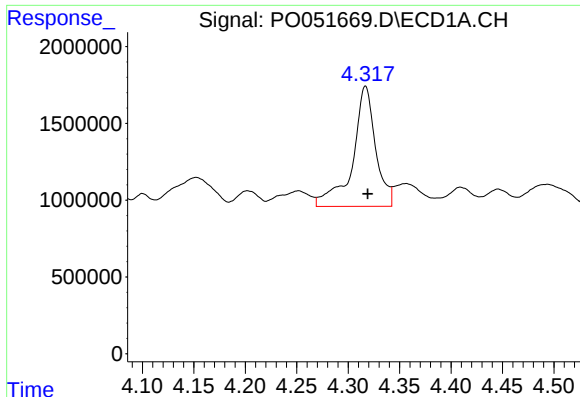
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

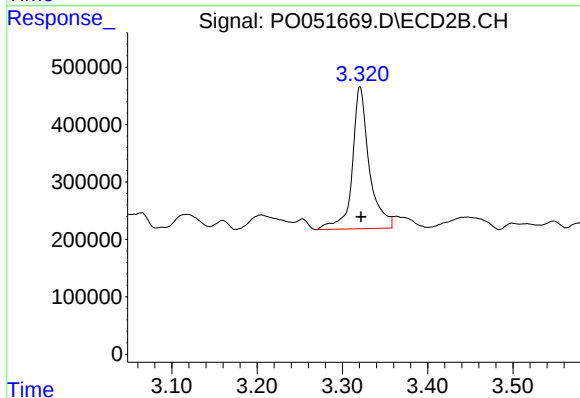




#1 Tetrachloro-m-xylene

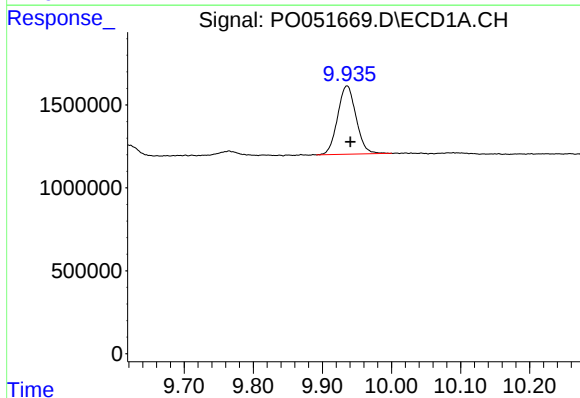
R.T.: 4.317 min
Delta R.T.: -0.002 min
Response: 12196543
Conc: 16.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



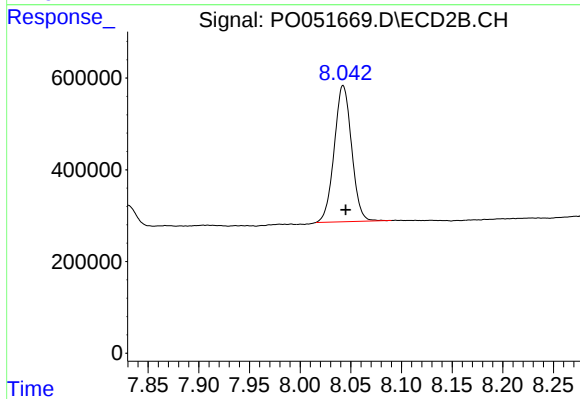
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.001 min
Response: 3405362
Conc: 14.23 ng/ml



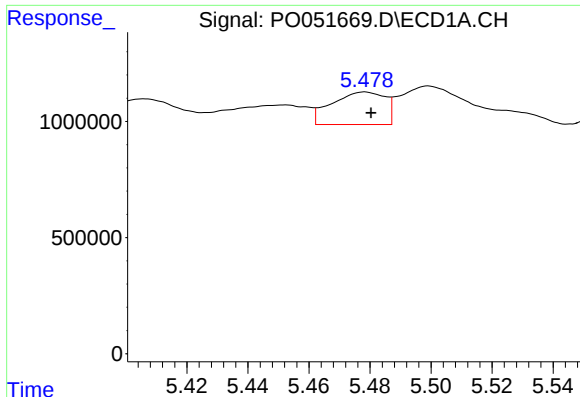
#2 Decachlorobiphenyl

R.T.: 9.936 min
Delta R.T.: -0.005 min
Response: 7620182
Conc: 16.43 ng/ml



#2 Decachlorobiphenyl

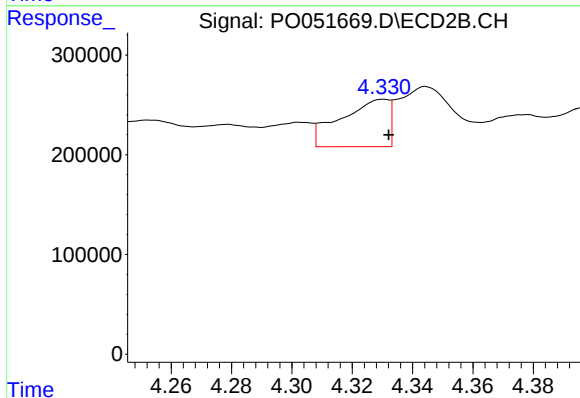
R.T.: 8.042 min
Delta R.T.: -0.002 min
Response: 3549470
Conc: 16.42 ng/ml



#3 AR-1016-1

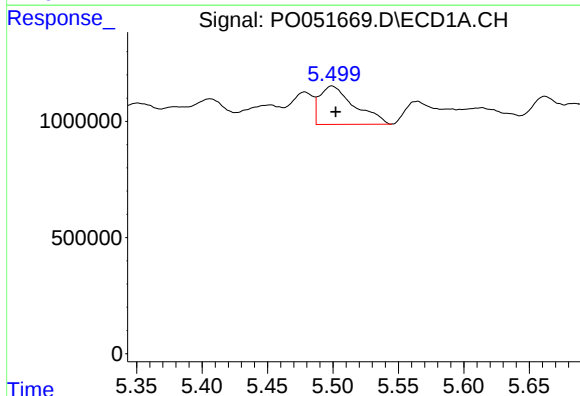
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 1700082
Conc: 75.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



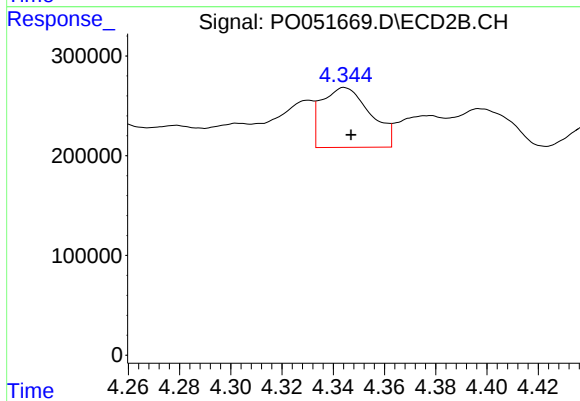
#3 AR-1016-1

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 526617
Conc: 71.01 ng/ml



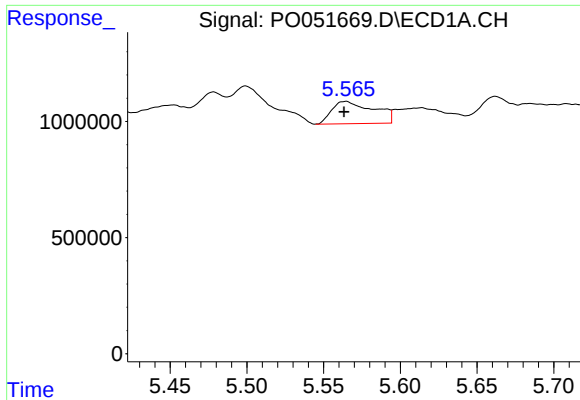
#4 AR-1016-2

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 3035691
Conc: 89.83 ng/ml



#4 AR-1016-2

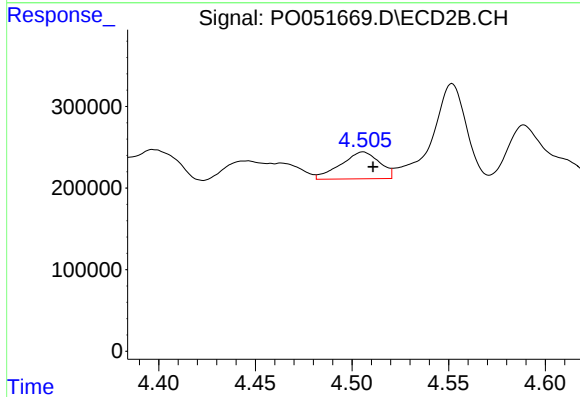
R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 789091
Conc: 64.52 ng/ml



#5 AR-1016-3

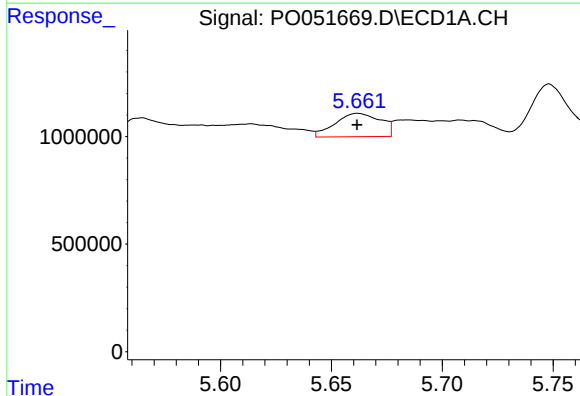
R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 1829185
Conc: 91.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



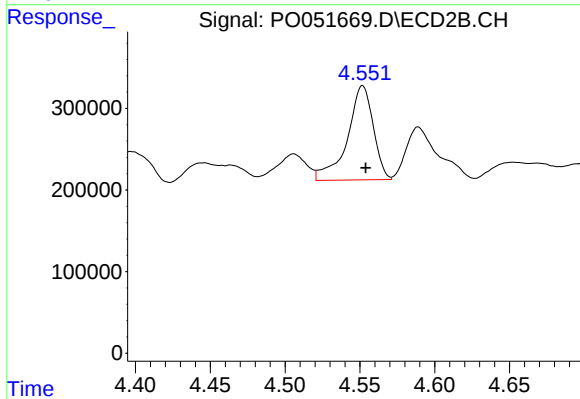
#5 AR-1016-3

R.T.: 4.506 min
Delta R.T.: -0.005 min
Response: 460272
Conc: 75.39 ng/ml



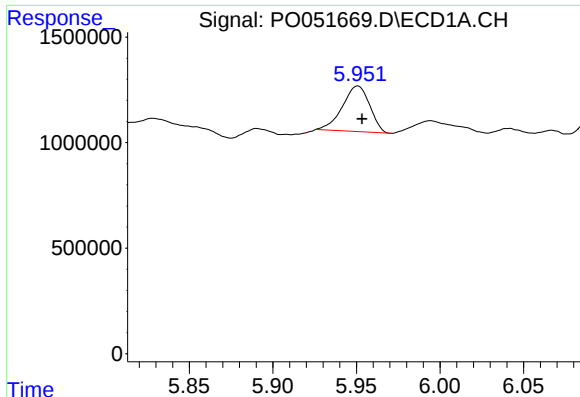
#6 AR-1016-4

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 1545206
Conc: 93.04 ng/ml



#6 AR-1016-4

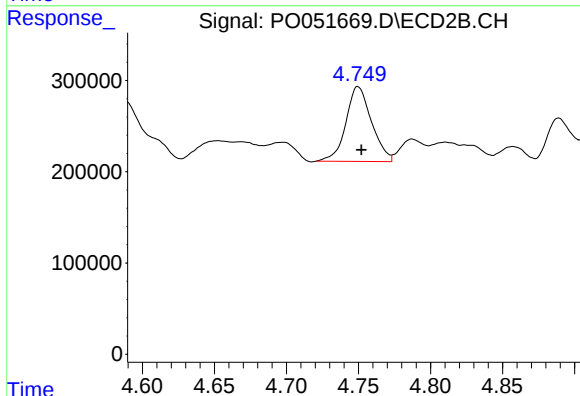
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 1396839
Conc: 263.24 ng/ml



#7 AR-1016-5

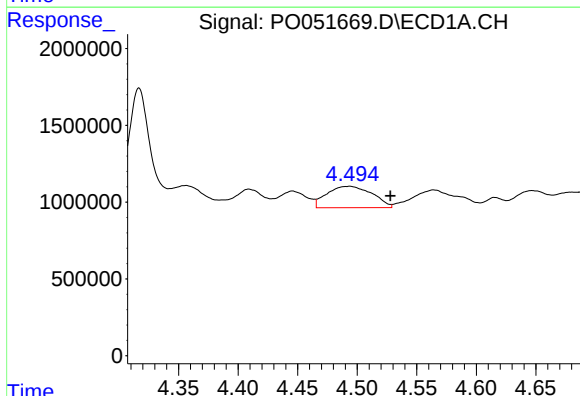
R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 2454001
Conc: 154.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



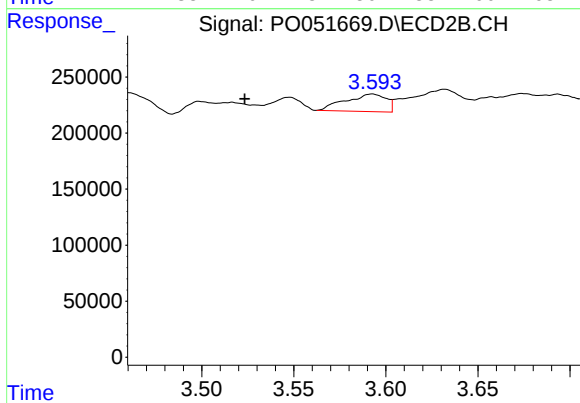
#7 AR-1016-5

R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 1016603
Conc: 155.77 ng/ml



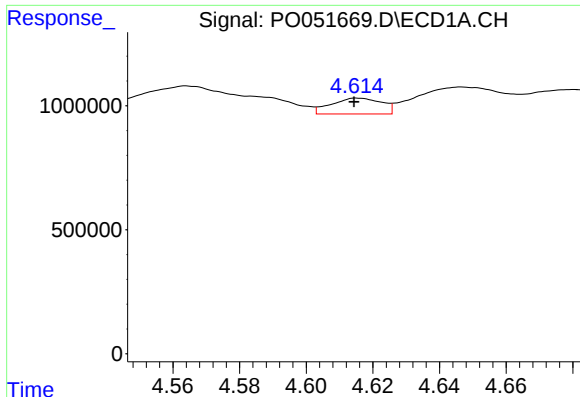
#8 AR-1221-1

R.T.: 4.494 min
Delta R.T.: -0.034 min
Response: 3679091
Conc: 517.46 ng/ml



#8 AR-1221-1

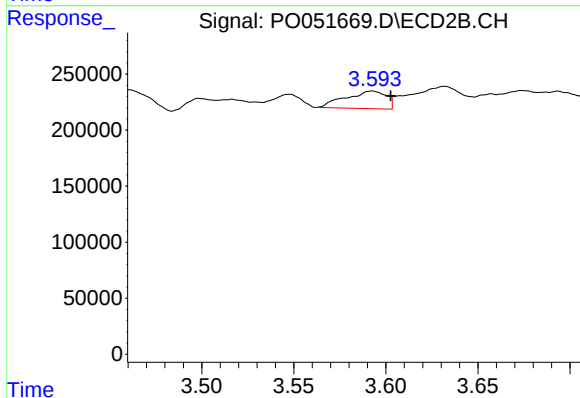
R.T.: 3.593 min
Delta R.T.: 0.069 min
Response: 239274
Conc: 106.39 ng/ml



#9 AR-1221-2

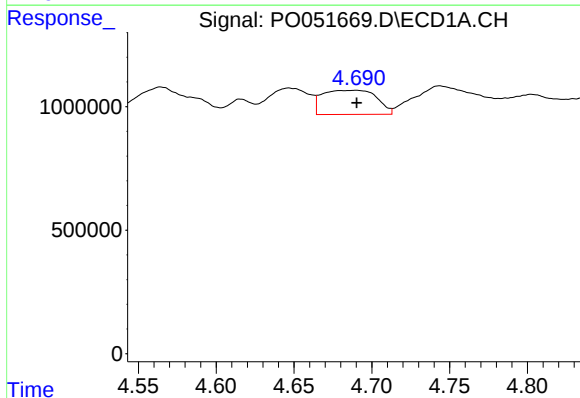
R.T.: 4.616 min
Delta R.T.: 0.001 min
Response: 669856
Conc: 127.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



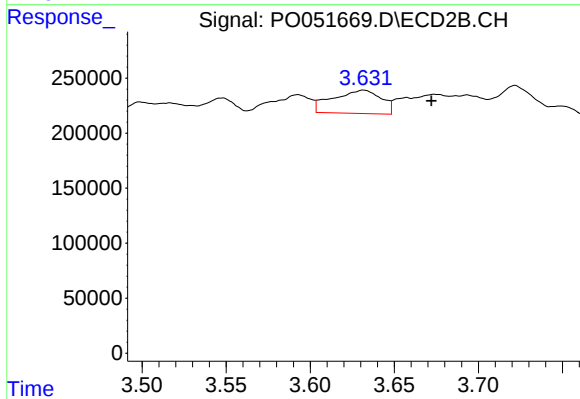
#9 AR-1221-2

R.T.: 3.593 min
Delta R.T.: -0.010 min
Response: 239274
Conc: 138.00 ng/ml



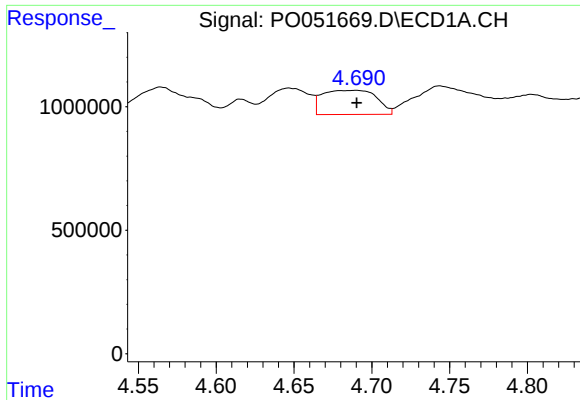
#10 AR-1221-3

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 2374676
Conc: 144.05 ng/ml



#10 AR-1221-3

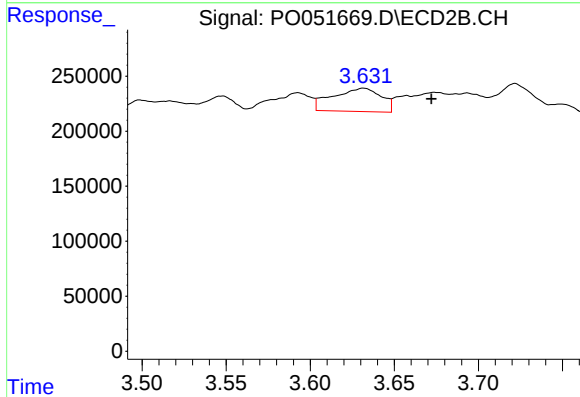
R.T.: 3.632 min
Delta R.T.: -0.040 min
Response: 425485
Conc: 77.43 ng/ml



#11 AR-1232-1

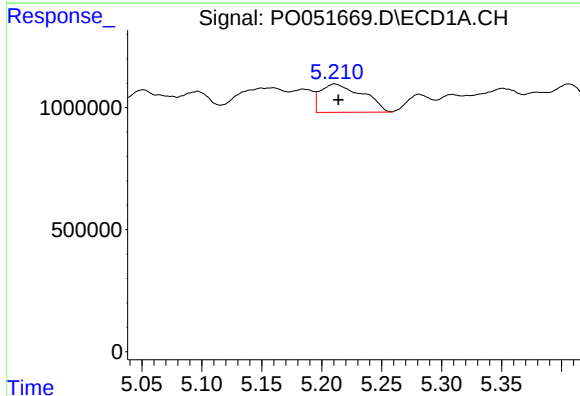
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 2374676
Conc: 178.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



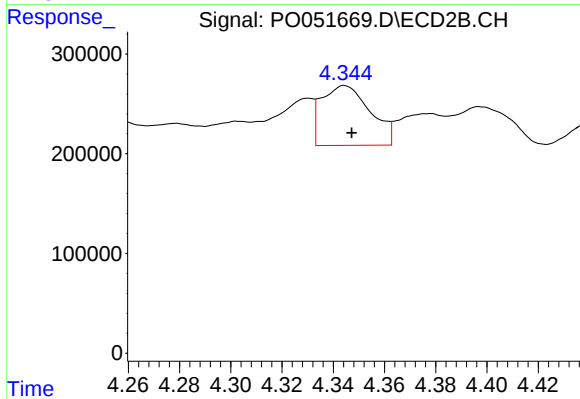
#11 AR-1232-1

R.T.: 3.632 min
Delta R.T.: -0.040 min
Response: 425485
Conc: 91.89 ng/ml



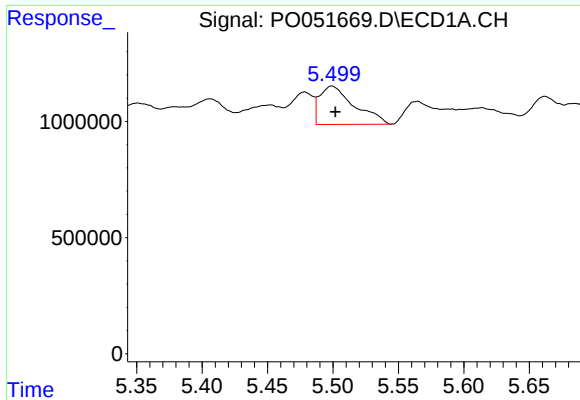
#12 AR-1232-2

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 2840085
Conc: 391.00 ng/ml



#12 AR-1232-2

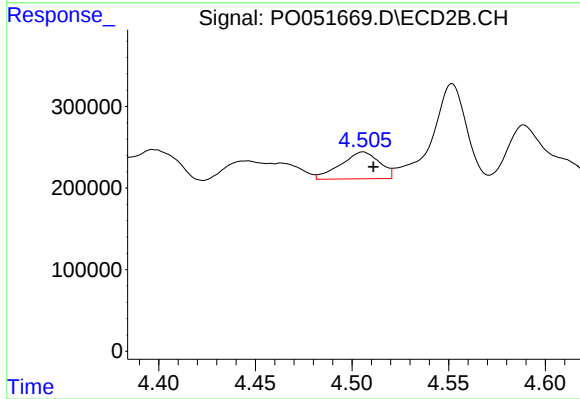
R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 789091
Conc: 147.34 ng/ml



#13 AR-1232-3

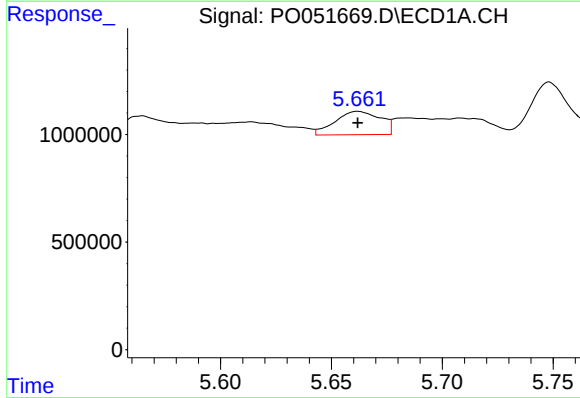
R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 3035691
Conc: 212.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



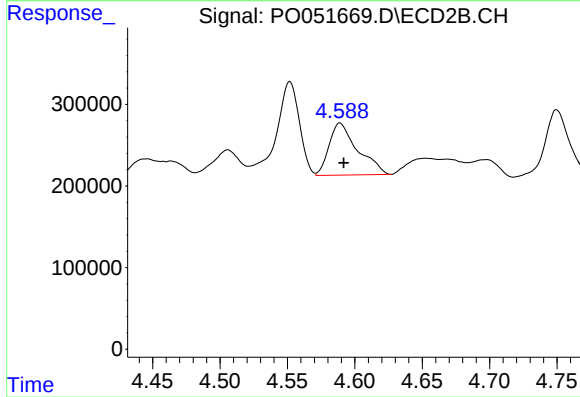
#13 AR-1232-3

R.T.: 4.506 min
Delta R.T.: -0.005 min
Response: 460272
Conc: 176.09 ng/ml



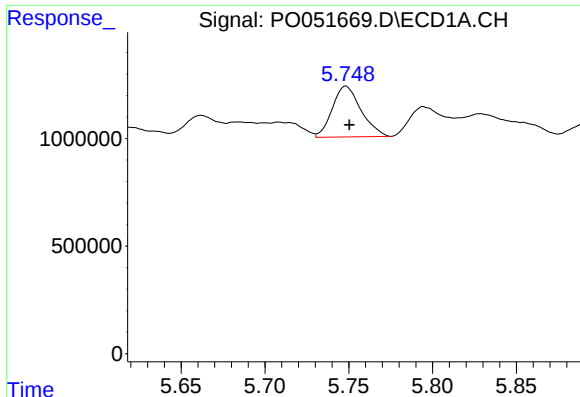
#14 AR-1232-4

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 1545206
Conc: 217.03 ng/ml



#14 AR-1232-4

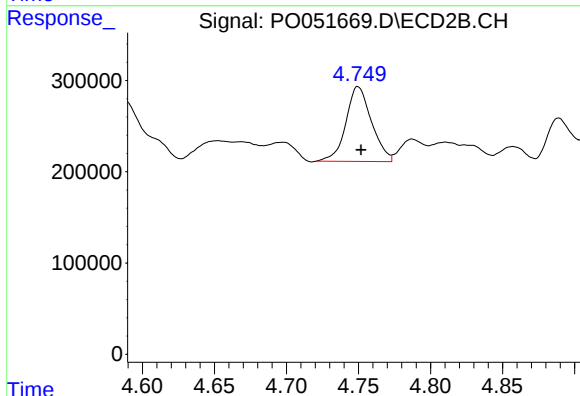
R.T.: 4.589 min
Delta R.T.: -0.003 min
Response: 941427
Conc: 427.14 ng/ml



#15 AR-1232-5

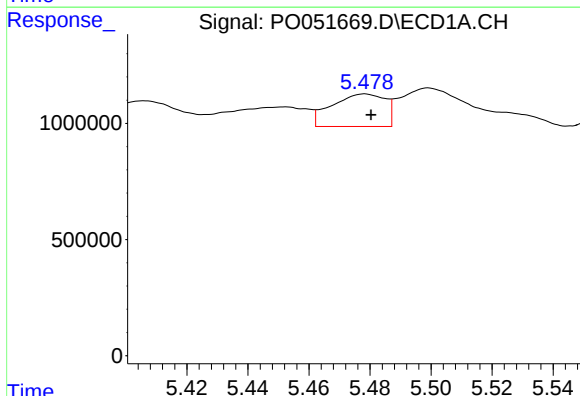
R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 2808208
Conc: 568.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



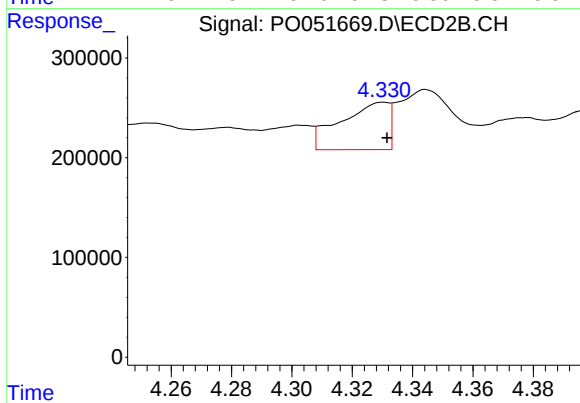
#15 AR-1232-5

R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 1016603
Conc: 401.61 ng/ml



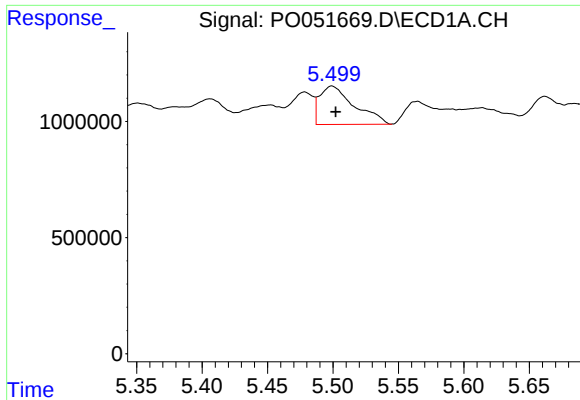
#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 1700082
Conc: 94.68 ng/ml



#16 AR-1242-1

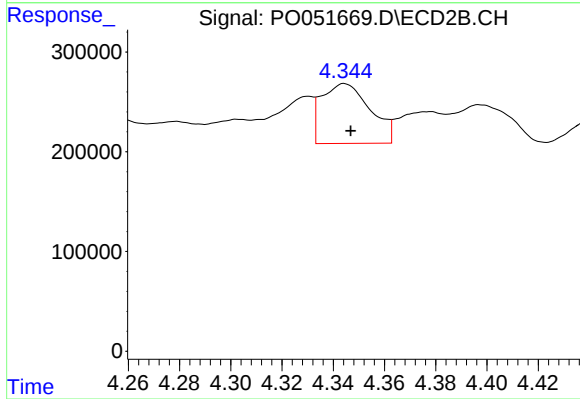
R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 526617
Conc: 88.75 ng/ml



#17 AR-1242-2

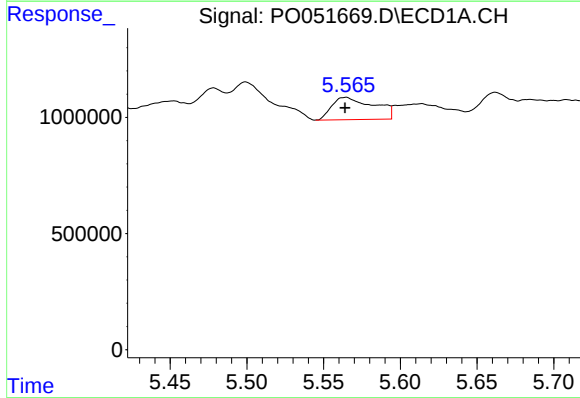
R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 3035691
Conc: 111.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



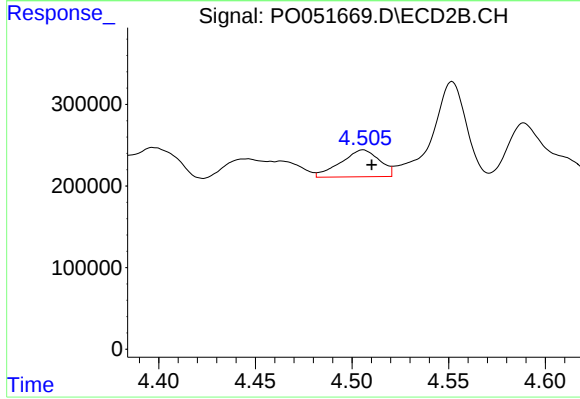
#17 AR-1242-2

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 789091
Conc: 79.06 ng/ml



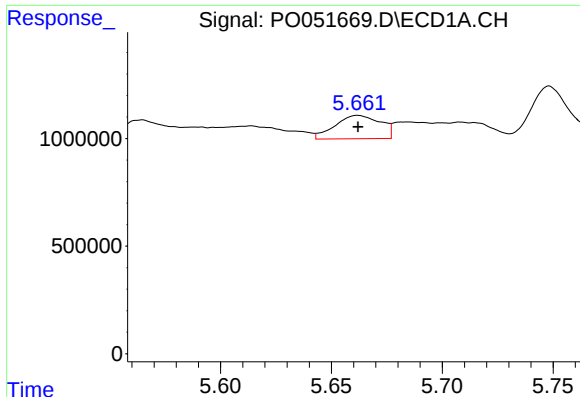
#18 AR-1242-3

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 1829185
Conc: 114.54 ng/ml



#18 AR-1242-3

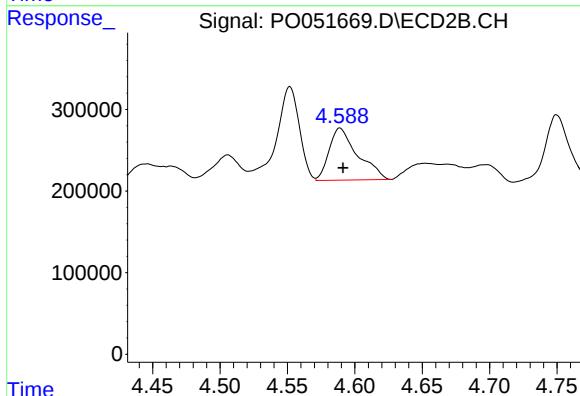
R.T.: 4.506 min
Delta R.T.: -0.005 min
Response: 460272
Conc: 92.79 ng/ml



#19 AR-1242-4

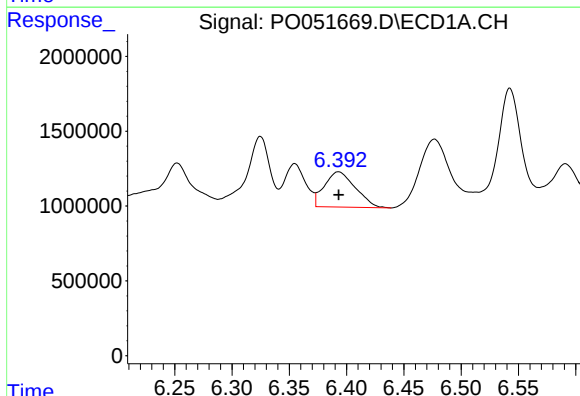
R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 1545206
Conc: 117.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



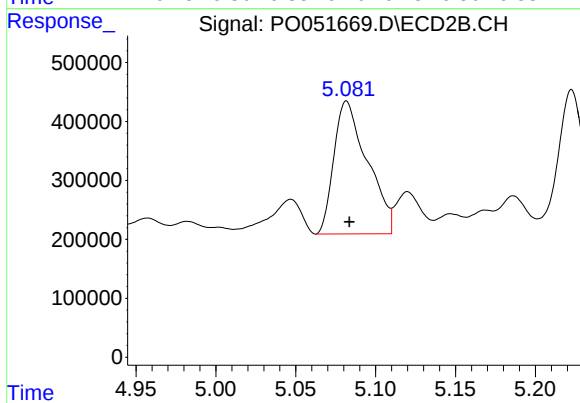
#19 AR-1242-4

R.T.: 4.589 min
Delta R.T.: -0.002 min
Response: 941427
Conc: 198.67 ng/ml



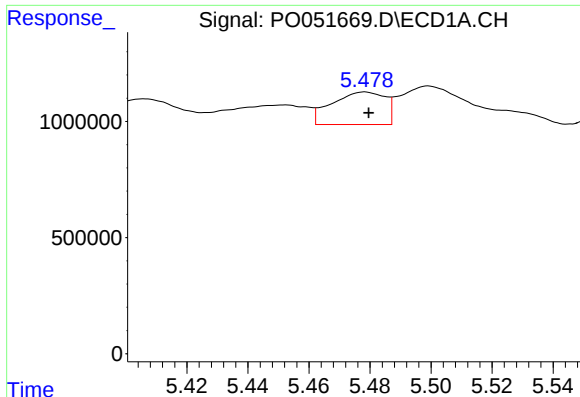
#20 AR-1242-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 4435801
Conc: 331.88 ng/ml



#20 AR-1242-5

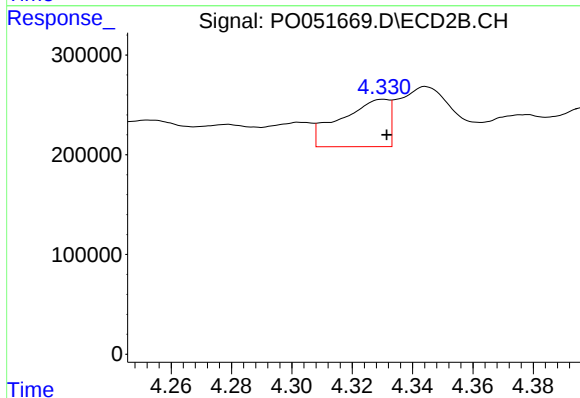
R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 3285128
Conc: 544.99 ng/ml



#21 AR-1248-1

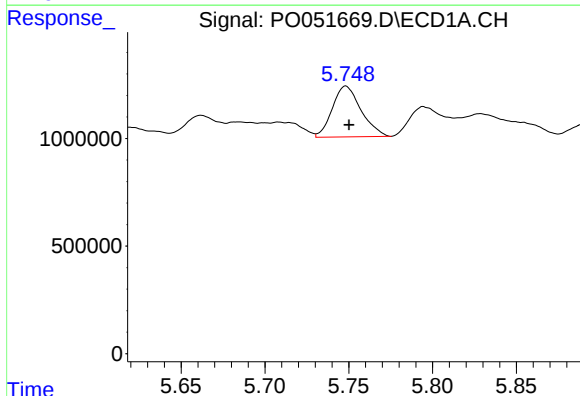
R.T.: 5.478 min
Delta R.T.: -0.001 min
Response: 1700082
Conc: 110.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



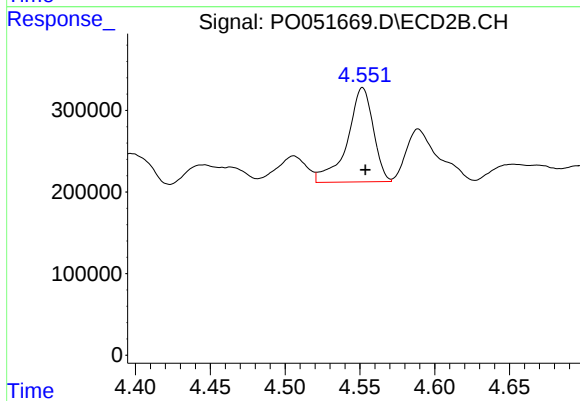
#21 AR-1248-1

R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 526617
Conc: 97.76 ng/ml



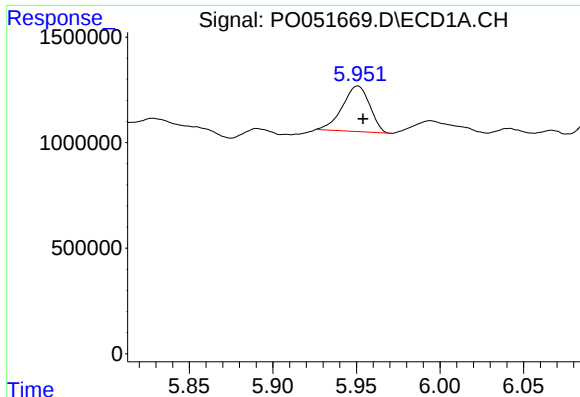
#22 AR-1248-2

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 2808208
Conc: 132.09 ng/ml



#22 AR-1248-2

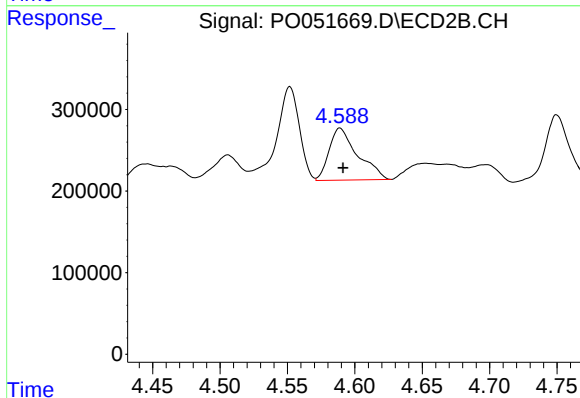
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 1396839
Conc: 177.03 ng/ml



#23 AR-1248-3

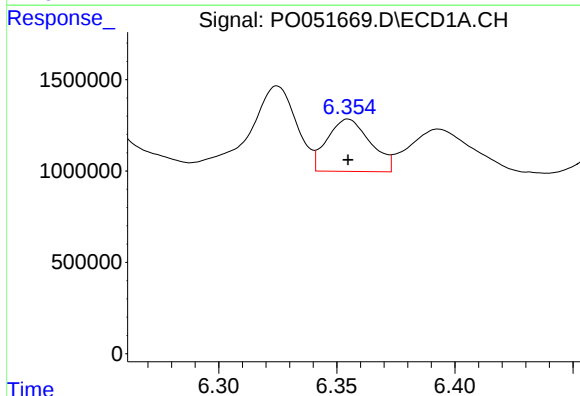
R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 2454001
Conc: 103.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



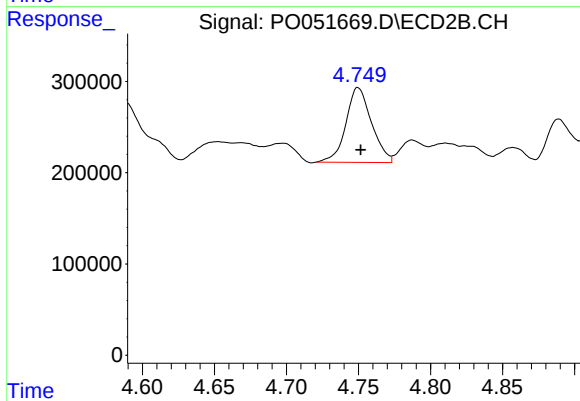
#23 AR-1248-3

R.T.: 4.589 min
Delta R.T.: -0.002 min
Response: 941427
Conc: 120.09 ng/ml



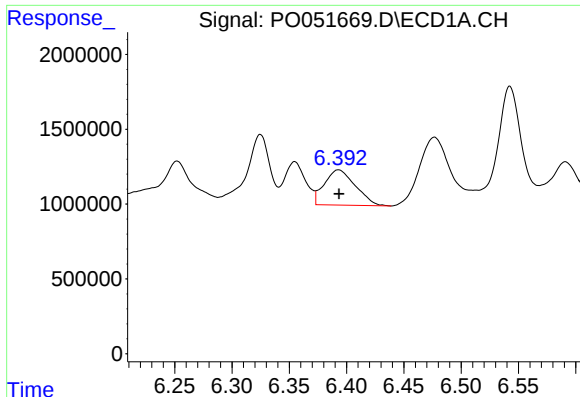
#24 AR-1248-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 3645668
Conc: 137.94 ng/ml



#24 AR-1248-4

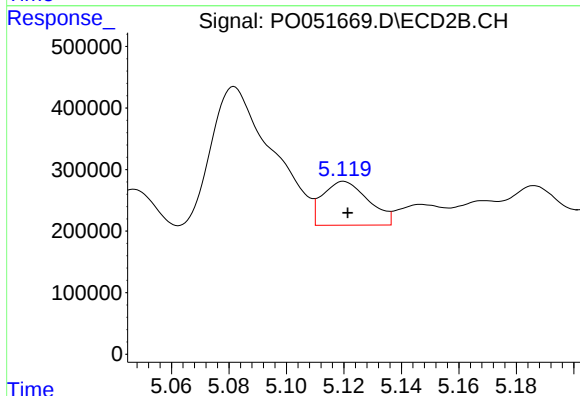
R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 1016603
Conc: 104.79 ng/ml



#25 AR-1248-5

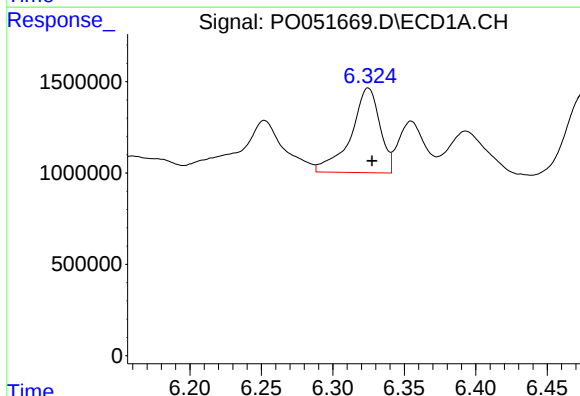
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 4435801
Conc: 176.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



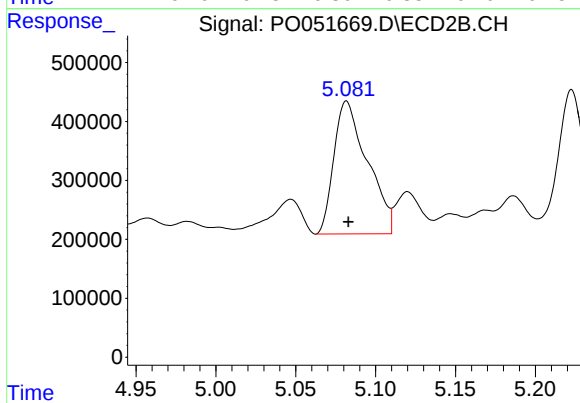
#25 AR-1248-5

R.T.: 5.120 min
Delta R.T.: -0.001 min
Response: 788105
Conc: 83.47 ng/ml



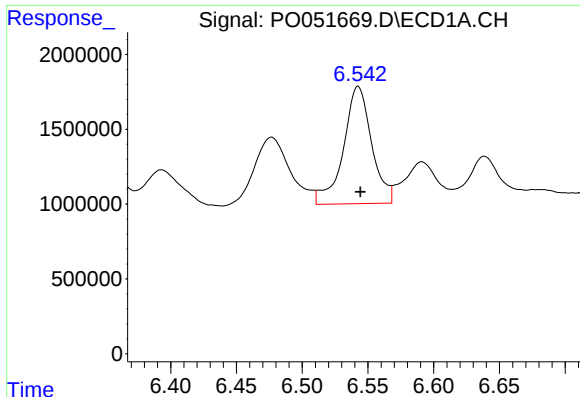
#26 AR-1254-1

R.T.: 6.325 min
Delta R.T.: -0.003 min
Response: 6553979
Conc: 265.37 ng/ml



#26 AR-1254-1

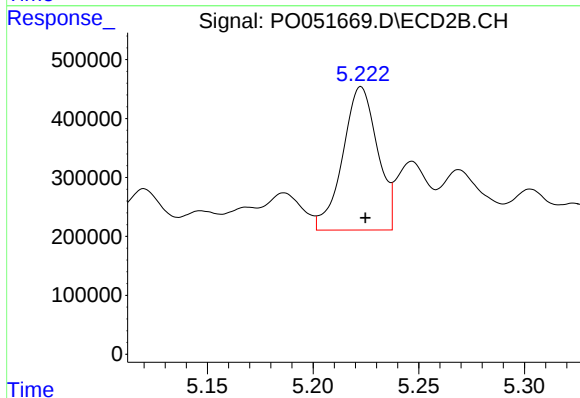
R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 3285128
Conc: 238.95 ng/ml



#27 AR-1254-2

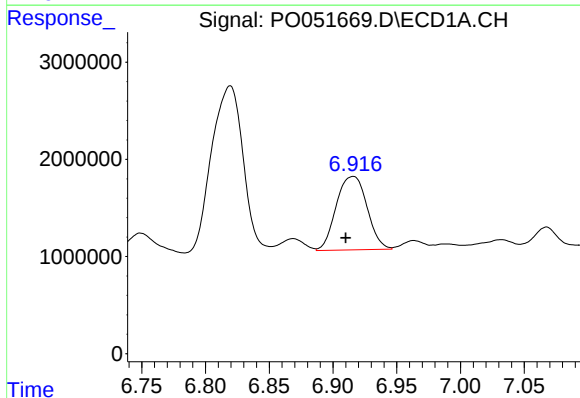
R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 11748831
Conc: 301.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



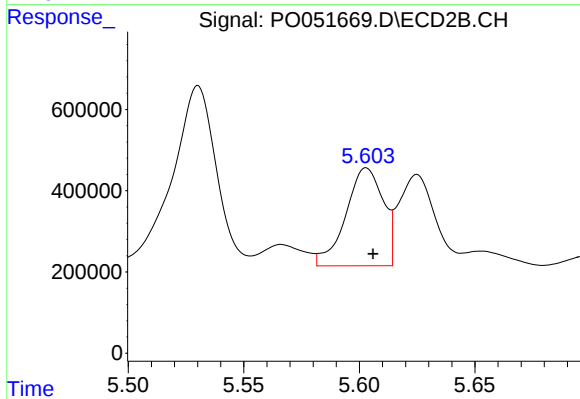
#27 AR-1254-2

R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 2781767
Conc: 233.08 ng/ml



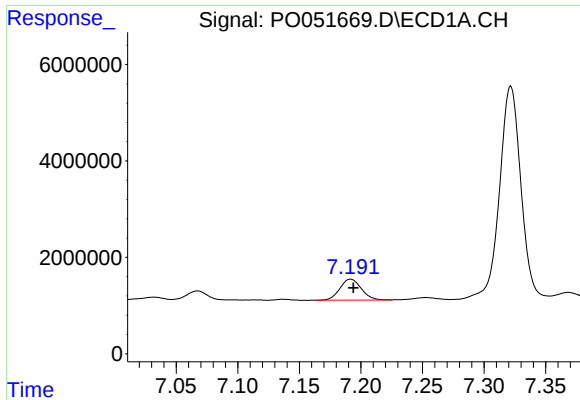
#28 AR-1254-3

R.T.: 6.916 min
Delta R.T.: 0.006 min
Response: 12698659
Conc: 315.01 ng/ml



#28 AR-1254-3

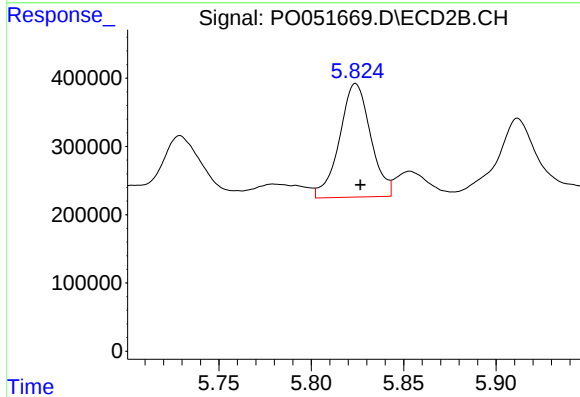
R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 2719767
Conc: 144.75 ng/ml



#29 AR-1254-4

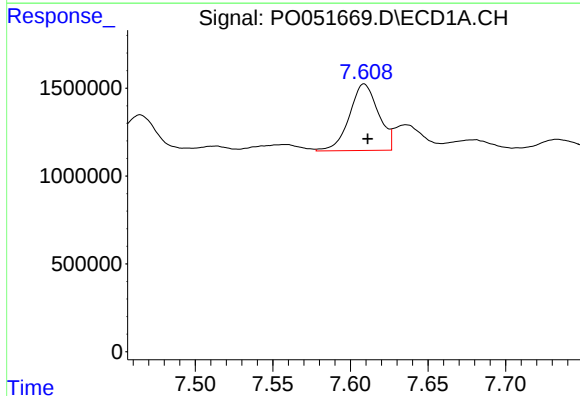
R.T.: 7.192 min
Delta R.T.: -0.002 min
Response: 5298837
Conc: 169.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



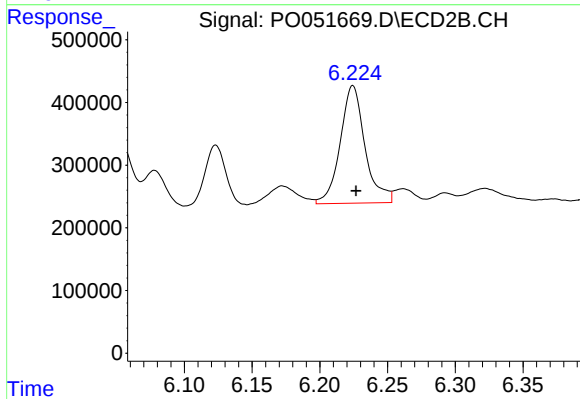
#29 AR-1254-4

R.T.: 5.824 min
Delta R.T.: -0.002 min
Response: 1947486
Conc: 170.75 ng/ml



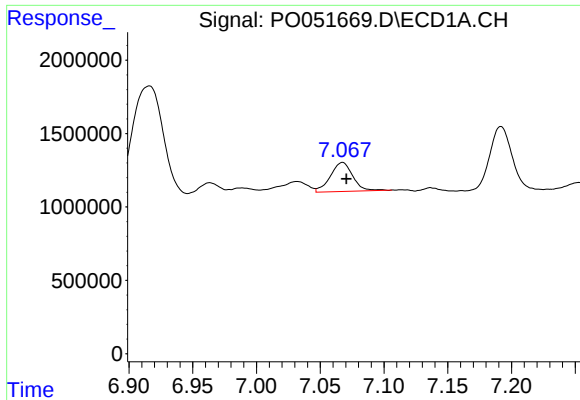
#30 AR-1254-5

R.T.: 7.609 min
Delta R.T.: -0.002 min
Response: 4932982
Conc: 160.21 ng/ml



#30 AR-1254-5

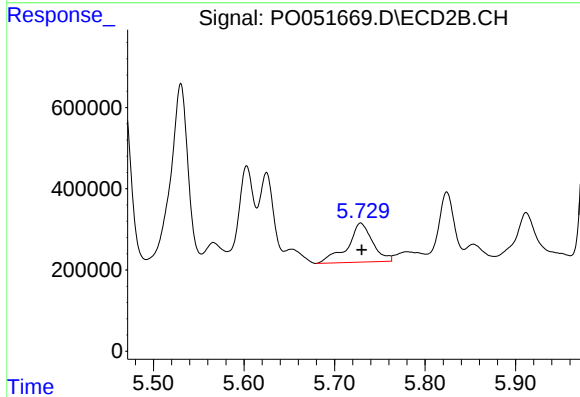
R.T.: 6.224 min
Delta R.T.: -0.002 min
Response: 2393980
Conc: 151.69 ng/ml



#31 AR-1260-1

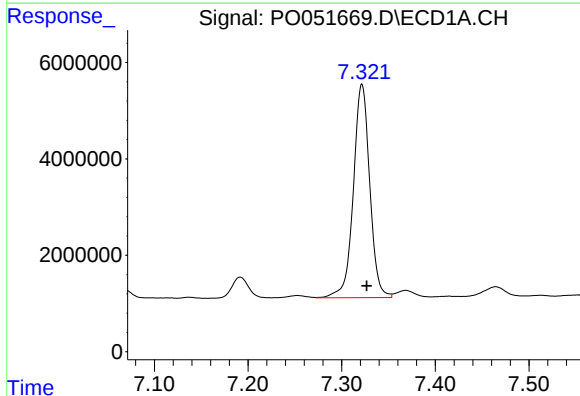
R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 2423984
Conc: 80.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



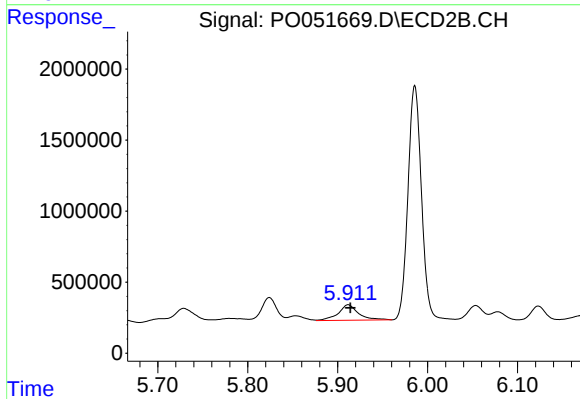
#31 AR-1260-1

R.T.: 5.729 min
Delta R.T.: -0.001 min
Response: 1848400
Conc: 136.25 ng/ml



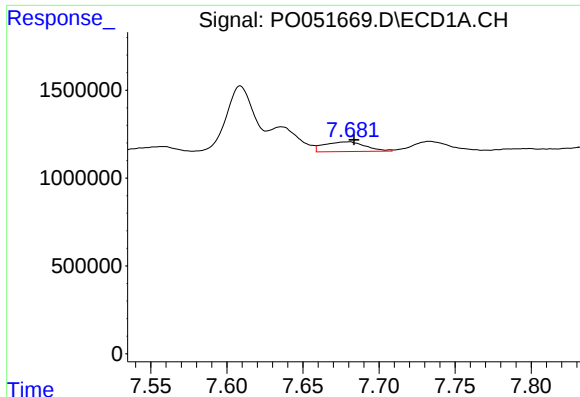
#32 AR-1260-2

R.T.: 7.322 min
Delta R.T.: -0.005 min
Response: 53785521
Conc: 1274.05 ng/ml



#32 AR-1260-2

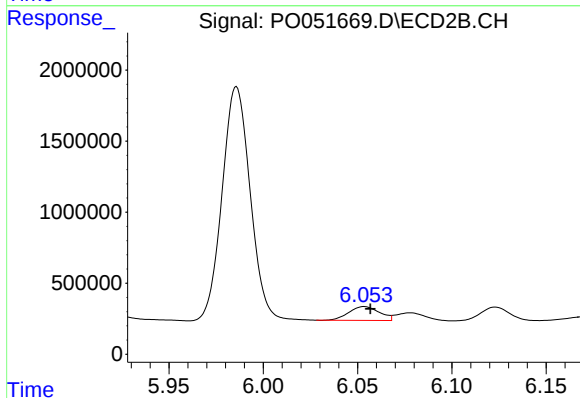
R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 1714661
Conc: 98.81 ng/ml



#33 AR-1260-3

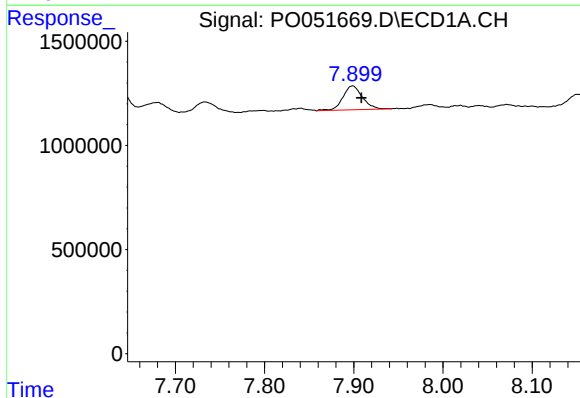
R.T.: 7.680 min
Delta R.T.: -0.003 min
Response: 1035031
Conc: 35.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



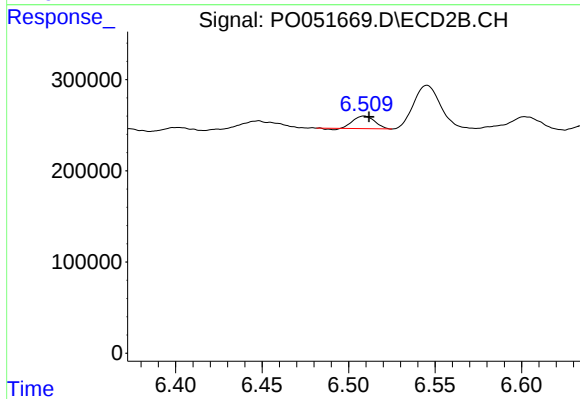
#33 AR-1260-3

R.T.: 6.054 min
Delta R.T.: -0.003 min
Response: 1105821
Conc: 72.19 ng/ml



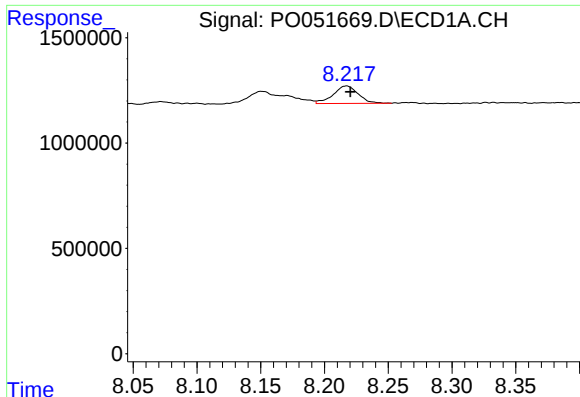
#34 AR-1260-4

R.T.: 7.899 min
Delta R.T.: -0.010 min
Response: 1741256
Conc: 63.31 ng/ml



#34 AR-1260-4

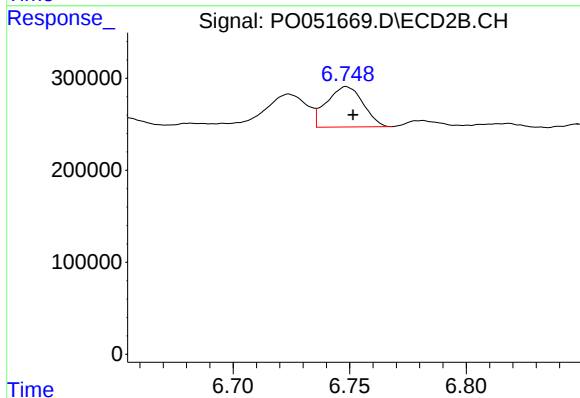
R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 116157
Conc: 11.43 ng/ml



#35 AR-1260-5

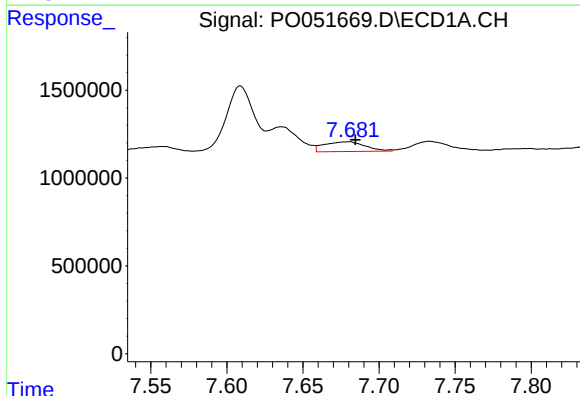
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 1135400
Conc: 19.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



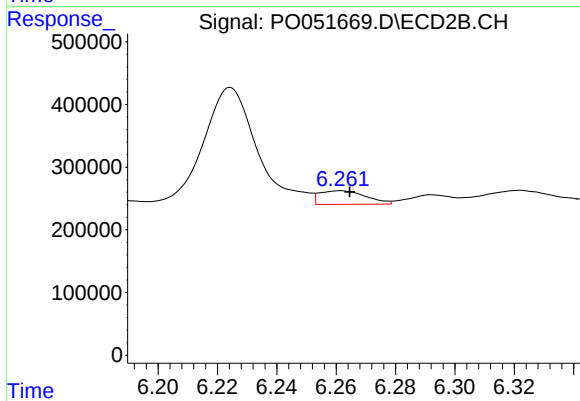
#35 AR-1260-5

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 476492
Conc: 18.46 ng/ml



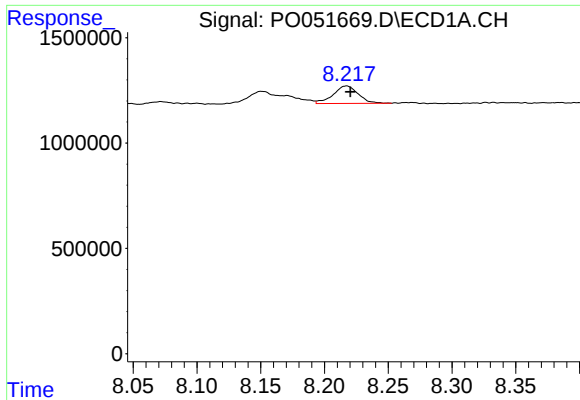
#36 AR-1262-1

R.T.: 7.680 min
Delta R.T.: -0.004 min
Response: 1035031
Conc: 22.10 ng/ml



#36 AR-1262-1

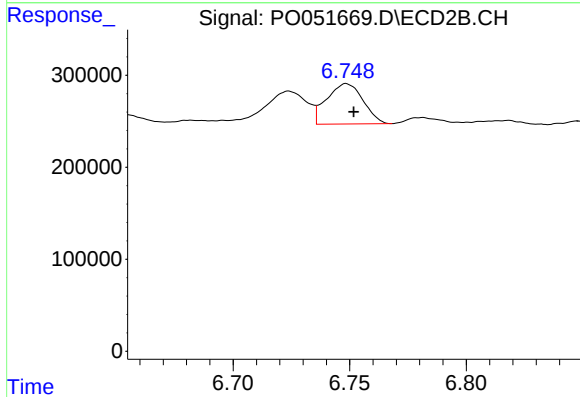
R.T.: 6.261 min
Delta R.T.: -0.003 min
Response: 235154
Conc: 12.59 ng/ml



#37 AR-1262-2

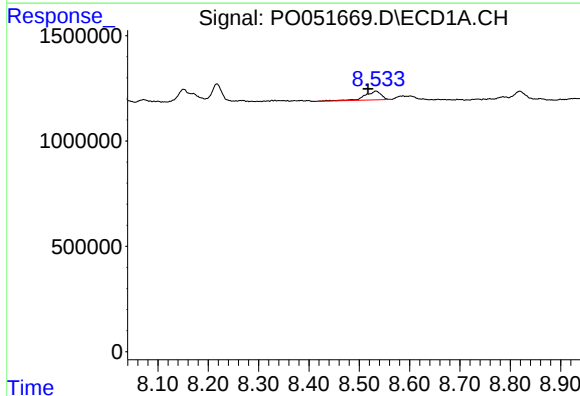
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 1135400
Conc: 16.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



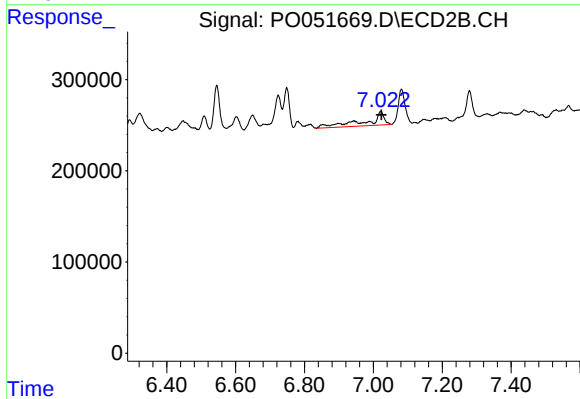
#37 AR-1262-2

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 476492
Conc: 15.79 ng/ml



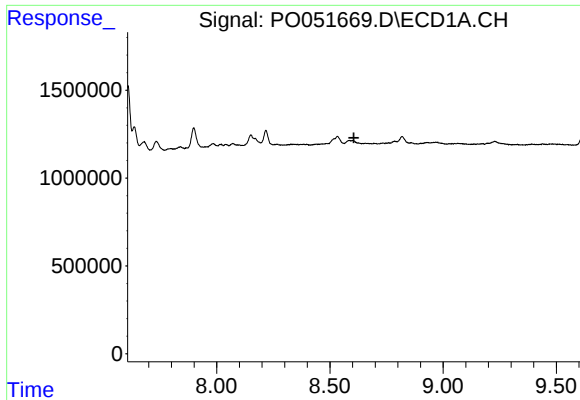
#38 AR-1262-3

R.T.: 8.533 min
Delta R.T.: 0.015 min
Response: 967135
Conc: 21.92 ng/ml



#38 AR-1262-3

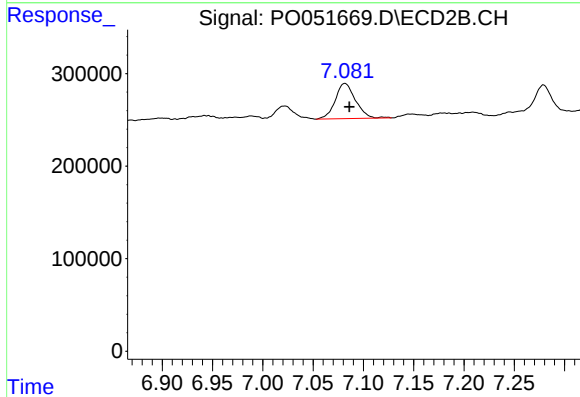
R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 543416
Conc: 43.54 ng/ml



#39 AR-1262-4

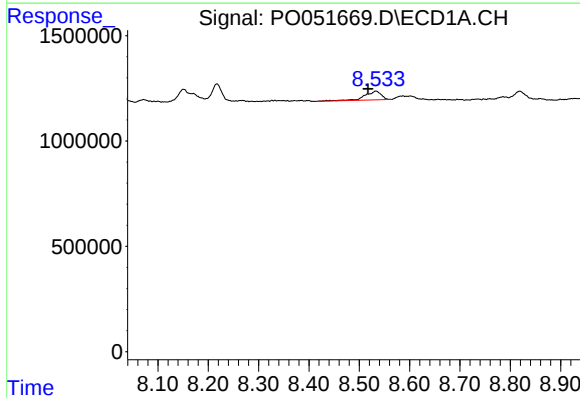
R.T.: 0.000 min
Exp R.T.: 8.606 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



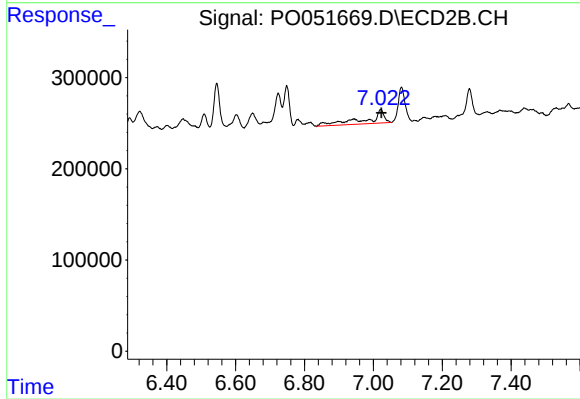
#39 AR-1262-4

R.T.: 7.082 min
Delta R.T.: -0.004 min
Response: 535277
Conc: 24.53 ng/ml



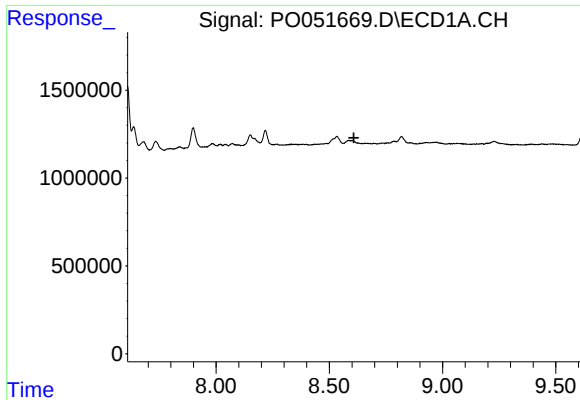
#41 AR-1268-1

R.T.: 8.533 min
Delta R.T.: 0.016 min
Response: 967135
Conc: 10.43 ng/ml



#41 AR-1268-1

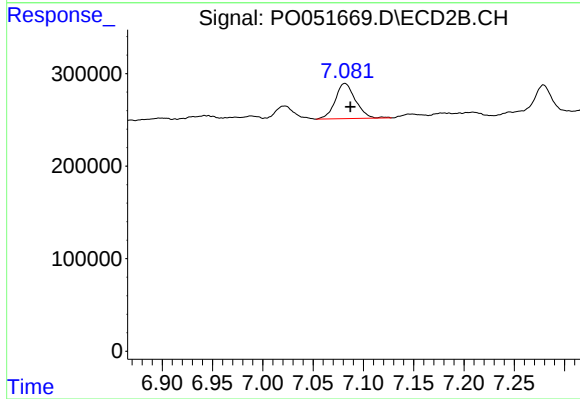
R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 543416
Conc: 13.76 ng/ml



#42 AR-1268-2

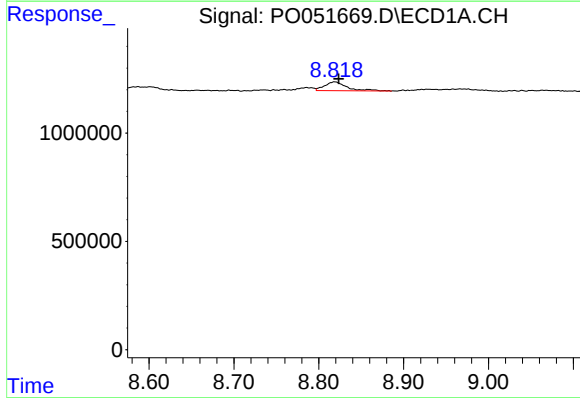
R.T.: 0.000 min
Exp R.T.: 8.608 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



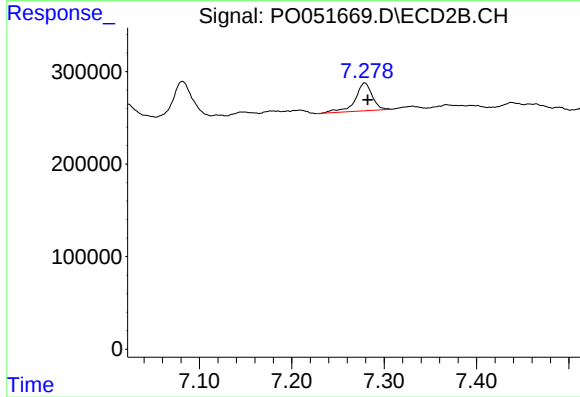
#42 AR-1268-2

R.T.: 7.082 min
Delta R.T.: -0.005 min
Response: 535277
Conc: 14.50 ng/ml



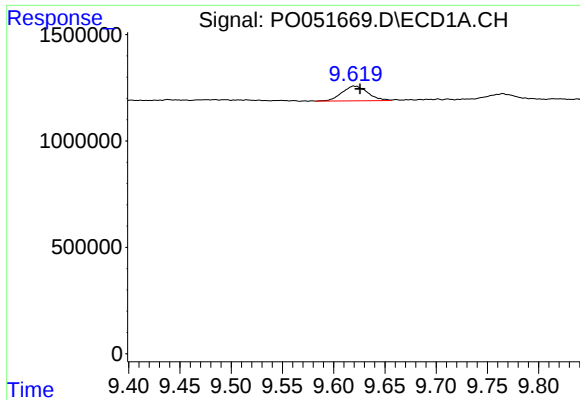
#43 AR-1268-3

R.T.: 8.819 min
Delta R.T.: -0.005 min
Response: 749506
Conc: 10.71 ng/ml



#43 AR-1268-3

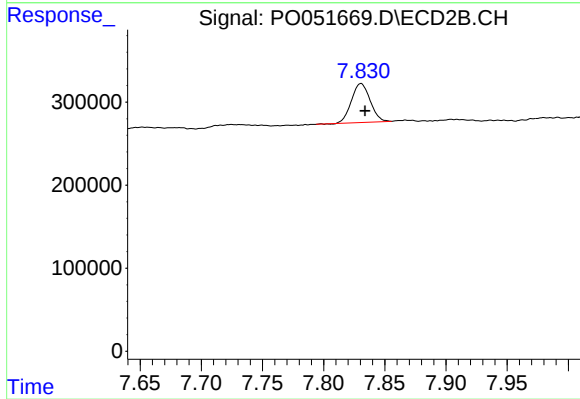
R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 385340
Conc: 11.69 ng/ml



#45 AR-1268-5

R.T.: 9.620 min
Delta R.T.: -0.006 min
Response: 1214035
Conc: 6.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.831 min
Delta R.T.: -0.003 min
Response: 498975
Conc: 5.81 ng/ml