

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090519\
 Data File : P0060400.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Sep 2019 18:11
 Operator : SM/AJ
 Sample : K4627-11DL 20X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 18:54:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 05 17:14:47 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...	4.136	3.484	19102	49866	0.546	1.385 #
2)	SA Decachlor...	9.627	8.356	144075	762912	2.708	18.921 #
Target Compounds							
3)	L1 AR-1016-1	5.329	4.548	855696	840933	533.518	622.019
4)	L1 AR-1016-2	5.329	4.604	855696	610466	357.659	304.774
5)	L1 AR-1016-3	5.428	4.760	573551	91144	385.057	84.248 #
6)	L1 AR-1016-4	5.514	4.800	487225	396031	402.749	438.576
7)	L1 AR-1016-5	5.754	5.006	242523	160813	188.861	139.603 #
8)	L2 AR-1221-1	4.362	3.773	94585	-48234	223.357	N.D. #
9)	L2 AR-1221-2	4.427	3.773	118862	-48234	365.962	N.D. #
10)	L2 AR-1221-3	4.474	3.845	254008	50669	241.484	51.785 #
11)	L3 AR-1232-1	4.474	3.845	254008	50669	203.788	44.441 #
12)	L3 AR-1232-2	4.986	4.548	579335	840933	820.128	660.293
13)	L3 AR-1232-3	5.270	4.760	1274159	91144	832.041	133.856 #
14)	L3 AR-1232-4	5.557	4.829	470389	129057	601.613	211.549 #
15)	L3 AR-1232-5	5.593	5.006	158830	160813	264.220	236.234
16)	L4 AR-1242-1	5.270	4.548	1274159	840933	1003.657	817.503
17)	L4 AR-1242-2	5.270	4.548	1274159	840933	686.637	552.124
18)	L4 AR-1242-3	5.329	4.760	855696	91144	732.090	109.089 #
19)	L4 AR-1242-4	5.557	4.829	470389	129057	486.001	154.673 #
20)	L4 AR-1242-5	6.235	5.311	190576	999060	151.660	893.132 #
21)	L5 AR-1248-1	5.270	4.548	1274159	840933	1270.915	1015.589
22)	L5 AR-1248-2	5.557	4.760	470389	91144	324.204	79.041 #
23)	L5 AR-1248-3	5.715	4.829	581474	129057	349.854	108.657 #
24)	L5 AR-1248-4	6.149	5.006	1274201	160813	623.355	110.670 #
25)	L5 AR-1248-5	6.149	5.311	1274201	999060	642.537	698.016
26)	L6 AR-1254-1	6.113	5.311	1128181	999060	540.726	421.224
27)	L6 AR-1254-2	6.344	5.454	849564	394540	254.646	188.028 #
28)	L6 AR-1254-3	6.716	5.899	1031220	496161	290.611	147.557 #
29)	L6 AR-1254-4	6.944	6.111	2016318	1054026	684.534	511.209 #
30)	L6 AR-1254-5	7.400	6.520	2985473	3652633	965.424	1176.381
31)	L7 AR-1260-1	6.868	5.999	1038414	459103	385.194	201.458 #
32)	L7 AR-1260-2	7.124	6.206	2358172	1917236	635.544	654.375
33)	L7 AR-1260-3	7.504	6.349	9002712	1190421	2747.802	449.362 #
34)	L7 AR-1260-4	7.720	6.802	21620021	2872638	7039.323	1269.630 #
35)	L7 AR-1260-5	8.031	7.054	12215050	2002601	1725.069	363.890 #
36)	L8 AR-1262-1	7.504	6.520	9002712	3652633	1855.120	979.901 #
37)	L8 AR-1262-2	8.031	7.039	12215050	3928870	1583.104	668.283 #
38)	L8 AR-1262-3	8.300	7.311	3692865	6692797	723.764	2633.956 #
39)	L8 AR-1262-4	8.332	7.378	17561435	1331396	4555.814	301.293 #
40)	L8 AR-1262-5	8.952	7.844	4803570	7698357	1871.598	4263.694 #
41)	L9 AR-1268-1	8.300	7.311	3692865	6692797	392.413	939.877 #

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 ALS Vial : 39 Sample Multiplier: 1

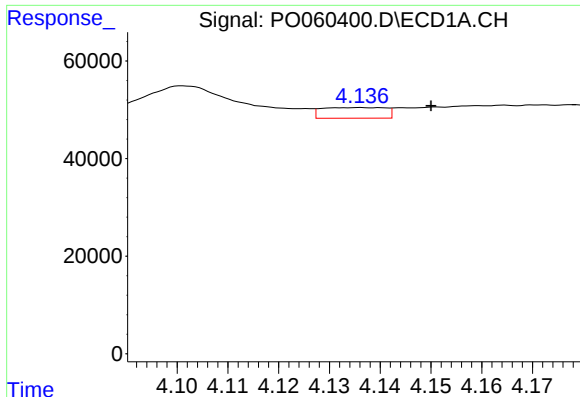
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 18:54:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.332	7.378	17561435	1331396	2227.848	206.482 #
43) L9	AR-1268-3	8.592	7.596	4526589	4235035	642.178	774.001
44) L9	AR-1268-4	8.952	7.844	4803570	7698357	1727.875	3771.311 #
45) L9	AR-1268-5	9.333	8.113	177543	324516	9.627	22.335 #

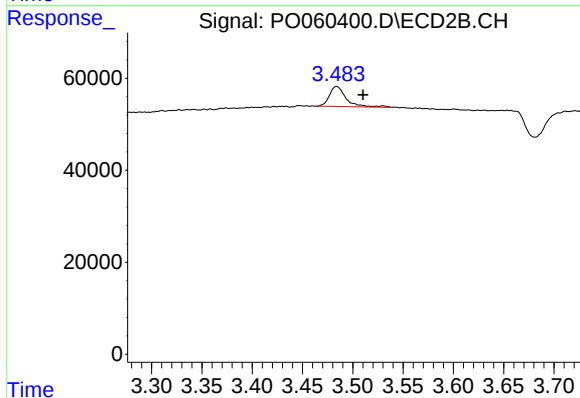
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

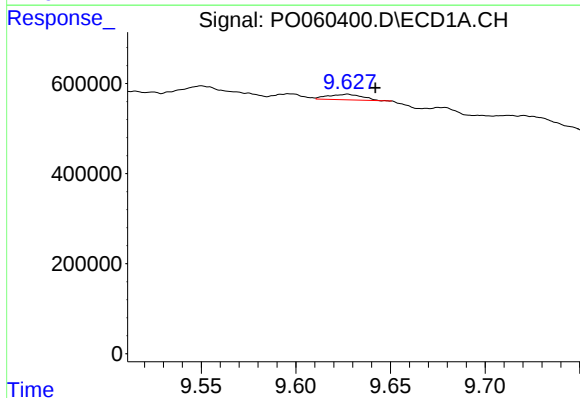
R.T.: 4.136 min
Delta R.T.: -0.014 min
Response: 19102
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



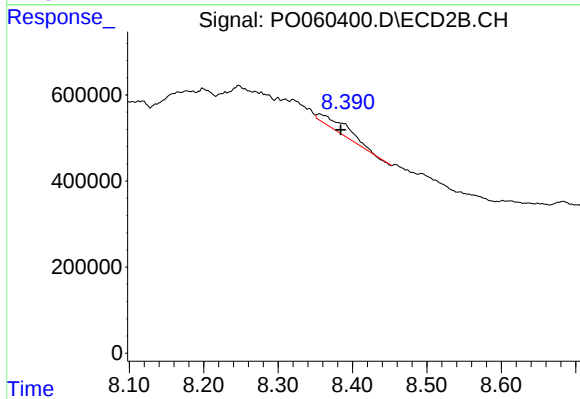
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: -0.026 min
Response: 49866
Conc: 1.39 ng/ml



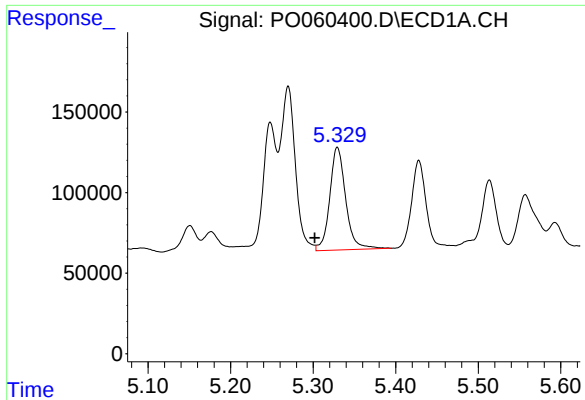
#2 Decachlorobiphenyl

R.T.: 9.627 min
Delta R.T.: -0.015 min
Response: 144075
Conc: 2.71 ng/ml



#2 Decachlorobiphenyl

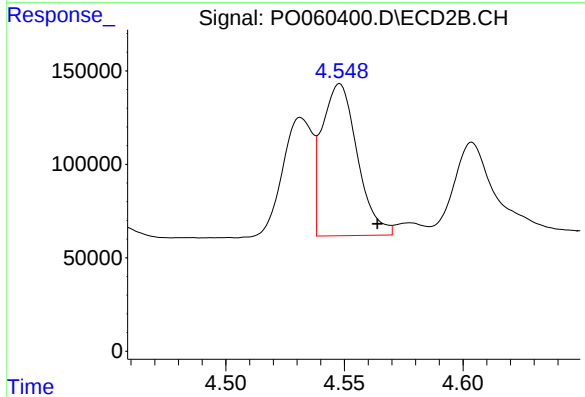
R.T.: 8.356 min
Delta R.T.: -0.029 min
Response: 762912
Conc: 18.92 ng/ml



#3 AR-1016-1

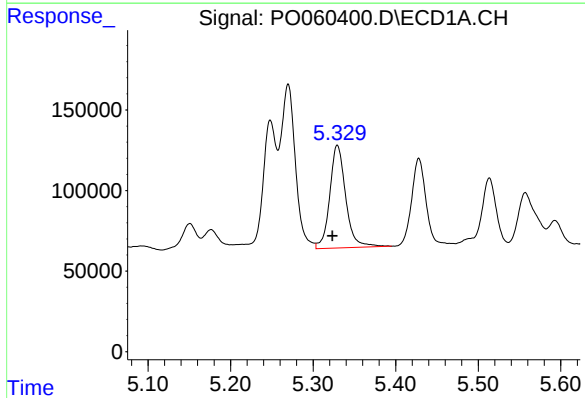
R.T.: 5.329 min
Delta R.T.: 0.027 min
Response: 855696
Conc: 533.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



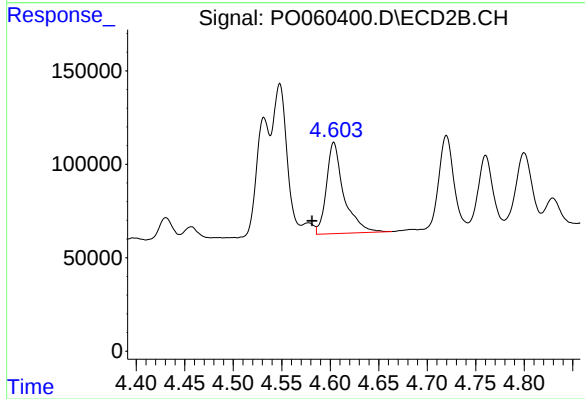
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: -0.016 min
Response: 840933
Conc: 622.02 ng/ml



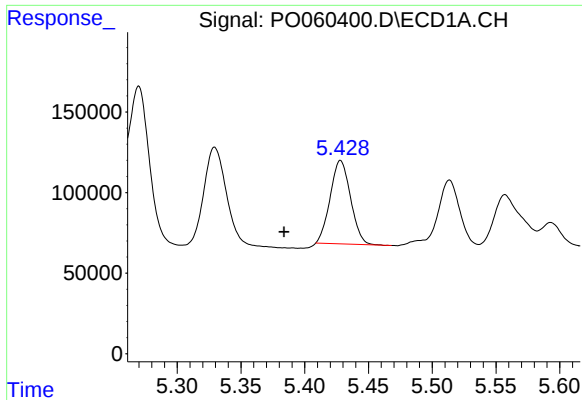
#4 AR-1016-2

R.T.: 5.329 min
Delta R.T.: 0.006 min
Response: 855696
Conc: 357.66 ng/ml



#4 AR-1016-2

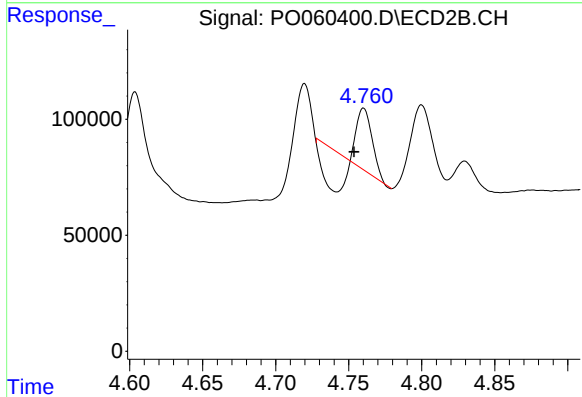
R.T.: 4.604 min
Delta R.T.: 0.023 min
Response: 610466
Conc: 304.77 ng/ml



#5 AR-1016-3

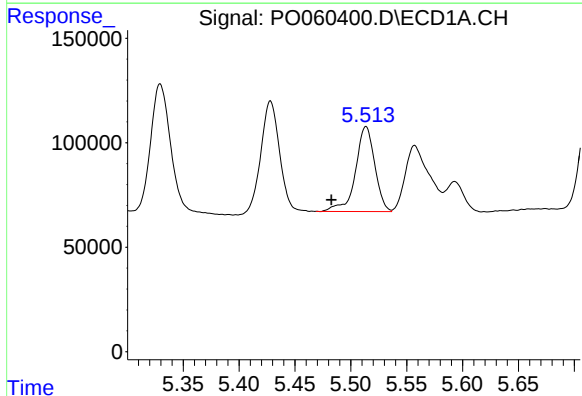
R.T.: 5.428 min
Delta R.T.: 0.044 min
Response: 573551
Conc: 385.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



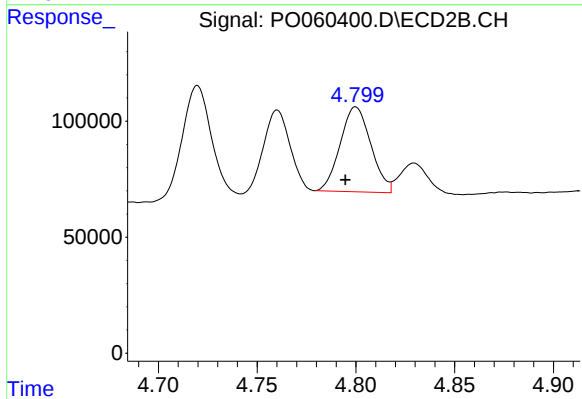
#5 AR-1016-3

R.T.: 4.760 min
Delta R.T.: 0.007 min
Response: 91144
Conc: 84.25 ng/ml



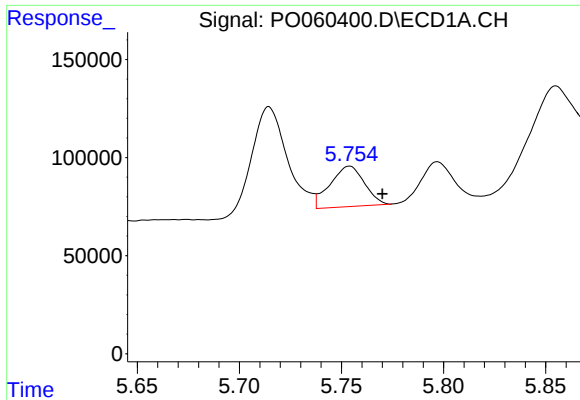
#6 AR-1016-4

R.T.: 5.514 min
Delta R.T.: 0.031 min
Response: 487225
Conc: 402.75 ng/ml



#6 AR-1016-4

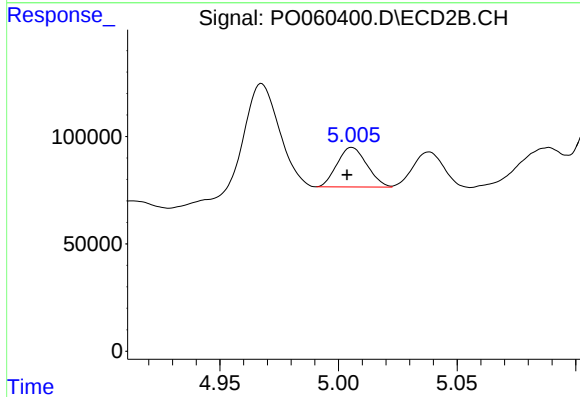
R.T.: 4.800 min
Delta R.T.: 0.005 min
Response: 396031
Conc: 438.58 ng/ml



#7 AR-1016-5

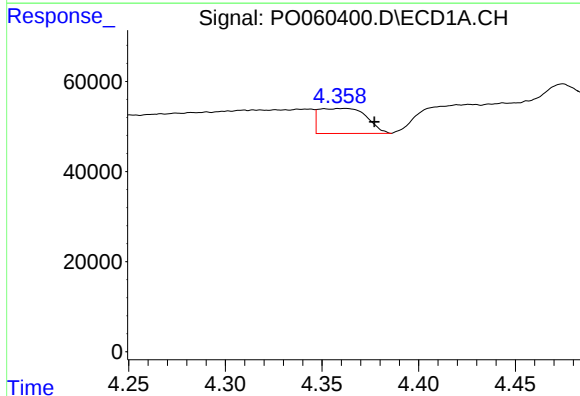
R.T.: 5.754 min
Delta R.T.: -0.016 min
Response: 242523
Conc: 188.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



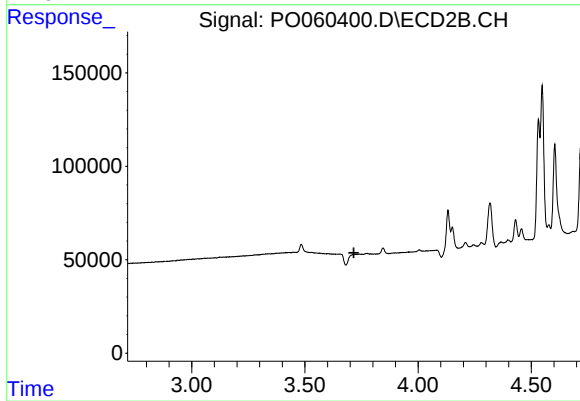
#7 AR-1016-5

R.T.: 5.006 min
Delta R.T.: 0.002 min
Response: 160813
Conc: 139.60 ng/ml



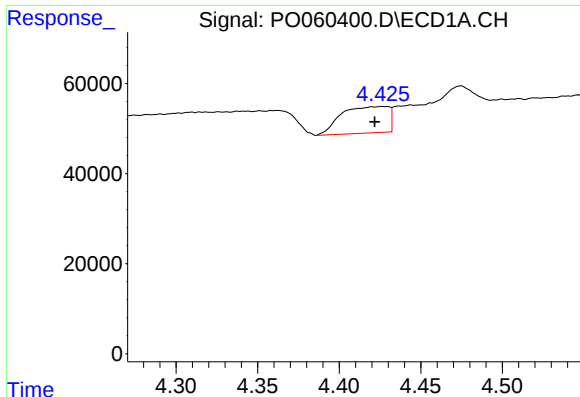
#8 AR-1221-1

R.T.: 4.362 min
Delta R.T.: -0.015 min
Response: 94585
Conc: 223.36 ng/ml



#8 AR-1221-1

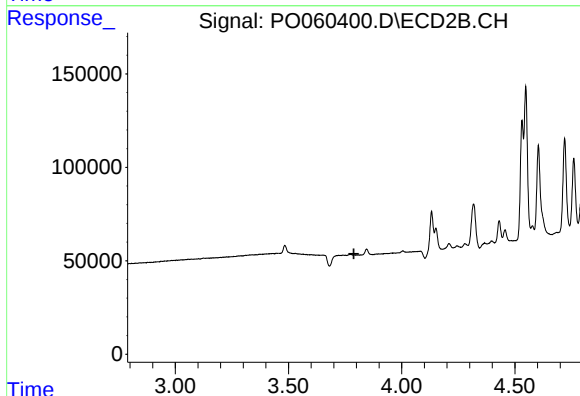
R.T.: 3.773 min
Delta R.T.: 0.057 min
Response: -48234
Conc: N.D.



#9 AR-1221-2

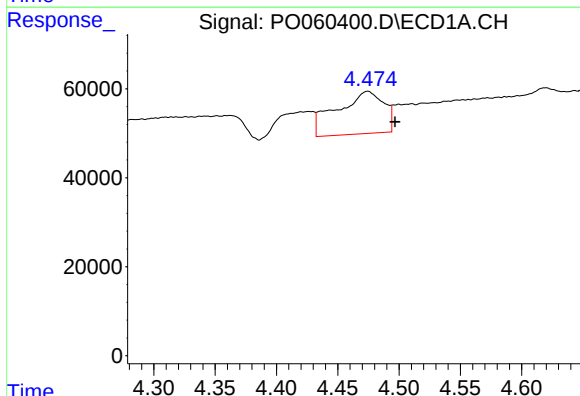
R.T.: 4.427 min
Delta R.T.: 0.005 min
Response: 118862
Conc: 365.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



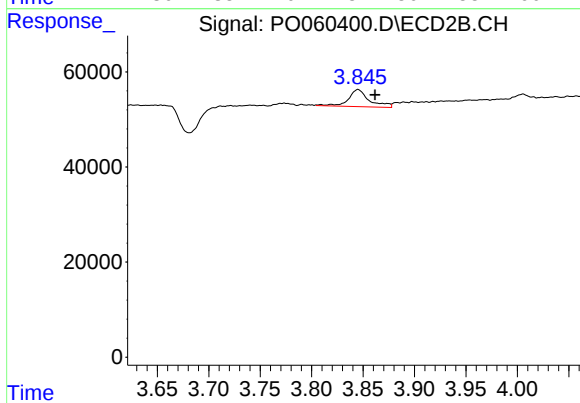
#9 AR-1221-2

R.T.: 3.773 min
Delta R.T.: -0.016 min
Response: -48234
Conc: N.D.



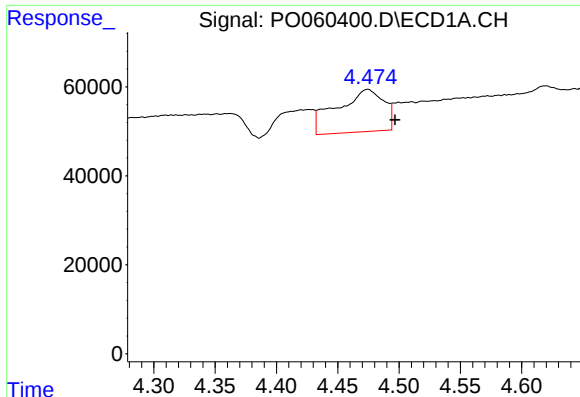
#10 AR-1221-3

R.T.: 4.474 min
Delta R.T.: -0.022 min
Response: 254008
Conc: 241.48 ng/ml



#10 AR-1221-3

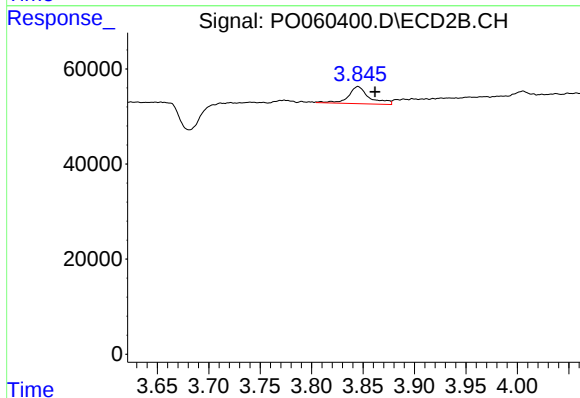
R.T.: 3.845 min
Delta R.T.: -0.016 min
Response: 50669
Conc: 51.78 ng/ml



#11 AR-1232-1

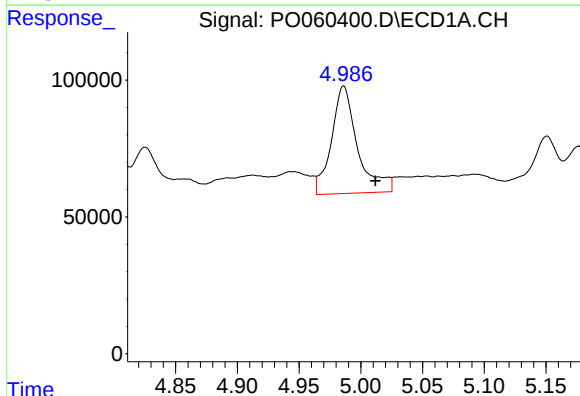
R.T.: 4.474 min
Delta R.T.: -0.022 min
Response: 254008
Conc: 203.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



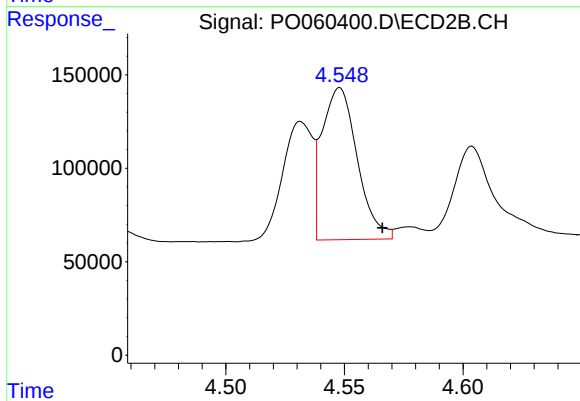
#11 AR-1232-1

R.T.: 3.845 min
Delta R.T.: -0.016 min
Response: 50669
Conc: 44.44 ng/ml



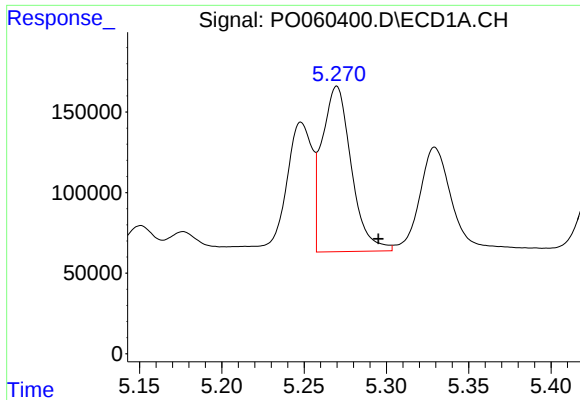
#12 AR-1232-2

R.T.: 4.986 min
Delta R.T.: -0.026 min
Response: 579335
Conc: 820.13 ng/ml



#12 AR-1232-2

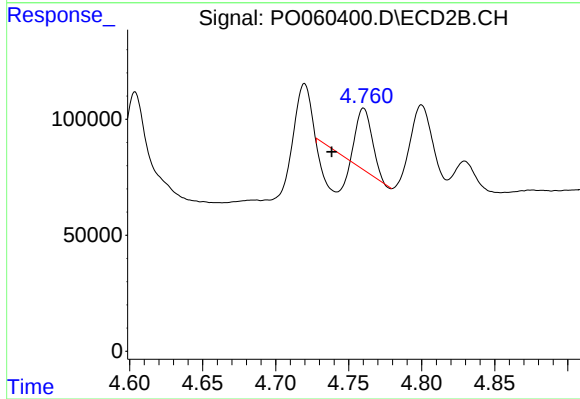
R.T.: 4.548 min
Delta R.T.: -0.018 min
Response: 840933
Conc: 660.29 ng/ml



#13 AR-1232-3

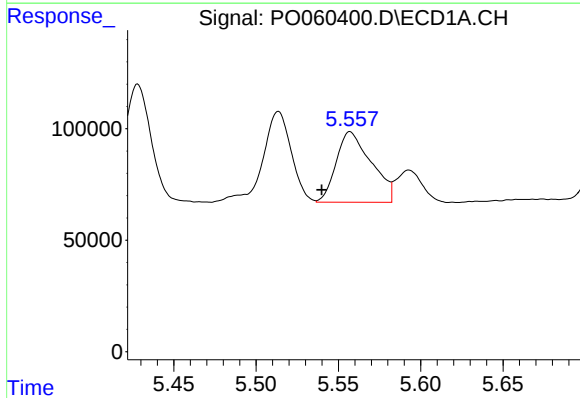
R.T.: 5.270 min
Delta R.T.: -0.025 min
Response: 1274159
Conc: 832.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



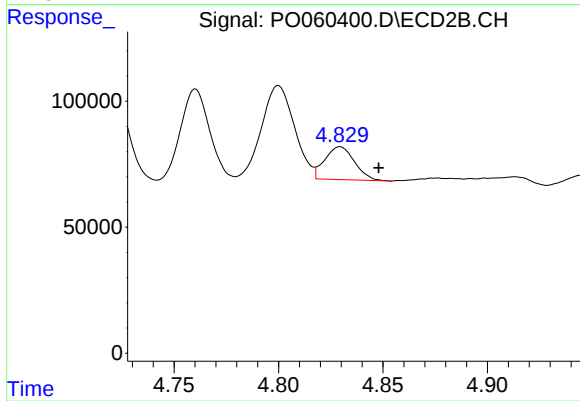
#13 AR-1232-3

R.T.: 4.760 min
Delta R.T.: 0.022 min
Response: 91144
Conc: 133.86 ng/ml



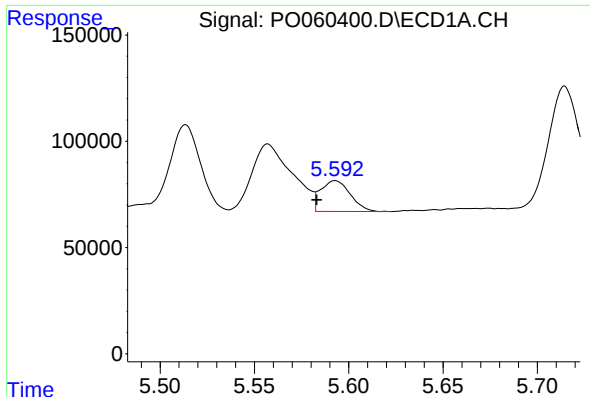
#14 AR-1232-4

R.T.: 5.557 min
Delta R.T.: 0.017 min
Response: 470389
Conc: 601.61 ng/ml



#14 AR-1232-4

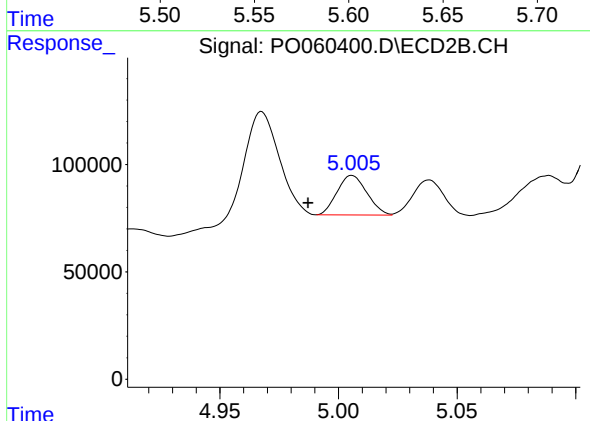
R.T.: 4.829 min
Delta R.T.: -0.019 min
Response: 129057
Conc: 211.55 ng/ml



#15 AR-1232-5

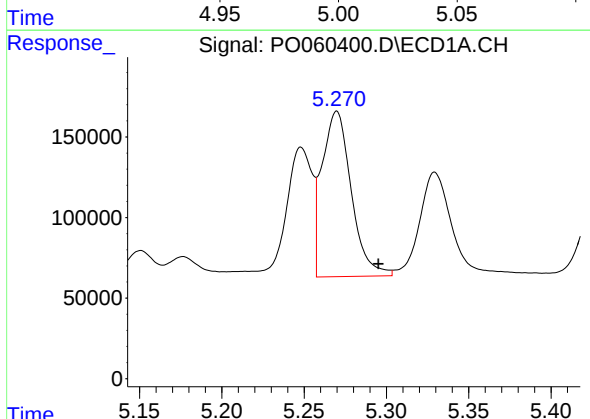
R.T.: 5.593 min
Delta R.T.: 0.010 min
Response: 158830
Conc: 264.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



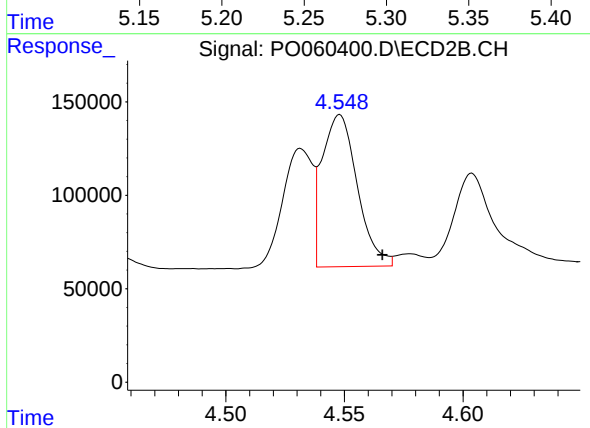
#15 AR-1232-5

R.T.: 5.006 min
Delta R.T.: 0.019 min
Response: 160813
Conc: 236.23 ng/ml



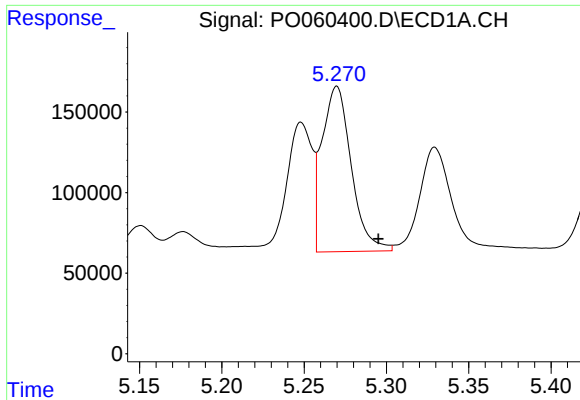
#16 AR-1242-1

R.T.: 5.270 min
Delta R.T.: -0.025 min
Response: 1274159
Conc: 1003.66 ng/ml



#16 AR-1242-1

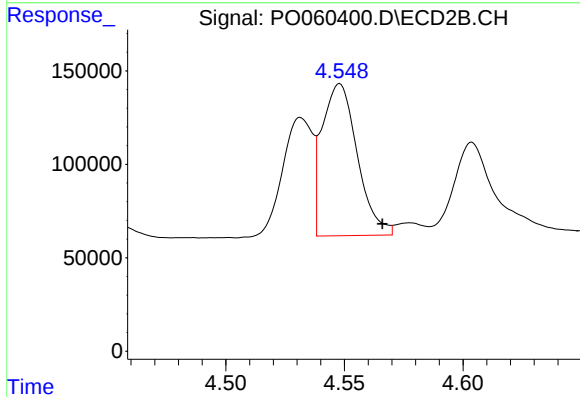
R.T.: 4.548 min
Delta R.T.: -0.018 min
Response: 840933
Conc: 817.50 ng/ml



#17 AR-1242-2

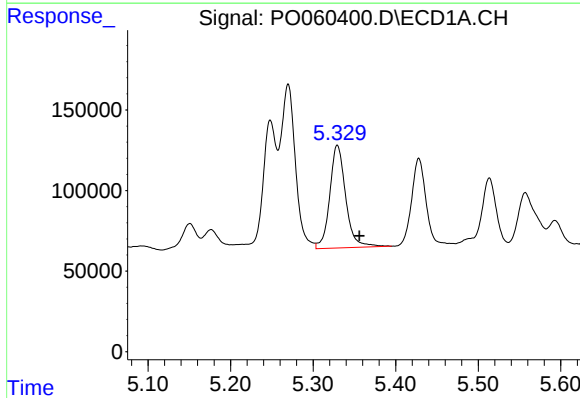
R.T.: 5.270 min
Delta R.T.: -0.025 min
Response: 1274159
Conc: 686.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



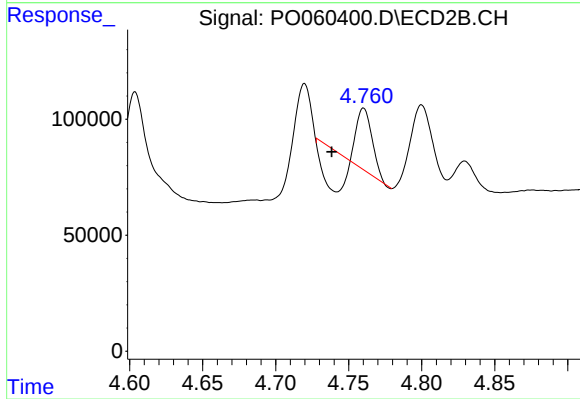
#17 AR-1242-2

R.T.: 4.548 min
Delta R.T.: -0.018 min
Response: 840933
Conc: 552.12 ng/ml



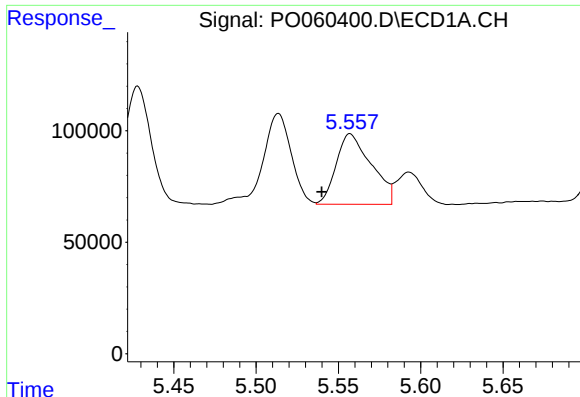
#18 AR-1242-3

R.T.: 5.329 min
Delta R.T.: -0.027 min
Response: 855696
Conc: 732.09 ng/ml



#18 AR-1242-3

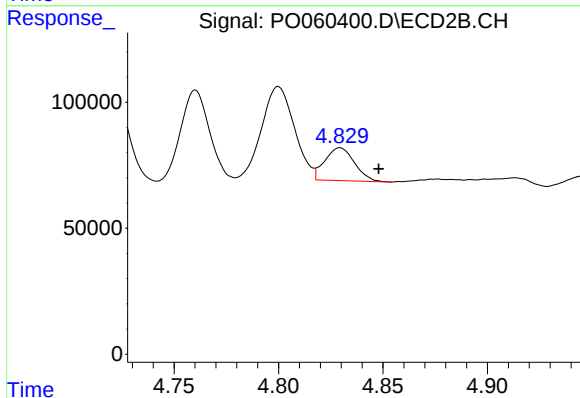
R.T.: 4.760 min
Delta R.T.: 0.022 min
Response: 91144
Conc: 109.09 ng/ml



#19 AR-1242-4

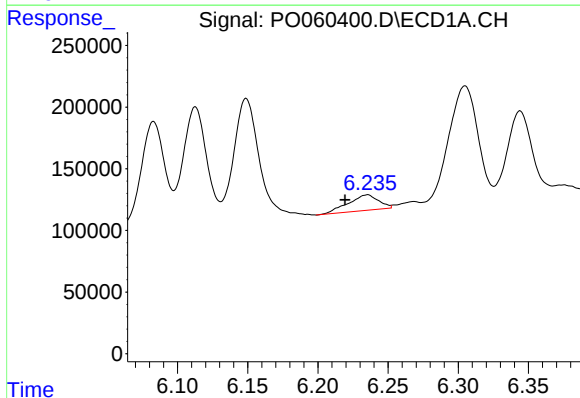
R.T.: 5.557 min
Delta R.T.: 0.017 min
Response: 470389
Conc: 486.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



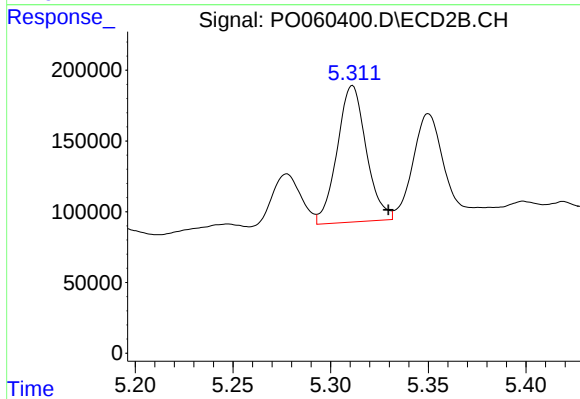
#19 AR-1242-4

R.T.: 4.829 min
Delta R.T.: -0.019 min
Response: 129057
Conc: 154.67 ng/ml



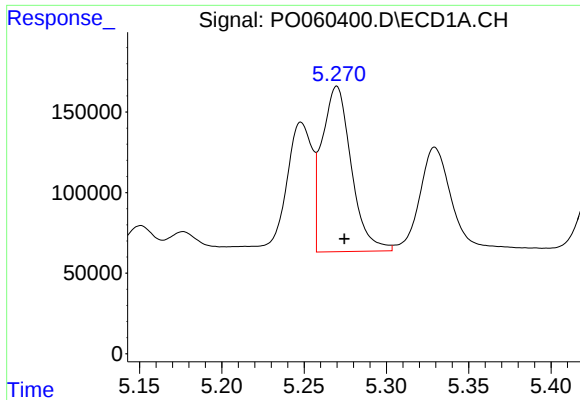
#20 AR-1242-5

R.T.: 6.235 min
Delta R.T.: 0.016 min
Response: 190576
Conc: 151.66 ng/ml



#20 AR-1242-5

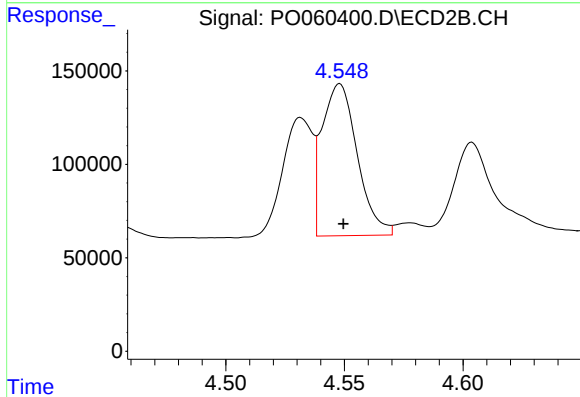
R.T.: 5.311 min
Delta R.T.: -0.018 min
Response: 999060
Conc: 893.13 ng/ml



#21 AR-1248-1

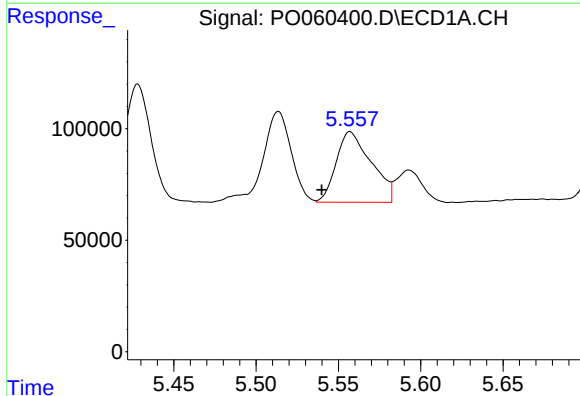
R.T.: 5.270 min
Delta R.T.: -0.005 min
Response: 1274159
Conc: 1270.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



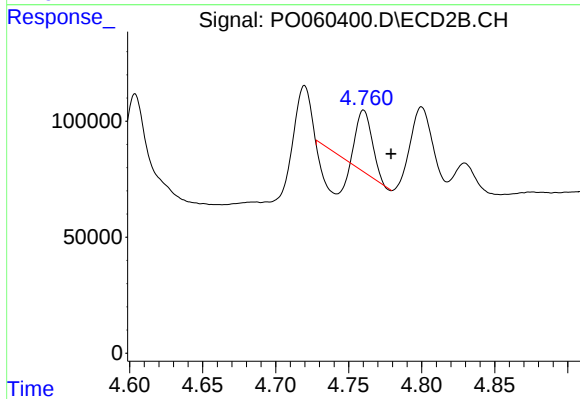
#21 AR-1248-1

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 840933
Conc: 1015.59 ng/ml



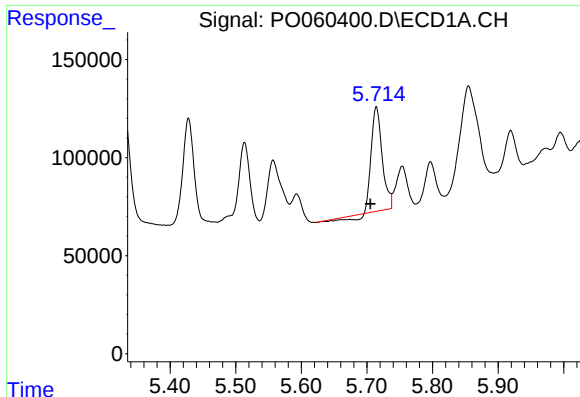
#22 AR-1248-2

R.T.: 5.557 min
Delta R.T.: 0.017 min
Response: 470389
Conc: 324.20 ng/ml



#22 AR-1248-2

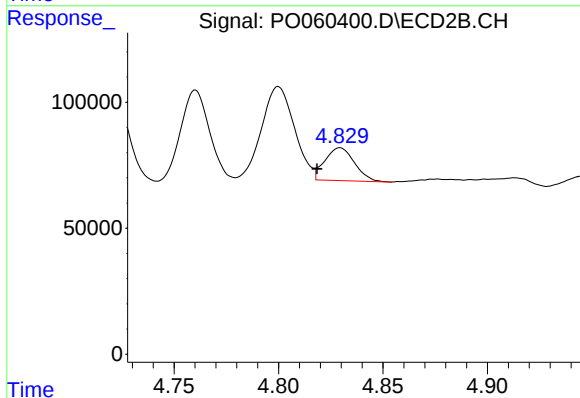
R.T.: 4.760 min
Delta R.T.: -0.019 min
Response: 91144
Conc: 79.04 ng/ml



#23 AR-1248-3

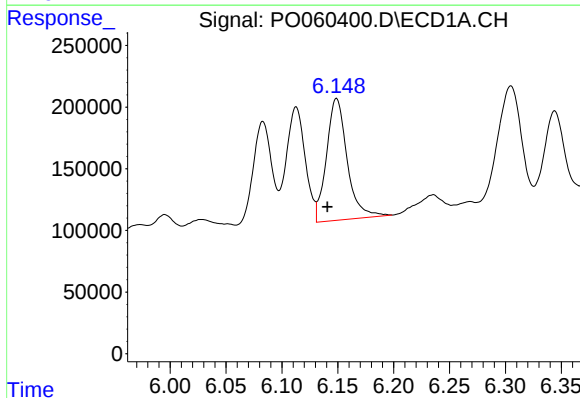
R.T.: 5.715 min
Delta R.T.: 0.009 min
Response: 581474
Conc: 349.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



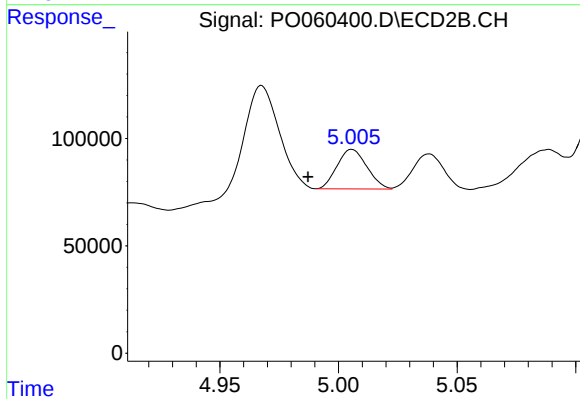
#23 AR-1248-3

R.T.: 4.829 min
Delta R.T.: 0.011 min
Response: 129057
Conc: 108.66 ng/ml



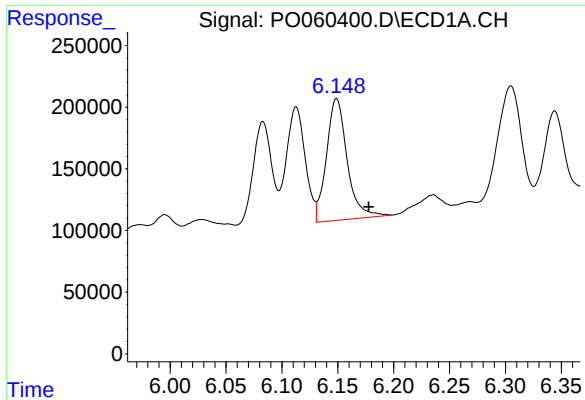
#24 AR-1248-4

R.T.: 6.149 min
Delta R.T.: 0.008 min
Response: 1274201
Conc: 623.35 ng/ml



#24 AR-1248-4

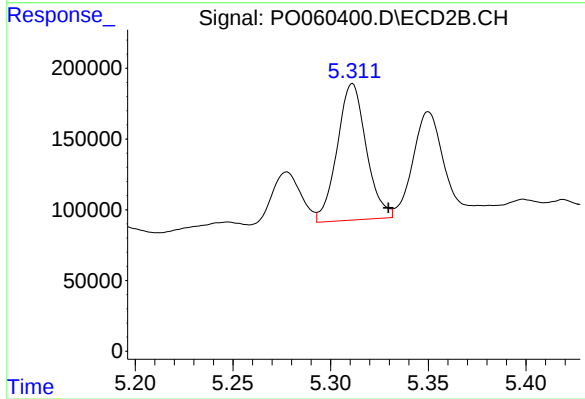
R.T.: 5.006 min
Delta R.T.: 0.019 min
Response: 160813
Conc: 110.67 ng/ml



#25 AR-1248-5

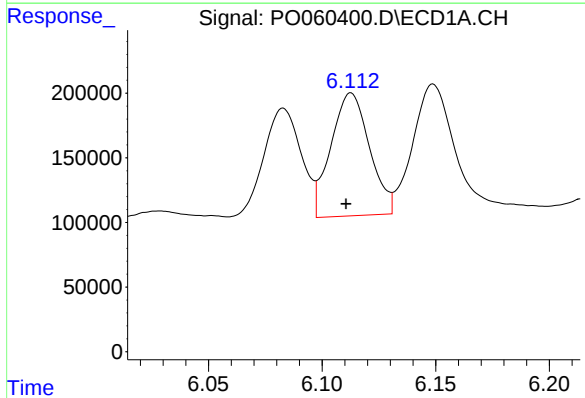
R.T.: 6.149 min
Delta R.T.: -0.029 min
Response: 1274201
Conc: 642.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



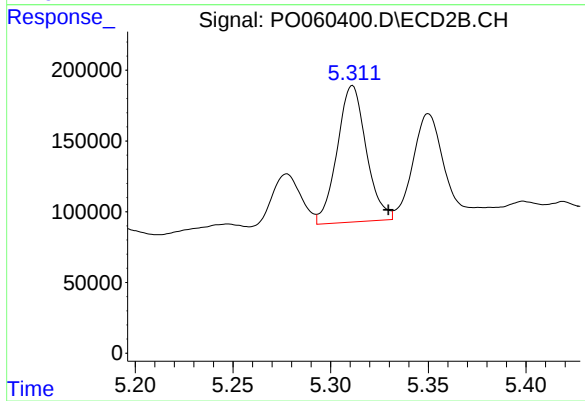
#25 AR-1248-5

R.T.: 5.311 min
Delta R.T.: -0.018 min
Response: 999060
Conc: 698.02 ng/ml



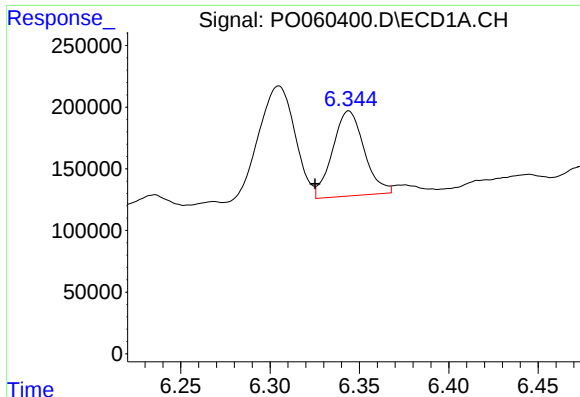
#26 AR-1254-1

R.T.: 6.113 min
Delta R.T.: 0.002 min
Response: 1128181
Conc: 540.73 ng/ml



#26 AR-1254-1

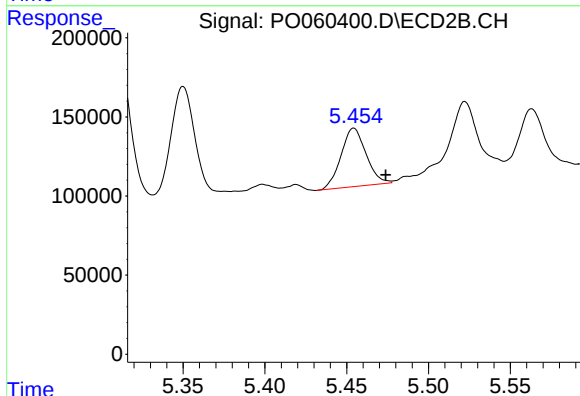
R.T.: 5.311 min
Delta R.T.: -0.018 min
Response: 999060
Conc: 421.22 ng/ml



#27 AR-1254-2

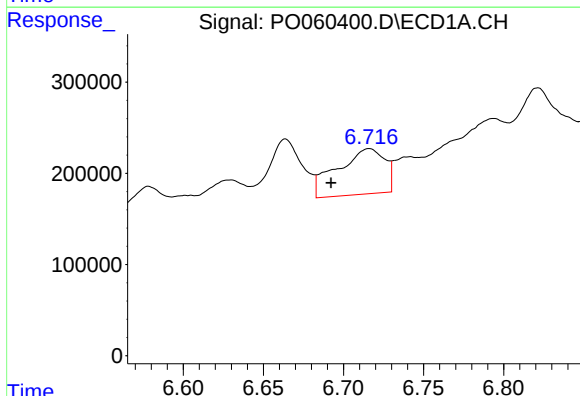
R.T.: 6.344 min
Delta R.T.: 0.019 min
Response: 849564
Conc: 254.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



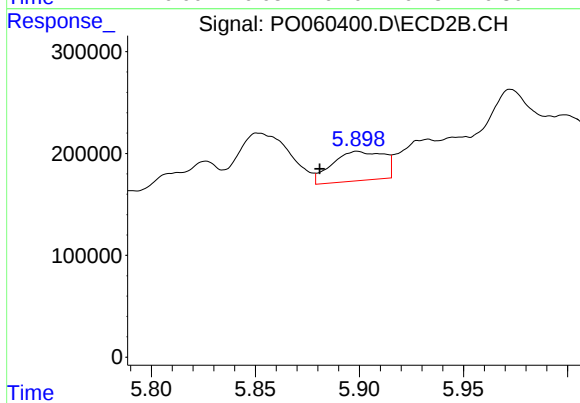
#27 AR-1254-2

R.T.: 5.454 min
Delta R.T.: -0.020 min
Response: 394540
Conc: 188.03 ng/ml



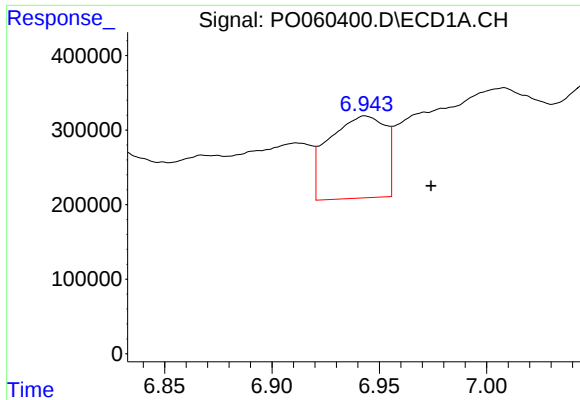
#28 AR-1254-3

R.T.: 6.716 min
Delta R.T.: 0.024 min
Response: 1031220
Conc: 290.61 ng/ml



#28 AR-1254-3

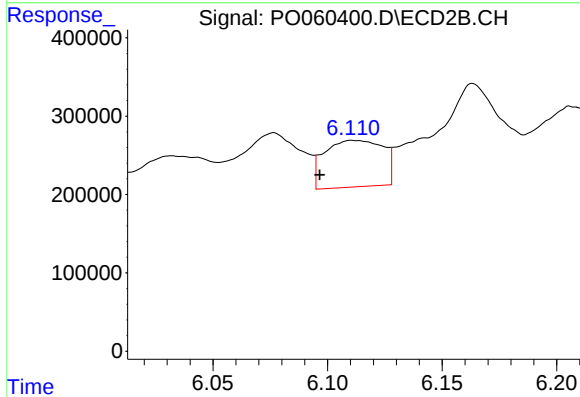
R.T.: 5.899 min
Delta R.T.: 0.018 min
Response: 496161
Conc: 147.56 ng/ml



#29 AR-1254-4

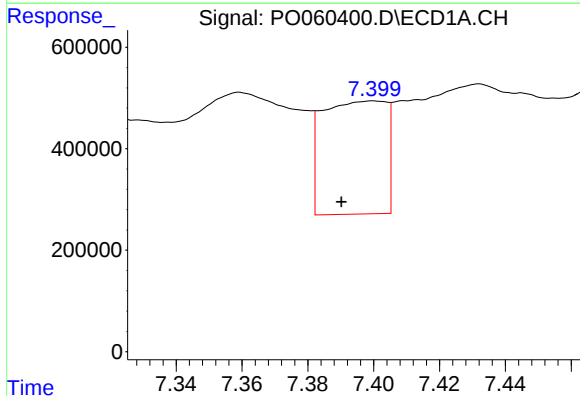
R.T.: 6.944 min
Delta R.T.: -0.031 min
Response: 2016318
Conc: 684.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



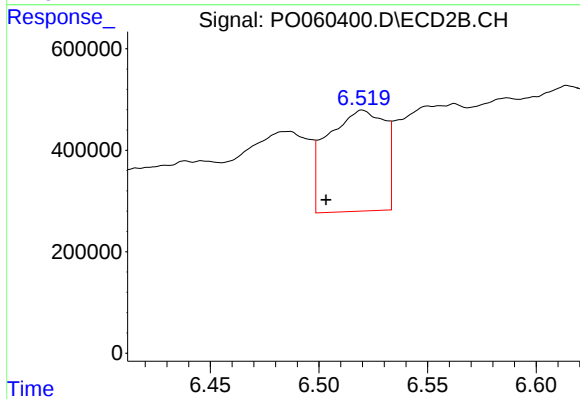
#29 AR-1254-4

R.T.: 6.111 min
Delta R.T.: 0.015 min
Response: 1054026
Conc: 511.21 ng/ml



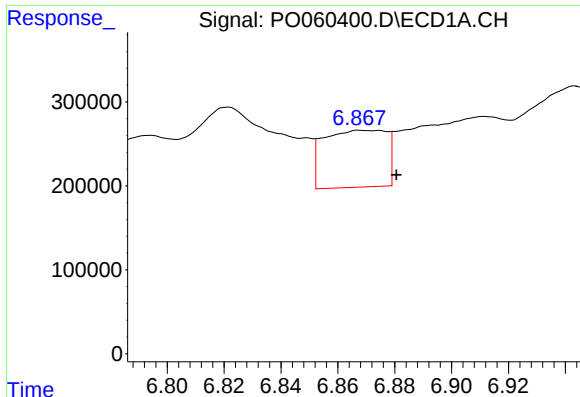
#30 AR-1254-5

R.T.: 7.400 min
Delta R.T.: 0.010 min
Response: 2985473
Conc: 965.42 ng/ml



#30 AR-1254-5

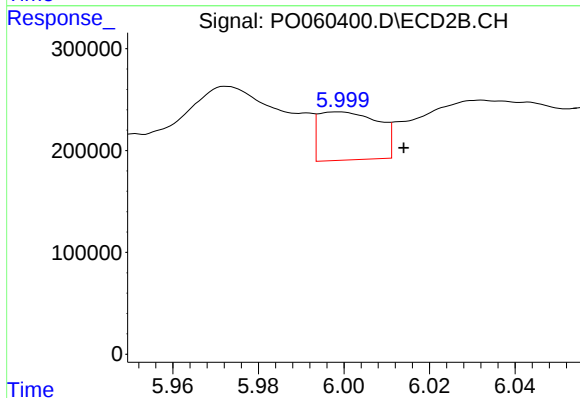
R.T.: 6.520 min
Delta R.T.: 0.017 min
Response: 3652633
Conc: 1176.38 ng/ml



#31 AR-1260-1

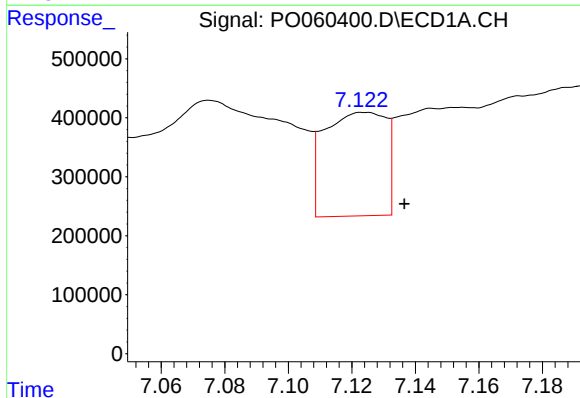
R.T.: 6.868 min
Delta R.T.: -0.013 min
Response: 1038414
Conc: 385.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



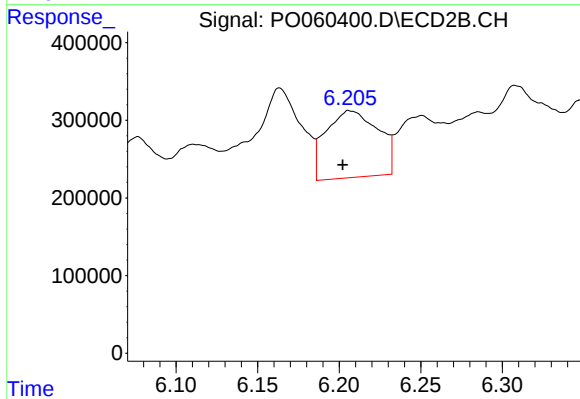
#31 AR-1260-1

R.T.: 5.999 min
Delta R.T.: -0.015 min
Response: 459103
Conc: 201.46 ng/ml



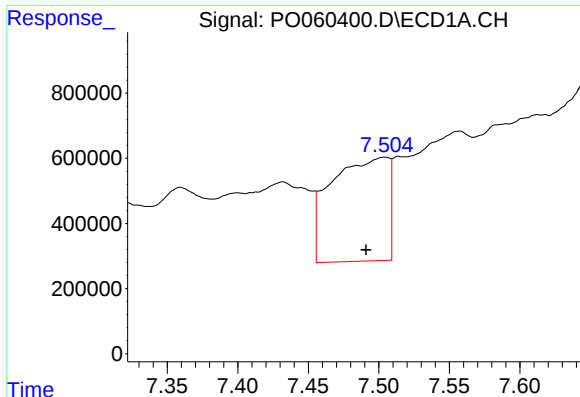
#32 AR-1260-2

R.T.: 7.124 min
Delta R.T.: -0.013 min
Response: 2358172
Conc: 635.54 ng/ml



#32 AR-1260-2

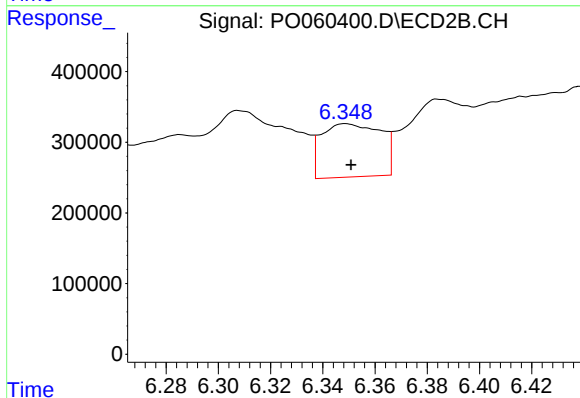
R.T.: 6.206 min
Delta R.T.: 0.004 min
Response: 1917236
Conc: 654.37 ng/ml



#33 AR-1260-3

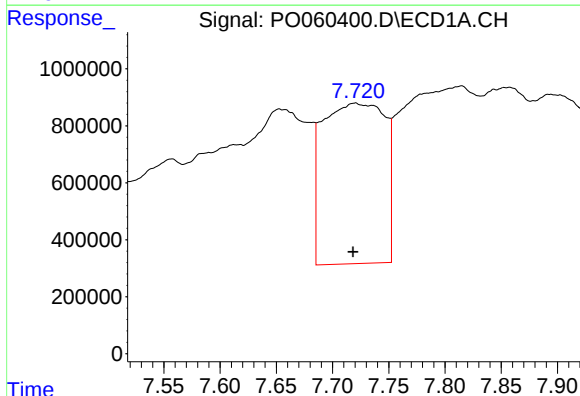
R.T.: 7.504 min
Delta R.T.: 0.013 min
Response: 9002712
Conc: 2747.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



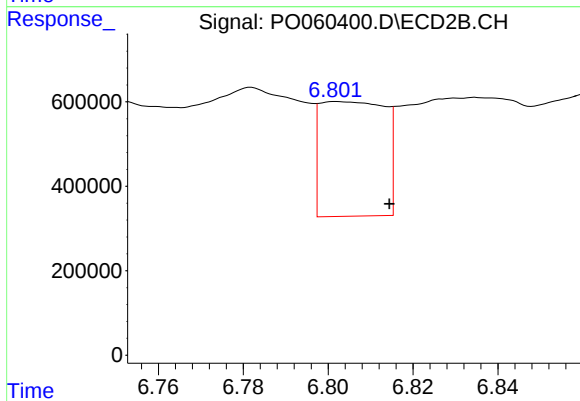
#33 AR-1260-3

R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 1190421
Conc: 449.36 ng/ml



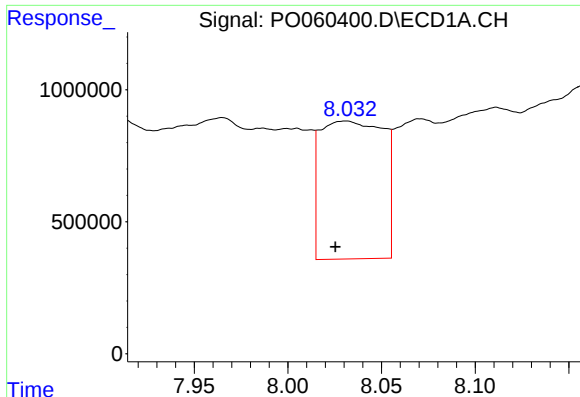
#34 AR-1260-4

R.T.: 7.720 min
Delta R.T.: 0.002 min
Response: 21620021
Conc: 7039.32 ng/ml



#34 AR-1260-4

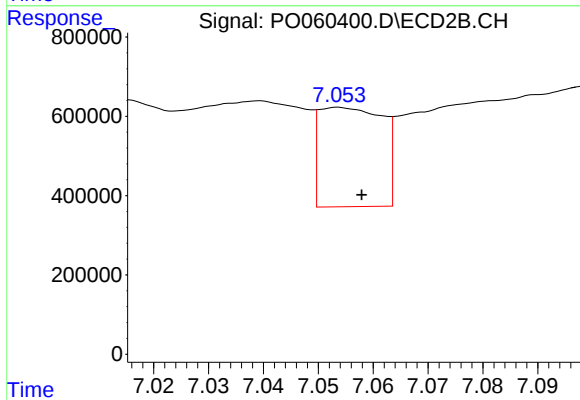
R.T.: 6.802 min
Delta R.T.: -0.012 min
Response: 2872638
Conc: 1269.63 ng/ml



#35 AR-1260-5

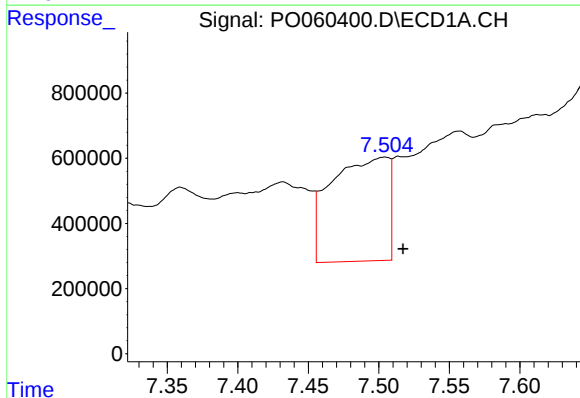
R.T.: 8.031 min
Delta R.T.: 0.006 min
Response: 12215050
Conc: 1725.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



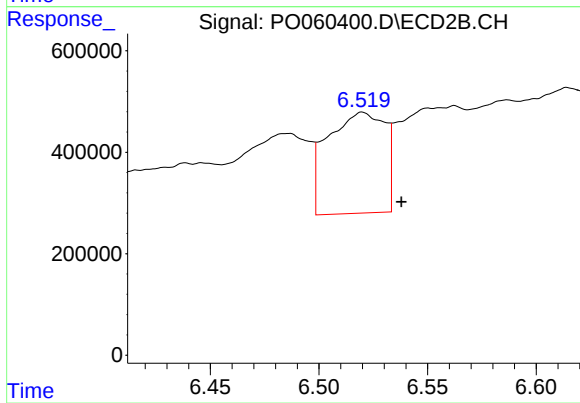
#35 AR-1260-5

R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 2002601
Conc: 363.89 ng/ml



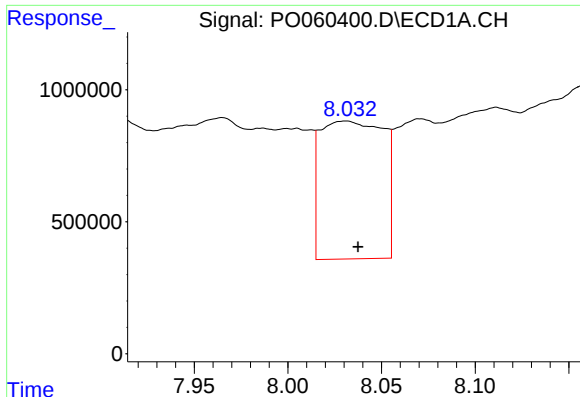
#36 AR-1262-1

R.T.: 7.504 min
Delta R.T.: -0.013 min
Response: 9002712
Conc: 1855.12 ng/ml



#36 AR-1262-1

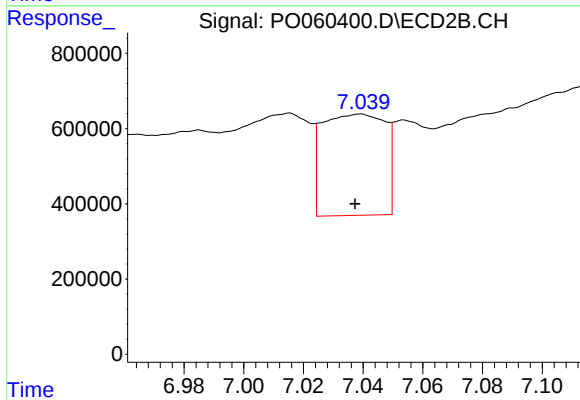
R.T.: 6.520 min
Delta R.T.: -0.018 min
Response: 3652633
Conc: 979.90 ng/ml



#37 AR-1262-2

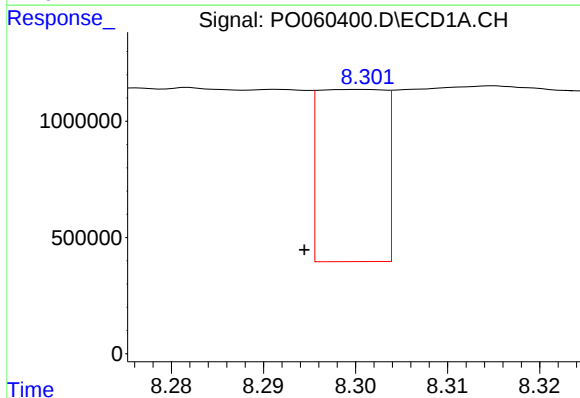
R.T.: 8.031 min
Delta R.T.: -0.007 min
Response: 12215050
Conc: 1583.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



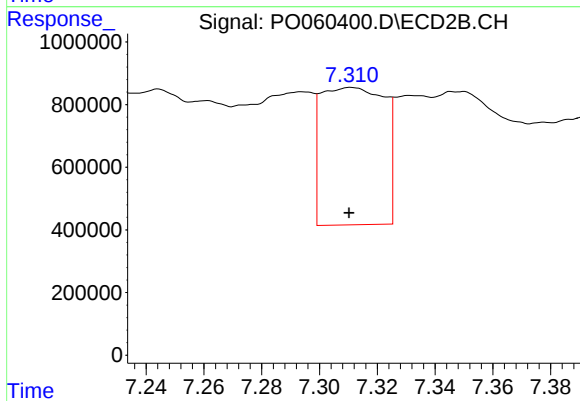
#37 AR-1262-2

R.T.: 7.039 min
Delta R.T.: 0.002 min
Response: 3928870
Conc: 668.28 ng/ml



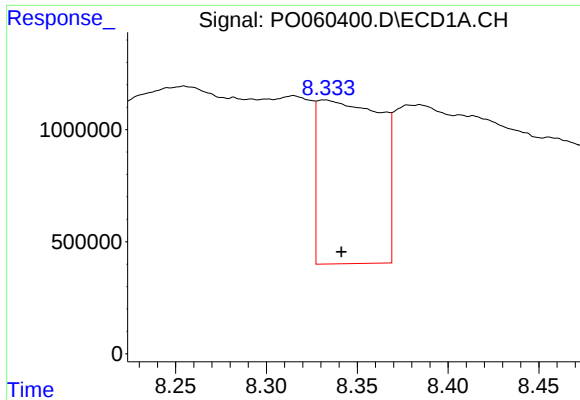
#38 AR-1262-3

R.T.: 8.300 min
Delta R.T.: 0.006 min
Response: 3692865
Conc: 723.76 ng/ml



#38 AR-1262-3

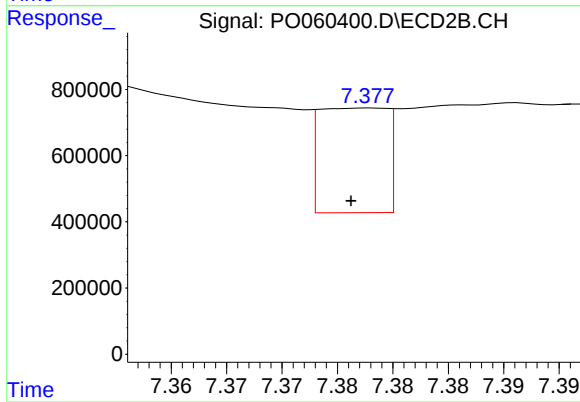
R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 6692797
Conc: 2633.96 ng/ml



#39 AR-1262-4

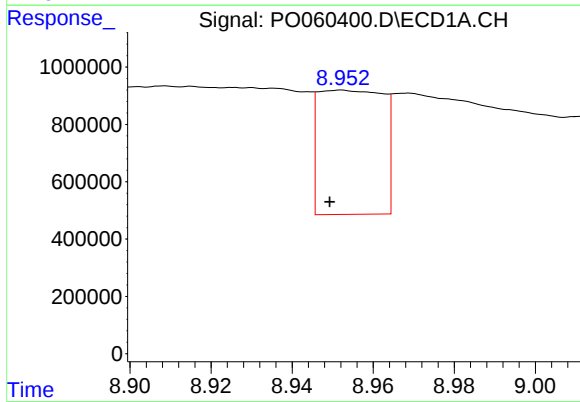
R.T.: 8.332 min
Delta R.T.: -0.009 min
Response: 17561435
Conc: 4555.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



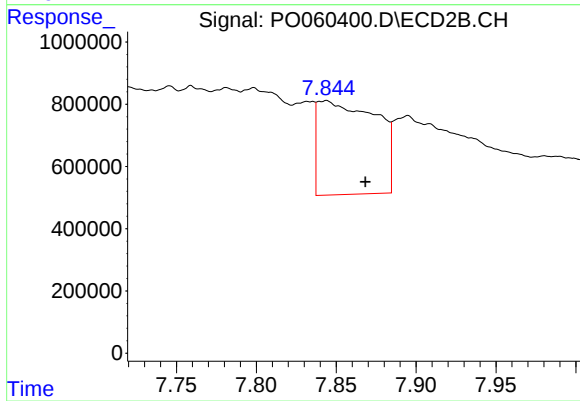
#39 AR-1262-4

R.T.: 7.378 min
Delta R.T.: 0.002 min
Response: 1331396
Conc: 301.29 ng/ml



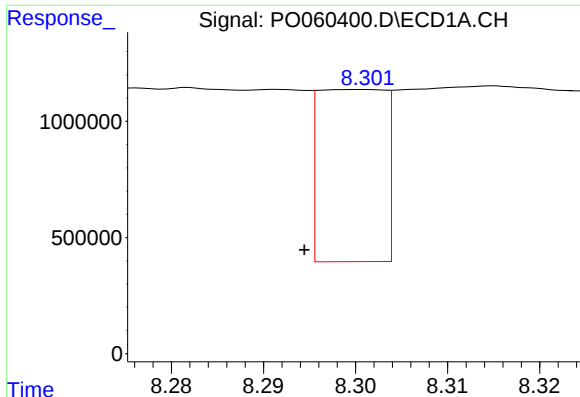
#40 AR-1262-5

R.T.: 8.952 min
Delta R.T.: 0.003 min
Response: 4803570
Conc: 1871.60 ng/ml



#40 AR-1262-5

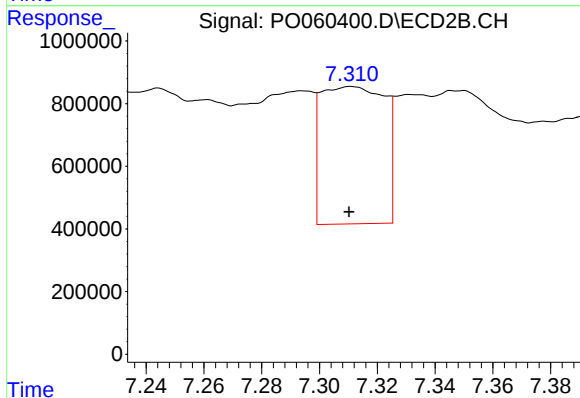
R.T.: 7.844 min
Delta R.T.: -0.025 min
Response: 7698357
Conc: 4263.69 ng/ml



#41 AR-1268-1

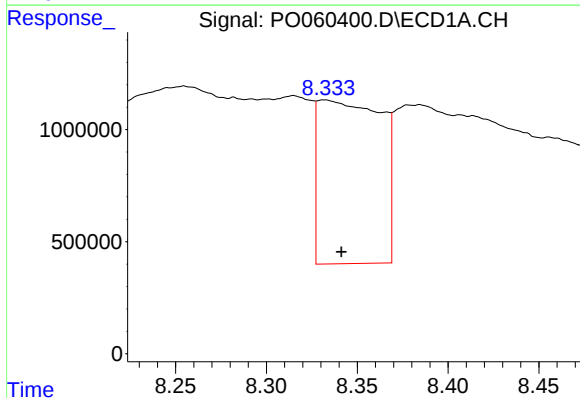
R.T.: 8.300 min
Delta R.T.: 0.006 min
Response: 3692865
Conc: 392.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



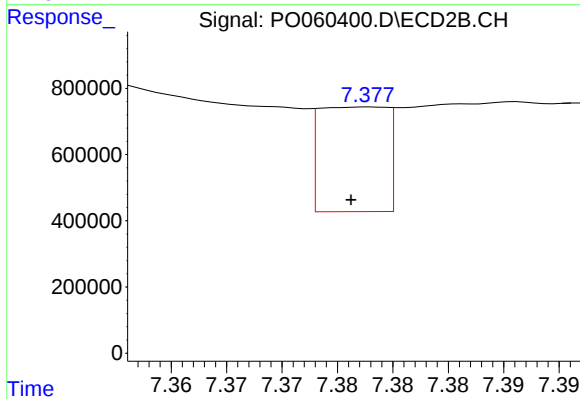
#41 AR-1268-1

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 6692797
Conc: 939.88 ng/ml



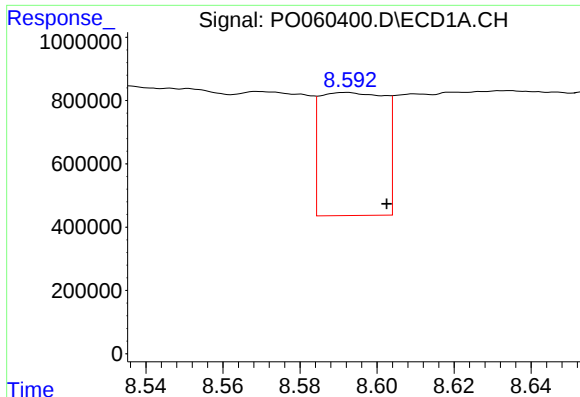
#42 AR-1268-2

R.T.: 8.332 min
Delta R.T.: -0.009 min
Response: 17561435
Conc: 2227.85 ng/ml



#42 AR-1268-2

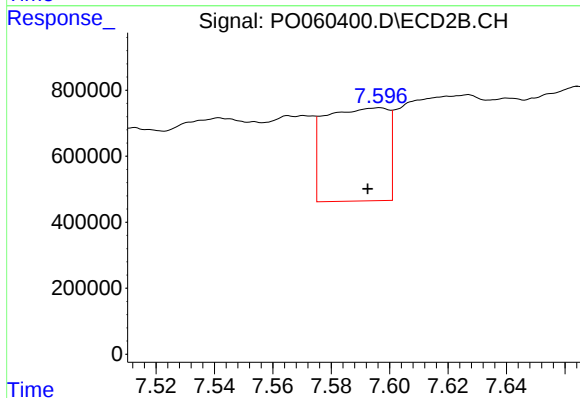
R.T.: 7.378 min
Delta R.T.: 0.002 min
Response: 1331396
Conc: 206.48 ng/ml



#43 AR-1268-3

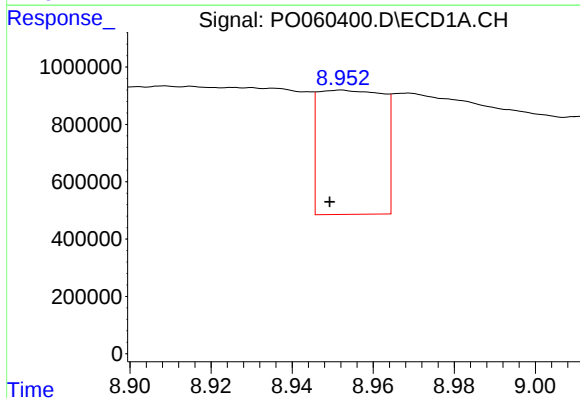
R.T.: 8.592 min
Delta R.T.: -0.011 min
Response: 4526589
Conc: 642.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



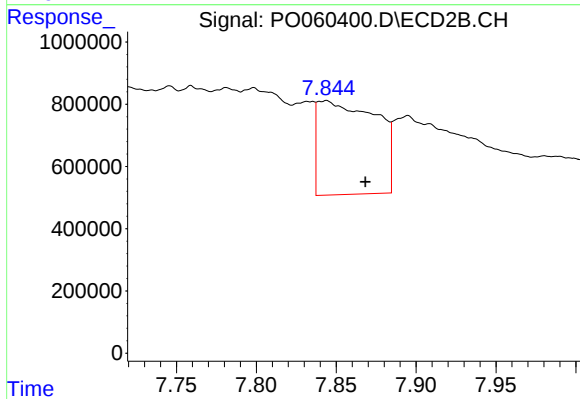
#43 AR-1268-3

R.T.: 7.596 min
Delta R.T.: 0.004 min
Response: 4235035
Conc: 774.00 ng/ml



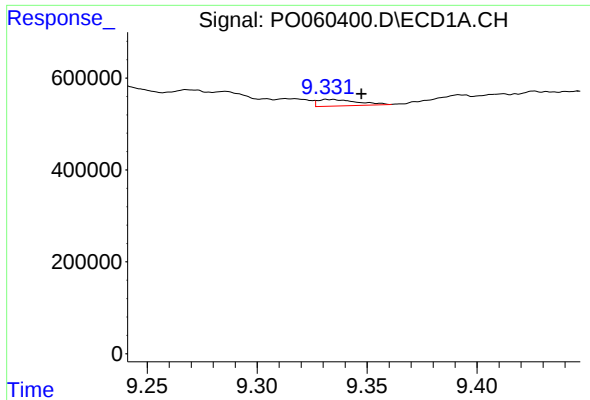
#44 AR-1268-4

R.T.: 8.952 min
Delta R.T.: 0.003 min
Response: 4803570
Conc: 1727.88 ng/ml



#44 AR-1268-4

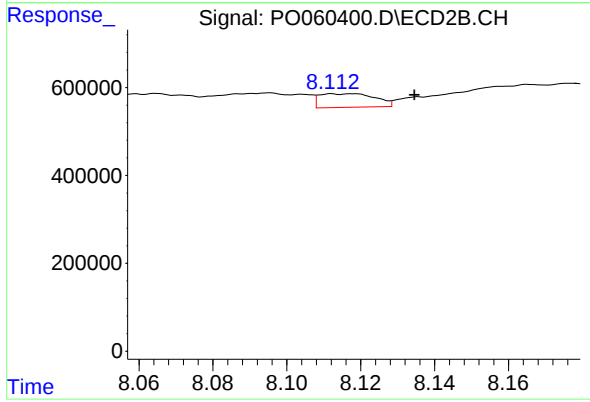
R.T.: 7.844 min
Delta R.T.: -0.025 min
Response: 7698357
Conc: 3771.31 ng/ml



#45 AR-1268-5

R.T.: 9.333 min
Delta R.T.: -0.014 min
Response: 177543
Conc: 9.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.113 min
Delta R.T.: -0.022 min
Response: 324516
Conc: 22.34 ng/ml