

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO112923\
 Data File : PO100135.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 13:55
 Operator : YP/AJ
 Sample : 05562-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 15:34:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.481	3.705	32893746	29079341	19.272	19.388
2)	SA Decachlor...	10.363	8.799	16393432	23282757	22.570	20.807
Target Compounds							
3)	L1 AR-1016-1	5.693	4.810	2186881	539755	50.827	17.094 #
4)	L1 AR-1016-2	5.693	4.840	2186881	1573994	33.778	36.403
5)	L1 AR-1016-3	5.761	5.004	1575201	1599573	36.140	68.974 #
6)	L1 AR-1016-4	5.831	5.063	7070196	2823370	214.187	137.717 #
7)	L1 AR-1016-5	6.168	5.277	1468506	10360	46.770	0.406 #
8)	L2 AR-1221-1	4.691	3.925	724363	288605	35.137	15.182 #
9)	L2 AR-1221-2	4.769	4.011	33692	493572	2.231	37.876 #
10)	L2 AR-1221-3	4.868	4.099	71797	166093	1.600	4.624 #
11)	L3 AR-1232-1	4.868	4.099	71797	166093	2.012	5.660 #
12)	L3 AR-1232-2	5.419	4.840	1524982	1573994	87.619	79.370
13)	L3 AR-1232-3	5.693	5.004	2186881	1599573	77.174	154.350 #
14)	L3 AR-1232-4	5.831	5.120	7070196	1956722	508.951	196.856 #
15)	L3 AR-1232-5	5.953	5.277	4049566	10360	329.978	0.959 #
16)	L4 AR-1242-1	5.693	4.810	2186881	539755	63.126	20.538 #
17)	L4 AR-1242-2	5.693	4.840	2186881	1573994	41.674	44.764
18)	L4 AR-1242-3	5.761	5.004	1575201	1599573	45.259	83.529 #
19)	L4 AR-1242-4	5.831	5.120	7070196	1956722	268.927	97.146 #
20)	L4 AR-1242-5	6.571	5.634	8771660	7446046	392.311	318.673
21)	L5 AR-1248-1	5.693	4.810	2186881	539755	84.590	26.999 #
22)	L5 AR-1248-2	5.953	5.063	4049566	2823370	99.019	100.904
23)	L5 AR-1248-3	6.168	5.120	1468506	1956722	34.284	67.758 #
24)	L5 AR-1248-4	6.571	5.277	8771660	10360	232.723	0.316 #
25)	L5 AR-1248-5	6.571	5.672	8771660	795205	237.503	26.621 #
26)	L6 AR-1254-1	6.546	5.634	9470366	7446046	196.672	143.643 #
27)	L6 AR-1254-2	6.767	5.775	6224120	798130	90.756	17.139 #
28)	L6 AR-1254-3	7.141	6.200	3235646	1537063	50.789	19.708 #
29)	L6 AR-1254-4	7.421	6.432	447223	1007913	11.830	23.617 #
30)	L6 AR-1254-5	7.839	6.833	2253181	2359029	52.642	32.600 #
31)	L7 AR-1260-1	7.293	6.314	1006344	1731264	18.900	29.961 #
32)	L7 AR-1260-2	7.549	6.500	6744153	1514737	127.495	22.807 #
33)	L7 AR-1260-3	7.918	6.658	717218	922068	20.107	14.410 #
34)	L7 AR-1260-4	8.145	7.134	851053	1164170	20.563	23.087
35)	L7 AR-1260-5	8.475	7.376	1578366	3050997	23.628	27.216
36)	L8 AR-1262-1	7.839	6.833	2253181	2359029	62.291	61.721
37)	L8 AR-1262-2	8.475	7.134	1578366	1164170	18.590	15.434
38)	L8 AR-1262-3	8.811	7.663	798107	364225	13.249	6.253 #
39)	L8 AR-1262-4	8.896	7.726	655412	1704041	13.595	16.579
40)	L8 AR-1262-5	9.578	8.228	372492	380444	14.268	8.731 #
41)	L9 AR-1268-1	8.811	7.663	798107	364225	7.230	2.193 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112923\
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 Acq On : 29 Nov 2023 13:55
 Operator : YP/AJ
 Sample : 05562-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

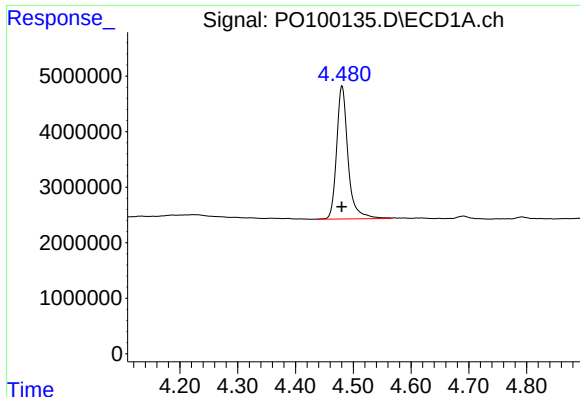
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 15:34:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
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 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	8.896	7.726	655412	1704041	6.808	11.164 #
43) L9	AR-1268-3	9.127	7.941	23862	455302	0.265	3.177 #
44) L9	AR-1268-4	9.578	8.228	372492	380444	13.099	8.097 #
45) L9	AR-1268-5	10.007	8.530	241879	236952	0.961	0.595 #

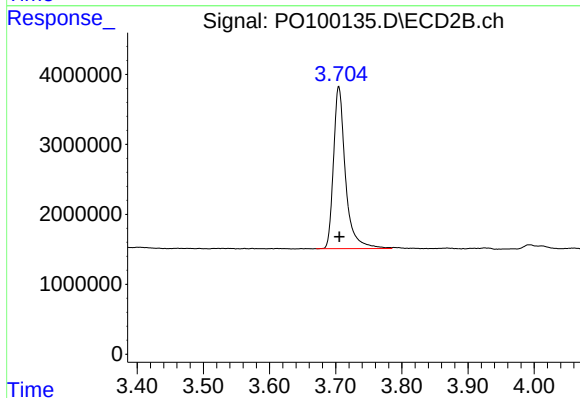
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

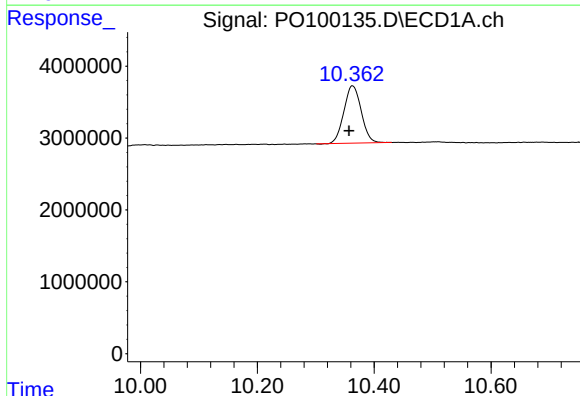
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 32893746
Conc: 19.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



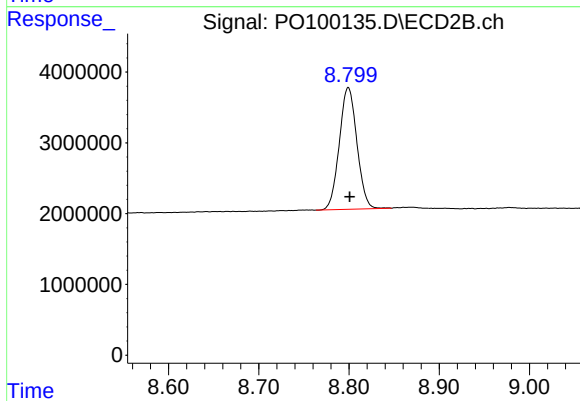
#1 Tetrachloro-m-xylene

R.T.: 3.705 min
Delta R.T.: -0.001 min
Response: 29079341
Conc: 19.39 ng/ml



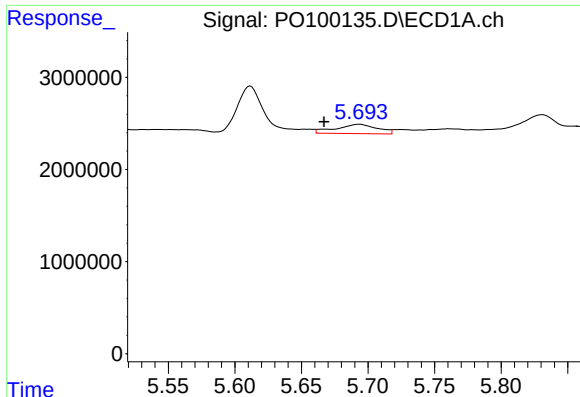
#2 Decachlorobiphenyl

R.T.: 10.363 min
Delta R.T.: 0.006 min
Response: 16393432
Conc: 22.57 ng/ml



#2 Decachlorobiphenyl

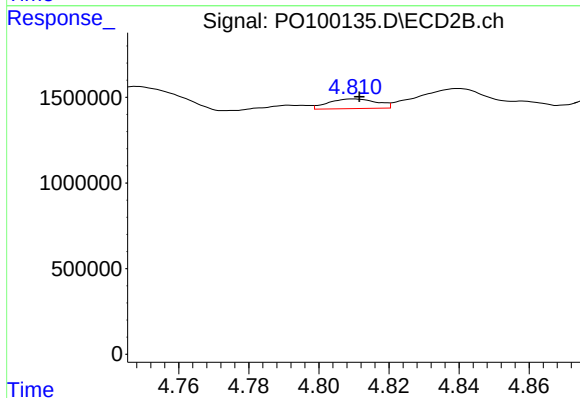
R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 23282757
Conc: 20.81 ng/ml



#3 AR-1016-1

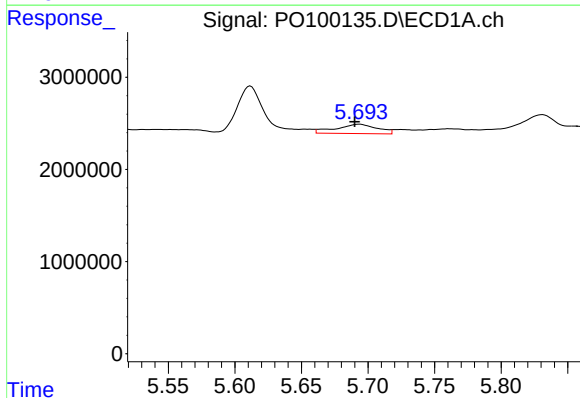
R.T.: 5.693 min
Delta R.T.: 0.026 min
Response: 2186881
Conc: 50.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



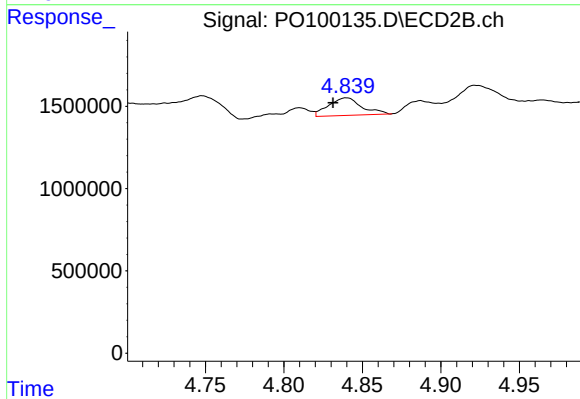
#3 AR-1016-1

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 539755
Conc: 17.09 ng/ml



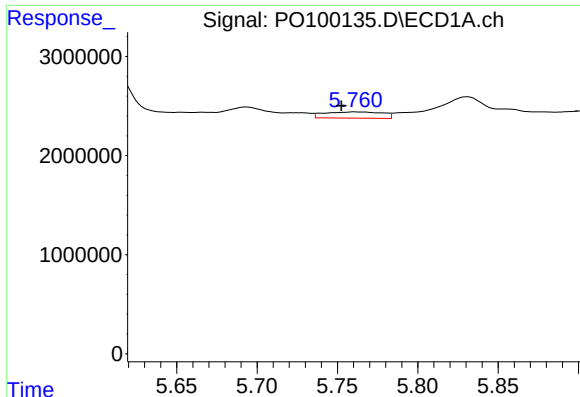
#4 AR-1016-2

R.T.: 5.693 min
Delta R.T.: 0.003 min
Response: 2186881
Conc: 33.78 ng/ml



#4 AR-1016-2

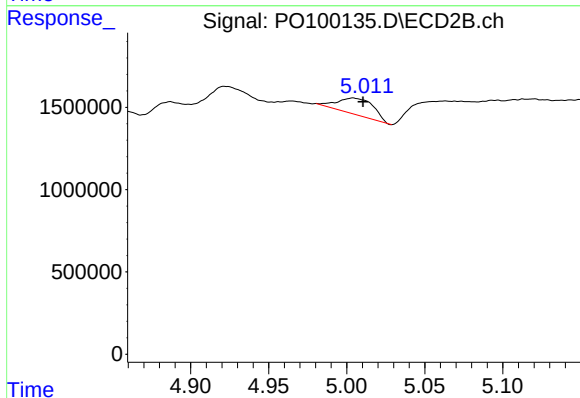
R.T.: 4.840 min
Delta R.T.: 0.009 min
Response: 1573994
Conc: 36.40 ng/ml



#5 AR-1016-3

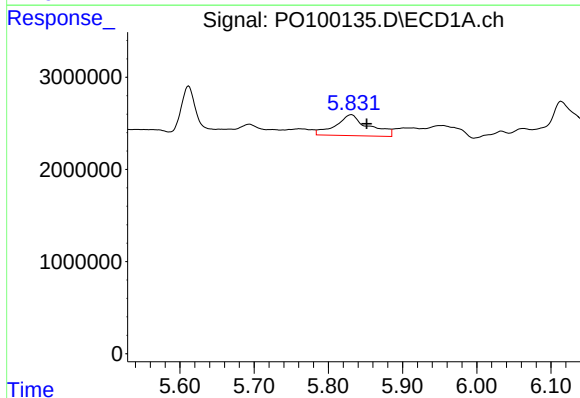
R.T.: 5.761 min
Delta R.T.: 0.009 min
Response: 1575201
Conc: 36.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



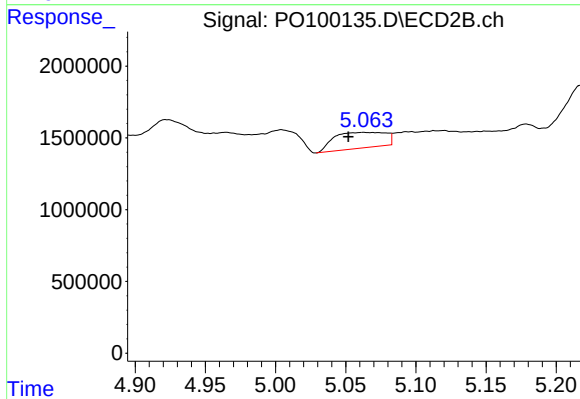
#5 AR-1016-3

R.T.: 5.004 min
Delta R.T.: -0.006 min
Response: 1599573
Conc: 68.97 ng/ml



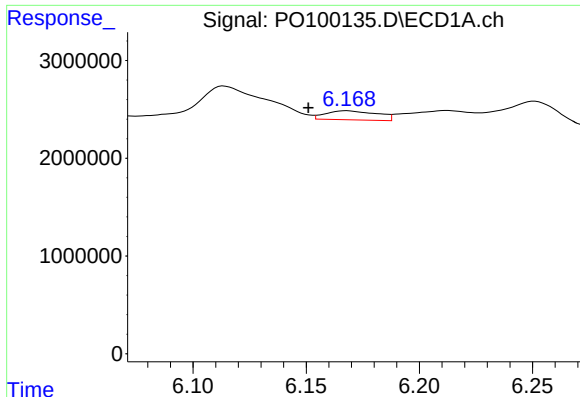
#6 AR-1016-4

R.T.: 5.831 min
Delta R.T.: -0.021 min
Response: 7070196
Conc: 214.19 ng/ml



#6 AR-1016-4

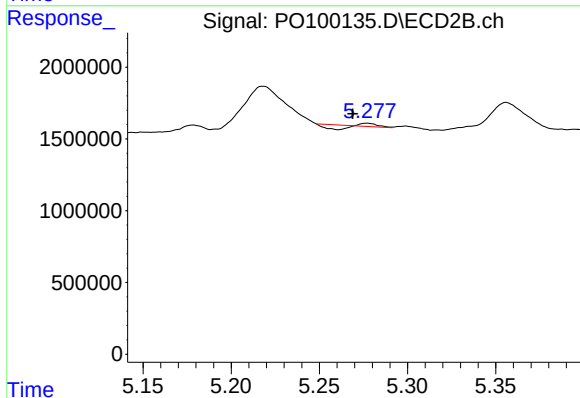
R.T.: 5.063 min
Delta R.T.: 0.011 min
Response: 2823370
Conc: 137.72 ng/ml



#7 AR-1016-5

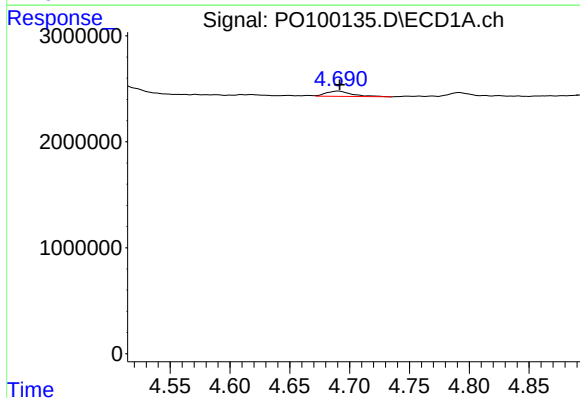
R.T.: 6.168 min
Delta R.T.: 0.017 min
Response: 1468506
Conc: 46.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



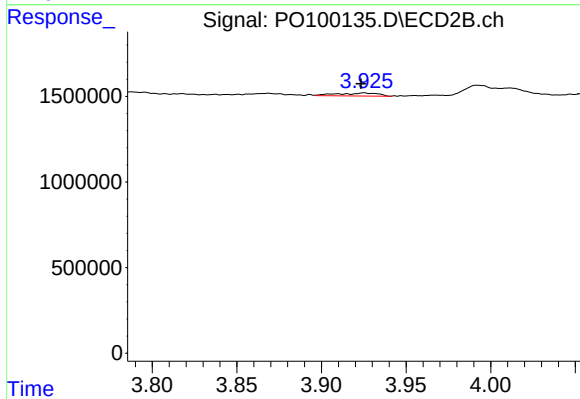
#7 AR-1016-5

R.T.: 5.277 min
Delta R.T.: 0.008 min
Response: 10360
Conc: 0.41 ng/ml



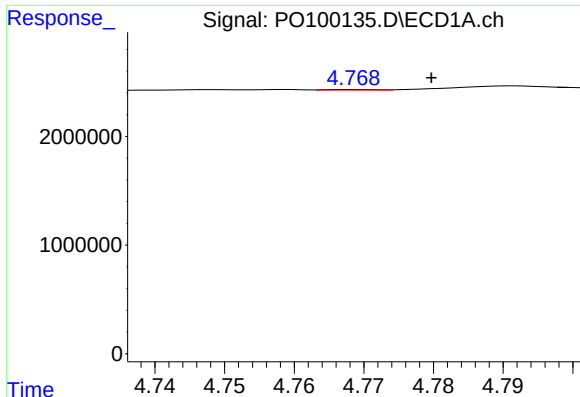
#8 AR-1221-1

R.T.: 4.691 min
Delta R.T.: -0.001 min
Response: 724363
Conc: 35.14 ng/ml



#8 AR-1221-1

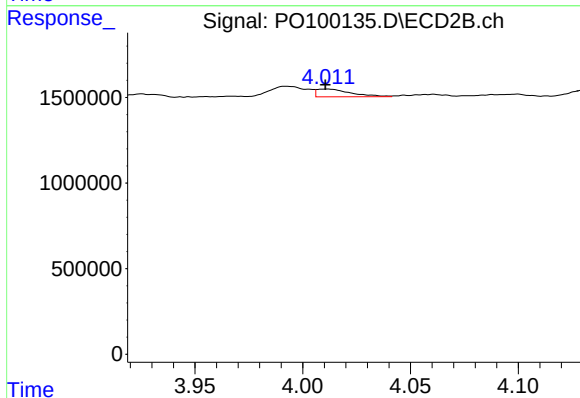
R.T.: 3.925 min
Delta R.T.: 0.002 min
Response: 288605
Conc: 15.18 ng/ml



#9 AR-1221-2

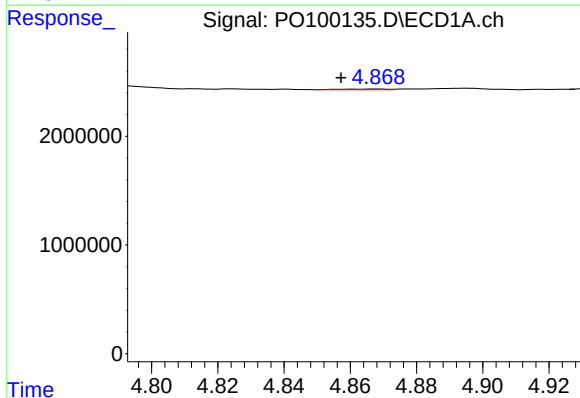
R.T.: 4.769 min
Delta R.T.: -0.011 min
Response: 33692
Conc: 2.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



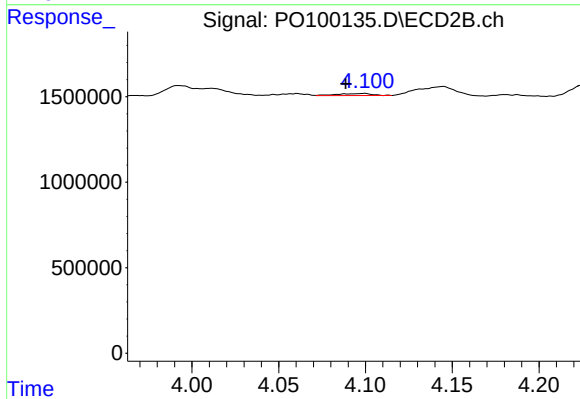
#9 AR-1221-2

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 493572
Conc: 37.88 ng/ml



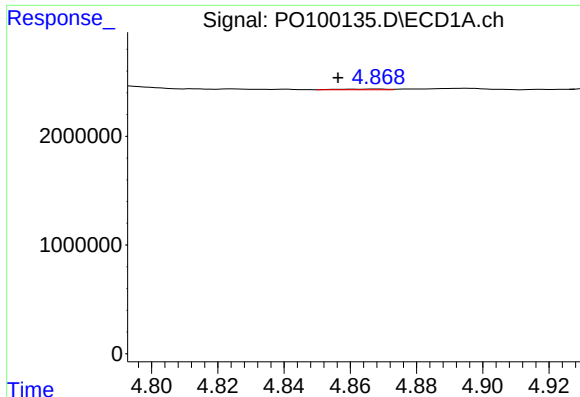
#10 AR-1221-3

R.T.: 4.868 min
Delta R.T.: 0.011 min
Response: 71797
Conc: 1.60 ng/ml



#10 AR-1221-3

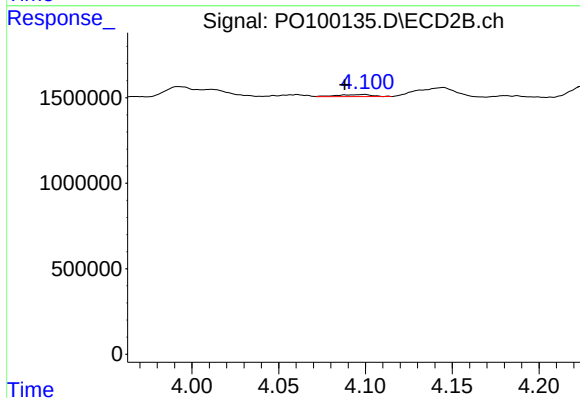
R.T.: 4.099 min
Delta R.T.: 0.011 min
Response: 166093
Conc: 4.62 ng/ml



#11 AR-1232-1

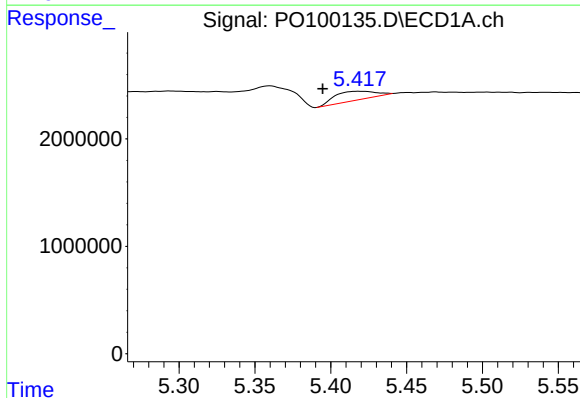
R.T.: 4.868 min
Delta R.T.: 0.012 min
Response: 71797
Conc: 2.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



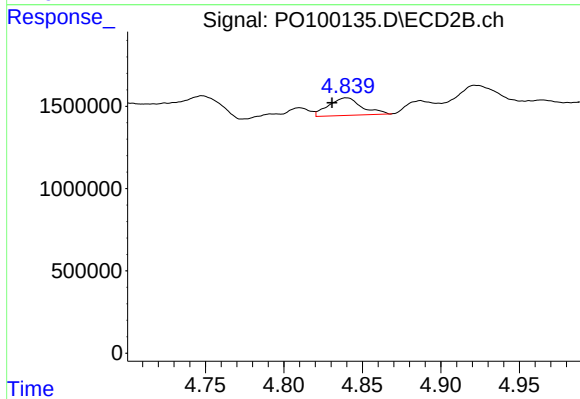
#11 AR-1232-1

R.T.: 4.099 min
Delta R.T.: 0.011 min
Response: 166093
Conc: 5.66 ng/ml



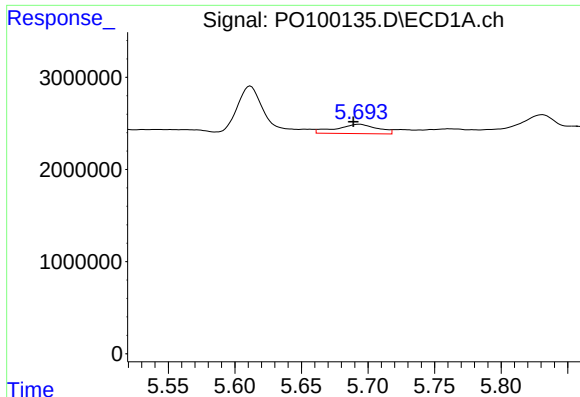
#12 AR-1232-2

R.T.: 5.419 min
Delta R.T.: 0.024 min
Response: 1524982
Conc: 87.62 ng/ml



#12 AR-1232-2

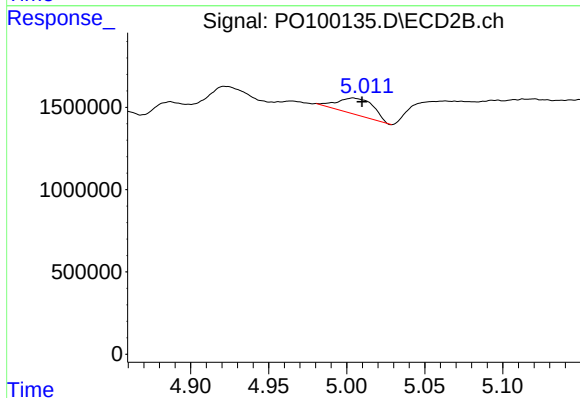
R.T.: 4.840 min
Delta R.T.: 0.009 min
Response: 1573994
Conc: 79.37 ng/ml



#13 AR-1232-3

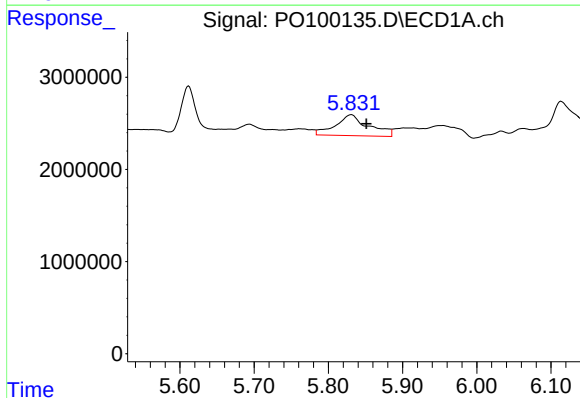
R.T.: 5.693 min
Delta R.T.: 0.004 min
Response: 2186881
Conc: 77.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



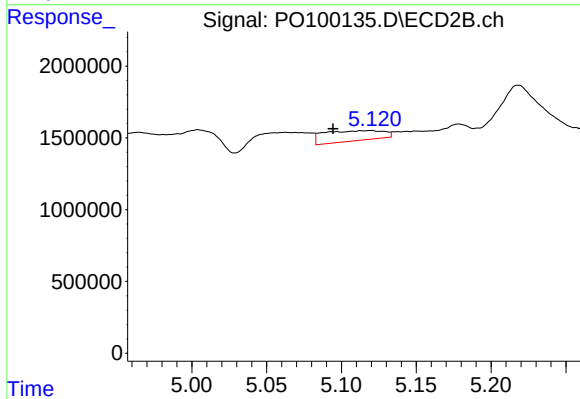
#13 AR-1232-3

R.T.: 5.004 min
Delta R.T.: -0.006 min
Response: 1599573
Conc: 154.35 ng/ml



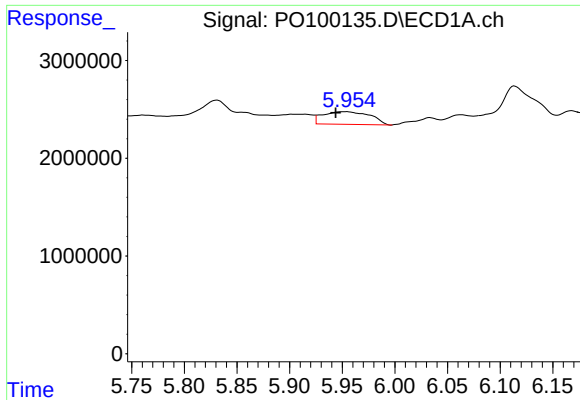
#14 AR-1232-4

R.T.: 5.831 min
Delta R.T.: -0.021 min
Response: 7070196
Conc: 508.95 ng/ml



#14 AR-1232-4

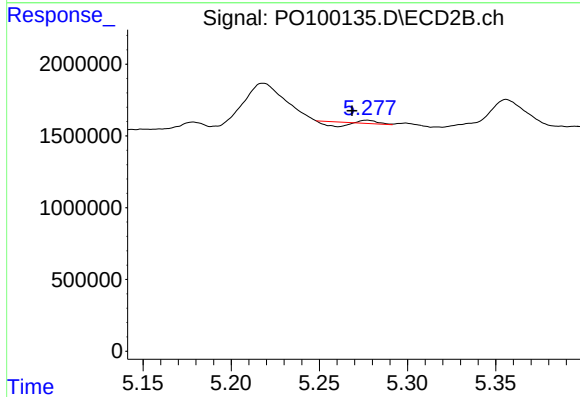
R.T.: 5.120 min
Delta R.T.: 0.025 min
Response: 1956722
Conc: 196.86 ng/ml



#15 AR-1232-5

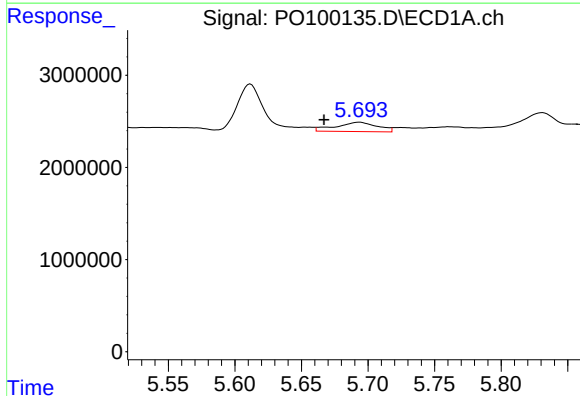
R.T.: 5.953 min
Delta R.T.: 0.009 min
Response: 4049566
Conc: 329.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



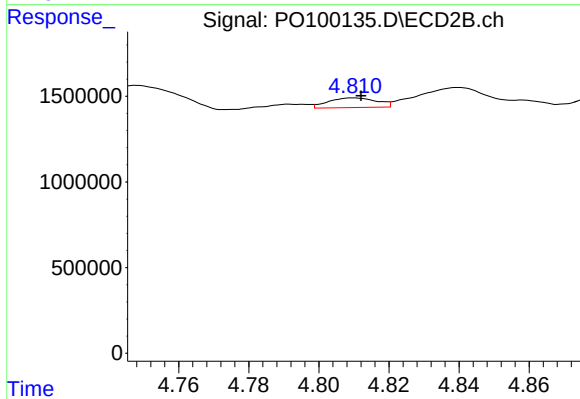
#15 AR-1232-5

R.T.: 5.277 min
Delta R.T.: 0.009 min
Response: 10360
Conc: 0.96 ng/ml



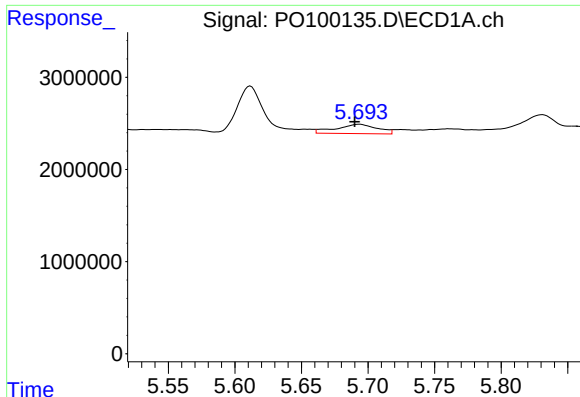
#16 AR-1242-1

R.T.: 5.693 min
Delta R.T.: 0.026 min
Response: 2186881
Conc: 63.13 ng/ml



#16 AR-1242-1

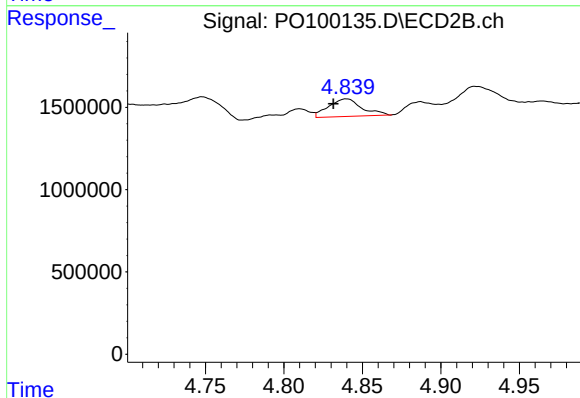
R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 539755
Conc: 20.54 ng/ml



#17 AR-1242-2

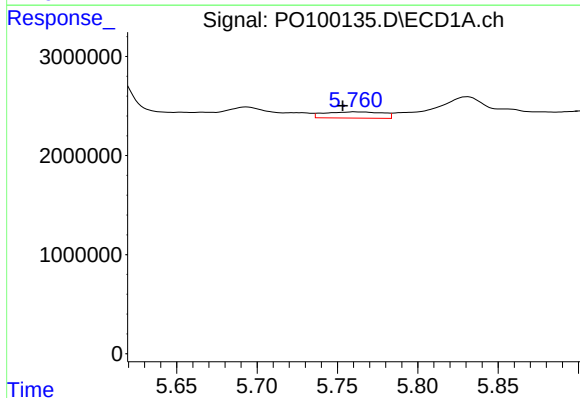
R.T.: 5.693 min
Delta R.T.: 0.003 min
Response: 2186881
Conc: 41.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



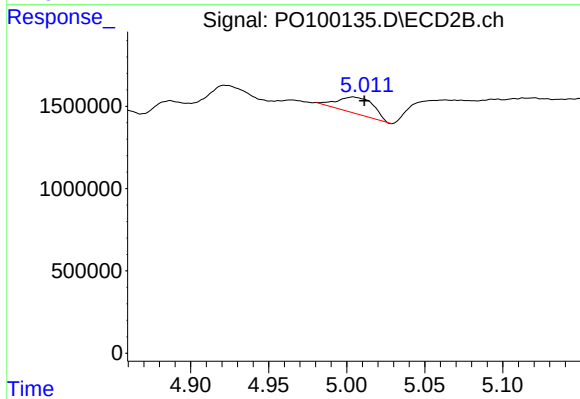
#17 AR-1242-2

R.T.: 4.840 min
Delta R.T.: 0.008 min
Response: 1573994
Conc: 44.76 ng/ml



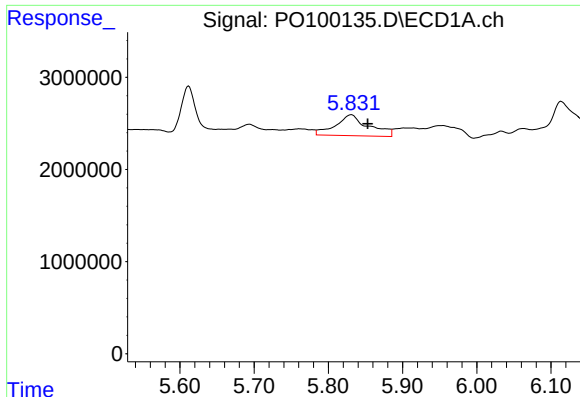
#18 AR-1242-3

R.T.: 5.761 min
Delta R.T.: 0.008 min
Response: 1575201
Conc: 45.26 ng/ml



#18 AR-1242-3

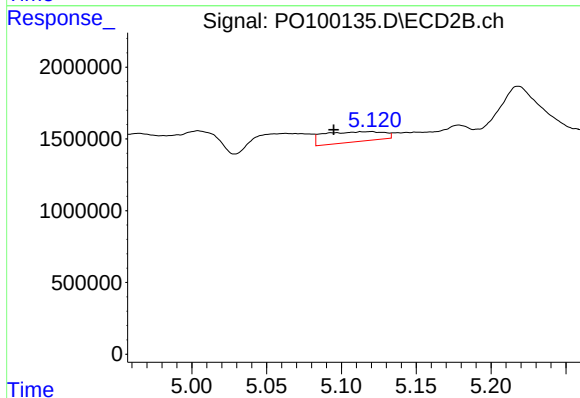
R.T.: 5.004 min
Delta R.T.: -0.007 min
Response: 1599573
Conc: 83.53 ng/ml



#19 AR-1242-4

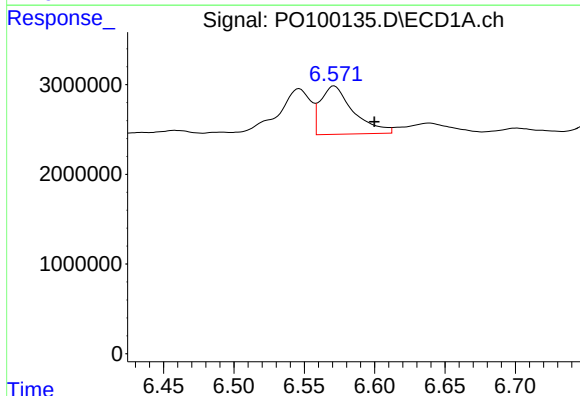
R.T.: 5.831 min
Delta R.T.: -0.022 min
Response: 7070196
Conc: 268.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



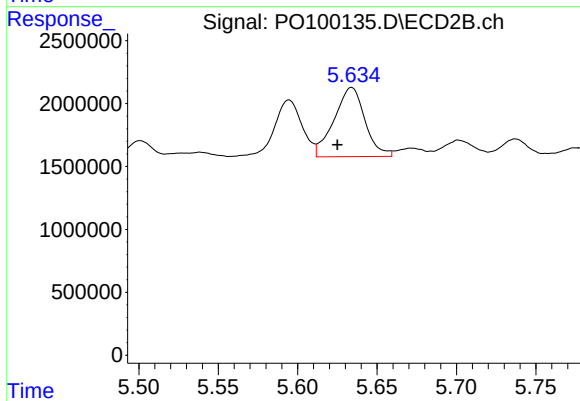
#19 AR-1242-4

R.T.: 5.120 min
Delta R.T.: 0.025 min
Response: 1956722
Conc: 97.15 ng/ml



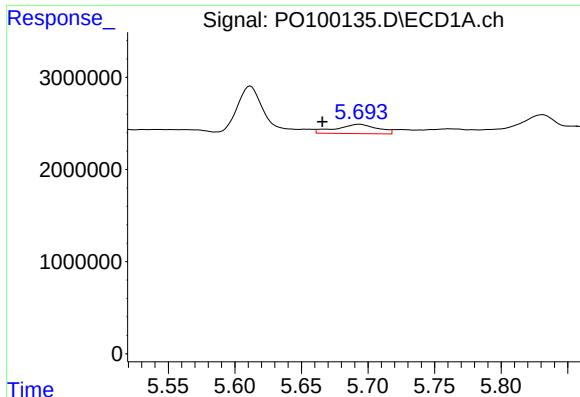
#20 AR-1242-5

R.T.: 6.571 min
Delta R.T.: -0.028 min
Response: 8771660
Conc: 392.31 ng/ml



#20 AR-1242-5

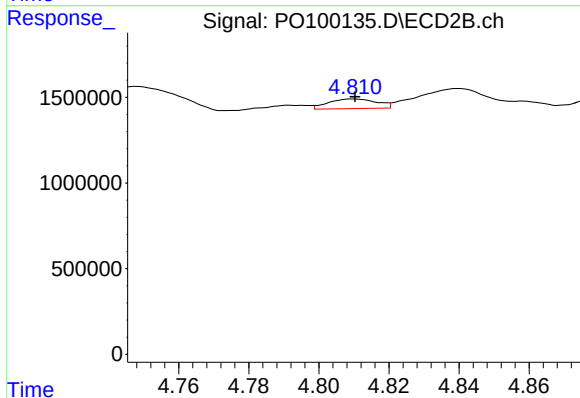
R.T.: 5.634 min
Delta R.T.: 0.009 min
Response: 7446046
Conc: 318.67 ng/ml



#21 AR-1248-1

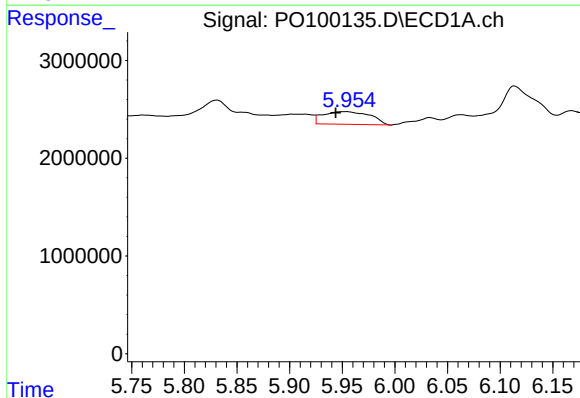
R.T.: 5.693 min
Delta R.T.: 0.028 min
Response: 2186881
Conc: 84.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



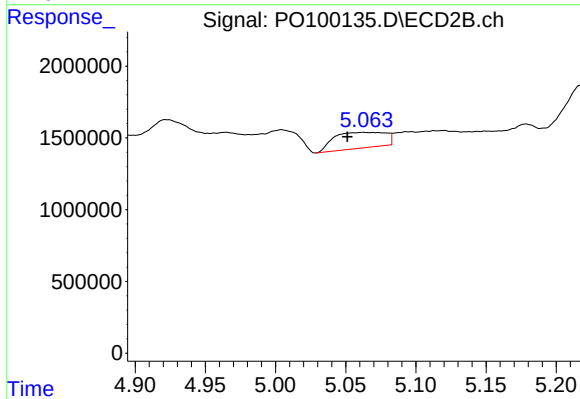
#21 AR-1248-1

R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 539755
Conc: 27.00 ng/ml



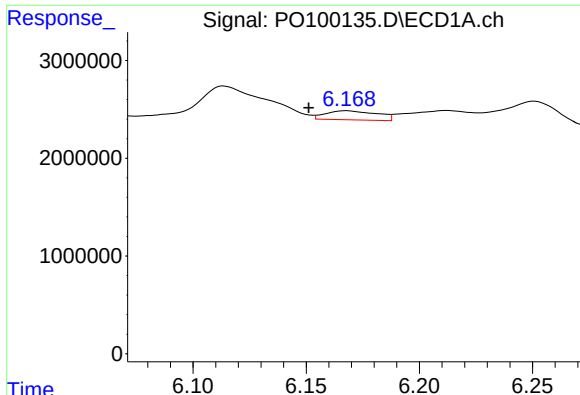
#22 AR-1248-2

R.T.: 5.953 min
Delta R.T.: 0.009 min
Response: 4049566
Conc: 99.02 ng/ml



#22 AR-1248-2

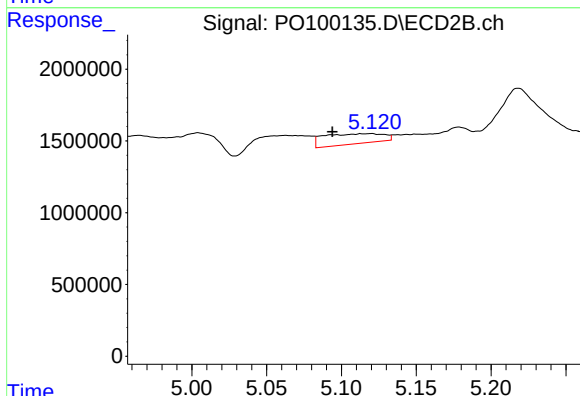
R.T.: 5.063 min
Delta R.T.: 0.012 min
Response: 2823370
Conc: 100.90 ng/ml



#23 AR-1248-3

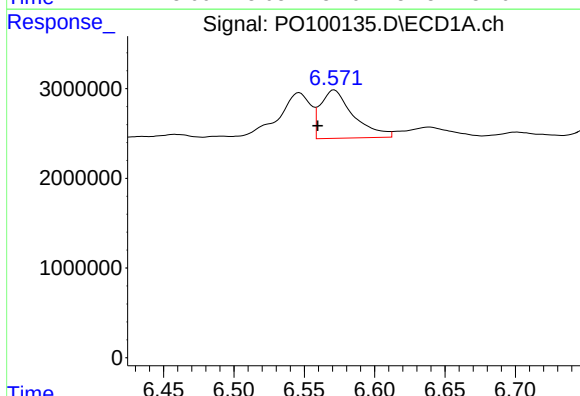
R.T.: 6.168 min
Delta R.T.: 0.017 min
Response: 1468506
Conc: 34.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



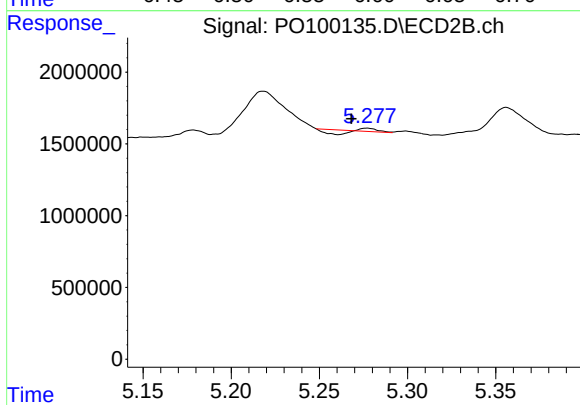
#23 AR-1248-3

R.T.: 5.120 min
Delta R.T.: 0.026 min
Response: 1956722
Conc: 67.76 ng/ml



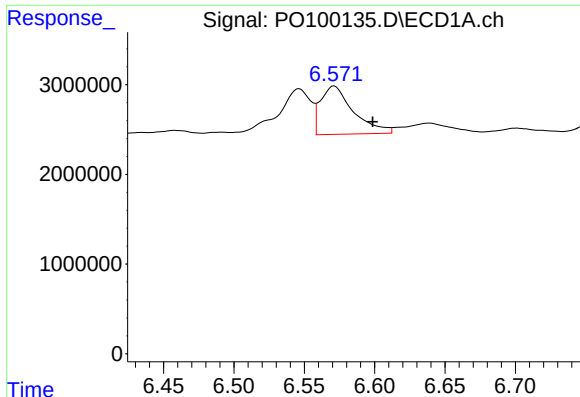
#24 AR-1248-4

R.T.: 6.571 min
Delta R.T.: 0.012 min
Response: 8771660
Conc: 232.72 ng/ml



#24 AR-1248-4

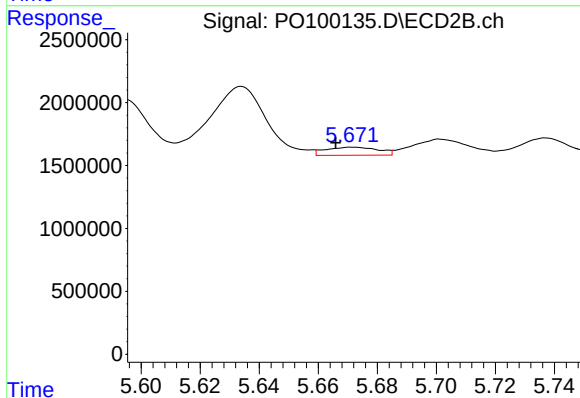
R.T.: 5.277 min
Delta R.T.: 0.009 min
Response: 10360
Conc: 0.32 ng/ml



#25 AR-1248-5

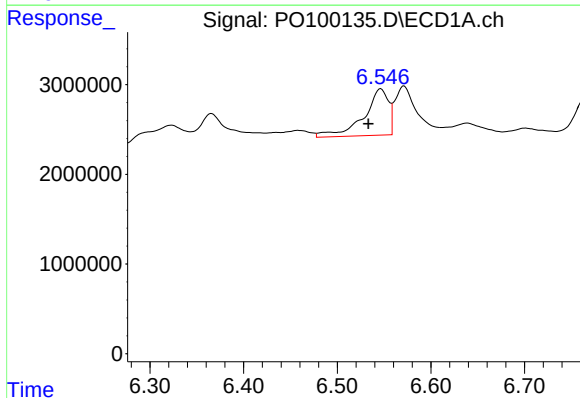
R.T.: 6.571 min
Delta R.T.: -0.027 min
Response: 8771660
Conc: 237.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



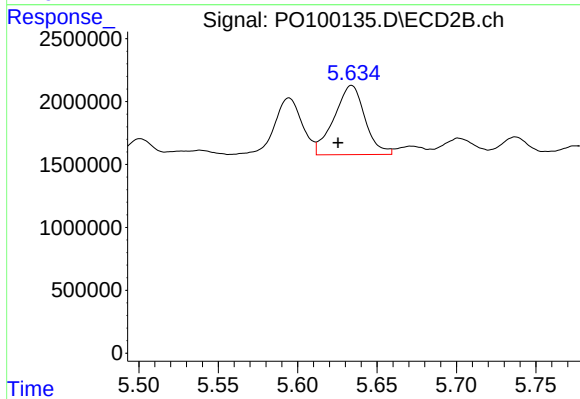
#25 AR-1248-5

R.T.: 5.672 min
Delta R.T.: 0.006 min
Response: 795205
Conc: 26.62 ng/ml



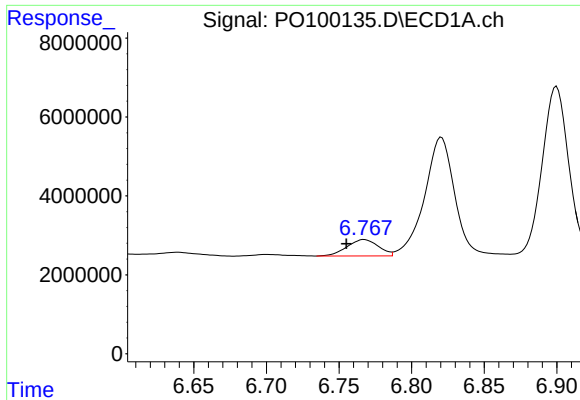
#26 AR-1254-1

R.T.: 6.546 min
Delta R.T.: 0.013 min
Response: 9470366
Conc: 196.67 ng/ml



#26 AR-1254-1

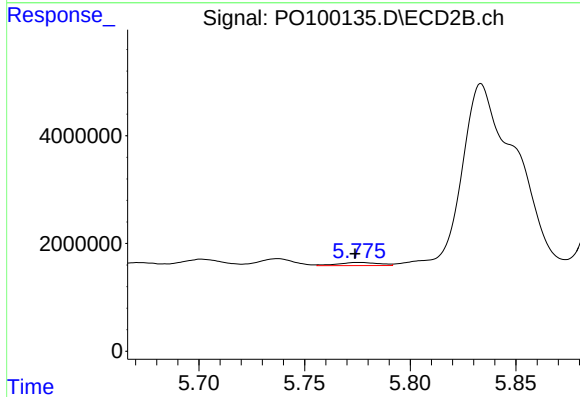
R.T.: 5.634 min
Delta R.T.: 0.009 min
Response: 7446046
Conc: 143.64 ng/ml



#27 AR-1254-2

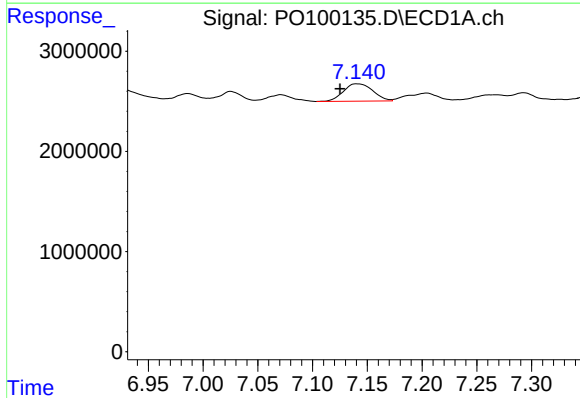
R.T.: 6.767 min
Delta R.T.: 0.012 min
Response: 6224120
Conc: 90.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



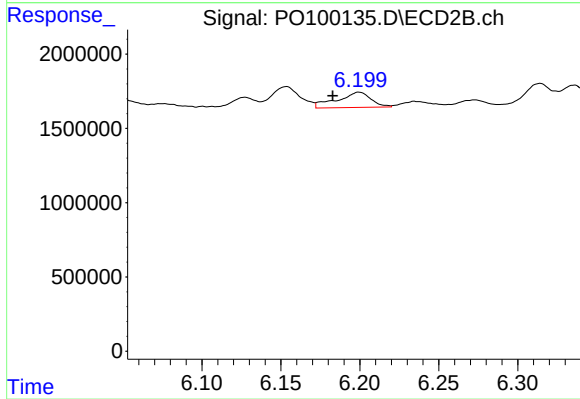
#27 AR-1254-2

R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 798130
Conc: 17.14 ng/ml



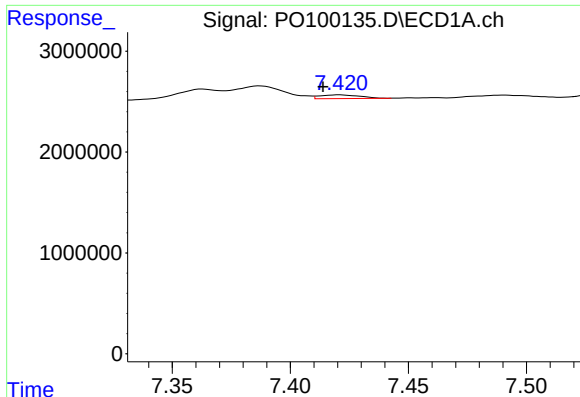
#28 AR-1254-3

R.T.: 7.141 min
Delta R.T.: 0.016 min
Response: 3235646
Conc: 50.79 ng/ml



#28 AR-1254-3

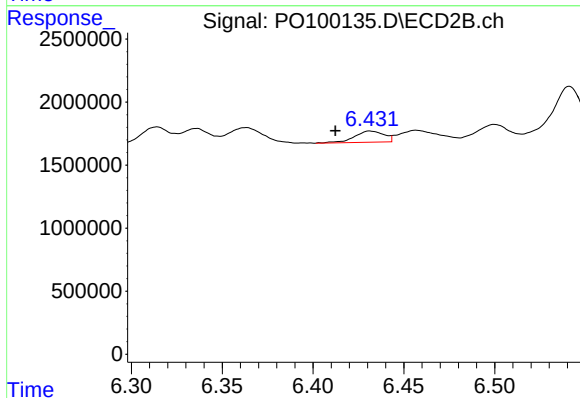
R.T.: 6.200 min
Delta R.T.: 0.017 min
Response: 1537063
Conc: 19.71 ng/ml



#29 AR-1254-4

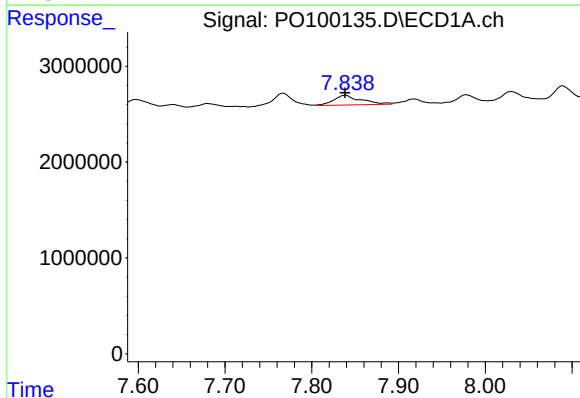
R.T.: 7.421 min
Delta R.T.: 0.007 min
Response: 447223
Conc: 11.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



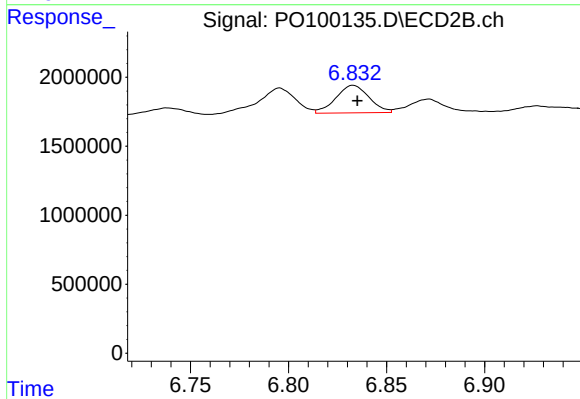
#29 AR-1254-4

R.T.: 6.432 min
Delta R.T.: 0.019 min
Response: 1007913
Conc: 23.62 ng/ml



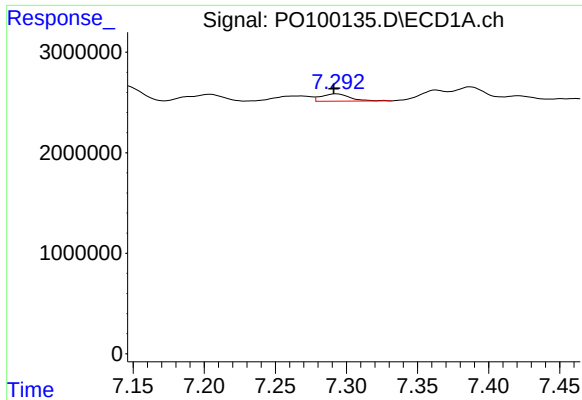
#30 AR-1254-5

R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 2253181
Conc: 52.64 ng/ml



#30 AR-1254-5

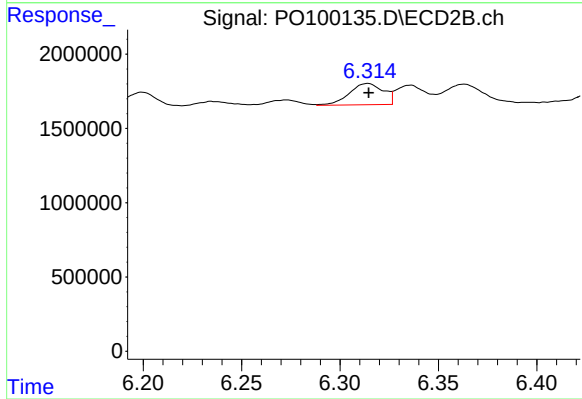
R.T.: 6.833 min
Delta R.T.: -0.002 min
Response: 2359029
Conc: 32.60 ng/ml



#31 AR-1260-1

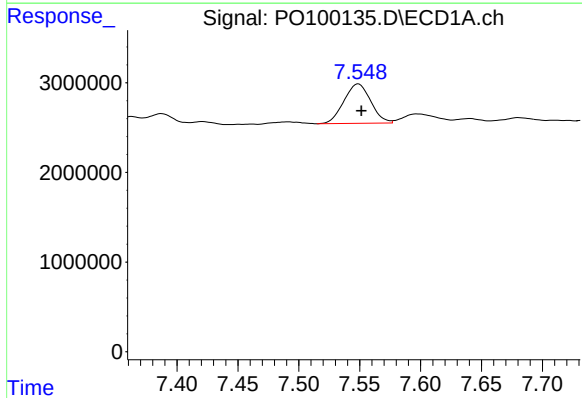
R.T.: 7.293 min
Delta R.T.: 0.002 min
Response: 1006344
Conc: 18.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



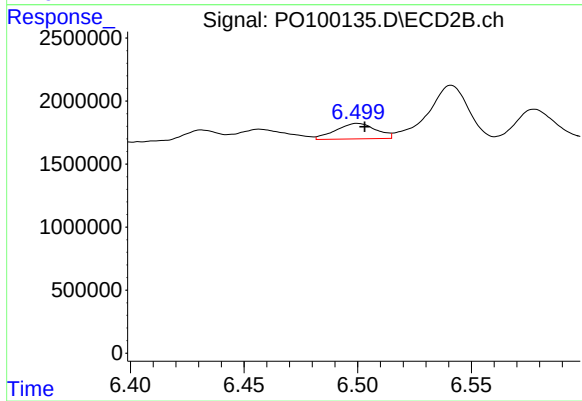
#31 AR-1260-1

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 1731264
Conc: 29.96 ng/ml



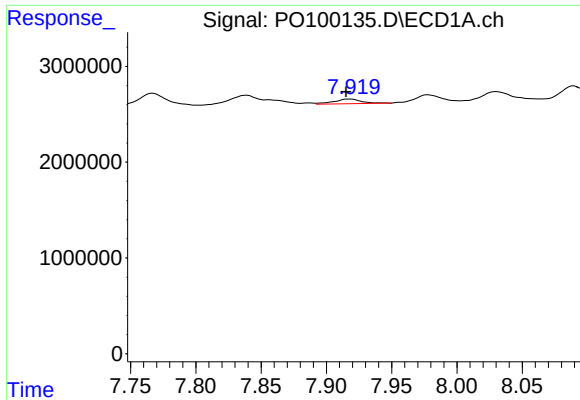
#32 AR-1260-2

R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 6744153
Conc: 127.50 ng/ml



#32 AR-1260-2

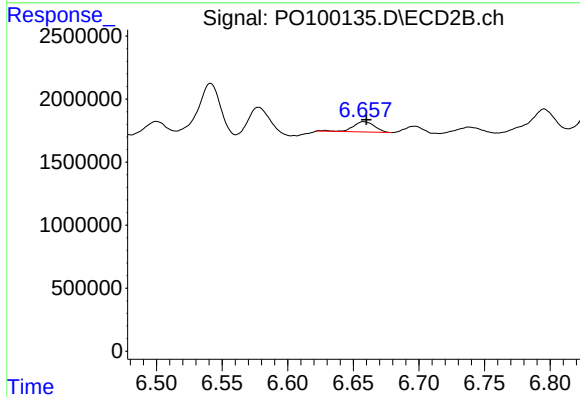
R.T.: 6.500 min
Delta R.T.: -0.003 min
Response: 1514737
Conc: 22.81 ng/ml



#33 AR-1260-3

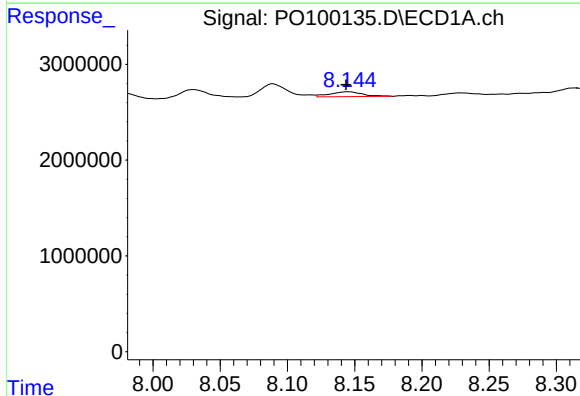
R.T.: 7.918 min
Delta R.T.: 0.003 min
Response: 717218
Conc: 20.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



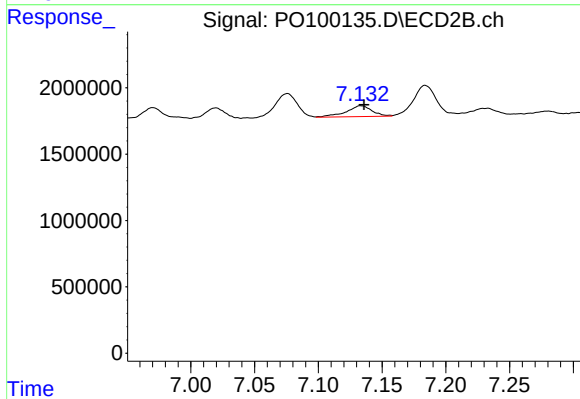
#33 AR-1260-3

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 922068
Conc: 14.41 ng/ml



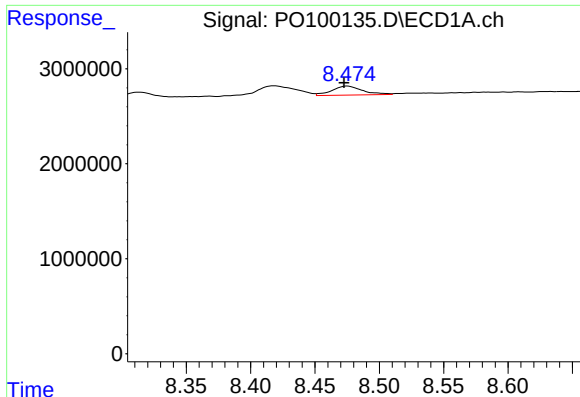
#34 AR-1260-4

R.T.: 8.145 min
Delta R.T.: 0.002 min
Response: 851053
Conc: 20.56 ng/ml



#34 AR-1260-4

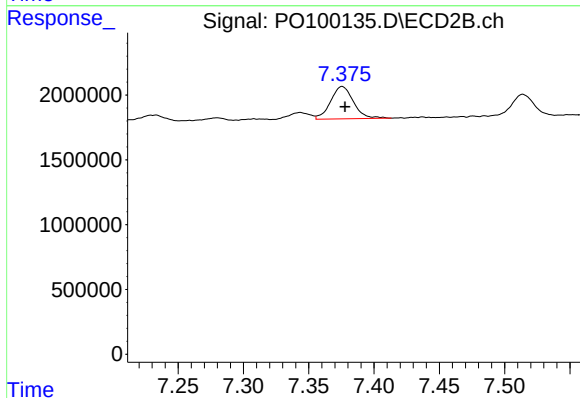
R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 1164170
Conc: 23.09 ng/ml



#35 AR-1260-5

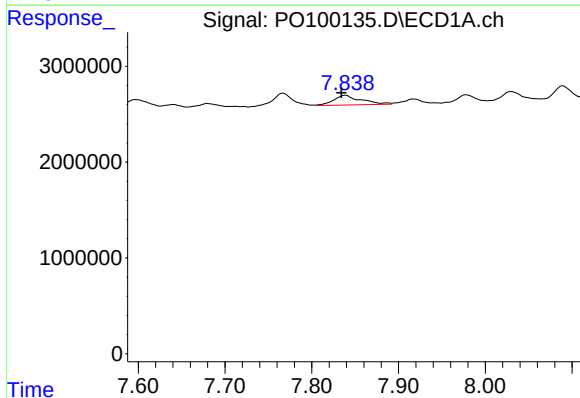
R.T.: 8.475 min
Delta R.T.: 0.002 min
Response: 1578366
Conc: 23.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



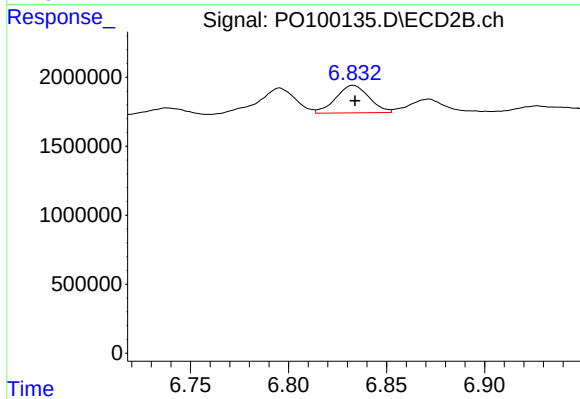
#35 AR-1260-5

R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 3050997
Conc: 27.22 ng/ml



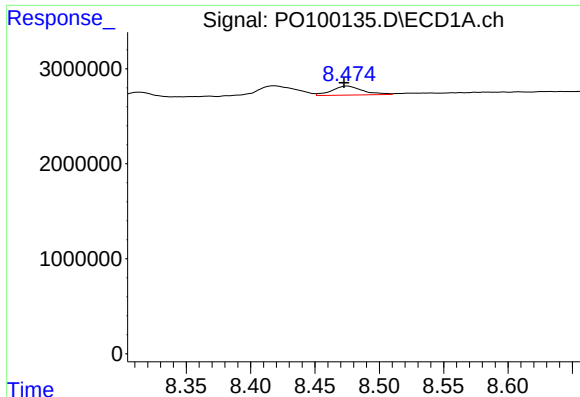
#36 AR-1262-1

R.T.: 7.839 min
Delta R.T.: 0.004 min
Response: 2253181
Conc: 62.29 ng/ml



#36 AR-1262-1

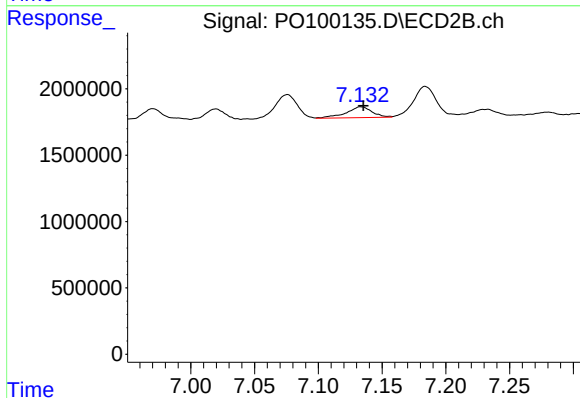
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 2359029
Conc: 61.72 ng/ml



#37 AR-1262-2

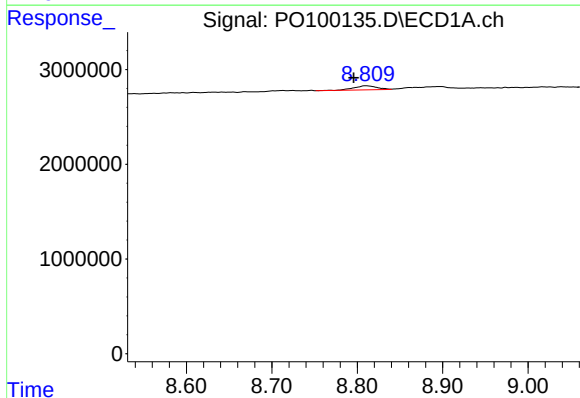
R.T.: 8.475 min
Delta R.T.: 0.003 min
Response: 1578366
Conc: 18.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



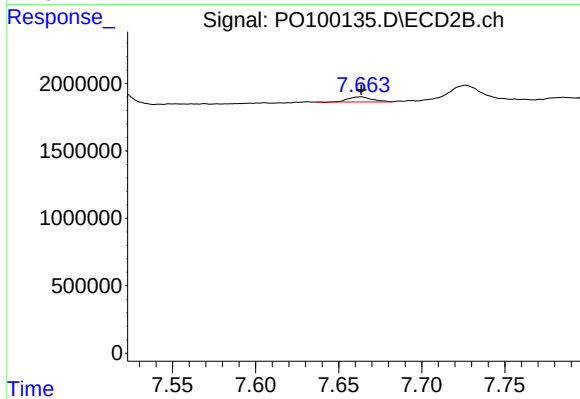
#37 AR-1262-2

R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 1164170
Conc: 15.43 ng/ml



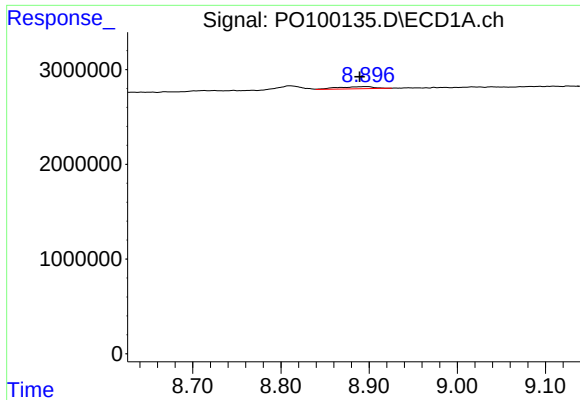
#38 AR-1262-3

R.T.: 8.811 min
Delta R.T.: 0.015 min
Response: 798107
Conc: 13.25 ng/ml



#38 AR-1262-3

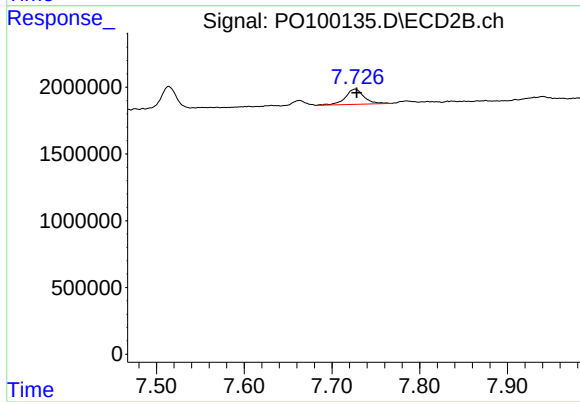
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 364225
Conc: 6.25 ng/ml



#39 AR-1262-4

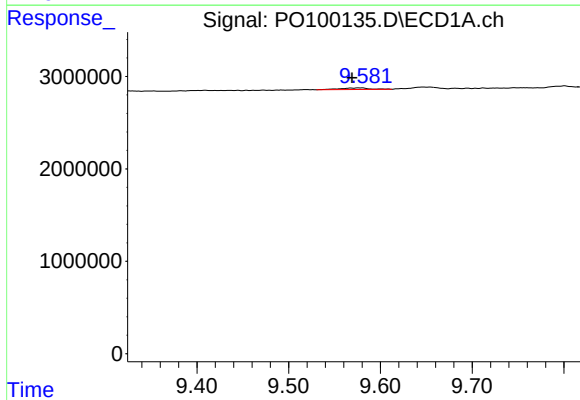
R.T.: 8.896 min
Delta R.T.: 0.007 min
Response: 655412
Conc: 13.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



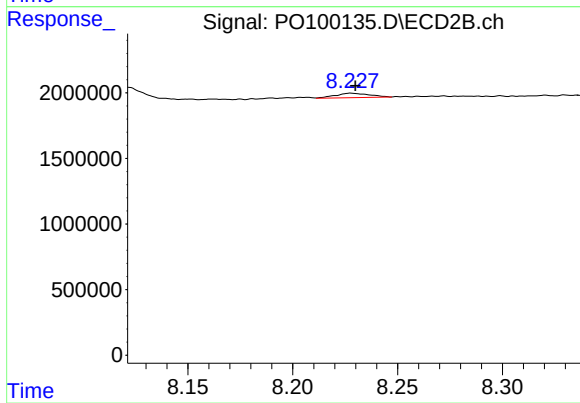
#39 AR-1262-4

R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 1704041
Conc: 16.58 ng/ml



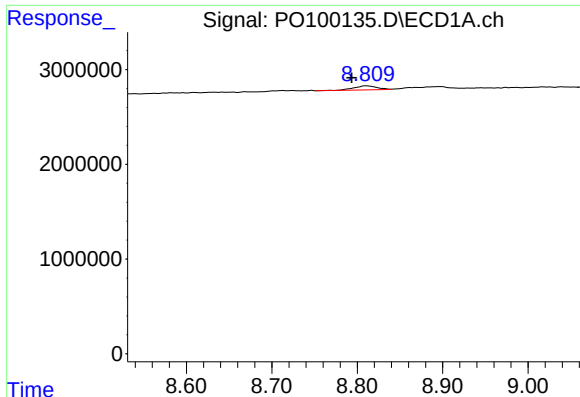
#40 AR-1262-5

R.T.: 9.578 min
Delta R.T.: 0.009 min
Response: 372492
Conc: 14.27 ng/ml



#40 AR-1262-5

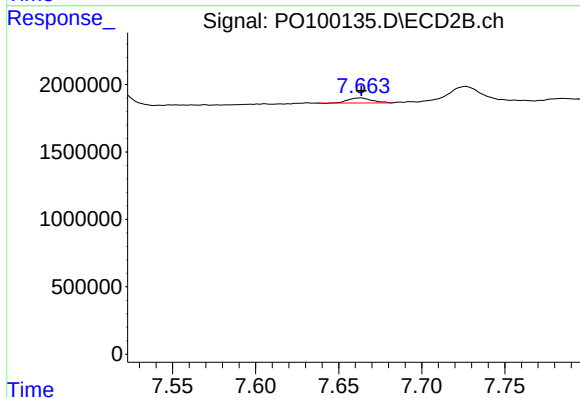
R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 380444
Conc: 8.73 ng/ml



#41 AR-1268-1

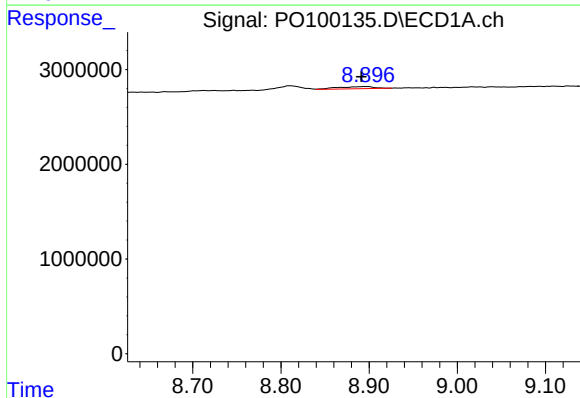
R.T.: 8.811 min
Delta R.T.: 0.017 min
Response: 798107
Conc: 7.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



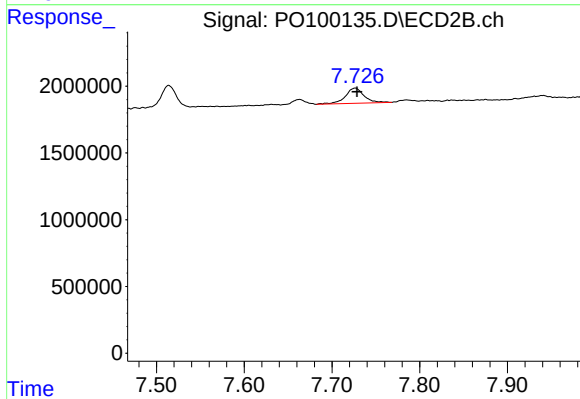
#41 AR-1268-1

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 364225
Conc: 2.19 ng/ml



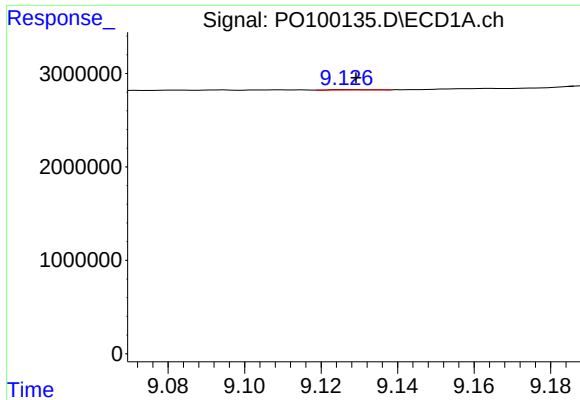
#42 AR-1268-2

R.T.: 8.896 min
Delta R.T.: 0.005 min
Response: 655412
Conc: 6.81 ng/ml



#42 AR-1268-2

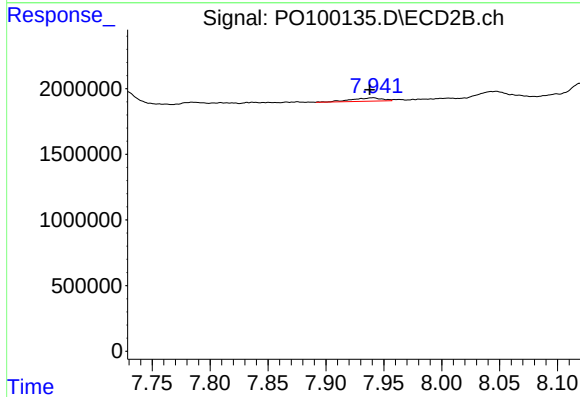
R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 1704041
Conc: 11.16 ng/ml



#43 AR-1268-3

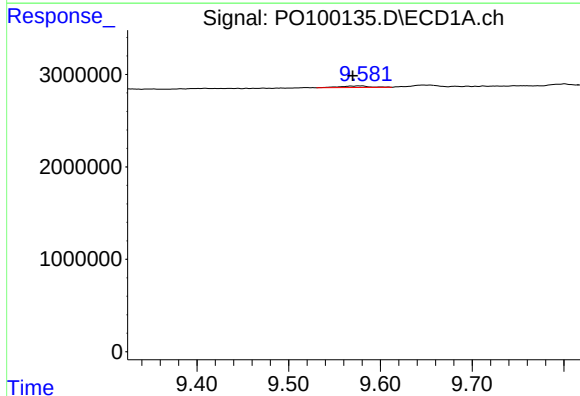
R.T.: 9.127 min
Delta R.T.: -0.002 min
Response: 23862
Conc: 0.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



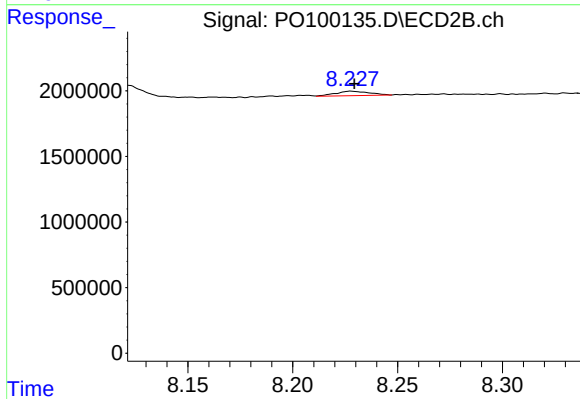
#43 AR-1268-3

R.T.: 7.941 min
Delta R.T.: 0.003 min
Response: 455302
Conc: 3.18 ng/ml



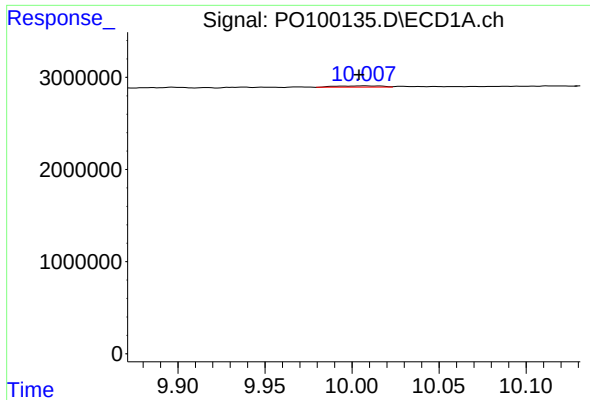
#44 AR-1268-4

R.T.: 9.578 min
Delta R.T.: 0.008 min
Response: 372492
Conc: 13.10 ng/ml



#44 AR-1268-4

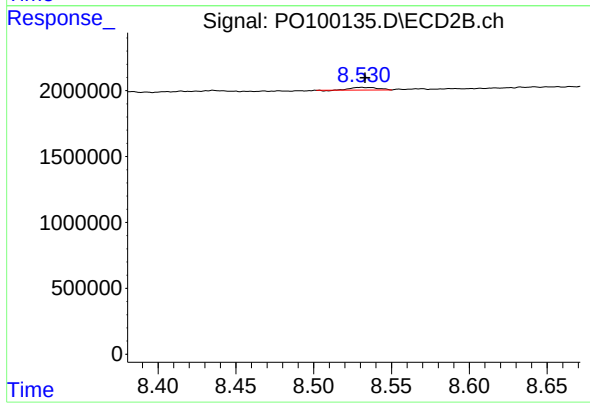
R.T.: 8.228 min
Delta R.T.: -0.001 min
Response: 380444
Conc: 8.10 ng/ml



#45 AR-1268-5

R.T.: 10.007 min
Delta R.T.: 0.003 min
Response: 241879
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.530 min
Delta R.T.: -0.003 min
Response: 236952
Conc: 0.60 ng/ml