

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031423\
 Data File : P0093102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 14:09
 Operator : YP/AJ
 Sample : 01895-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 21:35:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.431	3.637	6255552	1736371	1.998	1.540
2)	SA Decachlor...	10.275	8.673	5837645	3523653	2.697	3.599 #
Target Compounds							
3)	L1 AR-1016-1	5.608	4.739	2726414	2280247	28.533	63.702 #
4)	L1 AR-1016-2	5.634	4.739	4135942	2280247	28.965	43.939 #
5)	L1 AR-1016-3	5.690	4.919	4525831	456768	49.880	16.510 #
6)	L1 AR-1016-4	5.793	4.965	559628	685775	8.260	27.581 #
7)	L1 AR-1016-5	6.089	5.176	1182101	269466	15.788	8.514 #
8)	L2 AR-1221-1	4.644	3.845	1549666	678112	38.337	46.116
9)	L2 AR-1221-2	4.711	3.964	5409131	500102	178.491	45.794 #
10)	L2 AR-1221-3	4.804	4.010	3193604	912238	34.933	26.778
11)	L3 AR-1232-1	4.804	4.010	3193604	912238	43.743	32.298 #
12)	L3 AR-1232-2	5.340	4.739	1957560	2280247	54.443	92.541 #
13)	L3 AR-1232-3	5.634	4.919	4135942	456768	63.178	36.103 #
14)	L3 AR-1232-4	5.793	5.004	559628	726081	18.278	56.691 #
15)	L3 AR-1232-5	5.888	5.176	921136	269466	33.196	19.214 #
16)	L4 AR-1242-1	5.608	4.739	2726414	2280247	33.264	75.041 #
17)	L4 AR-1242-2	5.634	4.739	4135942	2280247	34.460	51.359 #
18)	L4 AR-1242-3	5.690	4.919	4525831	456768	58.970	19.537 #
19)	L4 AR-1242-4	5.793	5.004	559628	726081	9.765	27.872 #
20)	L4 AR-1242-5	6.553	5.545	1204513	423558	19.275	14.827
21)	L5 AR-1248-1	5.608	4.739	2726414	2280247	43.858	97.984 #
22)	L5 AR-1248-2	5.888	4.965	921136	685775	9.644	18.923 #
23)	L5 AR-1248-3	6.089	5.004	1182101	726081	11.360	19.348 #
24)	L5 AR-1248-4	6.481	5.176	1918760	269466	18.843	6.264 #
25)	L5 AR-1248-5	6.553	5.573	1204513	371275	11.767	10.095
26)	L6 AR-1254-1	6.481	5.545	1918760	423558	16.419	6.748 #
27)	L6 AR-1254-2	6.697	5.708	915491	574954	5.358	10.203 #
28)	L6 AR-1254-3	7.054	6.097	2594397	2212720	15.607	25.701 #
29)	L6 AR-1254-4	7.352	6.281	1015034	2006991	9.522	43.887 #
30)	L6 AR-1254-5	7.772	6.723	1311911	1856219	9.689	25.134 #
31)	L7 AR-1260-1	7.249	6.217	271365	311504	2.095	5.124 #
32)	L7 AR-1260-2	7.466	6.386	6996922	313014	47.397	4.330 #
33)	L7 AR-1260-3	7.831	6.573	1031284	2032961	9.169	30.402 #
34)	L7 AR-1260-4	8.080	7.043	4301564	7508436	33.544	136.439 #
35)	L7 AR-1260-5	8.386	7.279	12720515	1516592	56.932	12.882 #
36)	L8 AR-1262-1	7.772	6.723	1311911	1856219	13.198	49.673 #
37)	L8 AR-1262-2	8.386	7.279	12720515	1516592	53.599	12.736 #
38)	L8 AR-1262-3	8.697	7.626	1677020	903239	9.930	9.993
39)	L8 AR-1262-4	8.831	7.626	1656678	903239	18.498	9.993 #
40)	L8 AR-1262-5	9.524f	8.148	13037850	359383	136.508	8.782 #
41)	L9 AR-1268-1	8.697	7.566	1677020	777693	5.252	4.969

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Integration File signal 1: autoint1.e
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 Quant Time: Mar 14 21:35:31 2023
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 Response via : Initial Calibration
 Integrator: ChemStation

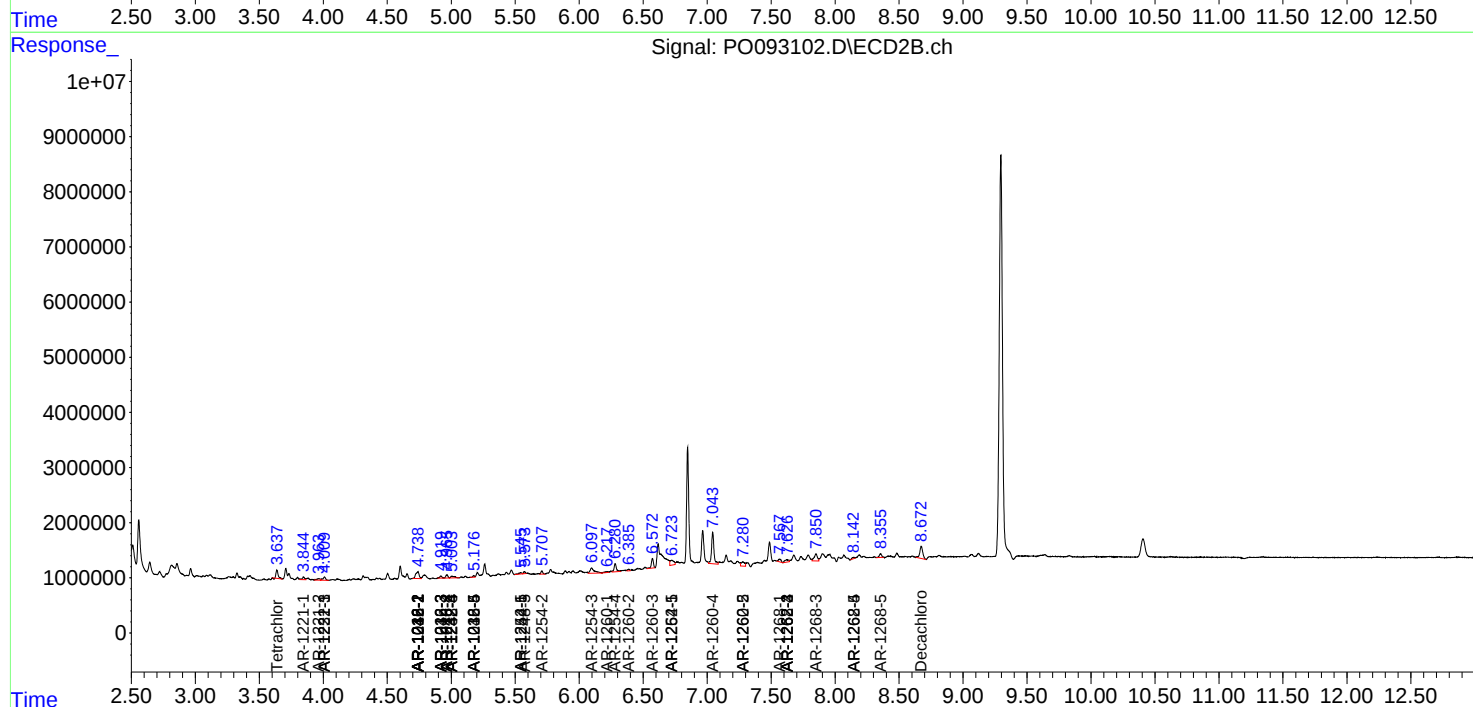
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

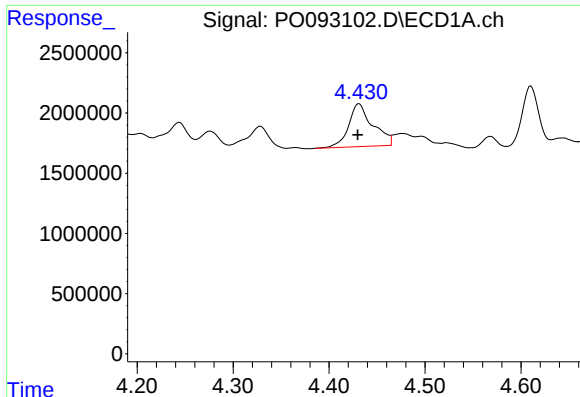
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.831	7.626	1656678	903239	5.706	6.469
43) L9	AR-1268-3	9.048	7.851	1327480	2299436	5.201	18.479 #
44) L9	AR-1268-4	9.524	8.148	13037850	359383	122.084	7.288 #
45) L9	AR-1268-5	0.000	8.355f	0	885282	N.D.	2.507 #

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

Instrument :
ECD_O
ClientSampleId :

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

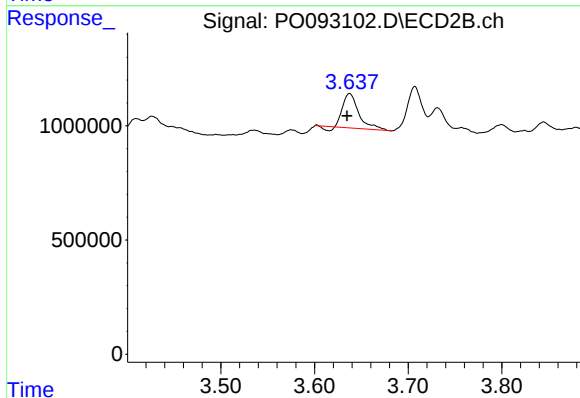




#1 Tetrachloro-m-xylene

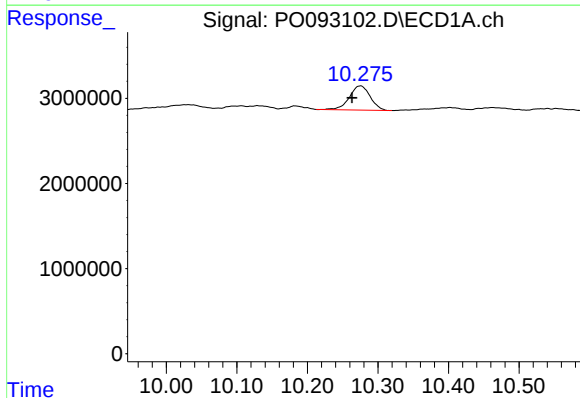
R.T.: 4.431 min
Delta R.T.: 0.001 min
Response: 6255552
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



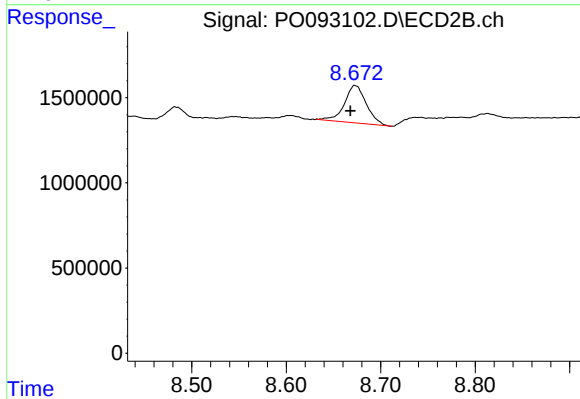
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: 0.003 min
Response: 1736371
Conc: 1.54 ng/ml



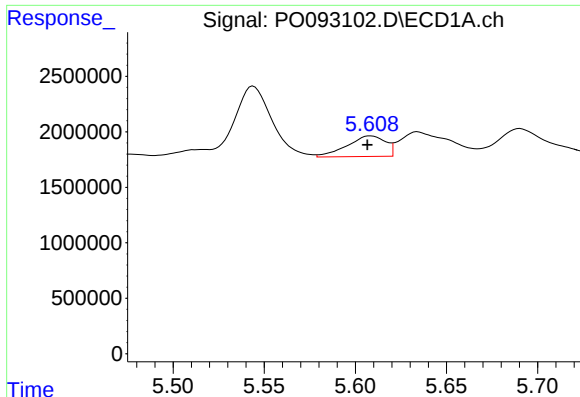
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.012 min
Response: 5837645
Conc: 2.70 ng/ml



#2 Decachlorobiphenyl

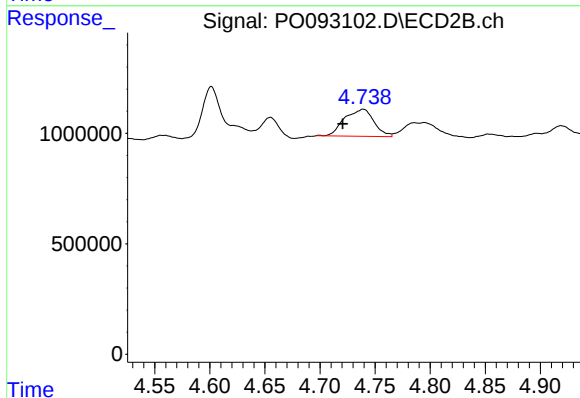
R.T.: 8.673 min
Delta R.T.: 0.005 min
Response: 3523653
Conc: 3.60 ng/ml



#3 AR-1016-1

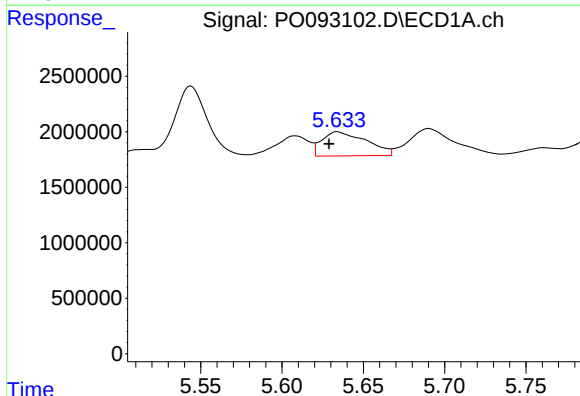
R.T.: 5.608 min
Delta R.T.: 0.002 min
Response: 2726414
Conc: 28.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



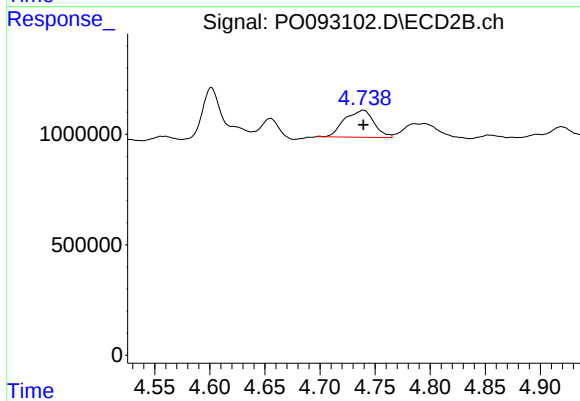
#3 AR-1016-1

R.T.: 4.739 min
Delta R.T.: 0.019 min
Response: 2280247
Conc: 63.70 ng/ml



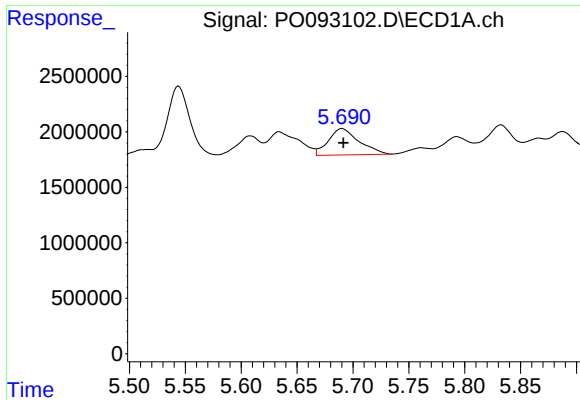
#4 AR-1016-2

R.T.: 5.634 min
Delta R.T.: 0.005 min
Response: 4135942
Conc: 28.96 ng/ml



#4 AR-1016-2

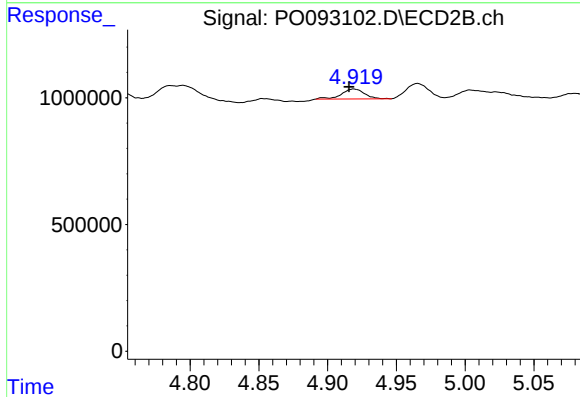
R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 2280247
Conc: 43.94 ng/ml



#5 AR-1016-3

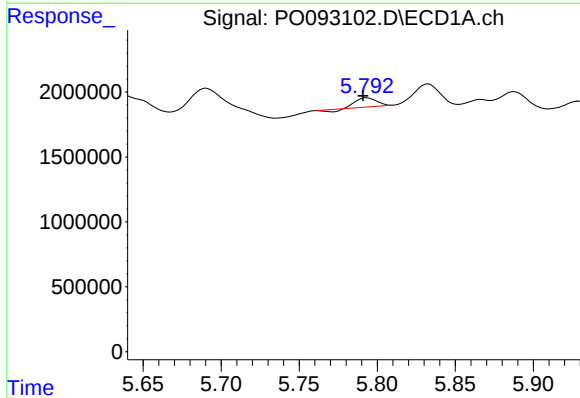
R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 4525831
Conc: 49.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



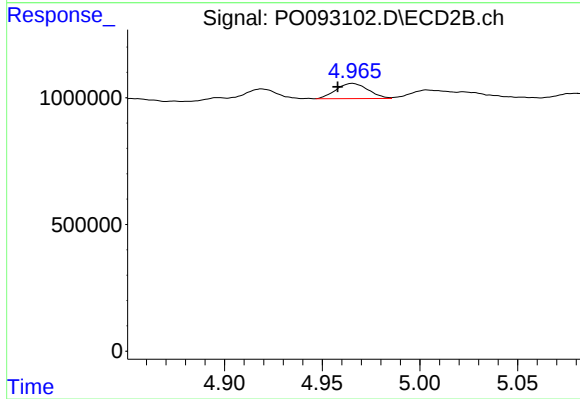
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: 0.003 min
Response: 456768
Conc: 16.51 ng/ml



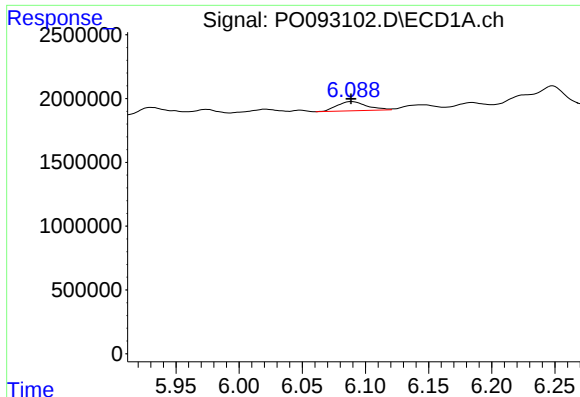
#6 AR-1016-4

R.T.: 5.793 min
Delta R.T.: 0.002 min
Response: 559628
Conc: 8.26 ng/ml



#6 AR-1016-4

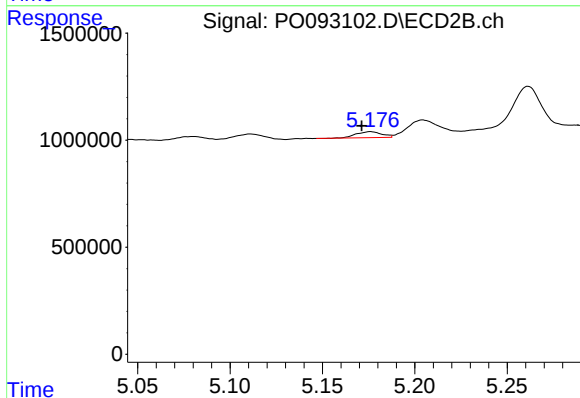
R.T.: 4.965 min
Delta R.T.: 0.007 min
Response: 685775
Conc: 27.58 ng/ml



#7 AR-1016-5

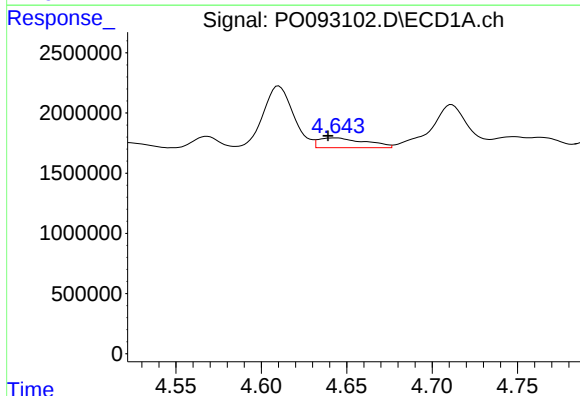
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 1182101
Conc: 15.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



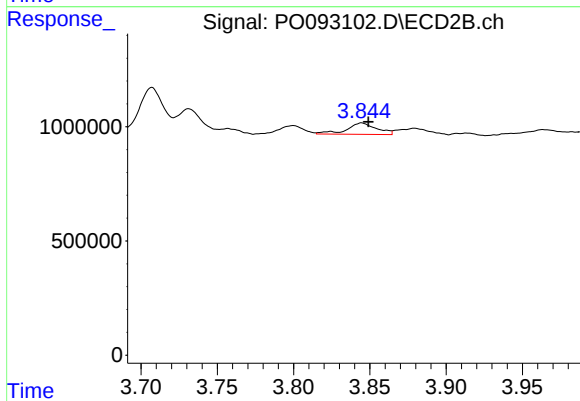
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.005 min
Response: 269466
Conc: 8.51 ng/ml



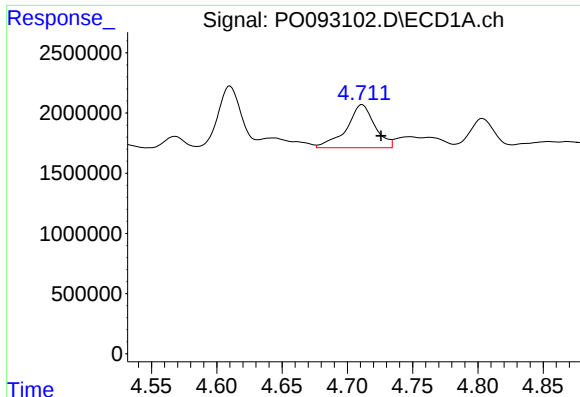
#8 AR-1221-1

R.T.: 4.644 min
Delta R.T.: 0.005 min
Response: 1549666
Conc: 38.34 ng/ml



#8 AR-1221-1

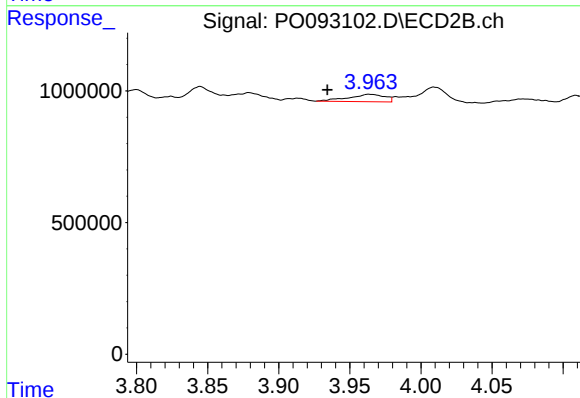
R.T.: 3.845 min
Delta R.T.: -0.004 min
Response: 678112
Conc: 46.12 ng/ml



#9 AR-1221-2

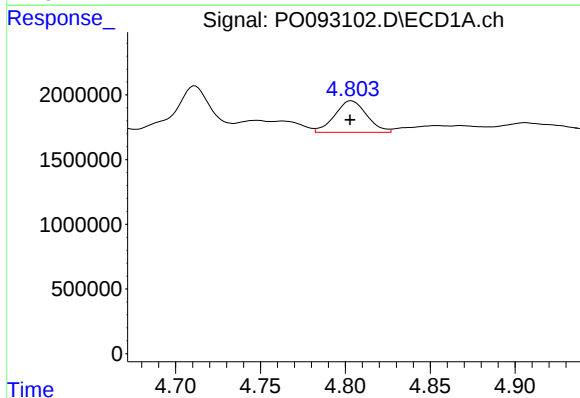
R.T.: 4.711 min
Delta R.T.: -0.014 min
Response: 5409131
Conc: 178.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



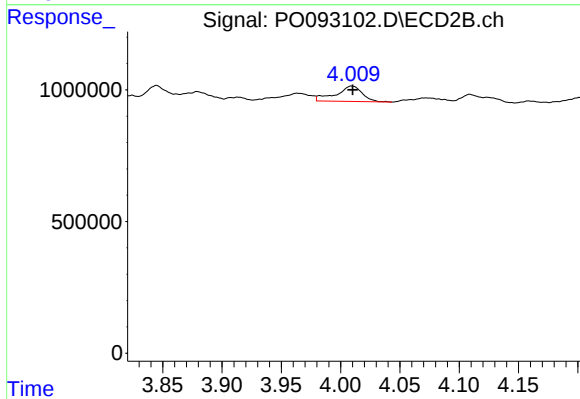
#9 AR-1221-2

R.T.: 3.964 min
Delta R.T.: 0.030 min
Response: 500102
Conc: 45.79 ng/ml



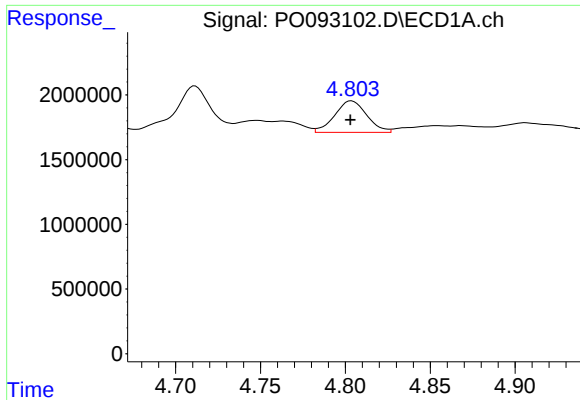
#10 AR-1221-3

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 3193604
Conc: 34.93 ng/ml



#10 AR-1221-3

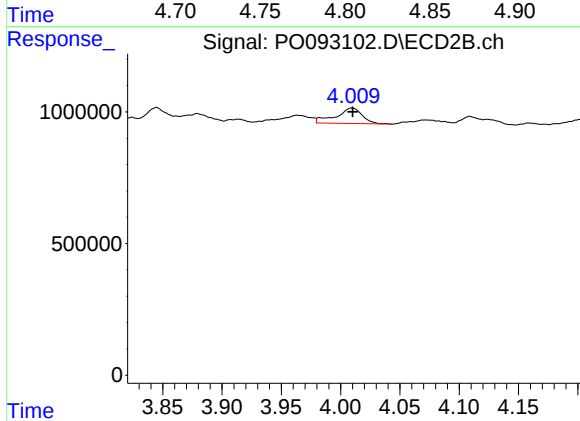
R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 912238
Conc: 26.78 ng/ml



#11 AR-1232-1

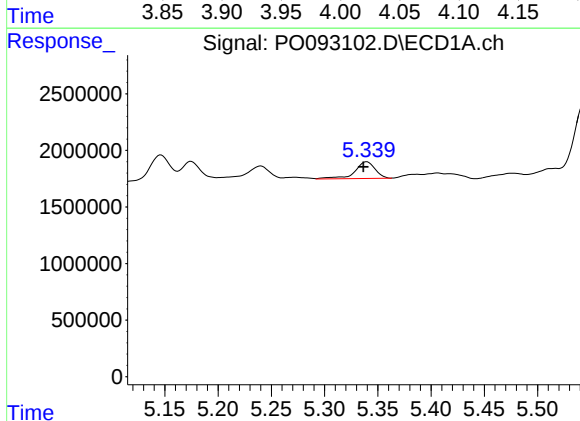
R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 3193604
Conc: 43.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



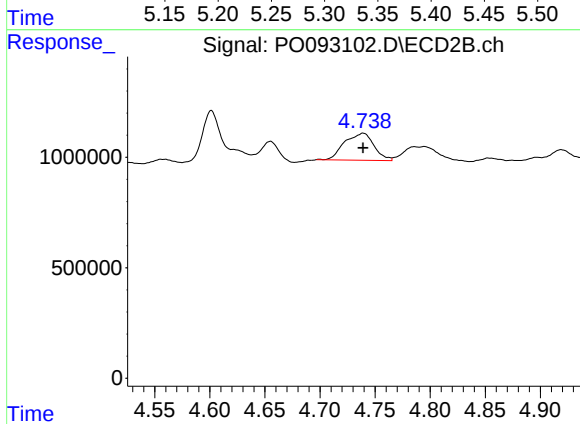
#11 AR-1232-1

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 912238
Conc: 32.30 ng/ml



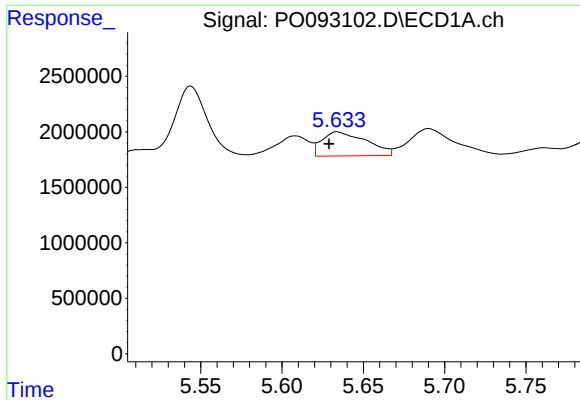
#12 AR-1232-2

R.T.: 5.340 min
Delta R.T.: 0.003 min
Response: 1957560
Conc: 54.44 ng/ml



#12 AR-1232-2

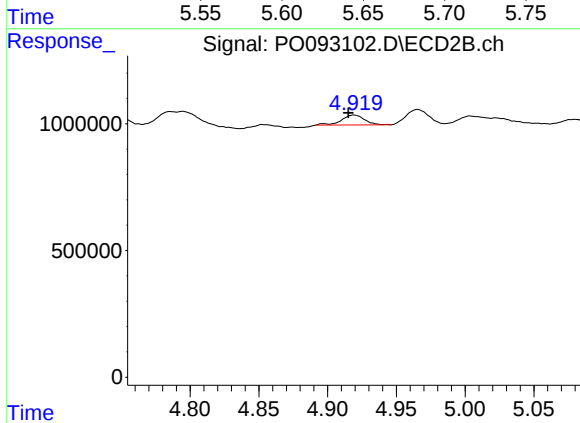
R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 2280247
Conc: 92.54 ng/ml



#13 AR-1232-3

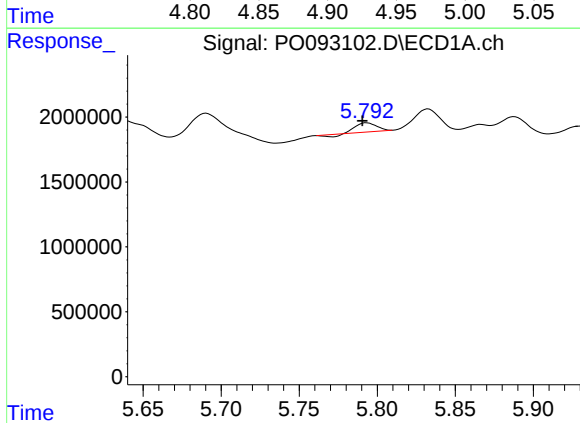
R.T.: 5.634 min
Delta R.T.: 0.005 min
Response: 4135942
Conc: 63.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



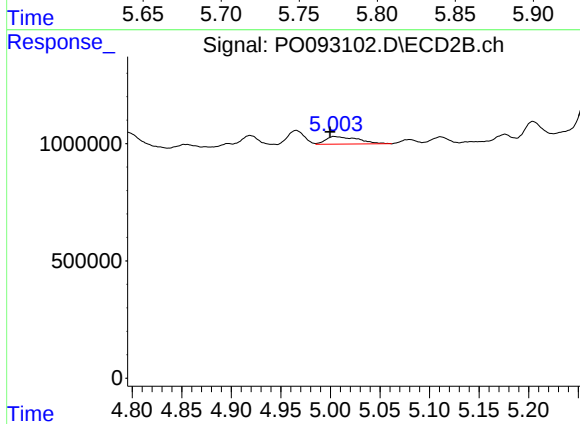
#13 AR-1232-3

R.T.: 4.919 min
Delta R.T.: 0.004 min
Response: 456768
Conc: 36.10 ng/ml



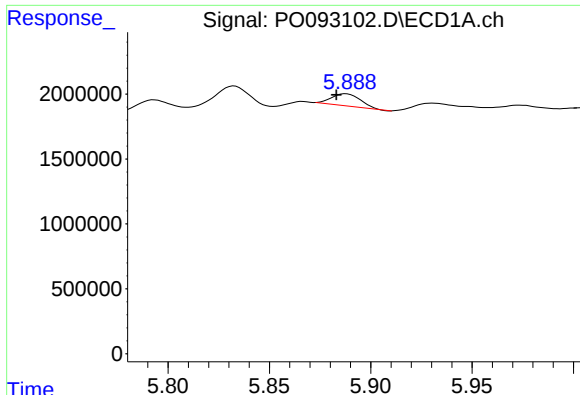
#14 AR-1232-4

R.T.: 5.793 min
Delta R.T.: 0.003 min
Response: 559628
Conc: 18.28 ng/ml



#14 AR-1232-4

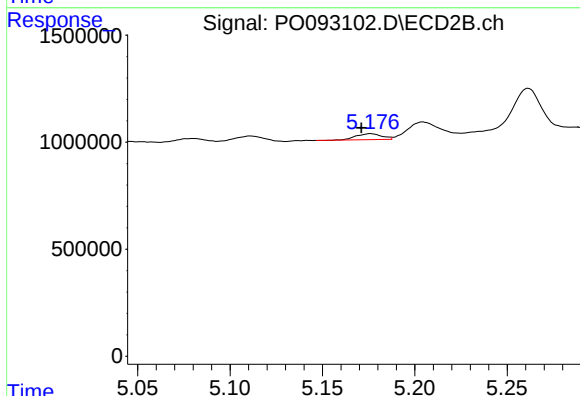
R.T.: 5.004 min
Delta R.T.: 0.004 min
Response: 726081
Conc: 56.69 ng/ml



#15 AR-1232-5

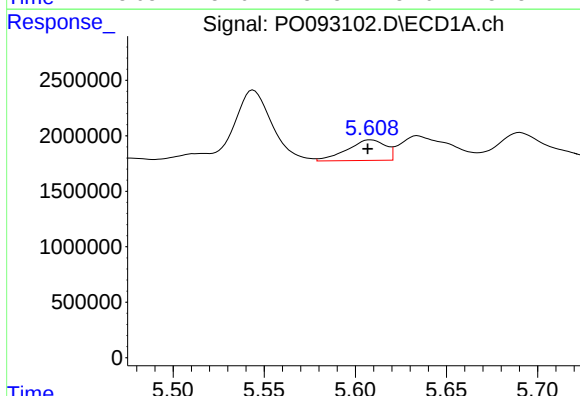
R.T.: 5.888 min
Delta R.T.: 0.005 min
Response: 921136
Conc: 33.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



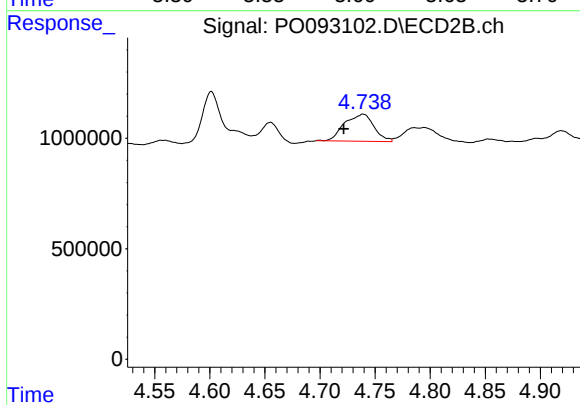
#15 AR-1232-5

R.T.: 5.176 min
Delta R.T.: 0.005 min
Response: 269466
Conc: 19.21 ng/ml



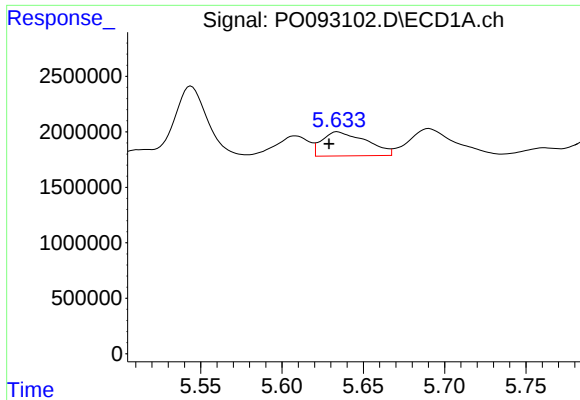
#16 AR-1242-1

R.T.: 5.608 min
Delta R.T.: 0.002 min
Response: 2726414
Conc: 33.26 ng/ml



#16 AR-1242-1

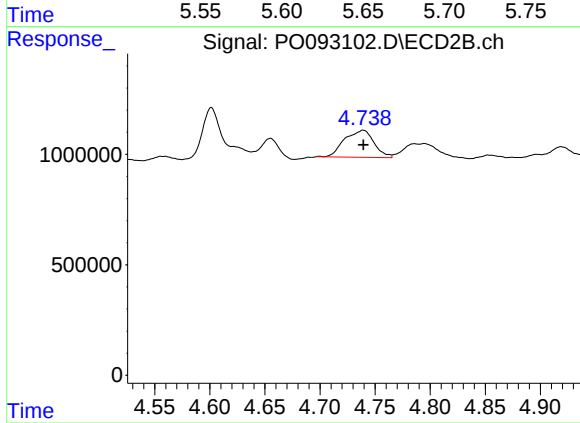
R.T.: 4.739 min
Delta R.T.: 0.018 min
Response: 2280247
Conc: 75.04 ng/ml



#17 AR-1242-2

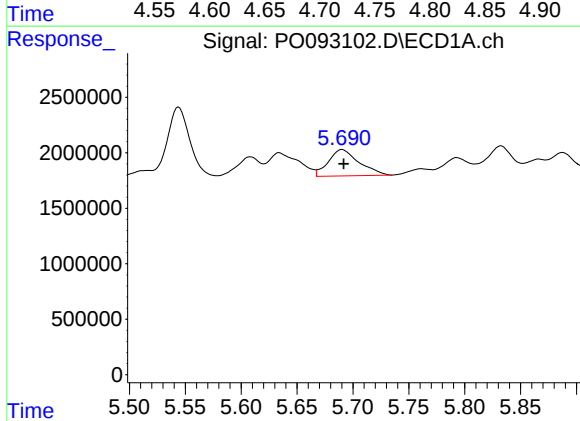
R.T.: 5.634 min
Delta R.T.: 0.005 min
Response: 4135942
Conc: 34.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



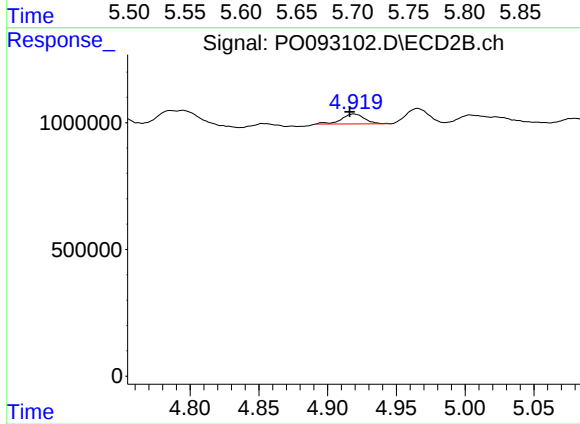
#17 AR-1242-2

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 2280247
Conc: 51.36 ng/ml



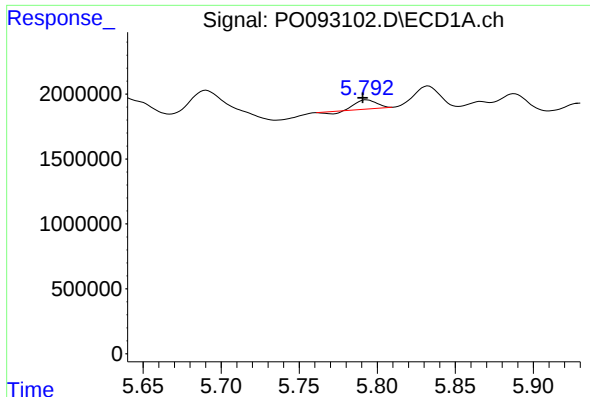
#18 AR-1242-3

R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 4525831
Conc: 58.97 ng/ml



#18 AR-1242-3

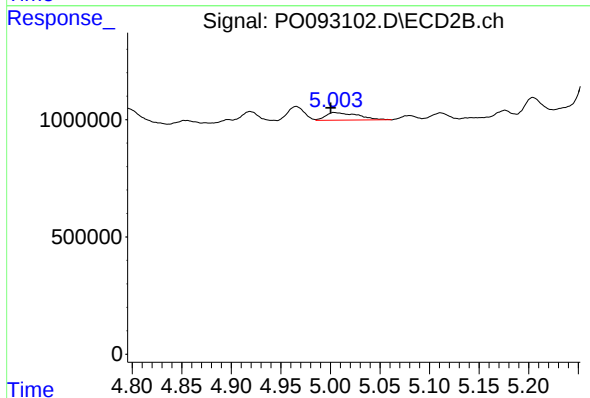
R.T.: 4.919 min
Delta R.T.: 0.003 min
Response: 456768
Conc: 19.54 ng/ml



#19 AR-1242-4

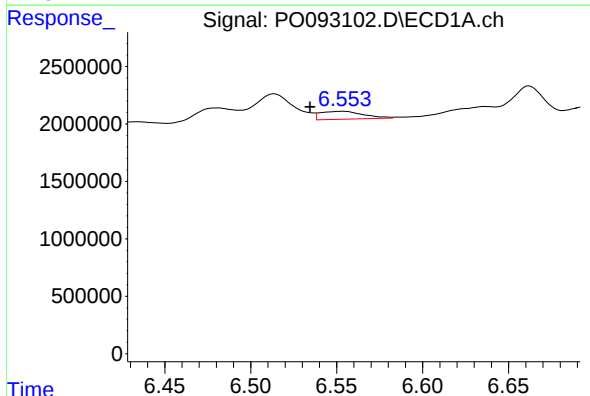
R.T.: 5.793 min
Delta R.T.: 0.002 min
Response: 559628
Conc: 9.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



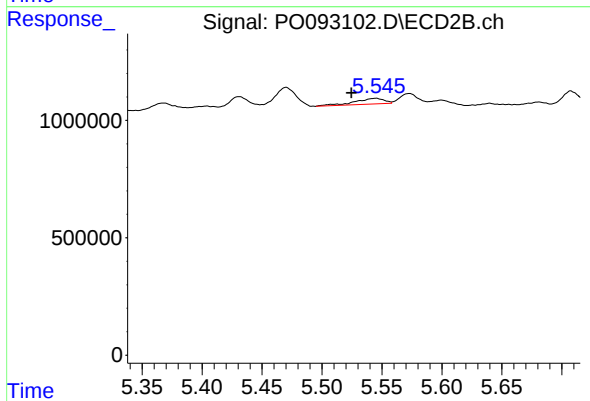
#19 AR-1242-4

R.T.: 5.004 min
Delta R.T.: 0.003 min
Response: 726081
Conc: 27.87 ng/ml



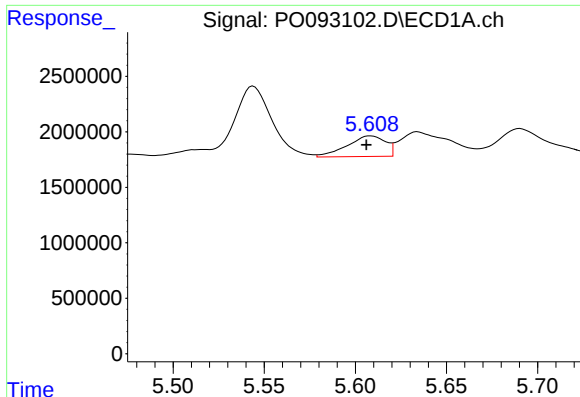
#20 AR-1242-5

R.T.: 6.553 min
Delta R.T.: 0.019 min
Response: 1204513
Conc: 19.28 ng/ml



#20 AR-1242-5

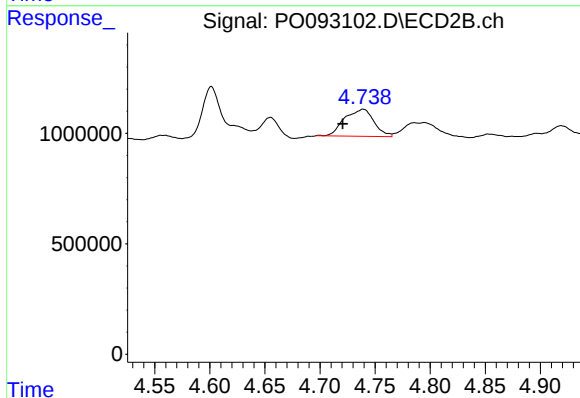
R.T.: 5.545 min
Delta R.T.: 0.020 min
Response: 423558
Conc: 14.83 ng/ml



#21 AR-1248-1

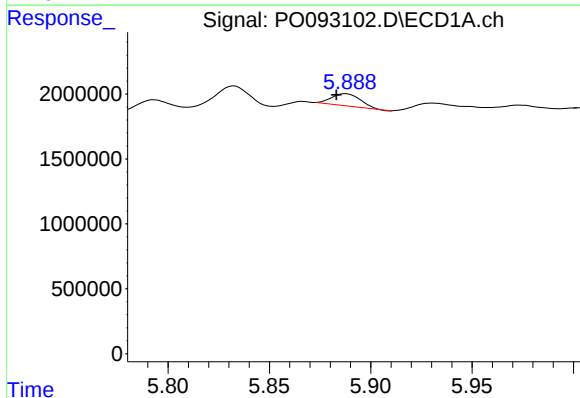
R.T.: 5.608 min
Delta R.T.: 0.002 min
Response: 2726414
Conc: 43.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



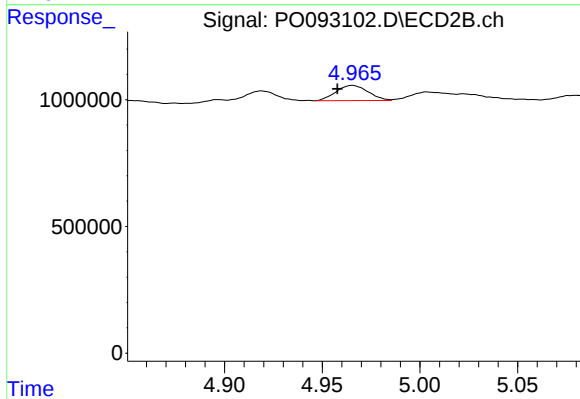
#21 AR-1248-1

R.T.: 4.739 min
Delta R.T.: 0.018 min
Response: 2280247
Conc: 97.98 ng/ml



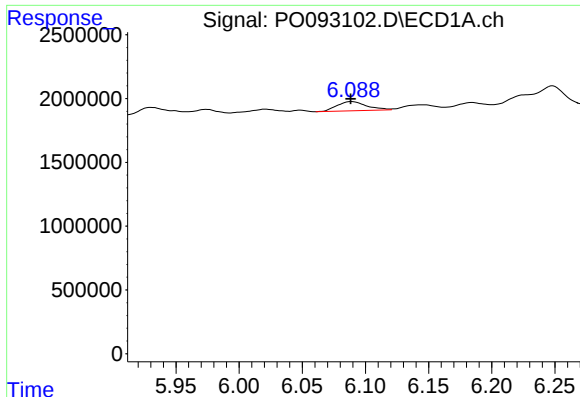
#22 AR-1248-2

R.T.: 5.888 min
Delta R.T.: 0.005 min
Response: 921136
Conc: 9.64 ng/ml



#22 AR-1248-2

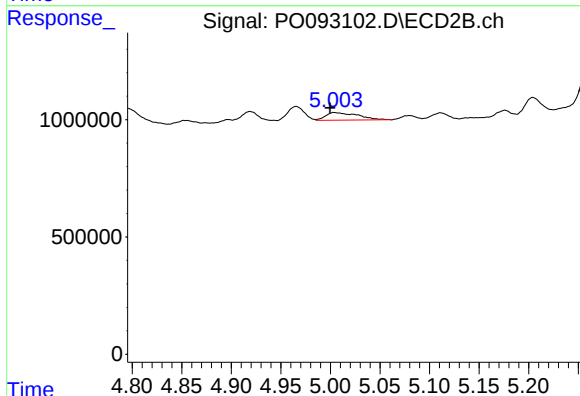
R.T.: 4.965 min
Delta R.T.: 0.008 min
Response: 685775
Conc: 18.92 ng/ml



#23 AR-1248-3

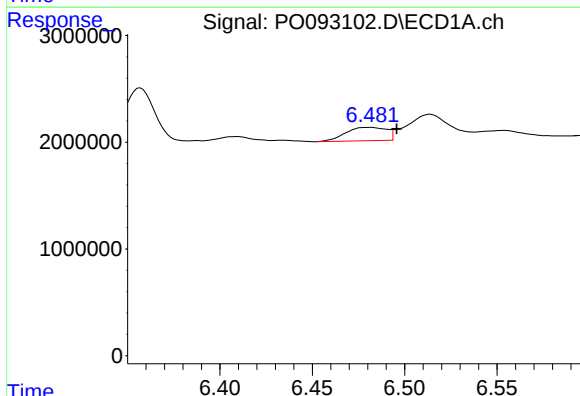
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 1182101
Conc: 11.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



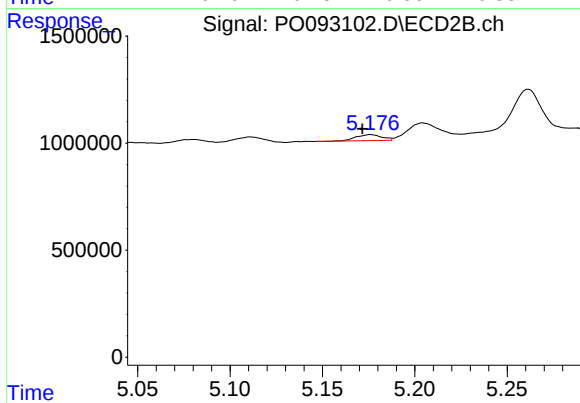
#23 AR-1248-3

R.T.: 5.004 min
Delta R.T.: 0.004 min
Response: 726081
Conc: 19.35 ng/ml



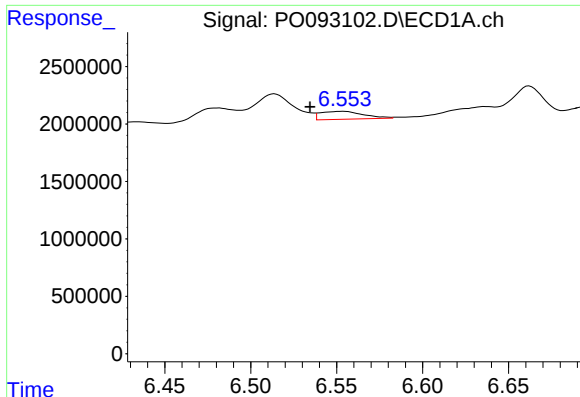
#24 AR-1248-4

R.T.: 6.481 min
Delta R.T.: -0.015 min
Response: 1918760
Conc: 18.84 ng/ml



#24 AR-1248-4

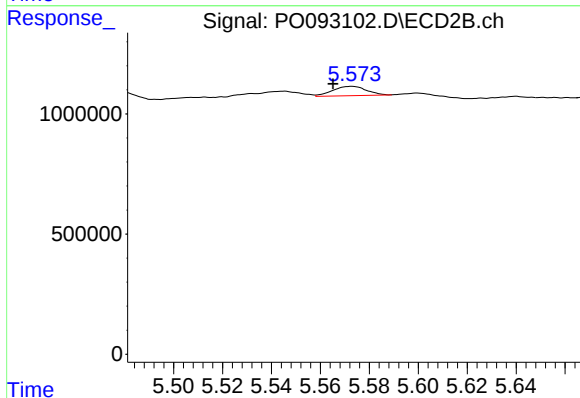
R.T.: 5.176 min
Delta R.T.: 0.005 min
Response: 269466
Conc: 6.26 ng/ml



#25 AR-1248-5

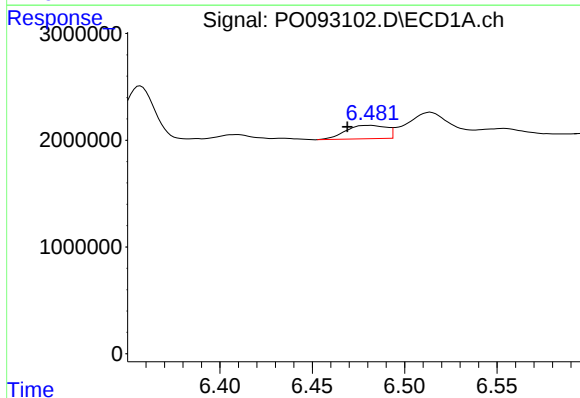
R.T.: 6.553 min
Delta R.T.: 0.019 min
Response: 1204513
Conc: 11.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



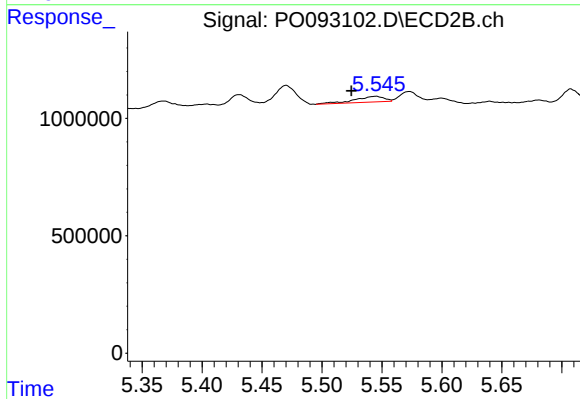
#25 AR-1248-5

R.T.: 5.573 min
Delta R.T.: 0.008 min
Response: 371275
Conc: 10.10 ng/ml



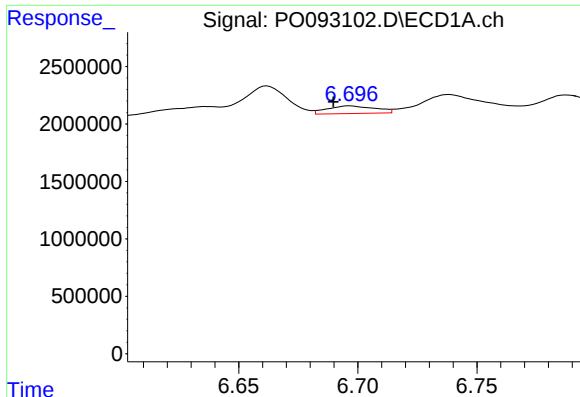
#26 AR-1254-1

R.T.: 6.481 min
Delta R.T.: 0.012 min
Response: 1918760
Conc: 16.42 ng/ml



#26 AR-1254-1

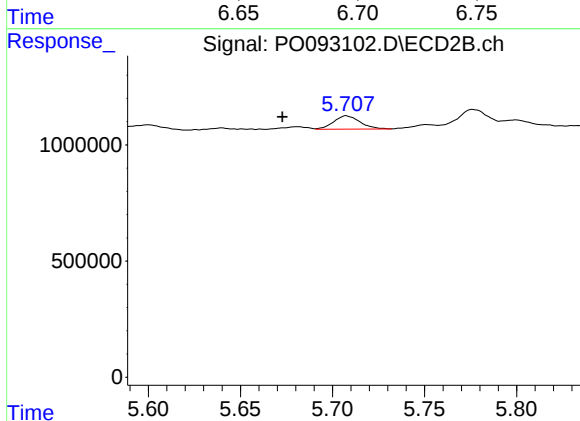
R.T.: 5.545 min
Delta R.T.: 0.020 min
Response: 423558
Conc: 6.75 ng/ml



#27 AR-1254-2

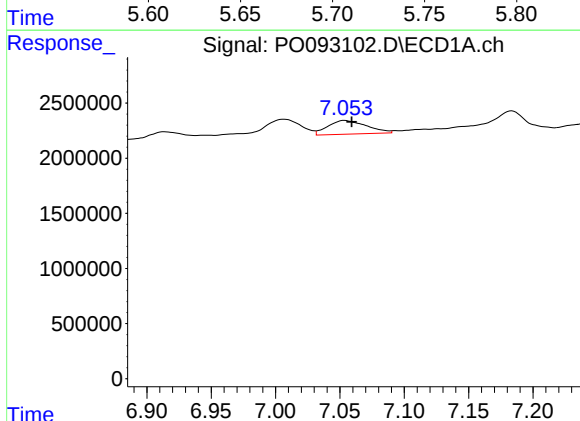
R.T.: 6.697 min
Delta R.T.: 0.007 min
Response: 915491
Conc: 5.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



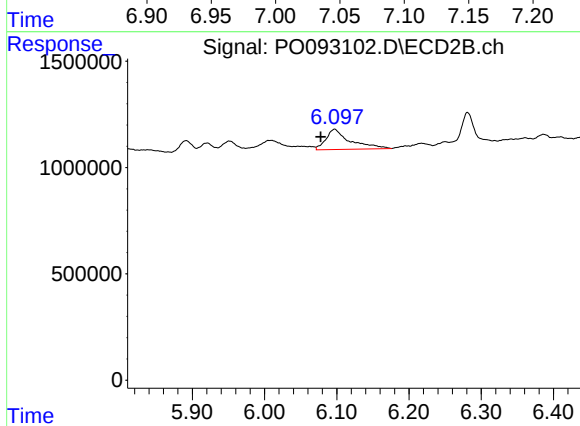
#27 AR-1254-2

R.T.: 5.708 min
Delta R.T.: 0.035 min
Response: 574954
Conc: 10.20 ng/ml



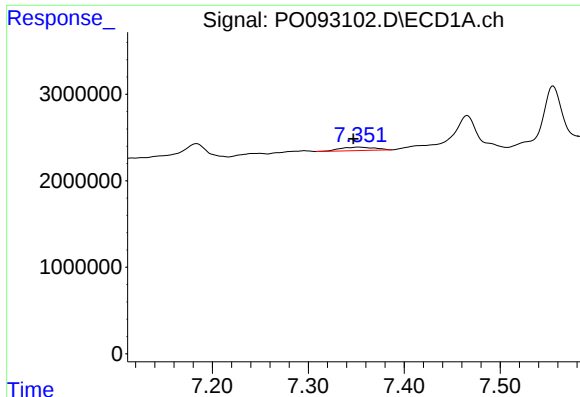
#28 AR-1254-3

R.T.: 7.054 min
Delta R.T.: -0.005 min
Response: 2594397
Conc: 15.61 ng/ml



#28 AR-1254-3

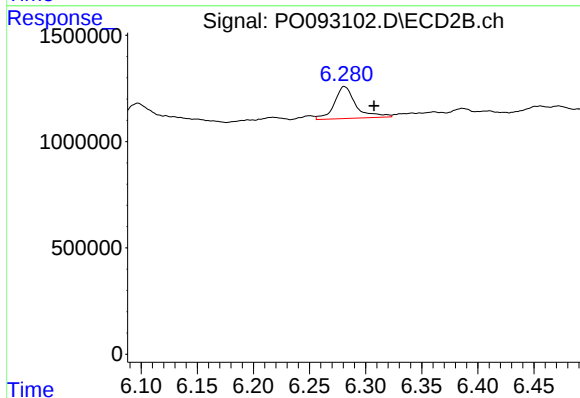
R.T.: 6.097 min
Delta R.T.: 0.019 min
Response: 2212720
Conc: 25.70 ng/ml



#29 AR-1254-4

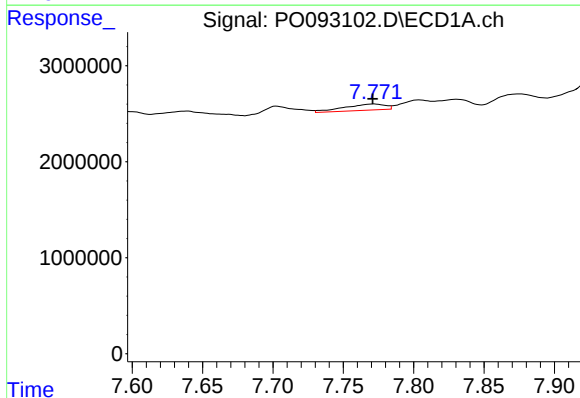
R.T.: 7.352 min
Delta R.T.: 0.005 min
Response: 1015034
Conc: 9.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



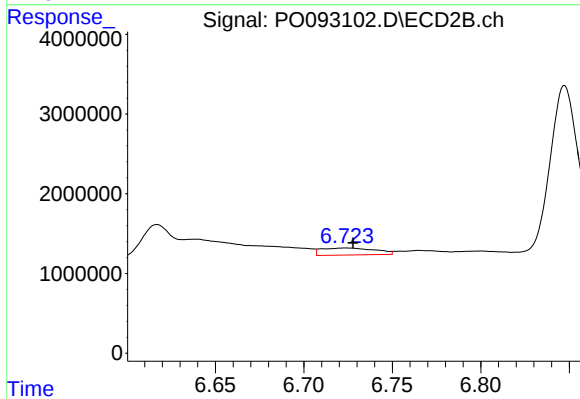
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.026 min
Response: 2006991
Conc: 43.89 ng/ml



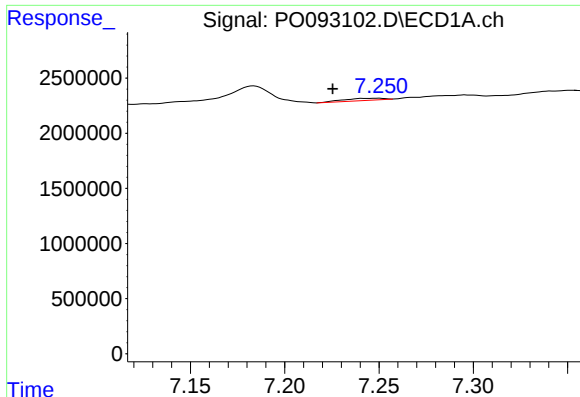
#30 AR-1254-5

R.T.: 7.772 min
Delta R.T.: 0.000 min
Response: 1311911
Conc: 9.69 ng/ml



#30 AR-1254-5

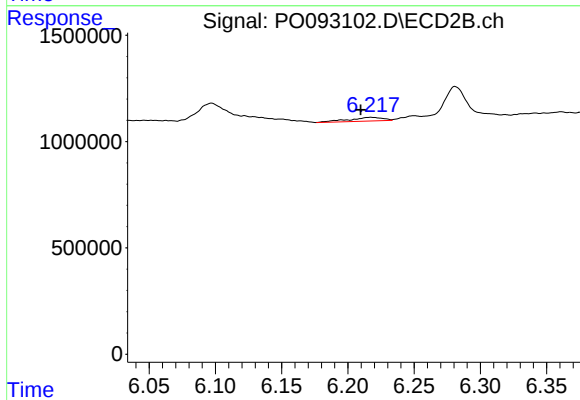
R.T.: 6.723 min
Delta R.T.: -0.004 min
Response: 1856219
Conc: 25.13 ng/ml



#31 AR-1260-1

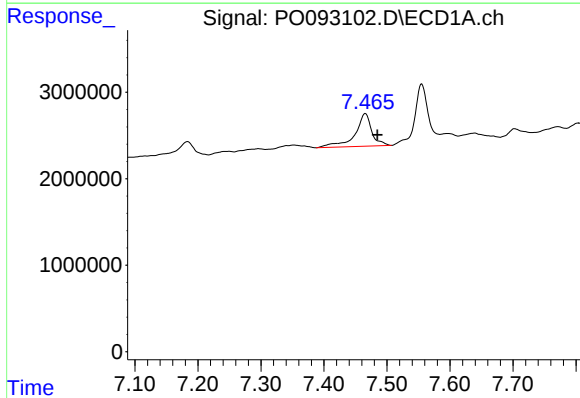
R.T.: 7.249 min
Delta R.T.: 0.024 min
Response: 271365
Conc: 2.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



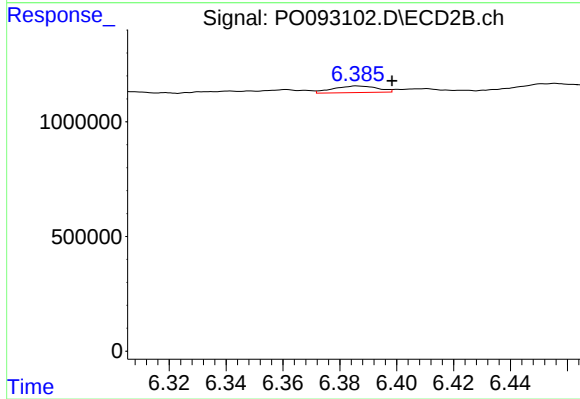
#31 AR-1260-1

R.T.: 6.217 min
Delta R.T.: 0.008 min
Response: 311504
Conc: 5.12 ng/ml



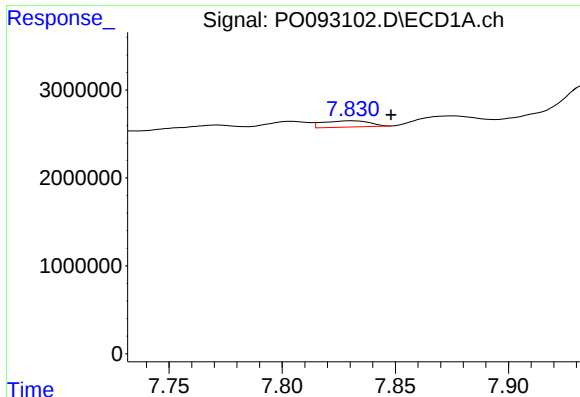
#32 AR-1260-2

R.T.: 7.466 min
Delta R.T.: -0.019 min
Response: 6996922
Conc: 47.40 ng/ml



#32 AR-1260-2

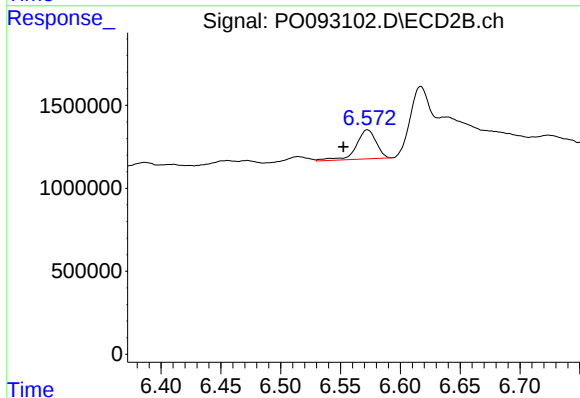
R.T.: 6.386 min
Delta R.T.: -0.012 min
Response: 313014
Conc: 4.33 ng/ml



#33 AR-1260-3

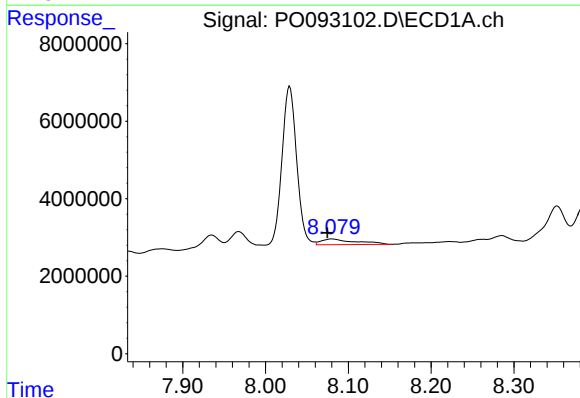
R.T.: 7.831 min
Delta R.T.: -0.017 min
Response: 1031284
Conc: 9.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



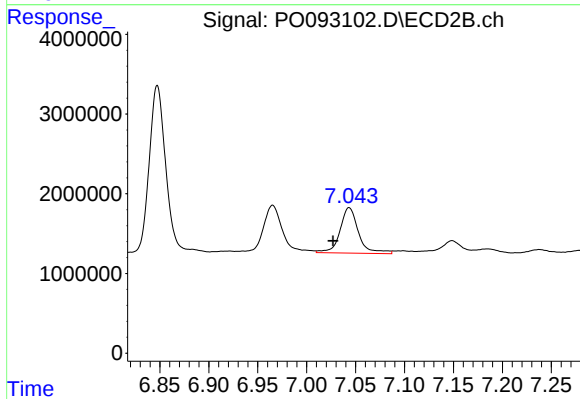
#33 AR-1260-3

R.T.: 6.573 min
Delta R.T.: 0.020 min
Response: 2032961
Conc: 30.40 ng/ml



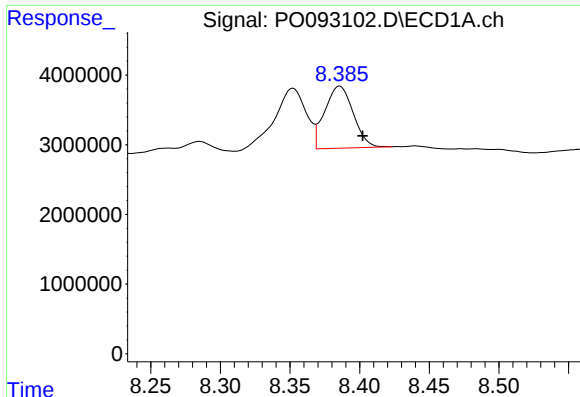
#34 AR-1260-4

R.T.: 8.080 min
Delta R.T.: 0.005 min
Response: 4301564
Conc: 33.54 ng/ml



#34 AR-1260-4

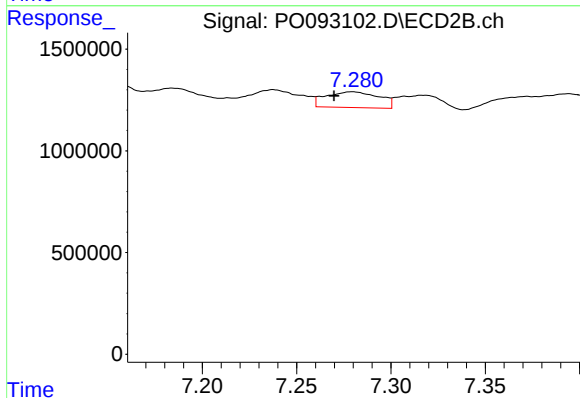
R.T.: 7.043 min
Delta R.T.: 0.017 min
Response: 7508436
Conc: 136.44 ng/ml



#35 AR-1260-5

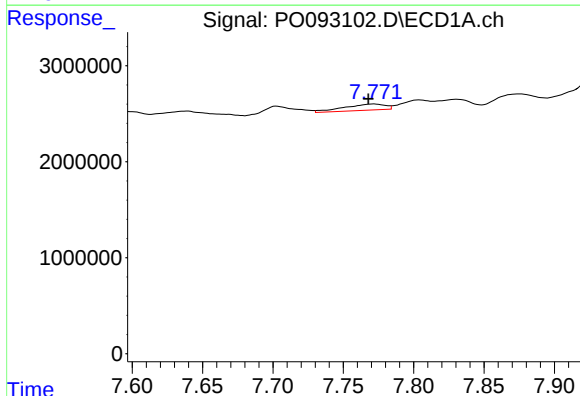
R.T.: 8.386 min
Delta R.T.: -0.017 min
Response: 12720515
Conc: 56.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



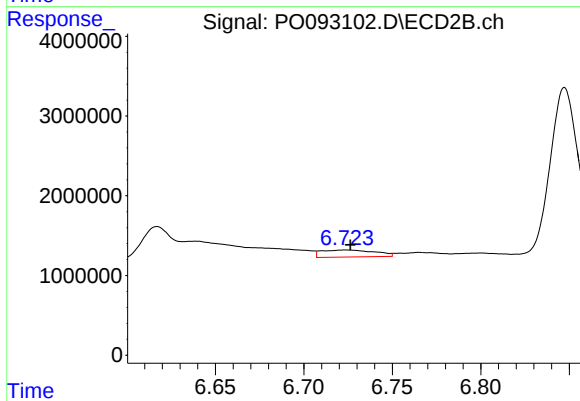
#35 AR-1260-5

R.T.: 7.279 min
Delta R.T.: 0.010 min
Response: 1516592
Conc: 12.88 ng/ml



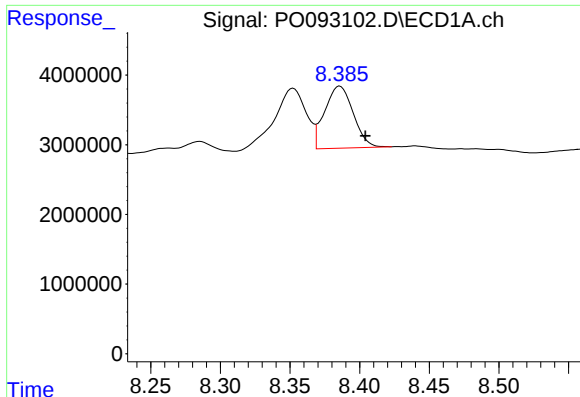
#36 AR-1262-1

R.T.: 7.772 min
Delta R.T.: 0.004 min
Response: 1311911
Conc: 13.20 ng/ml



#36 AR-1262-1

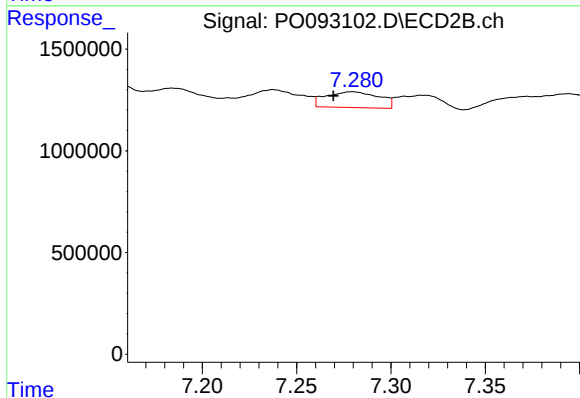
R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 1856219
Conc: 49.67 ng/ml



#37 AR-1262-2

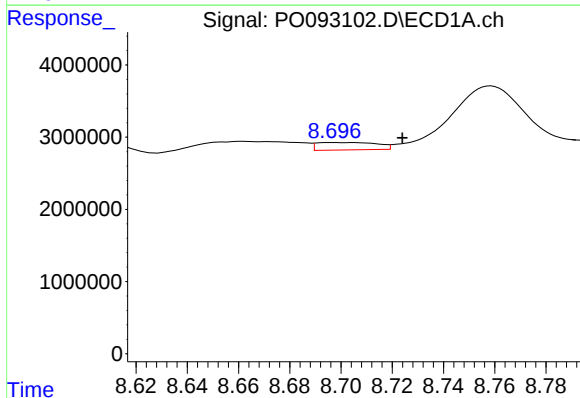
R.T.: 8.386 min
Delta R.T.: -0.018 min
Response: 12720515
Conc: 53.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



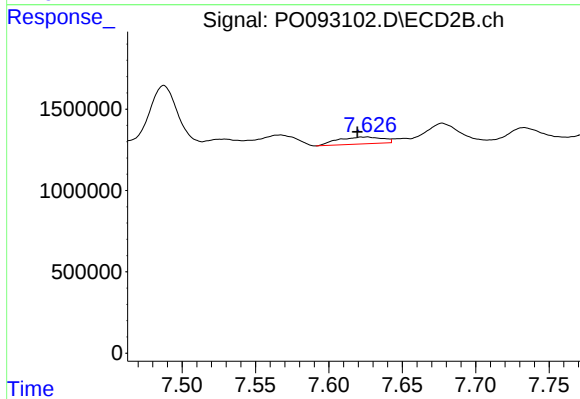
#37 AR-1262-2

R.T.: 7.279 min
Delta R.T.: 0.010 min
Response: 1516592
Conc: 12.74 ng/ml



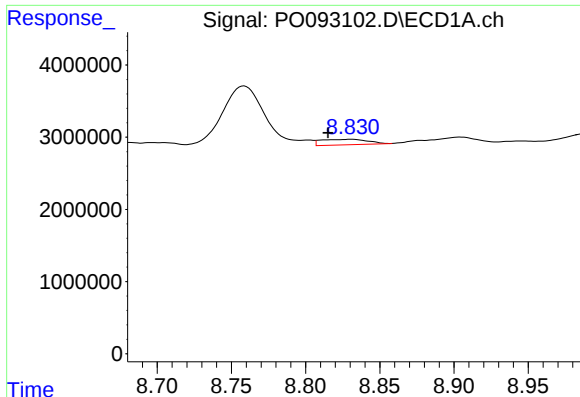
#38 AR-1262-3

R.T.: 8.697 min
Delta R.T.: -0.027 min
Response: 1677020
Conc: 9.93 ng/ml



#38 AR-1262-3

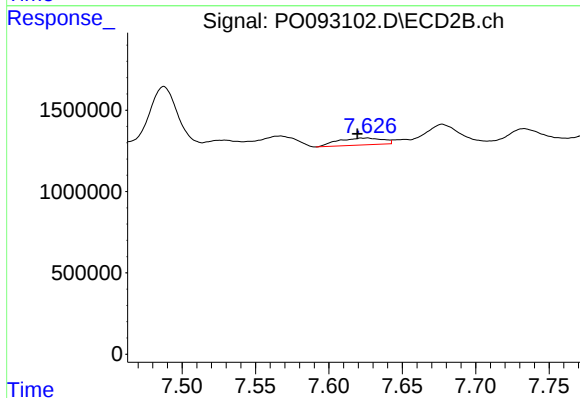
R.T.: 7.626 min
Delta R.T.: 0.007 min
Response: 903239
Conc: 9.99 ng/ml



#39 AR-1262-4

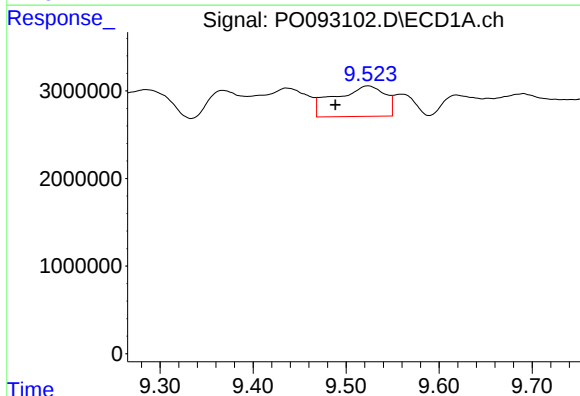
R.T.: 8.831 min
Delta R.T.: 0.016 min
Response: 1656678
Conc: 18.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



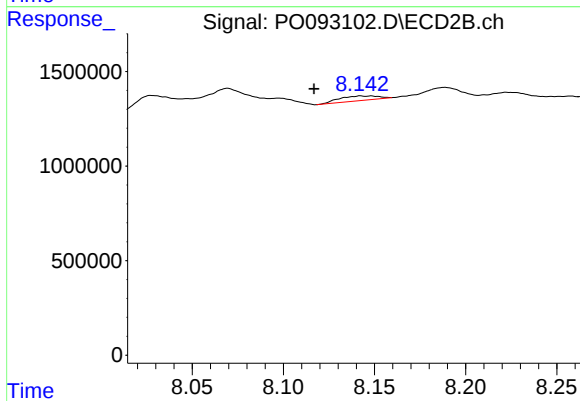
#39 AR-1262-4

R.T.: 7.626 min
Delta R.T.: 0.007 min
Response: 903239
Conc: 9.99 ng/ml



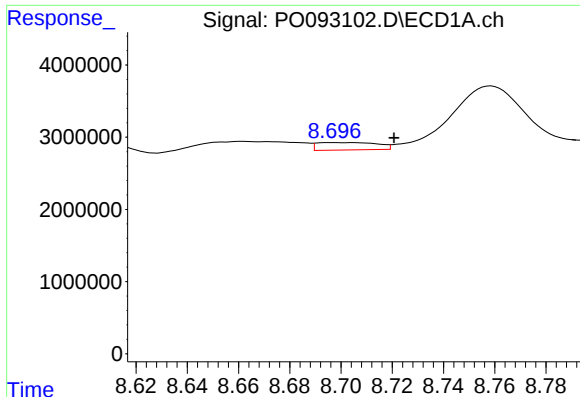
#40 AR-1262-5

R.T.: 9.524 min
Delta R.T.: 0.035 min
Response: 13037850
Conc: 136.51 ng/ml



#40 AR-1262-5

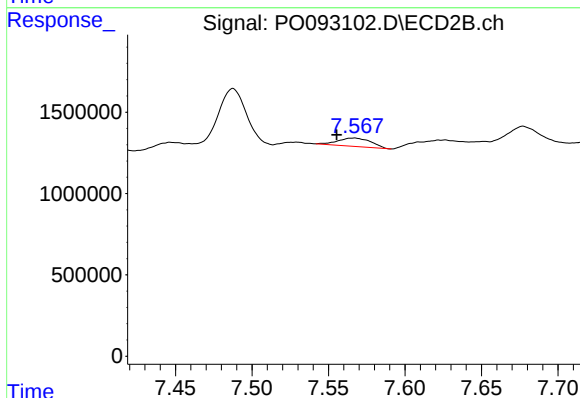
R.T.: 8.148 min
Delta R.T.: 0.031 min
Response: 359383
Conc: 8.78 ng/ml



#41 AR-1268-1

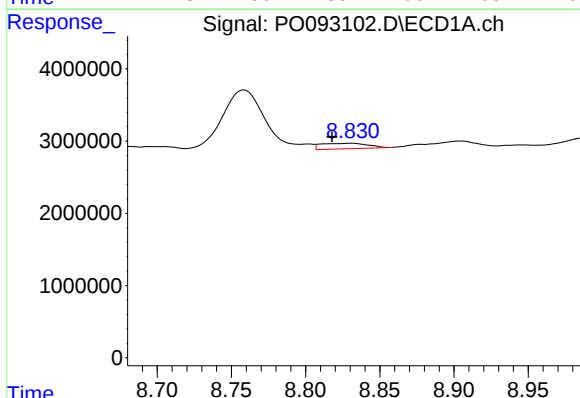
R.T.: 8.697 min
Delta R.T.: -0.024 min
Response: 1677020
Conc: 5.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



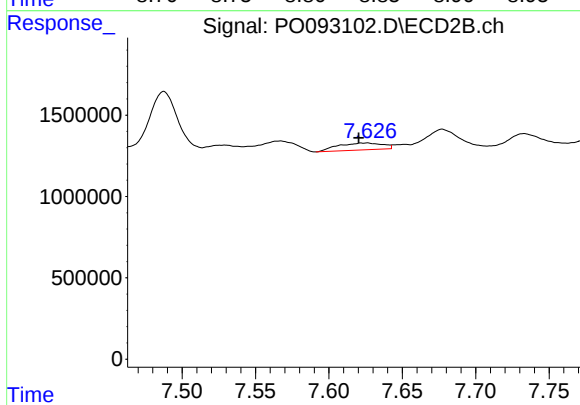
#41 AR-1268-1

R.T.: 7.566 min
Delta R.T.: 0.011 min
Response: 777693
Conc: 4.97 ng/ml



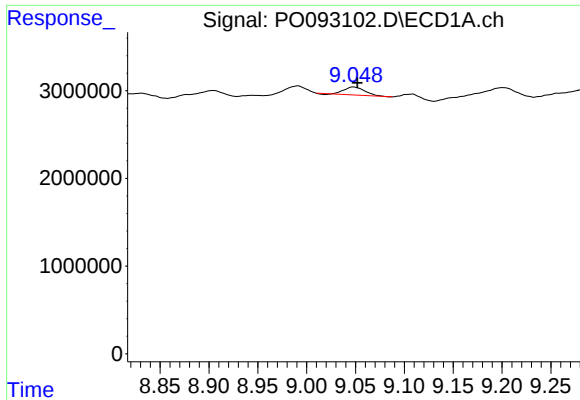
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: 0.013 min
Response: 1656678
Conc: 5.71 ng/ml



#42 AR-1268-2

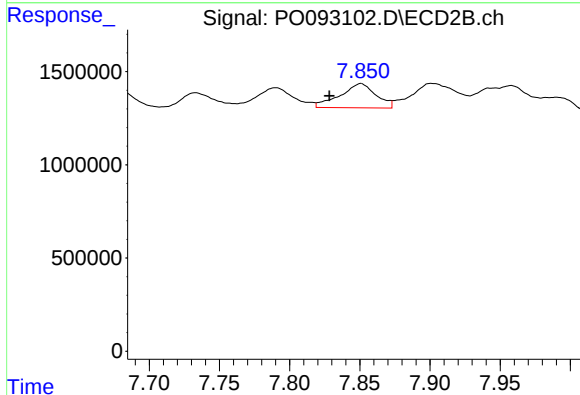
R.T.: 7.626 min
Delta R.T.: 0.006 min
Response: 903239
Conc: 6.47 ng/ml



#43 AR-1268-3

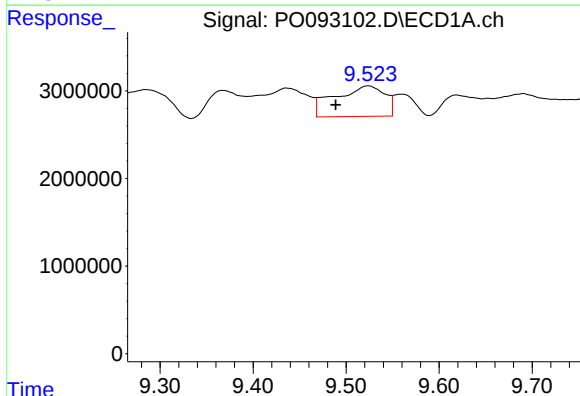
R.T.: 9.048 min
Delta R.T.: -0.004 min
Response: 1327480
Conc: 5.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



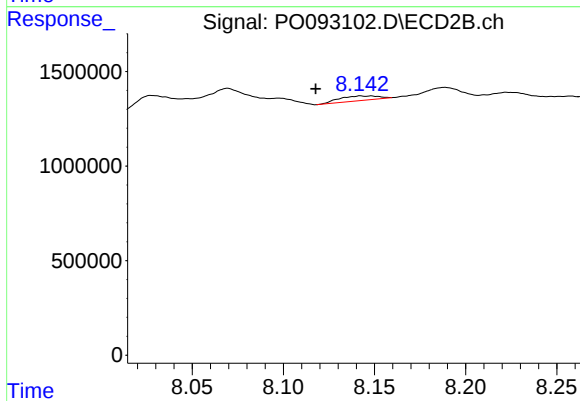
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.022 min
Response: 2299436
Conc: 18.48 ng/ml



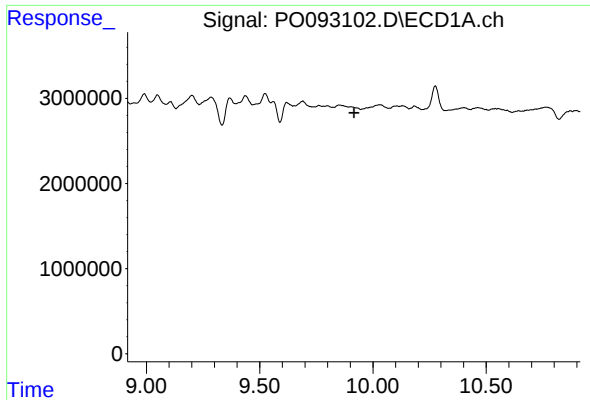
#44 AR-1268-4

R.T.: 9.524 min
Delta R.T.: 0.035 min
Response: 13037850
Conc: 122.08 ng/ml



#44 AR-1268-4

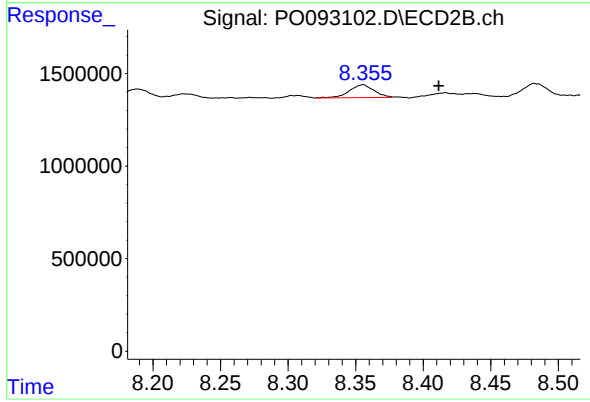
R.T.: 8.148 min
Delta R.T.: 0.030 min
Response: 359383
Conc: 7.29 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.917 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.355 min
Delta R.T.: -0.056 min
Response: 885282
Conc: 2.51 ng/ml