

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0050523\
 Data File : P0094797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 22:59
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 07:26:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 01 11:12:50 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...	4.415	3.616	160.5E6	63237656	46.600	47.261
2) SA Decachlor...	10.249	8.624	121.7E6	54940393	50.147	48.811
Target Compounds						
3) L1 AR-1016-1	5.591	4.696	1554475	533478	15.260	13.451
4) L1 AR-1016-2	5.618	4.713	2148426	360280	14.199	6.094 #
5) L1 AR-1016-3	5.677	4.890	1063162	324341	10.723	10.332
6) L1 AR-1016-4	5.775	4.932	789190	15454160	10.603	534.443 #
7) L1 AR-1016-5	6.074	5.145	20565405	9121832	246.491	249.241
8) L2 AR-1221-1	4.621	0.000	86961	0	1.960	N.D. #
9) L2 AR-1221-2	4.722	3.913	2157067	863519	66.296	67.840
10) L2 AR-1221-3	4.788	0.000	620861	0	6.210	N.D. #
11) L3 AR-1232-1	4.788	0.000	620861	0	7.341	N.D. #
12) L3 AR-1232-2	5.321	4.713	887473	360280	20.697	12.378 #
13) L3 AR-1232-3	5.618	4.890	2148426	324341	29.576	21.860 #
14) L3 AR-1232-4	5.775	4.972	789190	4761548	22.474	306.332 #
15) L3 AR-1232-5	5.868	5.145	35651988	9121832	1081.295	535.148 #
16) L4 AR-1242-1	5.591	4.696	1554475	533478	18.608	16.108
17) L4 AR-1242-2	5.618	4.713	2148426	360280	17.089	7.309 #
18) L4 AR-1242-3	5.677	4.890	1063162	324341	13.055	12.466
19) L4 AR-1242-4	5.775	4.972	789190	4761548	12.850	160.857 #
20) L4 AR-1242-5	6.524	5.497	19315417	33508901	300.147	1060.575 #
21) L5 AR-1248-1	5.591	4.696	1554475	533478	24.874	20.917
22) L5 AR-1248-2	5.868	4.932	35651988	15454160	340.732	373.156
23) L5 AR-1248-3	6.074	4.972	20565405	4761548	185.735	110.985 #
24) L5 AR-1248-4	6.482	5.145	24324058	9121832	236.247	186.101
25) L5 AR-1248-5	6.524	5.536	19315417	3806821	177.598	95.683 #
26) L6 AR-1254-1	6.455	5.497	58228233	33508901	459.582	462.250
27) L6 AR-1254-2	6.677	5.645	86328128	29978454	451.662	459.446
28) L6 AR-1254-3	7.047	6.048	84634059	45340718	448.711	456.604
29) L6 AR-1254-4	7.335	6.278	48149387	22625573	425.125	458.387
30) L6 AR-1254-5	7.759	6.696	64252277	38898807	458.790	462.358
31) L7 AR-1260-1	7.213	6.179	35360766	23424151	238.490	332.728 #
32) L7 AR-1260-2	7.473	6.367	36869053	19033849	227.356	238.091
33) L7 AR-1260-3	7.818	6.519	12047724	18329043	92.155	243.728 #
34) L7 AR-1260-4	8.050	6.993	24558205	1942495	175.626	31.031 #
35) L7 AR-1260-5	8.392	7.237	9182208	4733472	37.532	37.556
36) L8 AR-1262-1	7.818	6.786	12047724	1760982	71.732	46.986 #
37) L8 AR-1262-2	8.392	6.993	9182208	1942495	36.522	26.036 #
38) L8 AR-1262-3	8.725	7.583f	6748479	4187675	37.366	71.991 #
39) L8 AR-1262-4	8.808	7.583	205013	4187675	2.208	41.346 #
40) L8 AR-1262-5	9.470	0.000	294542	0	3.439	N.D. #
41) L9 AR-1268-1	8.725	7.583f	6748479	4187675	19.953	24.786

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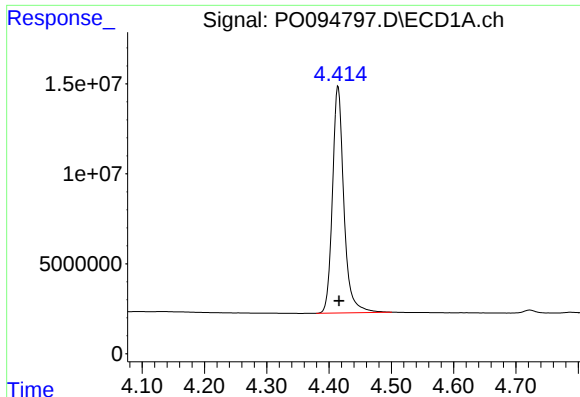
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 07:26:33 2023
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 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	8.808	7.583	205013	4187675	0.676	27.328 #
43) L9	AR-1268-3	9.027	0.000	123853	0	0.459	N.D. #
44) L9	AR-1268-4	9.470	0.000	294542	0	3.137	N.D. #
45) L9	AR-1268-5	9.908	0.000	341893	0	0.407	N.D. #

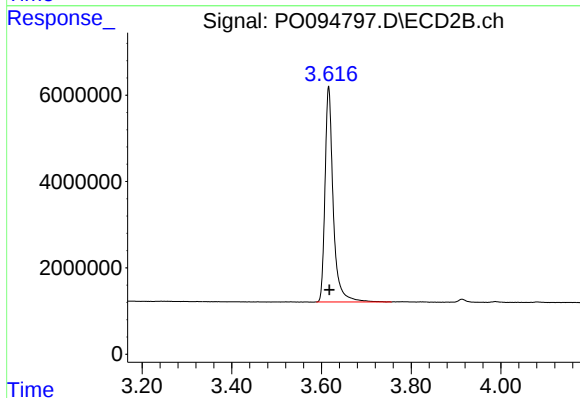
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

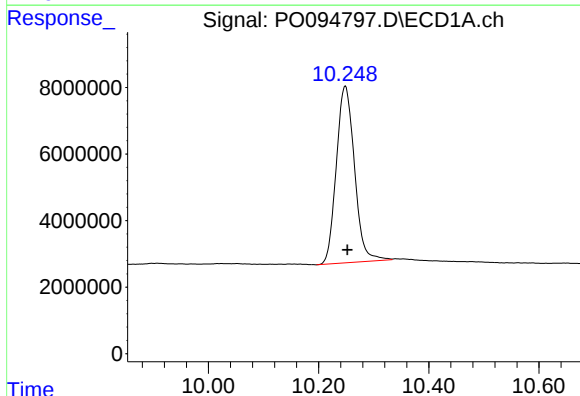
R.T.: 4.415 min
Delta R.T.: -0.001 min
Response: 160517448
Conc: 46.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



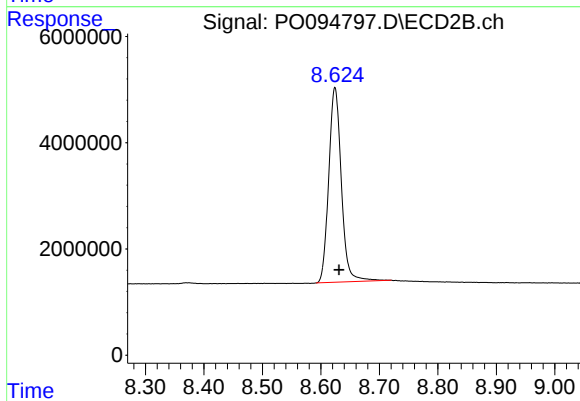
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.002 min
Response: 63237656
Conc: 47.26 ng/ml



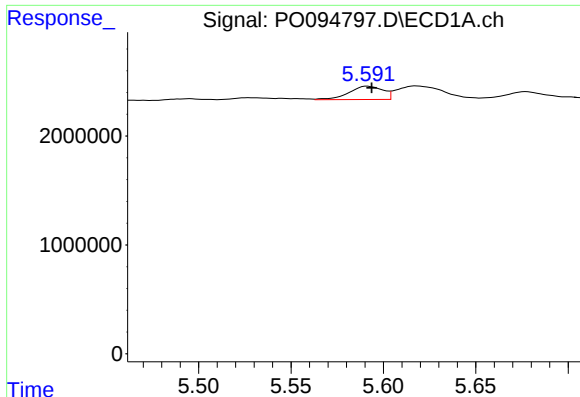
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.004 min
Response: 121700063
Conc: 50.15 ng/ml



#2 Decachlorobiphenyl

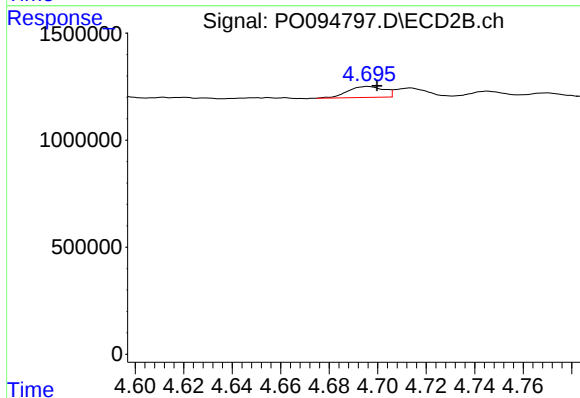
R.T.: 8.624 min
Delta R.T.: -0.007 min
Response: 54940393
Conc: 48.81 ng/ml



#3 AR-1016-1

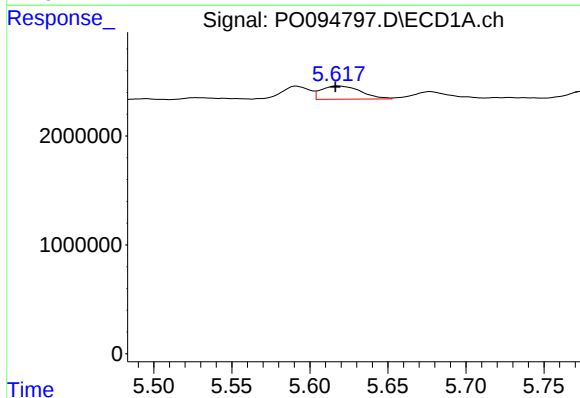
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 1554475
Conc: 15.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



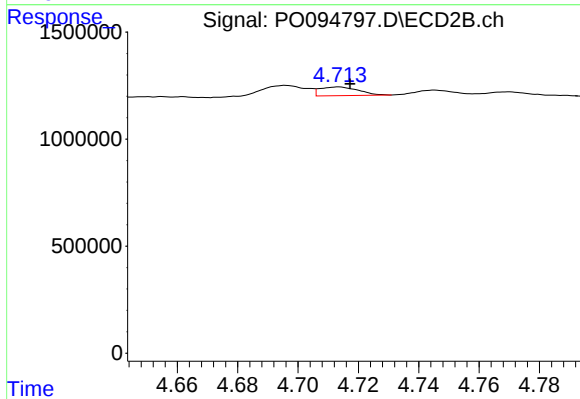
#3 AR-1016-1

R.T.: 4.696 min
Delta R.T.: -0.004 min
Response: 533478
Conc: 13.45 ng/ml



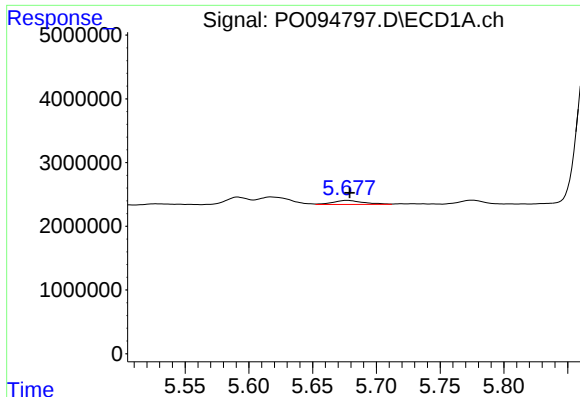
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.001 min
Response: 2148426
Conc: 14.20 ng/ml



#4 AR-1016-2

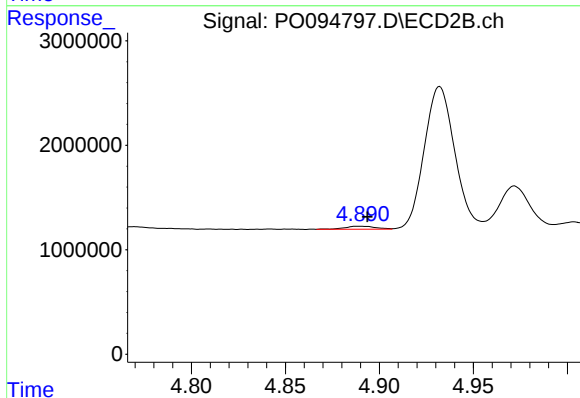
R.T.: 4.713 min
Delta R.T.: -0.004 min
Response: 360280
Conc: 6.09 ng/ml



#5 AR-1016-3

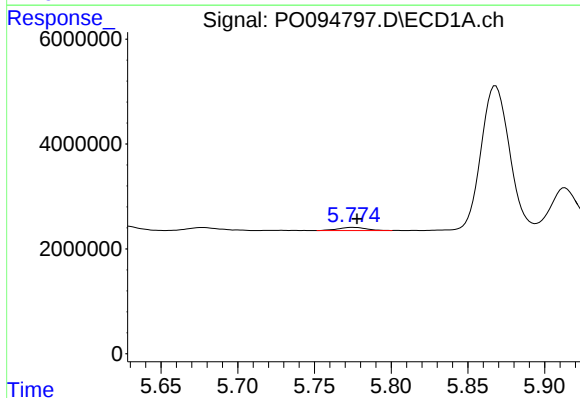
R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 1063162
Conc: 10.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



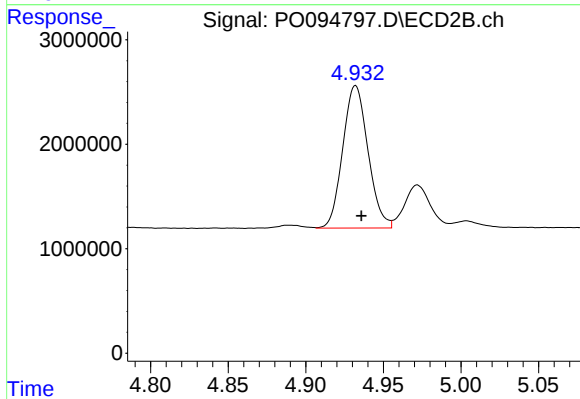
#5 AR-1016-3

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 324341
Conc: 10.33 ng/ml



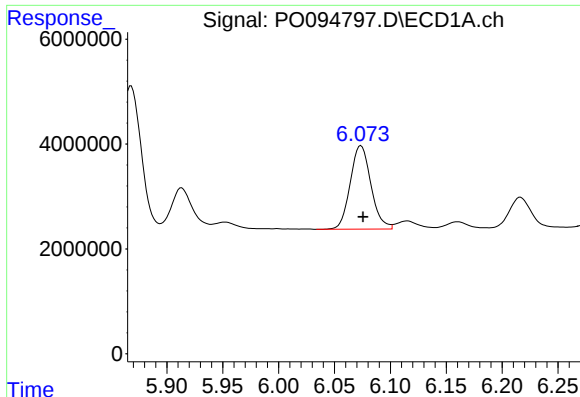
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 789190
Conc: 10.60 ng/ml



#6 AR-1016-4

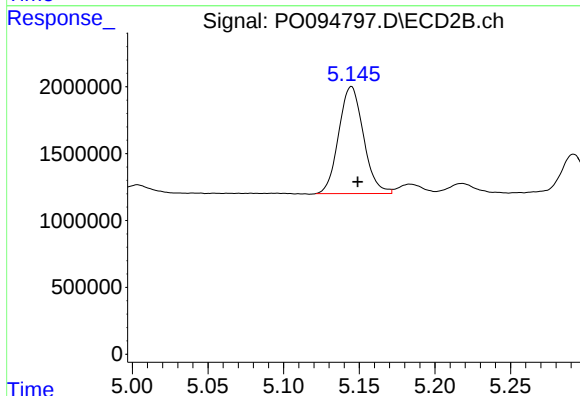
R.T.: 4.932 min
Delta R.T.: -0.004 min
Response: 15454160
Conc: 534.44 ng/ml



#7 AR-1016-5

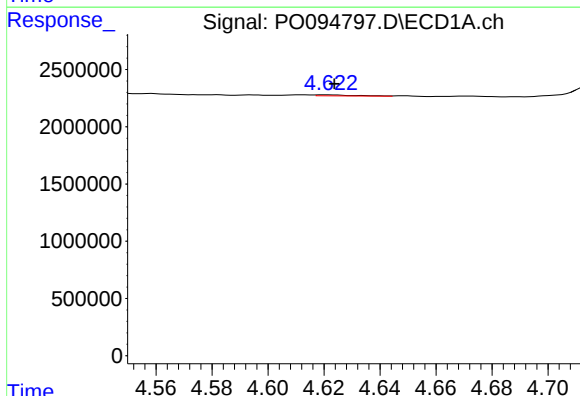
R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 20565405
Conc: 246.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



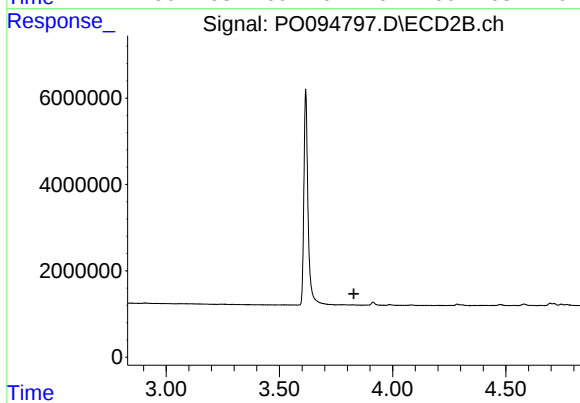
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.004 min
Response: 9121832
Conc: 249.24 ng/ml



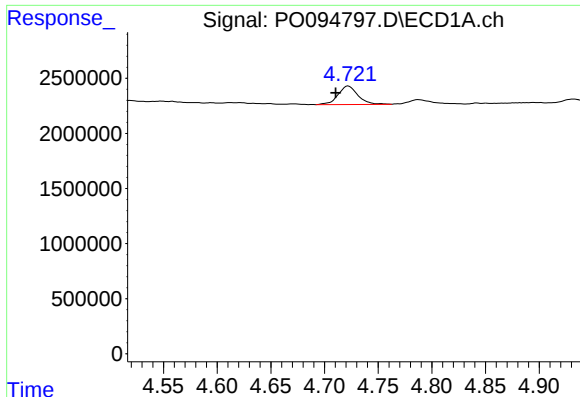
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: -0.002 min
Response: 86961
Conc: 1.96 ng/ml



#8 AR-1221-1

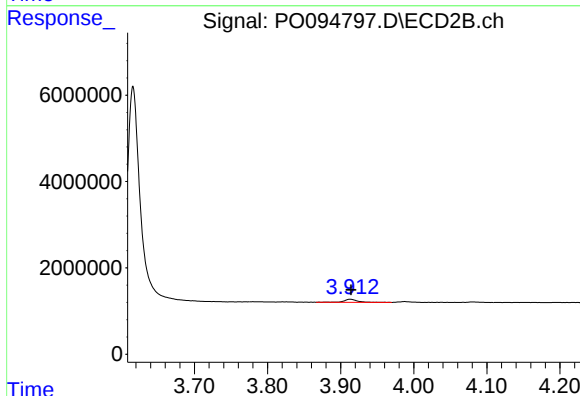
R.T.: 0.000 min
Exp R.T. : 3.829 min
Response: 0
Conc: N.D.



#9 AR-1221-2

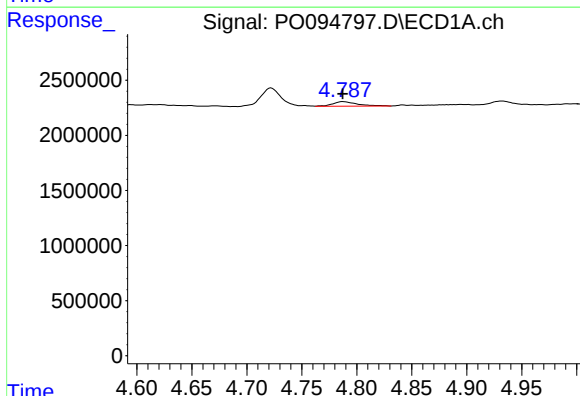
R.T.: 4.722 min
Delta R.T.: 0.012 min
Response: 2157067
Conc: 66.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



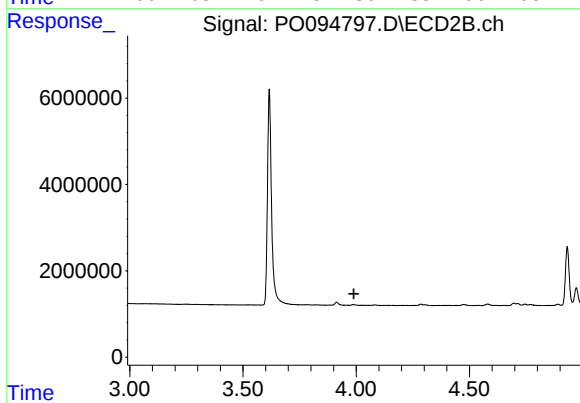
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: -0.001 min
Response: 863519
Conc: 67.84 ng/ml



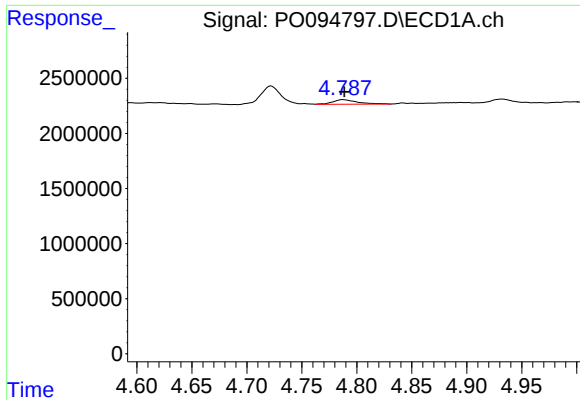
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 620861
Conc: 6.21 ng/ml



#10 AR-1221-3

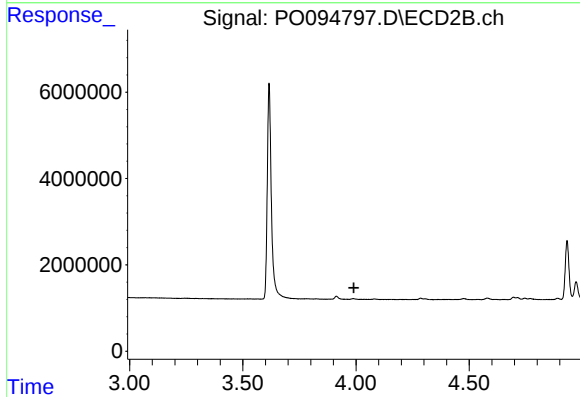
R.T.: 0.000 min
Exp R.T. : 3.990 min
Response: 0
Conc: N.D.



#11 AR-1232-1

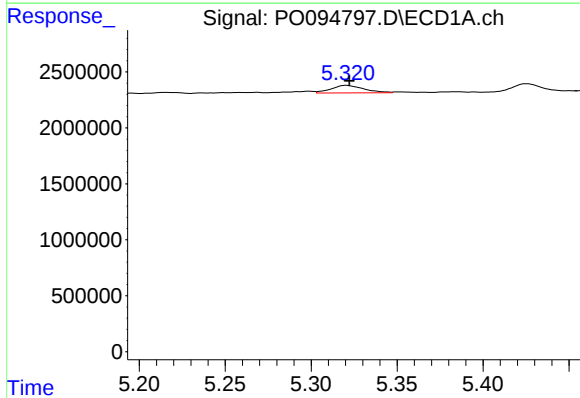
R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 620861
Conc: 7.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



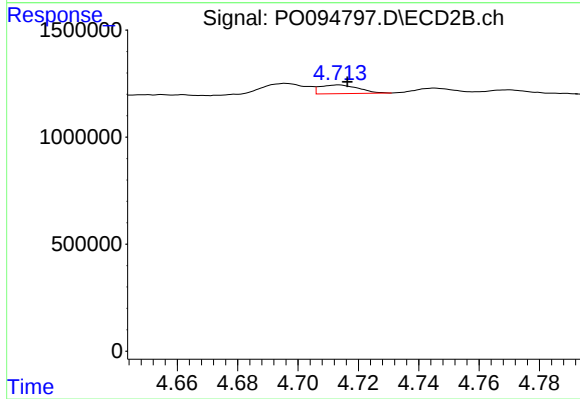
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.991 min
Response: 0
Conc: N.D.



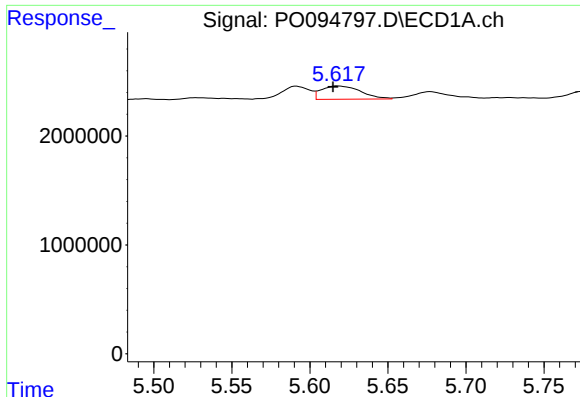
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: -0.002 min
Response: 887473
Conc: 20.70 ng/ml



#12 AR-1232-2

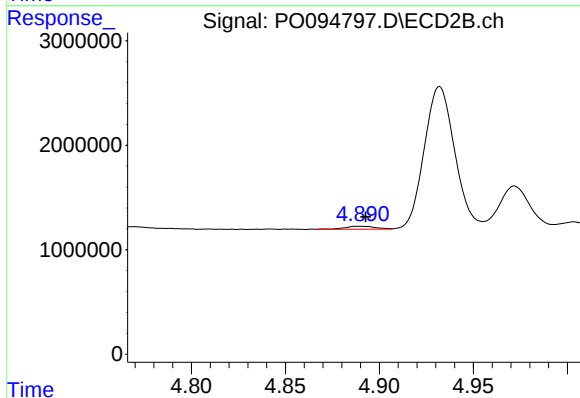
R.T.: 4.713 min
Delta R.T.: -0.003 min
Response: 360280
Conc: 12.38 ng/ml



#13 AR-1232-3

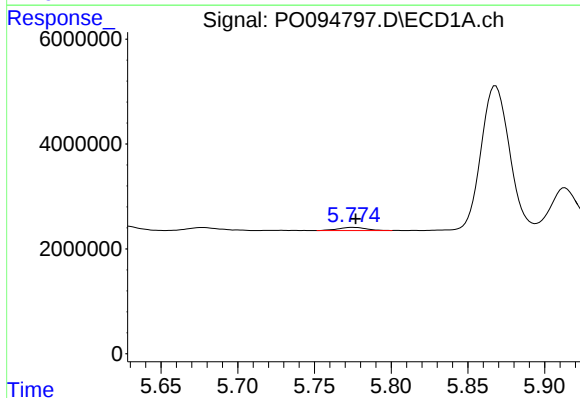
R.T.: 5.618 min
Delta R.T.: 0.003 min
Response: 2148426
Conc: 29.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



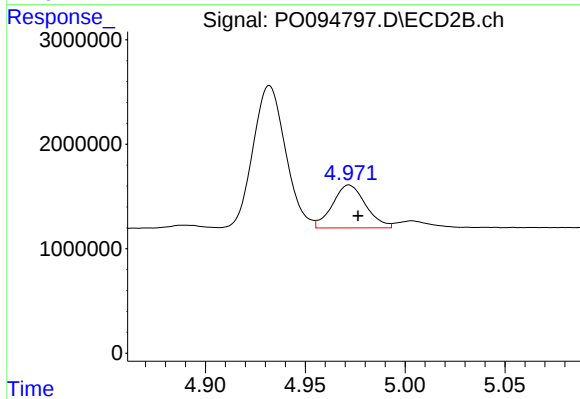
#13 AR-1232-3

R.T.: 4.890 min
Delta R.T.: -0.002 min
Response: 324341
Conc: 21.86 ng/ml



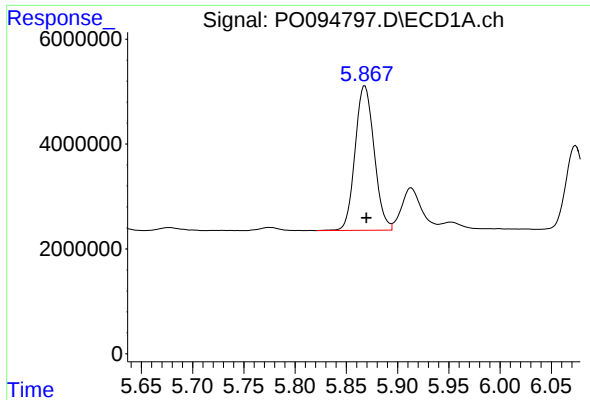
#14 AR-1232-4

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 789190
Conc: 22.47 ng/ml



#14 AR-1232-4

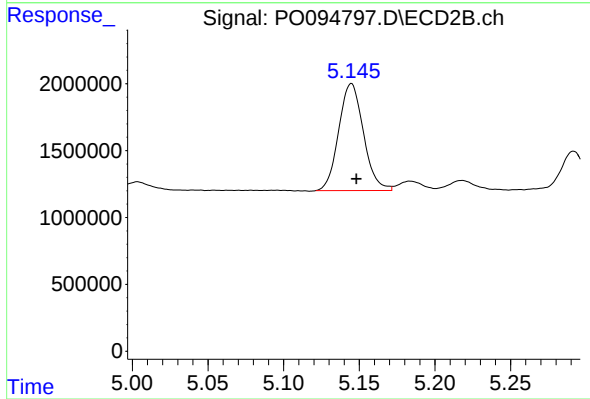
R.T.: 4.972 min
Delta R.T.: -0.005 min
Response: 4761548
Conc: 306.33 ng/ml



#15 AR-1232-5

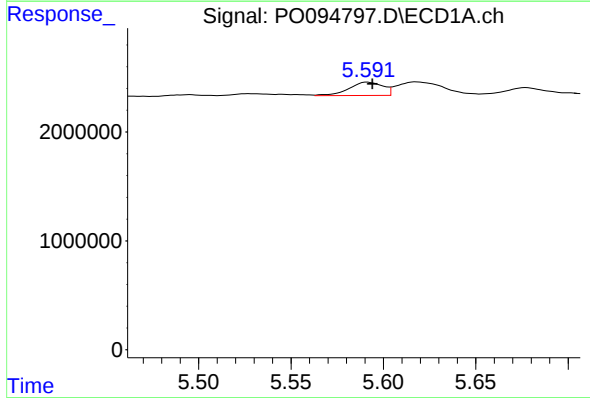
R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 35651988
Conc: 1081.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



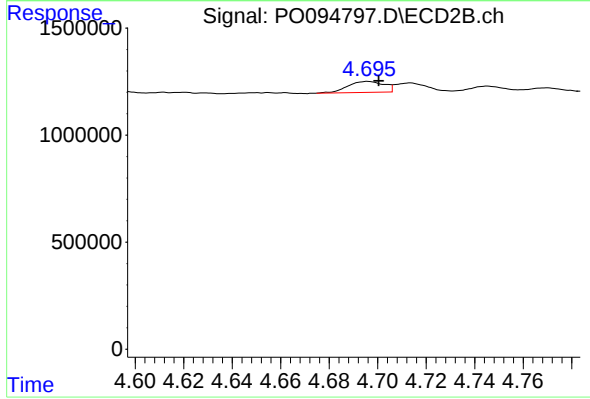
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.003 min
Response: 9121832
Conc: 535.15 ng/ml



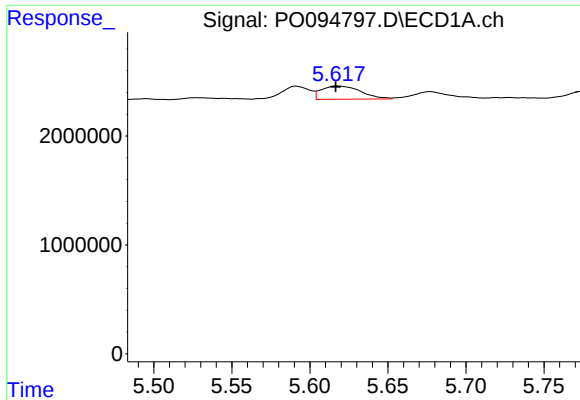
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 1554475
Conc: 18.61 ng/ml



#16 AR-1242-1

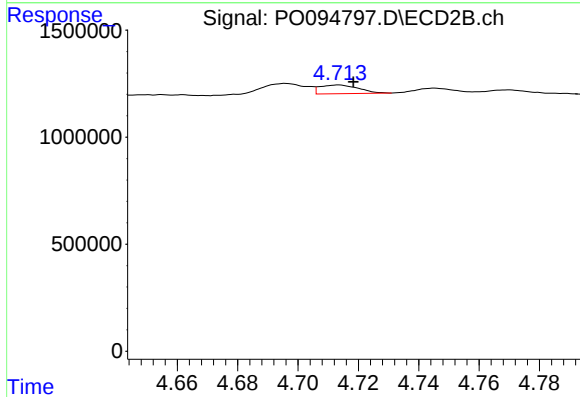
R.T.: 4.696 min
Delta R.T.: -0.005 min
Response: 533478
Conc: 16.11 ng/ml



#17 AR-1242-2

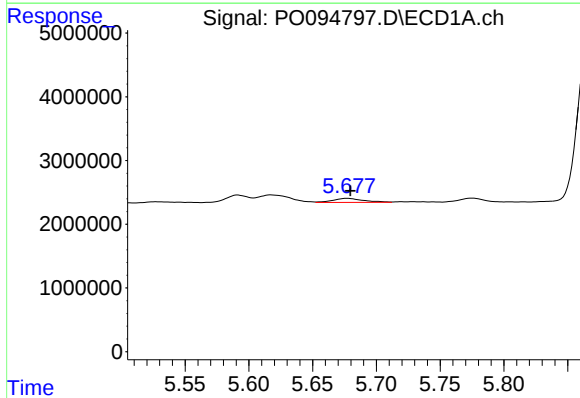
R.T.: 5.618 min
Delta R.T.: 0.001 min
Response: 2148426
Conc: 17.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



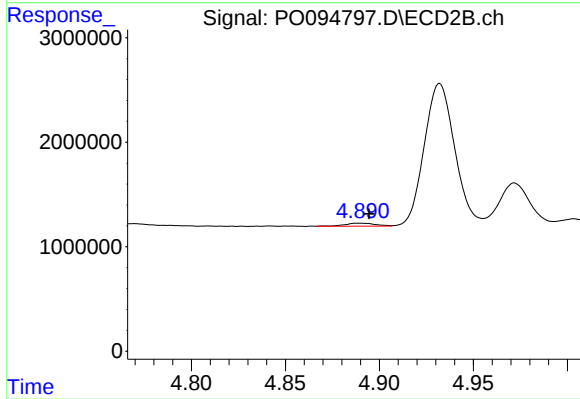
#17 AR-1242-2

R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 360280
Conc: 7.31 ng/ml



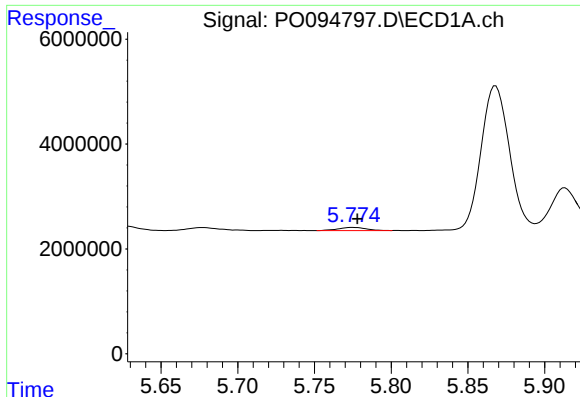
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.003 min
Response: 1063162
Conc: 13.06 ng/ml



#18 AR-1242-3

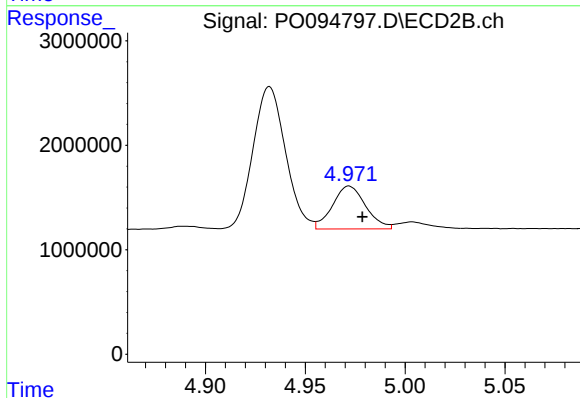
R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 324341
Conc: 12.47 ng/ml



#19 AR-1242-4

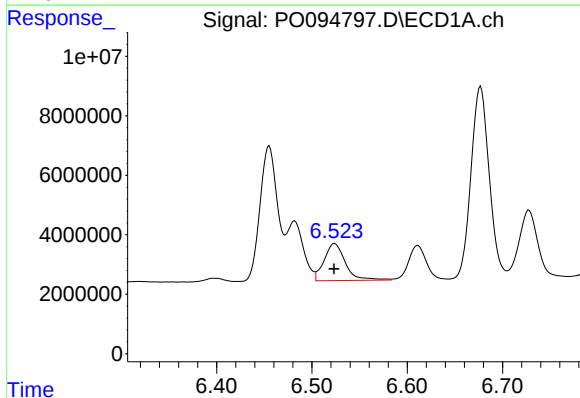
R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 789190
Conc: 12.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



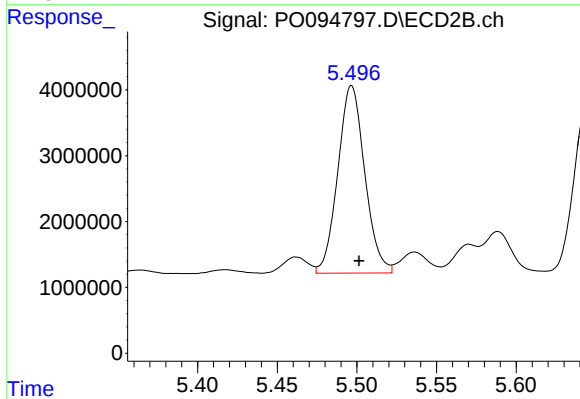
#19 AR-1242-4

R.T.: 4.972 min
Delta R.T.: -0.007 min
Response: 4761548
Conc: 160.86 ng/ml



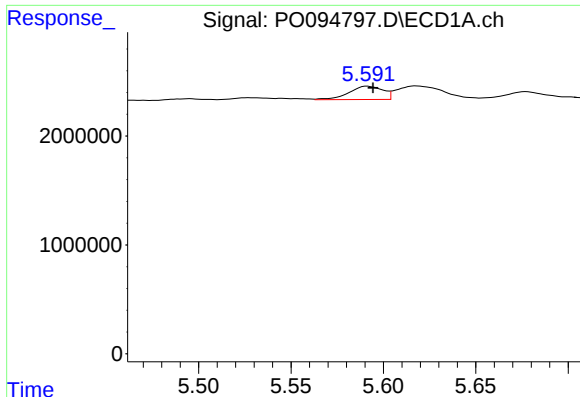
#20 AR-1242-5

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 19315417
Conc: 300.15 ng/ml



#20 AR-1242-5

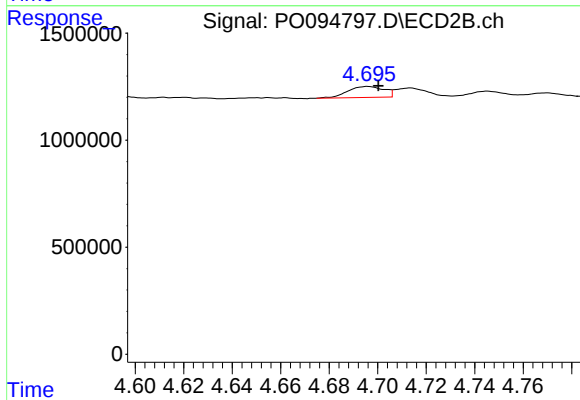
R.T.: 5.497 min
Delta R.T.: -0.005 min
Response: 33508901
Conc: 1060.57 ng/ml



#21 AR-1248-1

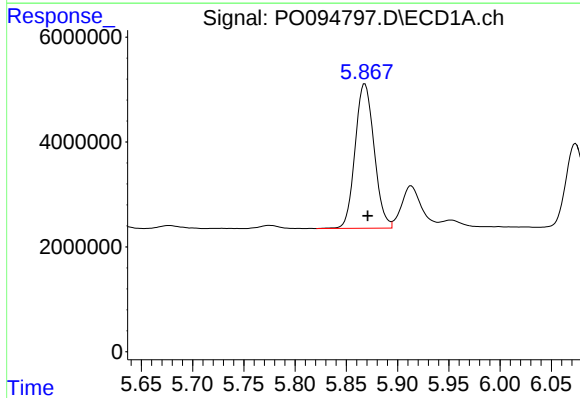
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 1554475
Conc: 24.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



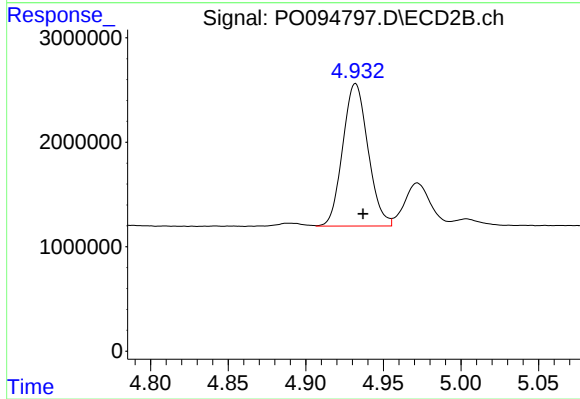
#21 AR-1248-1

R.T.: 4.696 min
Delta R.T.: -0.004 min
Response: 533478
Conc: 20.92 ng/ml



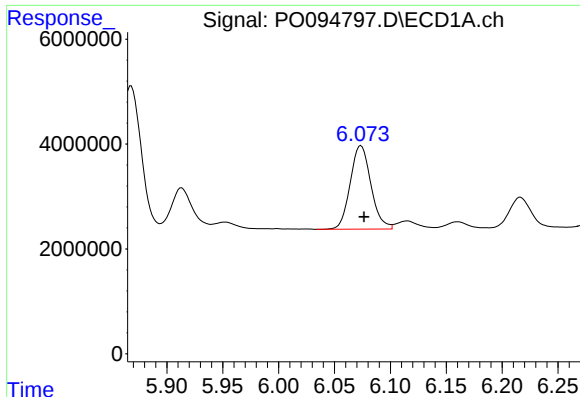
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.003 min
Response: 35651988
Conc: 340.73 ng/ml



#22 AR-1248-2

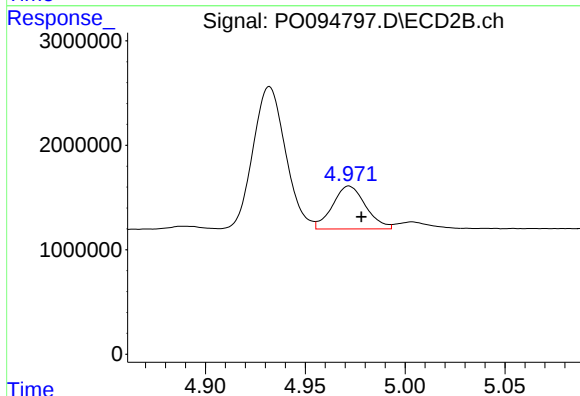
R.T.: 4.932 min
Delta R.T.: -0.005 min
Response: 15454160
Conc: 373.16 ng/ml



#23 AR-1248-3

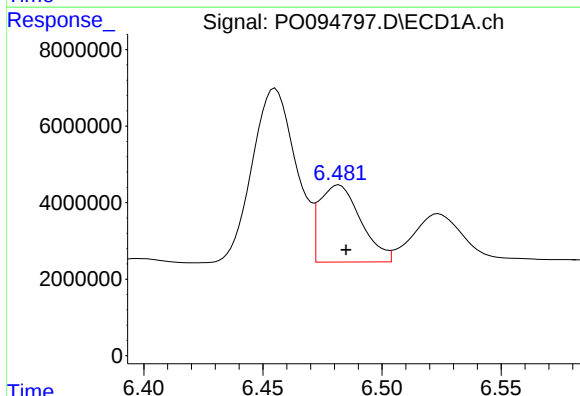
R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 20565405
Conc: 185.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



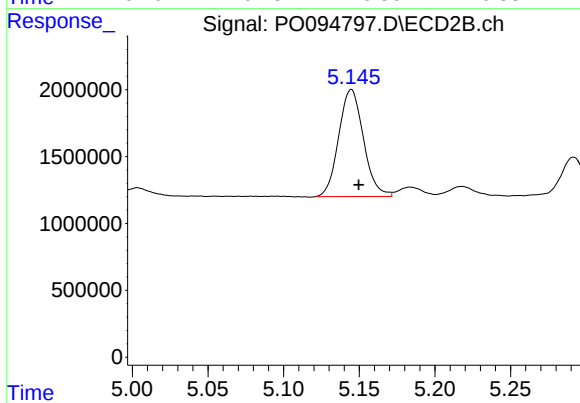
#23 AR-1248-3

R.T.: 4.972 min
Delta R.T.: -0.006 min
Response: 4761548
Conc: 110.98 ng/ml



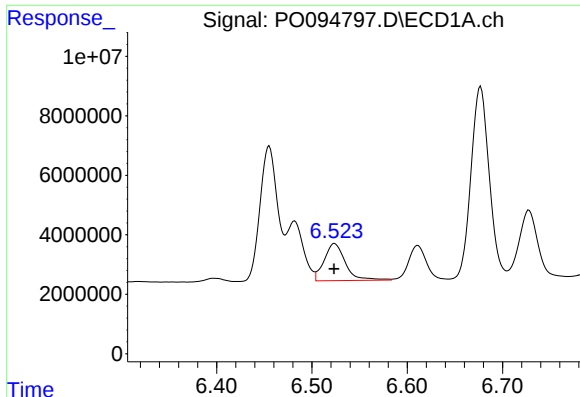
#24 AR-1248-4

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 24324058
Conc: 236.25 ng/ml



#24 AR-1248-4

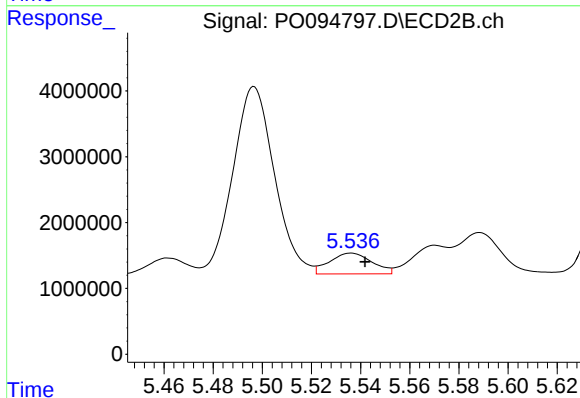
R.T.: 5.145 min
Delta R.T.: -0.005 min
Response: 9121832
Conc: 186.10 ng/ml



#25 AR-1248-5

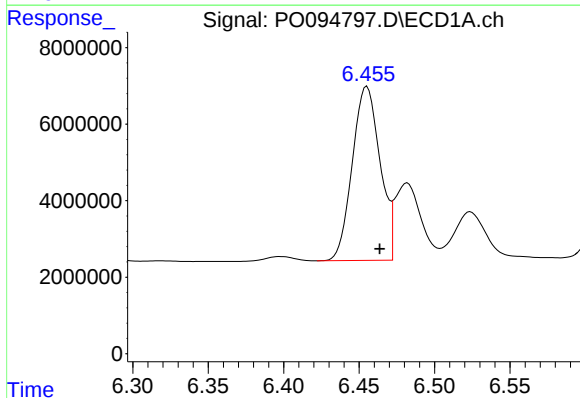
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 19315417
Conc: 177.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



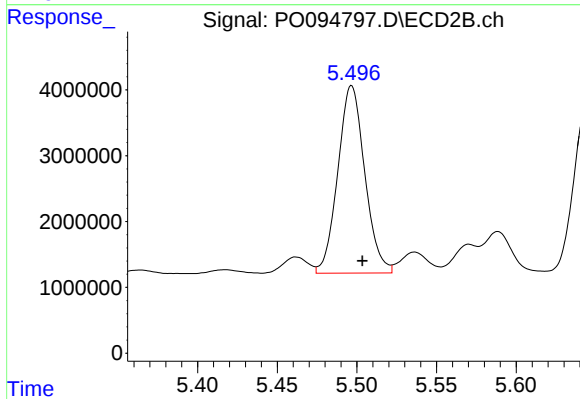
#25 AR-1248-5

R.T.: 5.536 min
Delta R.T.: -0.006 min
Response: 3806821
Conc: 95.68 ng/ml



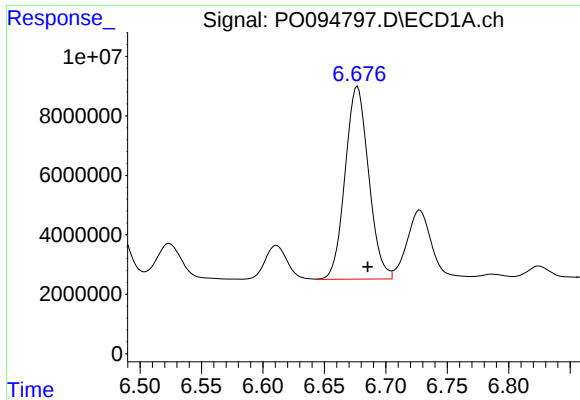
#26 AR-1254-1

R.T.: 6.455 min
Delta R.T.: -0.008 min
Response: 58228233
Conc: 459.58 ng/ml



#26 AR-1254-1

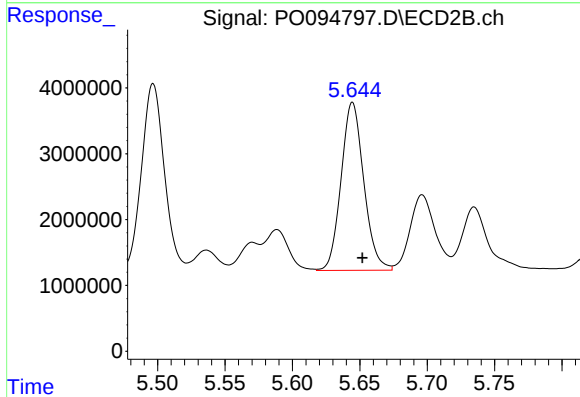
R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 33508901
Conc: 462.25 ng/ml



#27 AR-1254-2

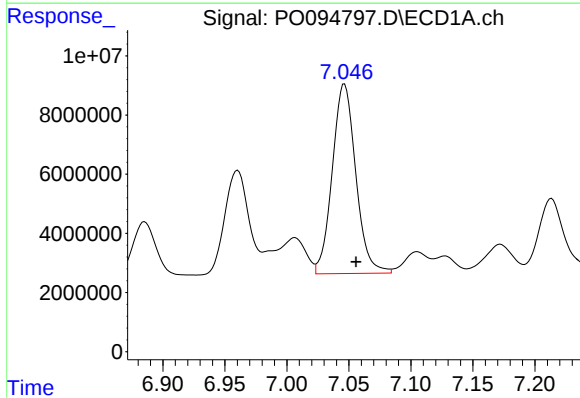
R.T.: 6.677 min
Delta R.T.: -0.008 min
Response: 86328128
Conc: 451.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



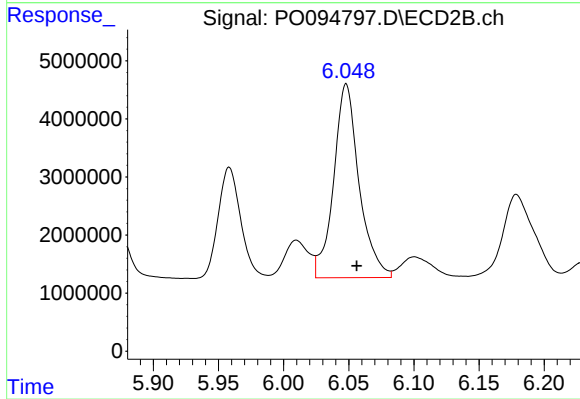
#27 AR-1254-2

R.T.: 5.645 min
Delta R.T.: -0.007 min
Response: 29978454
Conc: 459.45 ng/ml



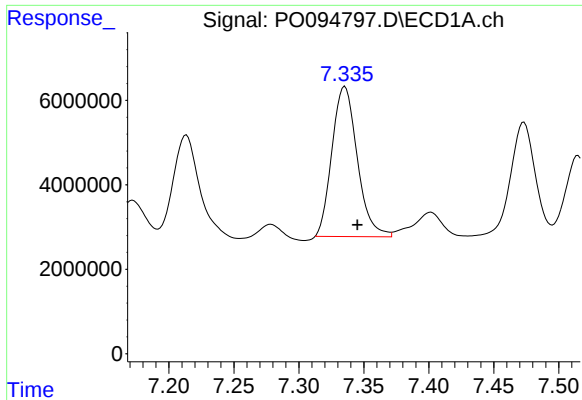
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: -0.009 min
Response: 84634059
Conc: 448.71 ng/ml



#28 AR-1254-3

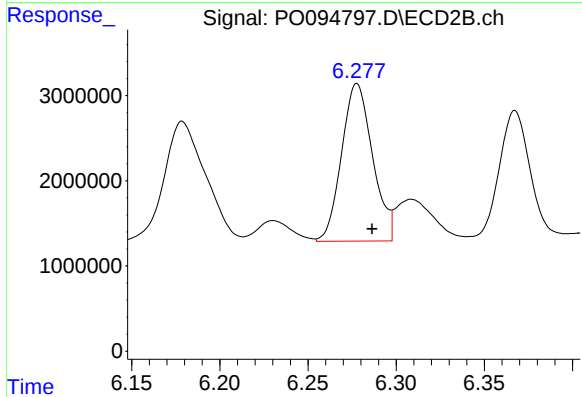
R.T.: 6.048 min
Delta R.T.: -0.008 min
Response: 45340718
Conc: 456.60 ng/ml



#29 AR-1254-4

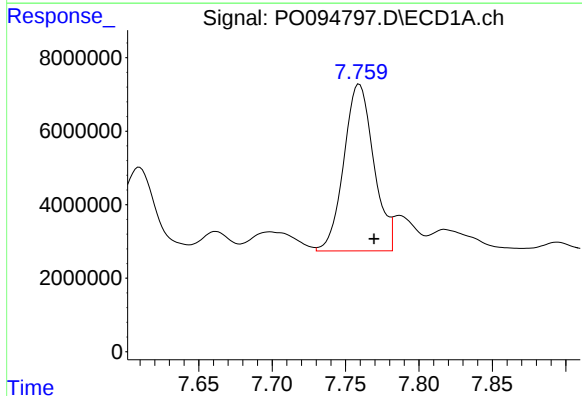
R.T.: 7.335 min
Delta R.T.: -0.010 min
Response: 48149387
Conc: 425.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



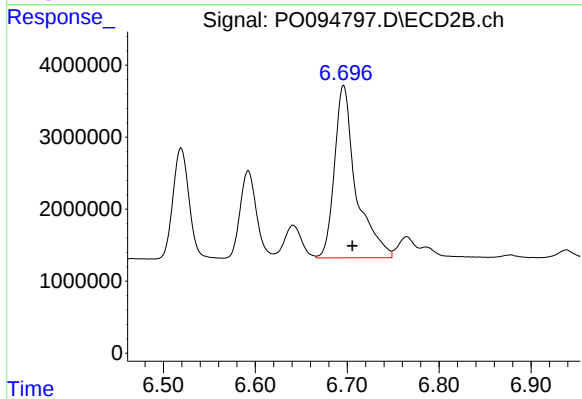
#29 AR-1254-4

R.T.: 6.278 min
Delta R.T.: -0.009 min
Response: 22625573
Conc: 458.39 ng/ml



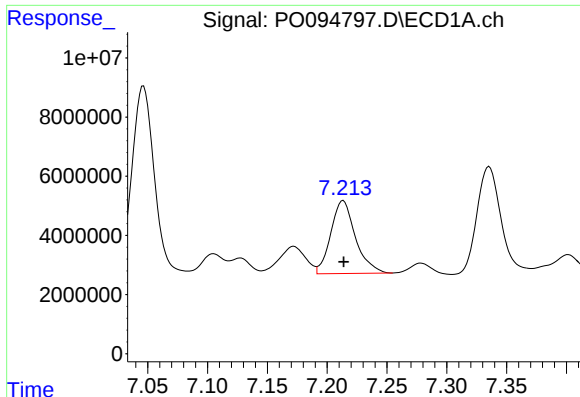
#30 AR-1254-5

R.T.: 7.759 min
Delta R.T.: -0.010 min
Response: 64252277
Conc: 458.79 ng/ml



#30 AR-1254-5

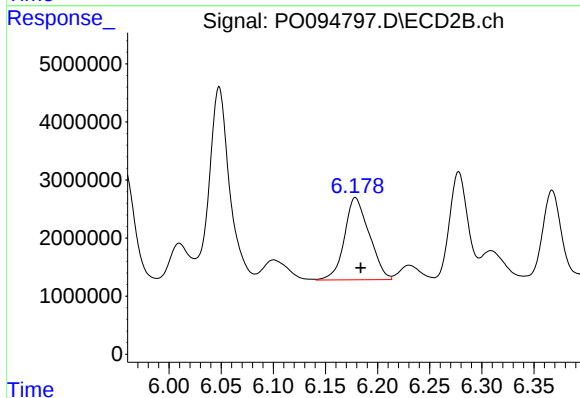
R.T.: 6.696 min
Delta R.T.: -0.009 min
Response: 38898807
Conc: 462.36 ng/ml



#31 AR-1260-1

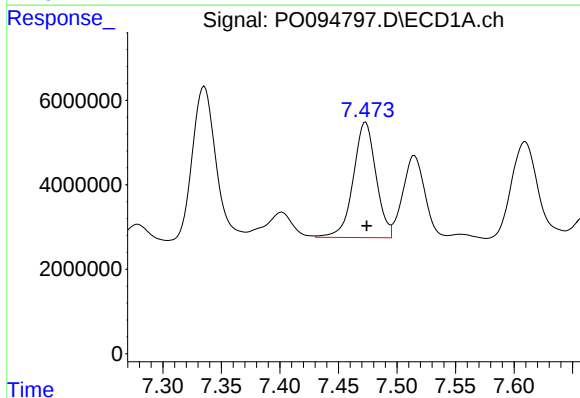
R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 35360766
Conc: 238.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



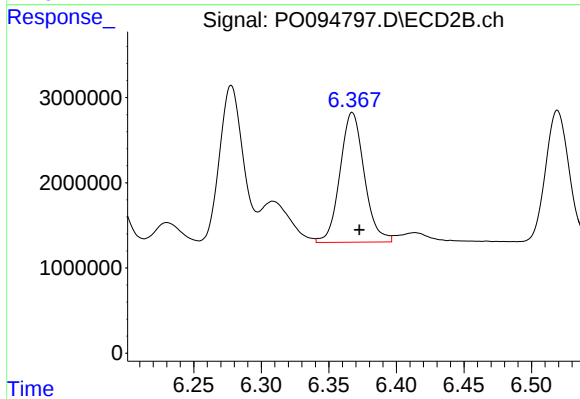
#31 AR-1260-1

R.T.: 6.179 min
Delta R.T.: -0.005 min
Response: 23424151
Conc: 332.73 ng/ml



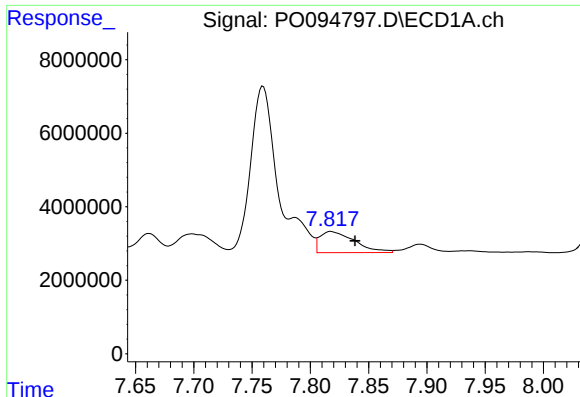
#32 AR-1260-2

R.T.: 7.473 min
Delta R.T.: 0.000 min
Response: 36869053
Conc: 227.36 ng/ml



#32 AR-1260-2

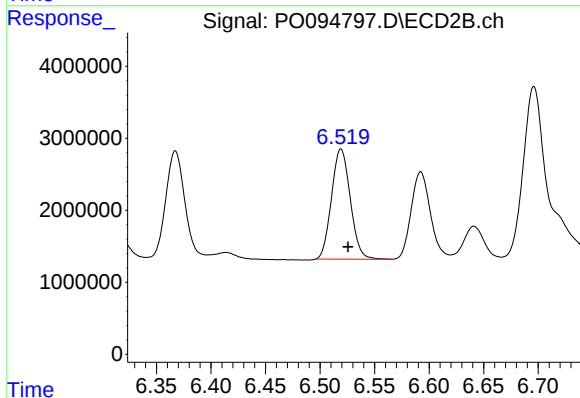
R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 19033849
Conc: 238.09 ng/ml



#33 AR-1260-3

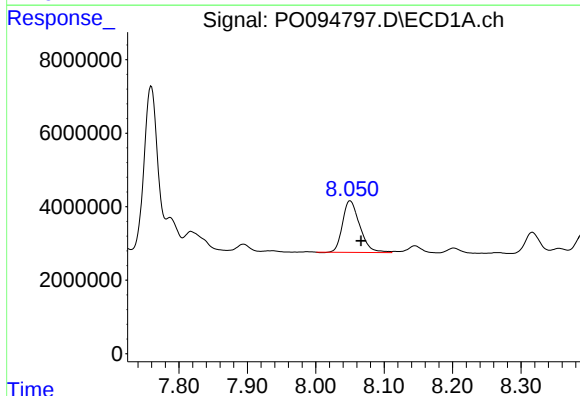
R.T.: 7.818 min
Delta R.T.: -0.021 min
Response: 12047724
Conc: 92.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



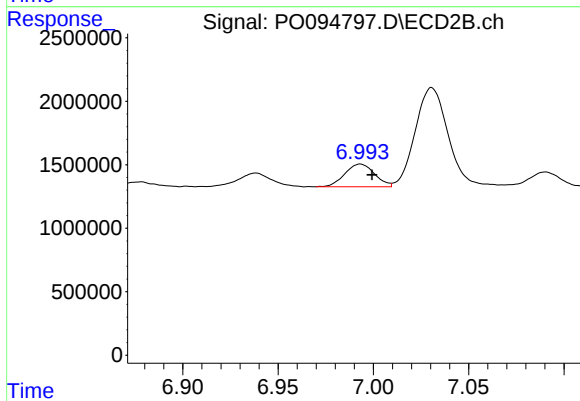
#33 AR-1260-3

R.T.: 6.519 min
Delta R.T.: -0.007 min
Response: 18329043
Conc: 243.73 ng/ml



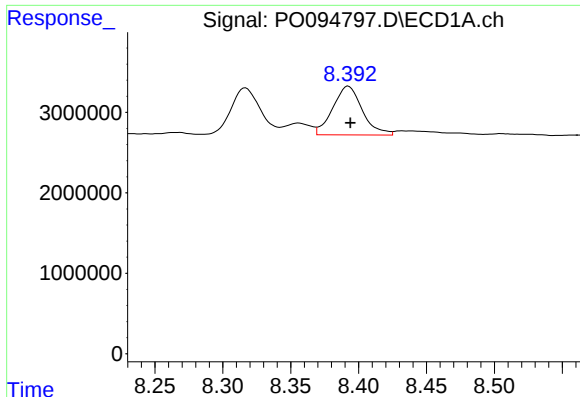
#34 AR-1260-4

R.T.: 8.050 min
Delta R.T.: -0.016 min
Response: 24558205
Conc: 175.63 ng/ml



#34 AR-1260-4

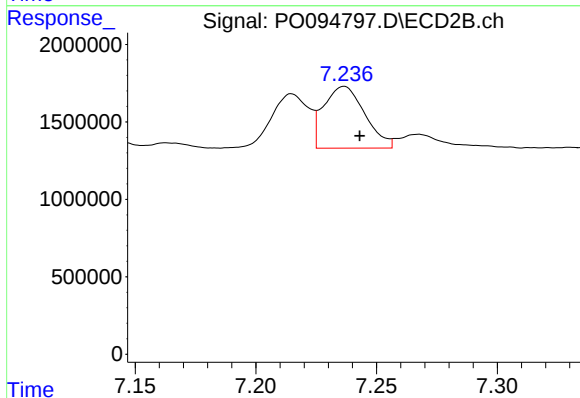
R.T.: 6.993 min
Delta R.T.: -0.006 min
Response: 1942495
Conc: 31.03 ng/ml



#35 AR-1260-5

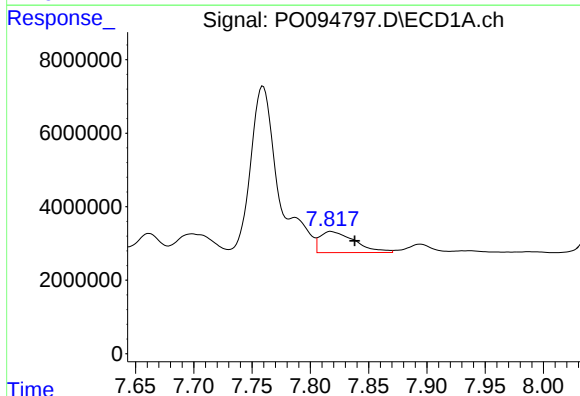
R.T.: 8.392 min
Delta R.T.: -0.002 min
Response: 9182208
Conc: 37.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



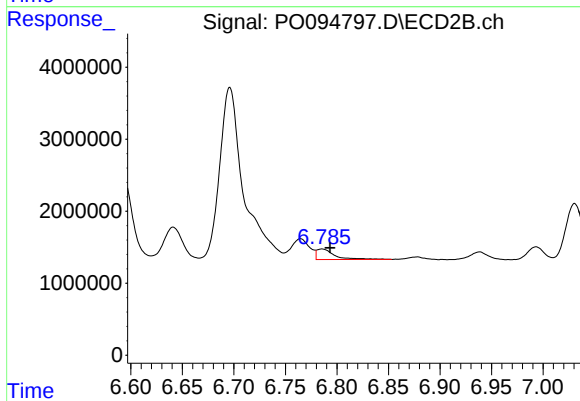
#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: -0.007 min
Response: 4733472
Conc: 37.56 ng/ml



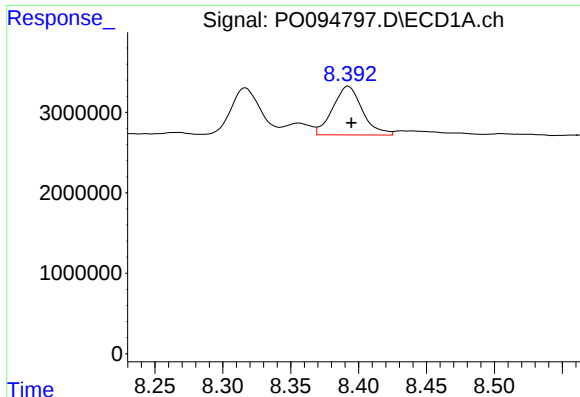
#36 AR-1262-1

R.T.: 7.818 min
Delta R.T.: -0.021 min
Response: 12047724
Conc: 71.73 ng/ml



#36 AR-1262-1

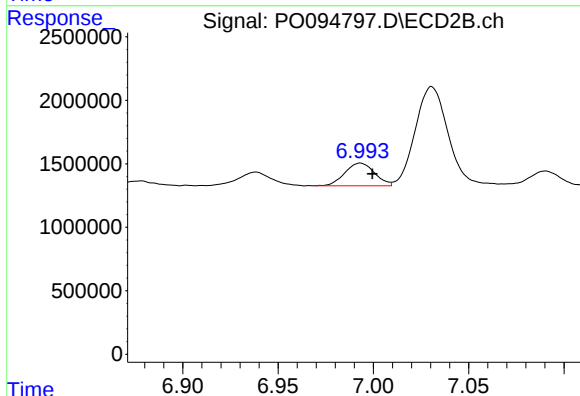
R.T.: 6.786 min
Delta R.T.: -0.008 min
Response: 1760982
Conc: 46.99 ng/ml



#37 AR-1262-2

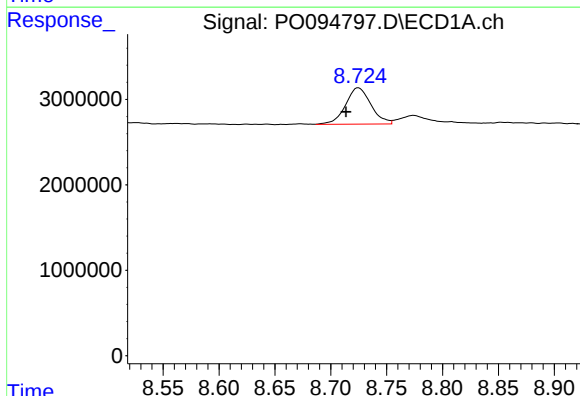
R.T.: 8.392 min
Delta R.T.: -0.002 min
Response: 9182208
Conc: 36.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



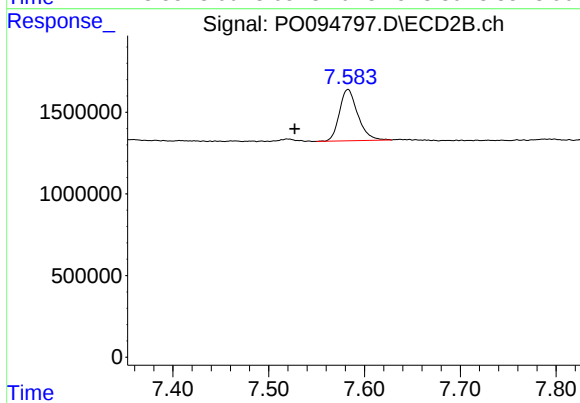
#37 AR-1262-2

R.T.: 6.993 min
Delta R.T.: -0.006 min
Response: 1942495
Conc: 26.04 ng/ml



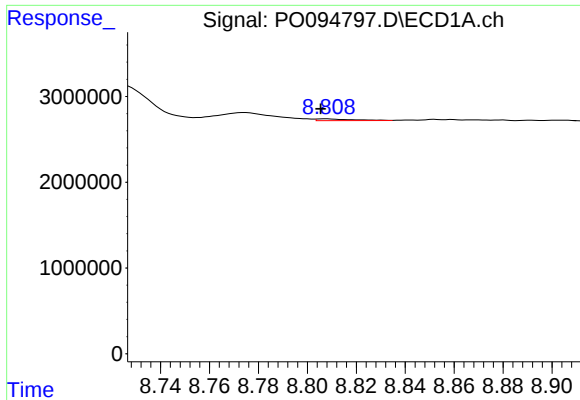
#38 AR-1262-3

R.T.: 8.725 min
Delta R.T.: 0.011 min
Response: 6748479
Conc: 37.37 ng/ml



#38 AR-1262-3

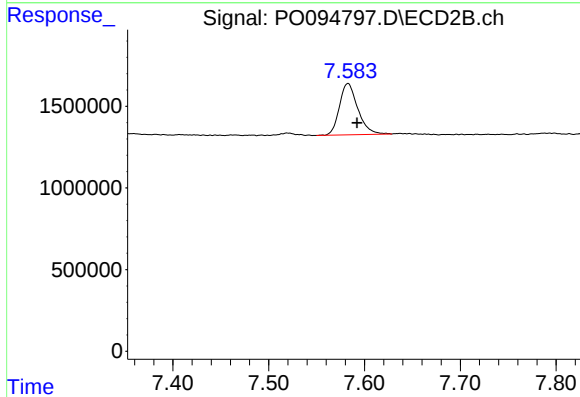
R.T.: 7.583 min
Delta R.T.: 0.055 min
Response: 4187675
Conc: 71.99 ng/ml



#39 AR-1262-4

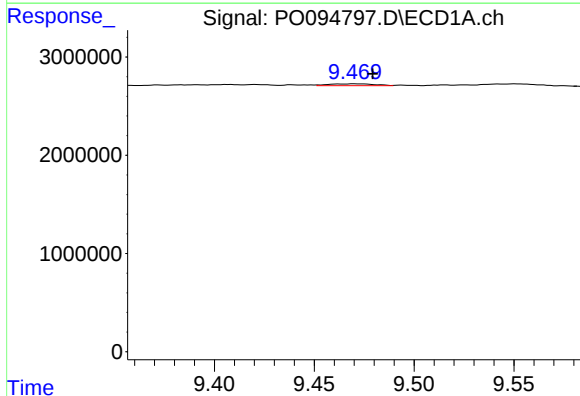
R.T.: 8.808 min
Delta R.T.: 0.003 min
Response: 205013
Conc: 2.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



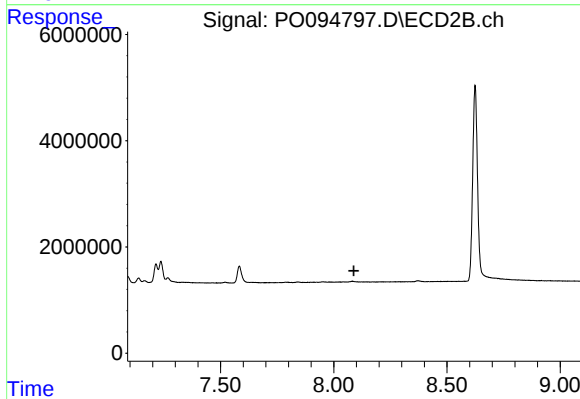
#39 AR-1262-4

R.T.: 7.583 min
Delta R.T.: -0.009 min
Response: 4187675
Conc: 41.35 ng/ml



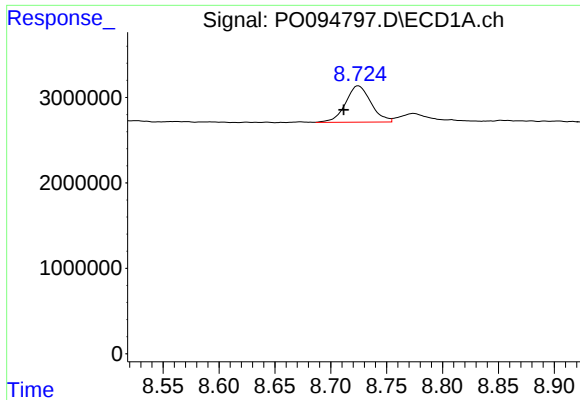
#40 AR-1262-5

R.T.: 9.470 min
Delta R.T.: -0.009 min
Response: 294542
Conc: 3.44 ng/ml



#40 AR-1262-5

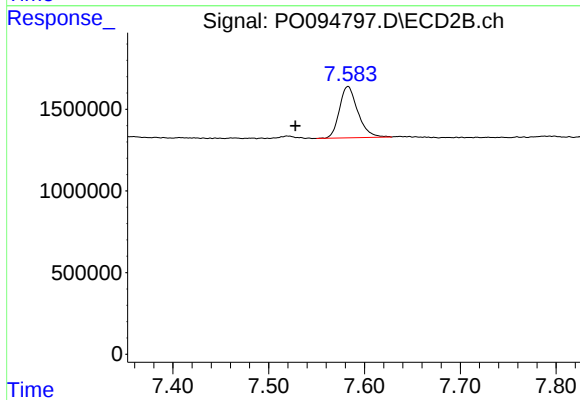
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

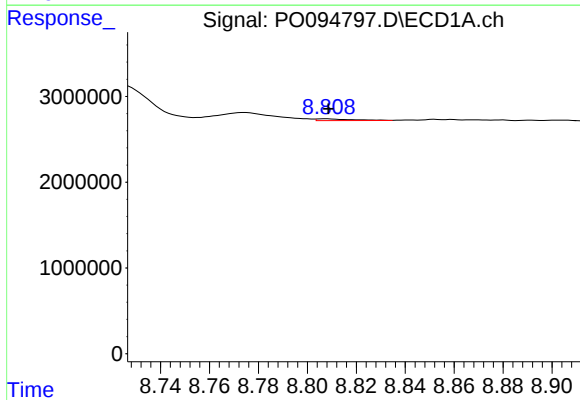
R.T.: 8.725 min
Delta R.T.: 0.013 min
Response: 6748479
Conc: 19.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



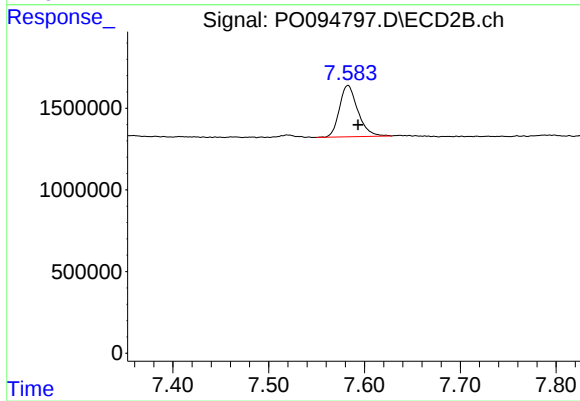
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: 0.055 min
Response: 4187675
Conc: 24.79 ng/ml



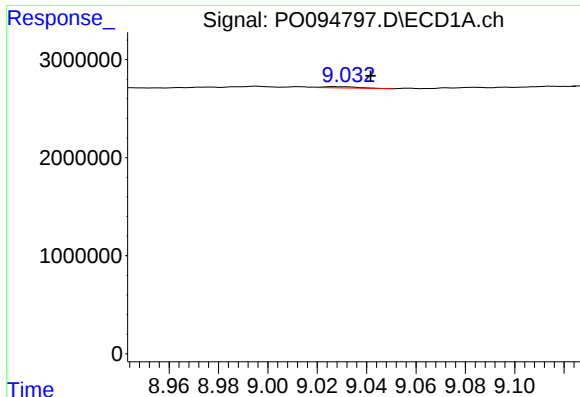
#42 AR-1268-2

R.T.: 8.808 min
Delta R.T.: 0.000 min
Response: 205013
Conc: 0.68 ng/ml



#42 AR-1268-2

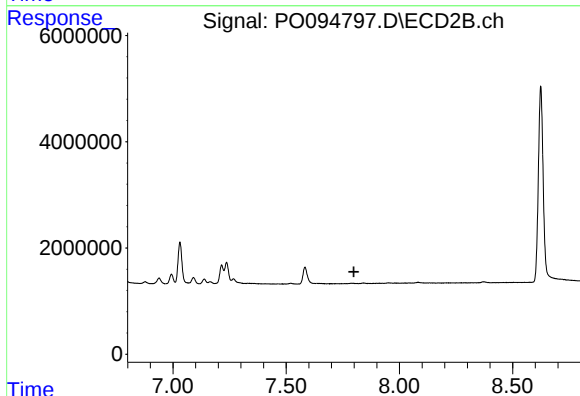
R.T.: 7.583 min
Delta R.T.: -0.011 min
Response: 4187675
Conc: 27.33 ng/ml



#43 AR-1268-3

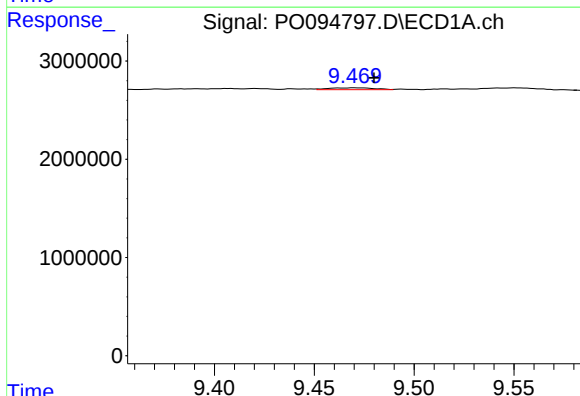
R.T.: 9.027 min
Delta R.T.: -0.015 min
Response: 123853
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



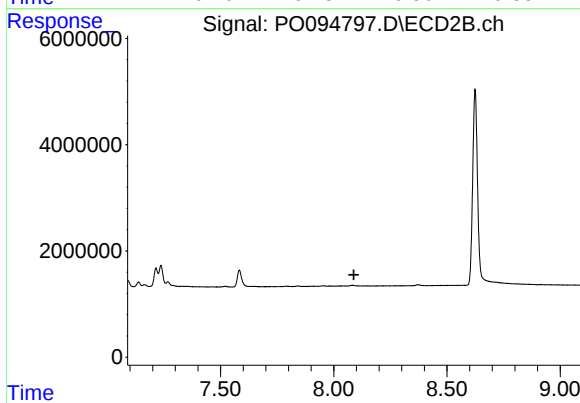
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.799 min
Response: 0
Conc: N.D.



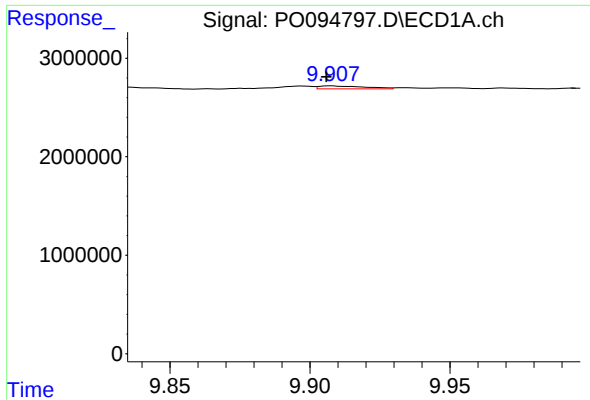
#44 AR-1268-4

R.T.: 9.470 min
Delta R.T.: -0.010 min
Response: 294542
Conc: 3.14 ng/ml



#44 AR-1268-4

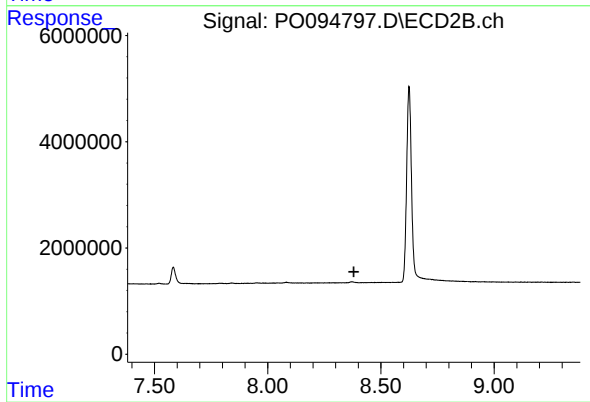
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.908 min
Delta R.T.: 0.002 min
Response: 341893
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.381 min
Response: 0
Conc: N.D.