

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102122\
 Data File : PR057526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2022 17:49
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 18:06:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102022.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 21 06:41:26 2022
 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...	3.693	2.926	148.3E6	88400694	57.452	58.374
2)	SA Decachlor...	9.636	8.191	114.1E6	109.2E6	47.058	53.126
Target Compounds							
3)	L1 AR-1016-1	4.923	4.044	1411069	647933	13.185	13.264
4)	L1 AR-1016-2	4.947	4.063	1734280	501760	12.004	6.759 #
5)	L1 AR-1016-3	5.010	4.243	615011	489606	6.885	11.983 #
6)	L1 AR-1016-4	5.113	4.292	766824	14126629	10.297	547.537 #
7)	L1 AR-1016-5	5.430	4.508	19297675	8997968	264.636	240.935
8)	L2 AR-1221-1	3.901	3.144	162154	219394	4.908	12.419 #
9)	L2 AR-1221-2	4.007	3.228	1959940	1162653	79.923	85.008
10)	L2 AR-1221-3	4.083	3.315	508207	263057	6.650	6.315
11)	L3 AR-1232-1	4.083	3.315	508207	263057	8.574	8.251
12)	L3 AR-1232-2	4.638	4.063	575581	501760	16.392	15.152
13)	L3 AR-1232-3	4.947	4.243	1734280	489606	26.409	26.049
14)	L3 AR-1232-4	5.113	4.333	766824	4319468	22.534	314.201 #
15)	L3 AR-1232-5	5.217	4.508	34094248	8997968	1384.647	544.300 #
16)	L4 AR-1242-1	4.923	4.044	1411069	647933	16.455	16.944
17)	L4 AR-1242-2	4.947	4.063	1734280	501760	15.284	8.662 #
18)	L4 AR-1242-3	5.010	4.243	615011	489606	8.653	15.099 #
19)	L4 AR-1242-4	5.113	4.333	766824	4319468	12.842	159.480 #
20)	L4 AR-1242-5	5.908	4.879	18289351	38328772	293.342	998.302 #
21)	L5 AR-1248-1	4.923	4.044	1411069	647933	21.849	21.948
22)	L5 AR-1248-2	5.217	4.292	34094248	14126629	412.505	393.156
23)	L5 AR-1248-3	5.430	4.333	19297675	4319468	198.010	114.200 #
24)	L5 AR-1248-4	5.865	4.508	29380577	8997968	265.510	182.952 #
25)	L5 AR-1248-5	5.908	4.921	18289351	4706974	173.449	89.959 #
26)	L6 AR-1254-1	5.836	4.879	62413854	38328772	521.273	508.164
27)	L6 AR-1254-2	6.074	5.038	97723401	34168332	507.119	510.423
28)	L6 AR-1254-3	6.468	5.460	103.1E6	61808660	508.328	504.668
29)	L6 AR-1254-4	6.780	5.705	78379351	38908018	505.588	510.148
30)	L6 AR-1254-5	7.236	6.152	85730457	56396113	494.590	511.928
31)	L7 AR-1260-1	6.648	5.601	43027888	28446938	301.176	389.979 #
32)	L7 AR-1260-2	6.932	5.805	48875619	22028404	282.590	250.953
33)	L7 AR-1260-3	7.300f	5.961	11401077	25278575	103.216	292.782 #
34)	L7 AR-1260-4	7.547f	6.471	34033396	2774725	256.622	41.981 #
35)	L7 AR-1260-5	7.905	6.736	11155712	4245330	42.645	25.121 #
36)	L8 AR-1262-1	7.300f	6.223f	11401077	2504682	59.598	25.101 #
37)	L8 AR-1262-2	7.905	6.471	11155712	2774725	32.155	28.241
38)	L8 AR-1262-3	8.225	7.041	8764764	551622	40.427	6.398 #
39)	L8 AR-1262-4	8.270f	7.105	1937517	7494837	19.184	42.289 #
40)	L8 AR-1262-5	8.930	7.647	621530	674352	5.149	7.578 #
41)	L9 AR-1268-1	8.225	7.041	8764764	551622	21.222	2.011 #

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 Operator : AJ\MA
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 Quant Title : GC EXTRACTABLES
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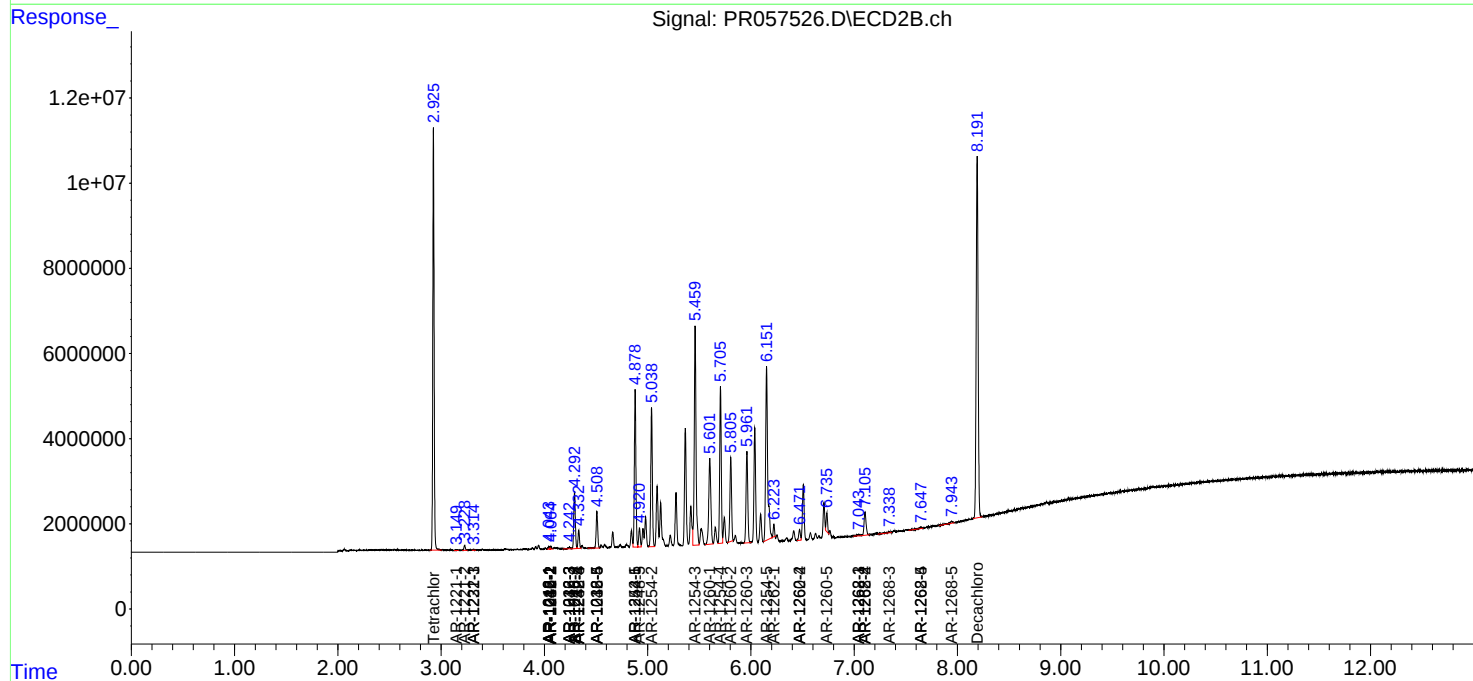
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

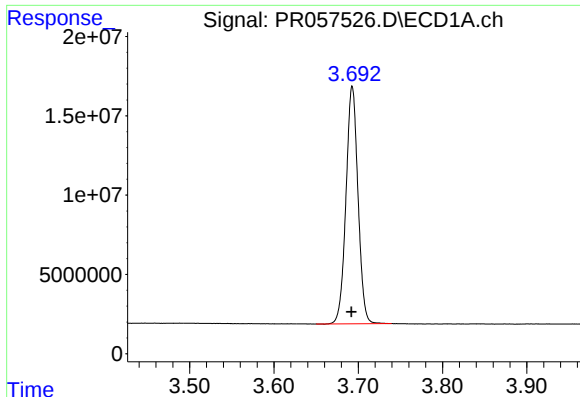
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.105	0	7494837	N.D.	26.254 #
43) L9	AR-1268-3	8.523	7.339	209286	713650	0.665	2.965 #
44) L9	AR-1268-4	8.930	7.647	621530	674352	4.402	6.748 #
45) L9	AR-1268-5	9.321	7.944	835755	704035	0.808	0.757

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

Instrument :
ECD_R
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

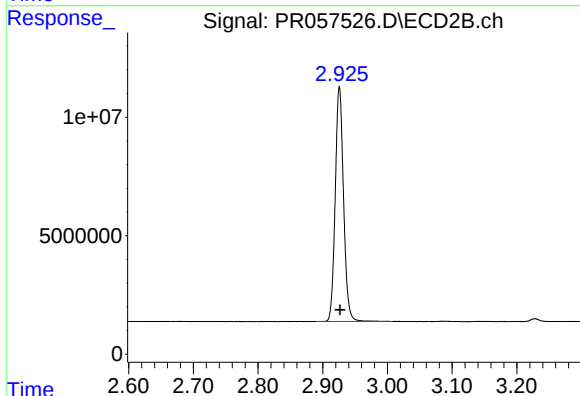




#1 Tetrachloro-m-xylene

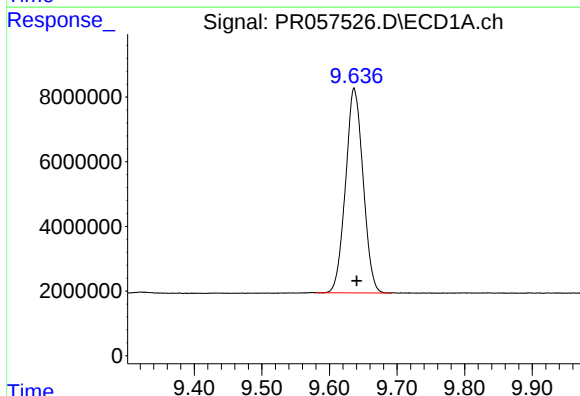
R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 148348340
Conc: 57.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



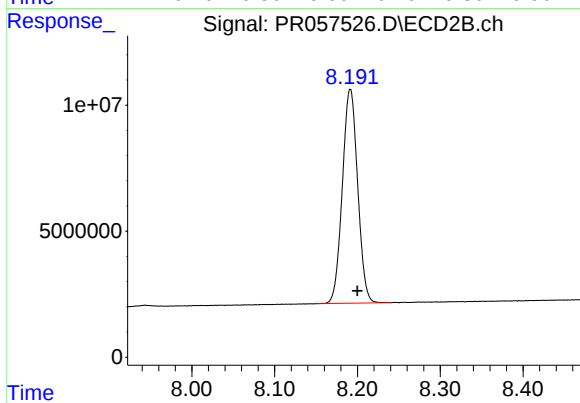
#1 Tetrachloro-m-xylene

R.T.: 2.926 min
Delta R.T.: 0.000 min
Response: 88400694
Conc: 58.37 ng/ml



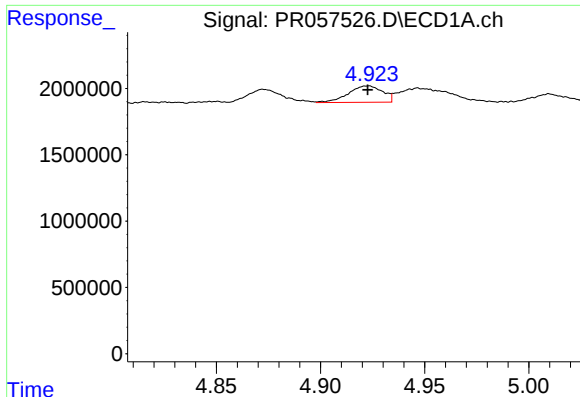
#2 Decachlorobiphenyl

R.T.: 9.636 min
Delta R.T.: -0.004 min
Response: 114109774
Conc: 47.06 ng/ml



#2 Decachlorobiphenyl

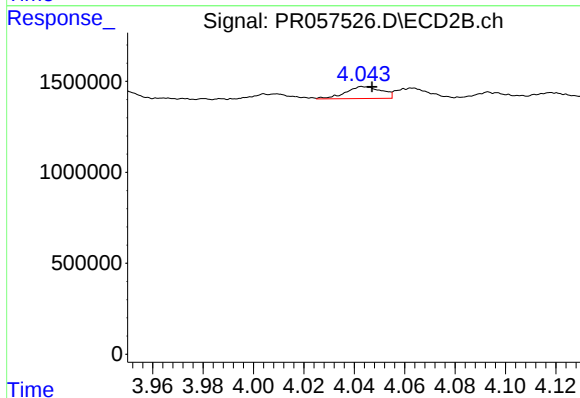
R.T.: 8.191 min
Delta R.T.: -0.008 min
Response: 109216566
Conc: 53.13 ng/ml



#3 AR-1016-1

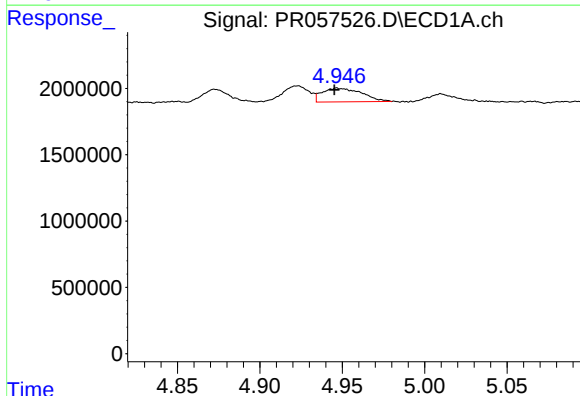
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 1411069
Conc: 13.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



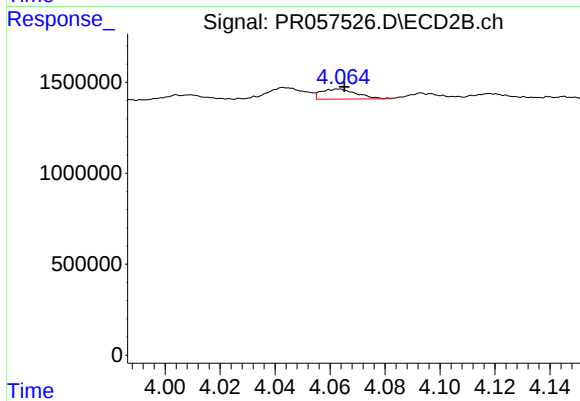
#3 AR-1016-1

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 647933
Conc: 13.26 ng/ml



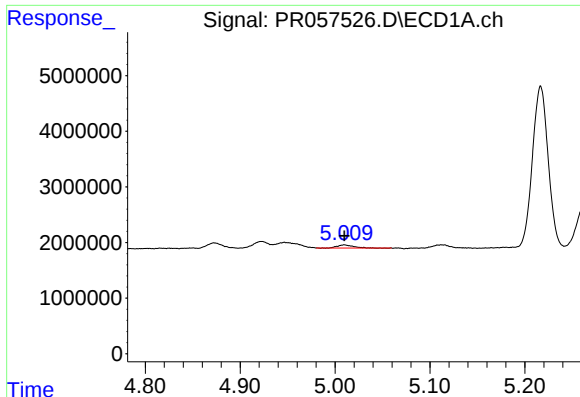
#4 AR-1016-2

R.T.: 4.947 min
Delta R.T.: 0.002 min
Response: 1734280
Conc: 12.00 ng/ml



#4 AR-1016-2

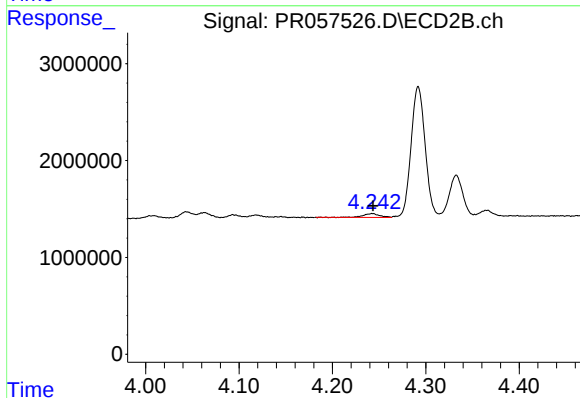
R.T.: 4.063 min
Delta R.T.: -0.002 min
Response: 501760
Conc: 6.76 ng/ml



#5 AR-1016-3

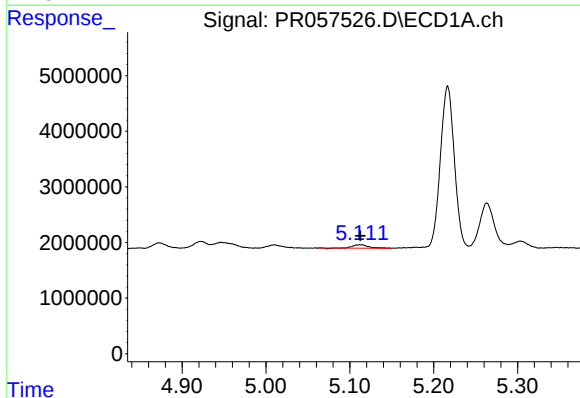
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 615011
Conc: 6.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



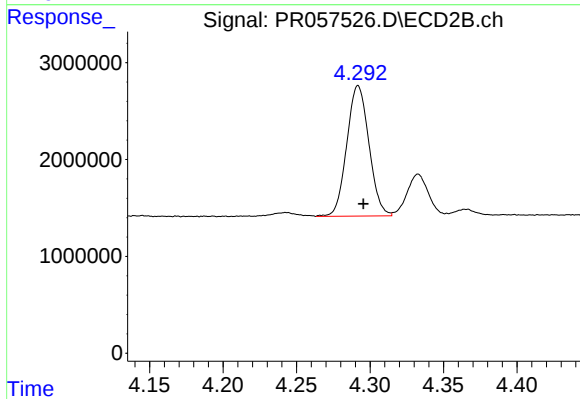
#5 AR-1016-3

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 489606
Conc: 11.98 ng/ml



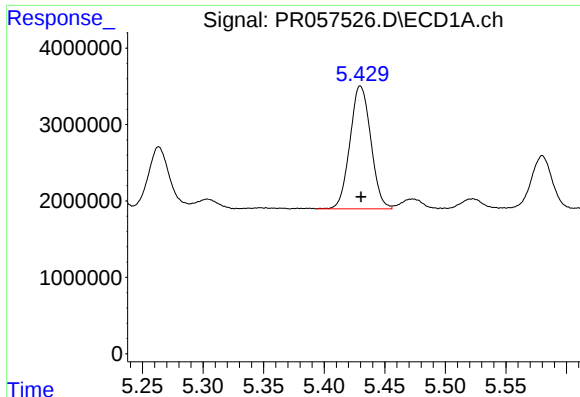
#6 AR-1016-4

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 766824
Conc: 10.30 ng/ml



#6 AR-1016-4

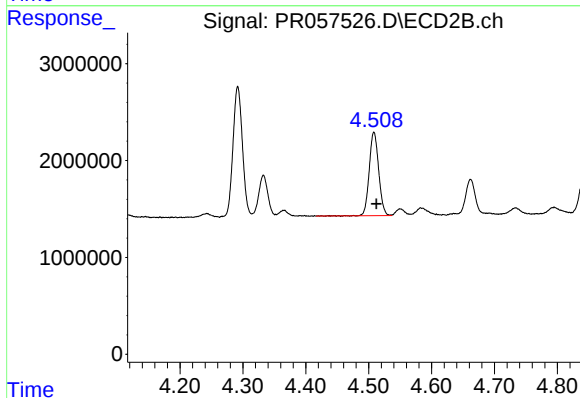
R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 14126629
Conc: 547.54 ng/ml



#7 AR-1016-5

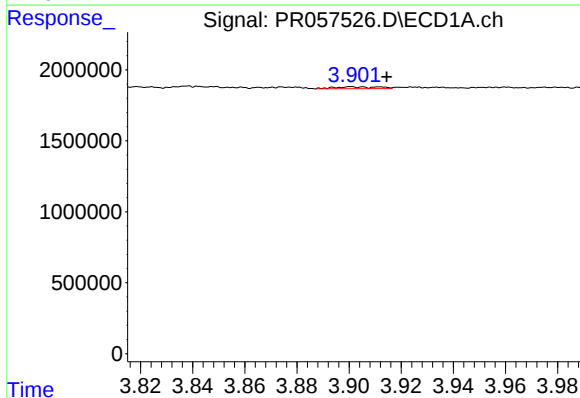
R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 19297675
Conc: 264.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



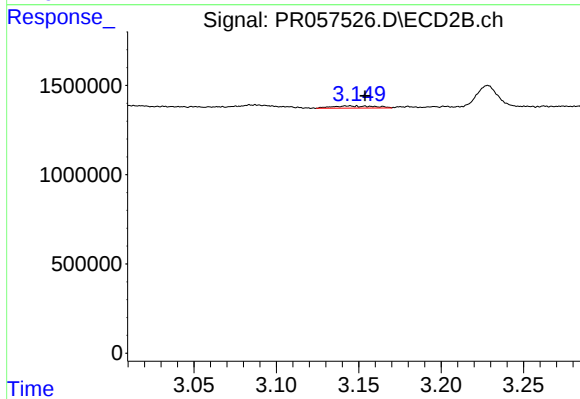
#7 AR-1016-5

R.T.: 4.508 min
Delta R.T.: -0.004 min
Response: 8997968
Conc: 240.94 ng/ml



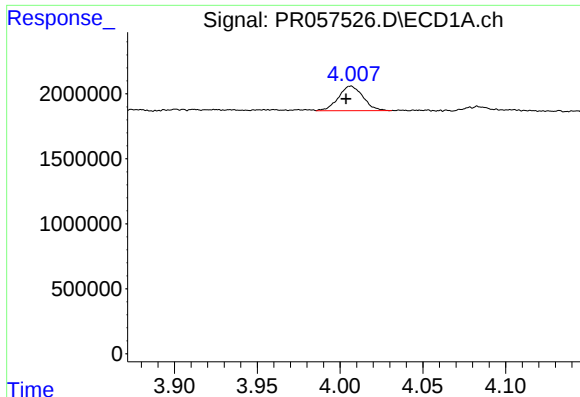
#8 AR-1221-1

R.T.: 3.901 min
Delta R.T.: -0.014 min
Response: 162154
Conc: 4.91 ng/ml



#8 AR-1221-1

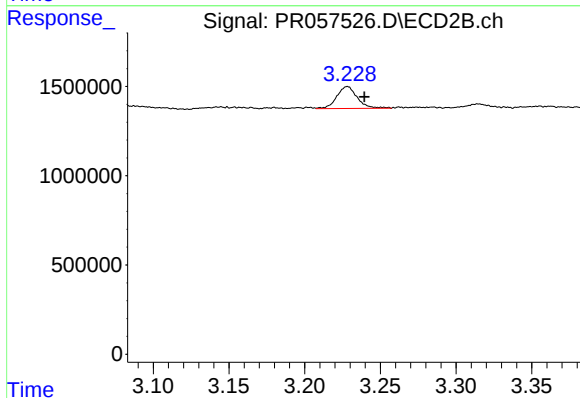
R.T.: 3.144 min
Delta R.T.: -0.010 min
Response: 219394
Conc: 12.42 ng/ml



#9 AR-1221-2

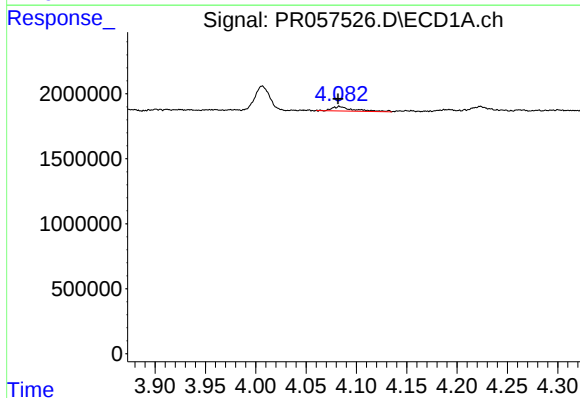
R.T.: 4.007 min
Delta R.T.: 0.003 min
Response: 1959940
Conc: 79.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



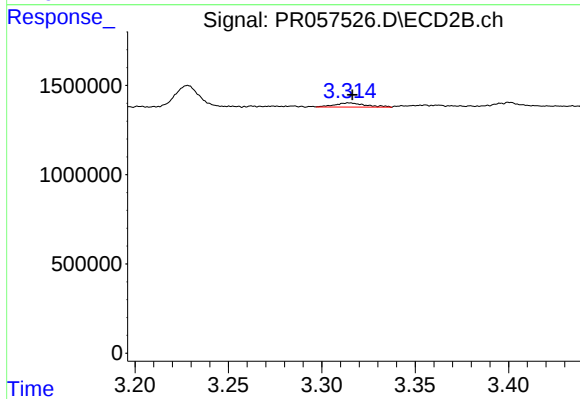
#9 AR-1221-2

R.T.: 3.228 min
Delta R.T.: -0.011 min
Response: 1162653
Conc: 85.01 ng/ml



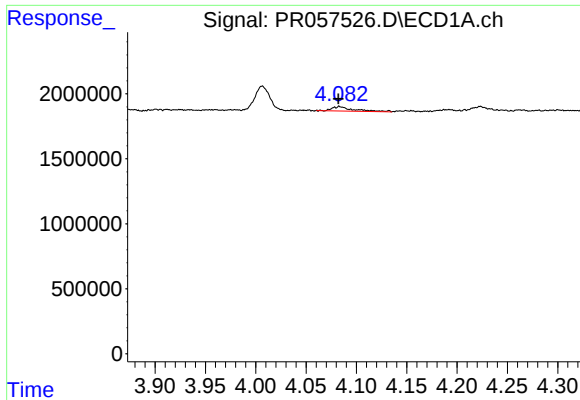
#10 AR-1221-3

R.T.: 4.083 min
Delta R.T.: 0.002 min
Response: 508207
Conc: 6.65 ng/ml



#10 AR-1221-3

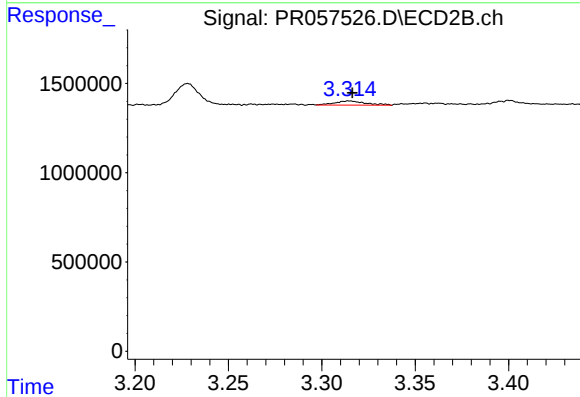
R.T.: 3.315 min
Delta R.T.: -0.002 min
Response: 263057
Conc: 6.31 ng/ml



#11 AR-1232-1

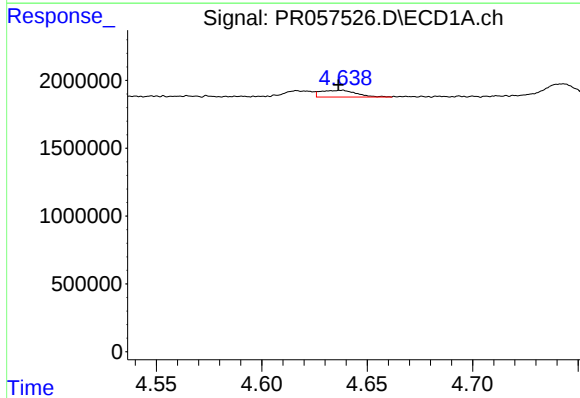
R.T.: 4.083 min
Delta R.T.: 0.001 min
Response: 508207
Conc: 8.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



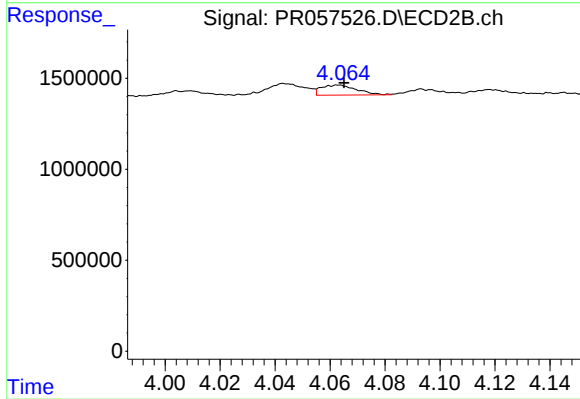
#11 AR-1232-1

R.T.: 3.315 min
Delta R.T.: -0.002 min
Response: 263057
Conc: 8.25 ng/ml



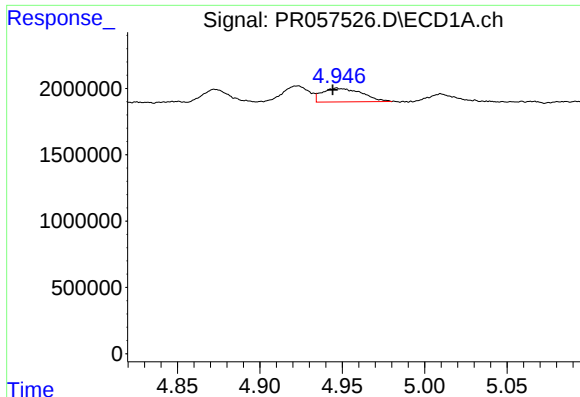
#12 AR-1232-2

R.T.: 4.638 min
Delta R.T.: 0.002 min
Response: 575581
Conc: 16.39 ng/ml



#12 AR-1232-2

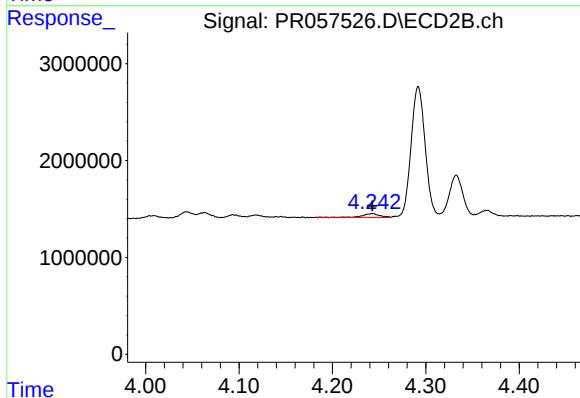
R.T.: 4.063 min
Delta R.T.: -0.002 min
Response: 501760
Conc: 15.15 ng/ml



#13 AR-1232-3

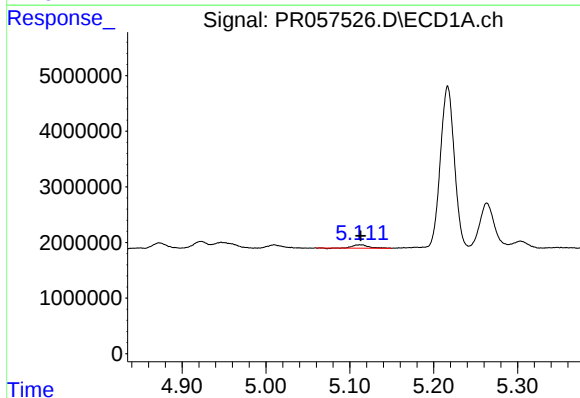
R.T.: 4.947 min
Delta R.T.: 0.003 min
Response: 1734280
Conc: 26.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



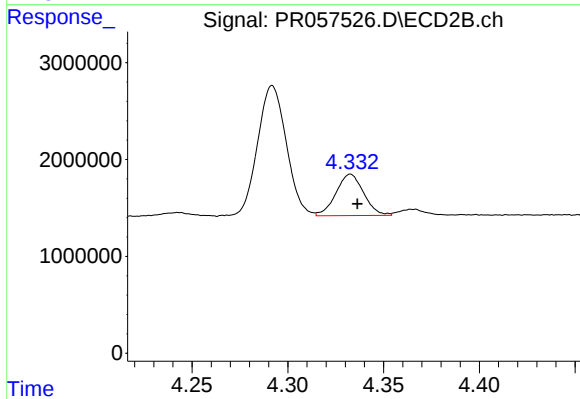
#13 AR-1232-3

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 489606
Conc: 26.05 ng/ml



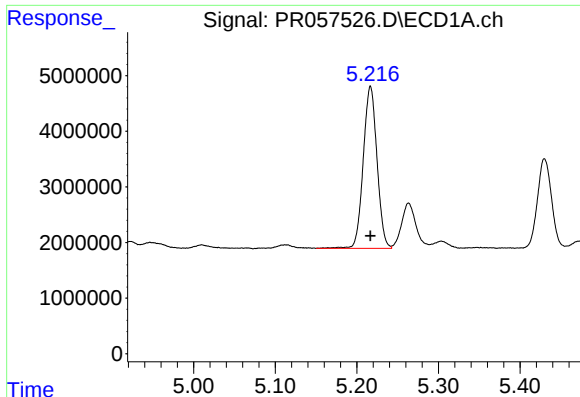
#14 AR-1232-4

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 766824
Conc: 22.53 ng/ml



#14 AR-1232-4

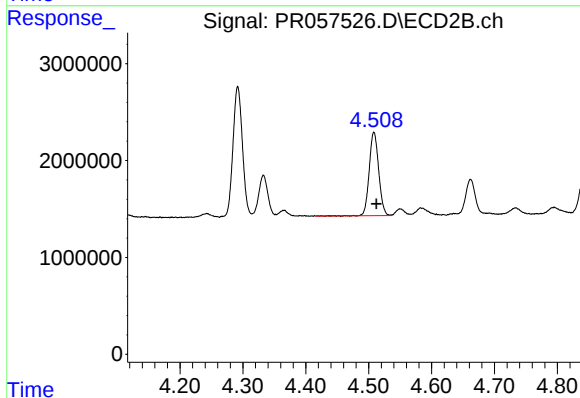
R.T.: 4.333 min
Delta R.T.: -0.004 min
Response: 4319468
Conc: 314.20 ng/ml



#15 AR-1232-5

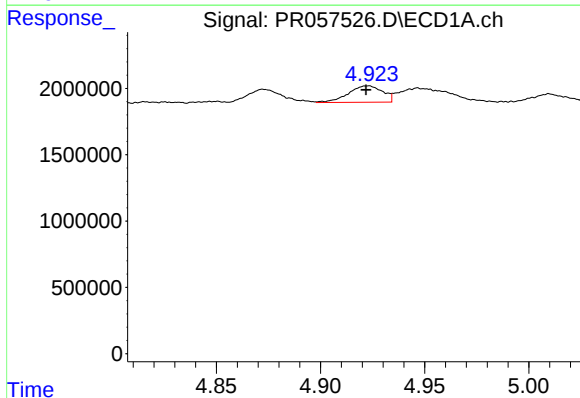
R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 34094248
Conc: 1384.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



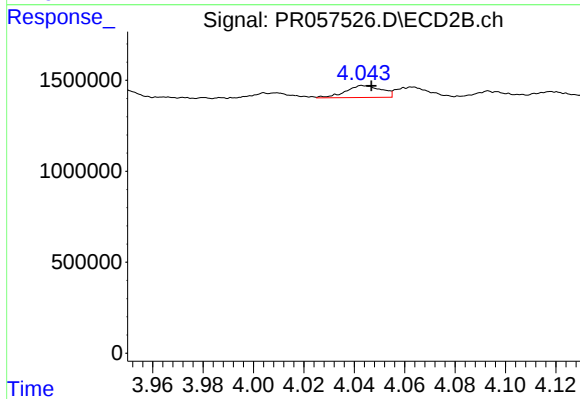
#15 AR-1232-5

R.T.: 4.508 min
Delta R.T.: -0.004 min
Response: 8997968
Conc: 544.30 ng/ml



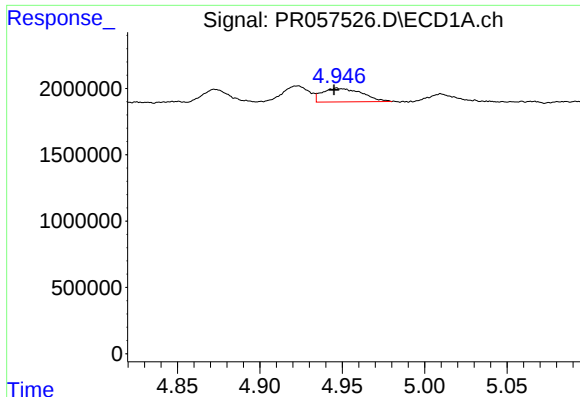
#16 AR-1242-1

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 1411069
Conc: 16.46 ng/ml



#16 AR-1242-1

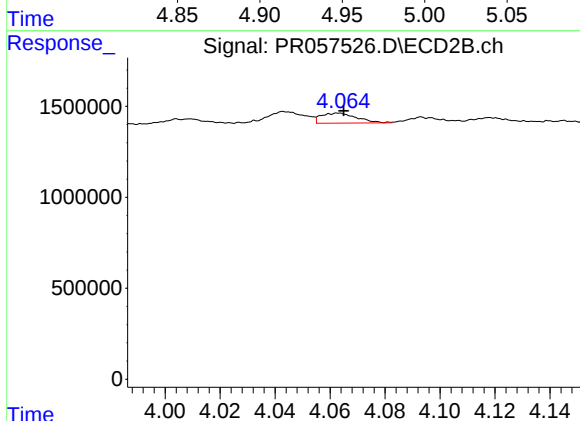
R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 647933
Conc: 16.94 ng/ml



#17 AR-1242-2

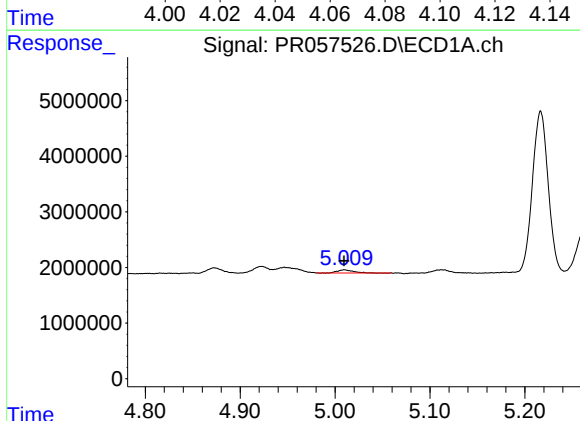
R.T.: 4.947 min
Delta R.T.: 0.002 min
Response: 1734280
Conc: 15.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



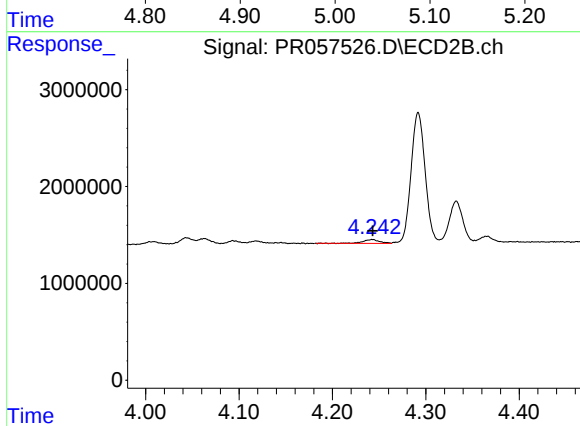
#17 AR-1242-2

R.T.: 4.063 min
Delta R.T.: -0.002 min
Response: 501760
Conc: 8.66 ng/ml



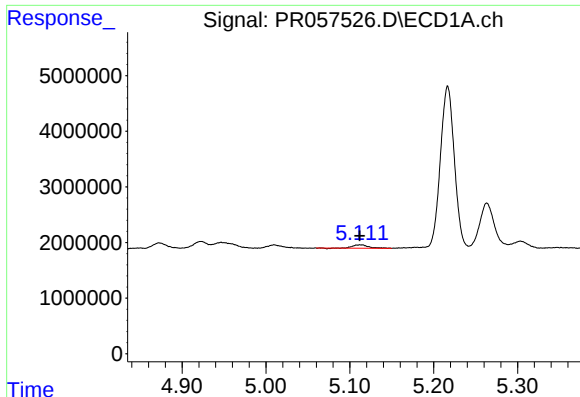
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 615011
Conc: 8.65 ng/ml



#18 AR-1242-3

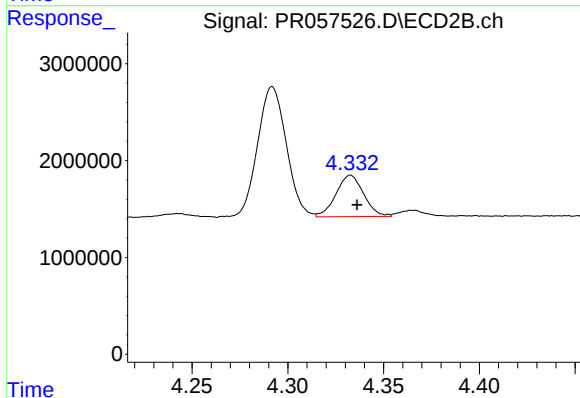
R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 489606
Conc: 15.10 ng/ml



#19 AR-1242-4

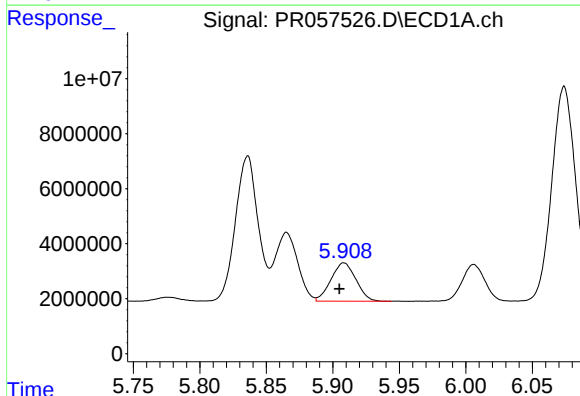
R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 766824
Conc: 12.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



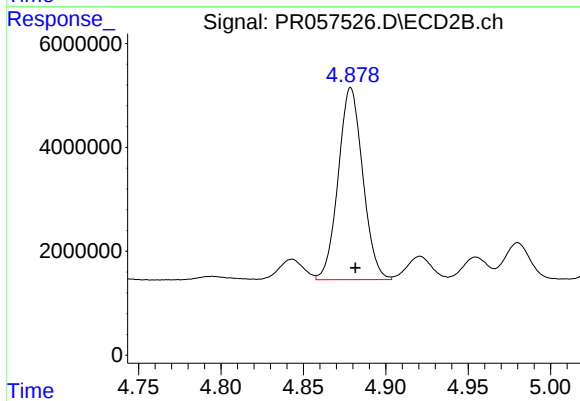
#19 AR-1242-4

R.T.: 4.333 min
Delta R.T.: -0.003 min
Response: 4319468
Conc: 159.48 ng/ml



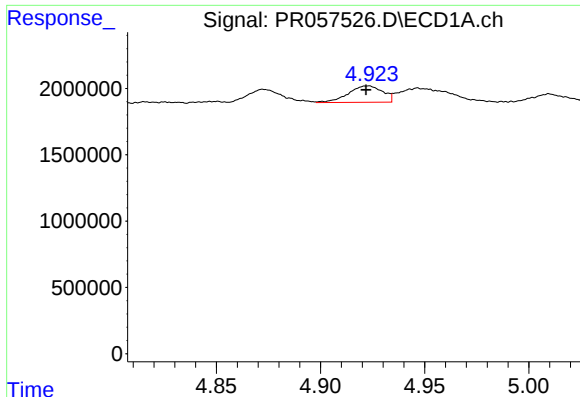
#20 AR-1242-5

R.T.: 5.908 min
Delta R.T.: 0.003 min
Response: 18289351
Conc: 293.34 ng/ml



#20 AR-1242-5

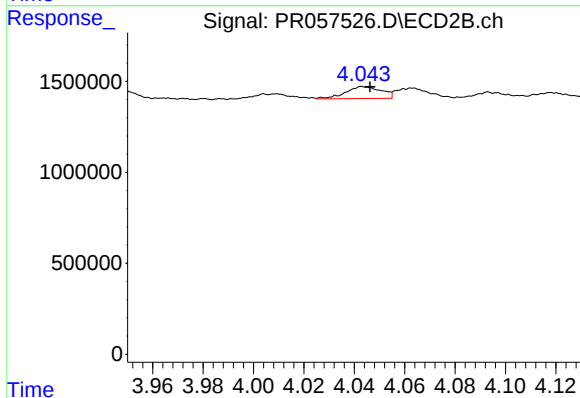
R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 38328772
Conc: 998.30 ng/ml



#21 AR-1248-1

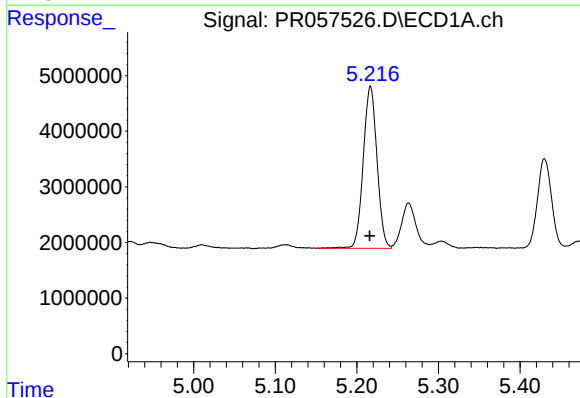
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 1411069
Conc: 21.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



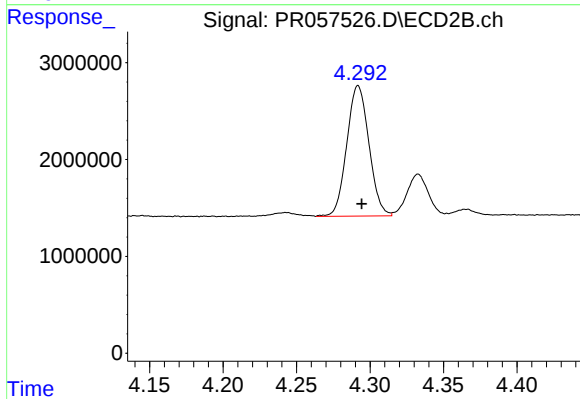
#21 AR-1248-1

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 647933
Conc: 21.95 ng/ml



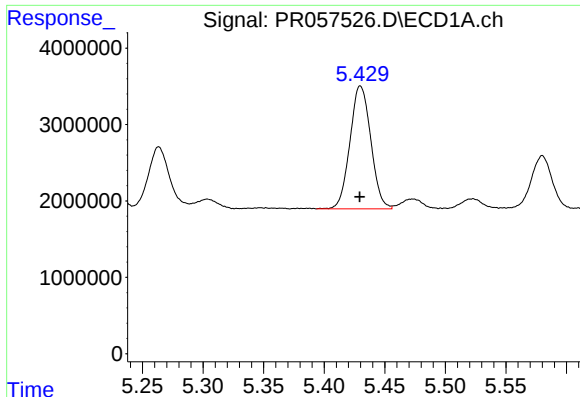
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 34094248
Conc: 412.50 ng/ml



#22 AR-1248-2

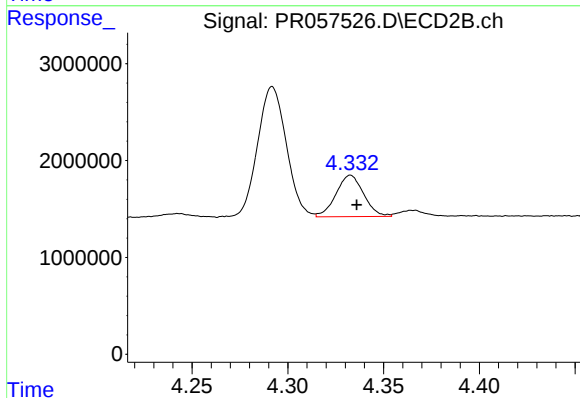
R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 14126629
Conc: 393.16 ng/ml



#23 AR-1248-3

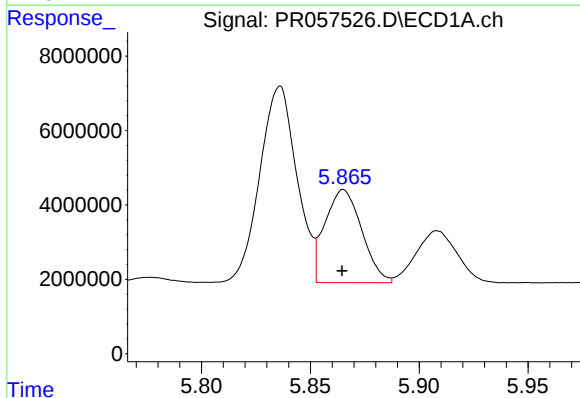
R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 19297675
Conc: 198.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



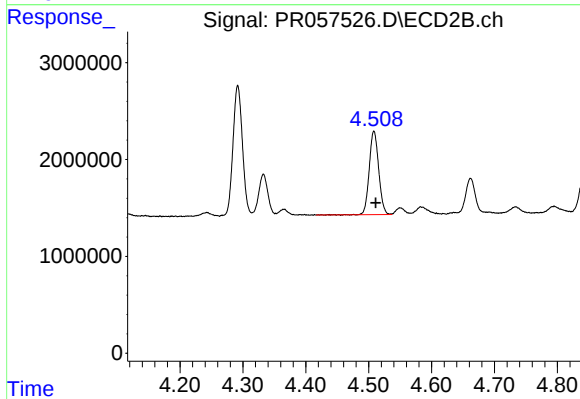
#23 AR-1248-3

R.T.: 4.333 min
Delta R.T.: -0.003 min
Response: 4319468
Conc: 114.20 ng/ml



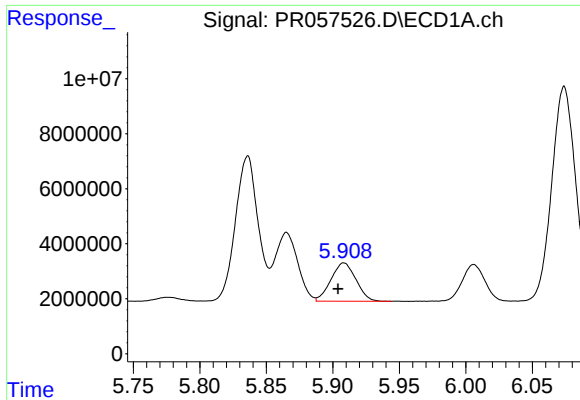
#24 AR-1248-4

R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 29380577
Conc: 265.51 ng/ml



#24 AR-1248-4

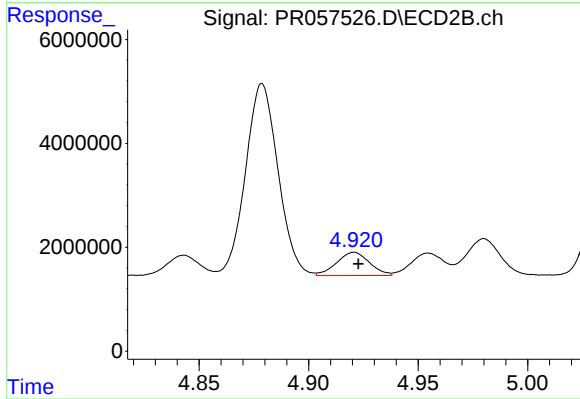
R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 8997968
Conc: 182.95 ng/ml



#25 AR-1248-5

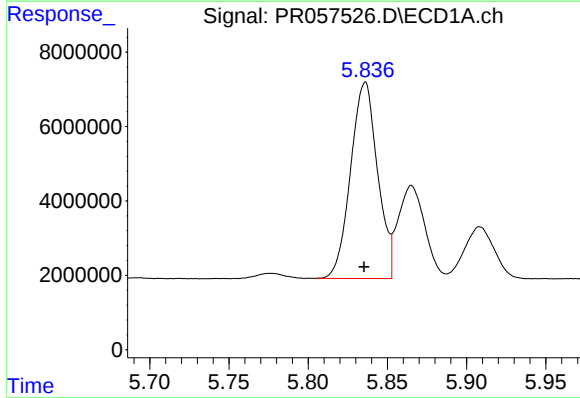
R.T.: 5.908 min
Delta R.T.: 0.004 min
Response: 18289351
Conc: 173.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



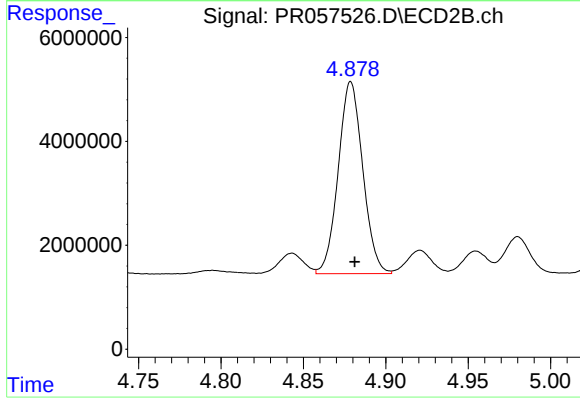
#25 AR-1248-5

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 4706974
Conc: 89.96 ng/ml



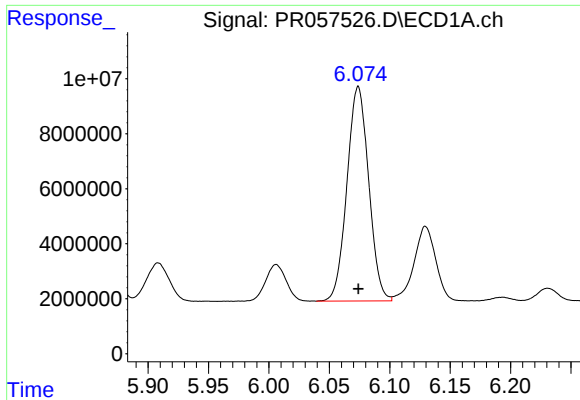
#26 AR-1254-1

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 62413854
Conc: 521.27 ng/ml



#26 AR-1254-1

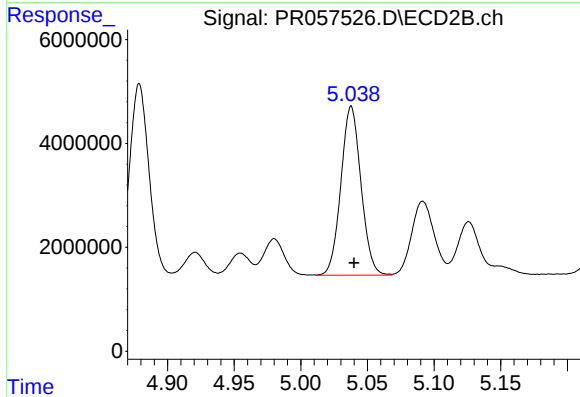
R.T.: 4.879 min
Delta R.T.: -0.002 min
Response: 38328772
Conc: 508.16 ng/ml



#27 AR-1254-2

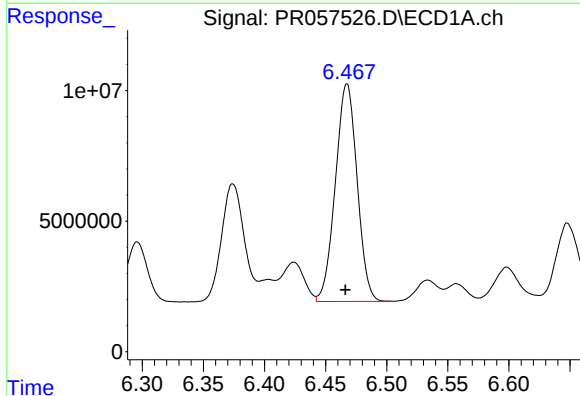
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 97723401
Conc: 507.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



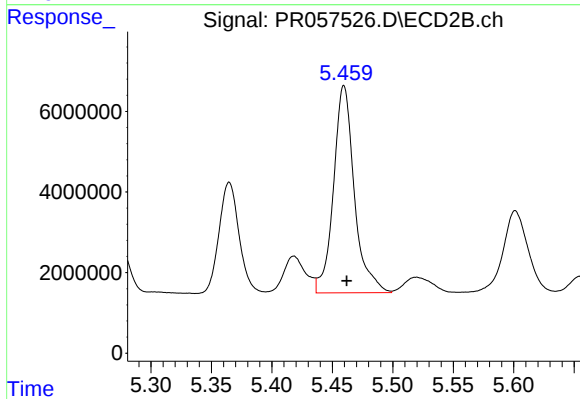
#27 AR-1254-2

R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 34168332
Conc: 510.42 ng/ml



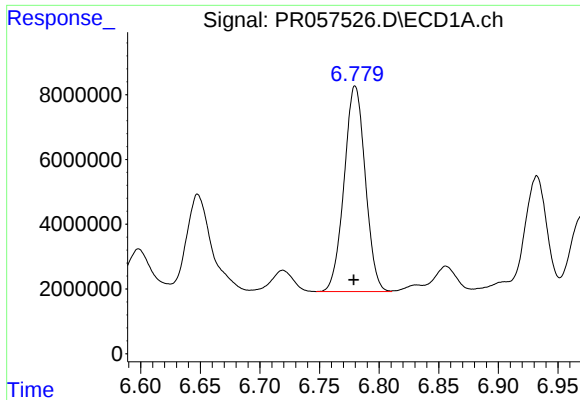
#28 AR-1254-3

R.T.: 6.468 min
Delta R.T.: 0.001 min
Response: 103127194
Conc: 508.33 ng/ml



#28 AR-1254-3

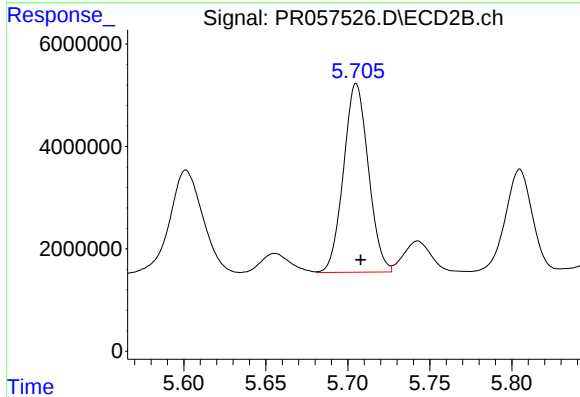
R.T.: 5.460 min
Delta R.T.: -0.002 min
Response: 61808660
Conc: 504.67 ng/ml



#29 AR-1254-4

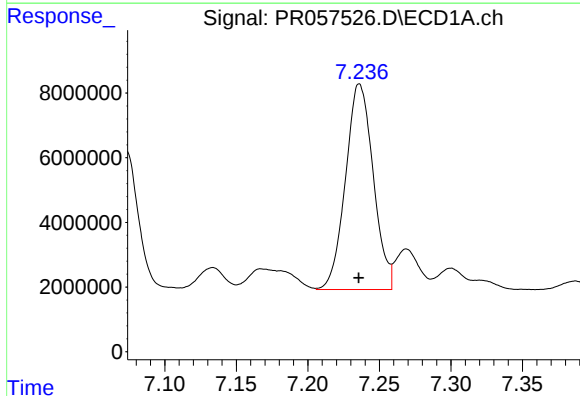
R.T.: 6.780 min
Delta R.T.: 0.001 min
Response: 78379351
Conc: 505.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



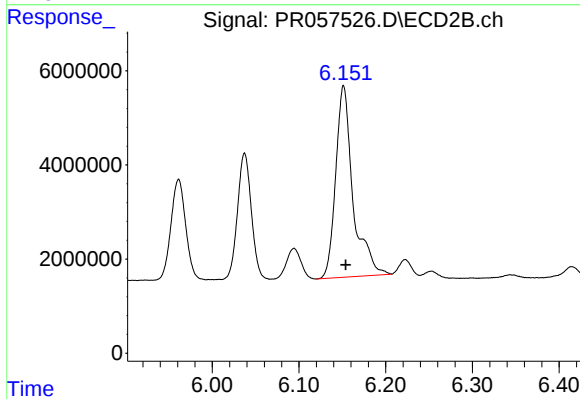
#29 AR-1254-4

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 38908018
Conc: 510.15 ng/ml



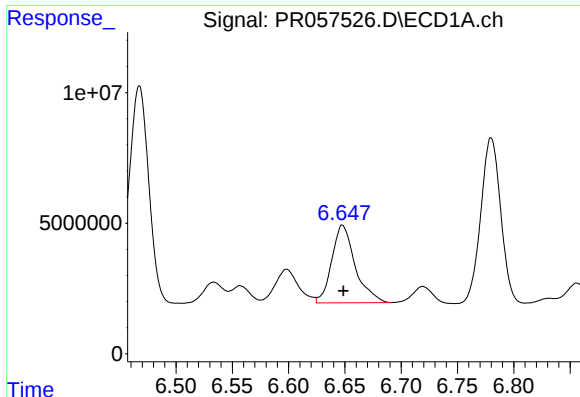
#30 AR-1254-5

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 85730457
Conc: 494.59 ng/ml



#30 AR-1254-5

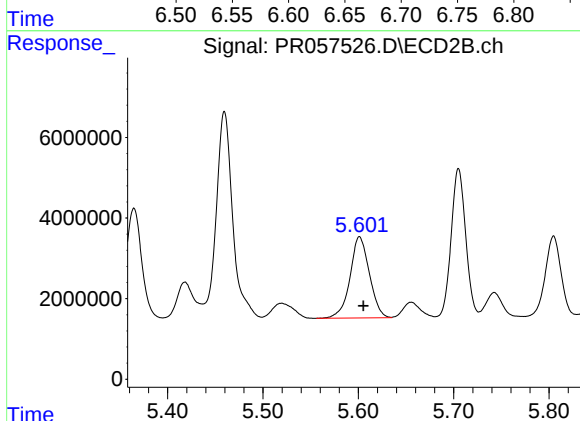
R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 56396113
Conc: 511.93 ng/ml



#31 AR-1260-1

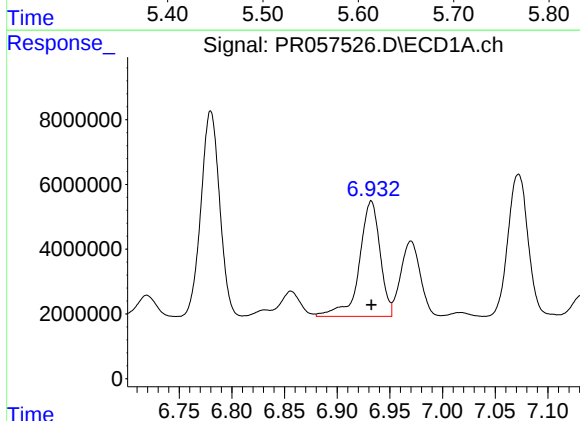
R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 43027888
Conc: 301.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



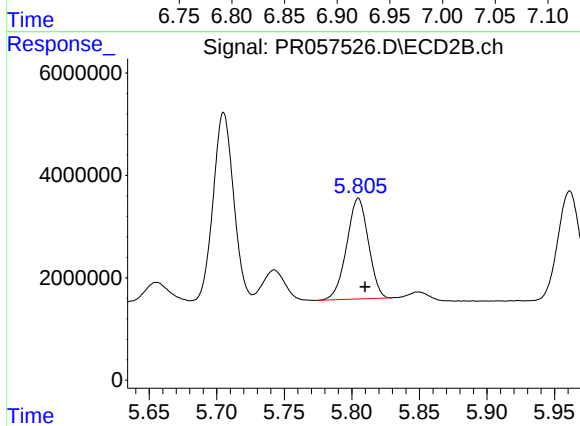
#31 AR-1260-1

R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 28446938
Conc: 389.98 ng/ml



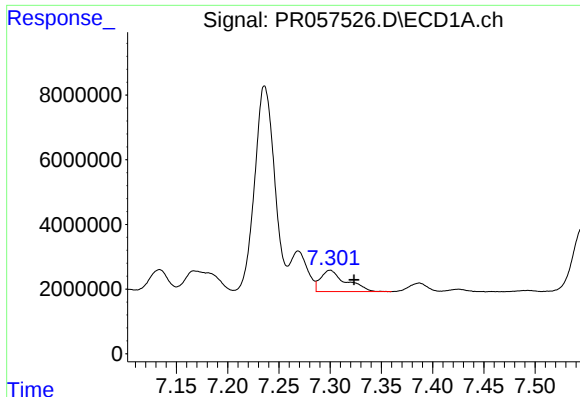
#32 AR-1260-2

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 48875619
Conc: 282.59 ng/ml



#32 AR-1260-2

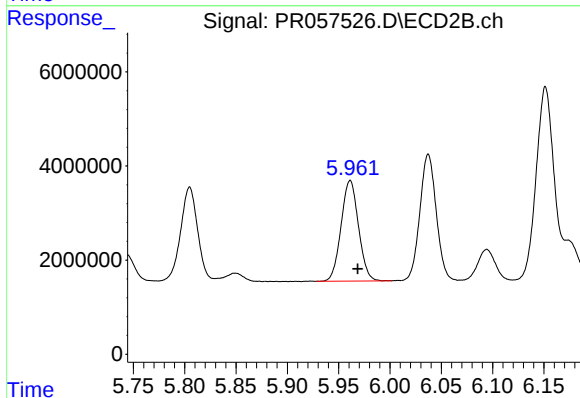
R.T.: 5.805 min
Delta R.T.: -0.005 min
Response: 22028404
Conc: 250.95 ng/ml



#33 AR-1260-3

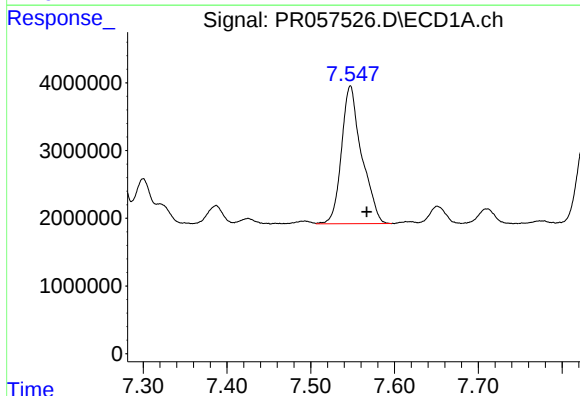
R.T.: 7.300 min
Delta R.T.: -0.023 min
Response: 11401077
Conc: 103.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



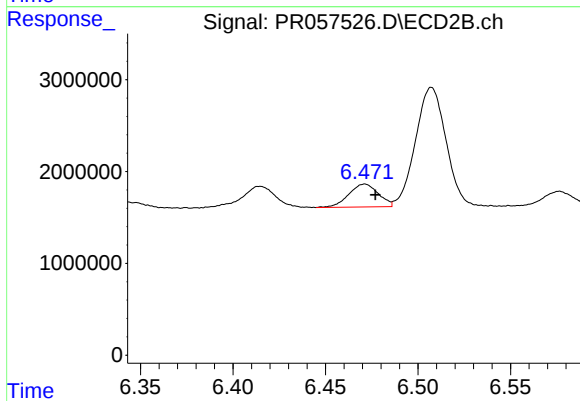
#33 AR-1260-3

R.T.: 5.961 min
Delta R.T.: -0.007 min
Response: 25278575
Conc: 292.78 ng/ml



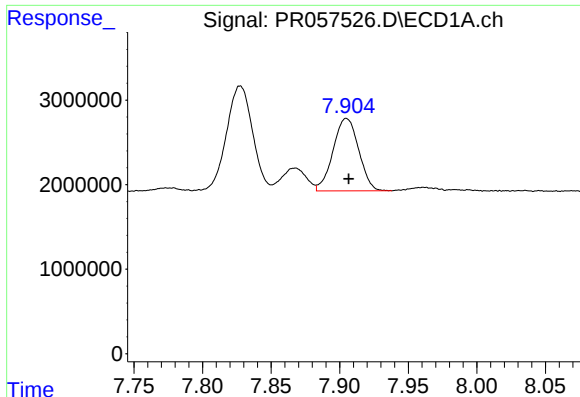
#34 AR-1260-4

R.T.: 7.547 min
Delta R.T.: -0.020 min
Response: 34033396
Conc: 256.62 ng/ml



#34 AR-1260-4

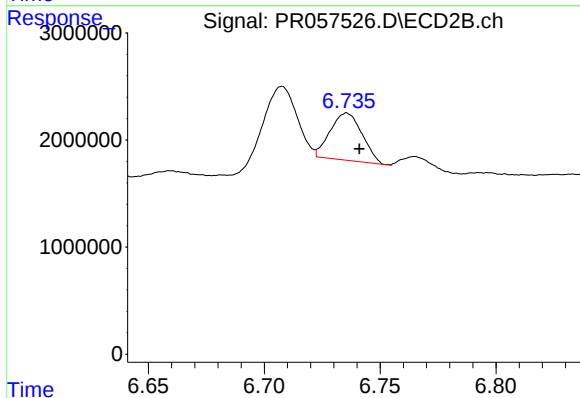
R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 2774725
Conc: 41.98 ng/ml



#35 AR-1260-5

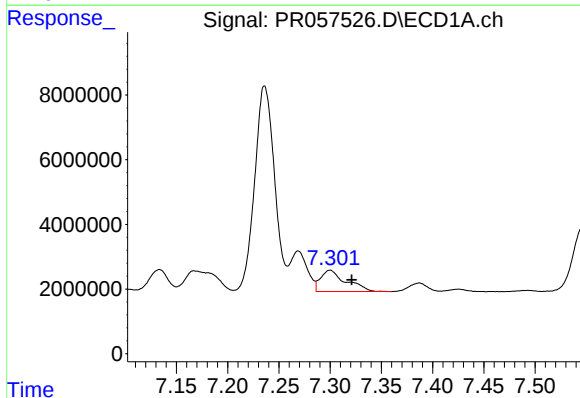
R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 11155712
Conc: 42.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



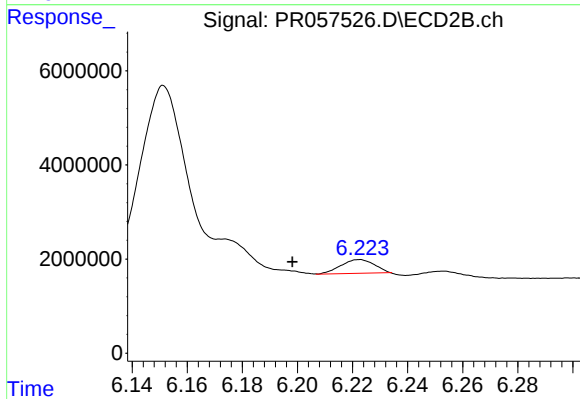
#35 AR-1260-5

R.T.: 6.736 min
Delta R.T.: -0.005 min
Response: 4245330
Conc: 25.12 ng/ml



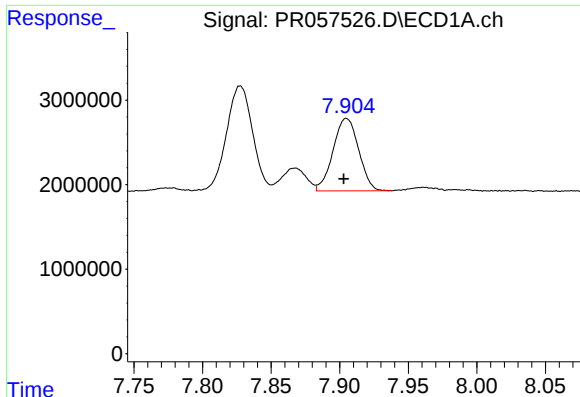
#36 AR-1262-1

R.T.: 7.300 min
Delta R.T.: -0.021 min
Response: 11401077
Conc: 59.60 ng/ml



#36 AR-1262-1

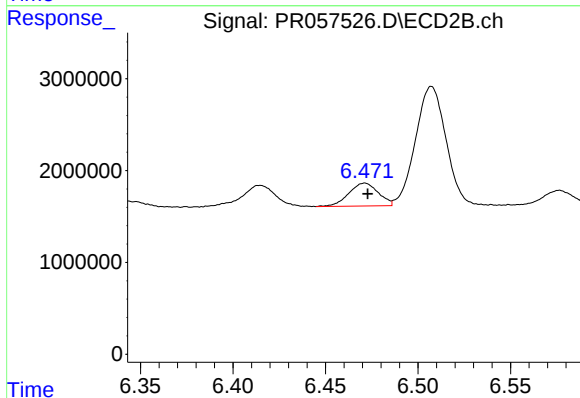
R.T.: 6.223 min
Delta R.T.: 0.024 min
Response: 2504682
Conc: 25.10 ng/ml



#37 AR-1262-2

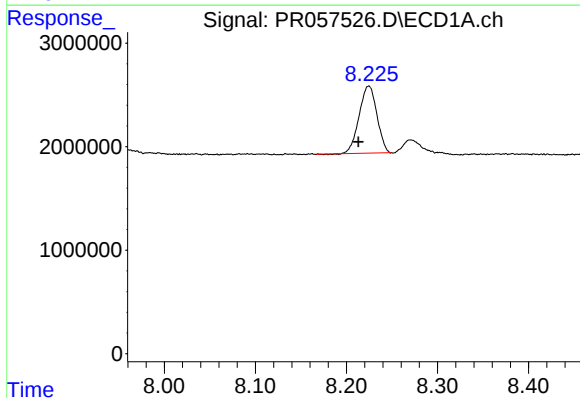
R.T.: 7.905 min
Delta R.T.: 0.002 min
Response: 11155712
Conc: 32.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



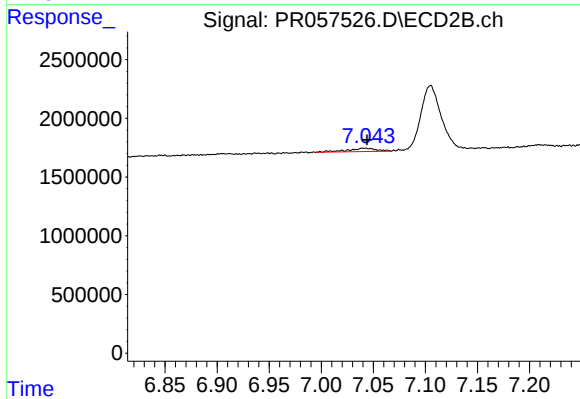
#37 AR-1262-2

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 2774725
Conc: 28.24 ng/ml



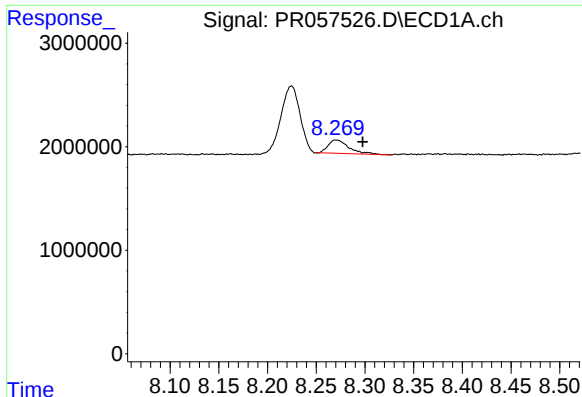
#38 AR-1262-3

R.T.: 8.225 min
Delta R.T.: 0.011 min
Response: 8764764
Conc: 40.43 ng/ml



#38 AR-1262-3

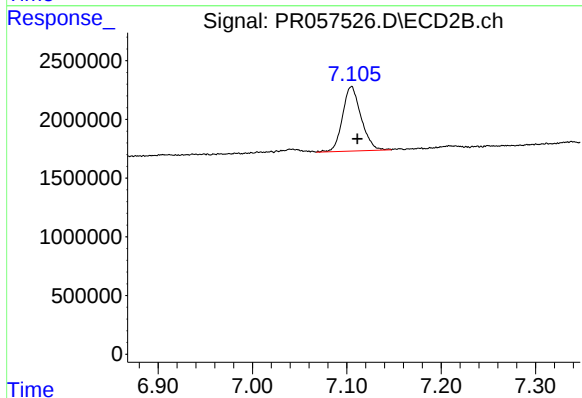
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 551622
Conc: 6.40 ng/ml



#39 AR-1262-4

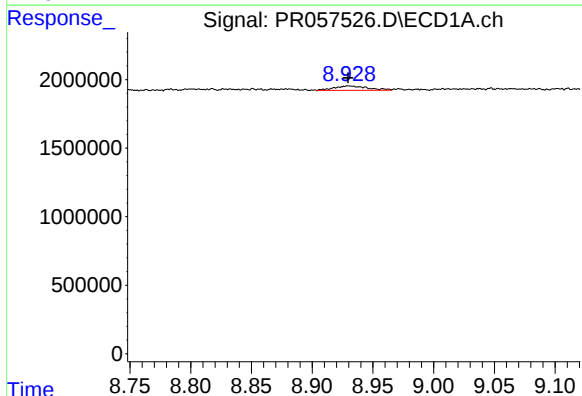
R.T.: 8.270 min
Delta R.T.: -0.027 min
Response: 1937517
Conc: 19.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



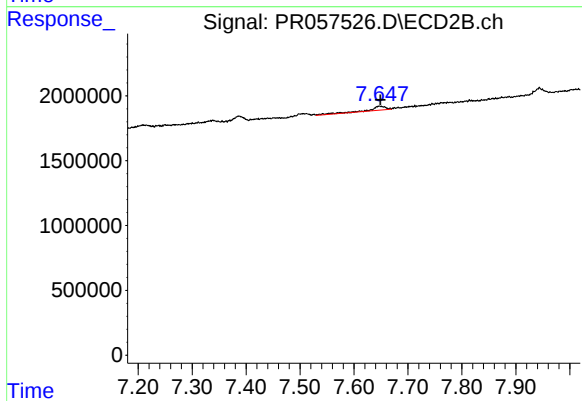
#39 AR-1262-4

R.T.: 7.105 min
Delta R.T.: -0.006 min
Response: 7494837
Conc: 42.29 ng/ml



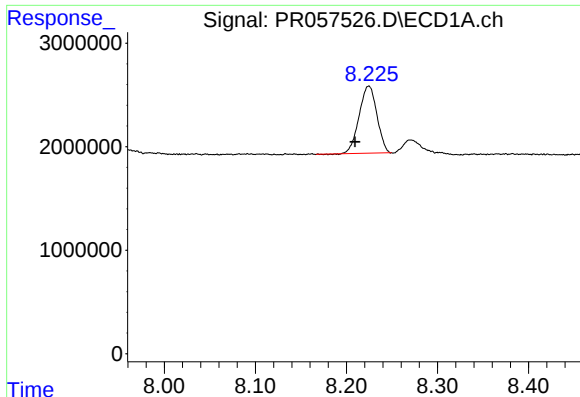
#40 AR-1262-5

R.T.: 8.930 min
Delta R.T.: 0.000 min
Response: 621530
Conc: 5.15 ng/ml



#40 AR-1262-5

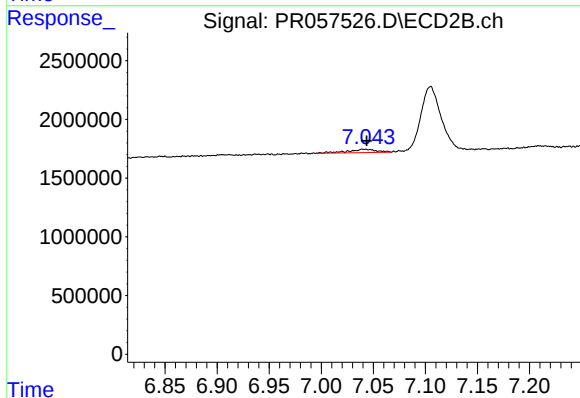
R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 674352
Conc: 7.58 ng/ml



#41 AR-1268-1

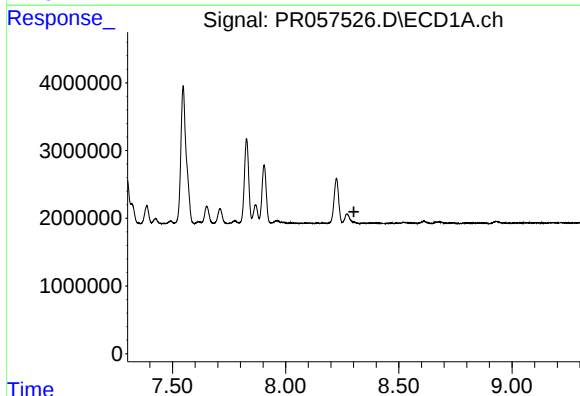
R.T.: 8.225 min
Delta R.T.: 0.015 min
Response: 8764764
Conc: 21.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



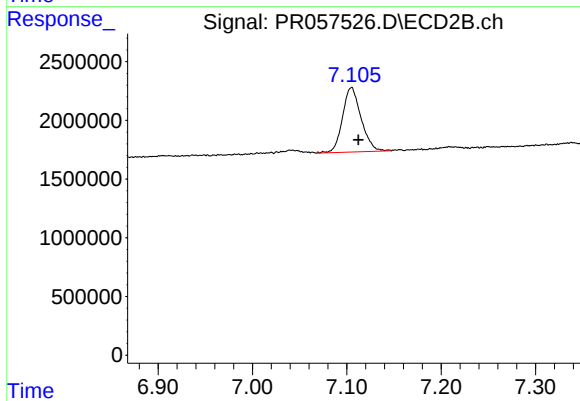
#41 AR-1268-1

R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 551622
Conc: 2.01 ng/ml



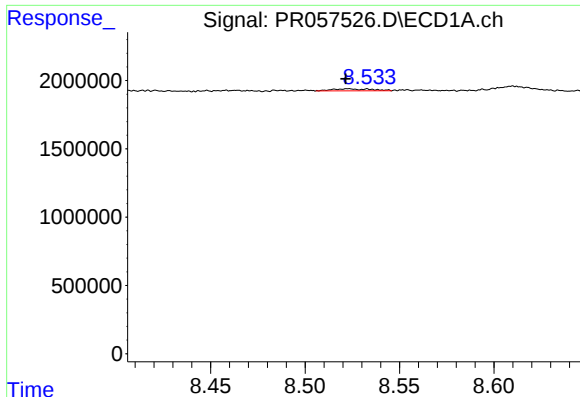
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.302 min
Response: 0
Conc: N.D.



#42 AR-1268-2

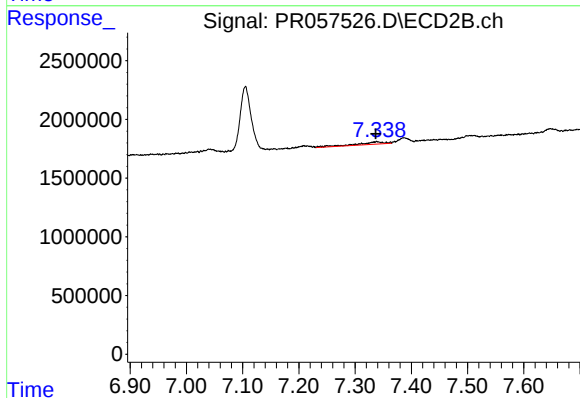
R.T.: 7.105 min
Delta R.T.: -0.008 min
Response: 7494837
Conc: 26.25 ng/ml



#43 AR-1268-3

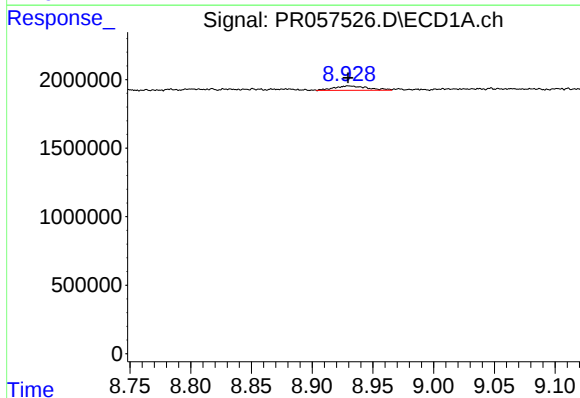
R.T.: 8.523 min
Delta R.T.: 0.002 min
Response: 209286
Conc: 0.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



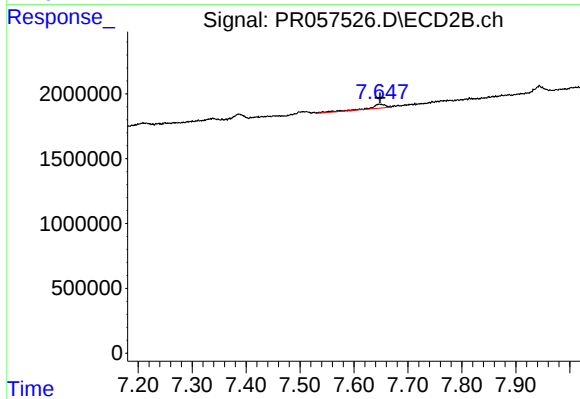
#43 AR-1268-3

R.T.: 7.339 min
Delta R.T.: 0.002 min
Response: 713650
Conc: 2.96 ng/ml



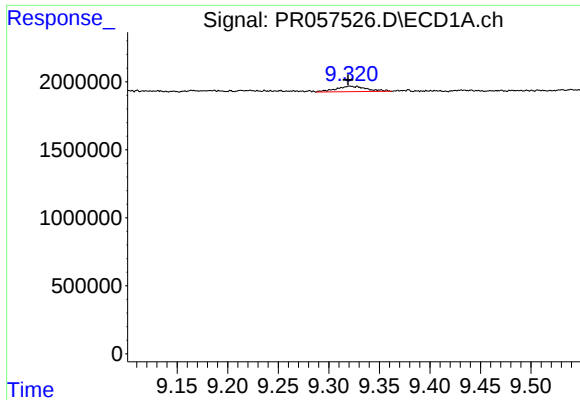
#44 AR-1268-4

R.T.: 8.930 min
Delta R.T.: 0.000 min
Response: 621530
Conc: 4.40 ng/ml



#44 AR-1268-4

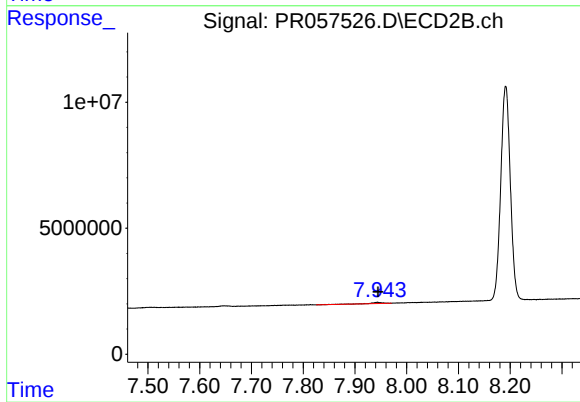
R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 674352
Conc: 6.75 ng/ml



#45 AR-1268-5

R.T.: 9.321 min
Delta R.T.: 0.002 min
Response: 835755
Conc: 0.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.944 min
Delta R.T.: -0.001 min
Response: 704035
Conc: 0.76 ng/ml