

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042523\
 Data File : PP057212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2023 16:44
 Operator : YP\AJ
 Sample : 02484-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 21:46:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 16:59:40 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...	4.402	3.631	41290088	32820433	18.666	19.428
2)	SA Decachlor...	10.216	8.686	40345804	34159575	25.141	19.095
Target Compounds							
3)	L1 AR-1016-1	5.560f	4.729	1291361	597013	20.585	10.510 #
4)	L1 AR-1016-2	5.601	4.757	1282784	4238592	14.058	52.896 #
5)	L1 AR-1016-3	5.653	4.925	1582235	1753525	27.434	40.369 #
6)	L1 AR-1016-4	0.000	4.968	0	1417635	N.D.	36.533 #
7)	L1 AR-1016-5	6.071	5.186	2776.7E6	-605125	57627.070	N.D. #
8)	L2 AR-1221-1	4.609	3.832	1716392	198608	64.297	9.305 #
9)	L2 AR-1221-2	4.711	3.933	639776	1226057	32.873	76.242 #
10)	L2 AR-1221-3	4.792f	4.008	789910	2581536	13.469	52.518 #
11)	L3 AR-1232-1	4.792f	4.008	789910	2581536	16.293	64.271 #
12)	L3 AR-1232-2	5.290f	4.757	21956195	4238592	883.967	117.171 #
13)	L3 AR-1232-3	5.601	4.925	1282784	1753525	30.841	91.232 #
15)	L3 AR-1232-5	5.857	5.186	1360743	-605125	71.976	N.D. #
16)	L4 AR-1242-1	5.560f	4.729	1291361	597013	25.230	12.758 #
17)	L4 AR-1242-2	5.601	4.757	1282784	4238592	17.126	65.258 #
18)	L4 AR-1242-3	5.653	4.925	1582235	1753525	33.590	49.370 #
20)	L4 AR-1242-5	6.519f	5.544	2012508	10177419	59.748	227.496 #
21)	L5 AR-1248-1	5.560f	4.729	1291361	597013	33.589	16.926 #
22)	L5 AR-1248-2	5.857	4.968	1360743	1417635	21.594	25.538
23)	L5 AR-1248-3	6.071	0.000	2776.7E6	0	41593.991	N.D. #
24)	L5 AR-1248-4	6.473	5.186	5158769	-605125	87.154	N.D. #
25)	L5 AR-1248-5	6.519f	5.580	2012508	1680102	34.667	28.913
26)	L6 AR-1254-1	6.449	5.544	8931746	10177419	118.268	100.993
27)	L6 AR-1254-2	6.667	5.685	9733136	2085646	89.741	23.341 #
28)	L6 AR-1254-3	7.036	6.110f	9100756	6184274	87.918	44.141 #
29)	L6 AR-1254-4	7.314	6.322	2069131	1026868	33.305	13.630 #
30)	L6 AR-1254-5	7.755f	6.740	55483993	50944935	770.273	413.856 #
31)	L7 AR-1260-1	7.191	6.221	1727460	2451556	19.834	24.193
32)	L7 AR-1260-2	7.442	6.409	21615960	3245778	235.385	27.925 #
33)	L7 AR-1260-3	7.813	6.565	1204742	3110367	16.602	28.116 #
34)	L7 AR-1260-4	8.037	7.051	2368393	3208643	28.185	35.029
35)	L7 AR-1260-5	8.362	7.282	2509353	2175304	17.485	12.052 #
36)	L8 AR-1262-1	7.813	6.842	1204742	1299424	11.935	22.764 #
37)	L8 AR-1262-2	8.362	7.051	2509353	3208643	17.157	27.616 #
38)	L8 AR-1262-3	8.695	7.568	2173026	784758	20.257	8.660 #
39)	L8 AR-1262-4	8.772	7.631	1255430	1790327	15.020	11.392
40)	L8 AR-1262-5	9.438	8.129	511588	482831	10.675	7.061 #
41)	L9 AR-1268-1	8.695	7.568	2173026	784758	10.302	2.825 #
42)	L9 AR-1268-2	8.772	7.631	1255430	1790327	7.009	7.179
43)	L9 AR-1268-3	9.007	7.841	319594	461951	1.809	2.088

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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
44) L9	AR-1268-4	9.438	8.129	511588	482831	9.021	6.036 #
45) L9	AR-1268-5	9.870	8.426	1033778	1039995	2.175	1.756

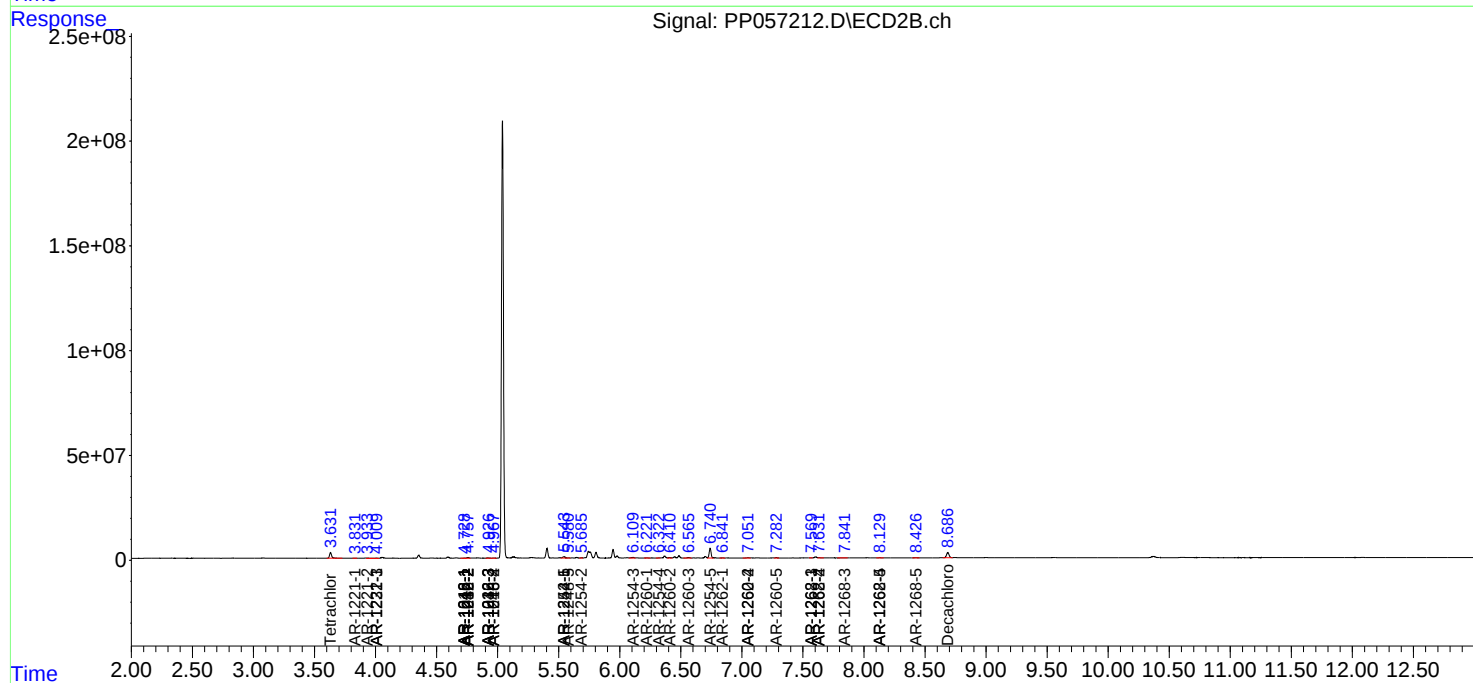
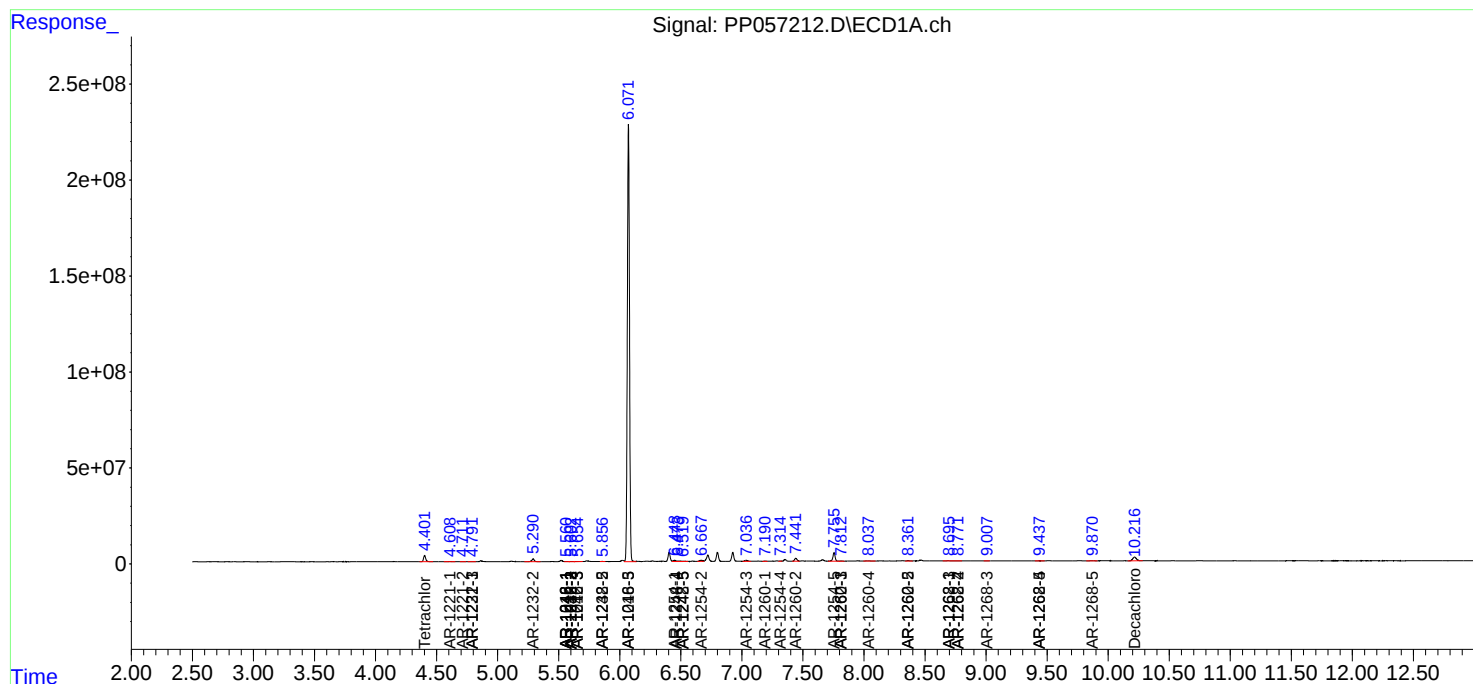
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

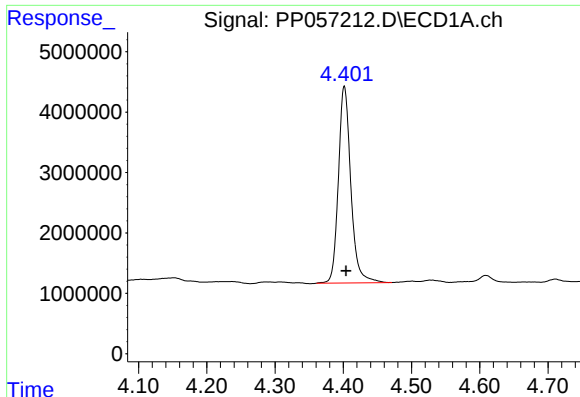
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

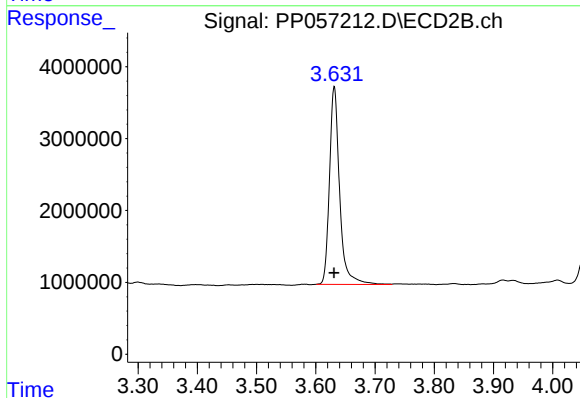




#1 Tetrachloro-m-xylene

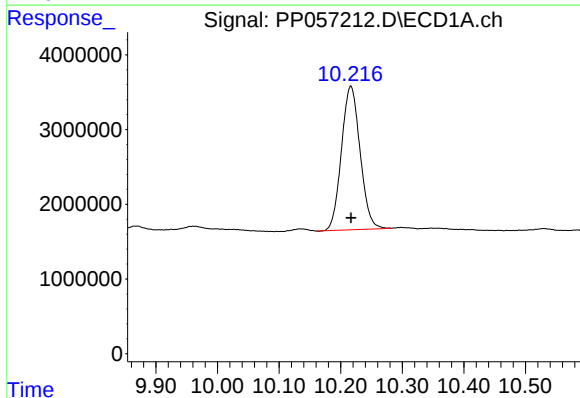
R.T.: 4.402 min
Delta R.T.: -0.002 min
Response: 41290088
Conc: 18.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



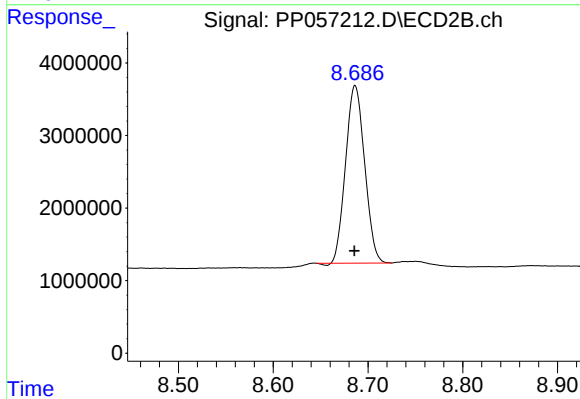
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 32820433
Conc: 19.43 ng/ml



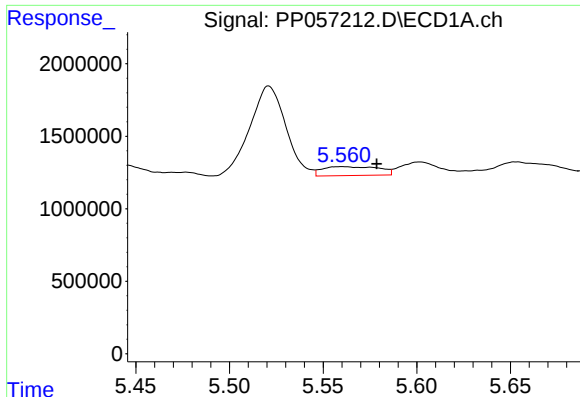
#2 Decachlorobiphenyl

R.T.: 10.216 min
Delta R.T.: 0.000 min
Response: 40345804
Conc: 25.14 ng/ml



#2 Decachlorobiphenyl

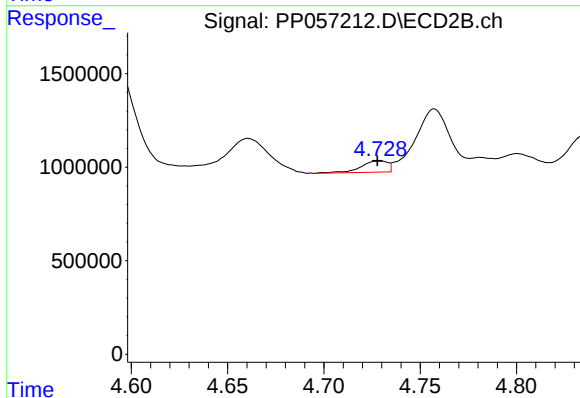
R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 34159575
Conc: 19.09 ng/ml



#3 AR-1016-1

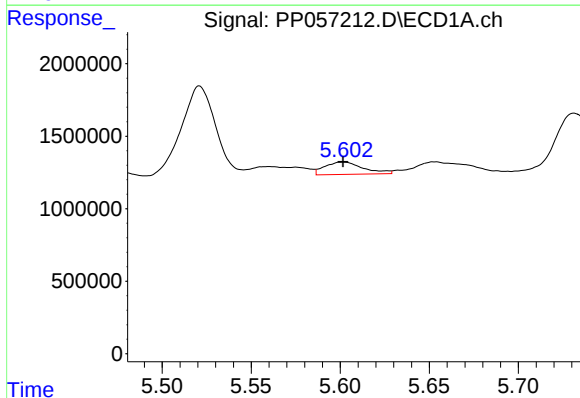
R.T.: 5.560 min
Delta R.T.: -0.018 min
Response: 1291361
Conc: 20.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



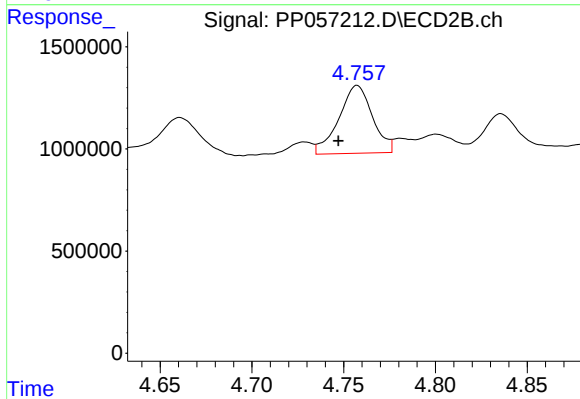
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 597013
Conc: 10.51 ng/ml



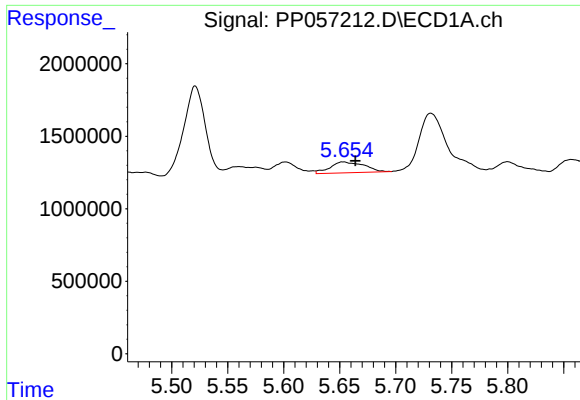
#4 AR-1016-2

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 1282784
Conc: 14.06 ng/ml



#4 AR-1016-2

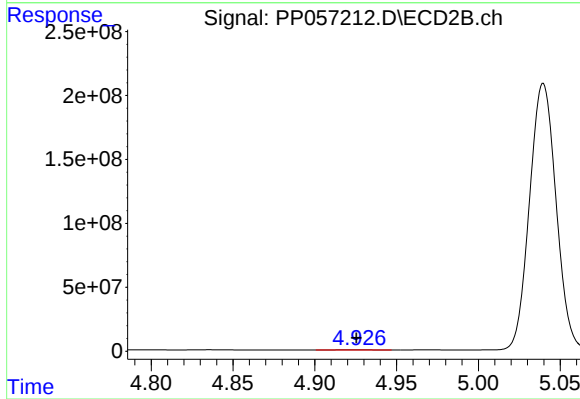
R.T.: 4.757 min
Delta R.T.: 0.010 min
Response: 4238592
Conc: 52.90 ng/ml



#5 AR-1016-3

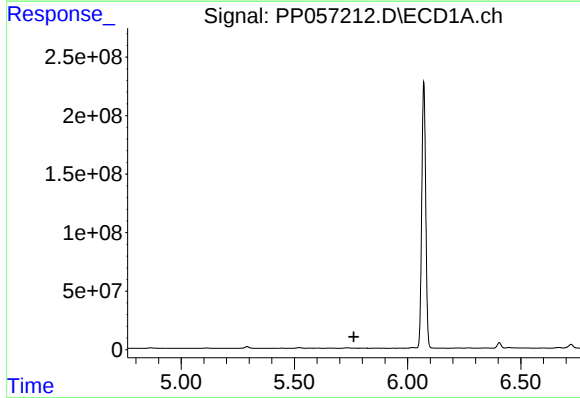
R.T.: 5.653 min
Delta R.T.: -0.011 min
Response: 1582235
Conc: 27.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



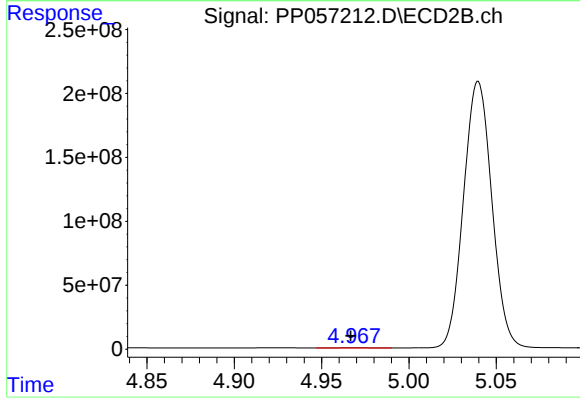
#5 AR-1016-3

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 1753525
Conc: 40.37 ng/ml



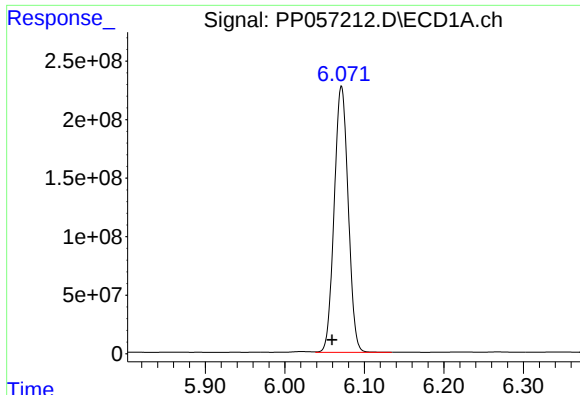
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.763 min
Response: 0
Conc: N.D.



#6 AR-1016-4

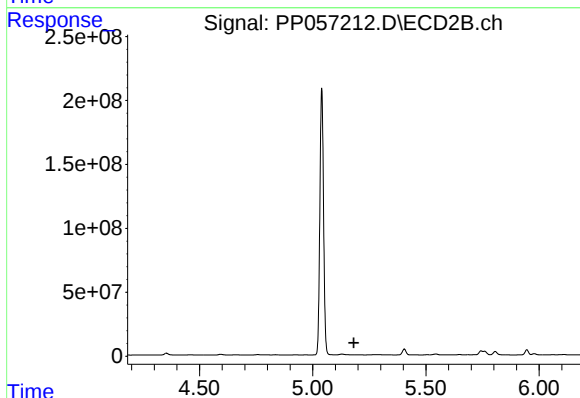
R.T.: 4.968 min
Delta R.T.: 0.001 min
Response: 1417635
Conc: 36.53 ng/ml



#7 AR-1016-5

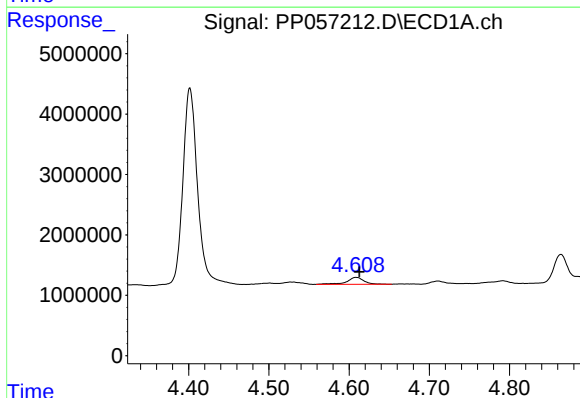
R.T.: 6.071 min
Delta R.T.: 0.012 min
Response: 2776659222
Conc: 57627.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



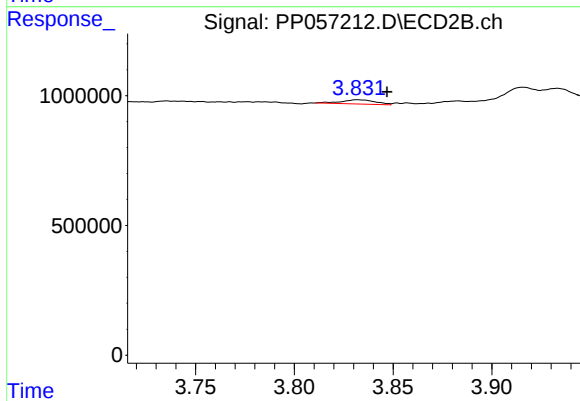
#7 AR-1016-5

R.T.: 5.186 min
Delta R.T.: 0.004 min
Response: -605125
Conc: N.D.



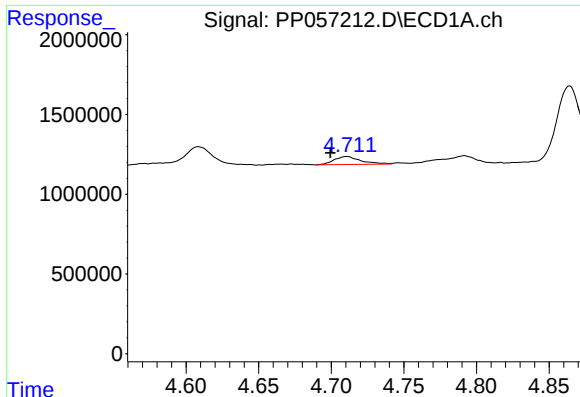
#8 AR-1221-1

R.T.: 4.609 min
Delta R.T.: -0.004 min
Response: 1716392
Conc: 64.30 ng/ml



#8 AR-1221-1

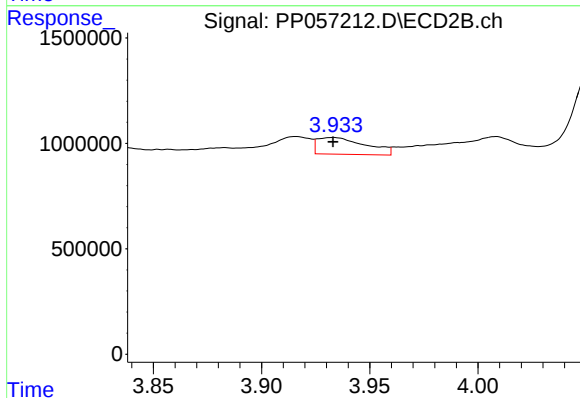
R.T.: 3.832 min
Delta R.T.: -0.015 min
Response: 198608
Conc: 9.31 ng/ml



#9 AR-1221-2

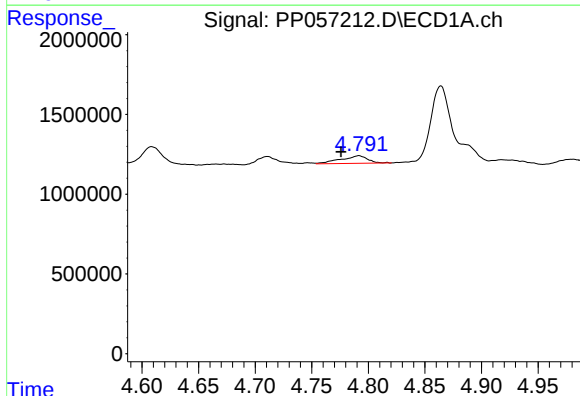
R.T.: 4.711 min
Delta R.T.: 0.012 min
Response: 639776
Conc: 32.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



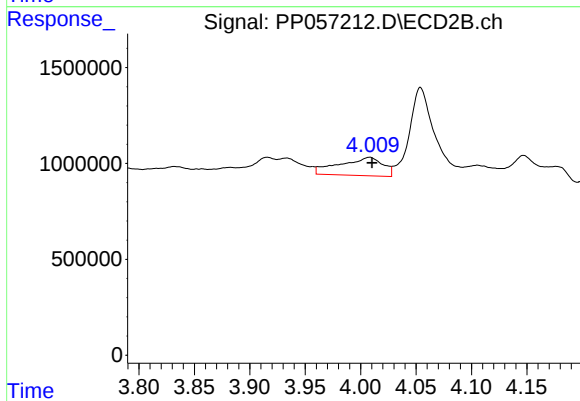
#9 AR-1221-2

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 1226057
Conc: 76.24 ng/ml



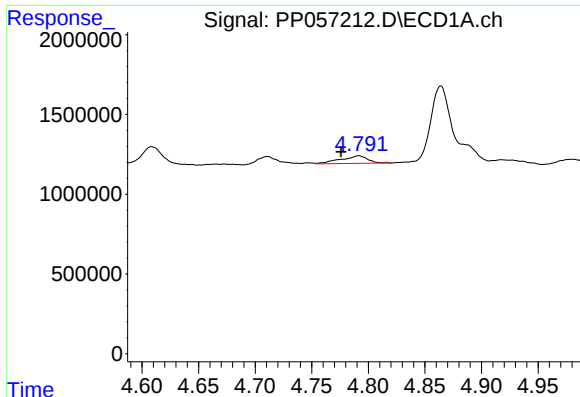
#10 AR-1221-3

R.T.: 4.792 min
Delta R.T.: 0.016 min
Response: 789910
Conc: 13.47 ng/ml



#10 AR-1221-3

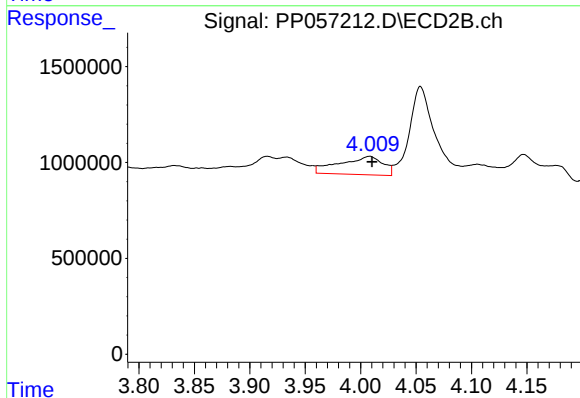
R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 2581536
Conc: 52.52 ng/ml



#11 AR-1232-1

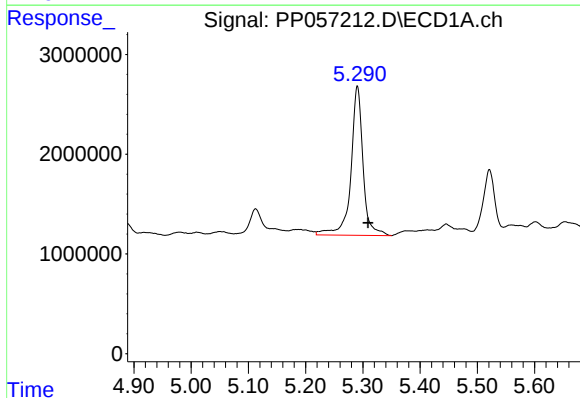
R.T.: 4.792 min
Delta R.T.: 0.016 min
Response: 789910
Conc: 16.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



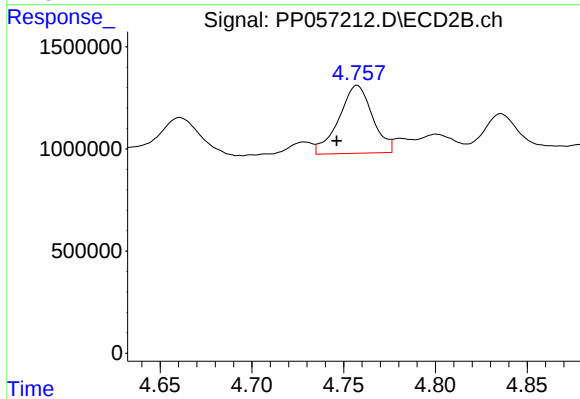
#11 AR-1232-1

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 2581536
Conc: 64.27 ng/ml



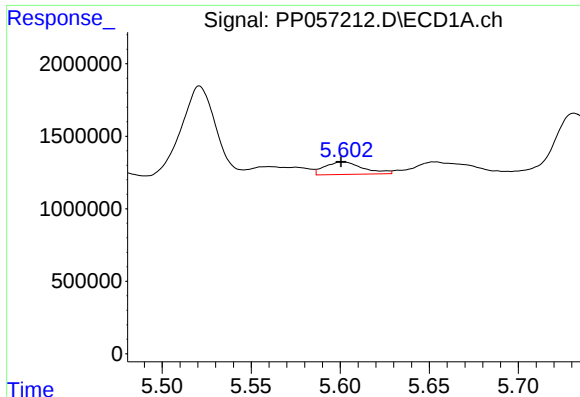
#12 AR-1232-2

R.T.: 5.290 min
Delta R.T.: -0.019 min
Response: 21956195
Conc: 883.97 ng/ml



#12 AR-1232-2

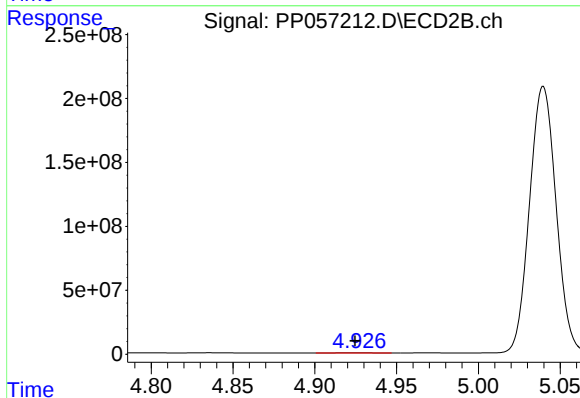
R.T.: 4.757 min
Delta R.T.: 0.011 min
Response: 4238592
Conc: 117.17 ng/ml



#13 AR-1232-3

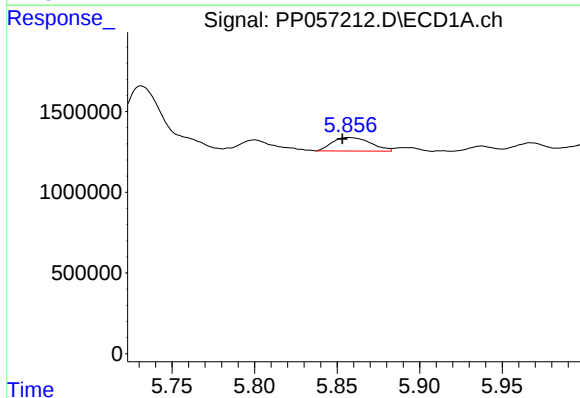
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 1282784
Conc: 30.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



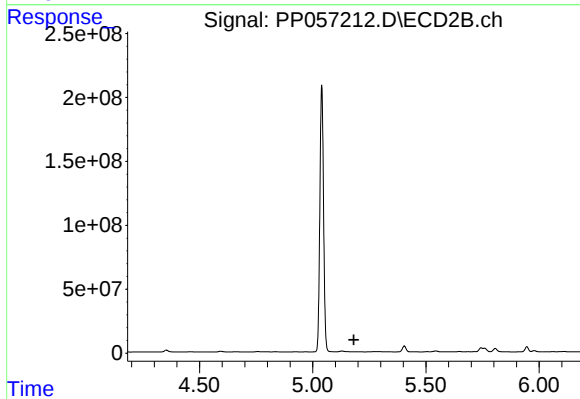
#13 AR-1232-3

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 1753525
Conc: 91.23 ng/ml



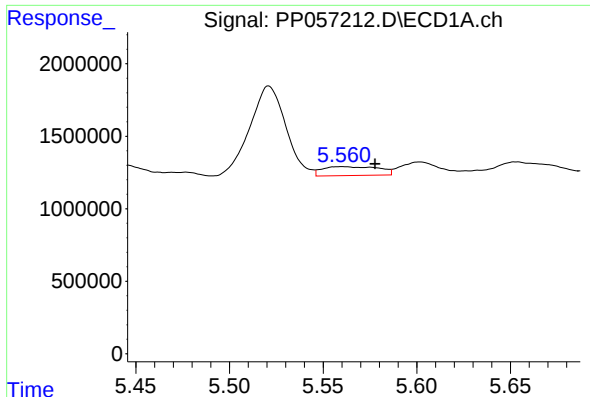
#15 AR-1232-5

R.T.: 5.857 min
Delta R.T.: 0.004 min
Response: 1360743
Conc: 71.98 ng/ml



#15 AR-1232-5

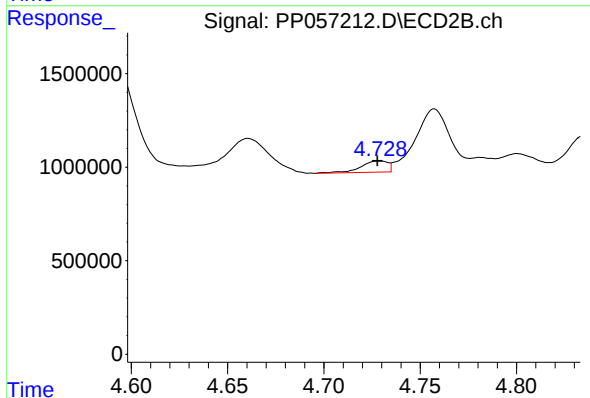
R.T.: 5.186 min
Delta R.T.: 0.004 min
Response: -605125
Conc: N.D.



#16 AR-1242-1

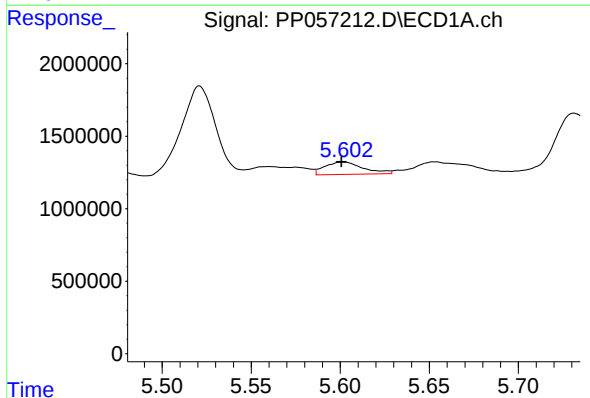
R.T.: 5.560 min
Delta R.T.: -0.018 min
Response: 1291361
Conc: 25.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



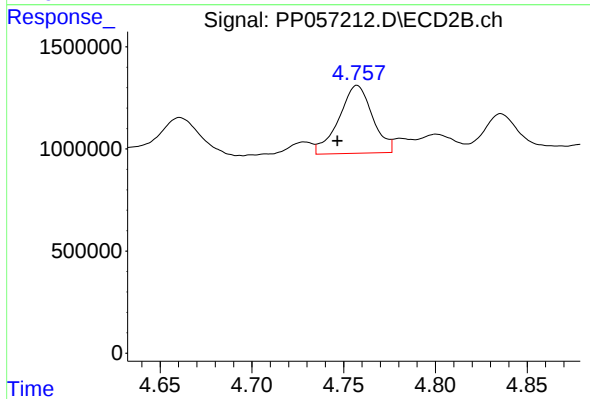
#16 AR-1242-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 597013
Conc: 12.76 ng/ml



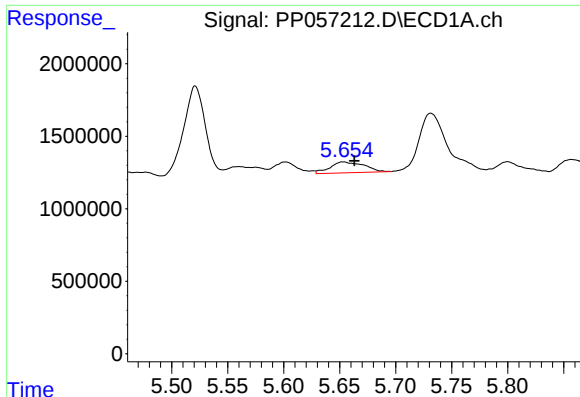
#17 AR-1242-2

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 1282784
Conc: 17.13 ng/ml



#17 AR-1242-2

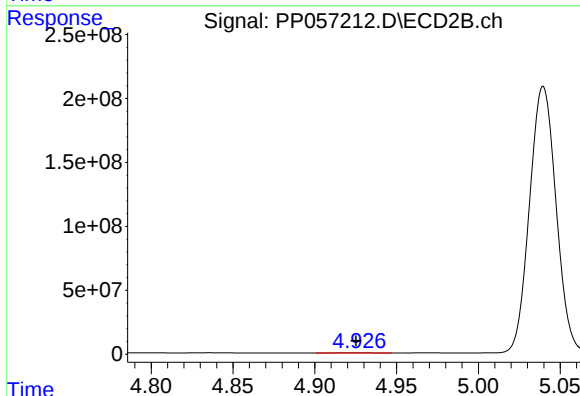
R.T.: 4.757 min
Delta R.T.: 0.011 min
Response: 4238592
Conc: 65.26 ng/ml



#18 AR-1242-3

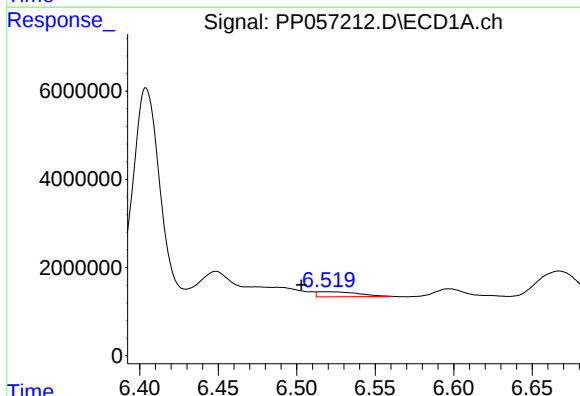
R.T.: 5.653 min
Delta R.T.: -0.010 min
Response: 1582235
Conc: 33.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



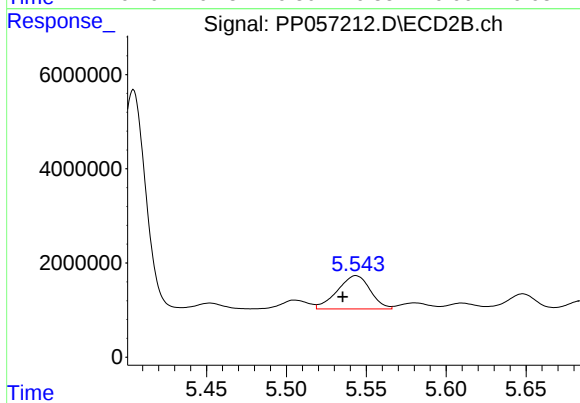
#18 AR-1242-3

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 1753525
Conc: 49.37 ng/ml



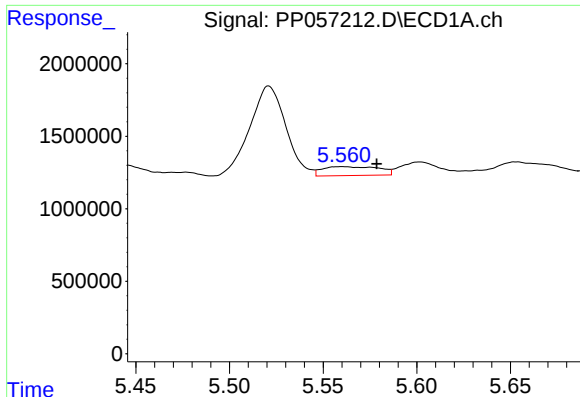
#20 AR-1242-5

R.T.: 6.519 min
Delta R.T.: 0.016 min
Response: 2012508
Conc: 59.75 ng/ml



#20 AR-1242-5

R.T.: 5.544 min
Delta R.T.: 0.008 min
Response: 10177419
Conc: 227.50 ng/ml



#21 AR-1248-1

R.T.: 5.560 min
Delta R.T.: -0.018 min
Response: 1291361
Conc: 33.59 ng/ml

Instrument :
ECD_P
ClientSampleId :

#21 AR-1248-1

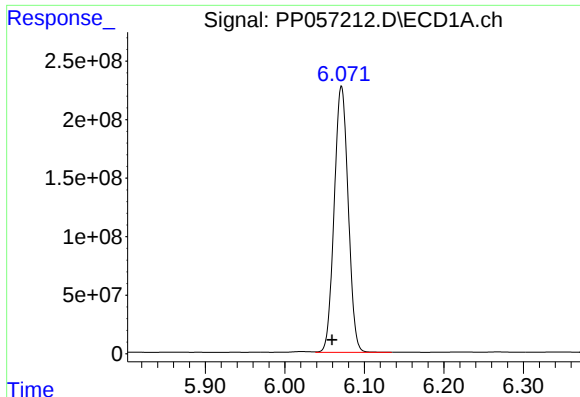
R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 597013
Conc: 16.93 ng/ml

#22 AR-1248-2

R.T.: 5.857 min
Delta R.T.: 0.003 min
Response: 1360743
Conc: 21.59 ng/ml

#22 AR-1248-2

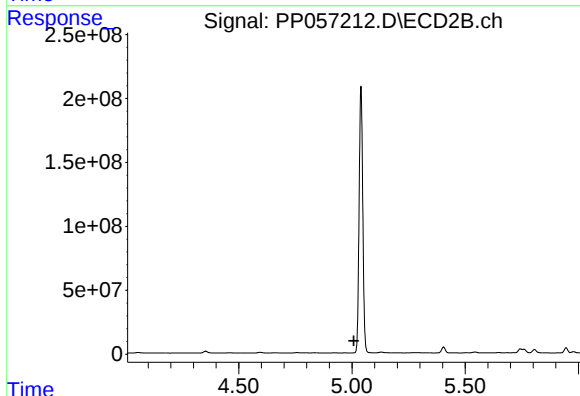
R.T.: 4.968 min
Delta R.T.: 0.001 min
Response: 1417635
Conc: 25.54 ng/ml



#23 AR-1248-3

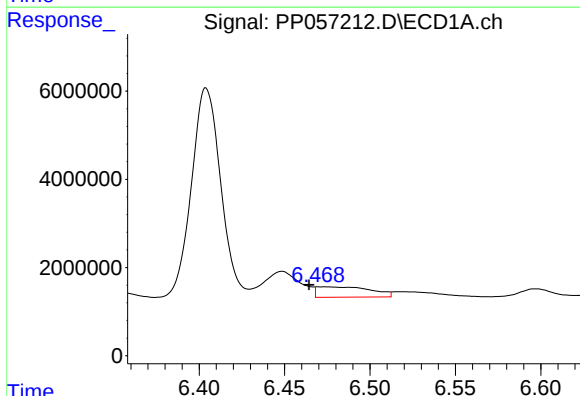
R.T.: 6.071 min
Delta R.T.: 0.012 min
Response: 2776659222
Conc: 41593.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



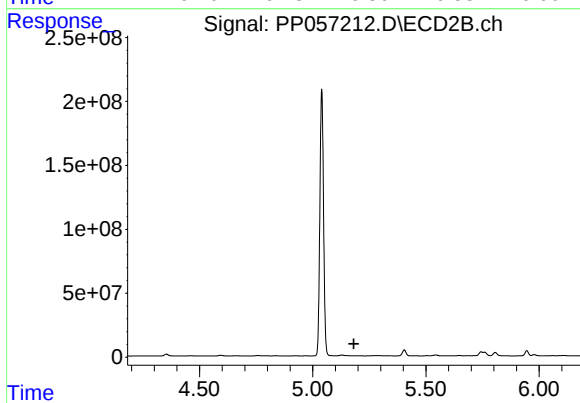
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.009 min
Response: 0
Conc: N.D.



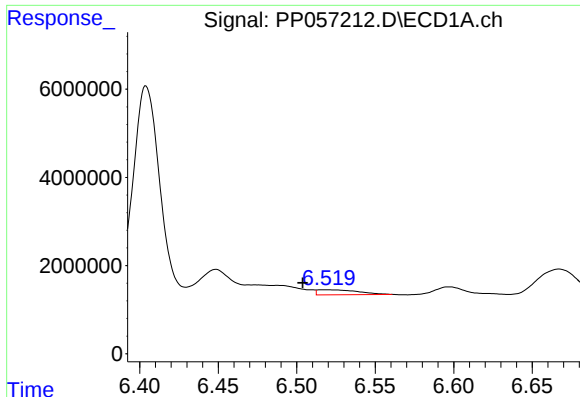
#24 AR-1248-4

R.T.: 6.473 min
Delta R.T.: 0.009 min
Response: 5158769
Conc: 87.15 ng/ml



#24 AR-1248-4

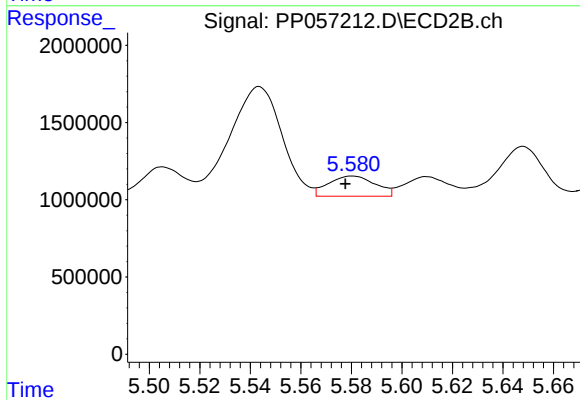
R.T.: 5.186 min
Delta R.T.: 0.004 min
Response: -605125
Conc: N.D.



#25 AR-1248-5

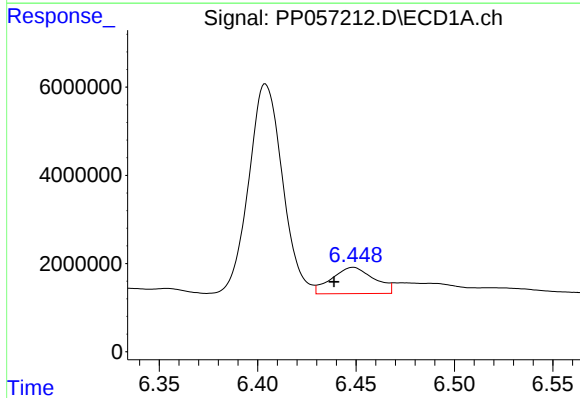
R.T.: 6.519 min
Delta R.T.: 0.015 min
Response: 2012508
Conc: 34.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



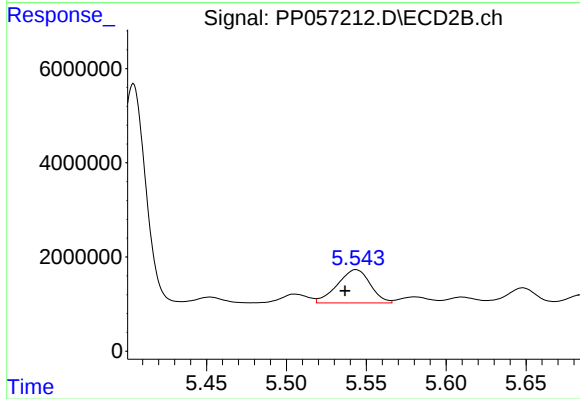
#25 AR-1248-5

R.T.: 5.580 min
Delta R.T.: 0.003 min
Response: 1680102
Conc: 28.91 ng/ml



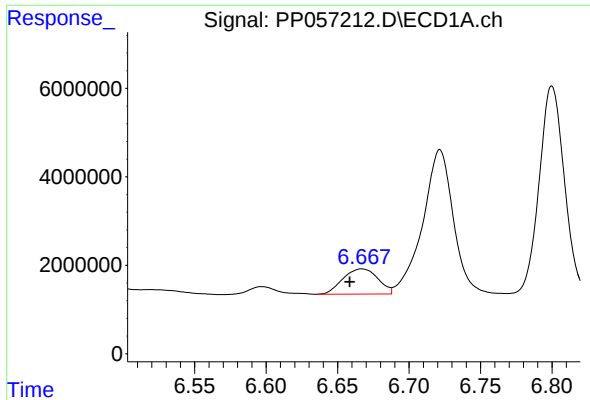
#26 AR-1254-1

R.T.: 6.449 min
Delta R.T.: 0.010 min
Response: 8931746
Conc: 118.27 ng/ml



#26 AR-1254-1

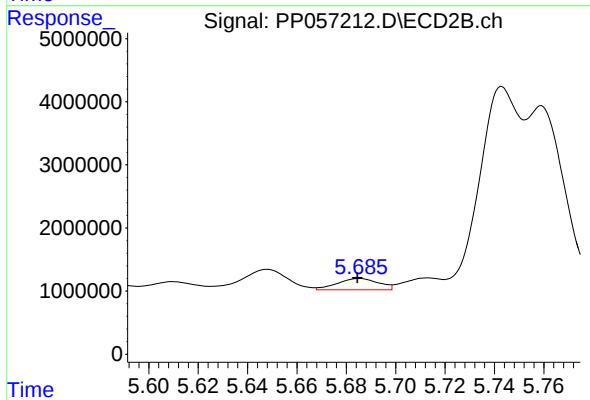
R.T.: 5.544 min
Delta R.T.: 0.007 min
Response: 10177419
Conc: 100.99 ng/ml



#27 AR-1254-2

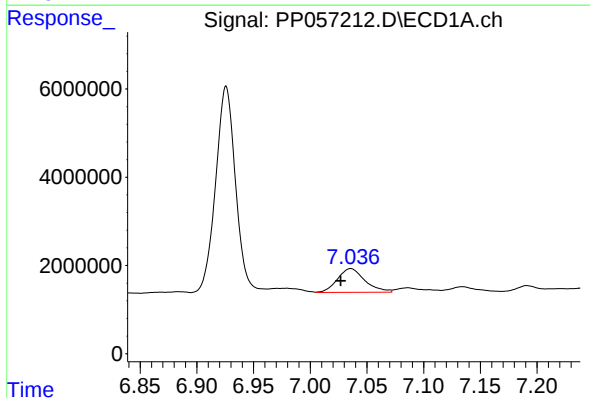
R.T.: 6.667 min
Delta R.T.: 0.008 min
Response: 9733136
Conc: 89.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



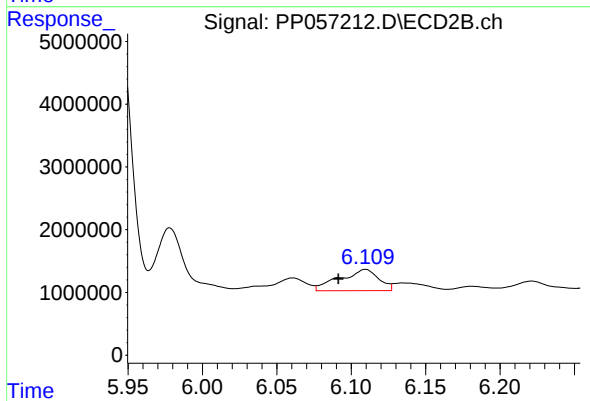
#27 AR-1254-2

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 2085646
Conc: 23.34 ng/ml



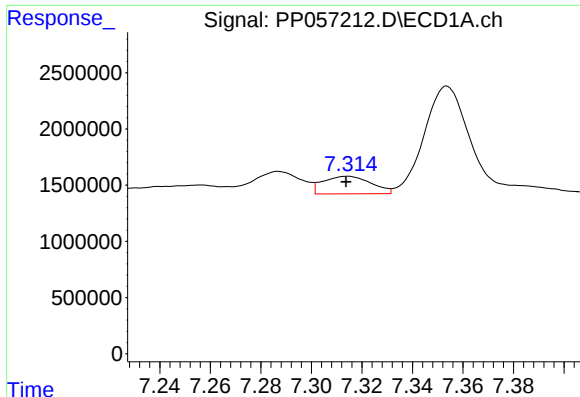
#28 AR-1254-3

R.T.: 7.036 min
Delta R.T.: 0.009 min
Response: 9100756
Conc: 87.92 ng/ml



#28 AR-1254-3

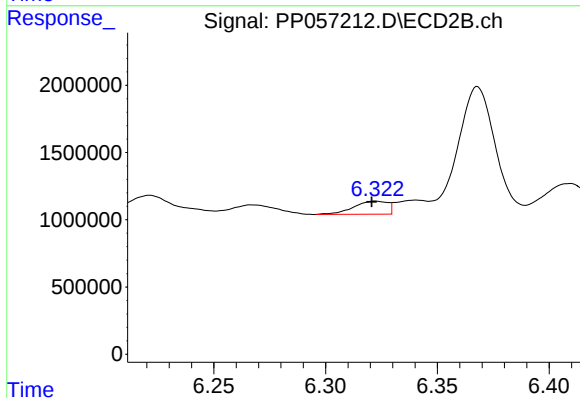
R.T.: 6.110 min
Delta R.T.: 0.018 min
Response: 6184274
Conc: 44.14 ng/ml



#29 AR-1254-4

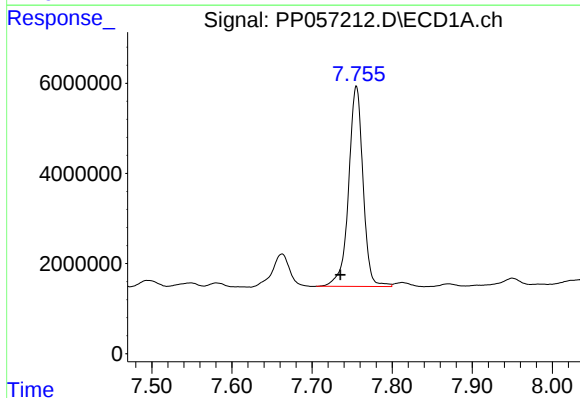
R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 2069131
Conc: 33.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



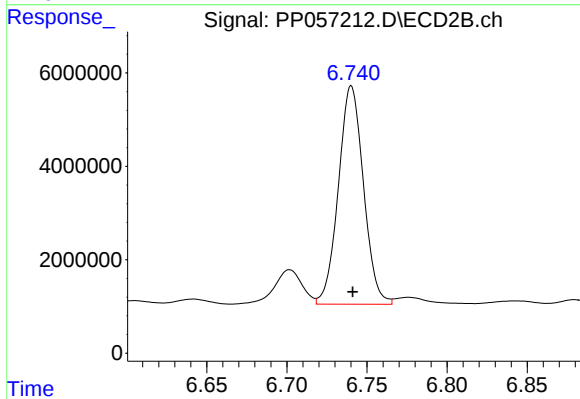
#29 AR-1254-4

R.T.: 6.322 min
Delta R.T.: 0.002 min
Response: 1026868
Conc: 13.63 ng/ml



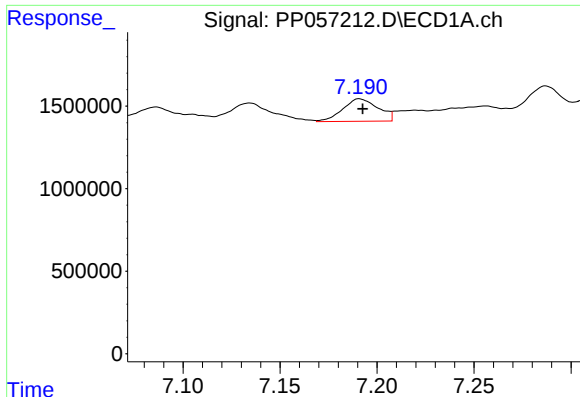
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: 0.020 min
Response: 55483993
Conc: 770.27 ng/ml



#30 AR-1254-5

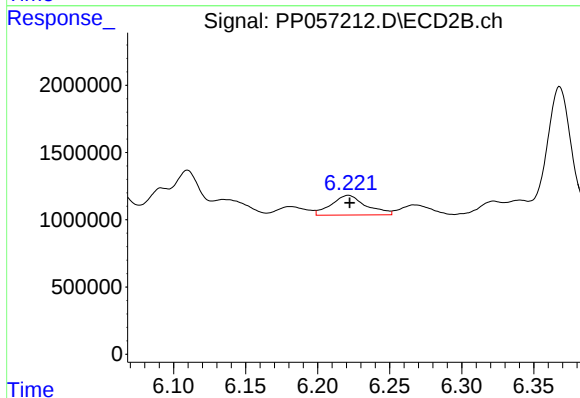
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 50944935
Conc: 413.86 ng/ml



#31 AR-1260-1

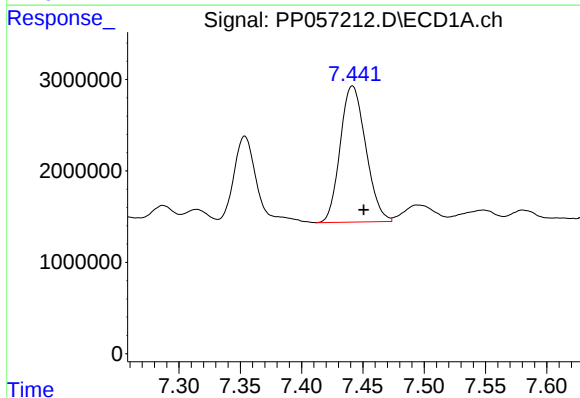
R.T.: 7.191 min
Delta R.T.: -0.002 min
Response: 1727460
Conc: 19.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



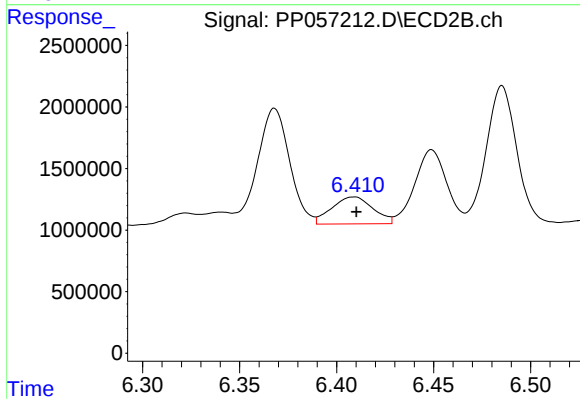
#31 AR-1260-1

R.T.: 6.221 min
Delta R.T.: -0.001 min
Response: 2451556
Conc: 24.19 ng/ml



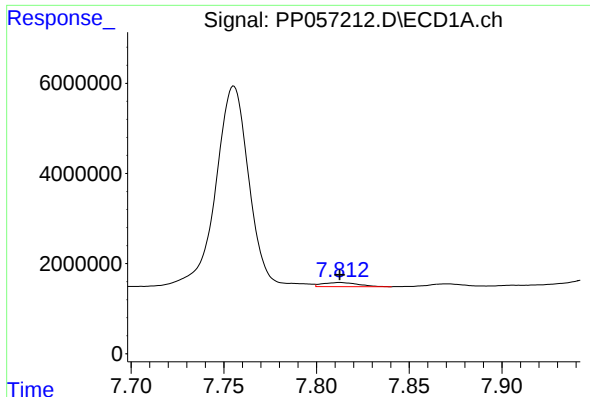
#32 AR-1260-2

R.T.: 7.442 min
Delta R.T.: -0.009 min
Response: 21615960
Conc: 235.38 ng/ml



#32 AR-1260-2

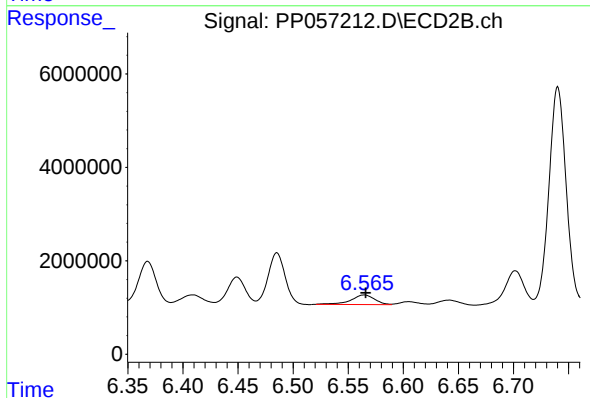
R.T.: 6.409 min
Delta R.T.: -0.001 min
Response: 3245778
Conc: 27.92 ng/ml



#33 AR-1260-3

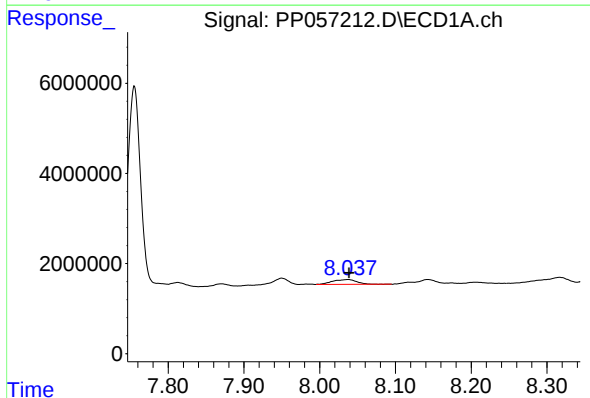
R.T.: 7.813 min
Delta R.T.: 0.000 min
Response: 1204742
Conc: 16.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



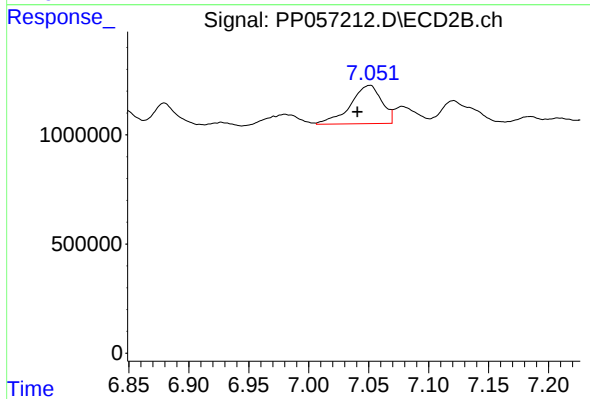
#33 AR-1260-3

R.T.: 6.565 min
Delta R.T.: -0.001 min
Response: 3110367
Conc: 28.12 ng/ml



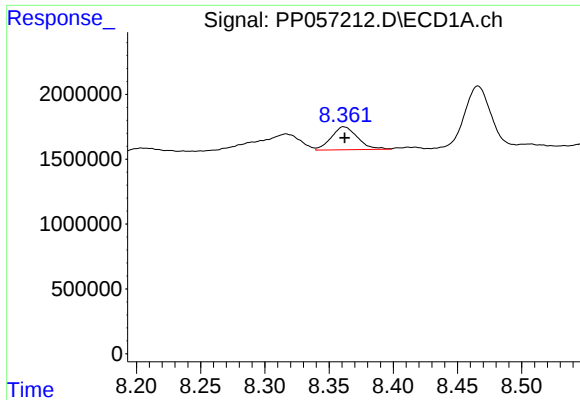
#34 AR-1260-4

R.T.: 8.037 min
Delta R.T.: -0.002 min
Response: 2368393
Conc: 28.18 ng/ml



#34 AR-1260-4

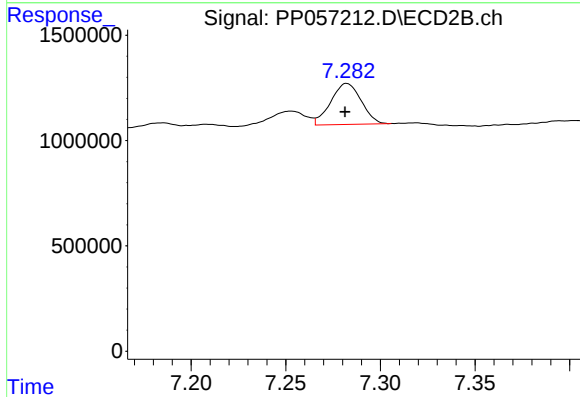
R.T.: 7.051 min
Delta R.T.: 0.011 min
Response: 3208643
Conc: 35.03 ng/ml



#35 AR-1260-5

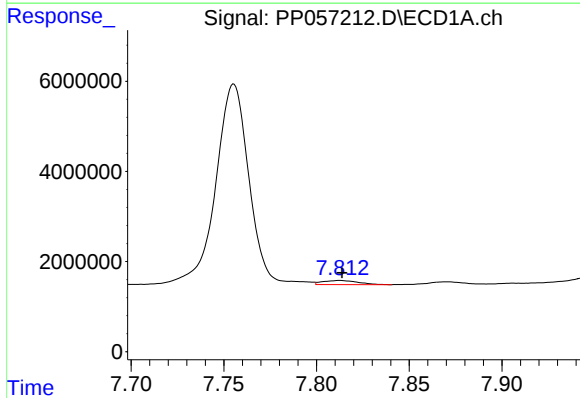
R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 2509353
Conc: 17.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



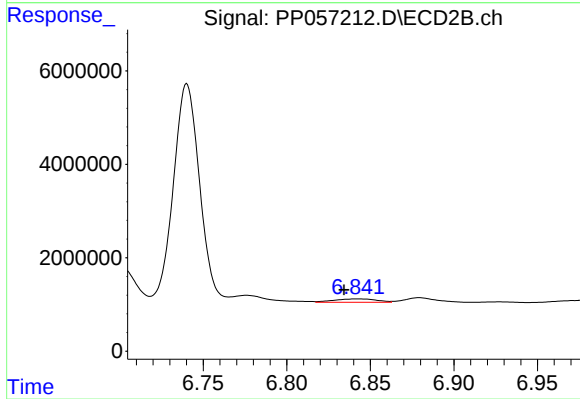
#35 AR-1260-5

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 2175304
Conc: 12.05 ng/ml



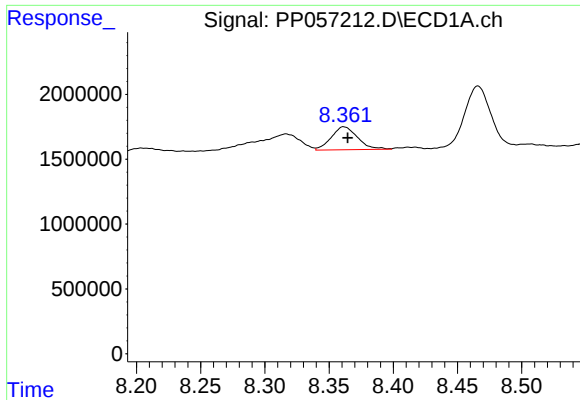
#36 AR-1262-1

R.T.: 7.813 min
Delta R.T.: -0.001 min
Response: 1204742
Conc: 11.94 ng/ml



#36 AR-1262-1

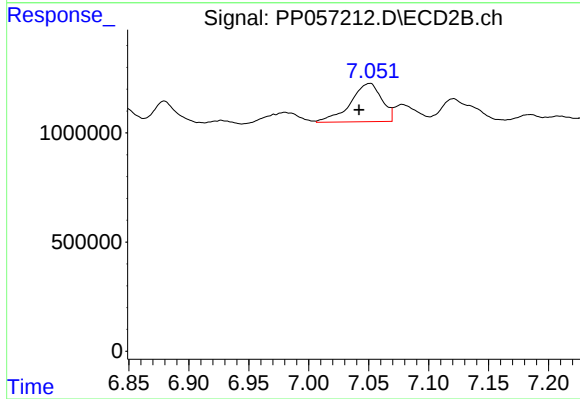
R.T.: 6.842 min
Delta R.T.: 0.008 min
Response: 1299424
Conc: 22.76 ng/ml



#37 AR-1262-2

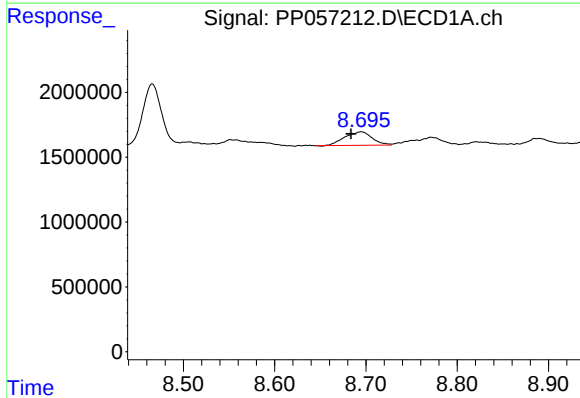
R.T.: 8.362 min
Delta R.T.: -0.003 min
Response: 2509353
Conc: 17.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



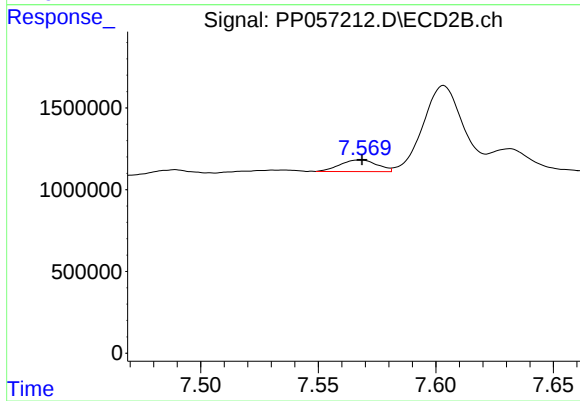
#37 AR-1262-2

R.T.: 7.051 min
Delta R.T.: 0.009 min
Response: 3208643
Conc: 27.62 ng/ml



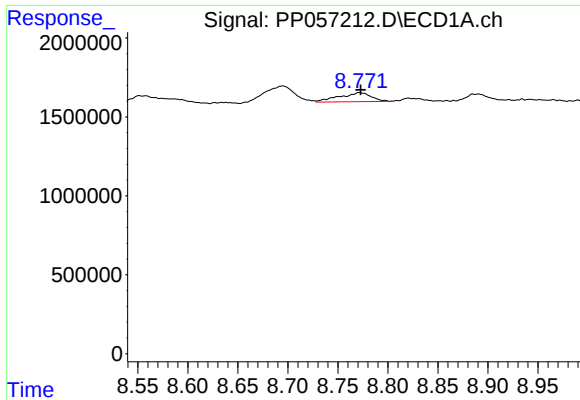
#38 AR-1262-3

R.T.: 8.695 min
Delta R.T.: 0.011 min
Response: 2173026
Conc: 20.26 ng/ml



#38 AR-1262-3

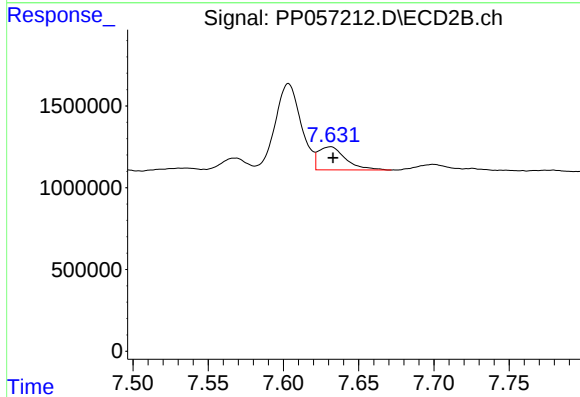
R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 784758
Conc: 8.66 ng/ml



#39 AR-1262-4

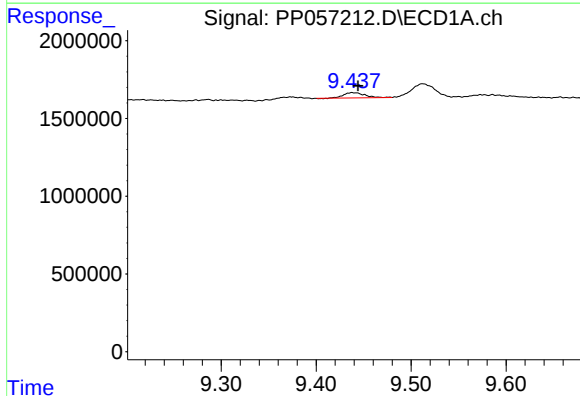
R.T.: 8.772 min
Delta R.T.: -0.001 min
Response: 1255430
Conc: 15.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



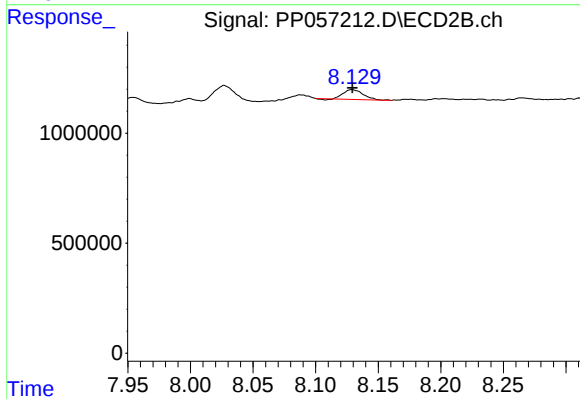
#39 AR-1262-4

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 1790327
Conc: 11.39 ng/ml



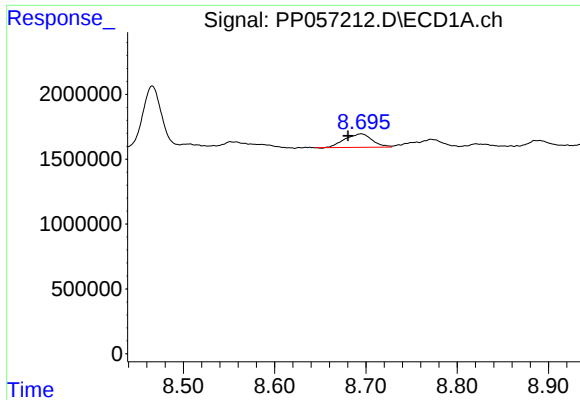
#40 AR-1262-5

R.T.: 9.438 min
Delta R.T.: -0.006 min
Response: 511588
Conc: 10.68 ng/ml



#40 AR-1262-5

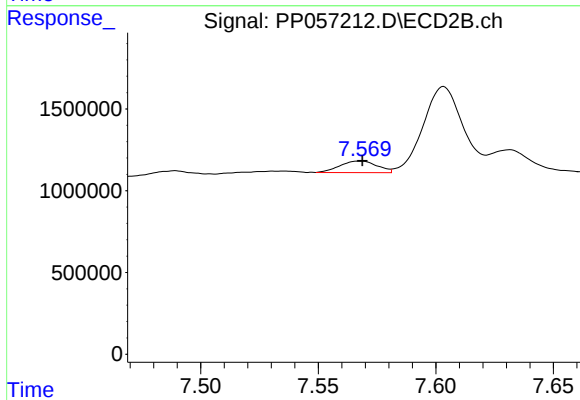
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 482831
Conc: 7.06 ng/ml



#41 AR-1268-1

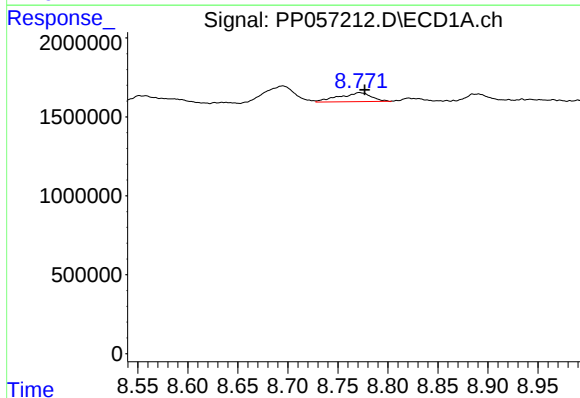
R.T.: 8.695 min
Delta R.T.: 0.014 min
Response: 2173026
Conc: 10.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



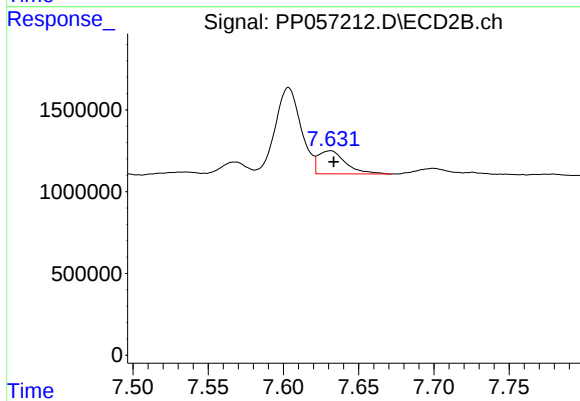
#41 AR-1268-1

R.T.: 7.568 min
Delta R.T.: -0.001 min
Response: 784758
Conc: 2.83 ng/ml



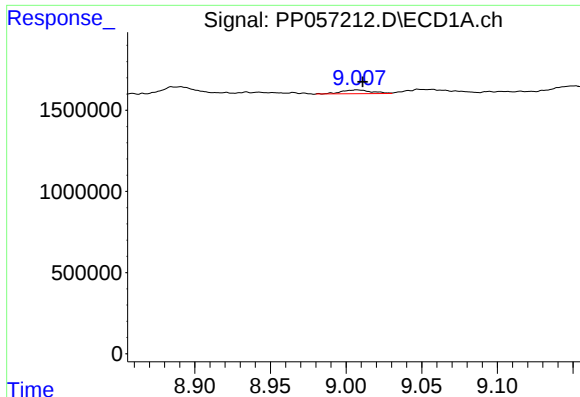
#42 AR-1268-2

R.T.: 8.772 min
Delta R.T.: -0.005 min
Response: 1255430
Conc: 7.01 ng/ml



#42 AR-1268-2

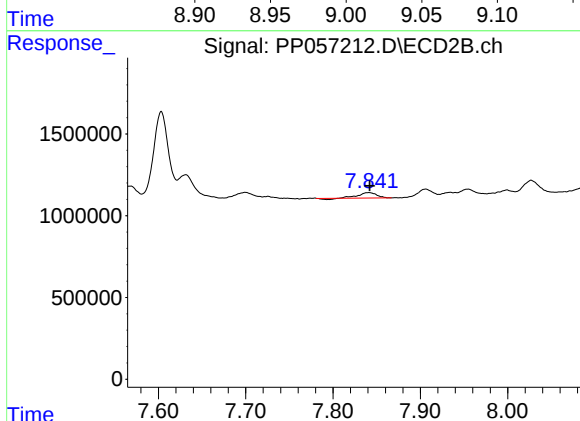
R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 1790327
Conc: 7.18 ng/ml



#43 AR-1268-3

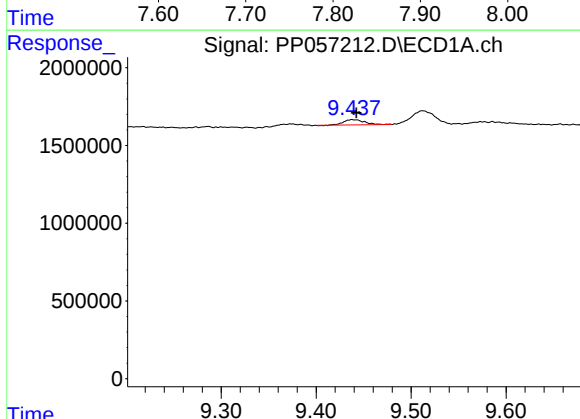
R.T.: 9.007 min
Delta R.T.: -0.004 min
Response: 319594
Conc: 1.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



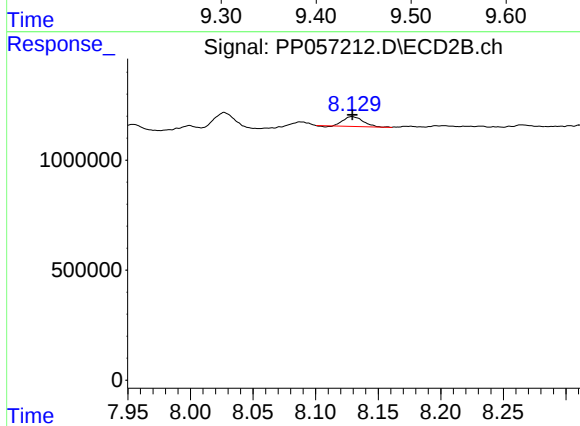
#43 AR-1268-3

R.T.: 7.841 min
Delta R.T.: -0.001 min
Response: 461951
Conc: 2.09 ng/ml



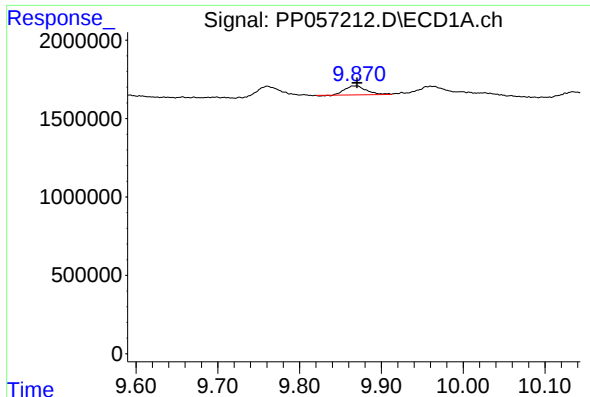
#44 AR-1268-4

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 511588
Conc: 9.02 ng/ml



#44 AR-1268-4

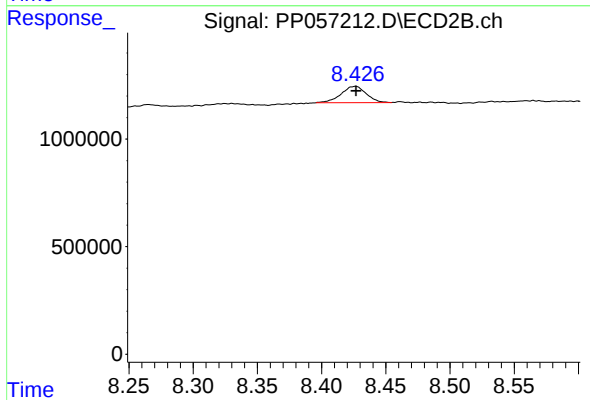
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 482831
Conc: 6.04 ng/ml



#45 AR-1268-5

R.T.: 9.870 min
Delta R.T.: 0.000 min
Response: 1033778
Conc: 2.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 1039995
Conc: 1.76 ng/ml