

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012020\
 Data File : PR044379.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 15:35
 Operator : DD\AJ
 Sample : L1161-01
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:07:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:46:28 2020
 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...	4.699	3.961	122.9E6	262.9E6	16.573	16.626
2)	SA Decachlor...	10.593	9.039	132.6E6	235.9E6	17.359	16.580
Target Compounds							
3)	L1 AR-1016-1	5.875	5.050	4185748	7794393	15.391	17.278
4)	L1 AR-1016-2	5.897	5.070	5855828	10502559	15.223	17.028
5)	L1 AR-1016-3	5.960	5.248	3537913	4224430	15.590	13.900
6)	L1 AR-1016-4	6.060	5.288	2697979	3592192	14.202	15.648
7)	L1 AR-1016-5	6.354	5.504	2419614	5286986	13.071	16.812 #
8)	L2 AR-1221-1	4.906	4.171	1797380	4534375	24.450	27.229
9)	L2 AR-1221-2	5.003	4.263	3077919	6548192	56.178	53.110
10)	L2 AR-1221-3	5.074	4.335	5278646	12204838	29.757	31.669
11)	L3 AR-1232-1	5.074	4.335	5278646	12204838	37.647	40.022
12)	L3 AR-1232-2	5.607	5.070	3187650	10502559	43.226	42.600
13)	L3 AR-1232-3	5.897	5.248	5855828	4224430	39.006	35.031
14)	L3 AR-1232-4	6.060	5.332	2697979	4089158	36.276	41.777
15)	L3 AR-1232-5	6.147	5.504	2351292	5286986	42.530	47.063
16)	L4 AR-1242-1	5.875	5.050	4185748	7794393	21.771	25.002
17)	L4 AR-1242-2	5.897	5.070	5855828	10502559	21.529	24.580
18)	L4 AR-1242-3	5.960	5.248	3537913	4224430	21.818	19.879
19)	L4 AR-1242-4	6.060	5.332	2697979	4089158	19.893	21.218
20)	L4 AR-1242-5	6.796	5.855	3073588	9547269	20.139	30.932 #
21)	L5 AR-1248-1	5.875	5.050	4185748	7794393	27.600	30.895
22)	L5 AR-1248-2	6.147	5.288	2351292	3592192	11.534	13.112
23)	L5 AR-1248-3	6.354	5.332	2419614	4089158	10.626	14.581 #
24)	L5 AR-1248-4	6.757	5.504	2776614	5286986	10.257	14.631 #
25)	L5 AR-1248-5	6.796	5.898	3073588	11362886	12.011	27.098 #
26)	L6 AR-1254-1	6.729	5.855	2503531	9547269	9.553	15.383 #
27)	L6 AR-1254-2	6.955	6.002	2283801	7061700	5.613	12.706 #
28)	L6 AR-1254-3	7.333	6.409	1937524	4993076	4.401	5.276
29)	L6 AR-1254-4	7.603	6.634	604258	7201197	1.790	9.995 #
30)	L6 AR-1254-5	0.000	7.078	0	5579944	N.D.	6.534 #
31)	L7 AR-1260-1	0.000	6.521	0	2619421	N.D.	3.841 #
32)	L7 AR-1260-2	0.000	6.711	0	5472479	N.D.	5.480 #
33)	L7 AR-1260-3	0.000	6.888	0	3244645	N.D.	4.001 #
34)	L7 AR-1260-4	0.000	7.352	0	5592697	N.D.	7.754 #
35)	L7 AR-1260-5	0.000	7.594	0	12947473	N.D.	5.988 #
36)	L8 AR-1262-1	0.000	7.100	0	2096865	N.D.	1.736 #
37)	L8 AR-1262-2	0.000	7.594	0	12947473	N.D.	5.810 #
38)	L8 AR-1262-3	0.000	7.937	0	3502827	N.D.	3.962 #
39)	L8 AR-1262-4	0.000	7.937	0	3502827	N.D.	2.383 #
40)	L8 AR-1262-5	0.000	8.444	0	1220949	N.D.	1.788 #
41)	L9 AR-1268-1	0.000	7.937	0	3502827	N.D.	1.311 #

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 Misc : AR1232 LOD 25 PPB
 ALS Vial : 6 Sample Multiplier: 1

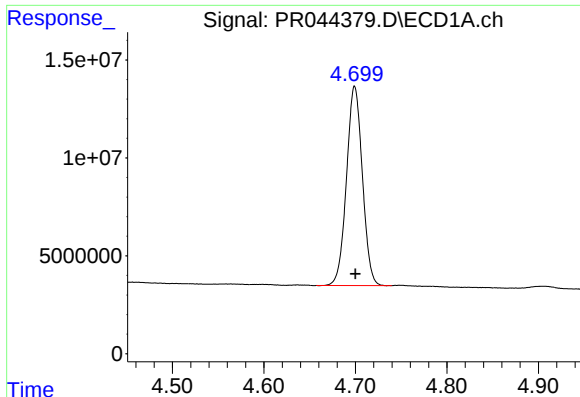
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.937	0	3502827	N.D.	1.532 #
43) L9	AR-1268-3	9.337	8.148	577601	2228004	0.698	1.143 #
44) L9	AR-1268-4	0.000	8.444	0	1220949	N.D.	1.545 #
45) L9	AR-1268-5	10.234	8.765	834314	3431038	0.290	0.612 #

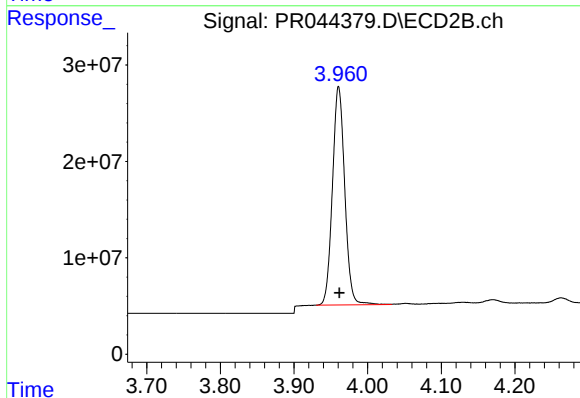
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

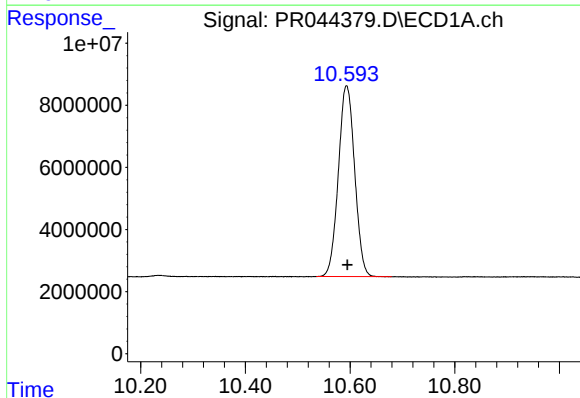
R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 122868666
Conc: 16.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



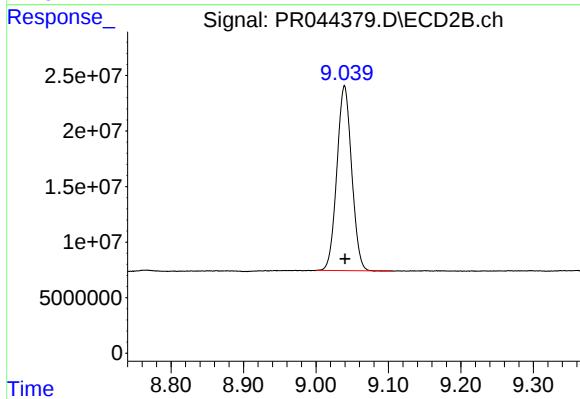
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 262915942
Conc: 16.63 ng/ml



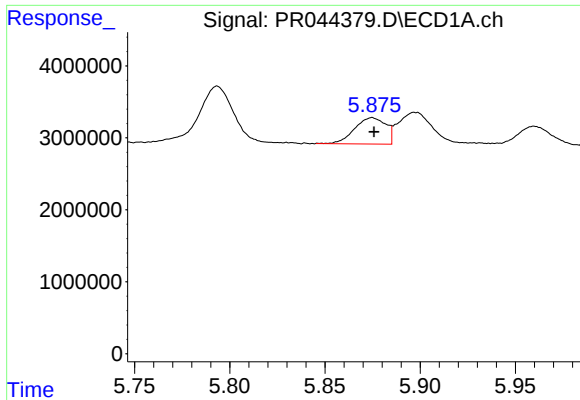
#2 Decachlorobiphenyl

R.T.: 10.593 min
Delta R.T.: -0.001 min
Response: 132606890
Conc: 17.36 ng/ml



#2 Decachlorobiphenyl

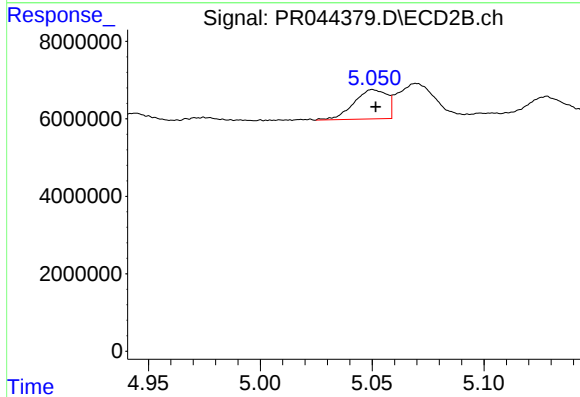
R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 235929145
Conc: 16.58 ng/ml



#3 AR-1016-1

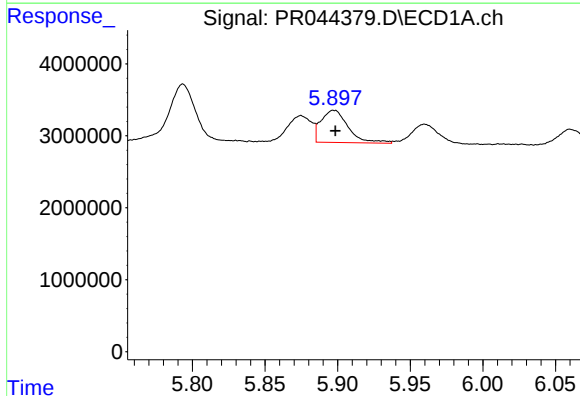
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 4185748
Conc: 15.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



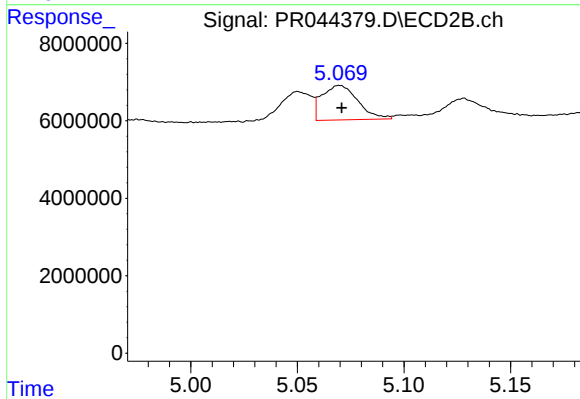
#3 AR-1016-1

R.T.: 5.050 min
Delta R.T.: -0.001 min
Response: 7794393
Conc: 17.28 ng/ml



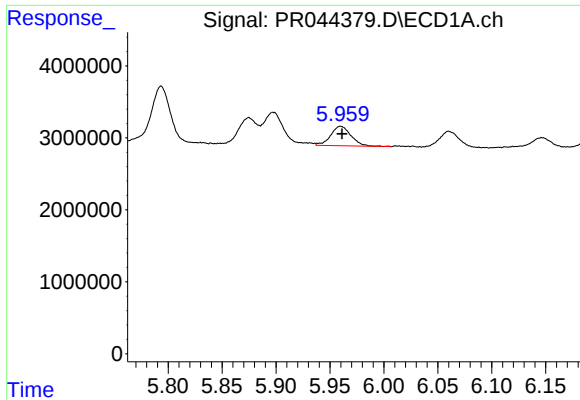
#4 AR-1016-2

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 5855828
Conc: 15.22 ng/ml



#4 AR-1016-2

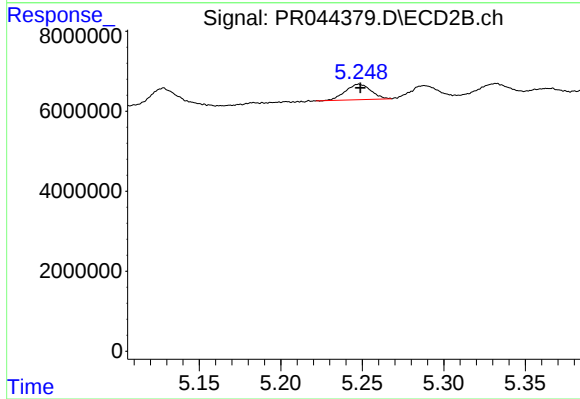
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 10502559
Conc: 17.03 ng/ml



#5 AR-1016-3

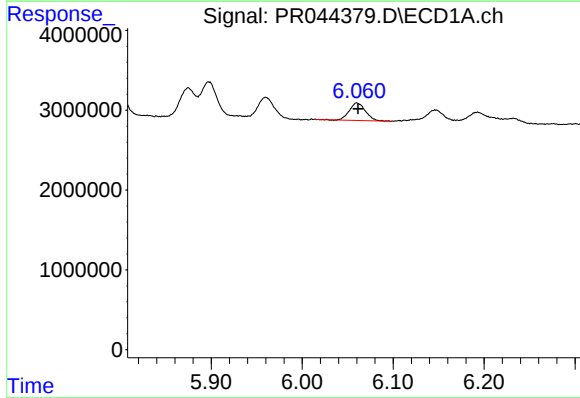
R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 3537913
Conc: 15.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



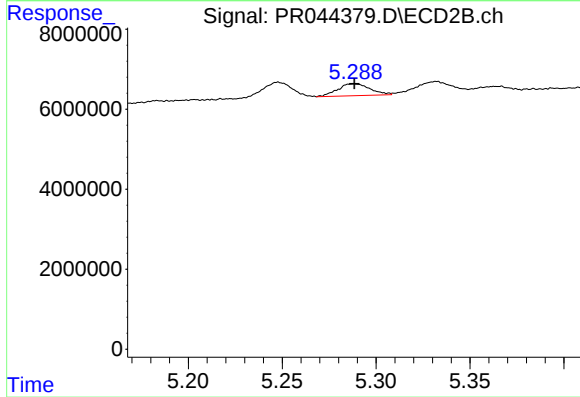
#5 AR-1016-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 4224430
Conc: 13.90 ng/ml



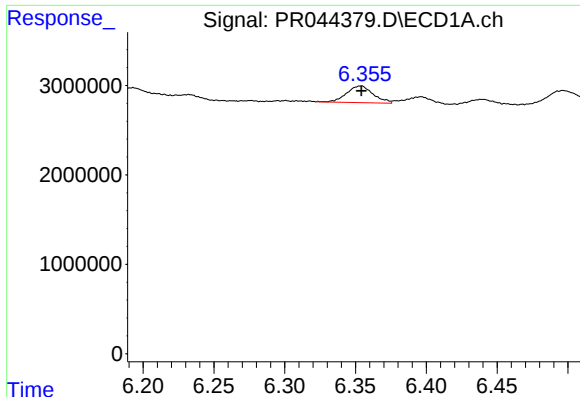
#6 AR-1016-4

R.T.: 6.060 min
Delta R.T.: -0.001 min
Response: 2697979
Conc: 14.20 ng/ml



#6 AR-1016-4

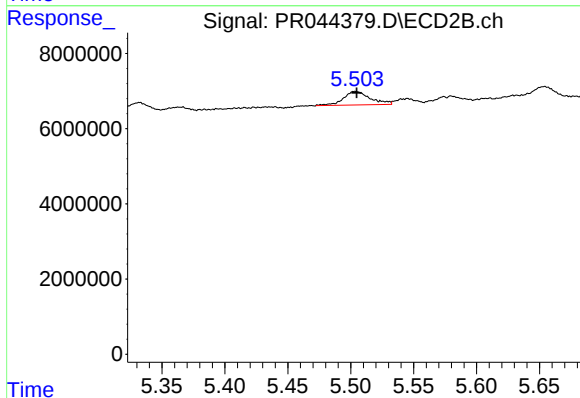
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 3592192
Conc: 15.65 ng/ml



#7 AR-1016-5

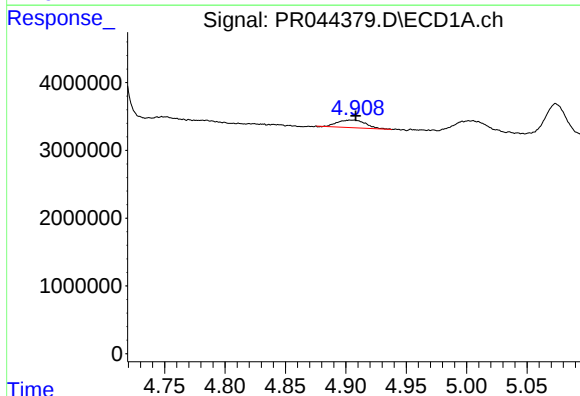
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 2419614
Conc: 13.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



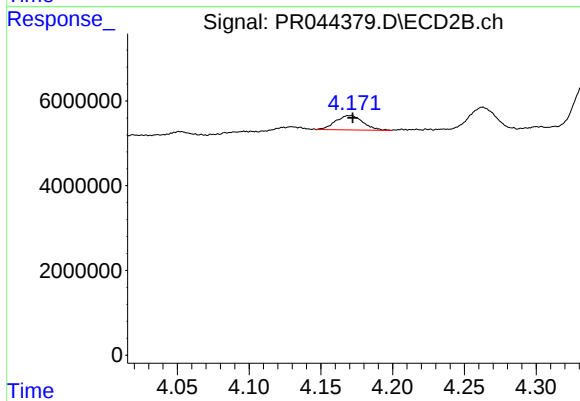
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 5286986
Conc: 16.81 ng/ml



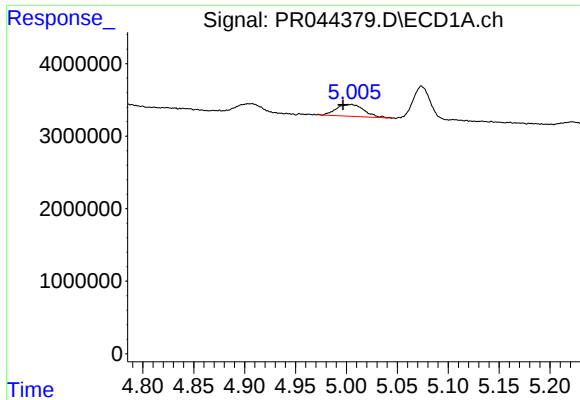
#8 AR-1221-1

R.T.: 4.906 min
Delta R.T.: -0.002 min
Response: 1797380
Conc: 24.45 ng/ml



#8 AR-1221-1

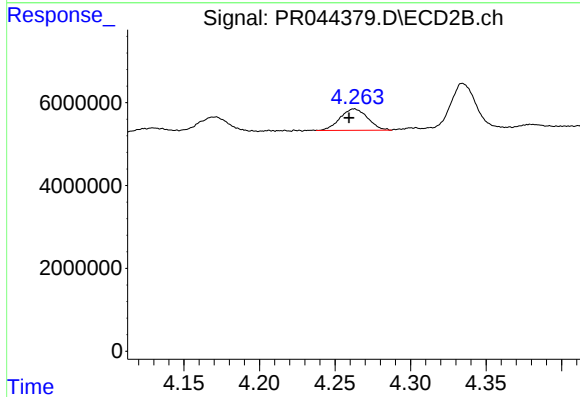
R.T.: 4.171 min
Delta R.T.: -0.002 min
Response: 4534375
Conc: 27.23 ng/ml



#9 AR-1221-2

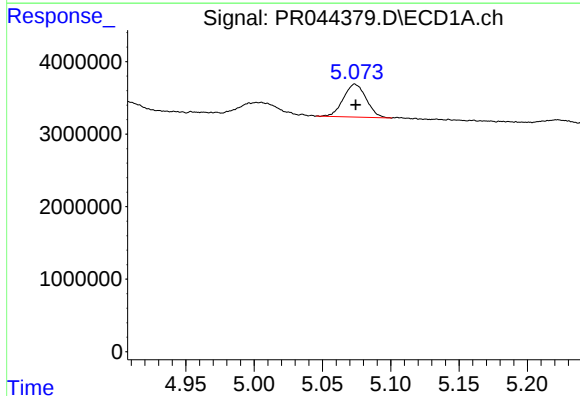
R.T.: 5.003 min
Delta R.T.: 0.007 min
Response: 3077919
Conc: 56.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



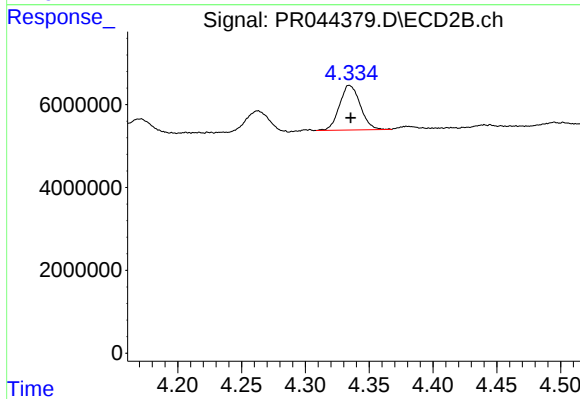
#9 AR-1221-2

R.T.: 4.263 min
Delta R.T.: 0.003 min
Response: 6548192
Conc: 53.11 ng/ml



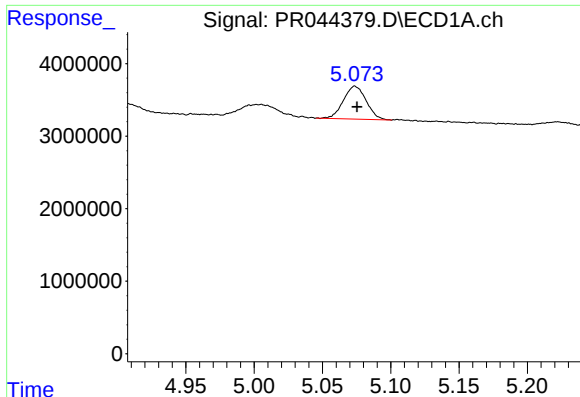
#10 AR-1221-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 5278646
Conc: 29.76 ng/ml



#10 AR-1221-3

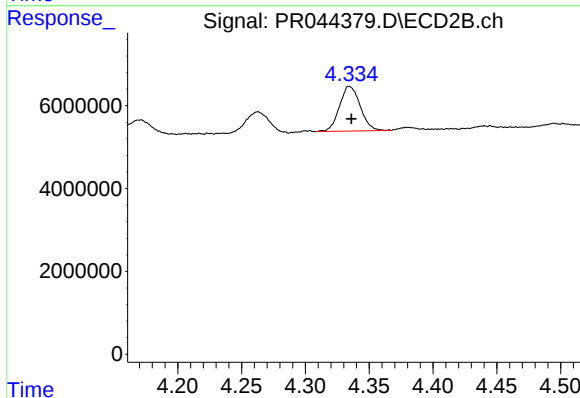
R.T.: 4.335 min
Delta R.T.: -0.001 min
Response: 12204838
Conc: 31.67 ng/ml



#11 AR-1232-1

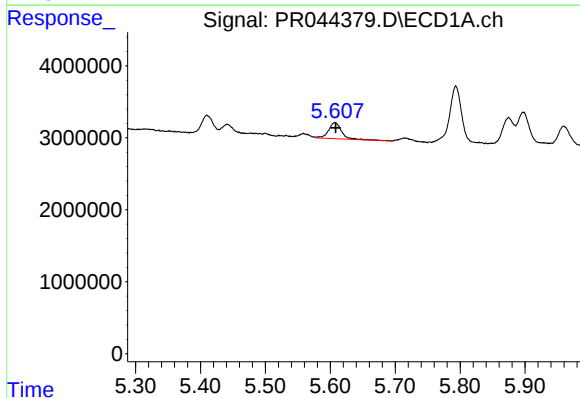
R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 5278646
Conc: 37.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



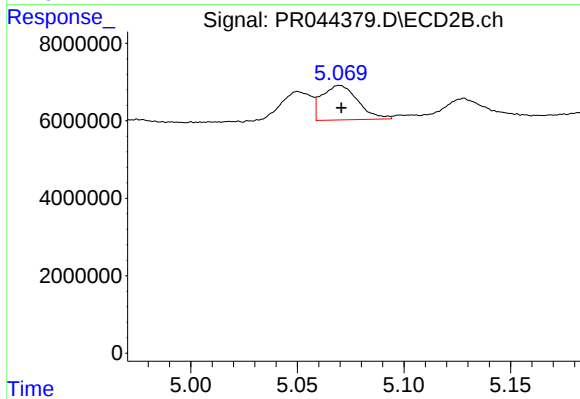
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 12204838
Conc: 40.02 ng/ml



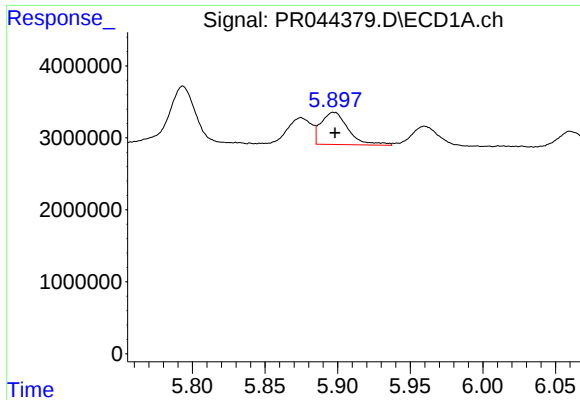
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.001 min
Response: 3187650
Conc: 43.23 ng/ml



#12 AR-1232-2

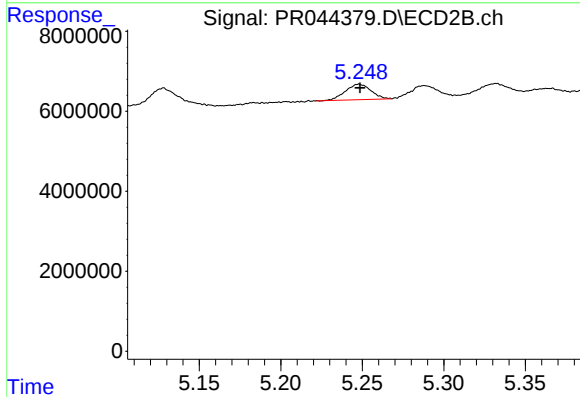
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 10502559
Conc: 42.60 ng/ml



#13 AR-1232-3

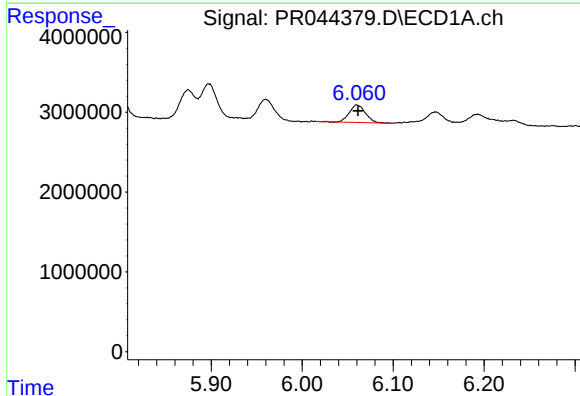
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 5855828
Conc: 39.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



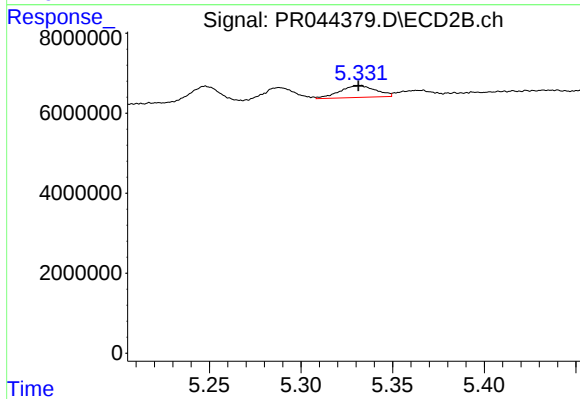
#13 AR-1232-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 4224430
Conc: 35.03 ng/ml



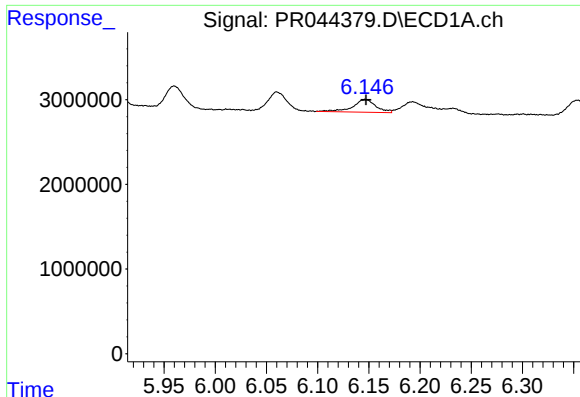
#14 AR-1232-4

R.T.: 6.060 min
Delta R.T.: -0.001 min
Response: 2697979
Conc: 36.28 ng/ml



#14 AR-1232-4

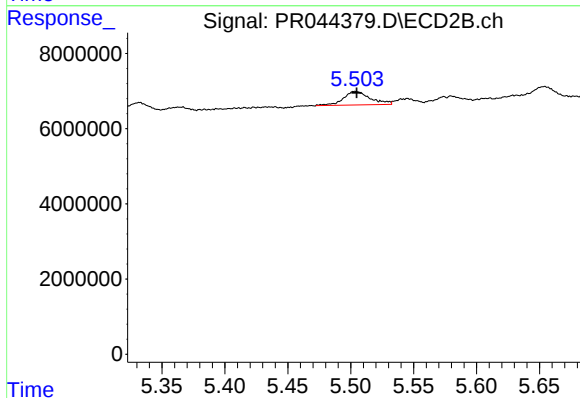
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 4089158
Conc: 41.78 ng/ml



#15 AR-1232-5

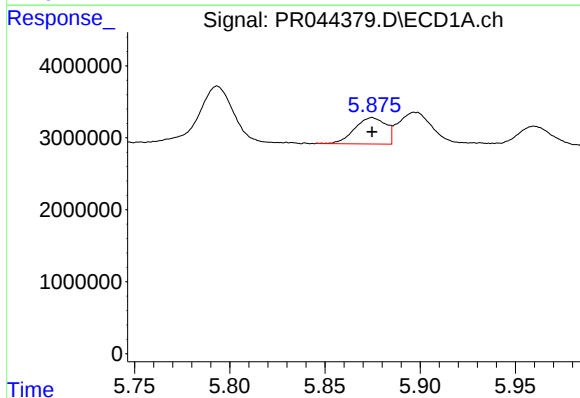
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 2351292
Conc: 42.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



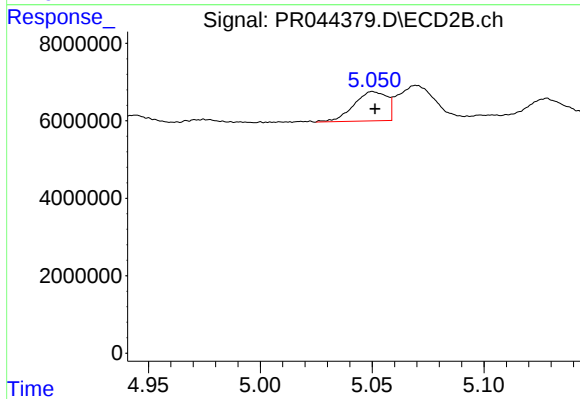
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 5286986
Conc: 47.06 ng/ml



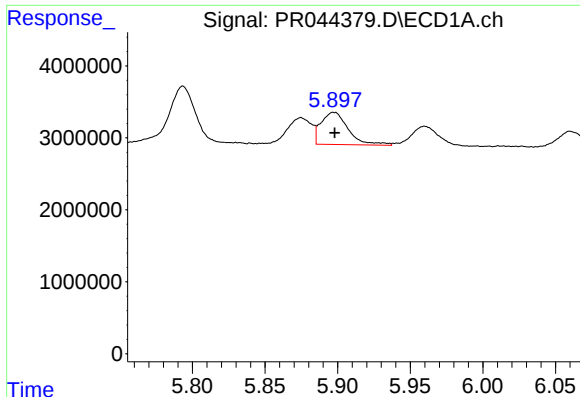
#16 AR-1242-1

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 4185748
Conc: 21.77 ng/ml



#16 AR-1242-1

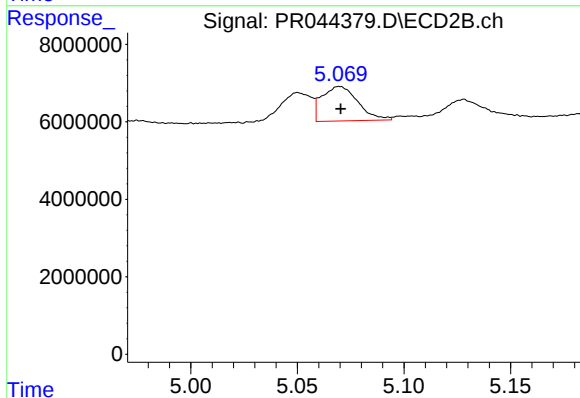
R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 7794393
Conc: 25.00 ng/ml



#17 AR-1242-2

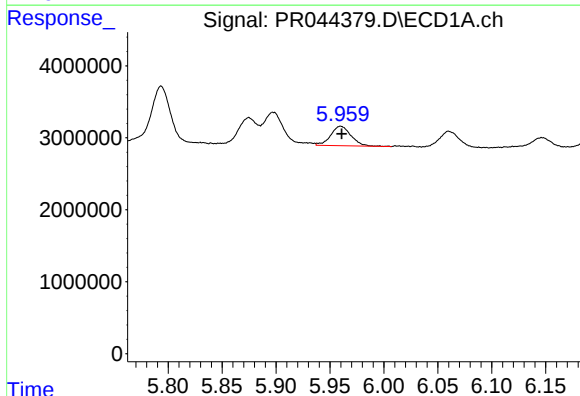
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 5855828
Conc: 21.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



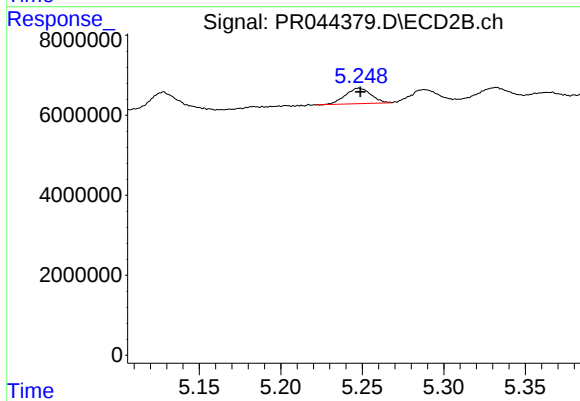
#17 AR-1242-2

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 10502559
Conc: 24.58 ng/ml



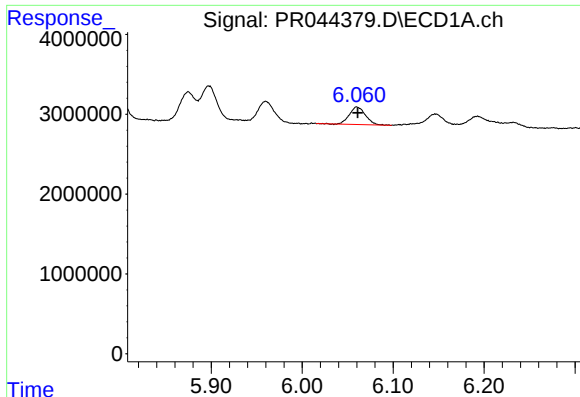
#18 AR-1242-3

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 3537913
Conc: 21.82 ng/ml



#18 AR-1242-3

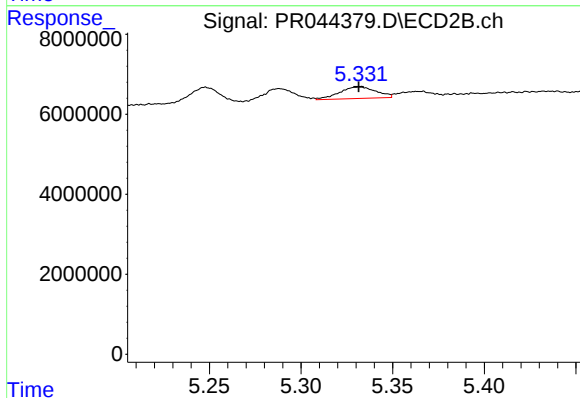
R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 4224430
Conc: 19.88 ng/ml



#19 AR-1242-4

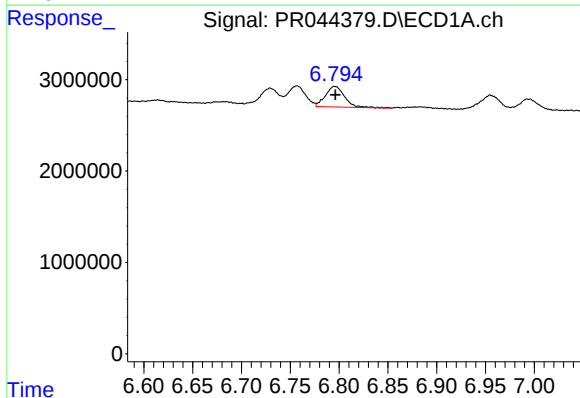
R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 2697979
Conc: 19.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



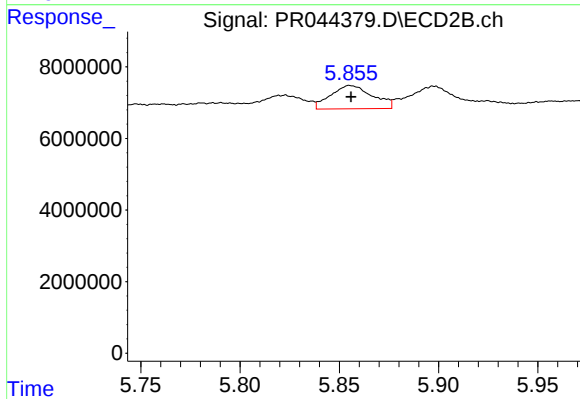
#19 AR-1242-4

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 4089158
Conc: 21.22 ng/ml



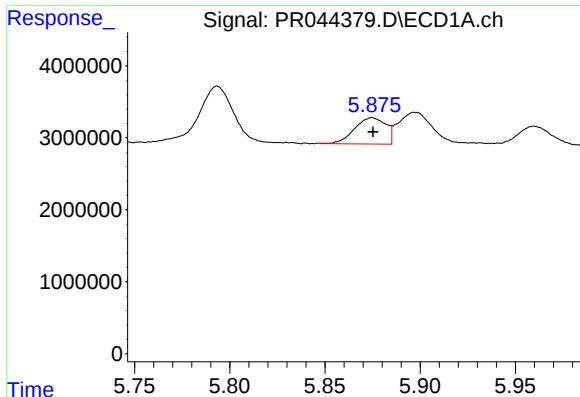
#20 AR-1242-5

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 3073588
Conc: 20.14 ng/ml



#20 AR-1242-5

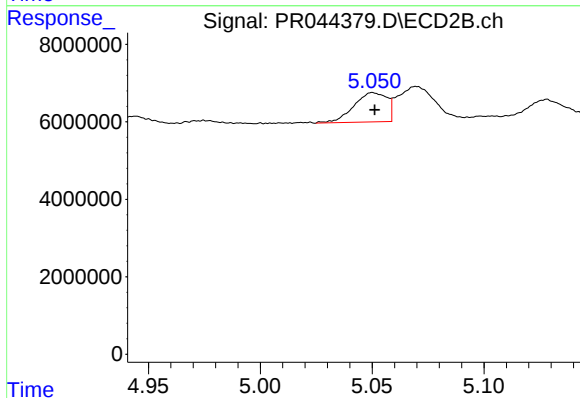
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 9547269
Conc: 30.93 ng/ml



#21 AR-1248-1

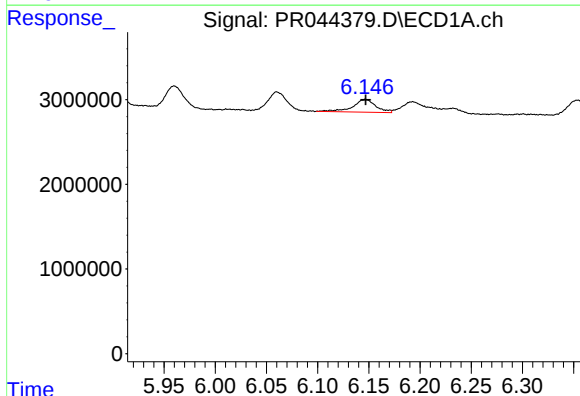
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 4185748
Conc: 27.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



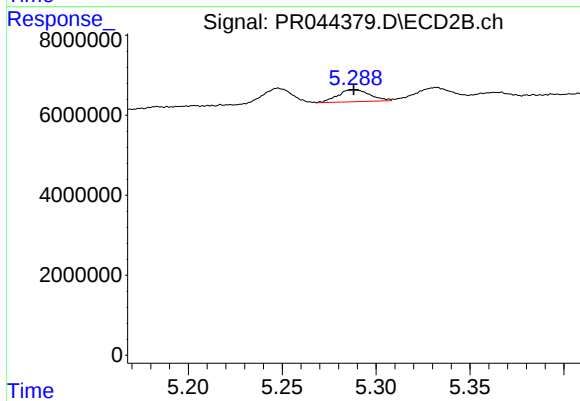
#21 AR-1248-1

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 7794393
Conc: 30.90 ng/ml



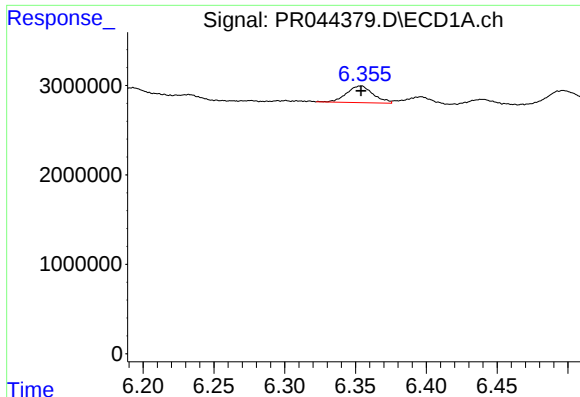
#22 AR-1248-2

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 2351292
Conc: 11.53 ng/ml



#22 AR-1248-2

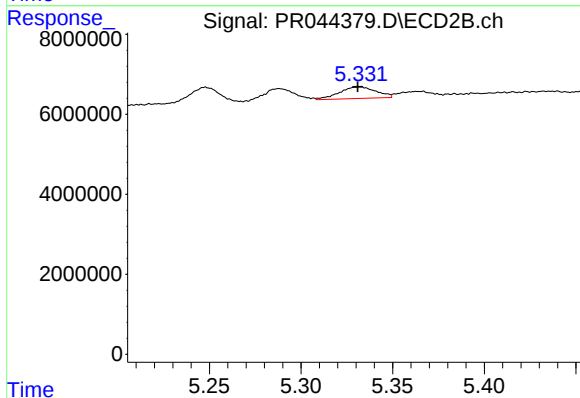
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 3592192
Conc: 13.11 ng/ml



#23 AR-1248-3

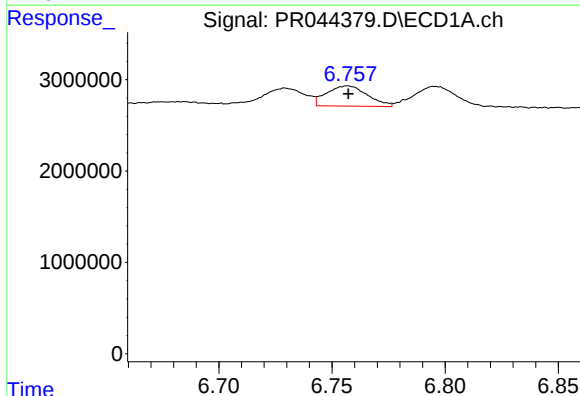
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 2419614
Conc: 10.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



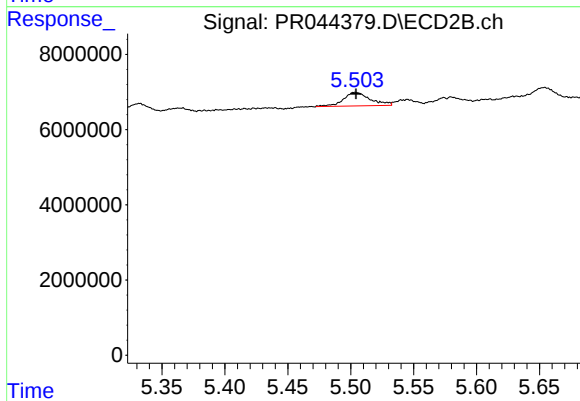
#23 AR-1248-3

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 4089158
Conc: 14.58 ng/ml



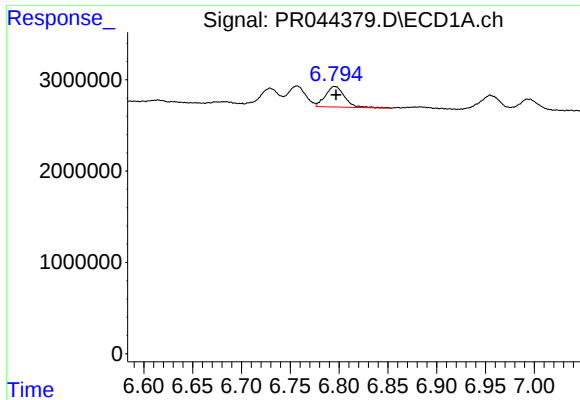
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 2776614
Conc: 10.26 ng/ml



#24 AR-1248-4

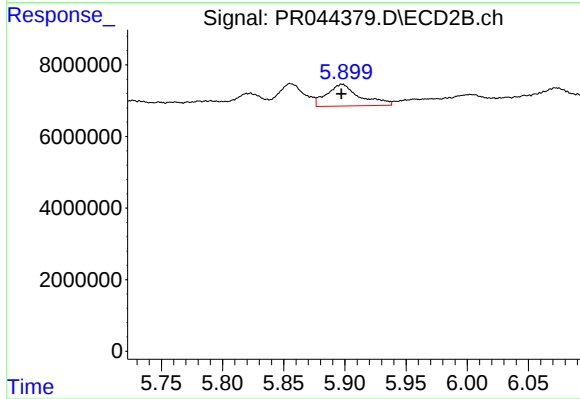
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 5286986
Conc: 14.63 ng/ml



#25 AR-1248-5

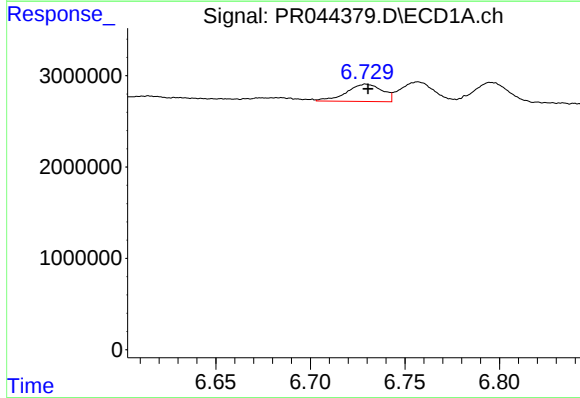
R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 3073588
Conc: 12.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



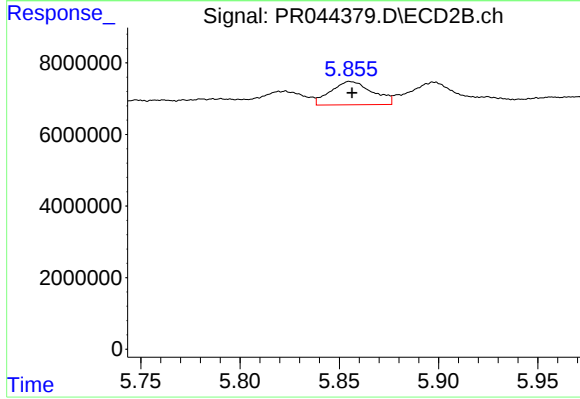
#25 AR-1248-5

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 11362886
Conc: 27.10 ng/ml



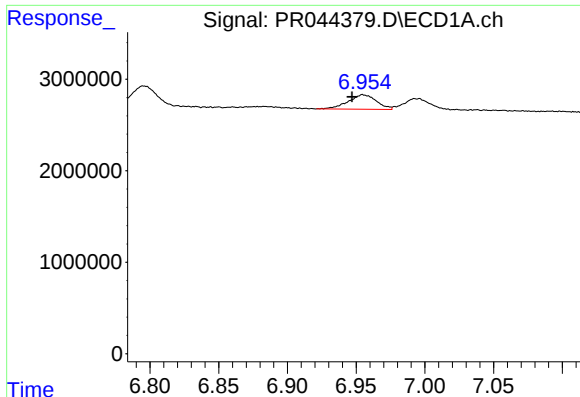
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 2503531
Conc: 9.55 ng/ml



#26 AR-1254-1

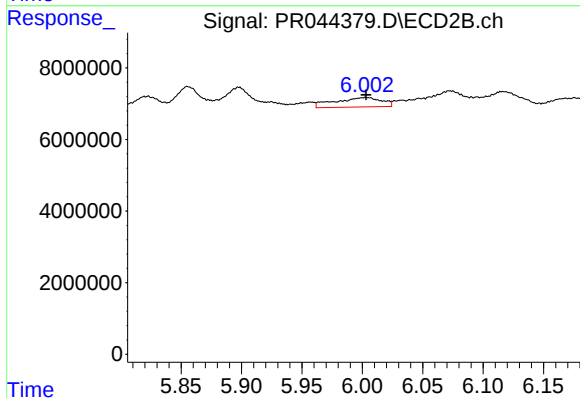
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 9547269
Conc: 15.38 ng/ml



#27 AR-1254-2

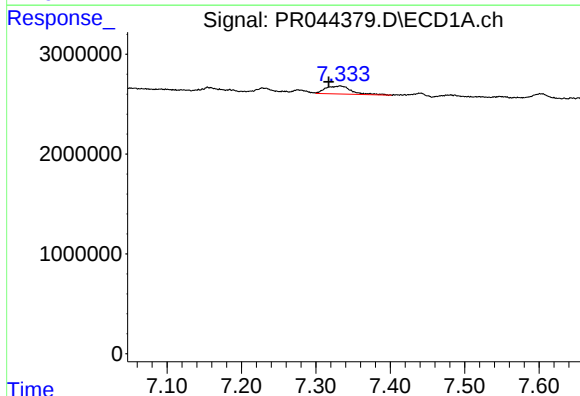
R.T.: 6.955 min
Delta R.T.: 0.008 min
Response: 2283801
Conc: 5.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



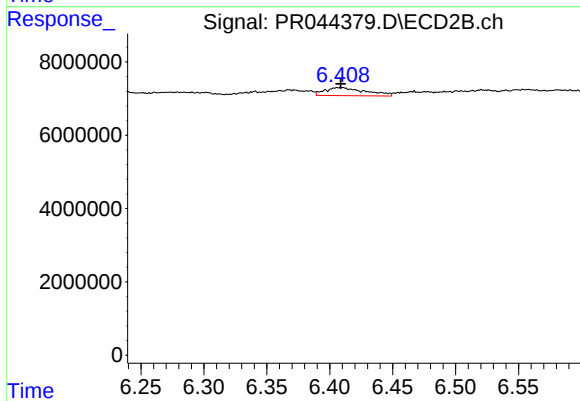
#27 AR-1254-2

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 7061700
Conc: 12.71 ng/ml



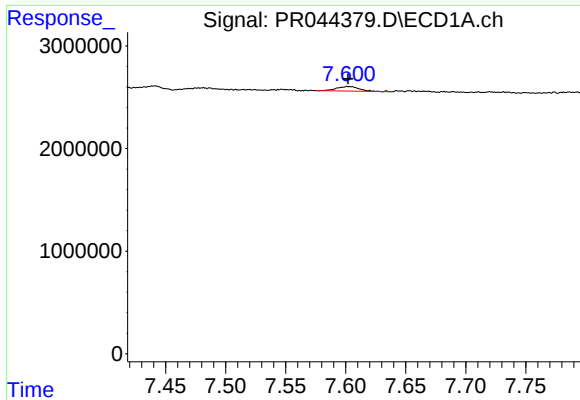
#28 AR-1254-3

R.T.: 7.333 min
Delta R.T.: 0.016 min
Response: 1937524
Conc: 4.40 ng/ml



#28 AR-1254-3

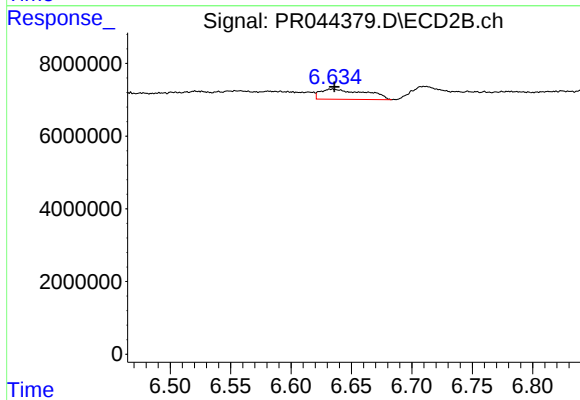
R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 4993076
Conc: 5.28 ng/ml



#29 AR-1254-4

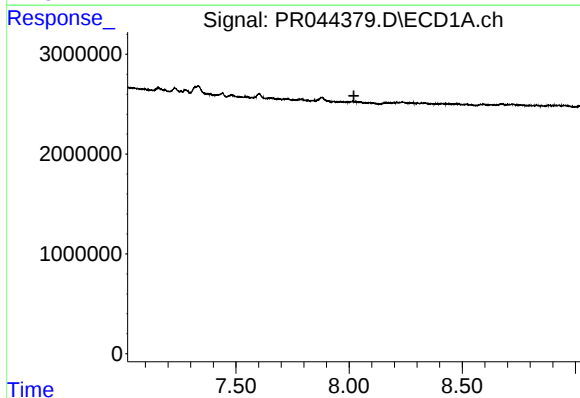
R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 604258
Conc: 1.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



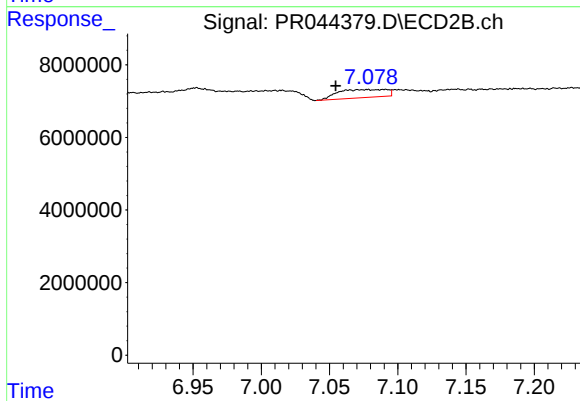
#29 AR-1254-4

R.T.: 6.634 min
Delta R.T.: -0.002 min
Response: 7201197
Conc: 9.99 ng/ml



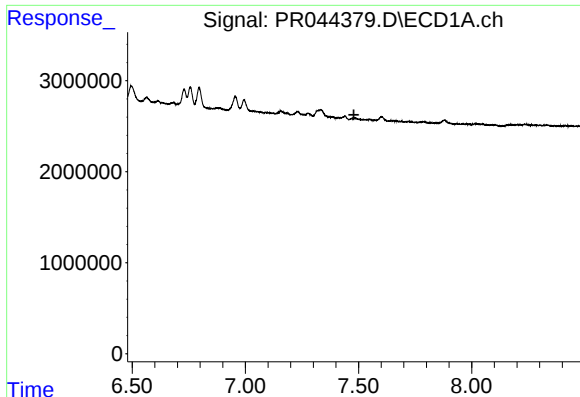
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.021 min
Response: 0
Conc: N.D.



#30 AR-1254-5

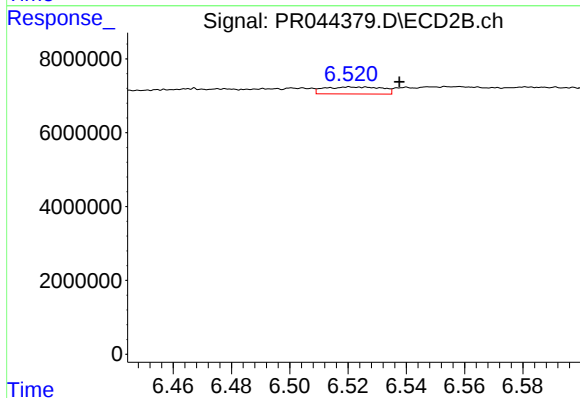
R.T.: 7.078 min
Delta R.T.: 0.023 min
Response: 5579944
Conc: 6.53 ng/ml



#31 AR-1260-1

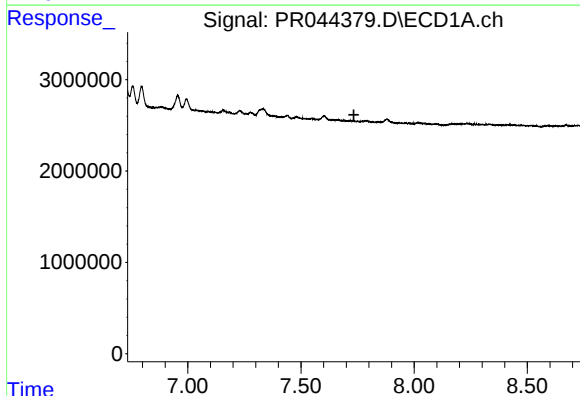
R.T.: 0.000 min
Exp R.T.: 7.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



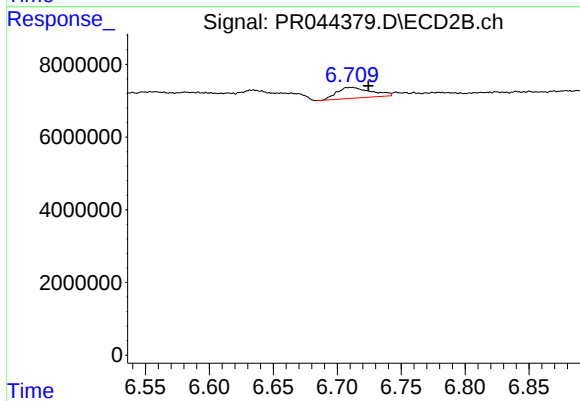
#31 AR-1260-1

R.T.: 6.521 min
Delta R.T.: -0.017 min
Response: 2619421
Conc: 3.84 ng/ml



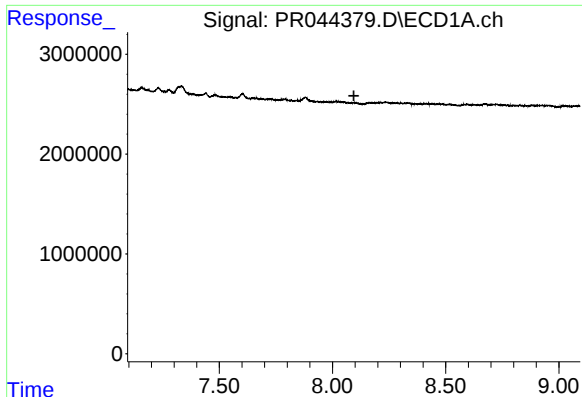
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.734 min
Response: 0
Conc: N.D.



#32 AR-1260-2

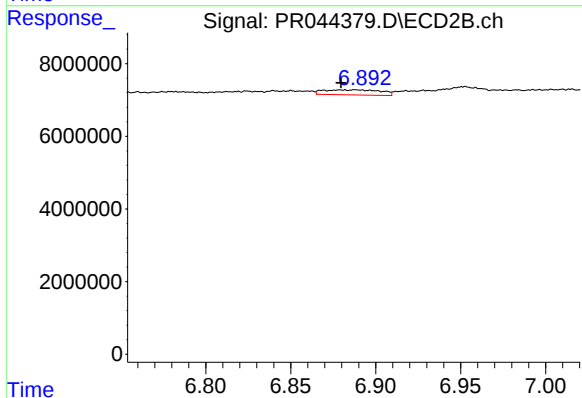
R.T.: 6.711 min
Delta R.T.: -0.014 min
Response: 5472479
Conc: 5.48 ng/ml



#33 AR-1260-3

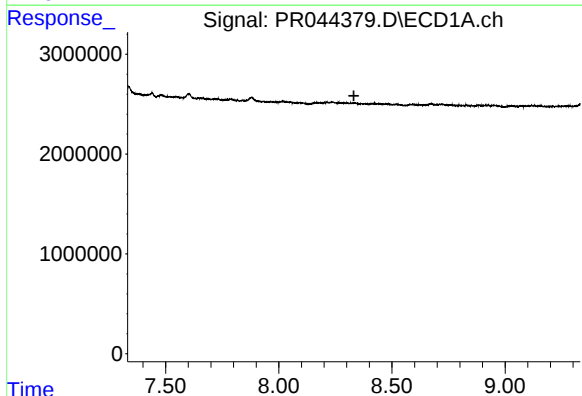
R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



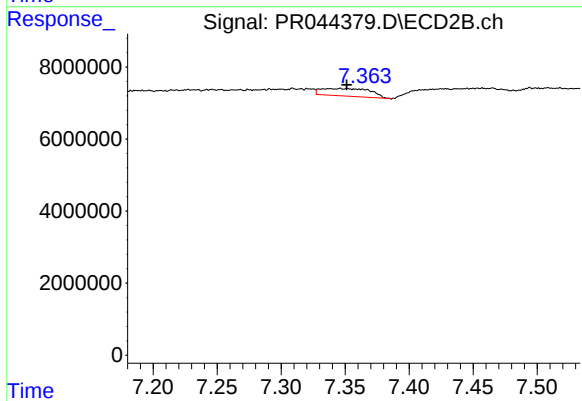
#33 AR-1260-3

R.T.: 6.888 min
Delta R.T.: 0.008 min
Response: 3244645
Conc: 4.00 ng/ml



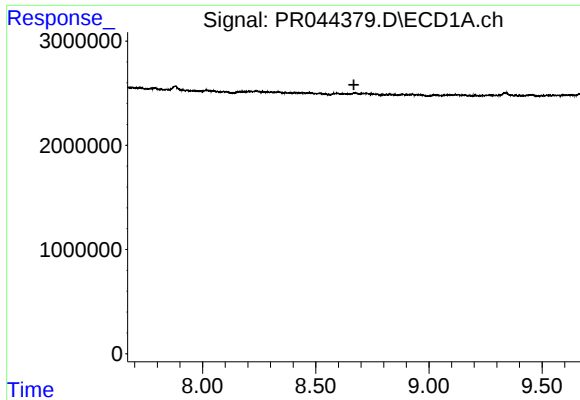
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.332 min
Response: 0
Conc: N.D.



#34 AR-1260-4

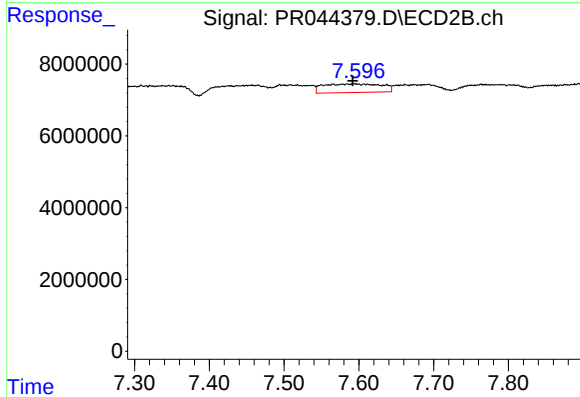
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 5592697
Conc: 7.75 ng/ml



#35 AR-1260-5

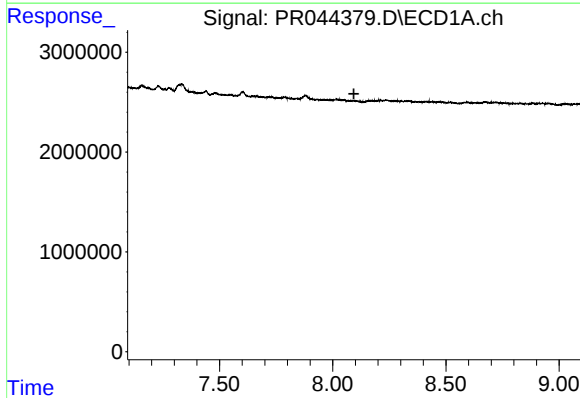
R.T.: 0.000 min
Exp R.T. : 8.669 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



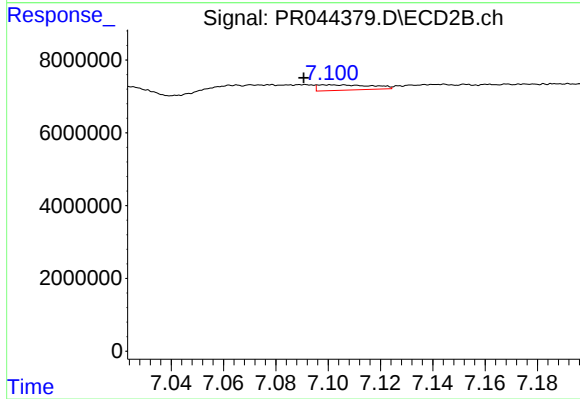
#35 AR-1260-5

R.T.: 7.594 min
Delta R.T.: 0.002 min
Response: 12947473
Conc: 5.99 ng/ml



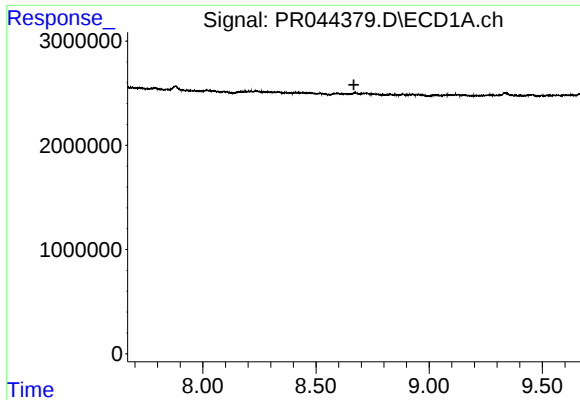
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.094 min
Response: 0
Conc: N.D.



#36 AR-1262-1

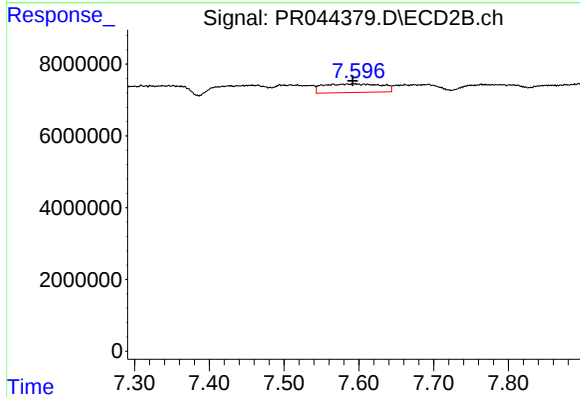
R.T.: 7.100 min
Delta R.T.: 0.009 min
Response: 2096865
Conc: 1.74 ng/ml



#37 AR-1262-2

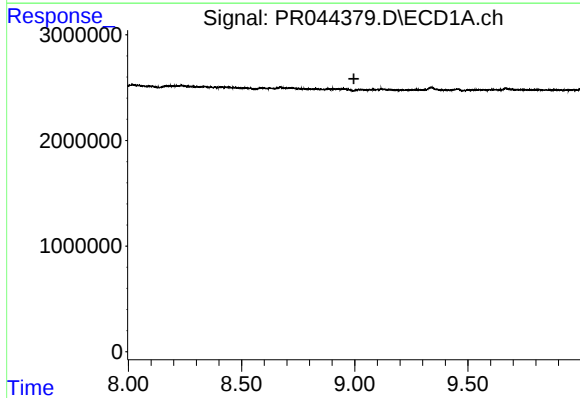
R.T.: 0.000 min
Exp R.T.: 8.668 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



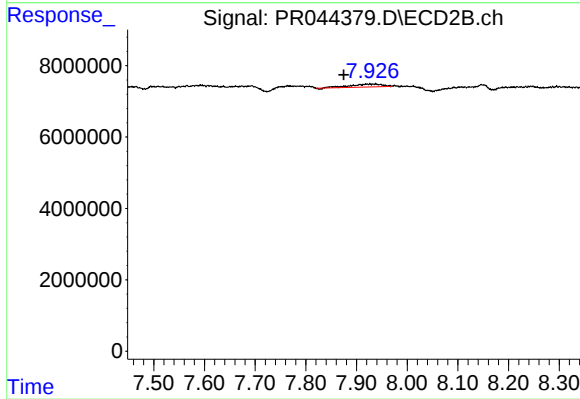
#37 AR-1262-2

R.T.: 7.594 min
Delta R.T.: 0.002 min
Response: 12947473
Conc: 5.81 ng/ml



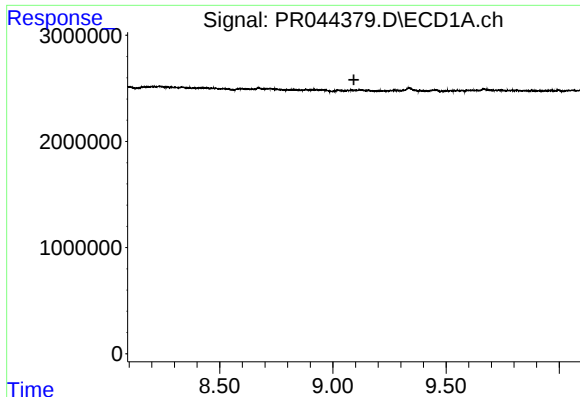
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.996 min
Response: 0
Conc: N.D.



#38 AR-1262-3

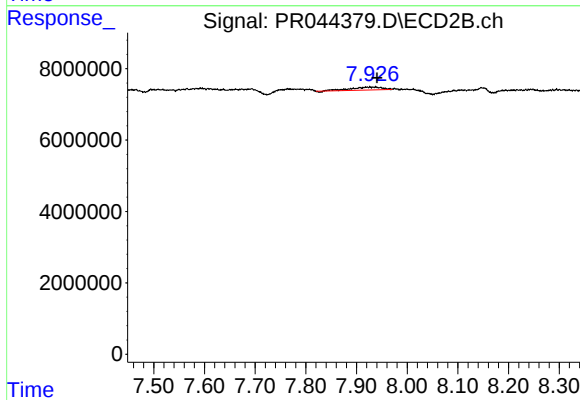
R.T.: 7.937 min
Delta R.T.: 0.063 min
Response: 3502827
Conc: 3.96 ng/ml



#39 AR-1262-4

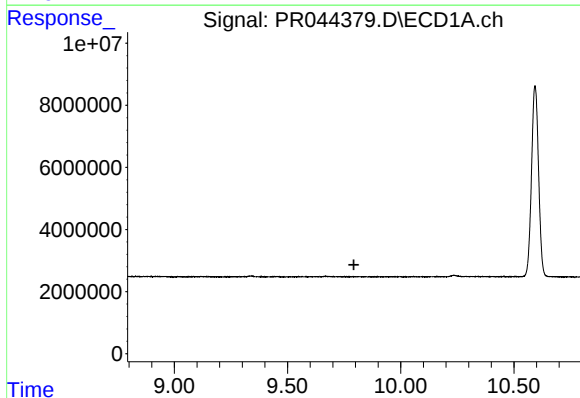
R.T.: 0.000 min
Exp R.T.: 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



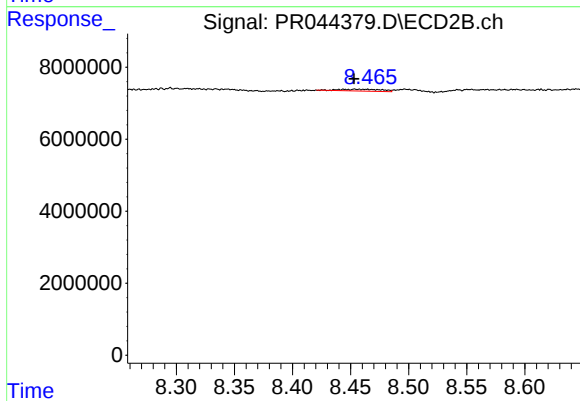
#39 AR-1262-4

R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 3502827
Conc: 2.38 ng/ml



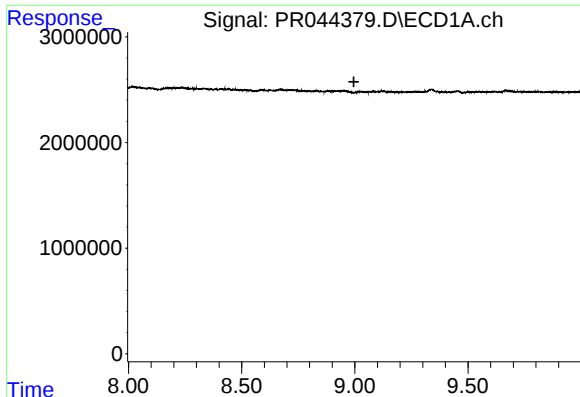
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.793 min
Response: 0
Conc: N.D.



#40 AR-1262-5

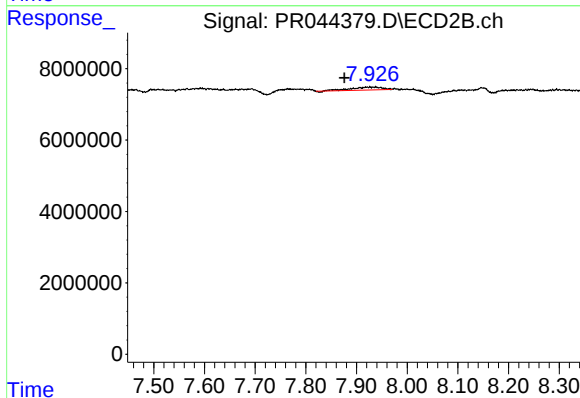
R.T.: 8.444 min
Delta R.T.: -0.009 min
Response: 1220949
Conc: 1.79 ng/ml



#41 AR-1268-1

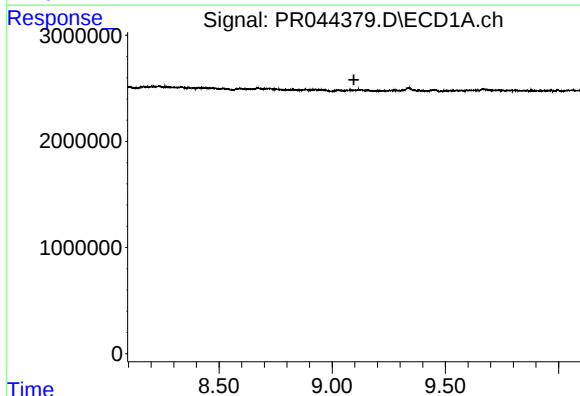
R.T.: 0.000 min
Exp R.T.: 8.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



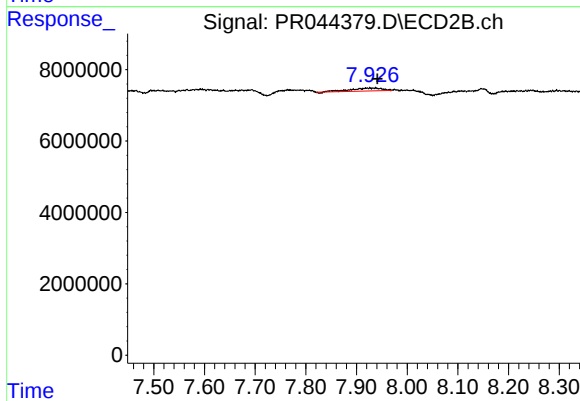
#41 AR-1268-1

R.T.: 7.937 min
Delta R.T.: 0.061 min
Response: 3502827
Conc: 1.31 ng/ml



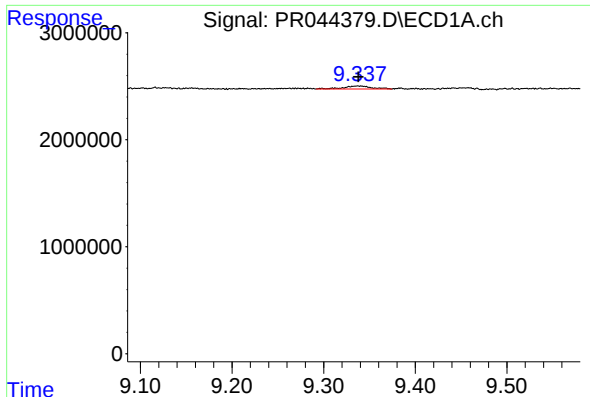
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.096 min
Response: 0
Conc: N.D.



#42 AR-1268-2

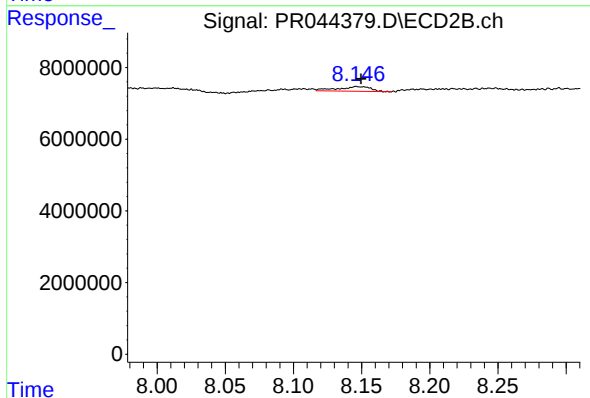
R.T.: 7.937 min
Delta R.T.: -0.004 min
Response: 3502827
Conc: 1.53 ng/ml



#43 AR-1268-3

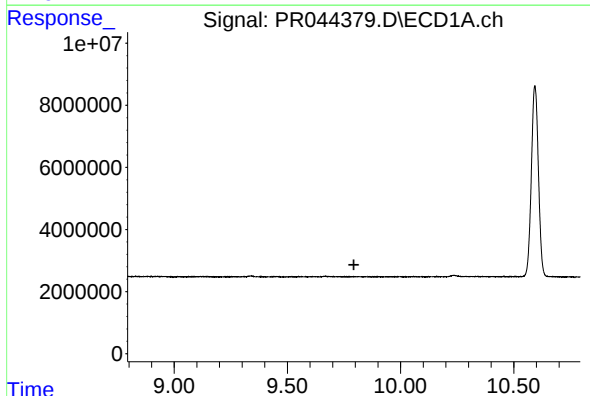
R.T.: 9.337 min
Delta R.T.: 0.000 min
Response: 577601
Conc: 0.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



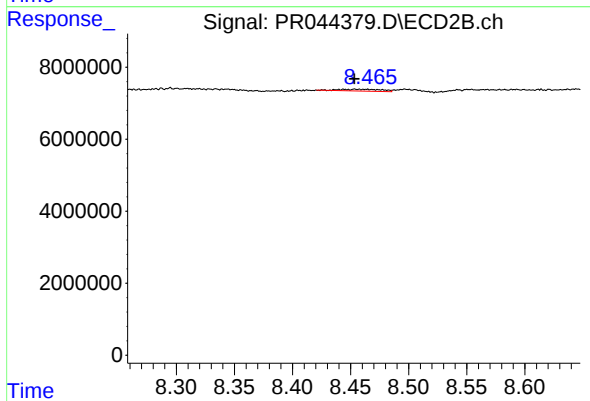
#43 AR-1268-3

R.T.: 8.148 min
Delta R.T.: -0.002 min
Response: 2228004
Conc: 1.14 ng/ml



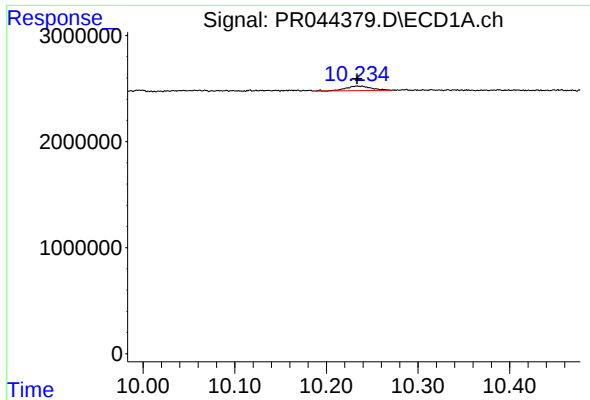
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.794 min
Response: 0
Conc: N.D.



#44 AR-1268-4

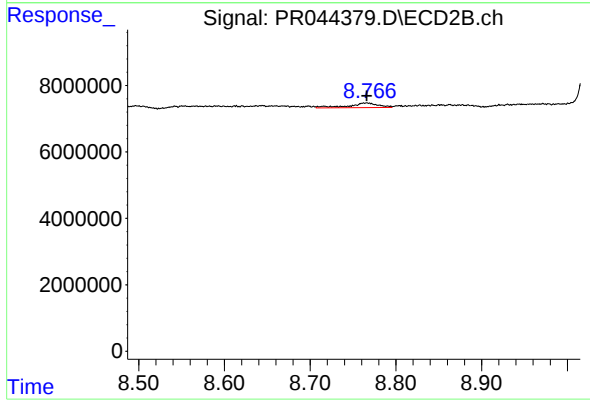
R.T.: 8.444 min
Delta R.T.: -0.009 min
Response: 1220949
Conc: 1.55 ng/ml



#45 AR-1268-5

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 834314
Conc: 0.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.765 min
Delta R.T.: 0.000 min
Response: 3431038
Conc: 0.61 ng/ml