

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 13:04
 Operator : AJ\MA
 Sample : 02213-09
 Misc : AR1254 MDL 25 PPB
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:22:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 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...	3.687	2.900	61939282	79943670	20.289	18.785
2)	SA Decachlor...	9.655	8.124	64022654	87302431	22.569	20.082
Target Compounds							
3)	L1 AR-1016-1	4.951f	4.039f	1750044	587924	15.808	3.976 #
4)	L1 AR-1016-2	4.951	4.039	1750044	587924	11.245	2.772 #
5)	L1 AR-1016-3	5.032f	0.000	2292287	0	23.494	N.D. #
6)	L1 AR-1016-4	0.000	4.255	0	2043224	N.D.	23.902 #
7)	L1 AR-1016-5	5.431	4.469	1180728	1332397	14.846	11.667
8)	L2 AR-1221-1	3.901	3.106f	791409	484053	19.976	10.192 #
9)	L2 AR-1221-2	4.003	3.199	796560	1190016	27.434	33.546
12)	L3 AR-1232-2	0.000	4.039	0	587924	N.D.	6.429 #
13)	L3 AR-1232-3	4.951	0.000	1750044	0	24.837	N.D. #
14)	L3 AR-1232-4	0.000	4.294	0	683386	N.D.	16.739 #
15)	L3 AR-1232-5	5.215	4.469	2599058	1332397	99.174	28.356 #
16)	L4 AR-1242-1	4.951f	4.039f	1750044	587924	19.832	5.062 #
17)	L4 AR-1242-2	4.951	4.039	1750044	587924	14.107	3.526 #
18)	L4 AR-1242-3	5.032f	0.000	2292287	0	29.339	N.D. #
19)	L4 AR-1242-4	0.000	4.294	0	683386	N.D.	8.449 #
20)	L4 AR-1242-5	5.910	4.838	1190128	5825942	17.189	54.081 #
21)	L5 AR-1248-1	4.951f	4.039f	1750044	587924	26.335	6.837 #
22)	L5 AR-1248-2	5.215	4.255	2599058	2043224	29.271	16.993 #
23)	L5 AR-1248-3	5.431	4.294	1180728	683386	11.215	5.606 #
24)	L5 AR-1248-4	5.867	4.469	1912287	1332397	15.905	8.827 #
25)	L5 AR-1248-5	5.910	4.880	1190128	916417	10.053	5.962 #
26)	L6 AR-1254-1	5.838	4.838	3678725	5825942	30.544	24.096
27)	L6 AR-1254-2	6.076	4.996	6299703	4776118	33.042	22.859 #
28)	L6 AR-1254-3	6.471	5.414	6425177	8468390	31.313	24.334
29)	L6 AR-1254-4	6.784	5.660	5005039	5318666	32.150	24.122
30)	L6 AR-1254-5	7.242	6.103	5305059	7515637	31.531	23.450 #
31)	L7 AR-1260-1	6.652	5.556	3007364	4825877	18.877	19.690
32)	L7 AR-1260-2	6.935	5.760	3864266	5797212	20.025	18.653
33)	L7 AR-1260-3	7.307f	5.913	658999	3423411	4.630	12.194 #
34)	L7 AR-1260-4	7.553f	6.421	2302806	655738	14.086	2.724 #
35)	L7 AR-1260-5	7.910	6.685	936066	950513	2.960	1.633 #
36)	L8 AR-1262-1	7.307f	6.174f	658999	684763	3.487	2.171 #
37)	L8 AR-1262-2	7.910	6.421	936066	655738	2.778	2.276
38)	L8 AR-1262-3	8.235	6.993	1094004	683676	4.751	3.019 #
39)	L8 AR-1262-4	0.000	7.053	0	1887939	N.D.	4.390 #
40)	L8 AR-1262-5	8.964	0.000	49810	0	0.398	N.D. #
41)	L9 AR-1268-1	8.235	6.993	1094004	683676	2.647	0.928 #
42)	L9 AR-1268-2	0.000	7.053	0	1887939	N.D.	2.824 #
43)	L9 AR-1268-3	8.533	7.280	179496	2197572	0.560	3.866 #

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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	8.936	0.000	149581	0	1.041	N.D. #
45) L9	AR-1268-5	9.336	7.887	291483	675408	0.276	0.359 #

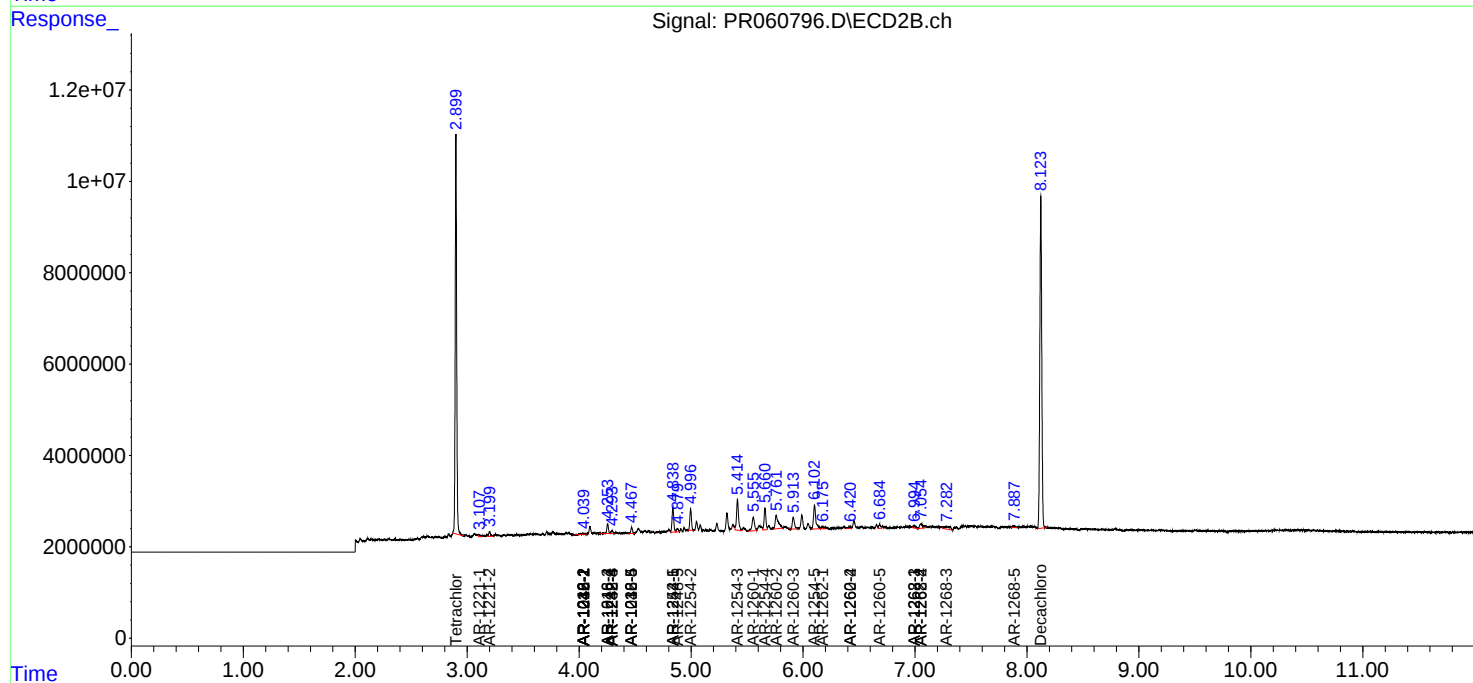
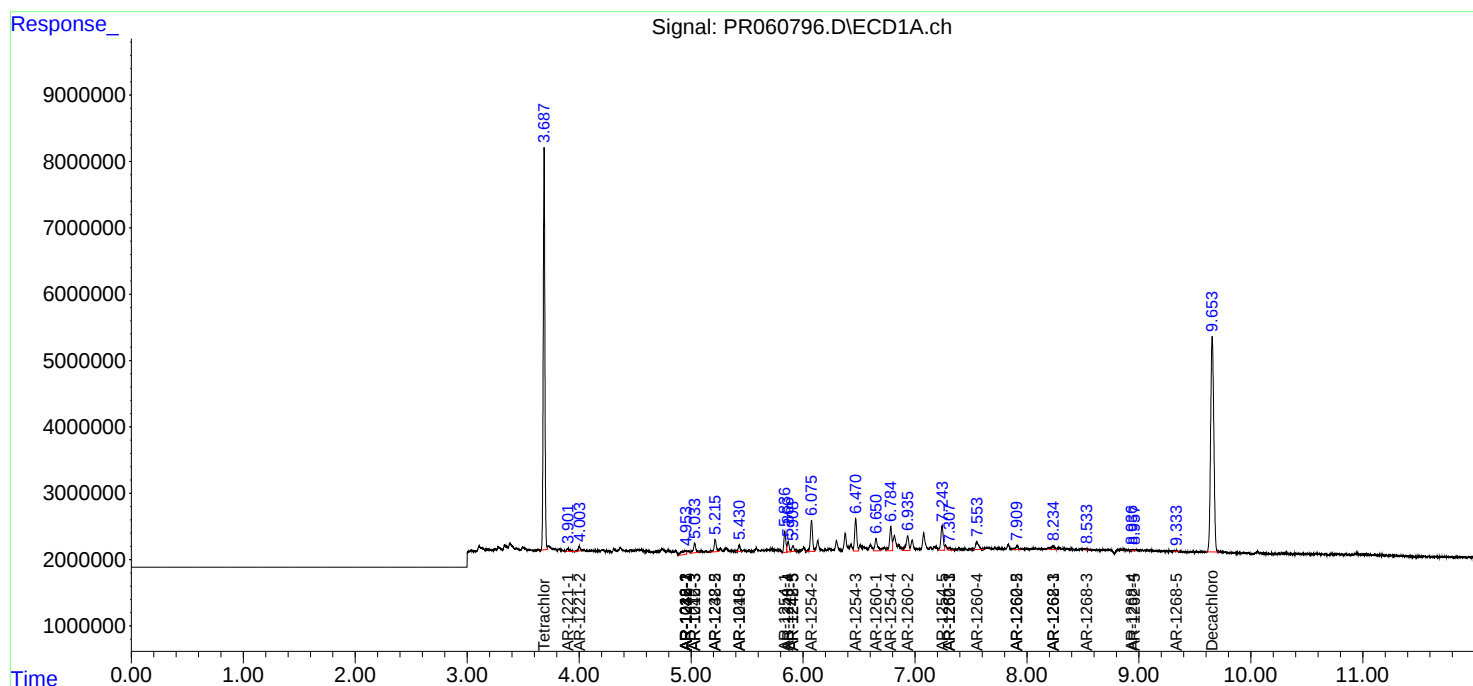
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

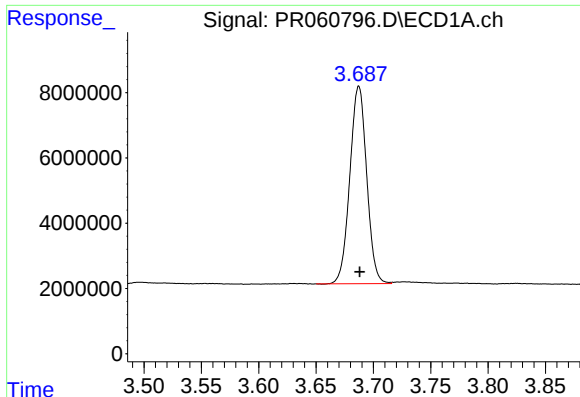
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
Data File : PR060796.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

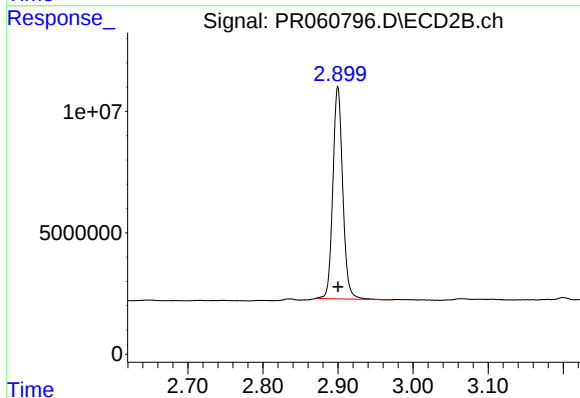




#1 Tetrachloro-m-xylene

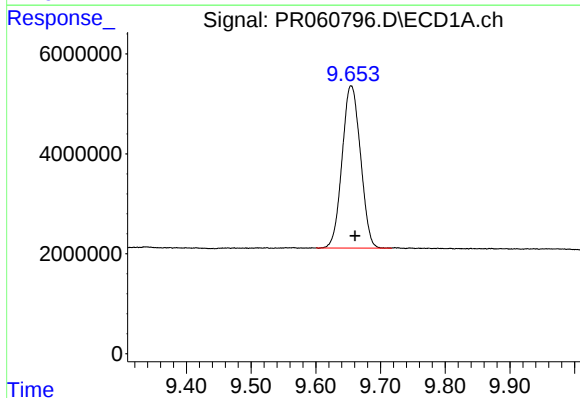
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 61939282
Conc: 20.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



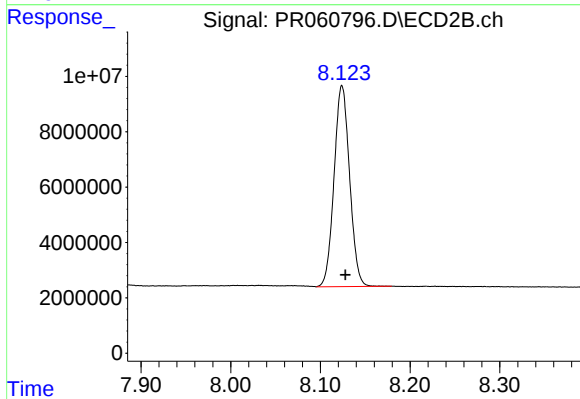
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 79943670
Conc: 18.78 ng/ml



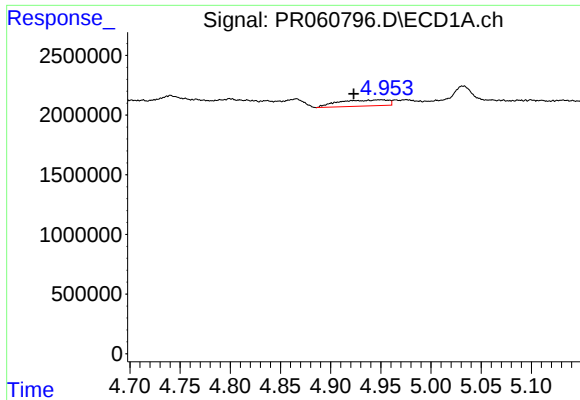
#2 Decachlorobiphenyl

R.T.: 9.655 min
Delta R.T.: -0.006 min
Response: 64022654
Conc: 22.57 ng/ml



#2 Decachlorobiphenyl

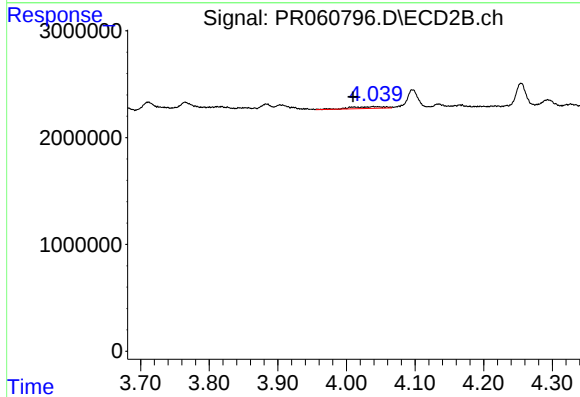
R.T.: 8.124 min
Delta R.T.: -0.004 min
Response: 87302431
Conc: 20.08 ng/ml



#3 AR-1016-1

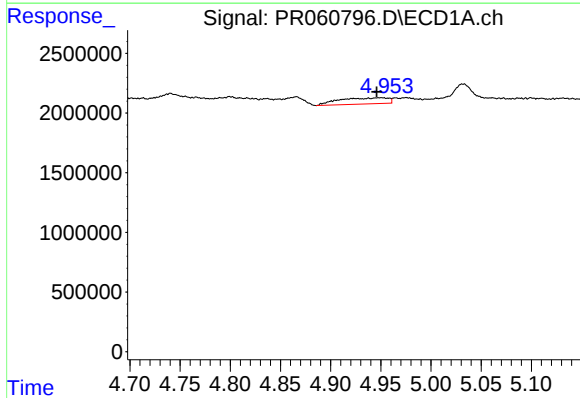
R.T.: 4.951 min
Delta R.T.: 0.027 min
Response: 1750044
Conc: 15.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



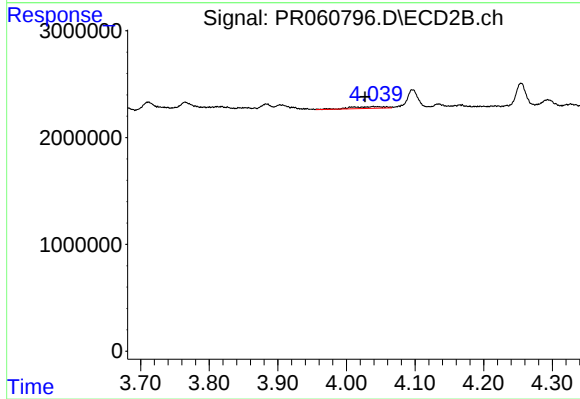
#3 AR-1016-1

R.T.: 4.039 min
Delta R.T.: 0.029 min
Response: 587924
Conc: 3.98 ng/ml



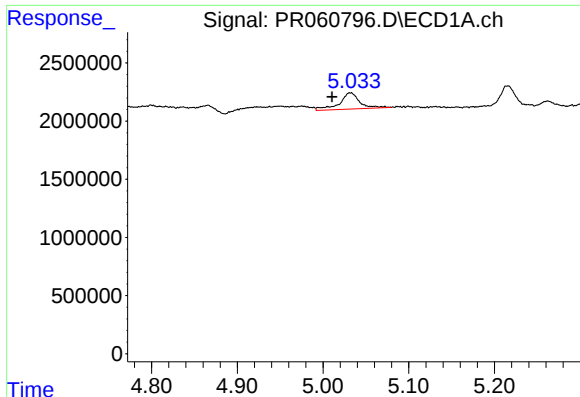
#4 AR-1016-2

R.T.: 4.951 min
Delta R.T.: 0.005 min
Response: 1750044
Conc: 11.24 ng/ml



#4 AR-1016-2

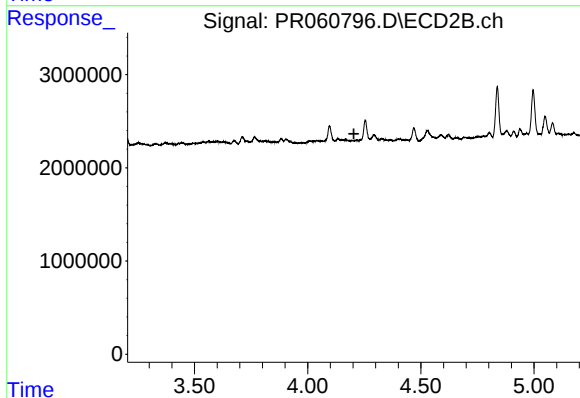
R.T.: 4.039 min
Delta R.T.: 0.011 min
Response: 587924
Conc: 2.77 ng/ml



#5 AR-1016-3

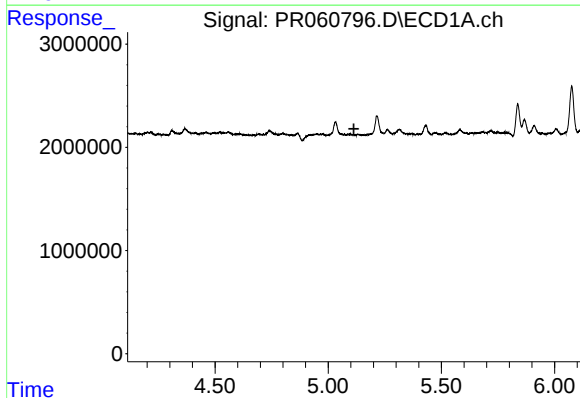
R.T.: 5.032 min
Delta R.T.: 0.021 min
Response: 2292287
Conc: 23.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



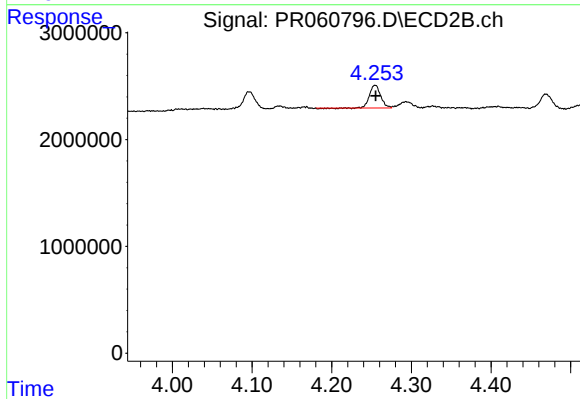
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



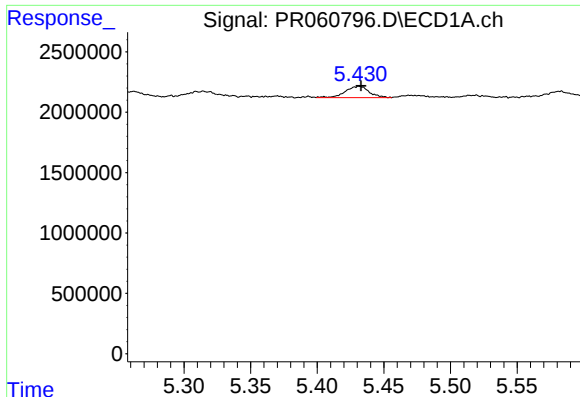
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#6 AR-1016-4

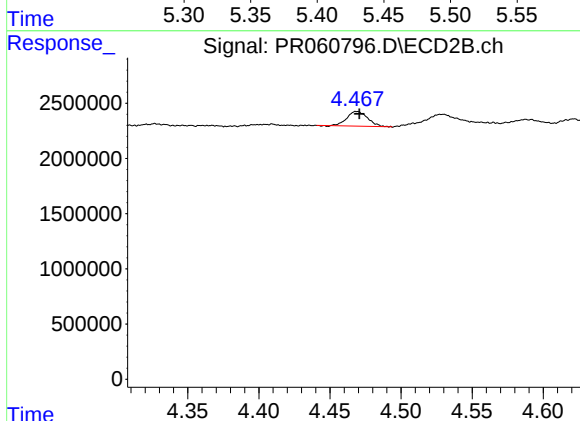
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2043224
Conc: 23.90 ng/ml



#7 AR-1016-5

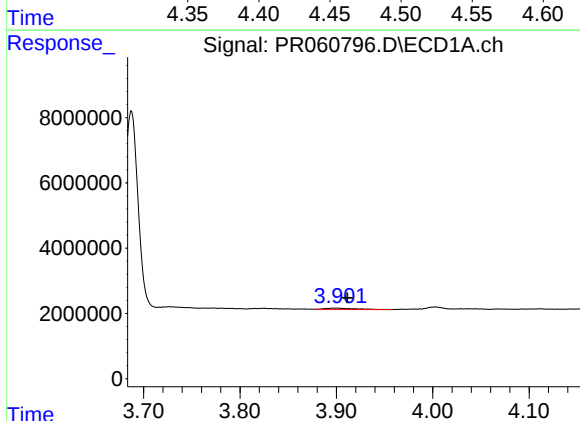
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 1180728
Conc: 14.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



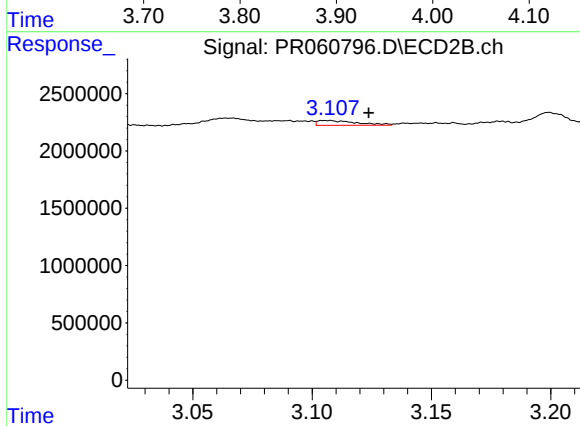
#7 AR-1016-5

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 1332397
Conc: 11.67 ng/ml



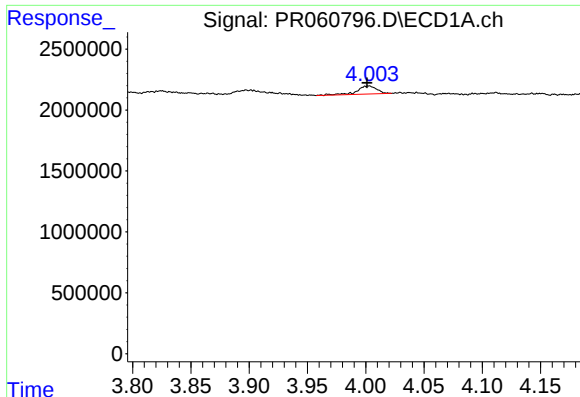
#8 AR-1221-1

R.T.: 3.901 min
Delta R.T.: -0.010 min
Response: 791409
Conc: 19.98 ng/ml



#8 AR-1221-1

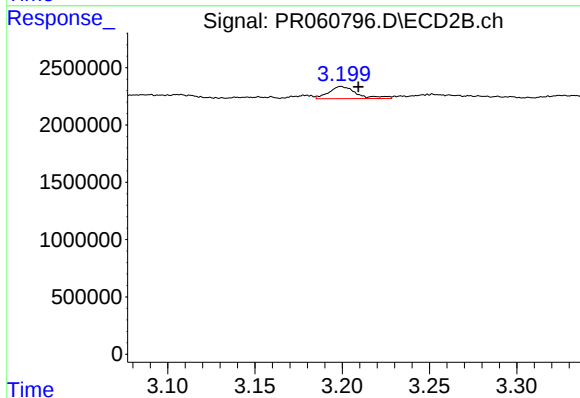
R.T.: 3.106 min
Delta R.T.: -0.018 min
Response: 484053
Conc: 10.19 ng/ml



#9 AR-1221-2

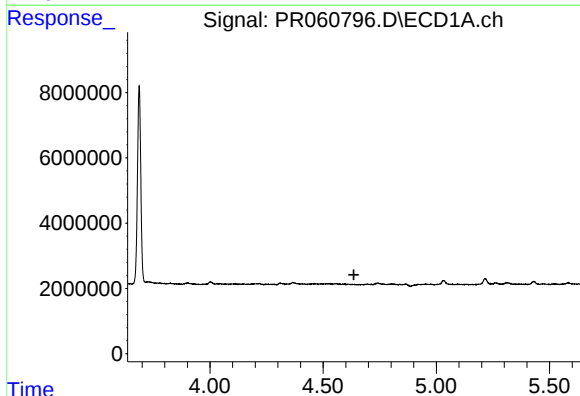
R.T.: 4.003 min
Delta R.T.: 0.001 min
Response: 796560
Conc: 27.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



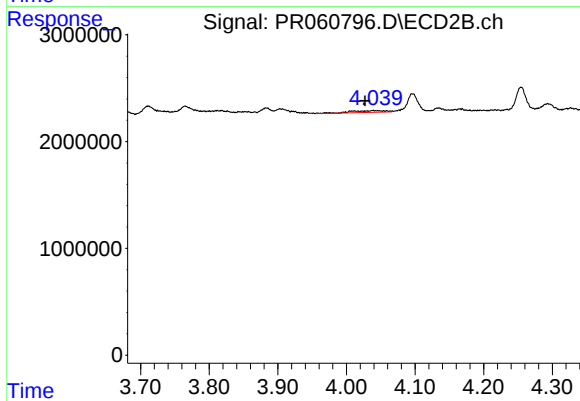
#9 AR-1221-2

R.T.: 3.199 min
Delta R.T.: -0.010 min
Response: 1190016
Conc: 33.55 ng/ml



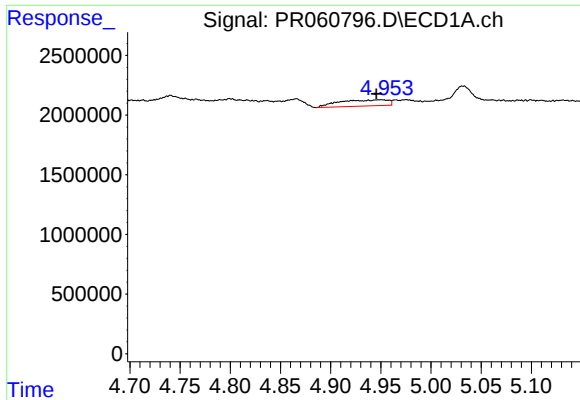
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.636 min
Response: 0
Conc: N.D.



#12 AR-1232-2

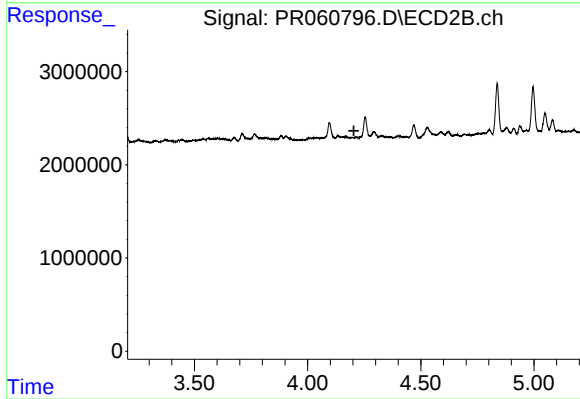
R.T.: 4.039 min
Delta R.T.: 0.012 min
Response: 587924
Conc: 6.43 ng/ml



#13 AR-1232-3

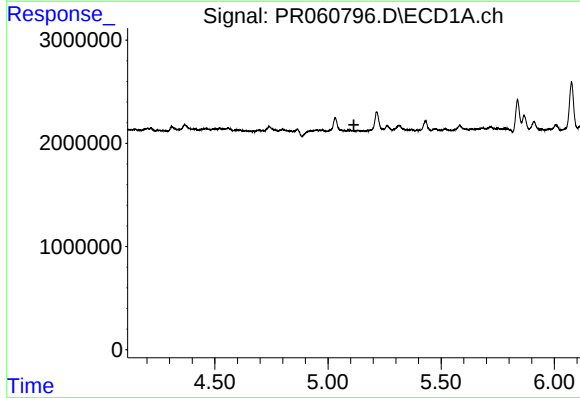
R.T.: 4.951 min
Delta R.T.: 0.005 min
Response: 1750044
Conc: 24.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



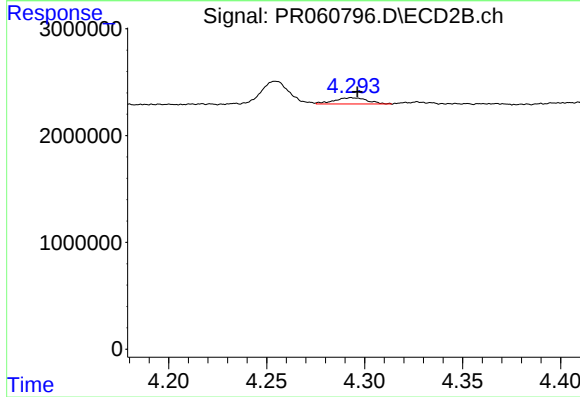
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.205 min
Response: 0
Conc: N.D.



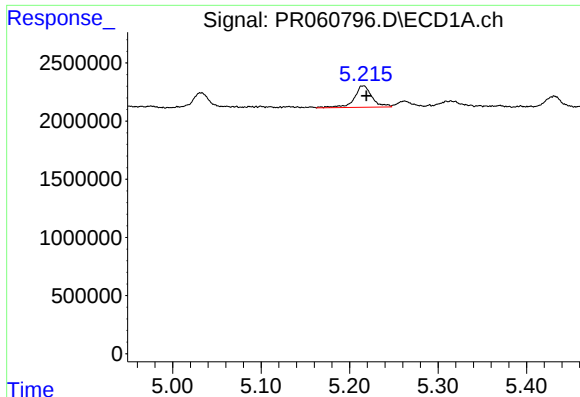
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#14 AR-1232-4

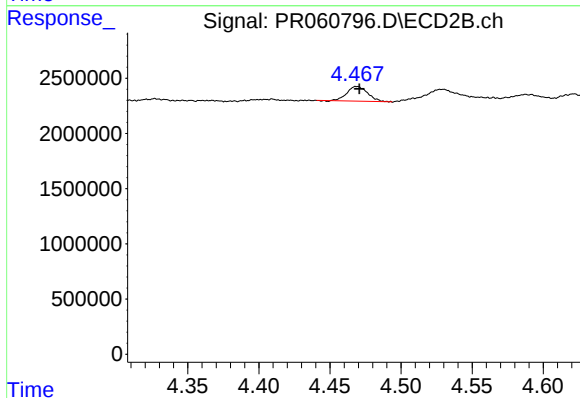
R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 683386
Conc: 16.74 ng/ml



#15 AR-1232-5

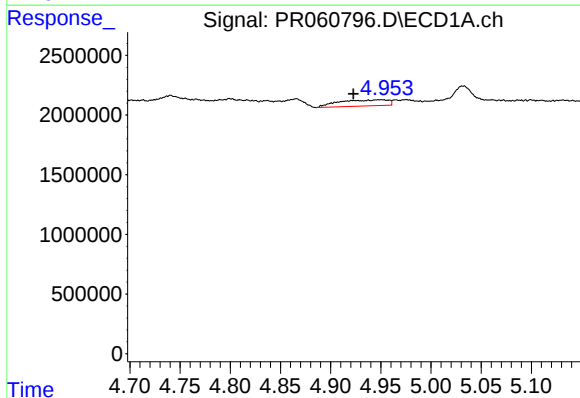
R.T.: 5.215 min
Delta R.T.: -0.004 min
Response: 2599058
Conc: 99.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



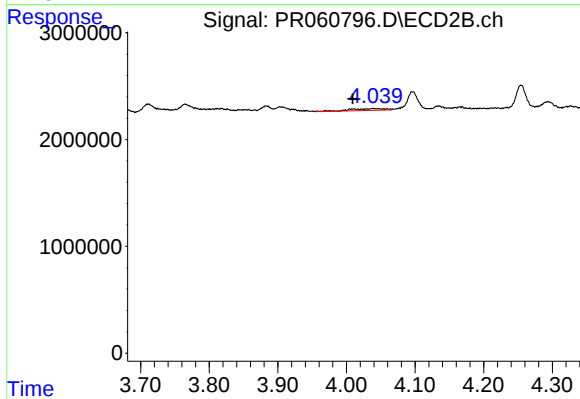
#15 AR-1232-5

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 1332397
Conc: 28.36 ng/ml



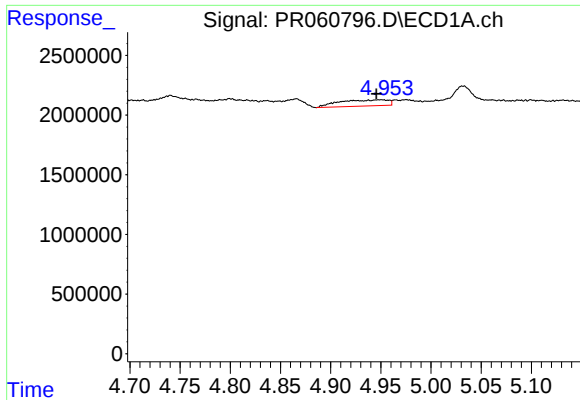
#16 AR-1242-1

R.T.: 4.951 min
Delta R.T.: 0.028 min
Response: 1750044
Conc: 19.83 ng/ml



#16 AR-1242-1

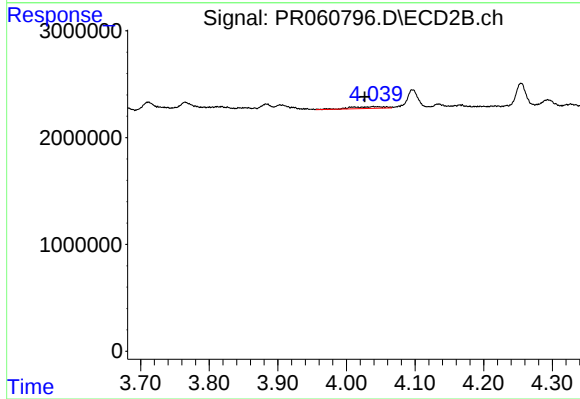
R.T.: 4.039 min
Delta R.T.: 0.029 min
Response: 587924
Conc: 5.06 ng/ml



#17 AR-1242-2

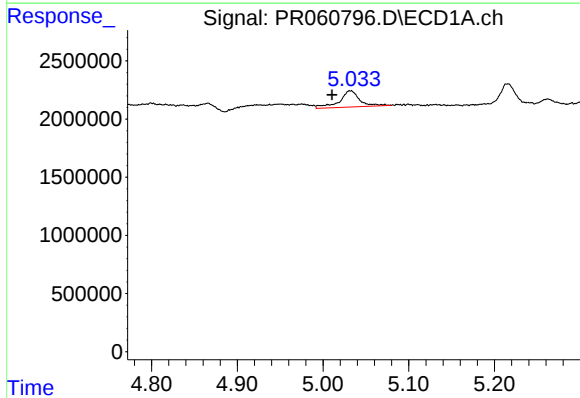
R.T.: 4.951 min
Delta R.T.: 0.005 min
Response: 1750044
Conc: 14.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



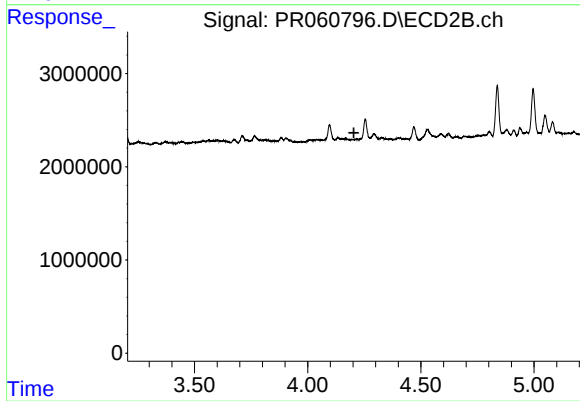
#17 AR-1242-2

R.T.: 4.039 min
Delta R.T.: 0.012 min
Response: 587924
Conc: 3.53 ng/ml



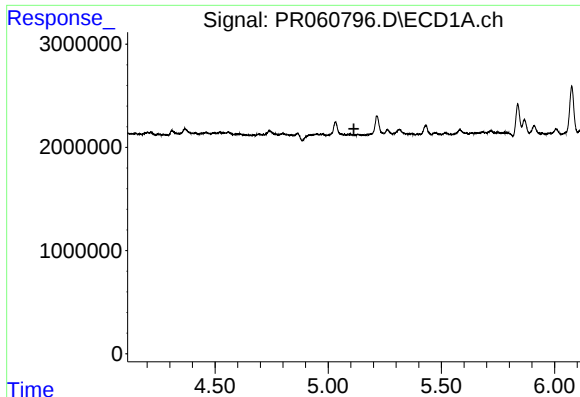
#18 AR-1242-3

R.T.: 5.032 min
Delta R.T.: 0.022 min
Response: 2292287
Conc: 29.34 ng/ml



#18 AR-1242-3

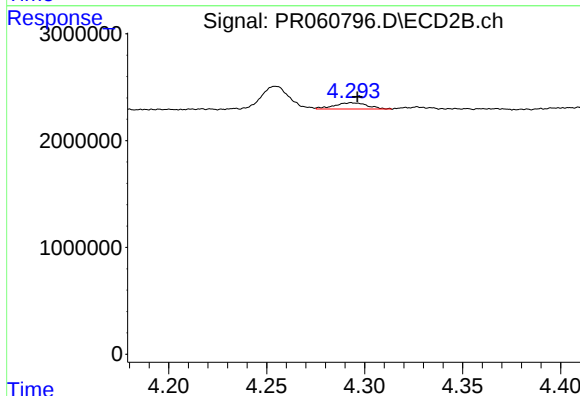
R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



#19 AR-1242-4

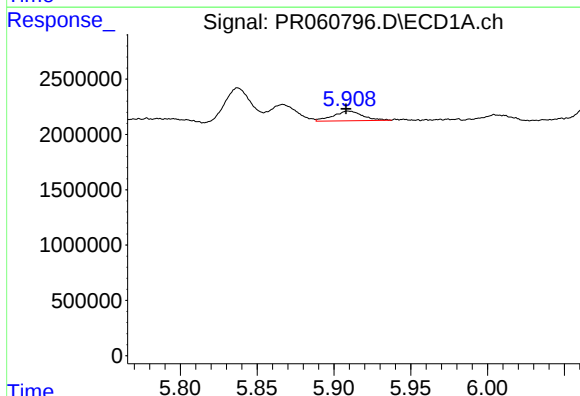
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



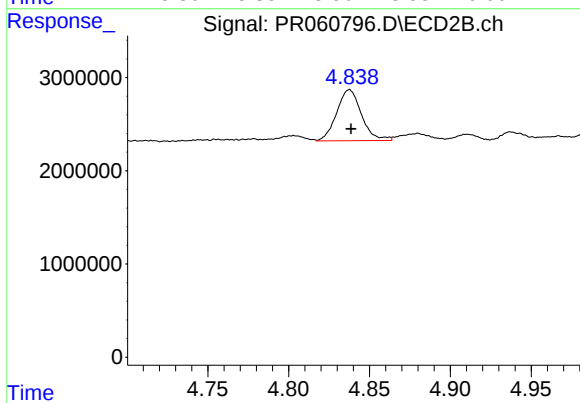
#19 AR-1242-4

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 683386
Conc: 8.45 ng/ml



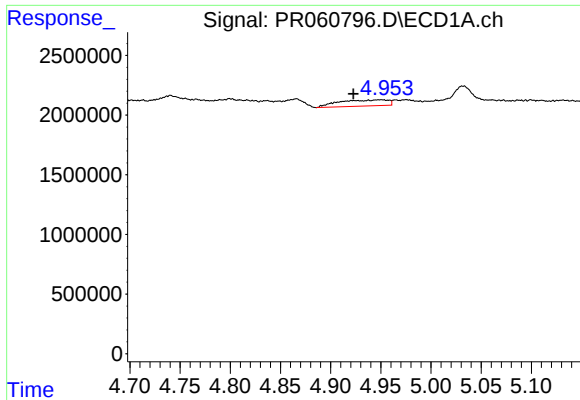
#20 AR-1242-5

R.T.: 5.910 min
Delta R.T.: 0.002 min
Response: 1190128
Conc: 17.19 ng/ml



#20 AR-1242-5

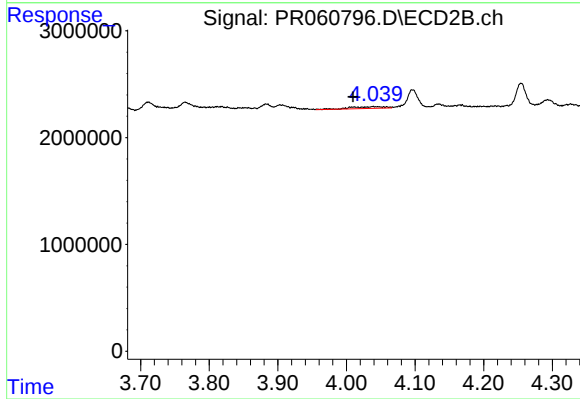
R.T.: 4.838 min
Delta R.T.: -0.001 min
Response: 5825942
Conc: 54.08 ng/ml



#21 AR-1248-1

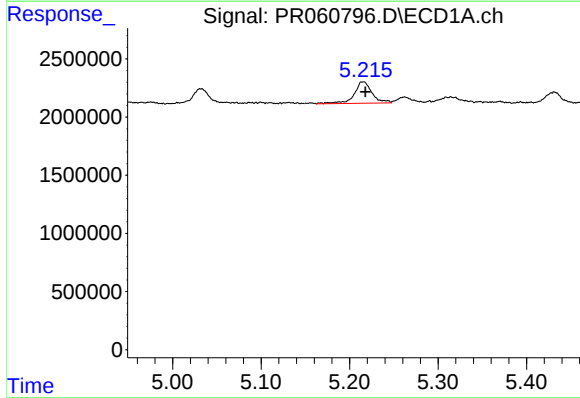
R.T.: 4.951 min
Delta R.T.: 0.028 min
Response: 1750044
Conc: 26.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



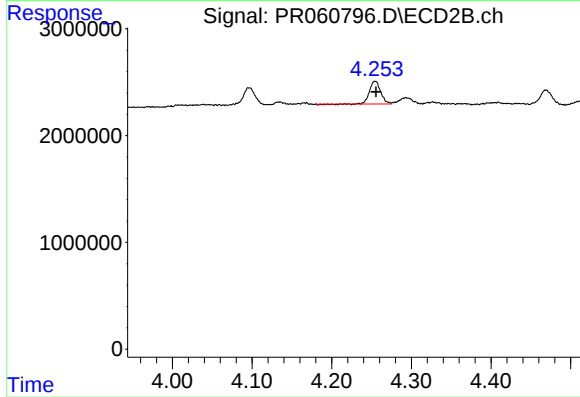
#21 AR-1248-1

R.T.: 4.039 min
Delta R.T.: 0.029 min
Response: 587924
Conc: 6.84 ng/ml



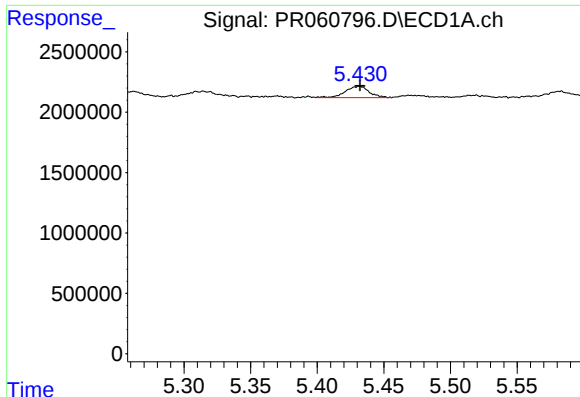
#22 AR-1248-2

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 2599058
Conc: 29.27 ng/ml



#22 AR-1248-2

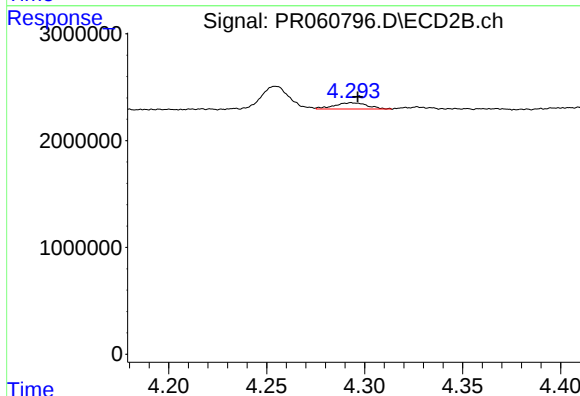
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2043224
Conc: 16.99 ng/ml



#23 AR-1248-3

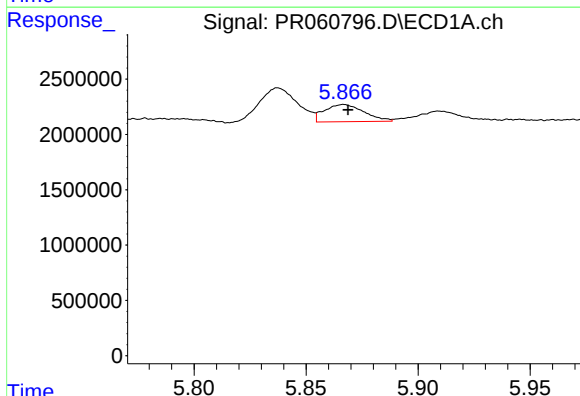
R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 1180728
Conc: 11.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



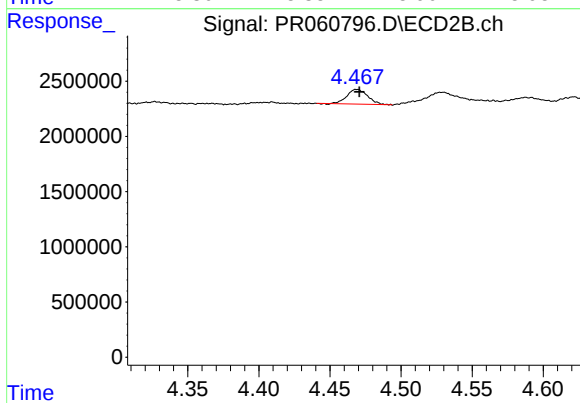
#23 AR-1248-3

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 683386
Conc: 5.61 ng/ml



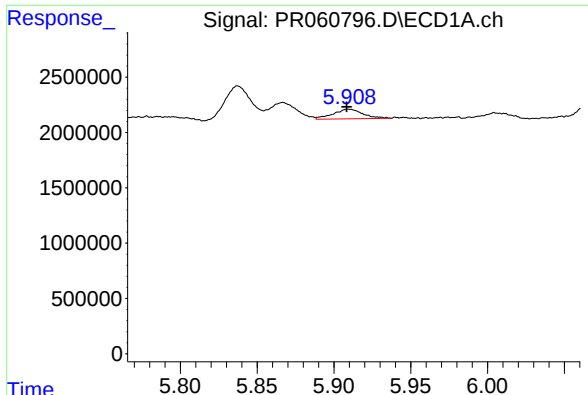
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 1912287
Conc: 15.91 ng/ml



#24 AR-1248-4

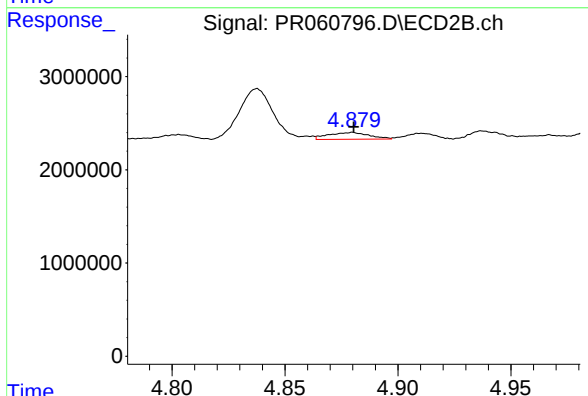
R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 1332397
Conc: 8.83 ng/ml



#25 AR-1248-5

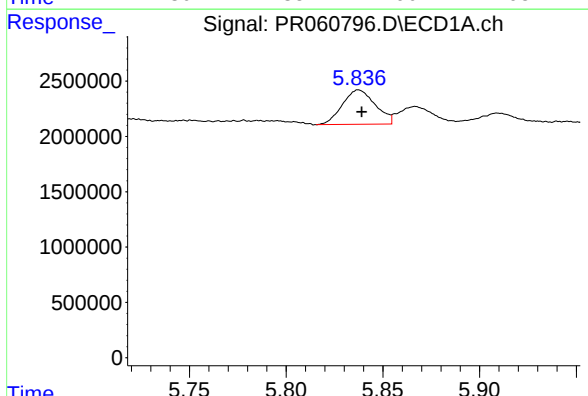
R.T.: 5.910 min
Delta R.T.: 0.001 min
Response: 1190128
Conc: 10.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



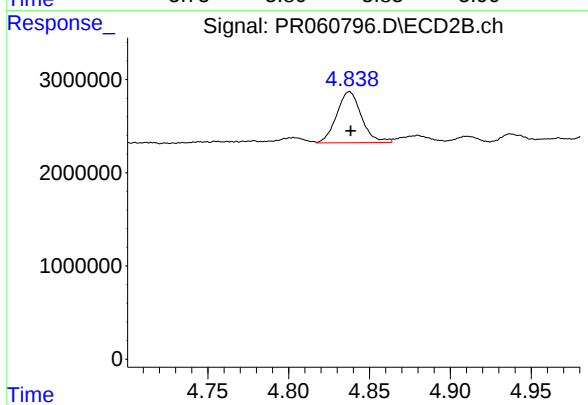
#25 AR-1248-5

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 916417
Conc: 5.96 ng/ml



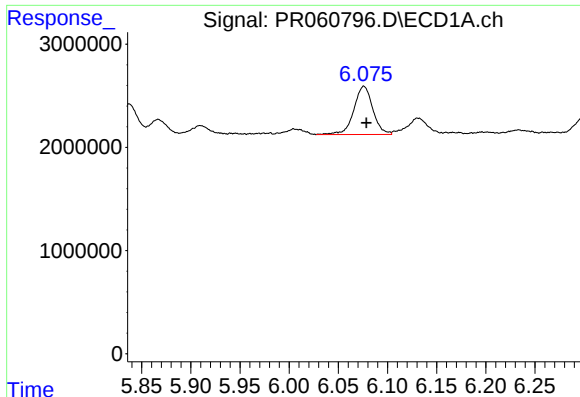
#26 AR-1254-1

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 3678725
Conc: 30.54 ng/ml



#26 AR-1254-1

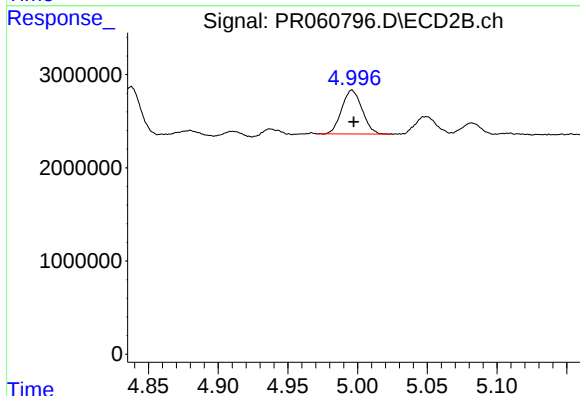
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 5825942
Conc: 24.10 ng/ml



#27 AR-1254-2

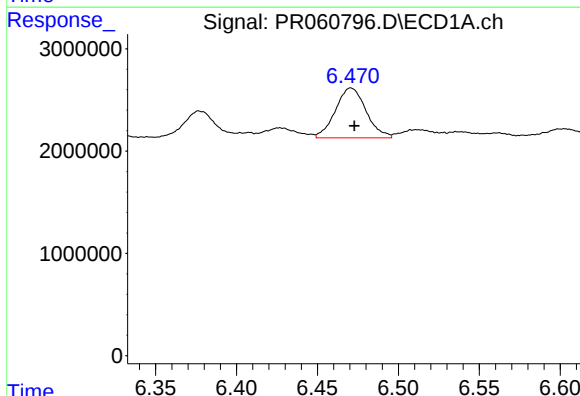
R.T.: 6.076 min
Delta R.T.: -0.002 min
Response: 6299703
Conc: 33.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



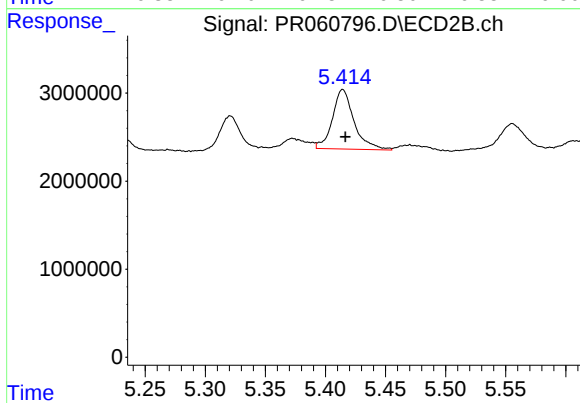
#27 AR-1254-2

R.T.: 4.996 min
Delta R.T.: -0.001 min
Response: 4776118
Conc: 22.86 ng/ml



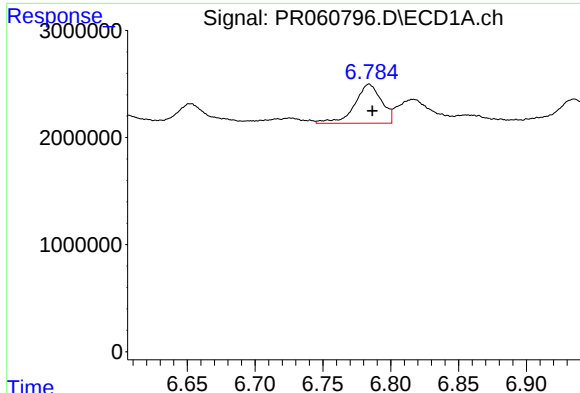
#28 AR-1254-3

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 6425177
Conc: 31.31 ng/ml



#28 AR-1254-3

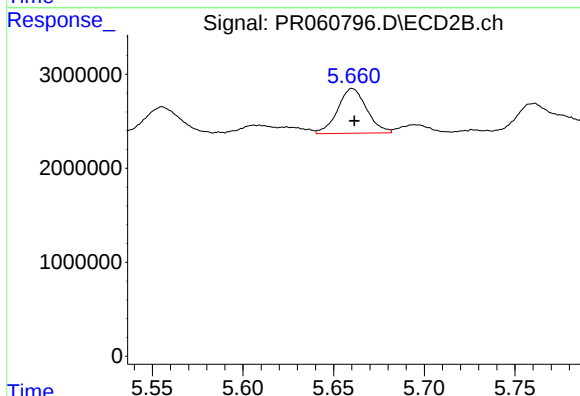
R.T.: 5.414 min
Delta R.T.: -0.002 min
Response: 8468390
Conc: 24.33 ng/ml



#29 AR-1254-4

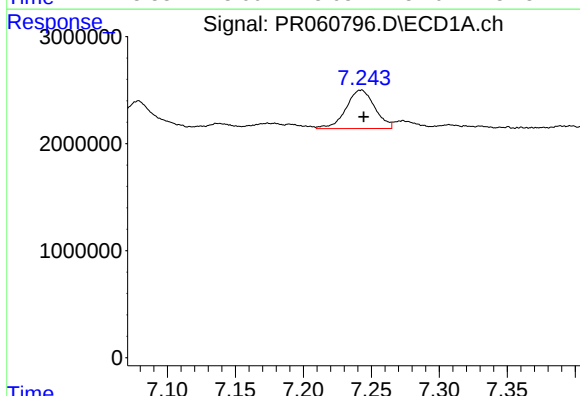
R.T.: 6.784 min
Delta R.T.: -0.002 min
Response: 5005039
Conc: 32.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



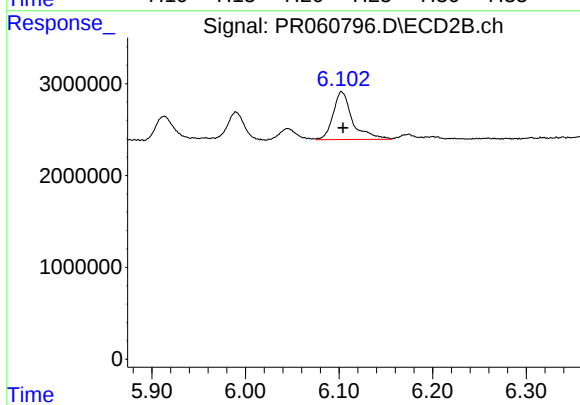
#29 AR-1254-4

R.T.: 5.660 min
Delta R.T.: -0.001 min
Response: 5318666
Conc: 24.12 ng/ml



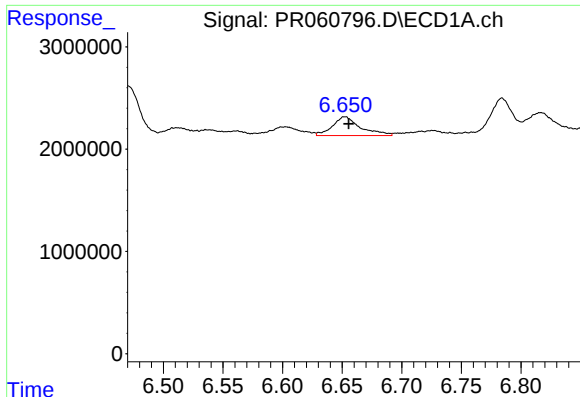
#30 AR-1254-5

R.T.: 7.242 min
Delta R.T.: -0.002 min
Response: 5305059
Conc: 31.53 ng/ml



#30 AR-1254-5

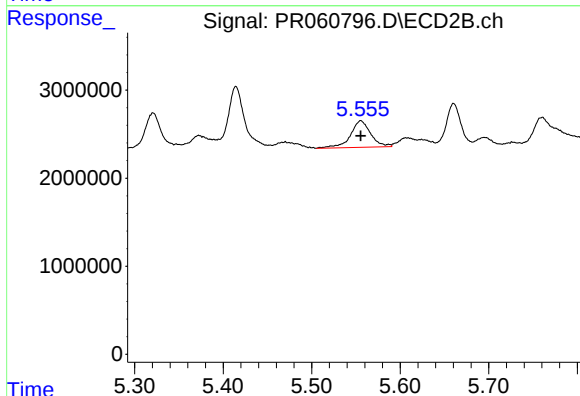
R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 7515637
Conc: 23.45 ng/ml



#31 AR-1260-1

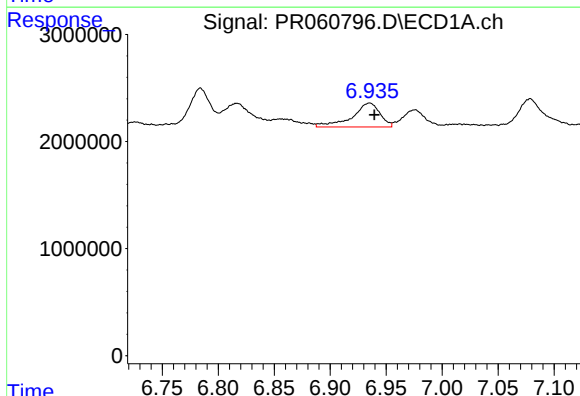
R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 3007364
Conc: 18.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



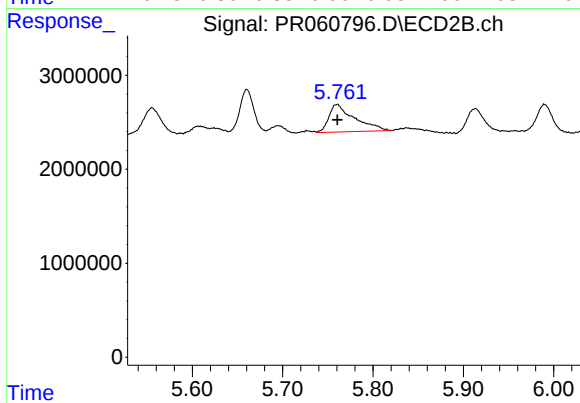
#31 AR-1260-1

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 4825877
Conc: 19.69 ng/ml



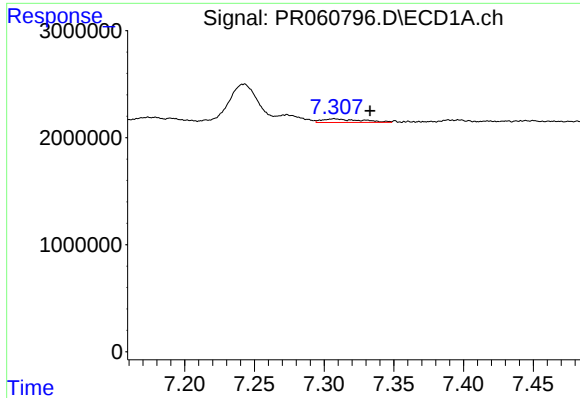
#32 AR-1260-2

R.T.: 6.935 min
Delta R.T.: -0.004 min
Response: 3864266
Conc: 20.03 ng/ml



#32 AR-1260-2

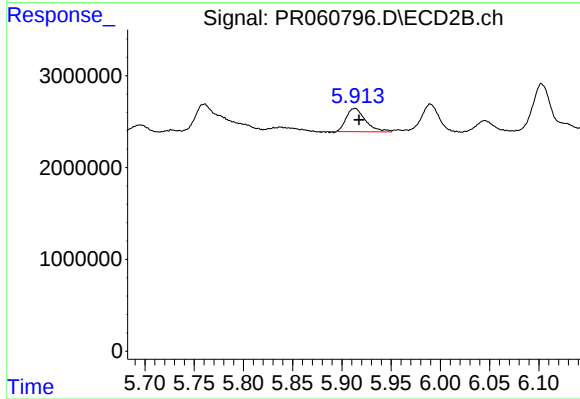
R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 5797212
Conc: 18.65 ng/ml



#33 AR-1260-3

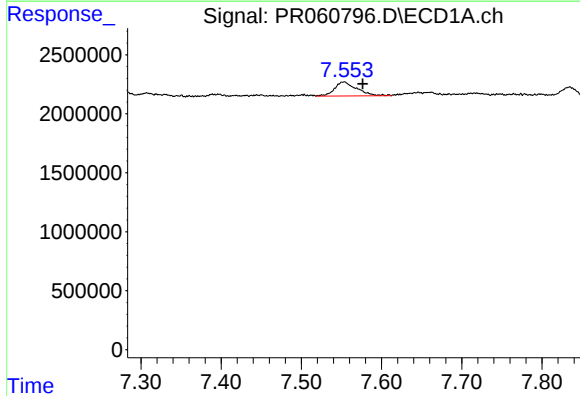
R.T.: 7.307 min
Delta R.T.: -0.026 min
Response: 658999
Conc: 4.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



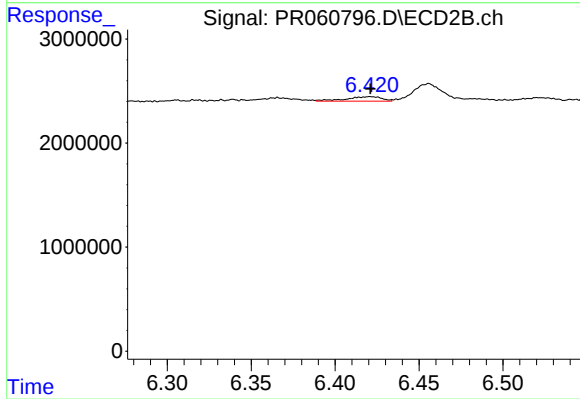
#33 AR-1260-3

R.T.: 5.913 min
Delta R.T.: -0.004 min
Response: 3423411
Conc: 12.19 ng/ml



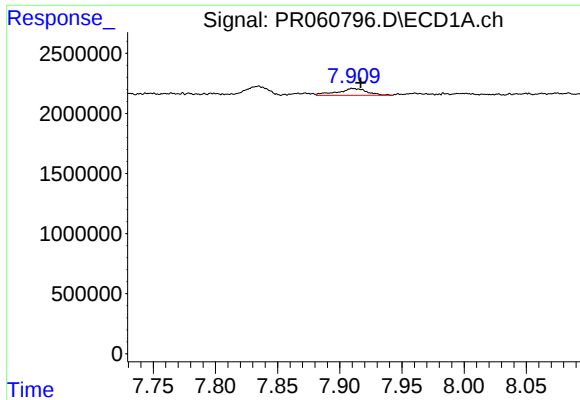
#34 AR-1260-4

R.T.: 7.553 min
Delta R.T.: -0.023 min
Response: 2302806
Conc: 14.09 ng/ml



#34 AR-1260-4

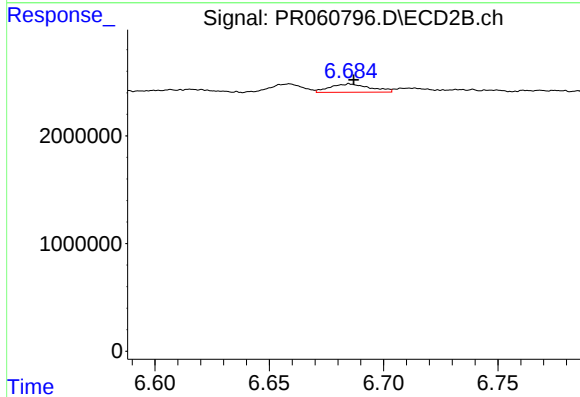
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 655738
Conc: 2.72 ng/ml



#35 AR-1260-5

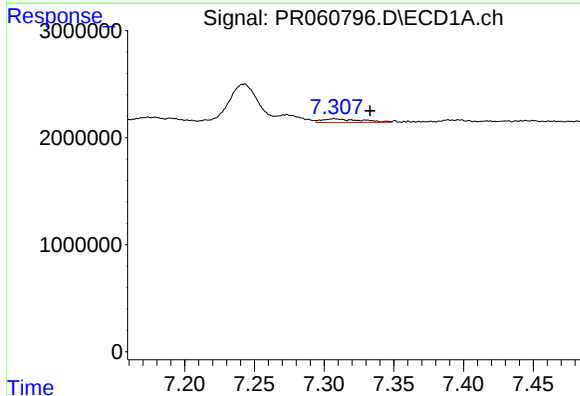
R.T.: 7.910 min
Delta R.T.: -0.006 min
Response: 936066
Conc: 2.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



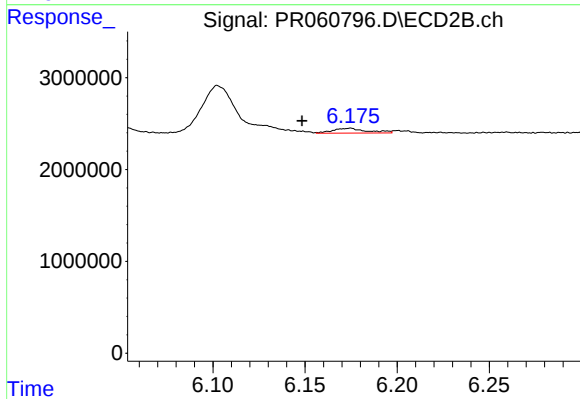
#35 AR-1260-5

R.T.: 6.685 min
Delta R.T.: -0.002 min
Response: 950513
Conc: 1.63 ng/ml



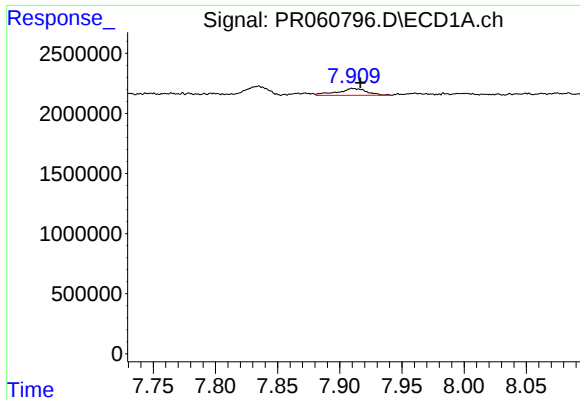
#36 AR-1262-1

R.T.: 7.307 min
Delta R.T.: -0.026 min
Response: 658999
Conc: 3.49 ng/ml



#36 AR-1262-1

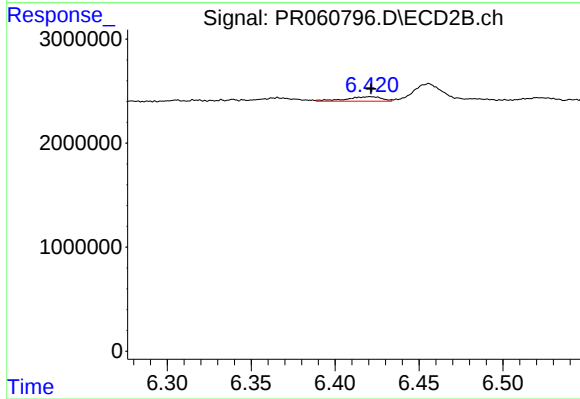
R.T.: 6.174 min
Delta R.T.: 0.026 min
Response: 684763
Conc: 2.17 ng/ml



#37 AR-1262-2

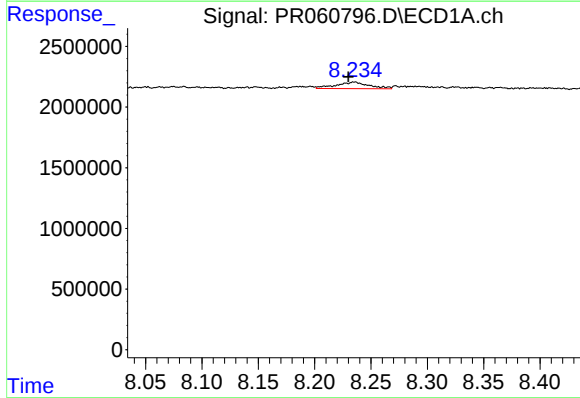
R.T.: 7.910 min
Delta R.T.: -0.006 min
Response: 936066
Conc: 2.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



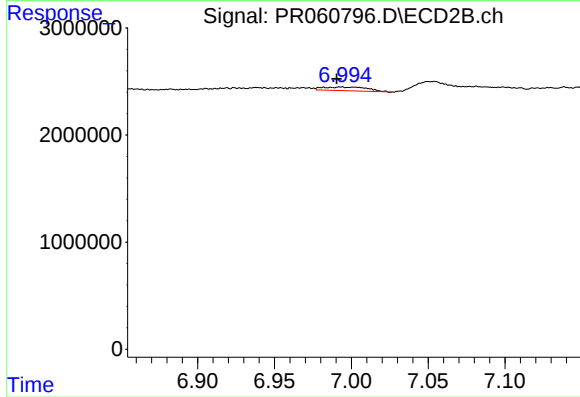
#37 AR-1262-2

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 655738
Conc: 2.28 ng/ml



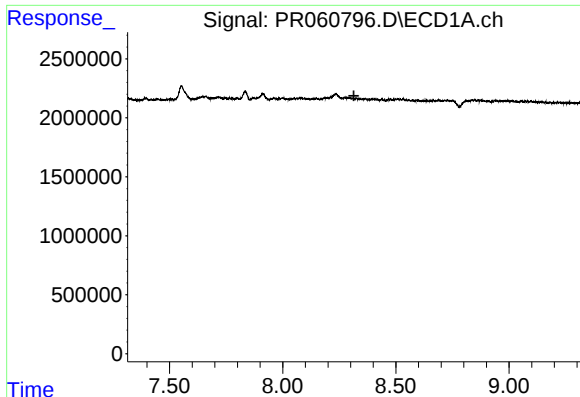
#38 AR-1262-3

R.T.: 8.235 min
Delta R.T.: 0.005 min
Response: 1094004
Conc: 4.75 ng/ml



#38 AR-1262-3

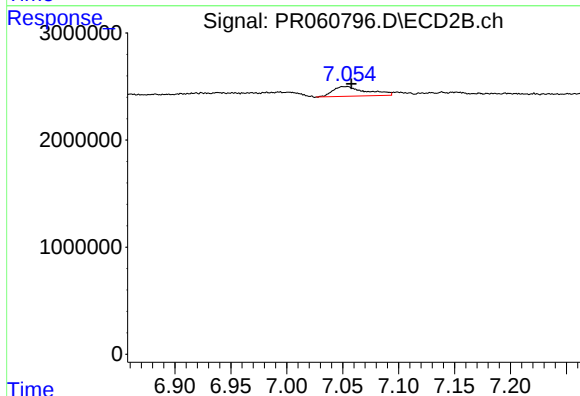
R.T.: 6.993 min
Delta R.T.: 0.003 min
Response: 683676
Conc: 3.02 ng/ml



#39 AR-1262-4

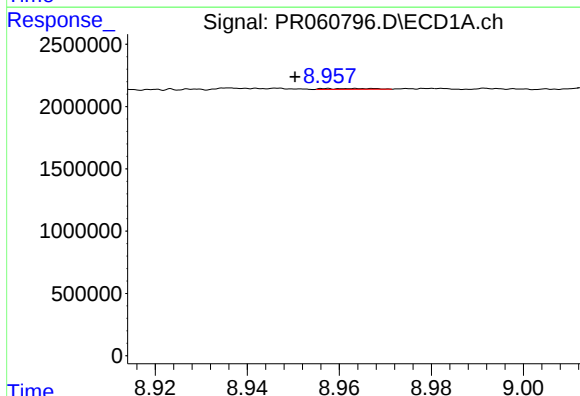
R.T.: 0.000 min
Exp R.T.: 8.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



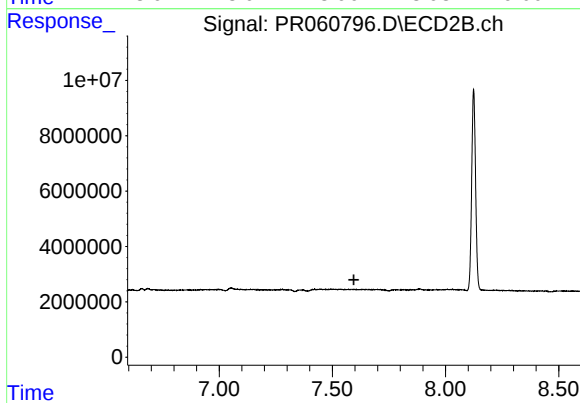
#39 AR-1262-4

R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 1887939
Conc: 4.39 ng/ml



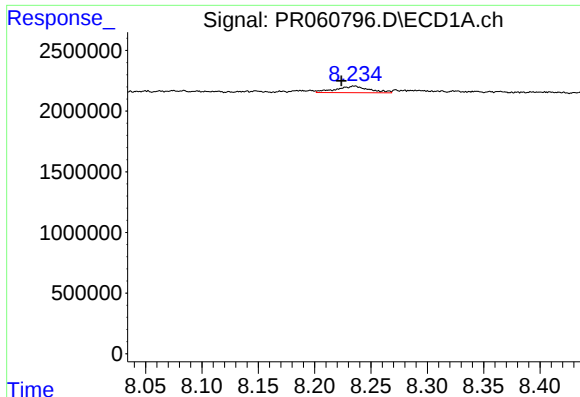
#40 AR-1262-5

R.T.: 8.964 min
Delta R.T.: 0.013 min
Response: 49810
Conc: 0.40 ng/ml



#40 AR-1262-5

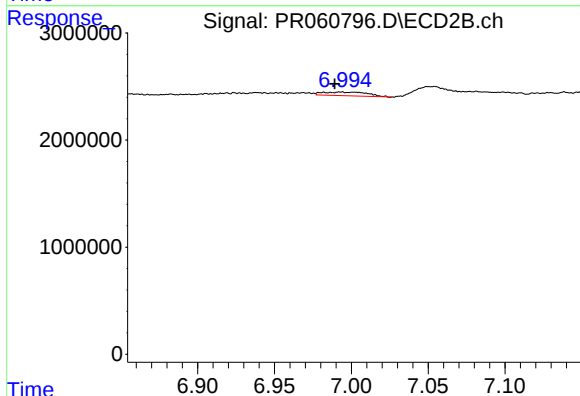
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#41 AR-1268-1

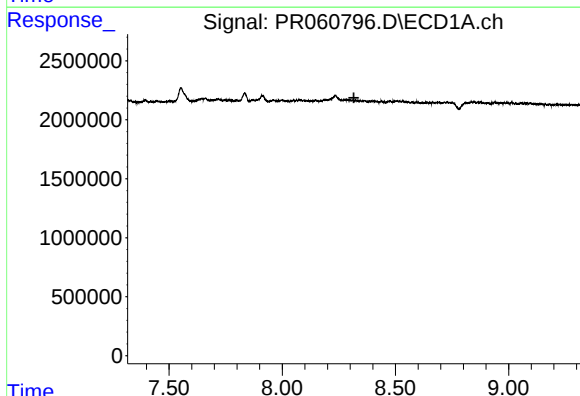
R.T.: 8.235 min
Delta R.T.: 0.011 min
Response: 1094004
Conc: 2.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



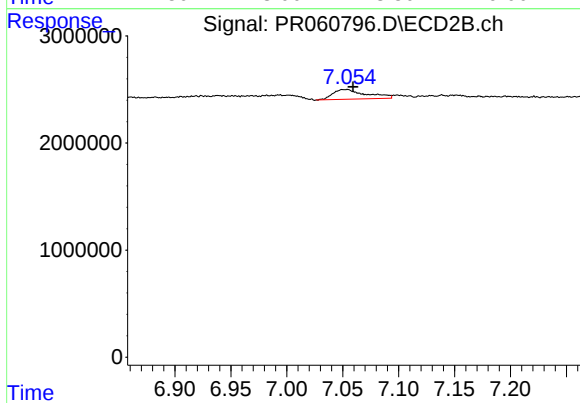
#41 AR-1268-1

R.T.: 6.993 min
Delta R.T.: 0.004 min
Response: 683676
Conc: 0.93 ng/ml



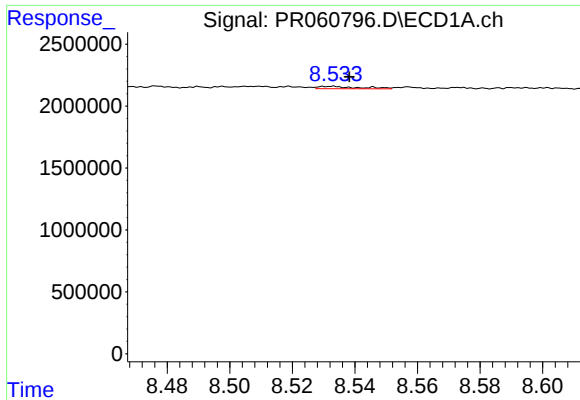
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.317 min
Response: 0
Conc: N.D.



#42 AR-1268-2

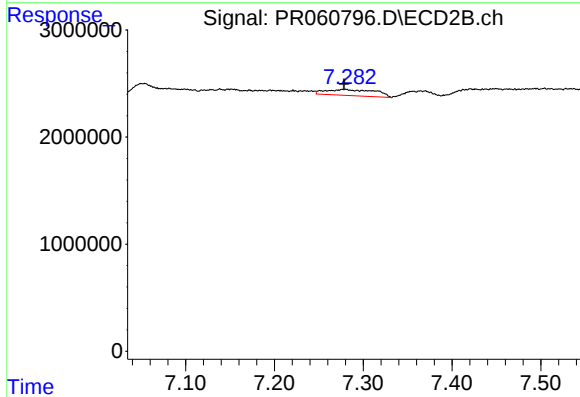
R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 1887939
Conc: 2.82 ng/ml



#43 AR-1268-3

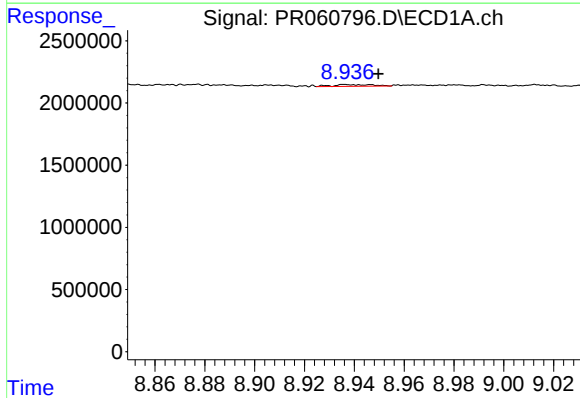
R.T.: 8.533 min
Delta R.T.: -0.006 min
Response: 179496
Conc: 0.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



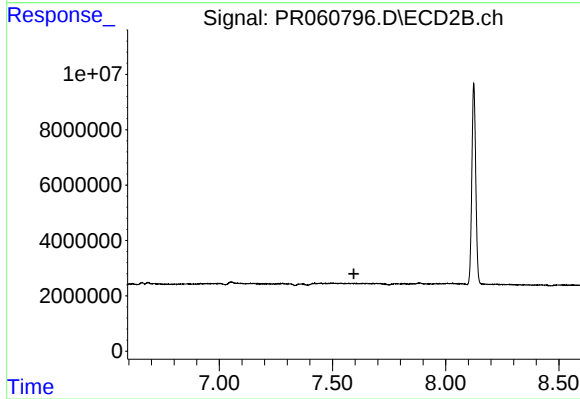
#43 AR-1268-3

R.T.: 7.280 min
Delta R.T.: 0.002 min
Response: 2197572
Conc: 3.87 ng/ml



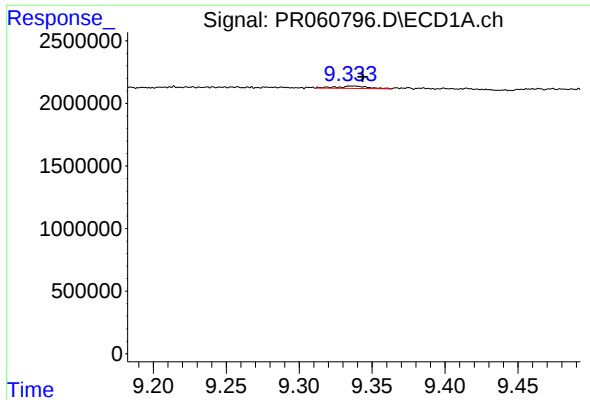
#44 AR-1268-4

R.T.: 8.936 min
Delta R.T.: -0.013 min
Response: 149581
Conc: 1.04 ng/ml



#44 AR-1268-4

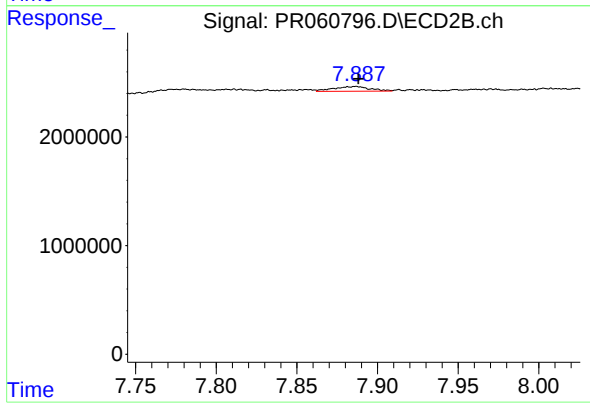
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.336 min
Delta R.T.: -0.008 min
Response: 291483
Conc: 0.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.887 min
Delta R.T.: -0.001 min
Response: 675408
Conc: 0.36 ng/ml