

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100623\
 Data File : PP060693.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2023 14:59
 Operator : YP\AJ
 Sample : 04778-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 16:25:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.532	3.684	43714864	29241229	19.520	19.645
2)	SA Decachlor...	10.459	8.746	28564473	24245394	16.179	14.864
Target Compounds							
3)	L1 AR-1016-1	5.719	4.781	1903375	2219538	25.859	38.196 #
4)	L1 AR-1016-2	5.742	4.800	3532668	2265241	33.730	28.138
5)	L1 AR-1016-3	5.809	4.979	803935	1075962	12.301	24.075 #
6)	L1 AR-1016-4	5.904	5.020	974173	1894237	17.914	52.641 #
7)	L1 AR-1016-5	6.204	5.233	2205161	1321348	39.645	27.194 #
8)	L2 AR-1221-1	4.742	3.908	4261824	375953	147.535	17.997 #
9)	L2 AR-1221-2	4.843	3.986	1866264	1803166	87.351	120.929 #
10)	L2 AR-1221-3	4.933f	4.067	1211627	83956	19.951	1.911 #
11)	L3 AR-1232-1	4.933	4.067	1211627	83956	24.070	2.307 #
12)	L3 AR-1232-2	0.000	4.800	0	2265241	N.D.	62.115 #
13)	L3 AR-1232-3	5.742f	4.979	3532668	1075962	76.107	53.757 #
14)	L3 AR-1232-4	5.904f	5.063	974173	1352663	39.633	72.474 #
15)	L3 AR-1232-5	5.997f	5.233	2132526	1321348	102.913	63.528 #
16)	L4 AR-1242-1	5.719	4.781	1903375	2219538	29.783	43.841 #
17)	L4 AR-1242-2	5.742	4.800	3532668	2265241	39.015	32.619
18)	L4 AR-1242-3	5.809	4.979	803935	1075962	14.279	27.939 #
19)	L4 AR-1242-4	5.904	5.063	974173	1352663	20.858	34.346 #
20)	L4 AR-1242-5	6.652	5.591	3532416	3280830	70.233	67.069
21)	L5 AR-1248-1	5.719	4.781	1903375	2219538	40.911	60.820 #
22)	L5 AR-1248-2	5.997	5.020	2132526	1894237	30.757	36.238
23)	L5 AR-1248-3	6.204	5.063	2205161	1352663	29.035	24.362
24)	L5 AR-1248-4	6.611	5.233	2440687	1321348	29.510	20.073 #
25)	L5 AR-1248-5	6.652	5.631	3532416	1328833	43.890	20.659 #
26)	L6 AR-1254-1	6.585	5.591	4220662	3280830	49.457	33.167 #
27)	L6 AR-1254-2	6.806	5.739	8441700	2388493	66.144	27.792 #
28)	L6 AR-1254-3	7.181	6.146	8973487	5032839	67.512	35.114 #
29)	L6 AR-1254-4	7.465	6.374	5698014	2357238	57.943	27.044 #
30)	L6 AR-1254-5	7.907f	6.795	15255550	9005220	140.808	71.064 #
31)	L7 AR-1260-1	7.342	6.276	4375115	4445323	41.737	44.287
32)	L7 AR-1260-2	7.590	6.465	17466030	2623512	144.459	21.990 #
33)	L7 AR-1260-3	7.964	6.620	3805376	2430923	41.055	21.232 #
34)	L7 AR-1260-4	8.187	7.094	7865838	1217775	74.170	12.794 #
35)	L7 AR-1260-5	8.530	7.336	3220990	2195765	16.644	10.132 #
36)	L8 AR-1262-1	7.964	6.887	3805376	559448	30.508	10.448 #
37)	L8 AR-1262-2	8.530	7.094	3220990	1217775	15.376	10.324 #
38)	L8 AR-1262-3	8.865	7.623	2030557	1002081	13.417	10.868
39)	L8 AR-1262-4	8.951	7.686	1832727	2012024	15.314	11.943
40)	L8 AR-1262-5	9.650	8.187	939960	429056	11.740	5.538 #
41)	L9 AR-1268-1	8.865	7.623	2030557	1002081	7.654	3.687 #

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 ALS Vial : 16 Sample Multiplier: 1

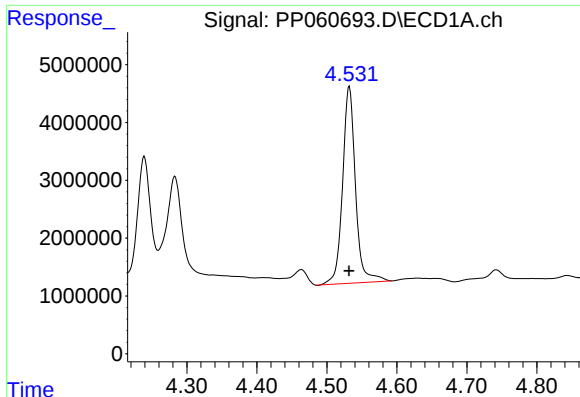
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 16:25:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
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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	8.951	7.686	1832727	2012024	7.519	8.250
43) L9	AR-1268-3	0.000	7.897	0	730594	N.D.	3.416 #
44) L9	AR-1268-4	9.650	8.187	939960	429056	10.175	4.890 #
45) L9	AR-1268-5	10.094	8.484	1685157	1017504	2.662	1.628 #

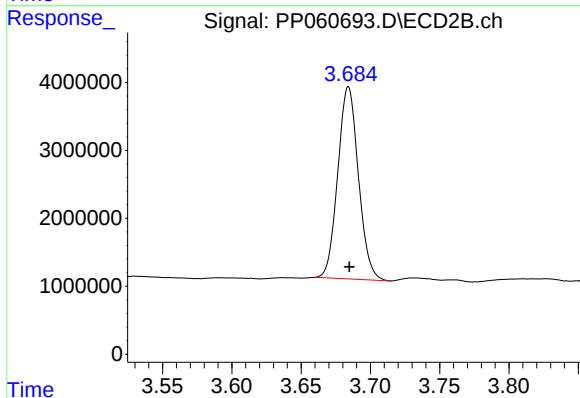
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

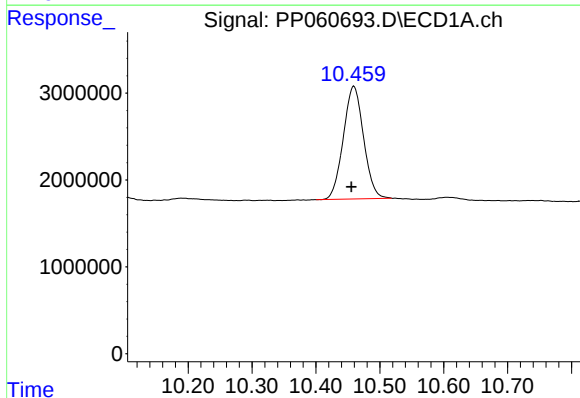
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 43714864
Conc: 19.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



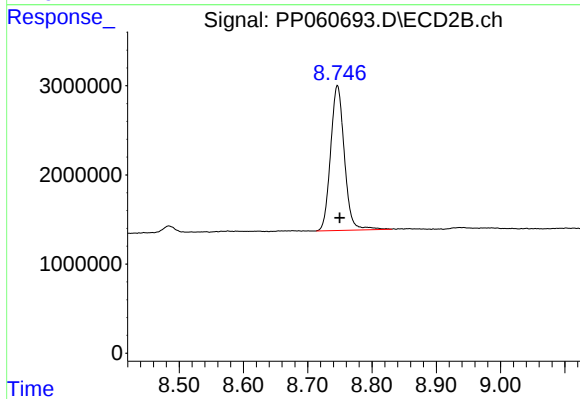
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 29241229
Conc: 19.64 ng/ml



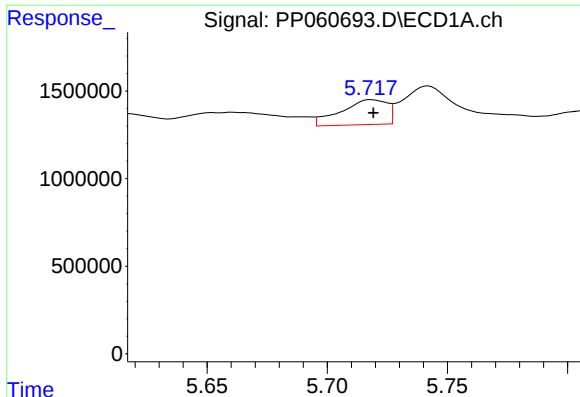
#2 Decachlorobiphenyl

R.T.: 10.459 min
Delta R.T.: 0.004 min
Response: 28564473
Conc: 16.18 ng/ml



#2 Decachlorobiphenyl

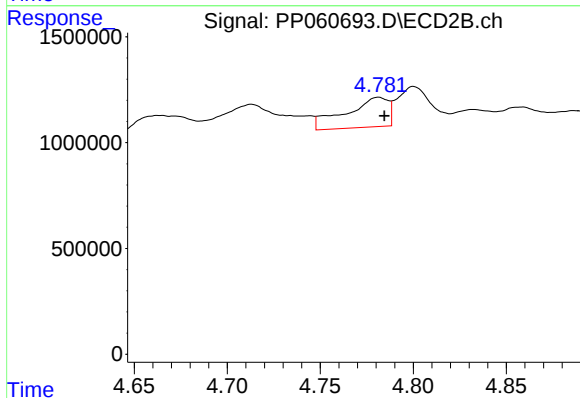
R.T.: 8.746 min
Delta R.T.: -0.004 min
Response: 24245394
Conc: 14.86 ng/ml



#3 AR-1016-1

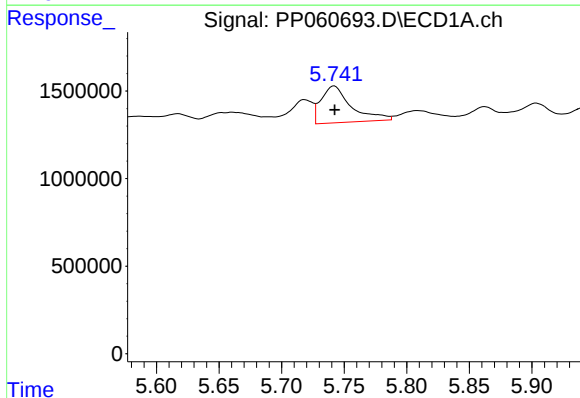
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1903375
Conc: 25.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



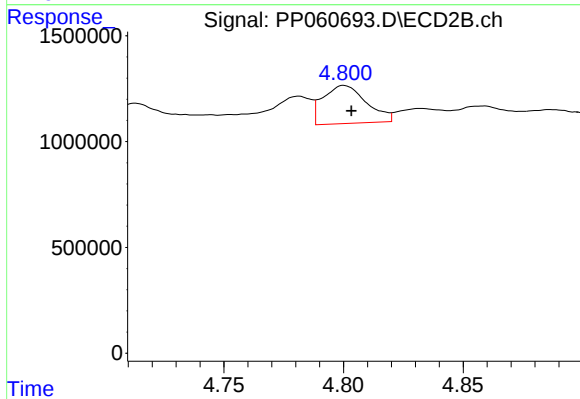
#3 AR-1016-1

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 2219538
Conc: 38.20 ng/ml



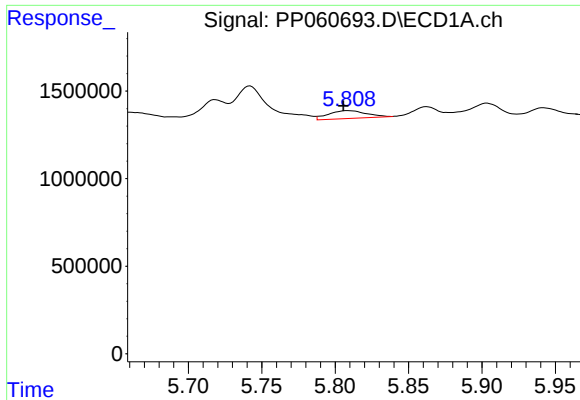
#4 AR-1016-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 3532668
Conc: 33.73 ng/ml



#4 AR-1016-2

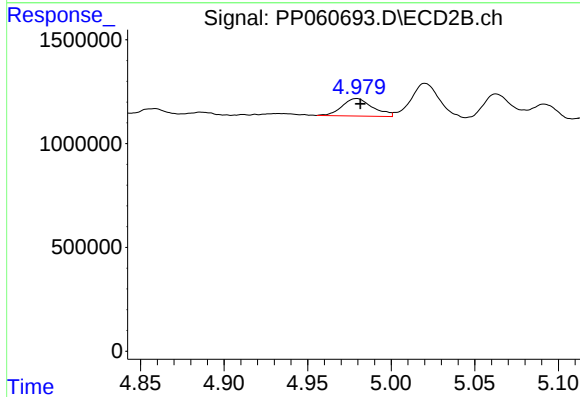
R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 2265241
Conc: 28.14 ng/ml



#5 AR-1016-3

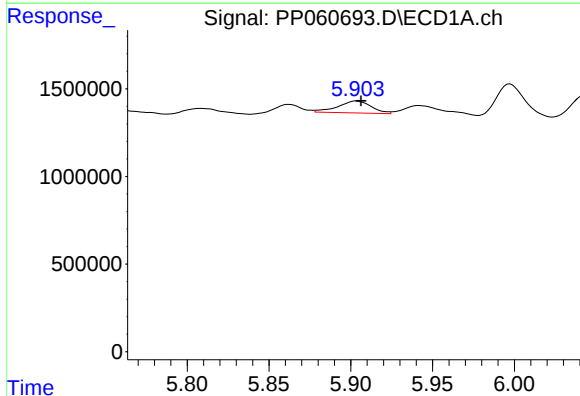
R.T.: 5.809 min
Delta R.T.: 0.003 min
Response: 803935
Conc: 12.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



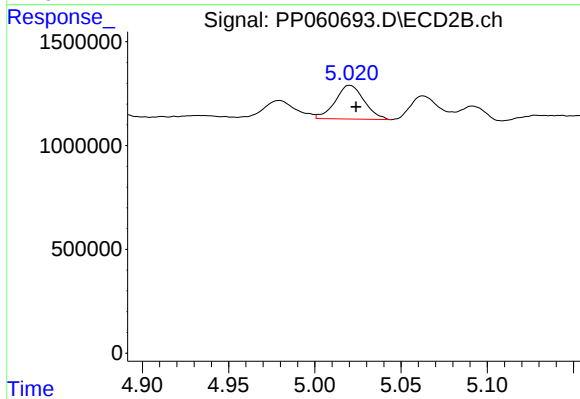
#5 AR-1016-3

R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 1075962
Conc: 24.07 ng/ml



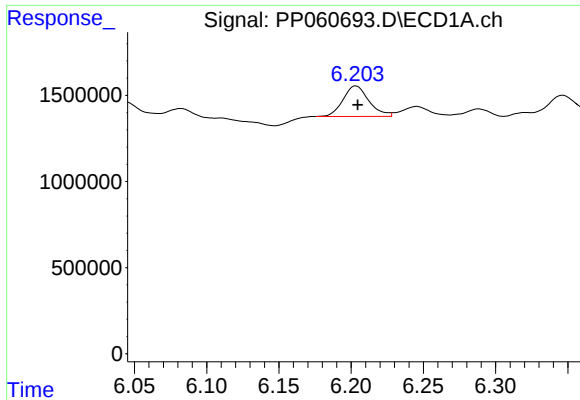
#6 AR-1016-4

R.T.: 5.904 min
Delta R.T.: -0.003 min
Response: 974173
Conc: 17.91 ng/ml



#6 AR-1016-4

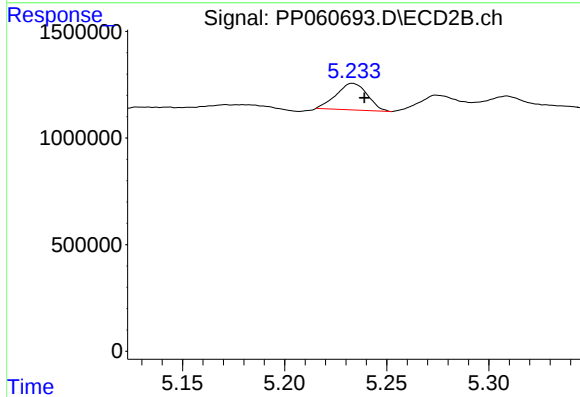
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 1894237
Conc: 52.64 ng/ml



#7 AR-1016-5

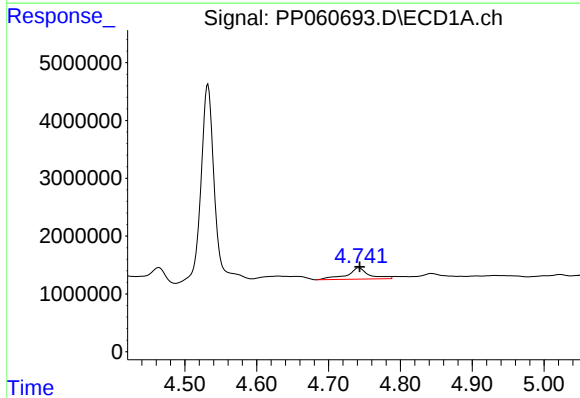
R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 2205161
Conc: 39.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



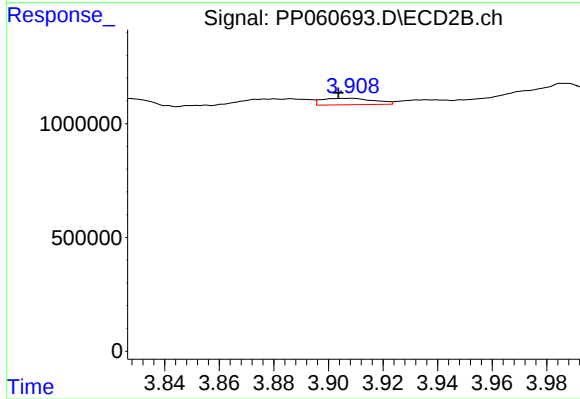
#7 AR-1016-5

R.T.: 5.233 min
Delta R.T.: -0.006 min
Response: 1321348
Conc: 27.19 ng/ml



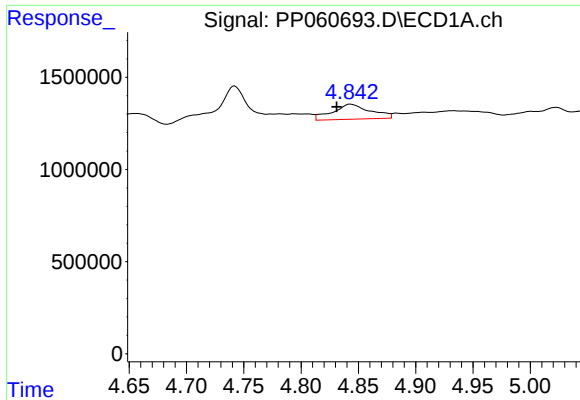
#8 AR-1221-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 4261824
Conc: 147.53 ng/ml



#8 AR-1221-1

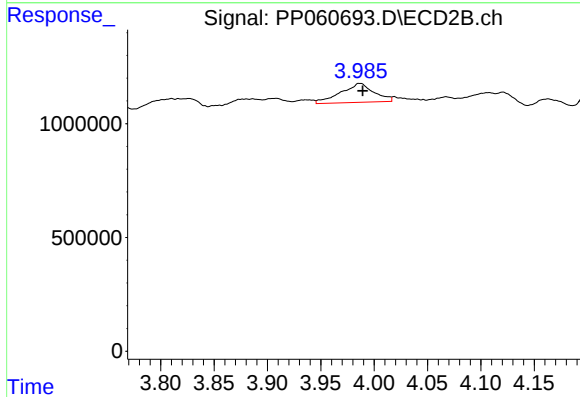
R.T.: 3.908 min
Delta R.T.: 0.005 min
Response: 375953
Conc: 18.00 ng/ml



#9 AR-1221-2

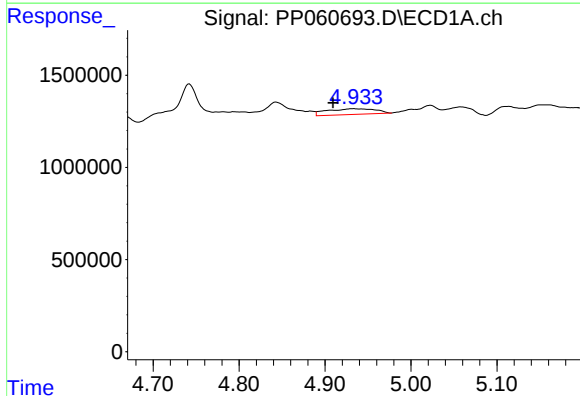
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 1866264
Conc: 87.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



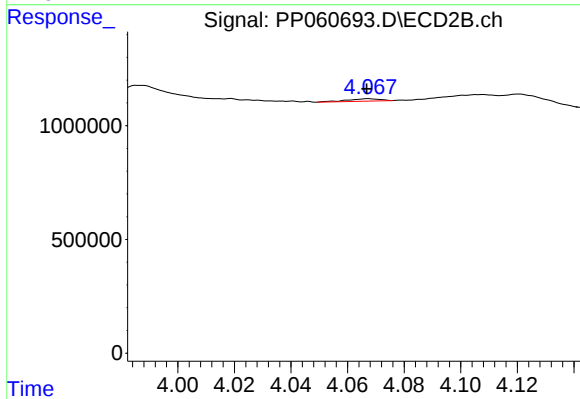
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: -0.003 min
Response: 1803166
Conc: 120.93 ng/ml



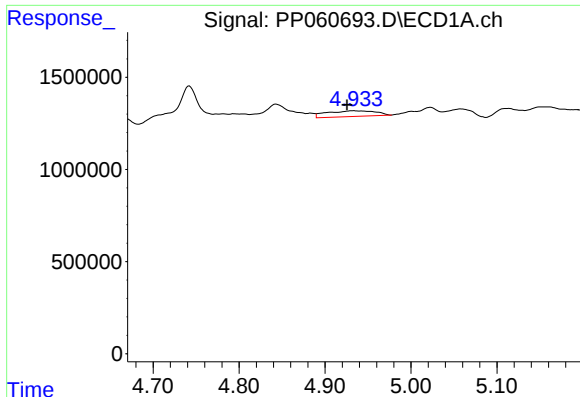
#10 AR-1221-3

R.T.: 4.933 min
Delta R.T.: 0.023 min
Response: 1211627
Conc: 19.95 ng/ml



#10 AR-1221-3

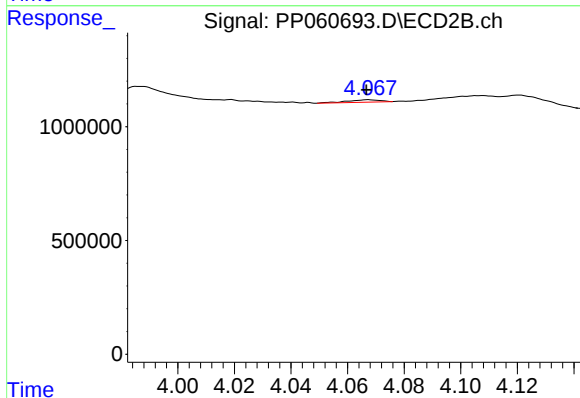
R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 83956
Conc: 1.91 ng/ml



#11 AR-1232-1

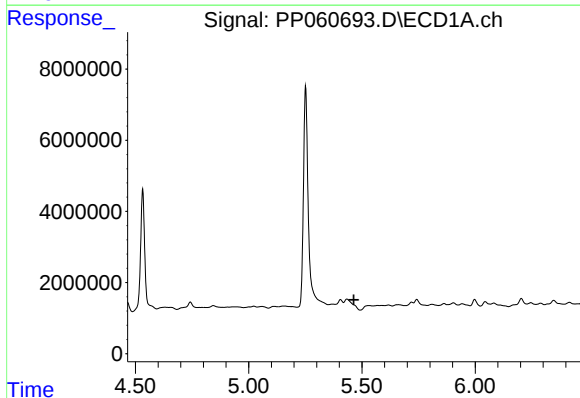
R.T.: 4.933 min
Delta R.T.: 0.007 min
Response: 1211627
Conc: 24.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



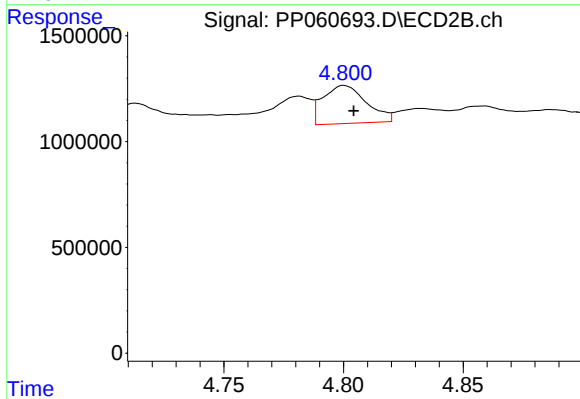
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 83956
Conc: 2.31 ng/ml



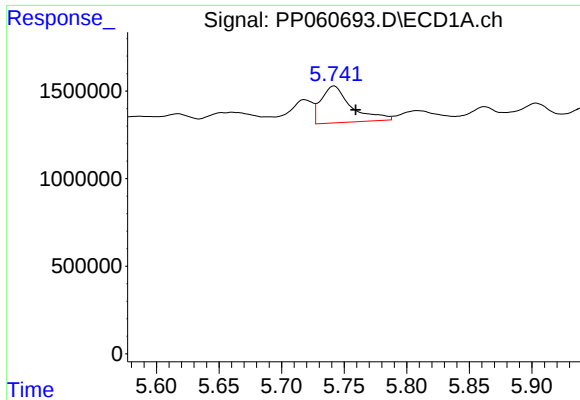
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

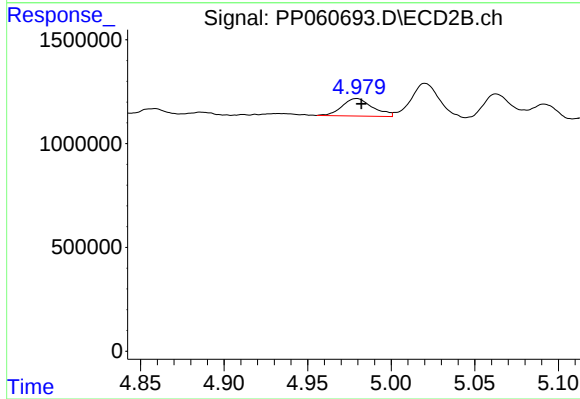
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 2265241
Conc: 62.12 ng/ml



#13 AR-1232-3

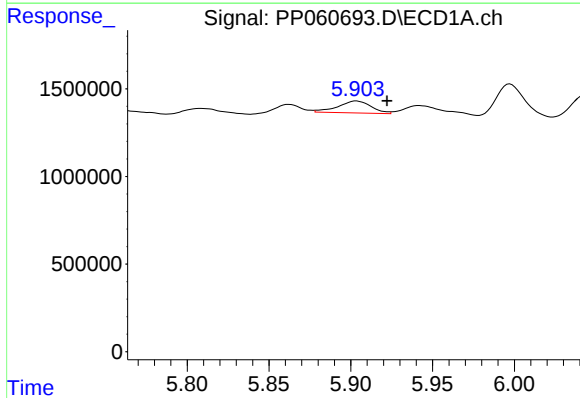
R.T.: 5.742 min
Delta R.T.: -0.017 min
Response: 3532668
Conc: 76.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



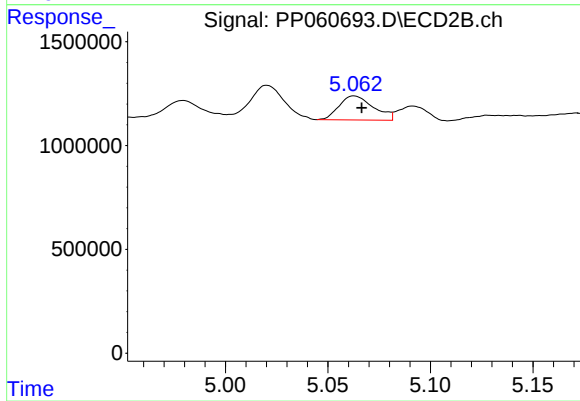
#13 AR-1232-3

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 1075962
Conc: 53.76 ng/ml



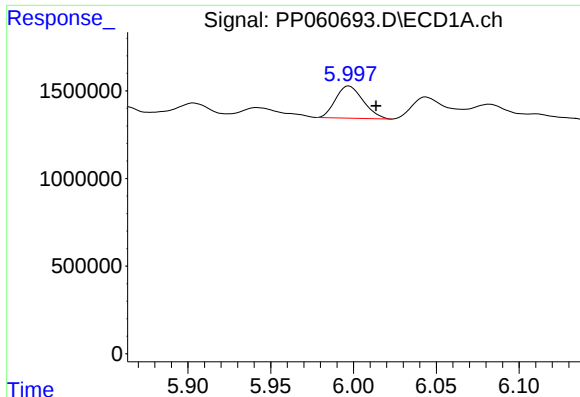
#14 AR-1232-4

R.T.: 5.904 min
Delta R.T.: -0.019 min
Response: 974173
Conc: 39.63 ng/ml



#14 AR-1232-4

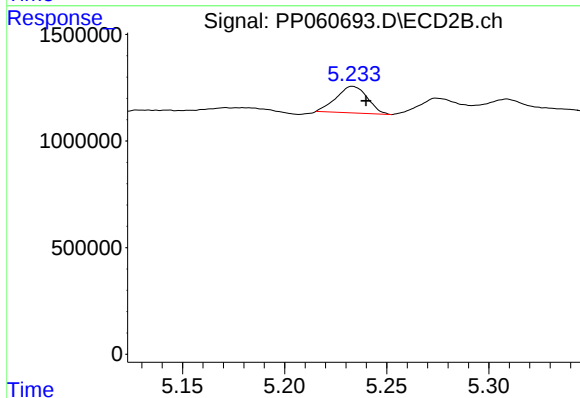
R.T.: 5.063 min
Delta R.T.: -0.004 min
Response: 1352663
Conc: 72.47 ng/ml



#15 AR-1232-5

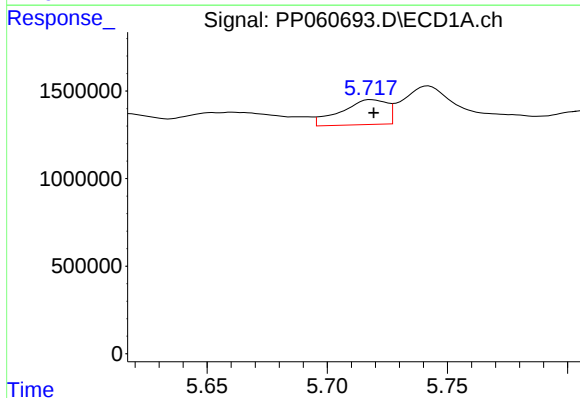
R.T.: 5.997 min
Delta R.T.: -0.016 min
Response: 2132526
Conc: 102.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



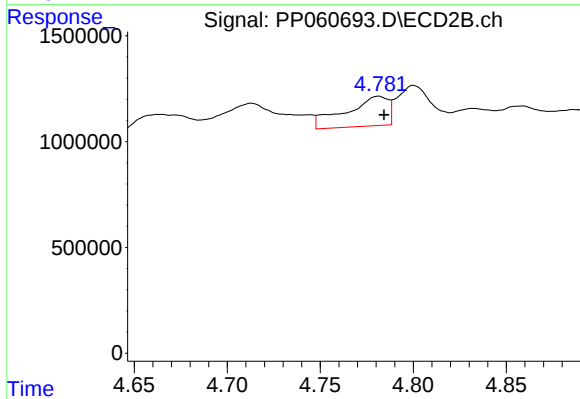
#15 AR-1232-5

R.T.: 5.233 min
Delta R.T.: -0.007 min
Response: 1321348
Conc: 63.53 ng/ml



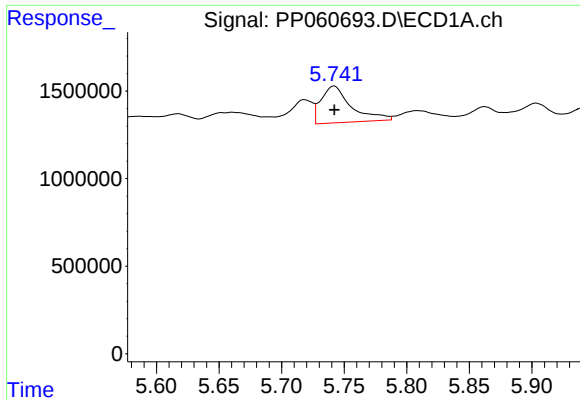
#16 AR-1242-1

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1903375
Conc: 29.78 ng/ml



#16 AR-1242-1

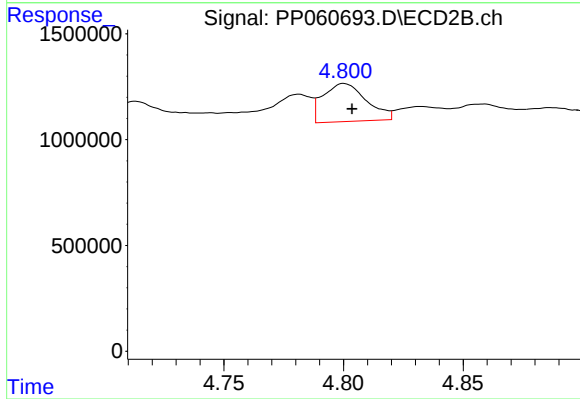
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 2219538
Conc: 43.84 ng/ml



#17 AR-1242-2

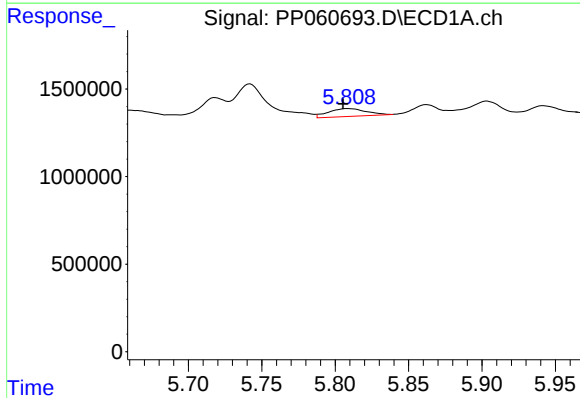
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 3532668
Conc: 39.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



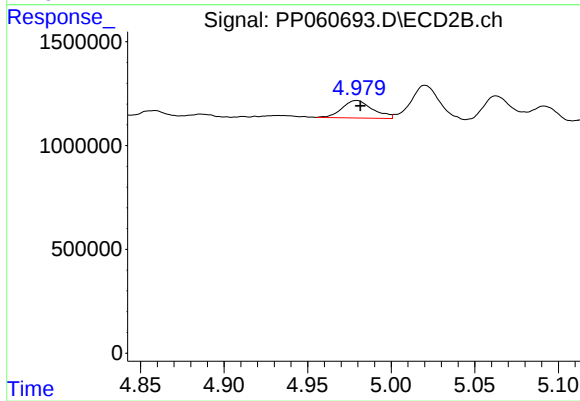
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 2265241
Conc: 32.62 ng/ml



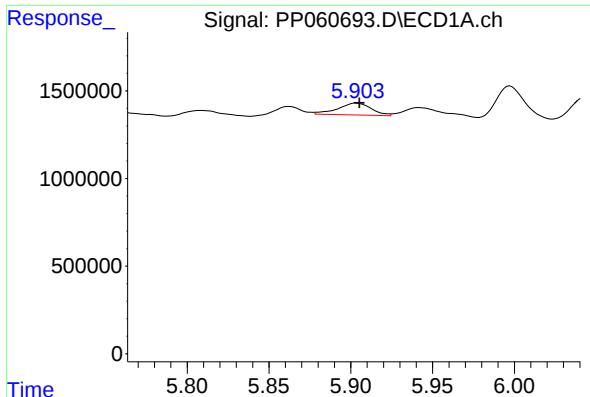
#18 AR-1242-3

R.T.: 5.809 min
Delta R.T.: 0.004 min
Response: 803935
Conc: 14.28 ng/ml



#18 AR-1242-3

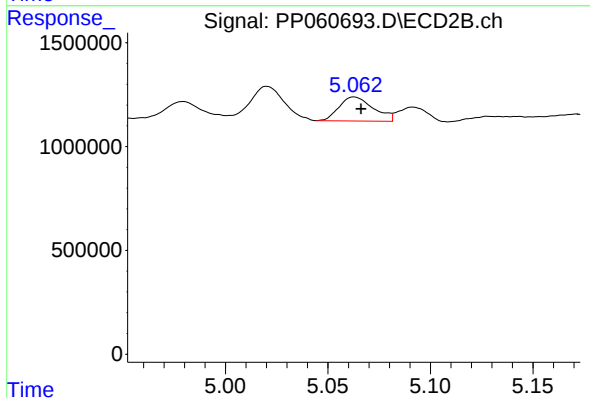
R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 1075962
Conc: 27.94 ng/ml



#19 AR-1242-4

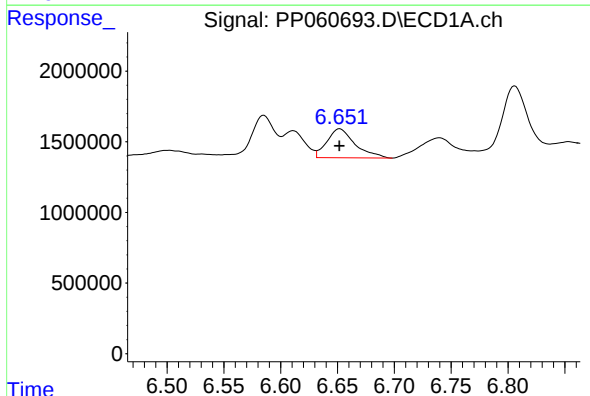
R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 974173
Conc: 20.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



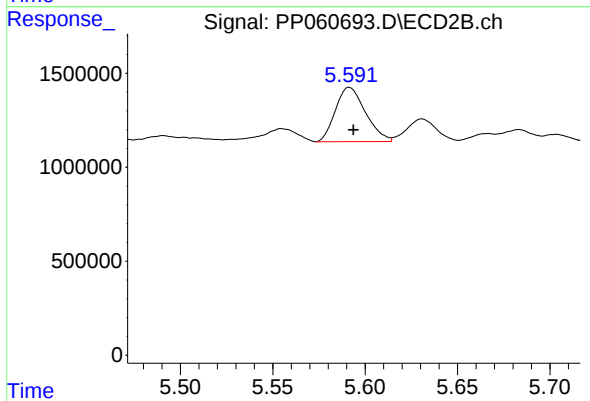
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 1352663
Conc: 34.35 ng/ml



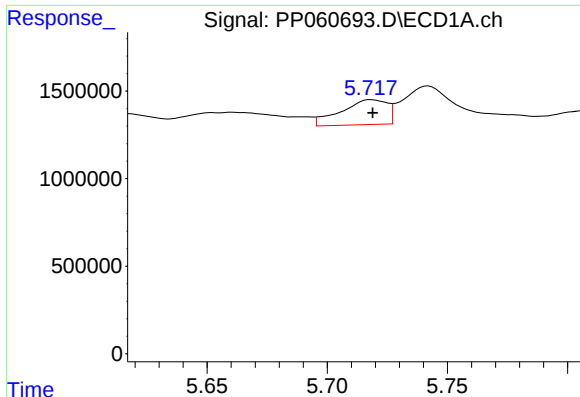
#20 AR-1242-5

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 3532416
Conc: 70.23 ng/ml



#20 AR-1242-5

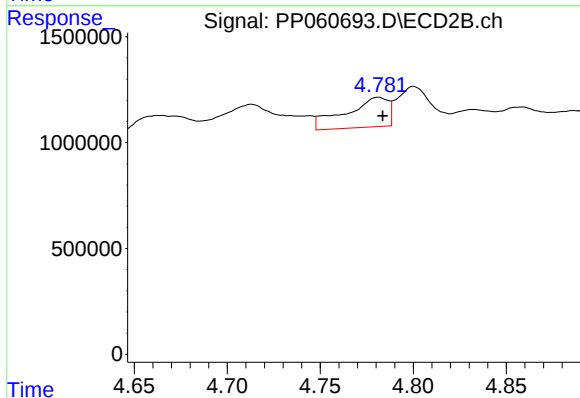
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 3280830
Conc: 67.07 ng/ml



#21 AR-1248-1

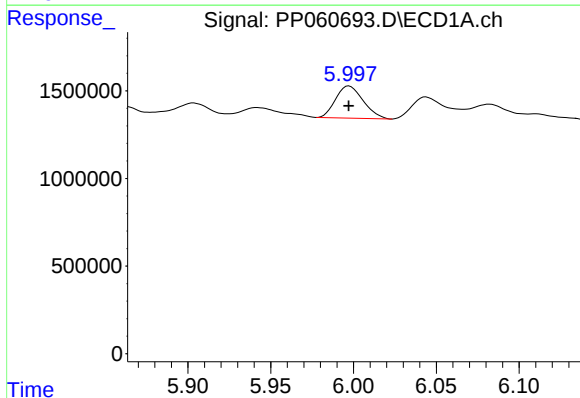
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1903375
Conc: 40.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



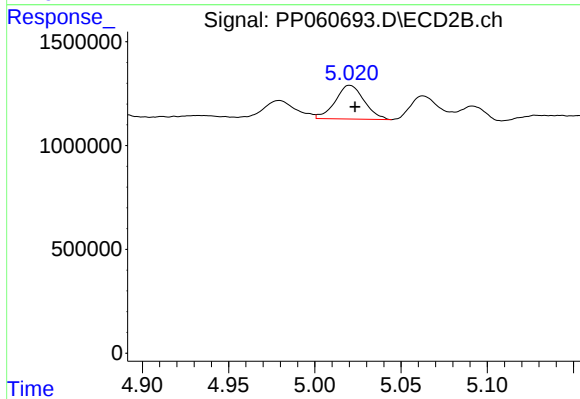
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 2219538
Conc: 60.82 ng/ml



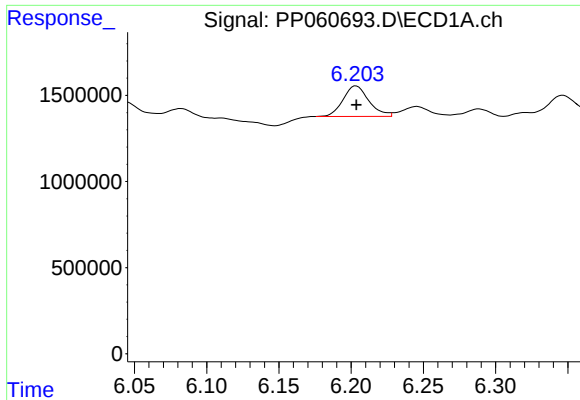
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 2132526
Conc: 30.76 ng/ml



#22 AR-1248-2

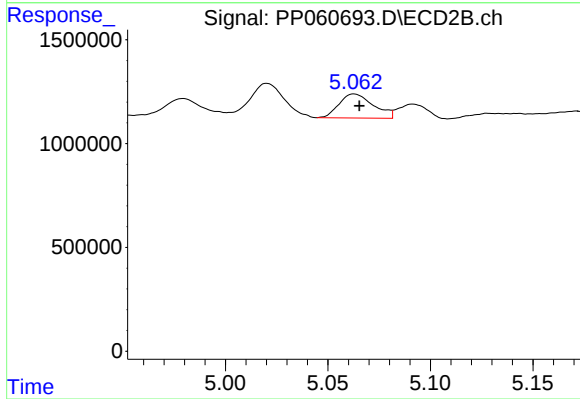
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 1894237
Conc: 36.24 ng/ml



#23 AR-1248-3

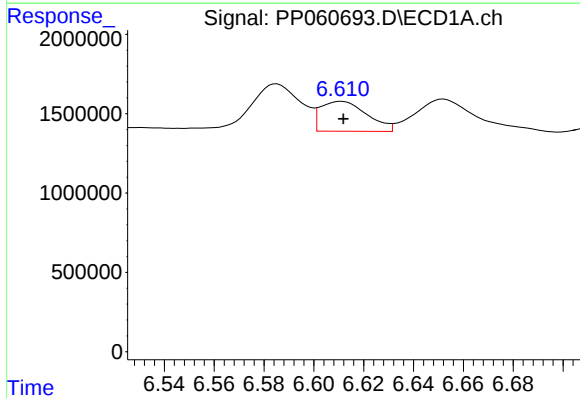
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 2205161
Conc: 29.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



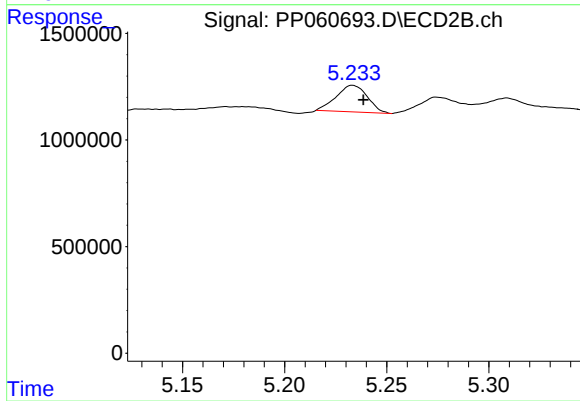
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 1352663
Conc: 24.36 ng/ml



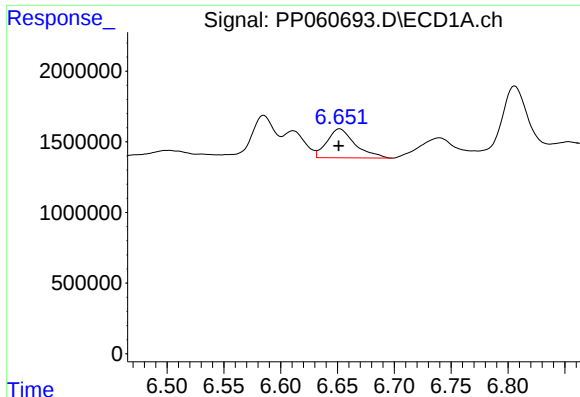
#24 AR-1248-4

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 2440687
Conc: 29.51 ng/ml



#24 AR-1248-4

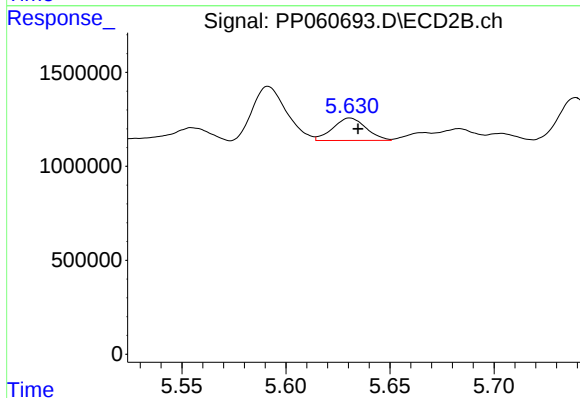
R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 1321348
Conc: 20.07 ng/ml



#25 AR-1248-5

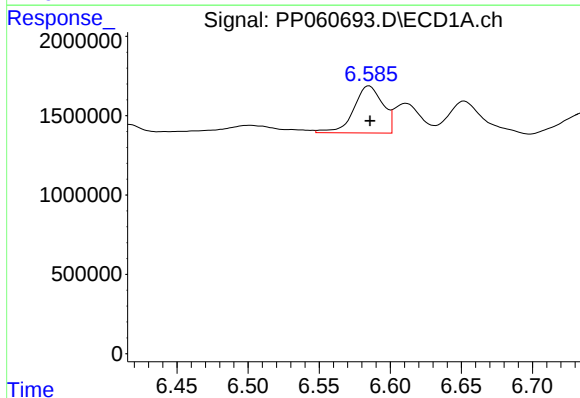
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 3532416
Conc: 43.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



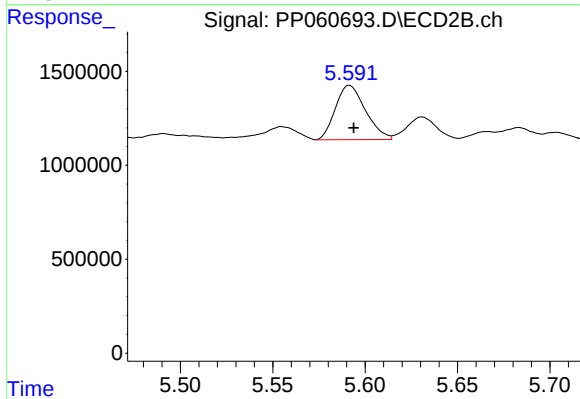
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: -0.004 min
Response: 1328833
Conc: 20.66 ng/ml



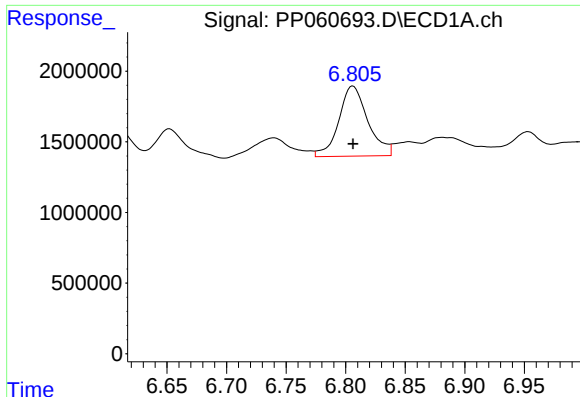
#26 AR-1254-1

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 4220662
Conc: 49.46 ng/ml



#26 AR-1254-1

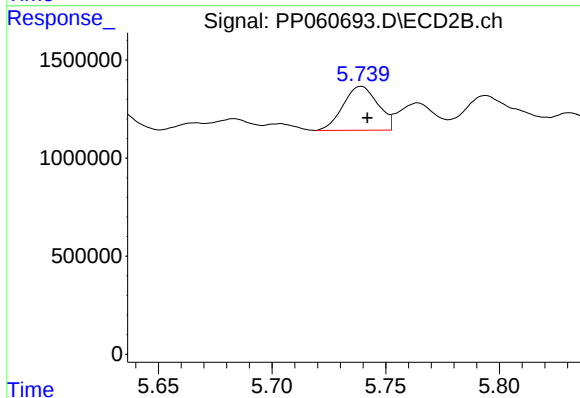
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 3280830
Conc: 33.17 ng/ml



#27 AR-1254-2

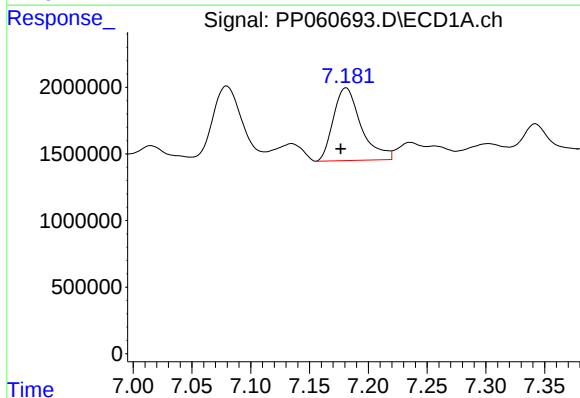
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 8441700
Conc: 66.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



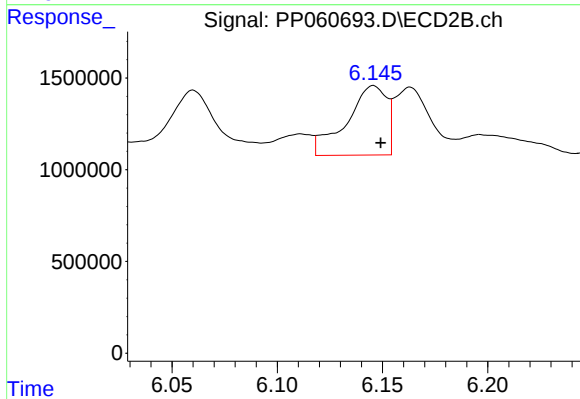
#27 AR-1254-2

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 2388493
Conc: 27.79 ng/ml



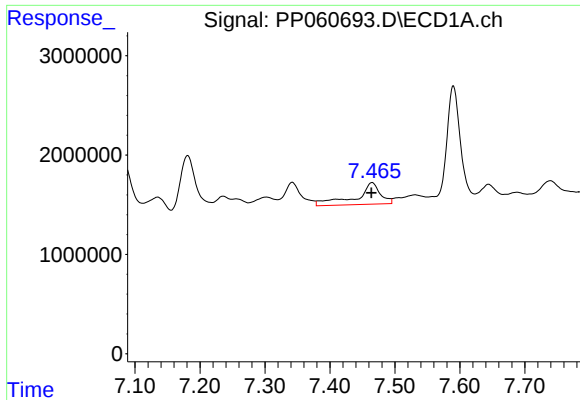
#28 AR-1254-3

R.T.: 7.181 min
Delta R.T.: 0.005 min
Response: 8973487
Conc: 67.51 ng/ml



#28 AR-1254-3

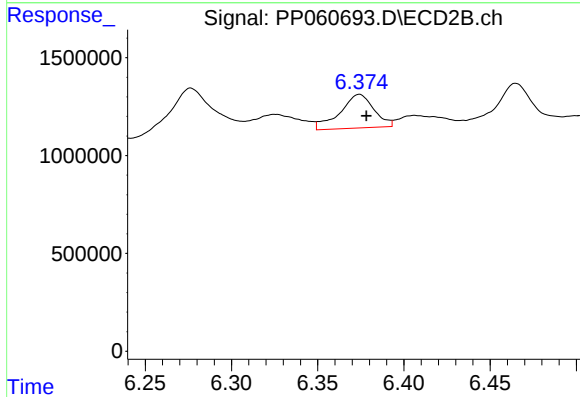
R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 5032839
Conc: 35.11 ng/ml



#29 AR-1254-4

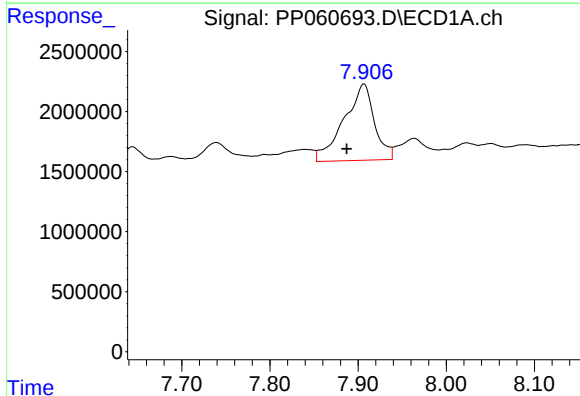
R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 5698014
Conc: 57.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



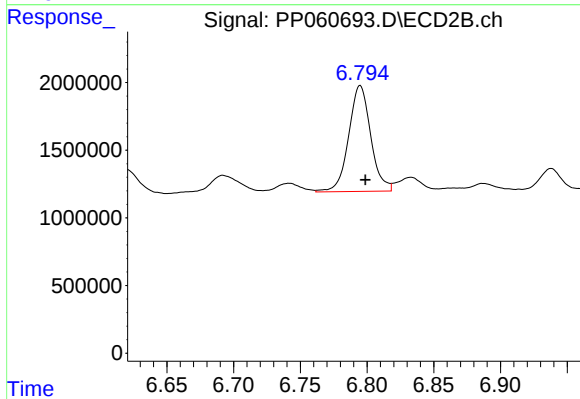
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 2357238
Conc: 27.04 ng/ml



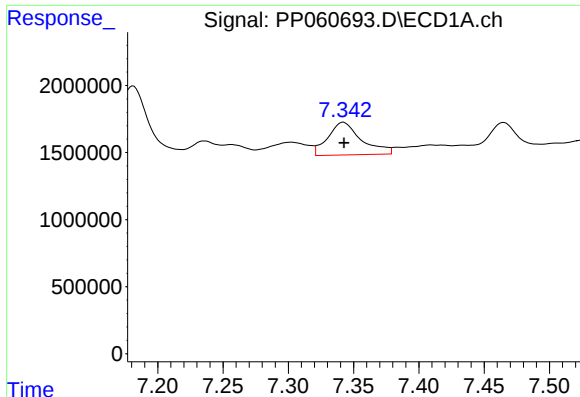
#30 AR-1254-5

R.T.: 7.907 min
Delta R.T.: 0.020 min
Response: 15255550
Conc: 140.81 ng/ml



#30 AR-1254-5

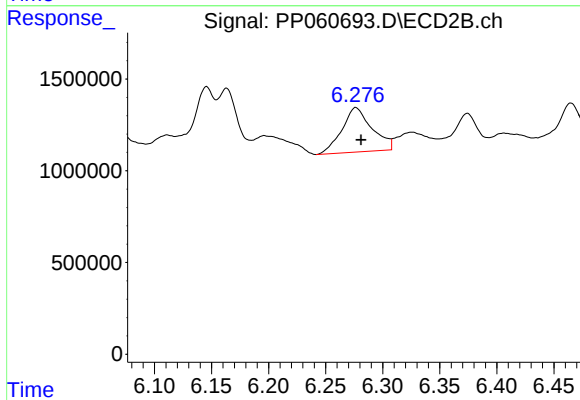
R.T.: 6.795 min
Delta R.T.: -0.004 min
Response: 9005220
Conc: 71.06 ng/ml



#31 AR-1260-1

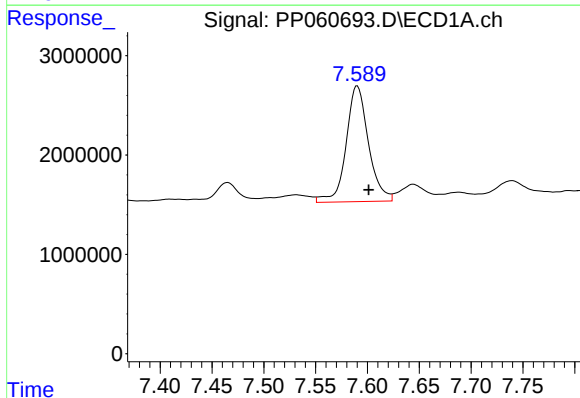
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 4375115
Conc: 41.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



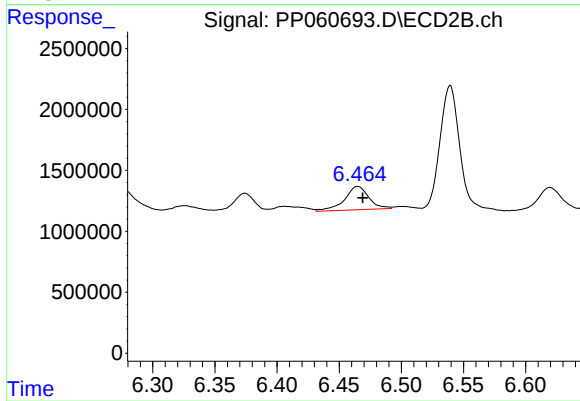
#31 AR-1260-1

R.T.: 6.276 min
Delta R.T.: -0.005 min
Response: 4445323
Conc: 44.29 ng/ml



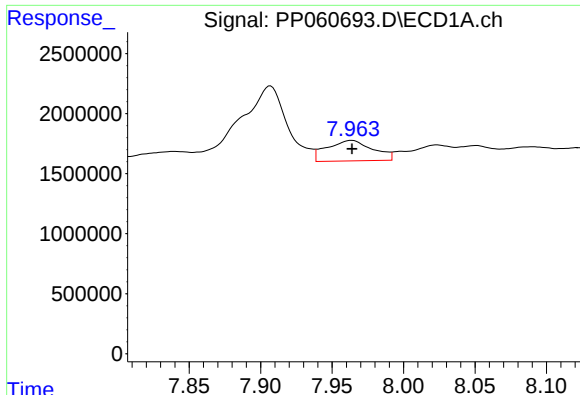
#32 AR-1260-2

R.T.: 7.590 min
Delta R.T.: -0.011 min
Response: 17466030
Conc: 144.46 ng/ml



#32 AR-1260-2

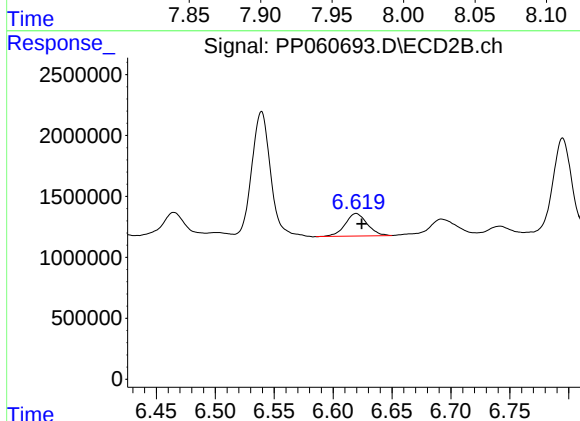
R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 2623512
Conc: 21.99 ng/ml



#33 AR-1260-3

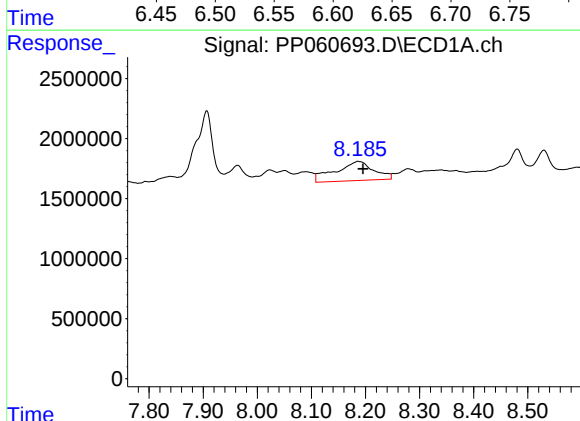
R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 3805376
Conc: 41.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



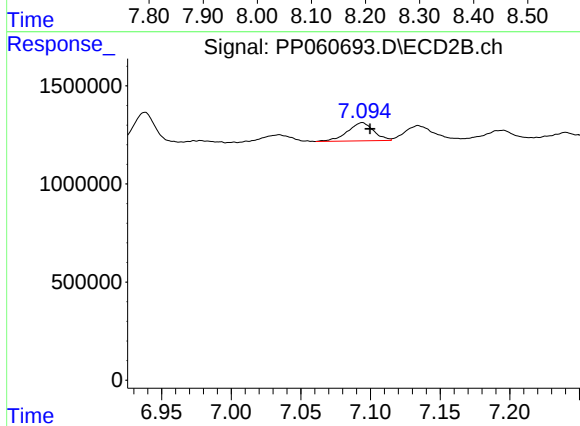
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.005 min
Response: 2430923
Conc: 21.23 ng/ml



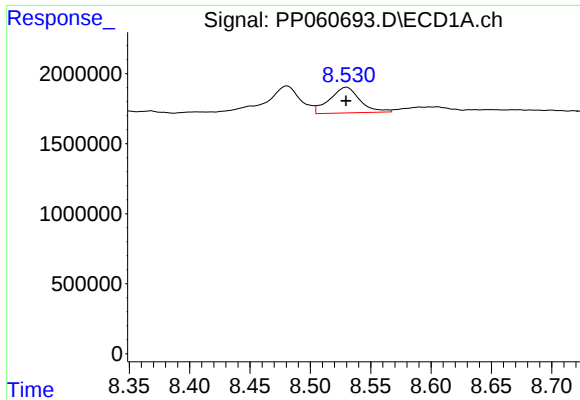
#34 AR-1260-4

R.T.: 8.187 min
Delta R.T.: -0.009 min
Response: 7865838
Conc: 74.17 ng/ml



#34 AR-1260-4

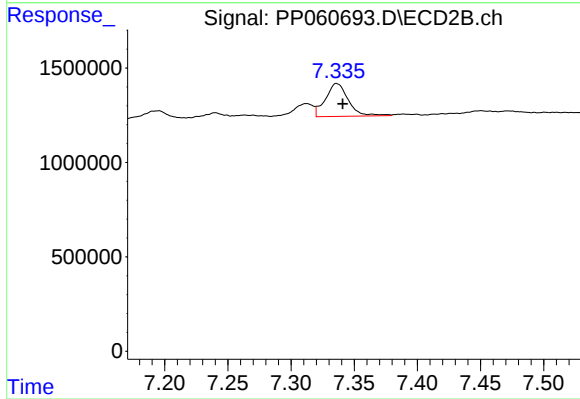
R.T.: 7.094 min
Delta R.T.: -0.006 min
Response: 1217775
Conc: 12.79 ng/ml



#35 AR-1260-5

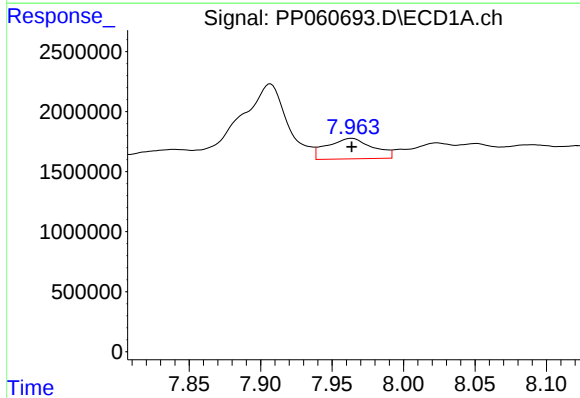
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 3220990
Conc: 16.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



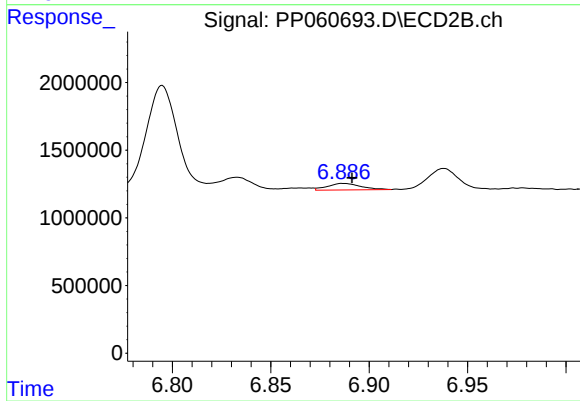
#35 AR-1260-5

R.T.: 7.336 min
Delta R.T.: -0.005 min
Response: 2195765
Conc: 10.13 ng/ml



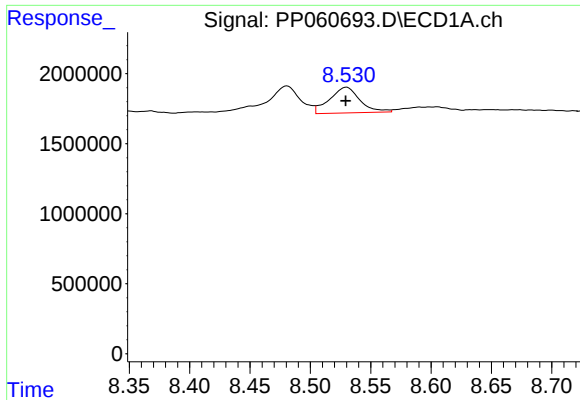
#36 AR-1262-1

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 3805376
Conc: 30.51 ng/ml



#36 AR-1262-1

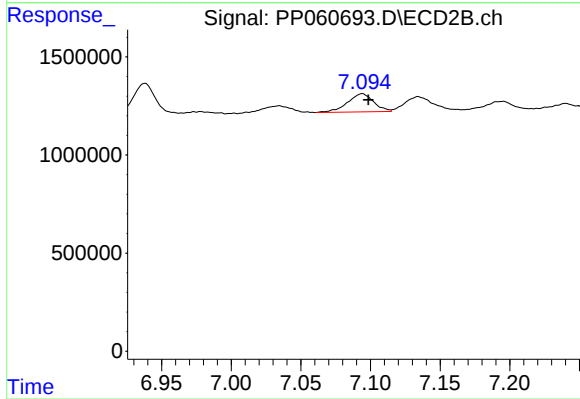
R.T.: 6.887 min
Delta R.T.: -0.005 min
Response: 559448
Conc: 10.45 ng/ml



#37 AR-1262-2

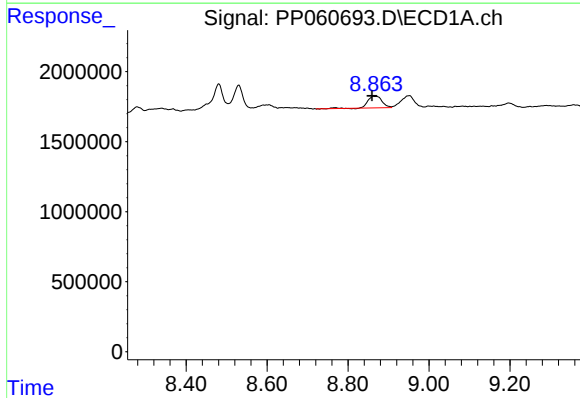
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 3220990
Conc: 15.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



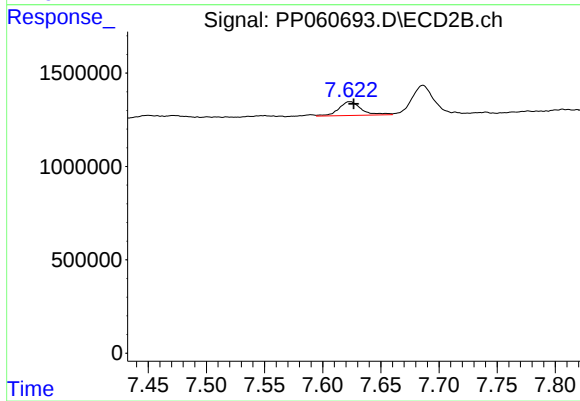
#37 AR-1262-2

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 1217775
Conc: 10.32 ng/ml



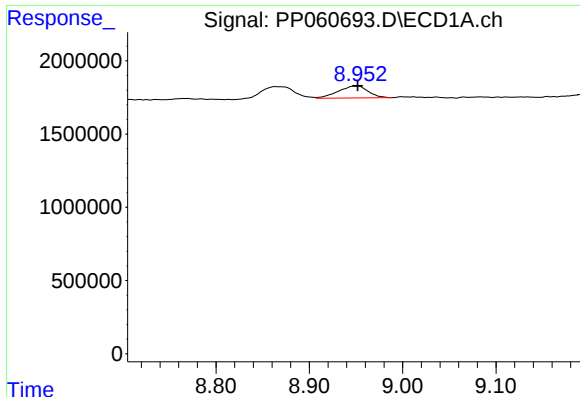
#38 AR-1262-3

R.T.: 8.865 min
Delta R.T.: 0.005 min
Response: 2030557
Conc: 13.42 ng/ml



#38 AR-1262-3

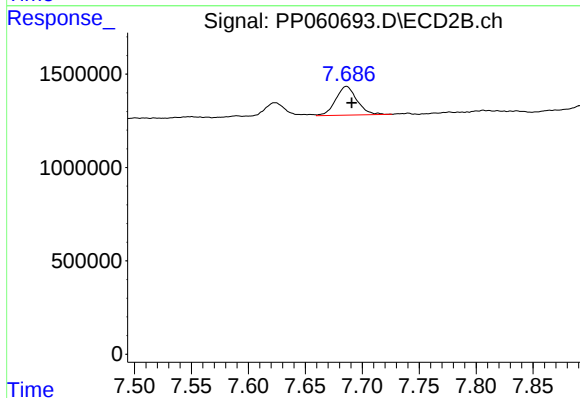
R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 1002081
Conc: 10.87 ng/ml



#39 AR-1262-4

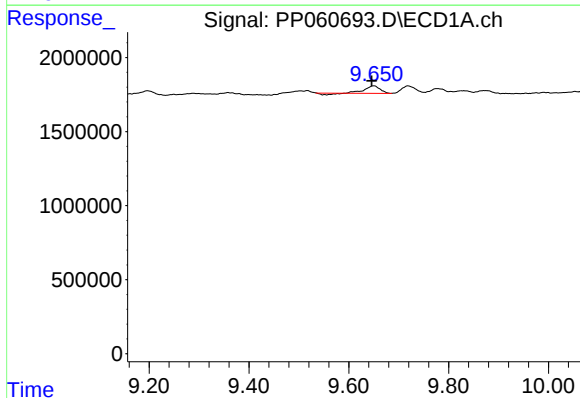
R.T.: 8.951 min
Delta R.T.: -0.001 min
Response: 1832727
Conc: 15.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



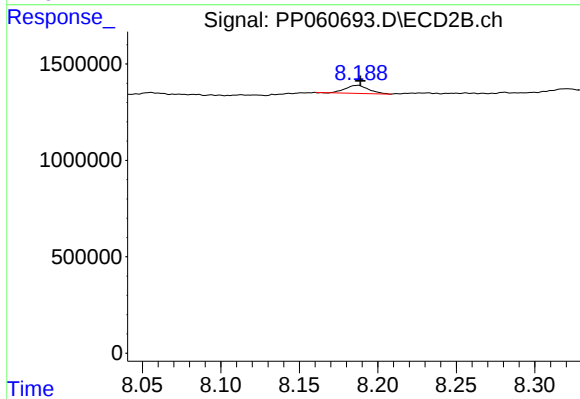
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.004 min
Response: 2012024
Conc: 11.94 ng/ml



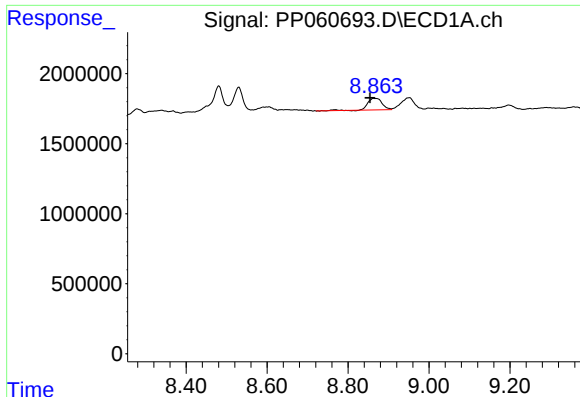
#40 AR-1262-5

R.T.: 9.650 min
Delta R.T.: 0.004 min
Response: 939960
Conc: 11.74 ng/ml



#40 AR-1262-5

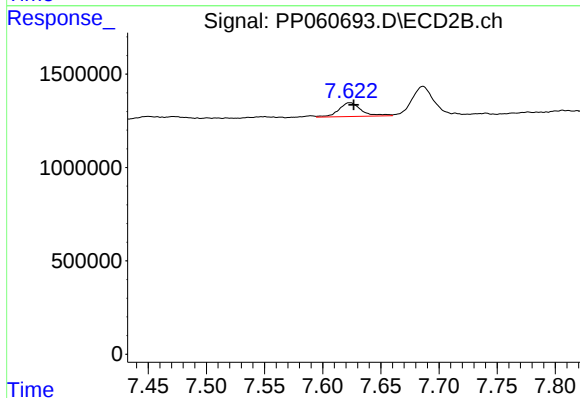
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 429056
Conc: 5.54 ng/ml



#41 AR-1268-1

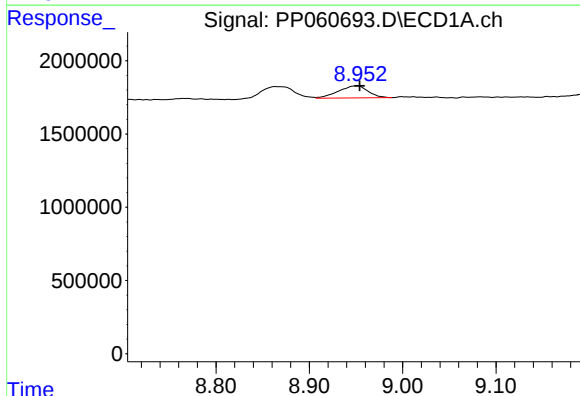
R.T.: 8.865 min
Delta R.T.: 0.010 min
Response: 2030557
Conc: 7.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



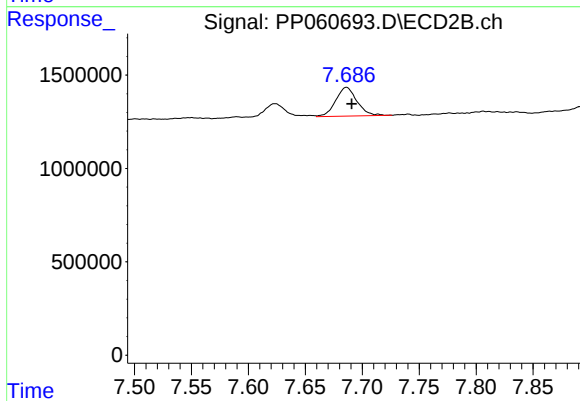
#41 AR-1268-1

R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 1002081
Conc: 3.69 ng/ml



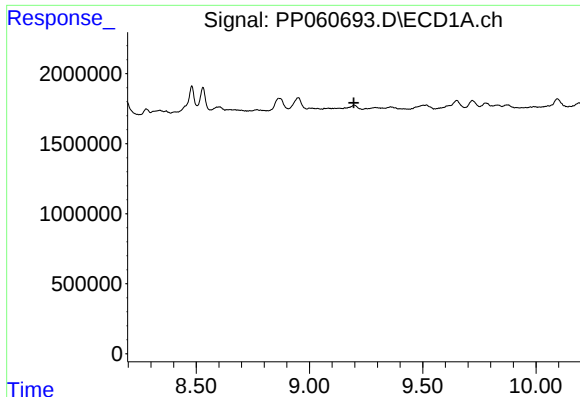
#42 AR-1268-2

R.T.: 8.951 min
Delta R.T.: -0.003 min
Response: 1832727
Conc: 7.52 ng/ml



#42 AR-1268-2

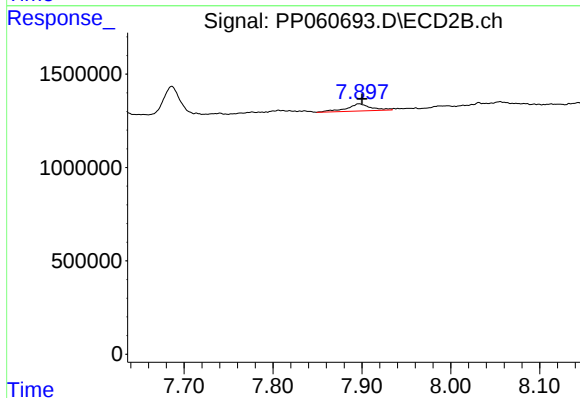
R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 2012024
Conc: 8.25 ng/ml



#43 AR-1268-3

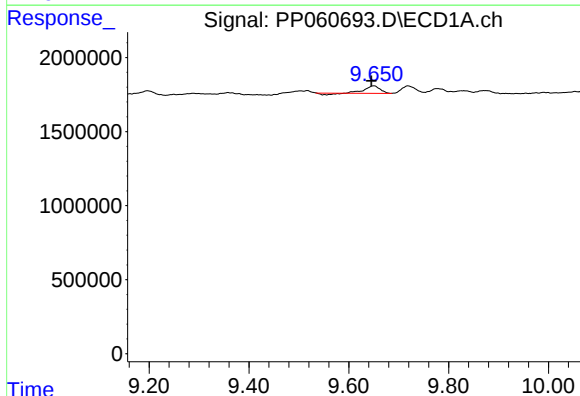
R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



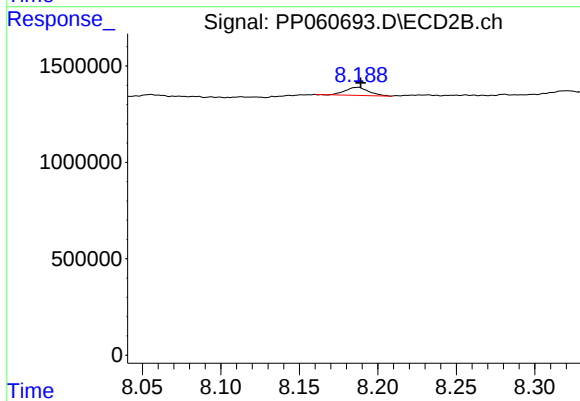
#43 AR-1268-3

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 730594
Conc: 3.42 ng/ml



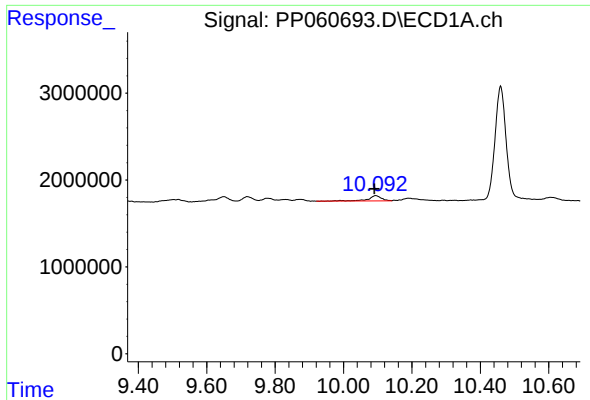
#44 AR-1268-4

R.T.: 9.650 min
Delta R.T.: 0.005 min
Response: 939960
Conc: 10.17 ng/ml



#44 AR-1268-4

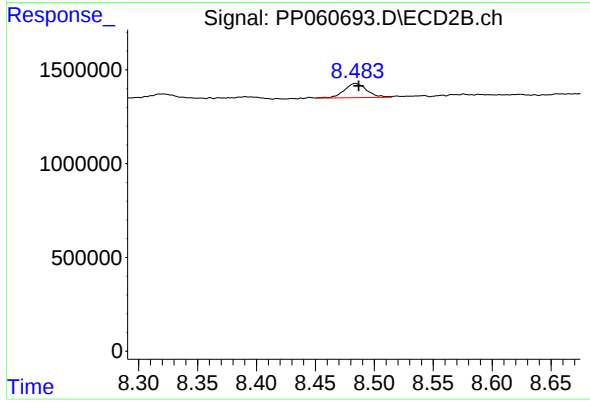
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 429056
Conc: 4.89 ng/ml



#45 AR-1268-5

R.T.: 10.094 min
Delta R.T.: 0.004 min
Response: 1685157
Conc: 2.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.484 min
Delta R.T.: -0.003 min
Response: 1017504
Conc: 1.63 ng/ml