

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080923\
 Data File : PP059271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 16:35
 Operator : YP\AJ
 Sample : 03572-01
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 17:45:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.416	3.648	22272568	38468889	18.152	18.986
2)	SA Decachlor...	10.210	8.684	17158372	32852180	22.481	23.352
Target Compounds							
3)	L1 AR-1016-1	5.593	4.742	849942	1733038	21.633	27.021
4)	L1 AR-1016-2	5.616	4.760	1179326	2186390	20.804	24.069
5)	L1 AR-1016-3	5.678	4.936	702814	1423408	19.591	29.625 #
6)	L1 AR-1016-4	5.777	4.979	549103	1164281	18.956	28.197 #
7)	L1 AR-1016-5	6.074	5.193	743612	1322101	24.571	25.409
8)	L2 AR-1221-1	4.630	3.864	101639	109995	6.452	4.052 #
9)	L2 AR-1221-2	4.726	3.949	811115	1064369	68.687	53.460
10)	L2 AR-1221-3	4.790	4.026	1111589	1476136	31.568	24.795
11)	L3 AR-1232-1	4.790	4.026	1111589	1476136	37.814	31.110
12)	L3 AR-1232-2	5.324	4.760	683302	2186390	43.838	51.543
13)	L3 AR-1232-3	5.616	4.936	1179326	1423408	44.662	64.153 #
14)	L3 AR-1232-4	5.777	5.022	549103	1494739	41.490	70.793 #
15)	L3 AR-1232-5	5.869	5.193	509860	1322101	44.668	57.676 #
16)	L4 AR-1242-1	5.593	4.742	849942	1733038	24.829	30.967
17)	L4 AR-1242-2	5.616	4.760	1179326	2186390	24.034	27.420
18)	L4 AR-1242-3	5.678	4.936	702814	1423408	22.370	33.398 #
19)	L4 AR-1242-4	5.777	5.022	549103	1494739	21.412	34.231 #
20)	L4 AR-1242-5	6.517	5.547	709054	1817624	27.446	36.592 #
21)	L5 AR-1248-1	5.593	4.742	849942	1733038	33.488	42.128 #
22)	L5 AR-1248-2	5.869	4.979	509860	1164281	13.173	19.335 #
23)	L5 AR-1248-3	6.074	5.022	743612	1494739	17.602	24.261 #
24)	L5 AR-1248-4	6.479	5.193	737203	1322101	17.706	18.364
25)	L5 AR-1248-5	6.517	5.588	709054	1799149	17.382	27.266 #
26)	L6 AR-1254-1	6.452	5.547	633141	1817624	13.553	17.940 #
27)	L6 AR-1254-2	6.676	5.695	823594	866500	11.969	9.816
28)	L6 AR-1254-3	7.041	6.100	663156	864393	9.608	6.253 #
29)	L6 AR-1254-4	7.326	6.331	360937	645595	8.018	8.032
30)	L6 AR-1254-5	7.751	6.754	366579	83923	7.802	0.702 #
31)	L7 AR-1260-1	7.209	6.230	122841	70605	2.245	0.713 #
32)	L7 AR-1260-2	7.469	6.419	70579	228354	1.185	1.974 #
33)	L7 AR-1260-3	7.824	6.577	251722	87794	6.396	0.789 #
34)	L7 AR-1260-4	8.058	7.071f	60907	532261	1.371	6.139 #
35)	L7 AR-1260-5	8.401f	7.297	66446	282253	0.831	1.531 #
36)	L8 AR-1262-1	7.824	6.839	251722	7782	3.952	0.135 #
37)	L8 AR-1262-2	8.401f	7.071f	66446	532261	0.724	4.511 #
38)	L8 AR-1262-3	8.700	7.567	73935	322352	1.149	3.788 #
39)	L8 AR-1262-4	0.000	7.639	0	39367	N.D.	0.261 #
40)	L8 AR-1262-5	9.459f	8.137	-14500	58835	N.D.	0.923 #
41)	L9 AR-1268-1	8.700	7.567	73935	322352	0.651	1.322 #

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 Operator : YP\AJ
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 Misc : AR1242 LOD 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

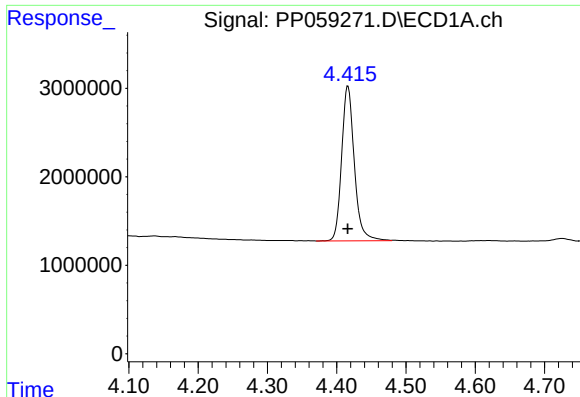
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 17:45:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.639	0	39367	N.D.	0.180 #
43) L9	AR-1268-3	9.002	7.848	100123	78558	1.080	0.402 #
44) L9	AR-1268-4	9.459f	8.137	-14500	58835	N.D.	0.845 #
45) L9	AR-1268-5	9.866	8.430	75971	177464	0.280	0.342

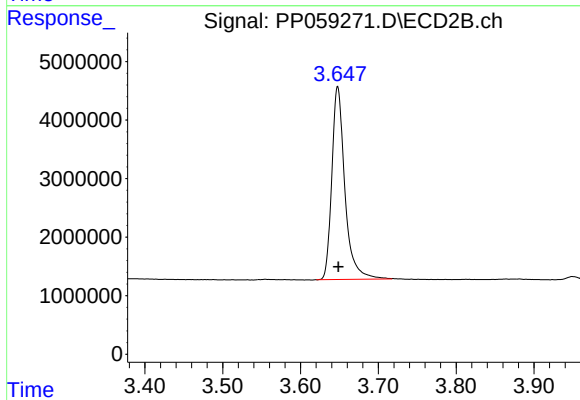
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

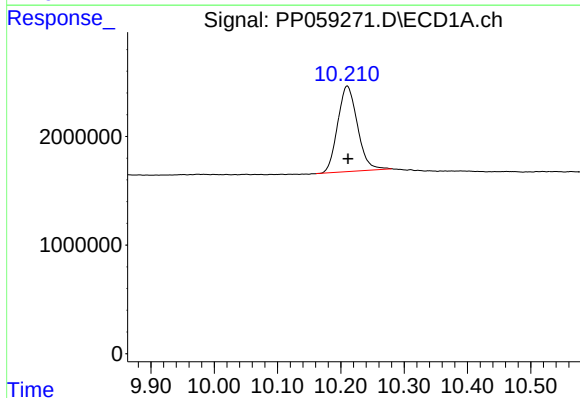
R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 22272568
Conc: 18.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



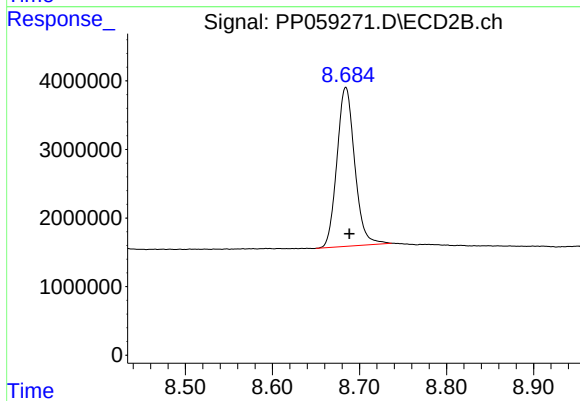
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: -0.001 min
Response: 38468889
Conc: 18.99 ng/ml



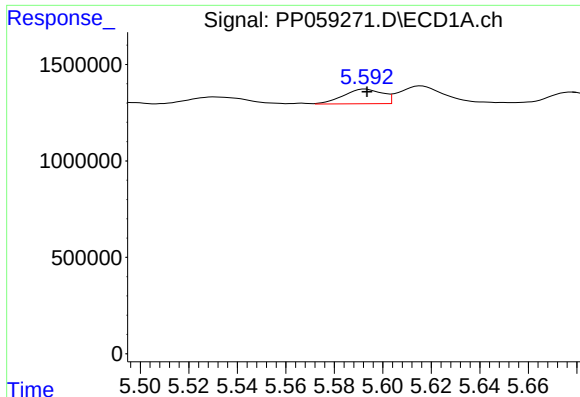
#2 Decachlorobiphenyl

R.T.: 10.210 min
Delta R.T.: -0.001 min
Response: 17158372
Conc: 22.48 ng/ml



#2 Decachlorobiphenyl

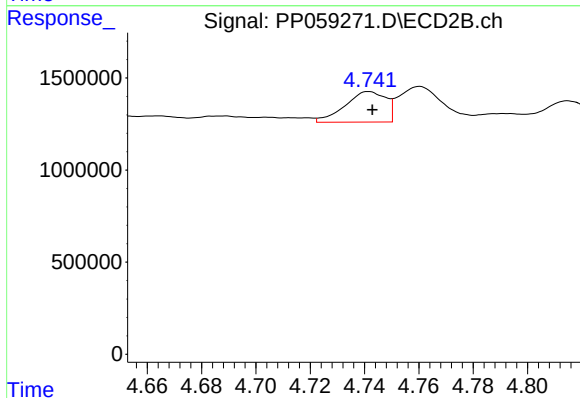
R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 32852180
Conc: 23.35 ng/ml



#3 AR-1016-1

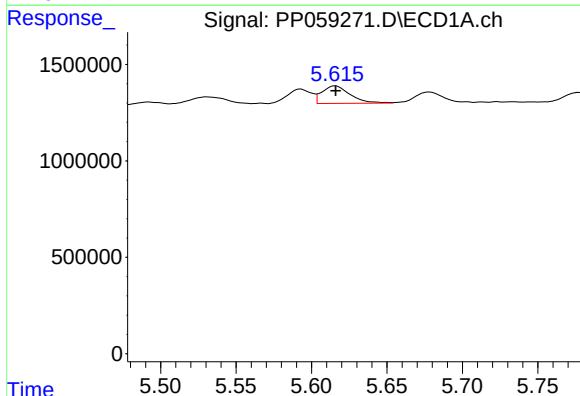
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 849942
Conc: 21.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



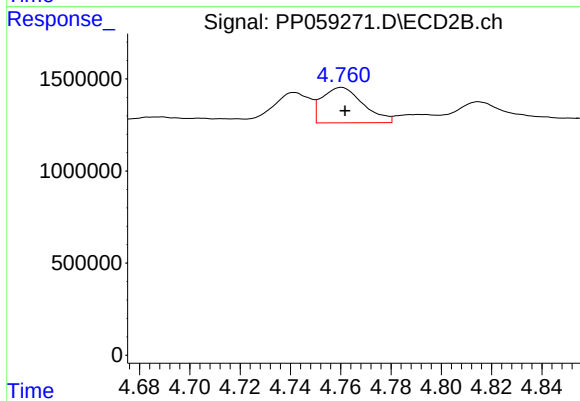
#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 1733038
Conc: 27.02 ng/ml



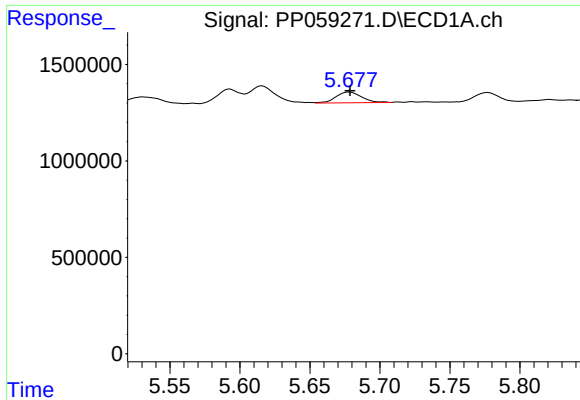
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 1179326
Conc: 20.80 ng/ml



#4 AR-1016-2

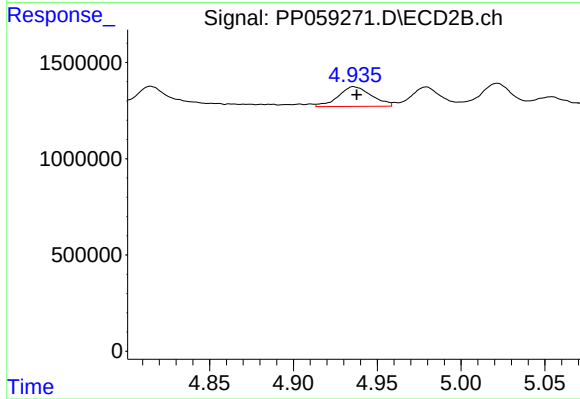
R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 2186390
Conc: 24.07 ng/ml



#5 AR-1016-3

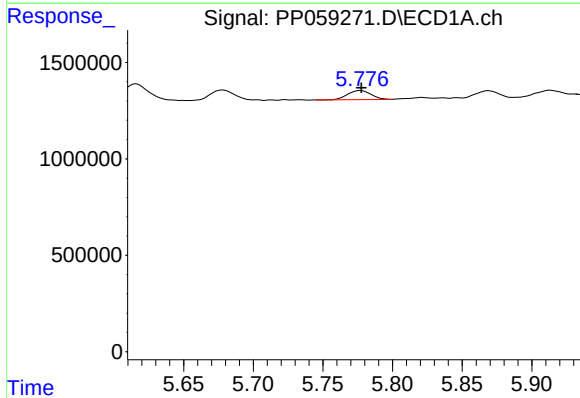
R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 702814
Conc: 19.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



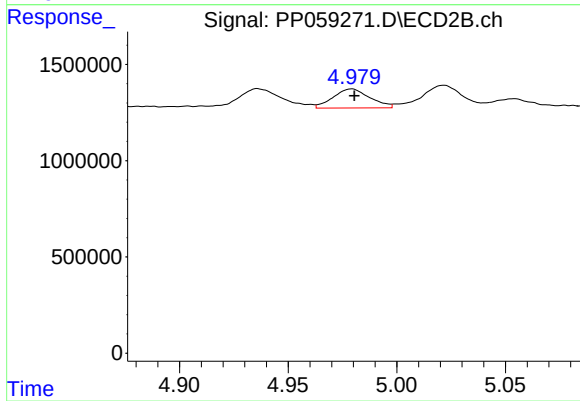
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 1423408
Conc: 29.62 ng/ml



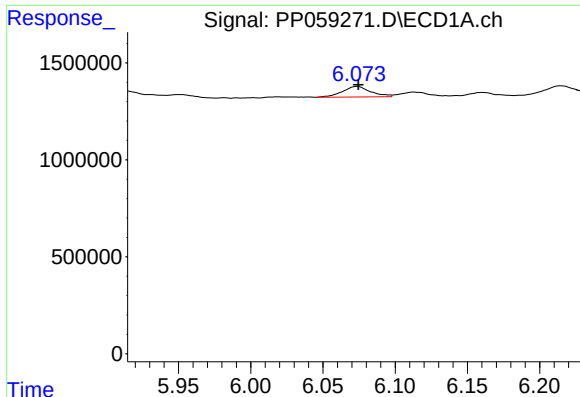
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 549103
Conc: 18.96 ng/ml



#6 AR-1016-4

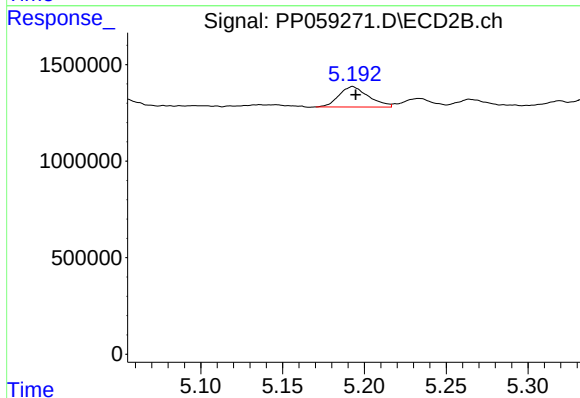
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 1164281
Conc: 28.20 ng/ml



#7 AR-1016-5

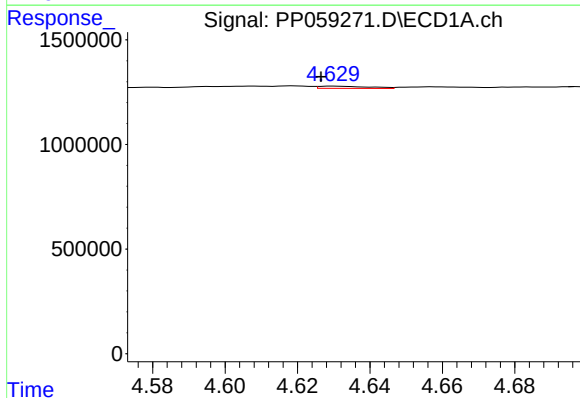
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 743612
Conc: 24.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



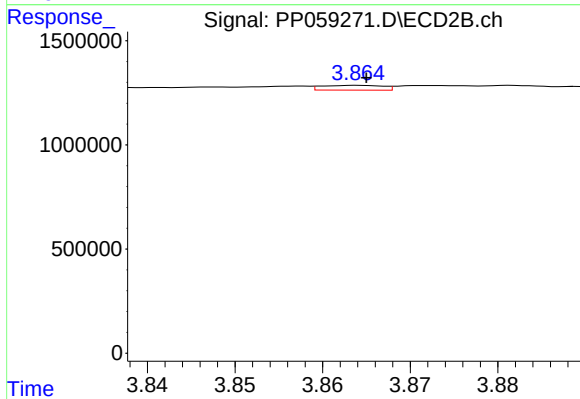
#7 AR-1016-5

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 1322101
Conc: 25.41 ng/ml



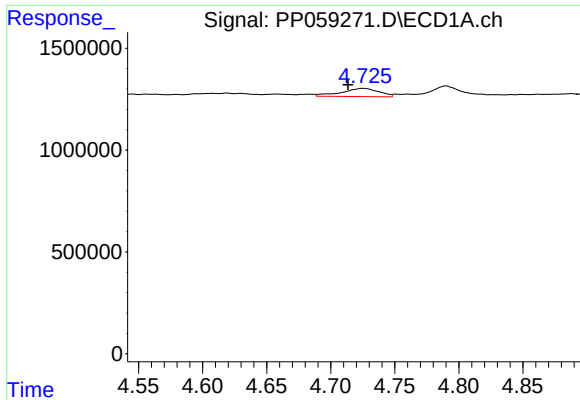
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: 0.003 min
Response: 101639
Conc: 6.45 ng/ml



#8 AR-1221-1

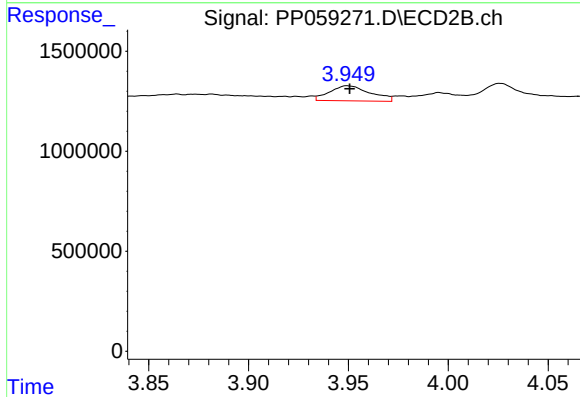
R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 109995
Conc: 4.05 ng/ml



#9 AR-1221-2

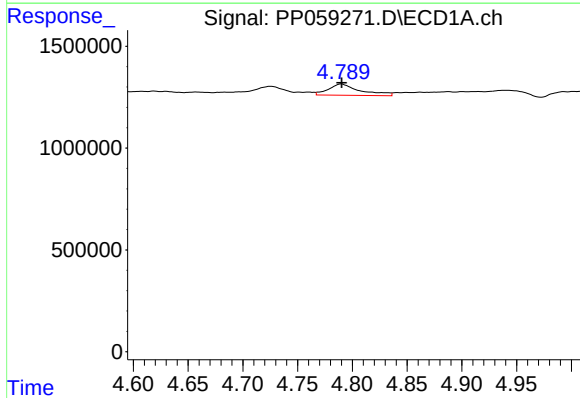
R.T.: 4.726 min
Delta R.T.: 0.012 min
Response: 811115
Conc: 68.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



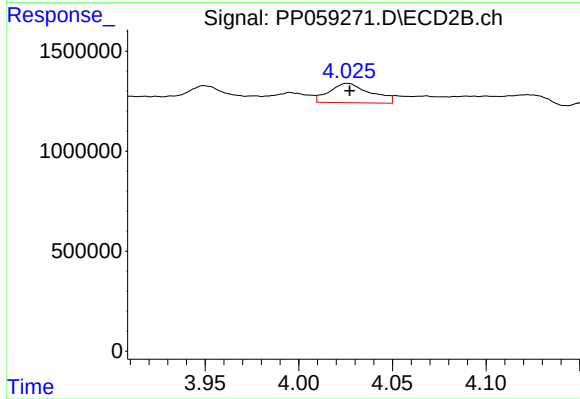
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: -0.002 min
Response: 1064369
Conc: 53.46 ng/ml



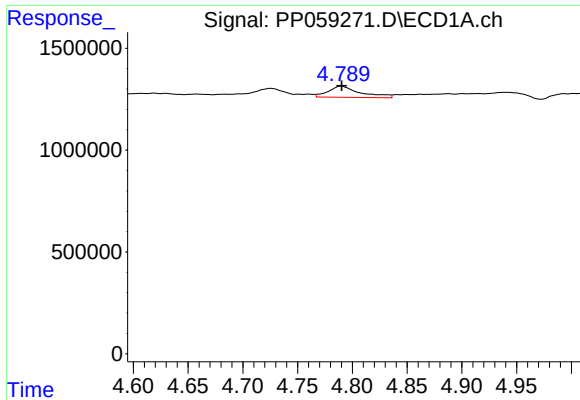
#10 AR-1221-3

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 1111589
Conc: 31.57 ng/ml



#10 AR-1221-3

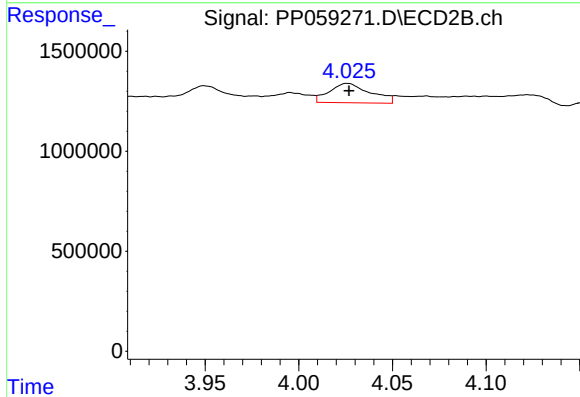
R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 1476136
Conc: 24.80 ng/ml



#11 AR-1232-1

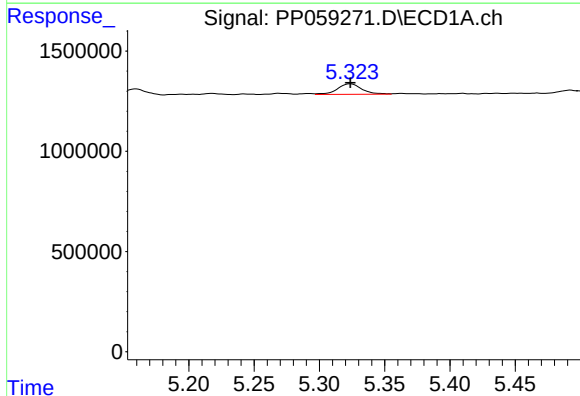
R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 1111589
Conc: 37.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



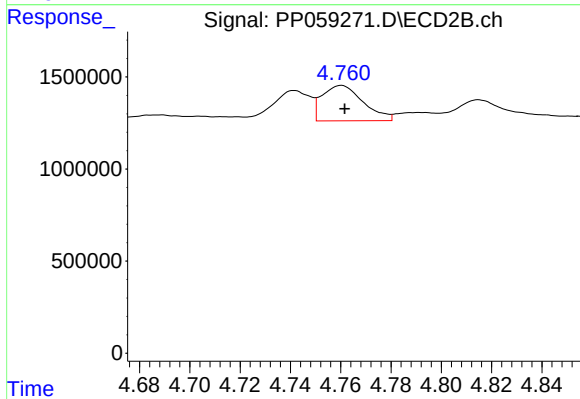
#11 AR-1232-1

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 1476136
Conc: 31.11 ng/ml



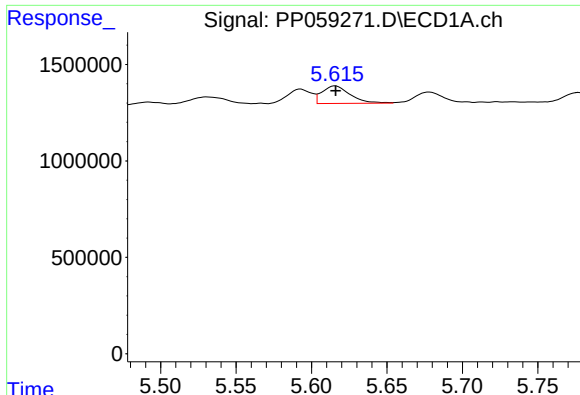
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 683302
Conc: 43.84 ng/ml



#12 AR-1232-2

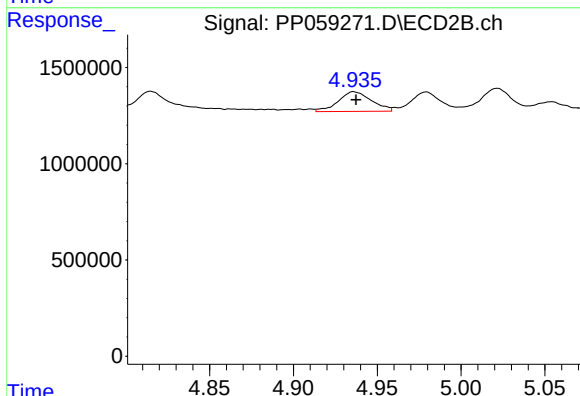
R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 2186390
Conc: 51.54 ng/ml



#13 AR-1232-3

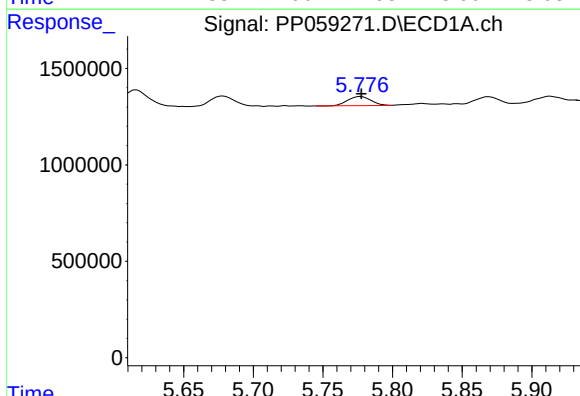
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 1179326
Conc: 44.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



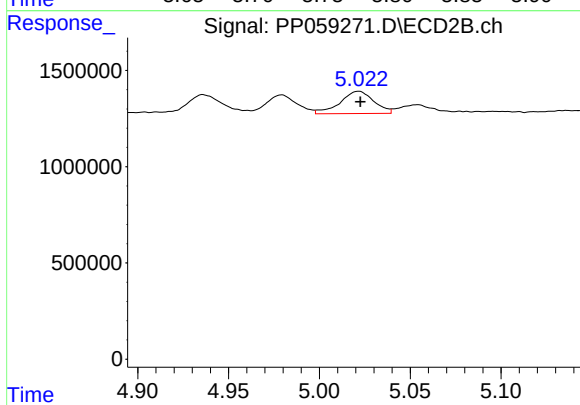
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 1423408
Conc: 64.15 ng/ml



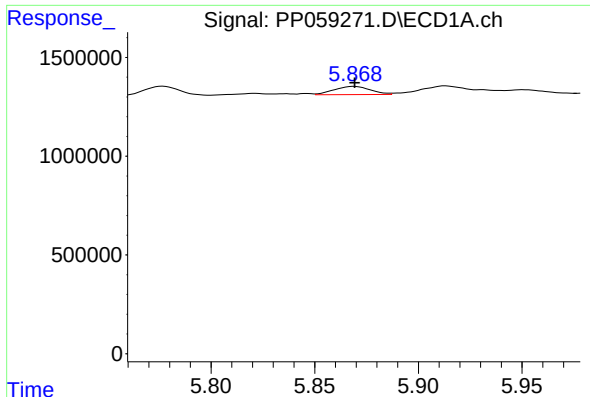
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 549103
Conc: 41.49 ng/ml



#14 AR-1232-4

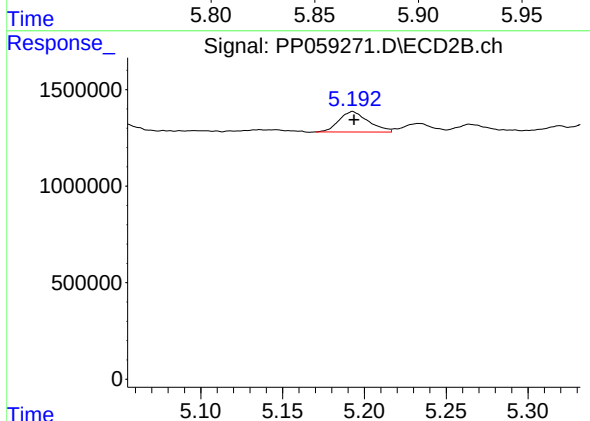
R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 1494739
Conc: 70.79 ng/ml



#15 AR-1232-5

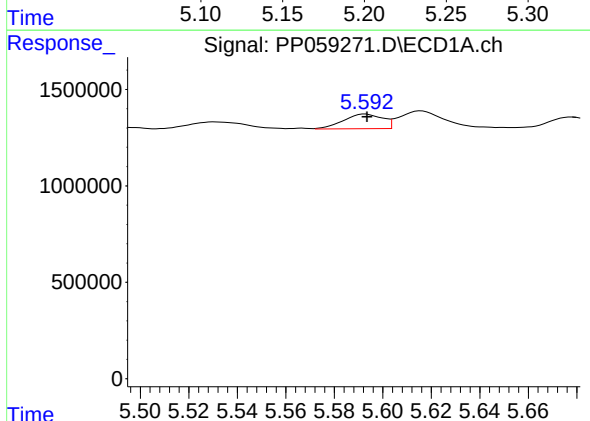
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 509860
Conc: 44.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



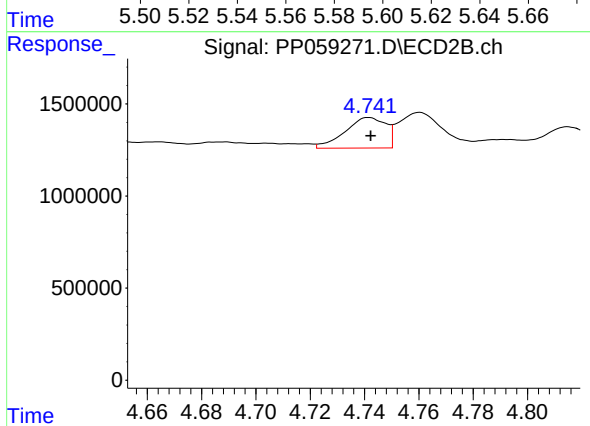
#15 AR-1232-5

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 1322101
Conc: 57.68 ng/ml



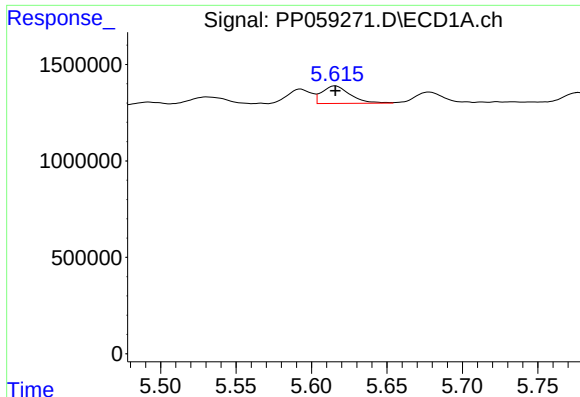
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 849942
Conc: 24.83 ng/ml



#16 AR-1242-1

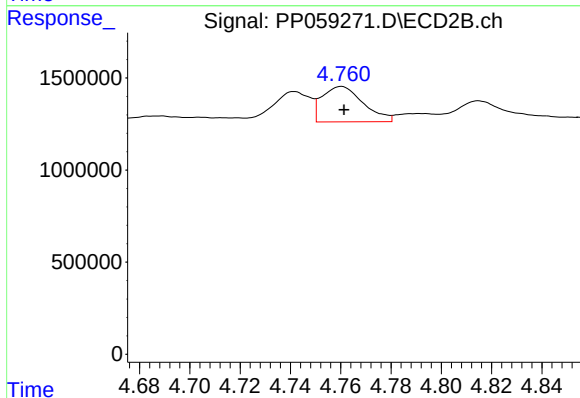
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 1733038
Conc: 30.97 ng/ml



#17 AR-1242-2

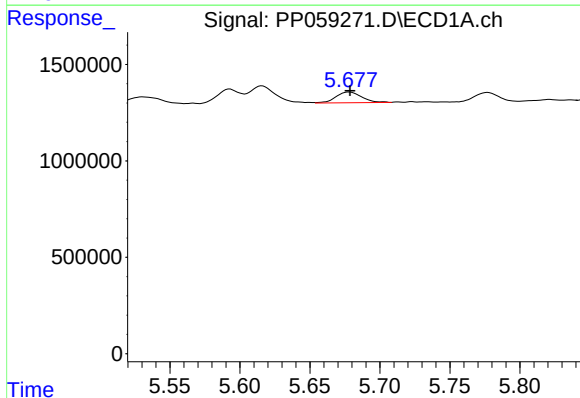
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 1179326
Conc: 24.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



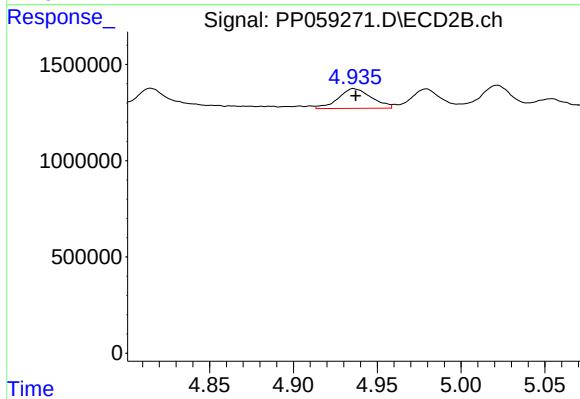
#17 AR-1242-2

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 2186390
Conc: 27.42 ng/ml



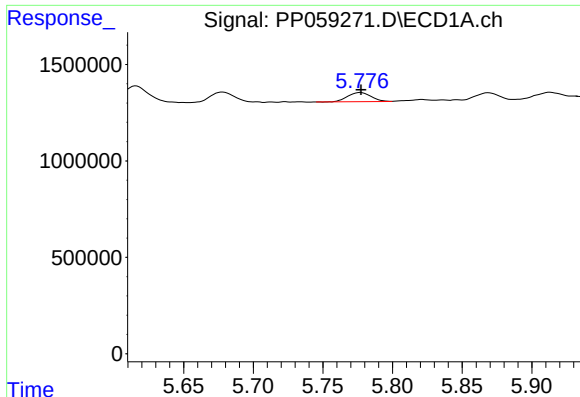
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 702814
Conc: 22.37 ng/ml



#18 AR-1242-3

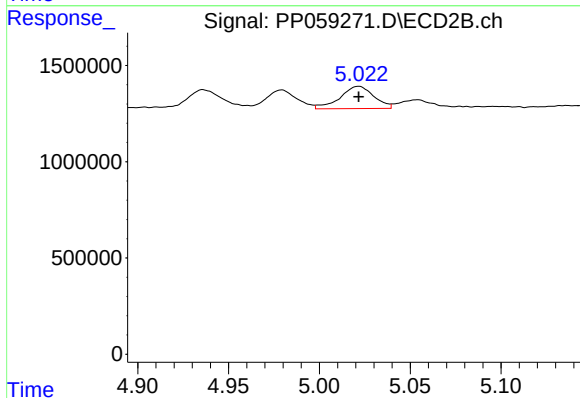
R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 1423408
Conc: 33.40 ng/ml



#19 AR-1242-4

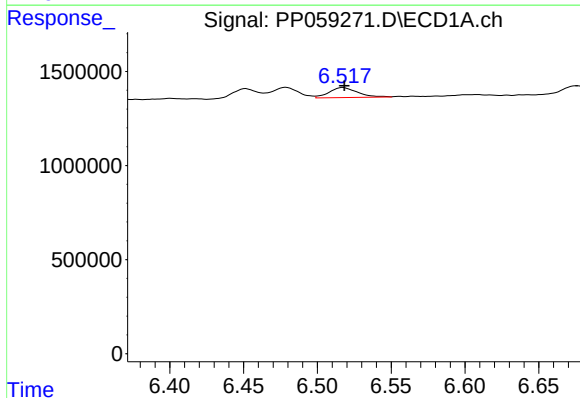
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 549103
Conc: 21.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



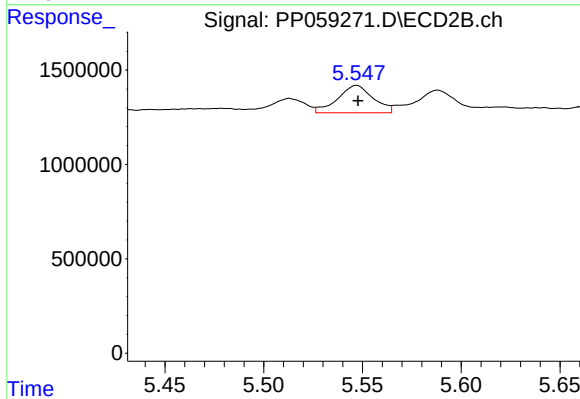
#19 AR-1242-4

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 1494739
Conc: 34.23 ng/ml



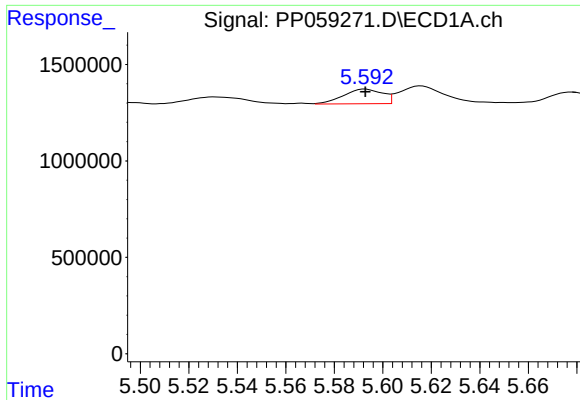
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: -0.001 min
Response: 709054
Conc: 27.45 ng/ml



#20 AR-1242-5

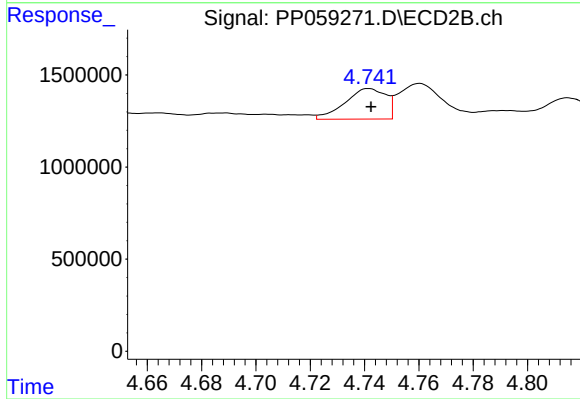
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 1817624
Conc: 36.59 ng/ml



#21 AR-1248-1

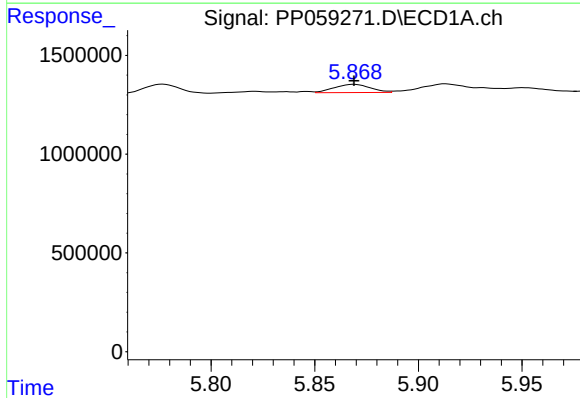
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 849942
Conc: 33.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



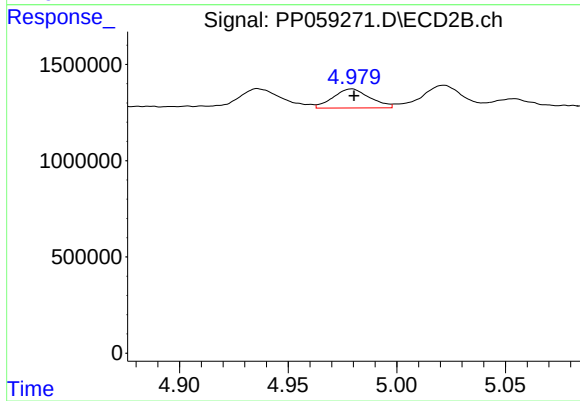
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 1733038
Conc: 42.13 ng/ml



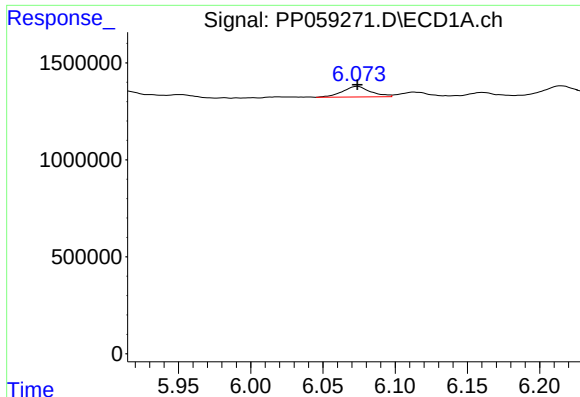
#22 AR-1248-2

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 509860
Conc: 13.17 ng/ml



#22 AR-1248-2

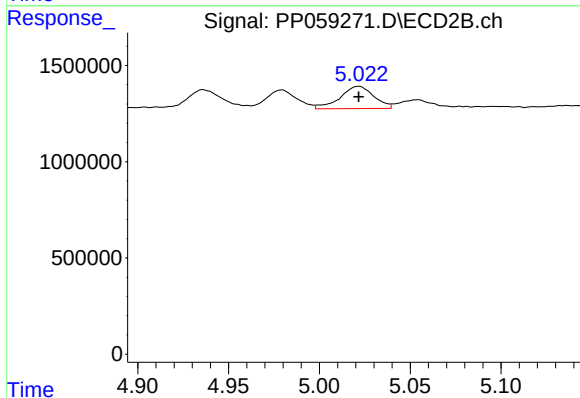
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 1164281
Conc: 19.33 ng/ml



#23 AR-1248-3

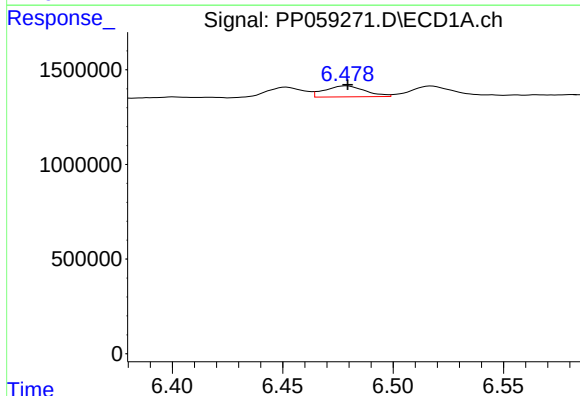
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 743612
Conc: 17.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



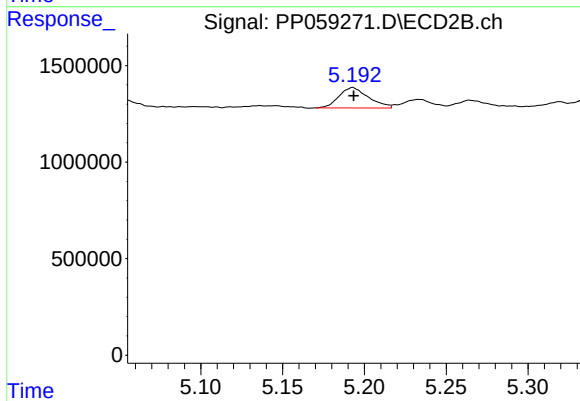
#23 AR-1248-3

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 1494739
Conc: 24.26 ng/ml



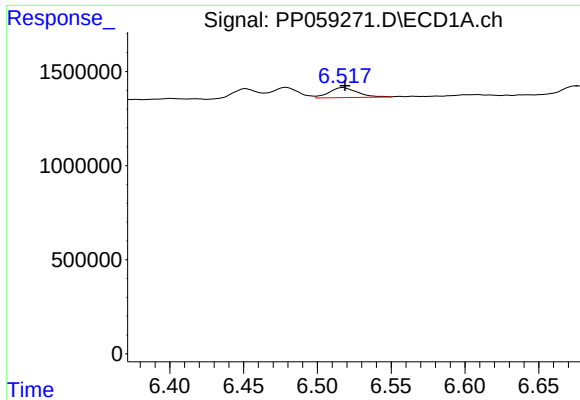
#24 AR-1248-4

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 737203
Conc: 17.71 ng/ml



#24 AR-1248-4

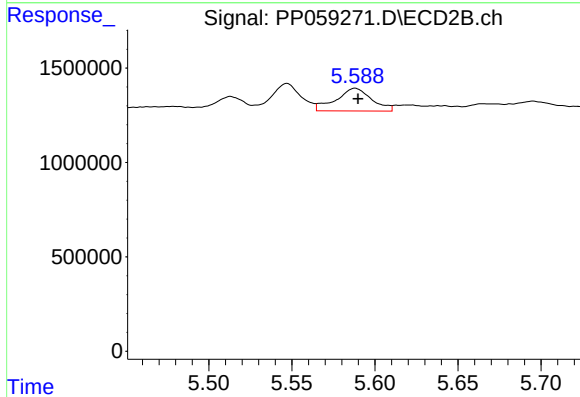
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 1322101
Conc: 18.36 ng/ml



#25 AR-1248-5

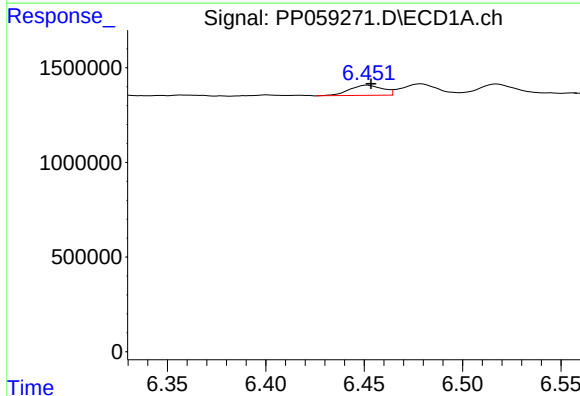
R.T.: 6.517 min
Delta R.T.: -0.001 min
Response: 709054
Conc: 17.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



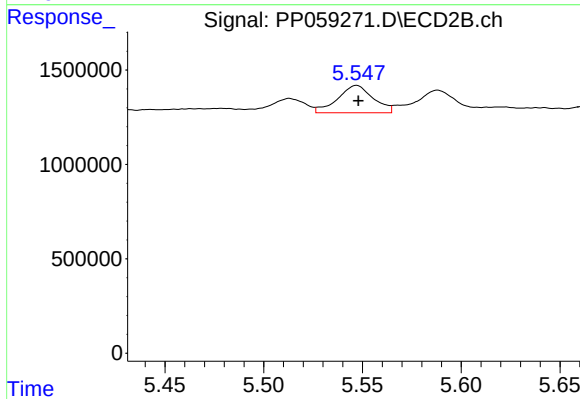
#25 AR-1248-5

R.T.: 5.588 min
Delta R.T.: -0.002 min
Response: 1799149
Conc: 27.27 ng/ml



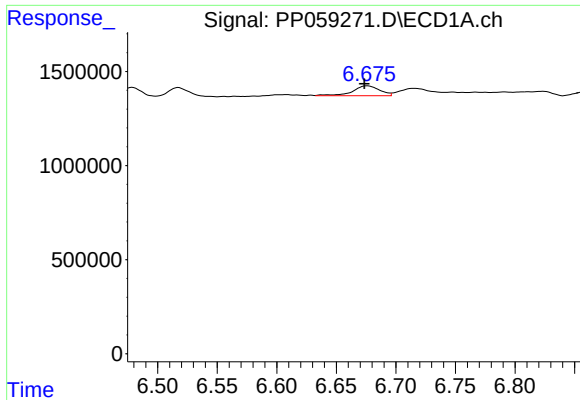
#26 AR-1254-1

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 633141
Conc: 13.55 ng/ml



#26 AR-1254-1

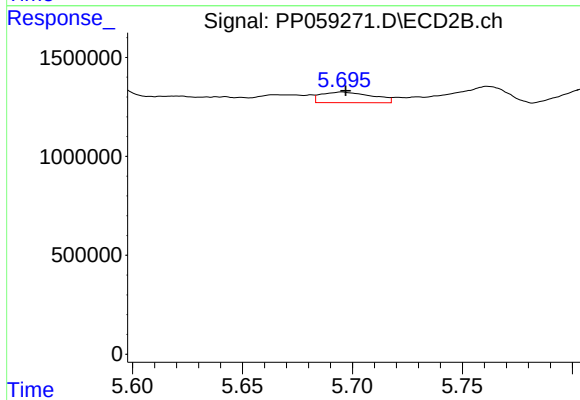
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 1817624
Conc: 17.94 ng/ml



#27 AR-1254-2

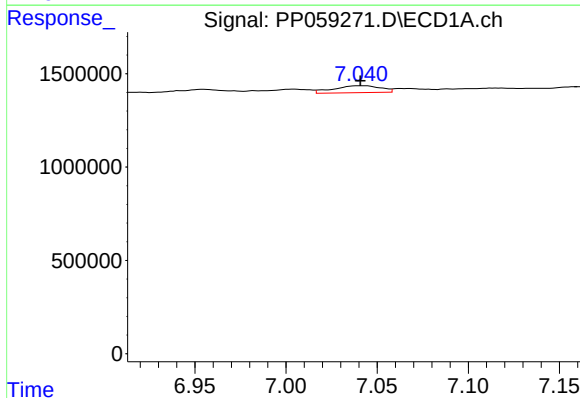
R.T.: 6.676 min
Delta R.T.: 0.003 min
Response: 823594
Conc: 11.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



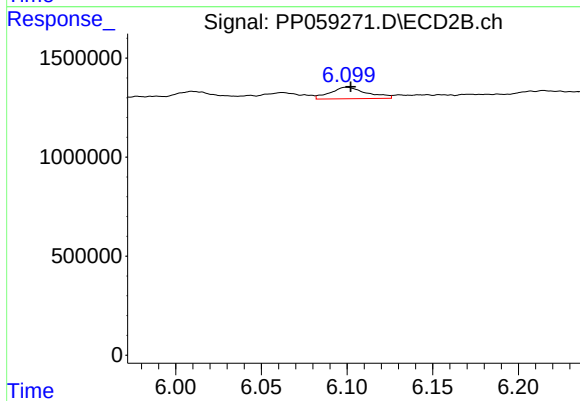
#27 AR-1254-2

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 866500
Conc: 9.82 ng/ml



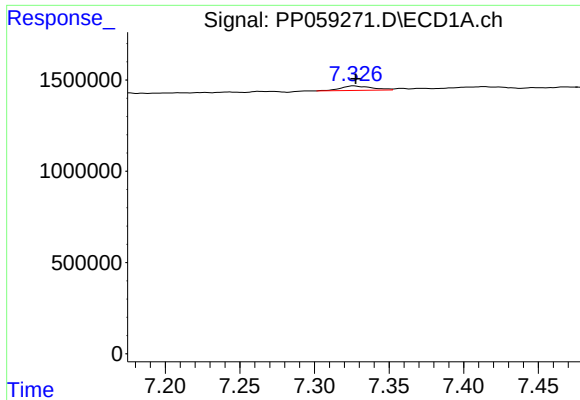
#28 AR-1254-3

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 663156
Conc: 9.61 ng/ml



#28 AR-1254-3

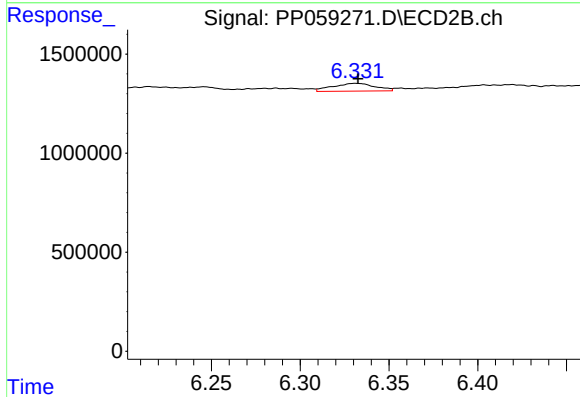
R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 864393
Conc: 6.25 ng/ml



#29 AR-1254-4

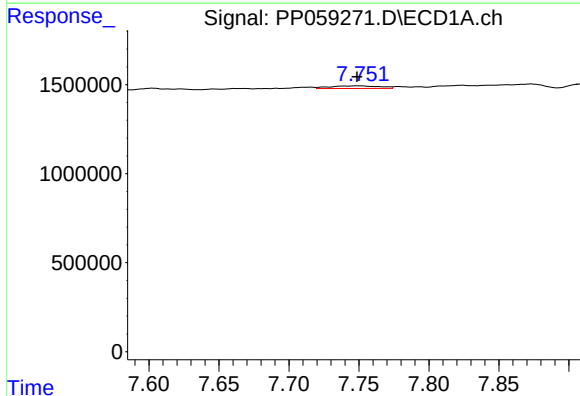
R.T.: 7.326 min
Delta R.T.: -0.001 min
Response: 360937
Conc: 8.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



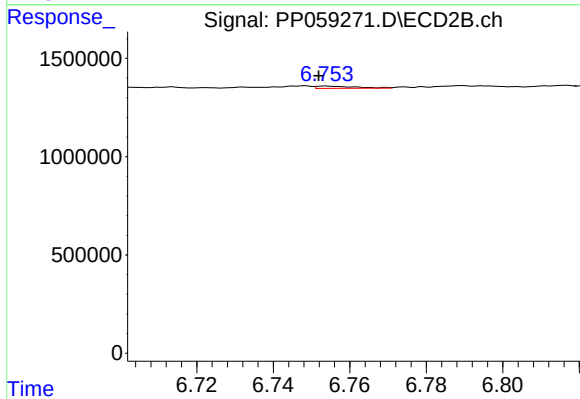
#29 AR-1254-4

R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 645595
Conc: 8.03 ng/ml



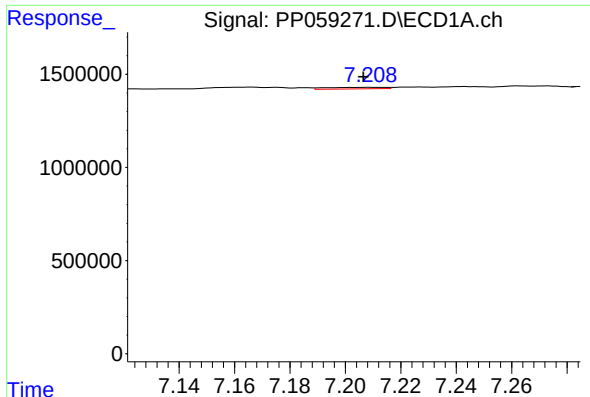
#30 AR-1254-5

R.T.: 7.751 min
Delta R.T.: 0.002 min
Response: 366579
Conc: 7.80 ng/ml



#30 AR-1254-5

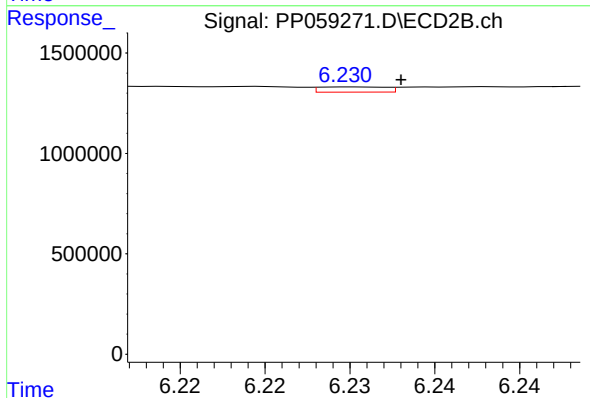
R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 83923
Conc: 0.70 ng/ml



#31 AR-1260-1

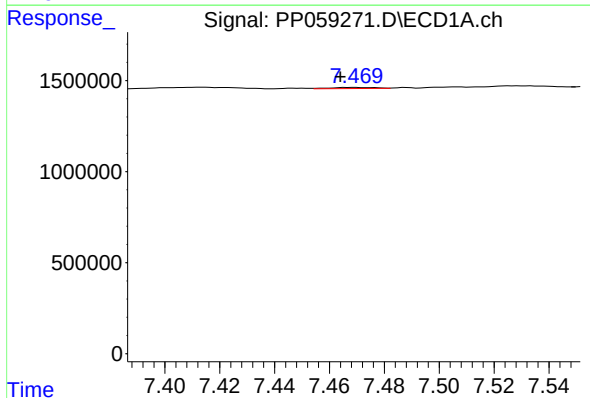
R.T.: 7.209 min
Delta R.T.: 0.003 min
Response: 122841
Conc: 2.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



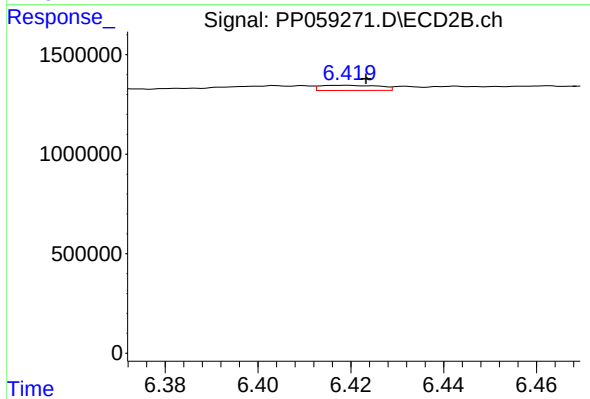
#31 AR-1260-1

R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 70605
Conc: 0.71 ng/ml



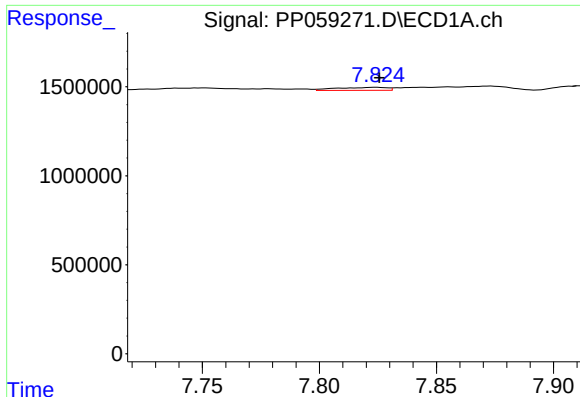
#32 AR-1260-2

R.T.: 7.469 min
Delta R.T.: 0.005 min
Response: 70579
Conc: 1.19 ng/ml



#32 AR-1260-2

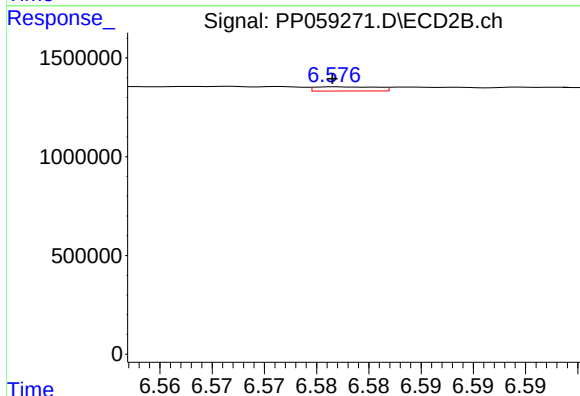
R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 228354
Conc: 1.97 ng/ml



#33 AR-1260-3

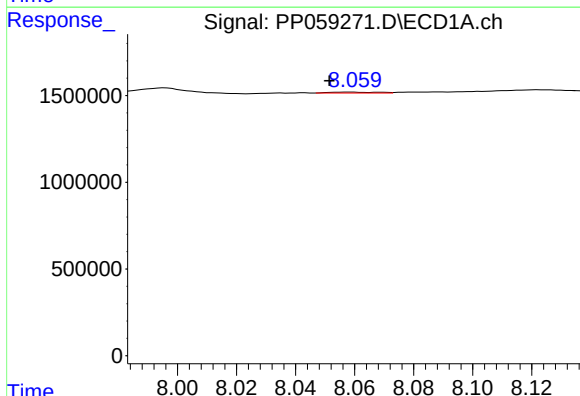
R.T.: 7.824 min
Delta R.T.: -0.001 min
Response: 251722
Conc: 6.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



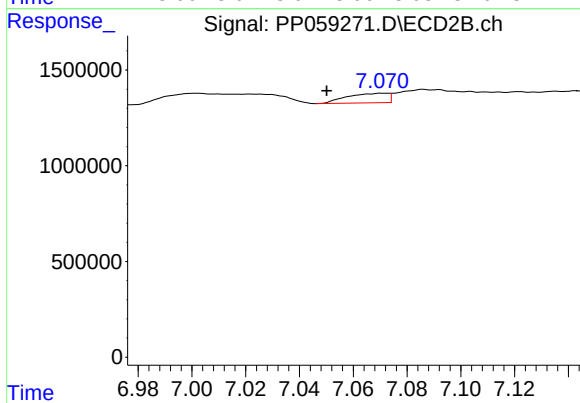
#33 AR-1260-3

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 87794
Conc: 0.79 ng/ml



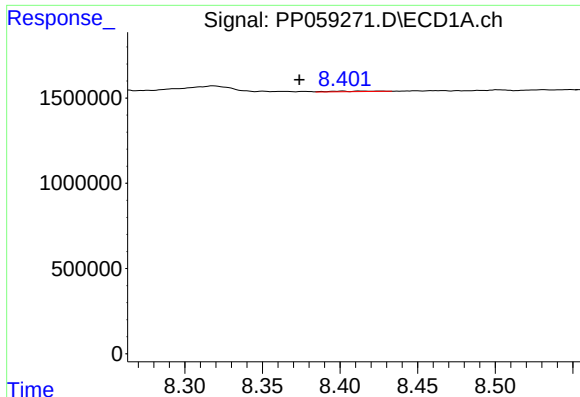
#34 AR-1260-4

R.T.: 8.058 min
Delta R.T.: 0.007 min
Response: 60907
Conc: 1.37 ng/ml



#34 AR-1260-4

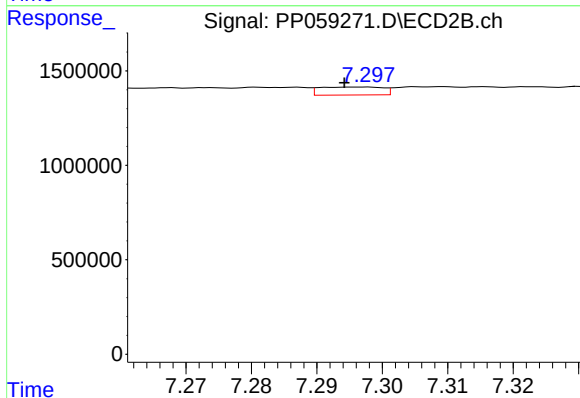
R.T.: 7.071 min
Delta R.T.: 0.021 min
Response: 532261
Conc: 6.14 ng/ml



#35 AR-1260-5

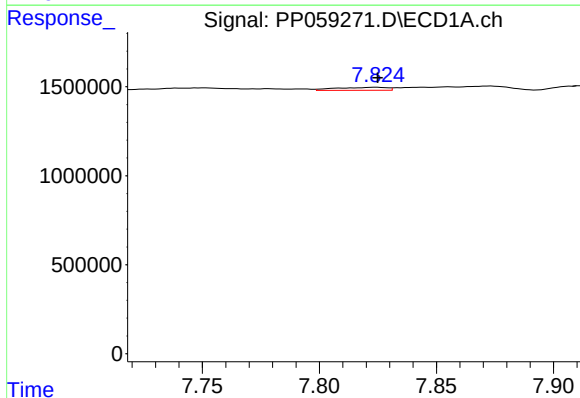
R.T.: 8.401 min
Delta R.T.: 0.028 min
Response: 66446
Conc: 0.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



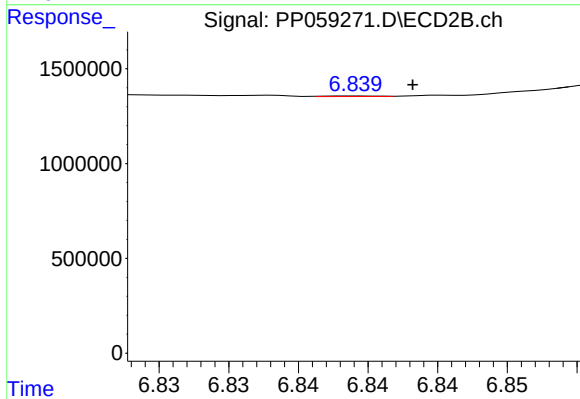
#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.003 min
Response: 282253
Conc: 1.53 ng/ml



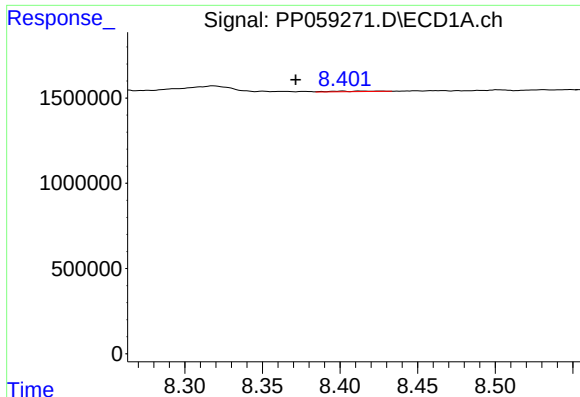
#36 AR-1262-1

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 251722
Conc: 3.95 ng/ml



#36 AR-1262-1

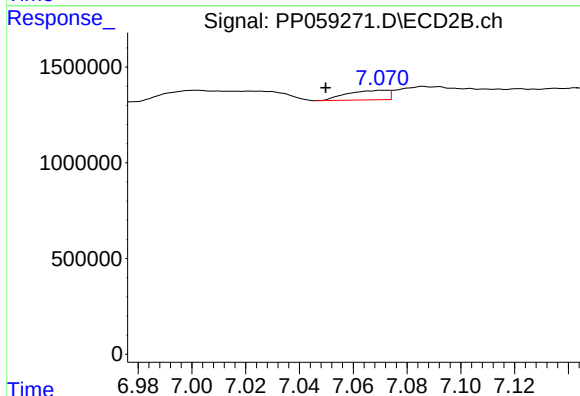
R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 7782
Conc: 0.14 ng/ml



#37 AR-1262-2

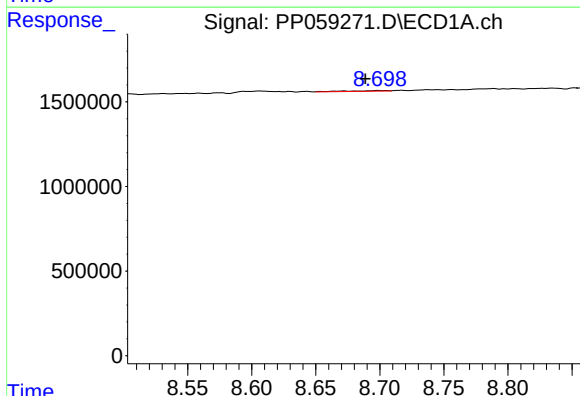
R.T.: 8.401 min
Delta R.T.: 0.030 min
Response: 66446
Conc: 0.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



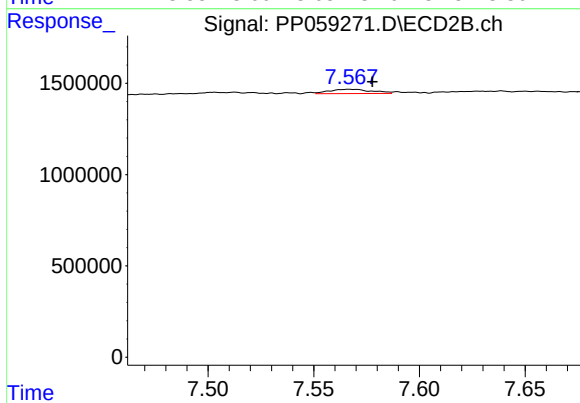
#37 AR-1262-2

R.T.: 7.071 min
Delta R.T.: 0.021 min
Response: 532261
Conc: 4.51 ng/ml



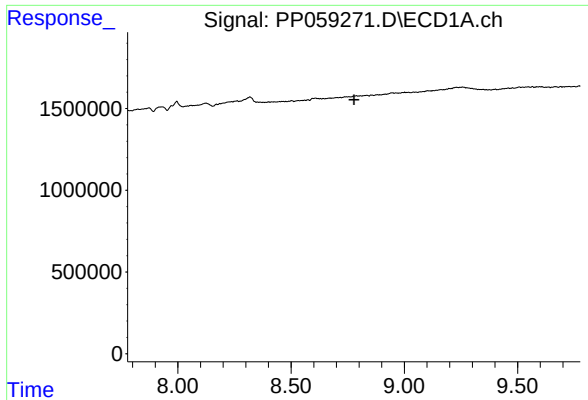
#38 AR-1262-3

R.T.: 8.700 min
Delta R.T.: 0.011 min
Response: 73935
Conc: 1.15 ng/ml



#38 AR-1262-3

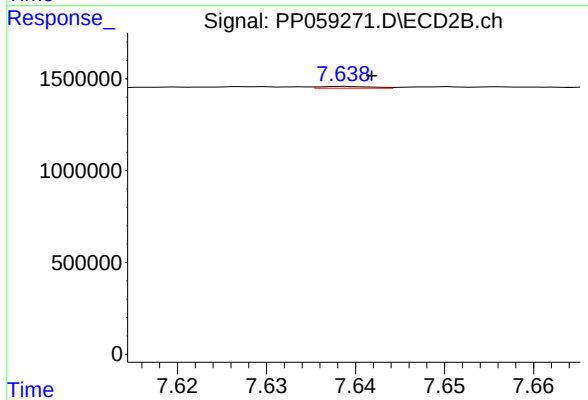
R.T.: 7.567 min
Delta R.T.: -0.011 min
Response: 322352
Conc: 3.79 ng/ml



#39 AR-1262-4

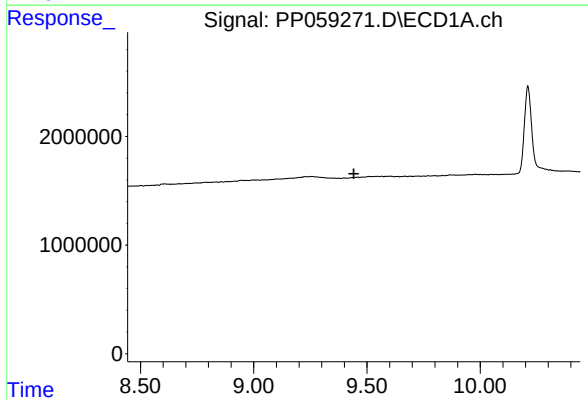
R.T.: 0.000 min
Exp R.T.: 8.778 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



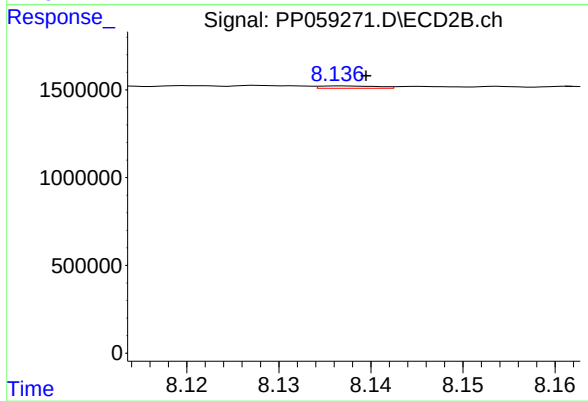
#39 AR-1262-4

R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 39367
Conc: 0.26 ng/ml



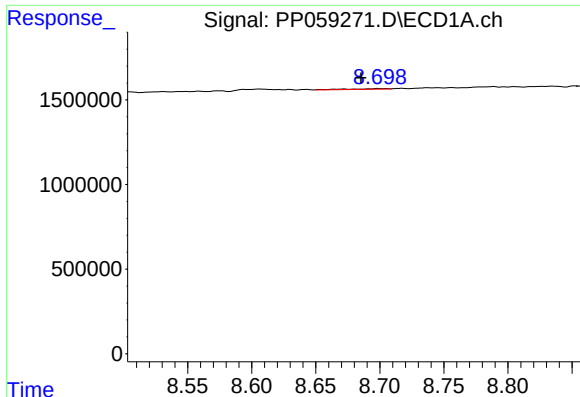
#40 AR-1262-5

R.T.: 9.459 min
Delta R.T.: 0.017 min
Response: -14500
Conc: N.D.



#40 AR-1262-5

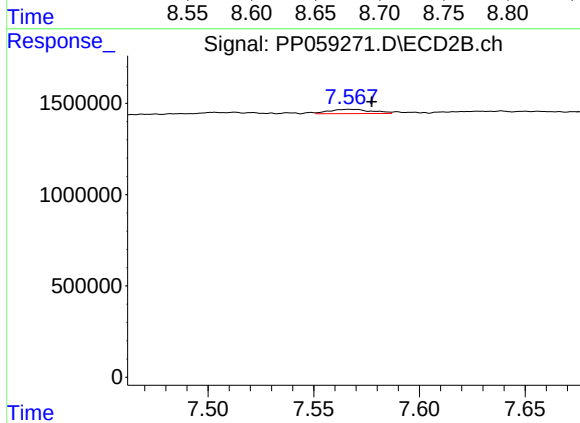
R.T.: 8.137 min
Delta R.T.: -0.003 min
Response: 58835
Conc: 0.92 ng/ml



#41 AR-1268-1

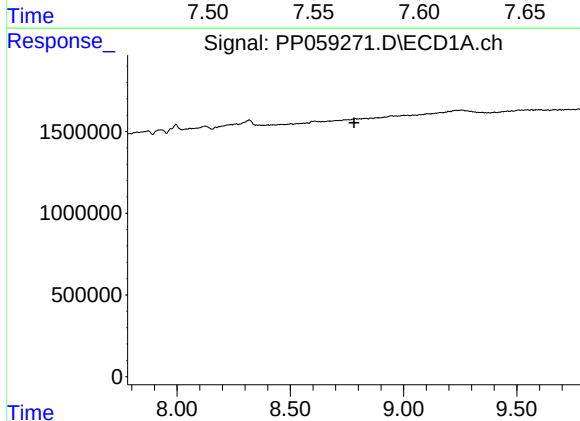
R.T.: 8.700 min
Delta R.T.: 0.015 min
Response: 73935
Conc: 0.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



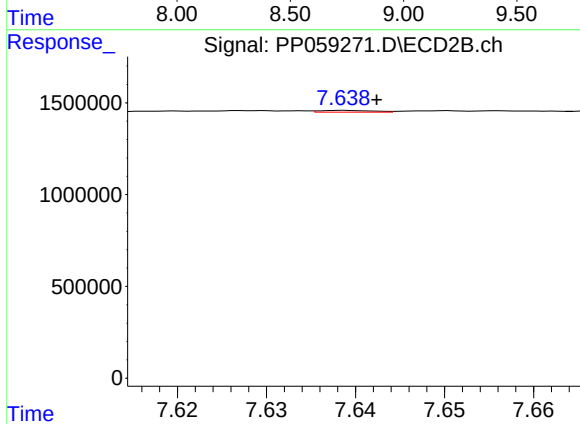
#41 AR-1268-1

R.T.: 7.567 min
Delta R.T.: -0.011 min
Response: 322352
Conc: 1.32 ng/ml



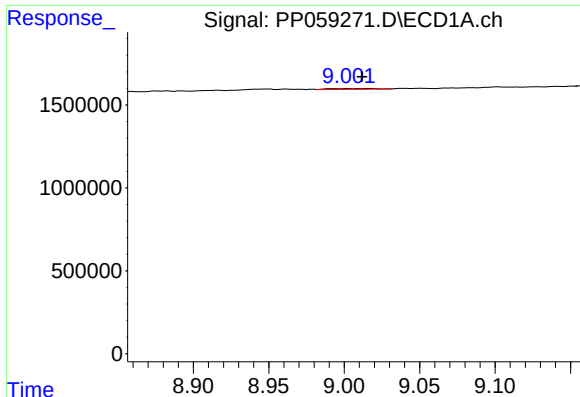
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.781 min
Response: 0
Conc: N.D.



#42 AR-1268-2

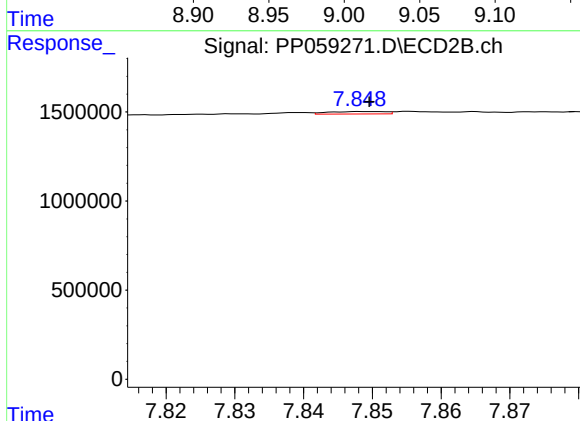
R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 39367
Conc: 0.18 ng/ml



#43 AR-1268-3

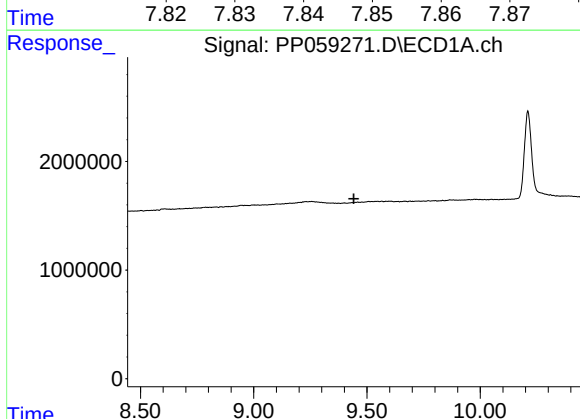
R.T.: 9.002 min
Delta R.T.: -0.010 min
Response: 100123
Conc: 1.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



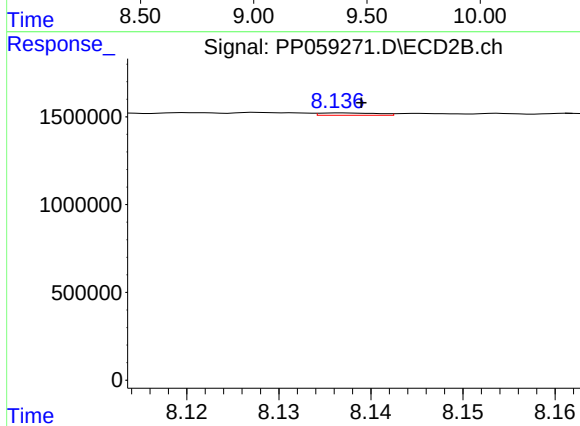
#43 AR-1268-3

R.T.: 7.848 min
Delta R.T.: -0.001 min
Response: 78558
Conc: 0.40 ng/ml



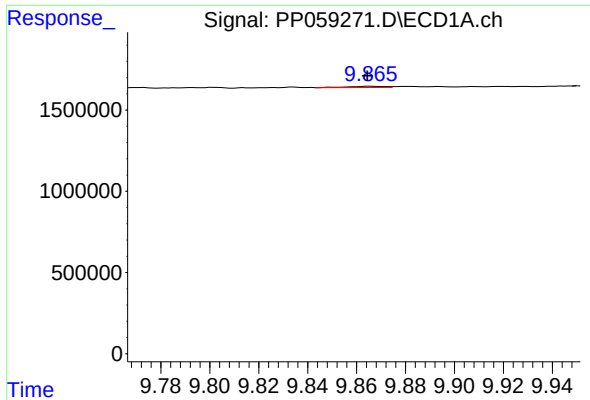
#44 AR-1268-4

R.T.: 9.459 min
Delta R.T.: 0.017 min
Response: -14500
Conc: N.D.



#44 AR-1268-4

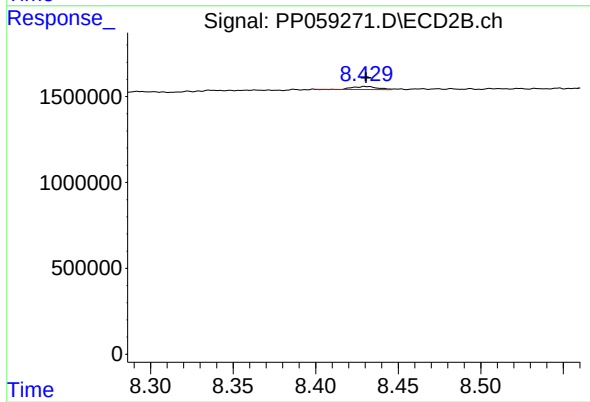
R.T.: 8.137 min
Delta R.T.: -0.002 min
Response: 58835
Conc: 0.85 ng/ml



#45 AR-1268-5

R.T.: 9.866 min
Delta R.T.: 0.002 min
Response: 75971
Conc: 0.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 177464
Conc: 0.34 ng/ml