

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP051723\
 Data File : PP057680.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2023 19:39
 Operator : YP\AJ
 Sample : 02812-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 21:48:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP050823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 08 19:18:05 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...	4.387	3.624	42517173	39432923	19.380	17.384
2)	SA Decachlor...	10.216	8.686	17407845	20885834	15.361	13.305
Target Compounds							
3)	L1 AR-1016-1	0.000	4.720	0	2642167	N.D.	35.456 #
4)	L1 AR-1016-2	5.615f	4.720f	1837520	2642167	20.438	25.561 #
5)	L1 AR-1016-3	5.665	4.919	333999	2310116	5.907	39.184 #
6)	L1 AR-1016-4	5.754	4.964	631870	2892113	13.682	61.483 #
7)	L1 AR-1016-5	6.031f	5.166	4347664	606506	93.224	10.215 #
8)	L2 AR-1221-1	4.571f	3.846	1997493	421277	69.028	14.286 #
9)	L2 AR-1221-2	4.695	3.927	3611062	3188607	166.612	143.148
10)	L2 AR-1221-3	4.773	4.023f	907399	1006328	15.063	15.795
11)	L3 AR-1232-1	4.773	4.023f	907399	1006328	20.716	21.806
12)	L3 AR-1232-2	5.305	4.720f	3178740	2642167	121.890	55.834 #
13)	L3 AR-1232-3	5.615f	4.919	1837520	2310116	45.023	84.873 #
14)	L3 AR-1232-4	5.754	5.023f	631870	1816651	29.673	74.518 #
15)	L3 AR-1232-5	5.848	5.166	1116028	606506	61.109	21.933 #
16)	L4 AR-1242-1	0.000	4.720	0	2642167	N.D.	45.389 #
17)	L4 AR-1242-2	5.615f	4.720f	1837520	2642167	26.869	33.102
18)	L4 AR-1242-3	5.665	4.919	333999	2310116	7.671	49.258 #
19)	L4 AR-1242-4	5.754	5.023f	631870	1816651	17.932	39.152 #
20)	L4 AR-1242-5	6.505	5.535	2202644	2531430	67.980	45.277 #
21)	L5 AR-1248-1	0.000	4.720	0	2642167	N.D.	51.345 #
22)	L5 AR-1248-2	5.848	4.964	1116028	2892113	17.117	40.278 #
23)	L5 AR-1248-3	6.031f	5.023f	4347664	1816651	62.609	24.011 #
24)	L5 AR-1248-4	6.466	5.166	2471689	606506	38.674	6.799 #
25)	L5 AR-1248-5	6.505	5.578	2202644	3995625	34.331	48.058 #
26)	L6 AR-1254-1	6.422	5.535	5107030	2531430	76.090	22.671 #
27)	L6 AR-1254-2	6.650	5.684	10703750	1999872	113.150	20.038 #
28)	L6 AR-1254-3	7.051f	6.085	7565352	3134269	83.055	20.033 #
29)	L6 AR-1254-4	7.305	6.311	6882479	3149374	115.551	34.139 #
30)	L6 AR-1254-5	7.752f	6.738	18234461	20823016	265.607	143.845 #
31)	L7 AR-1260-1	7.184	6.222	7258469	2823193	92.000	25.678 #
32)	L7 AR-1260-2	7.435	6.409	4290870	3079290	53.557	24.228 #
33)	L7 AR-1260-3	7.813	6.563	1109709	2968100	19.477	24.205
34)	L7 AR-1260-4	8.043	7.020f	5759280	366792	86.680	4.198 #
35)	L7 AR-1260-5	8.391f	0.000	811391	0	7.556	N.D. #
36)	L8 AR-1262-1	7.813	6.842	1109709	640921	12.887	10.087
37)	L8 AR-1262-2	8.391f	7.020f	811391	366792	6.665	2.959 #
38)	L8 AR-1262-3	8.697f	7.565	284940	1333823	3.277	14.215 #
39)	L8 AR-1262-4	8.775	7.645	555352	1640112	8.285	9.628
41)	L9 AR-1268-1	8.697f	7.565	284940	1333823	1.830	5.067 #
42)	L9 AR-1268-2	8.775	7.645	555352	1640112	4.256	6.699 #

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 Acq On : 17 May 2023 19:39
 Operator : YP\AJ
 Sample : 02812-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

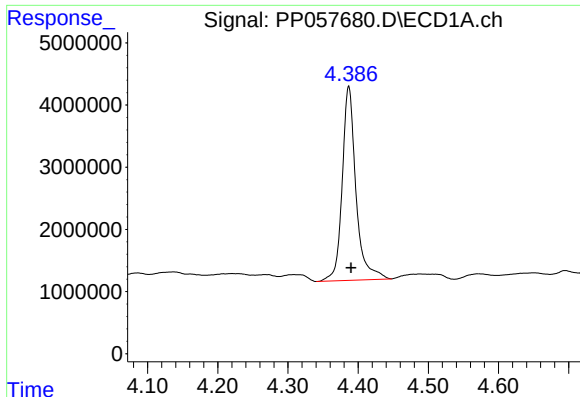
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 21:48:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP050823.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
43) L9	AR-1268-3	8.992f	7.860f	916647	792680	7.100	3.909 #
45) L9	AR-1268-5	9.864	8.425	261892	433414	0.801	0.838

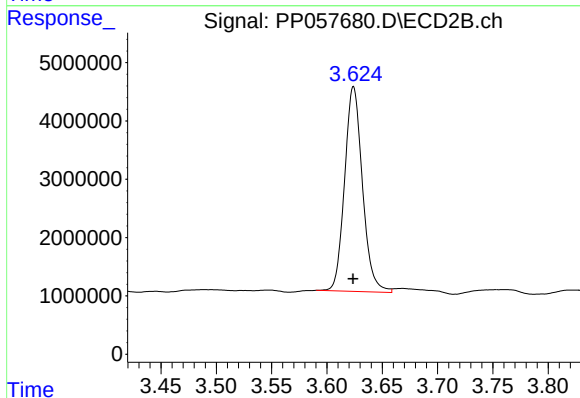
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

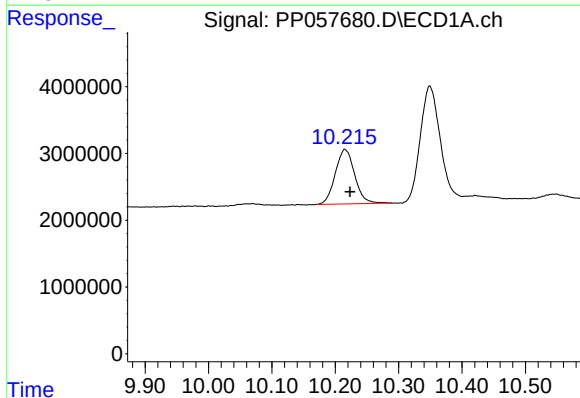
R.T.: 4.387 min
Delta R.T.: -0.003 min
Response: 42517173
Conc: 19.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



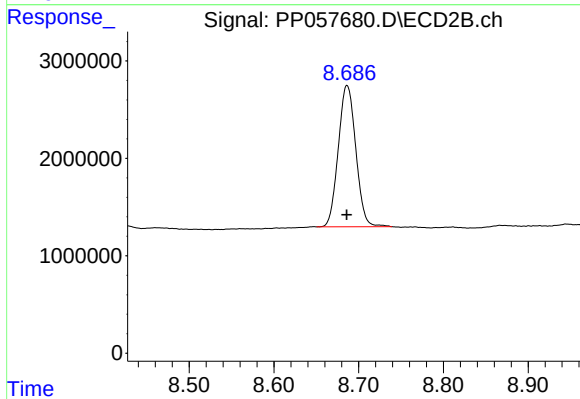
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 39432923
Conc: 17.38 ng/ml



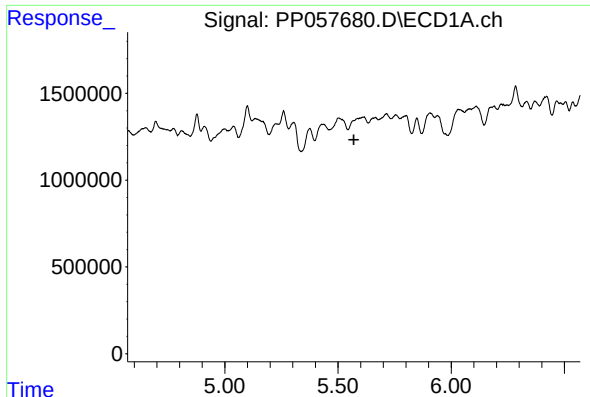
#2 Decachlorobiphenyl

R.T.: 10.216 min
Delta R.T.: -0.008 min
Response: 17407845
Conc: 15.36 ng/ml



#2 Decachlorobiphenyl

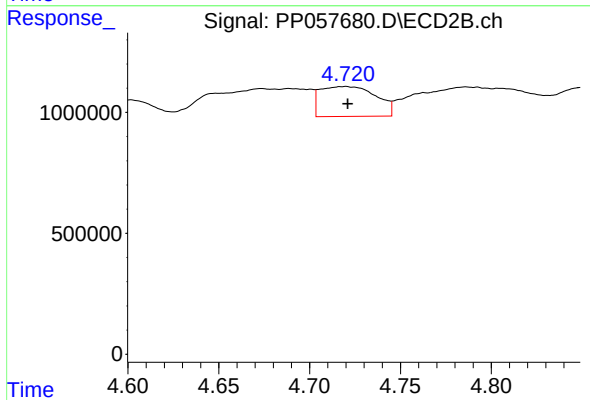
R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 20885834
Conc: 13.31 ng/ml



#3 AR-1016-1

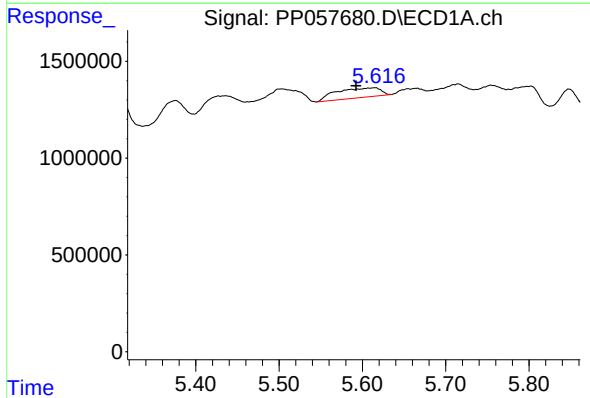
R.T.: 0.000 min
Exp R.T.: 5.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



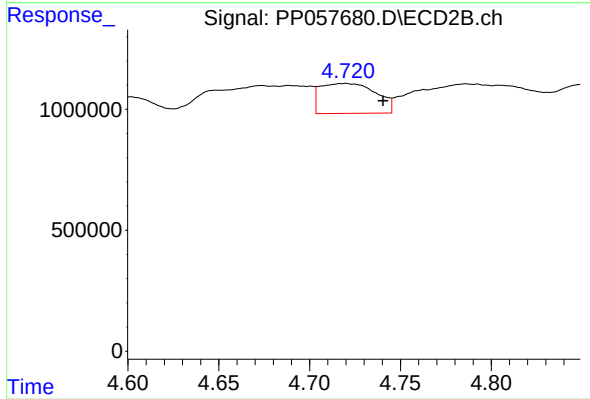
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.001 min
Response: 2642167
Conc: 35.46 ng/ml



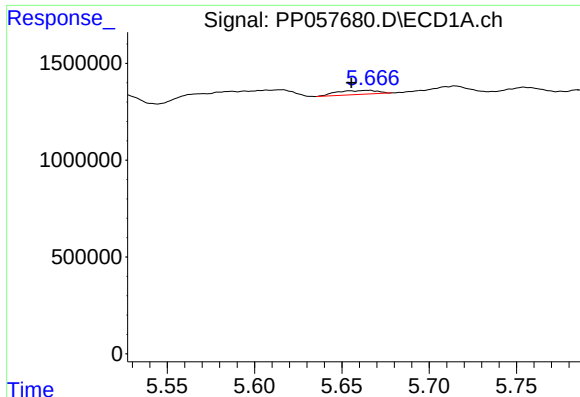
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.022 min
Response: 1837520
Conc: 20.44 ng/ml



#4 AR-1016-2

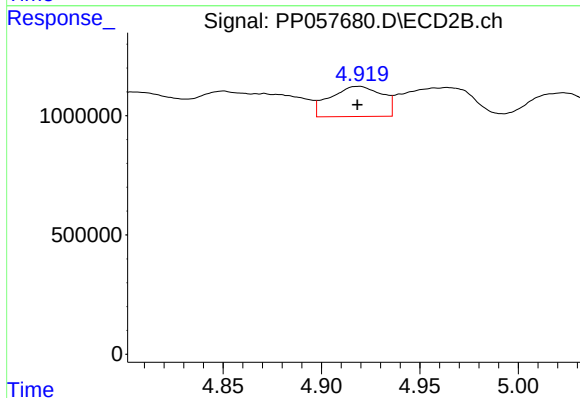
R.T.: 4.720 min
Delta R.T.: -0.021 min
Response: 2642167
Conc: 25.56 ng/ml



#5 AR-1016-3

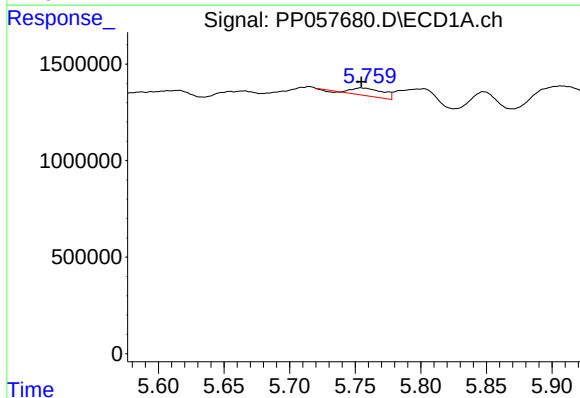
R.T.: 5.665 min
Delta R.T.: 0.010 min
Response: 333999
Conc: 5.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



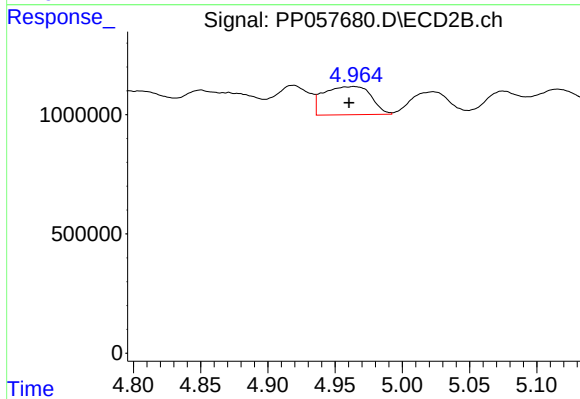
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 2310116
Conc: 39.18 ng/ml



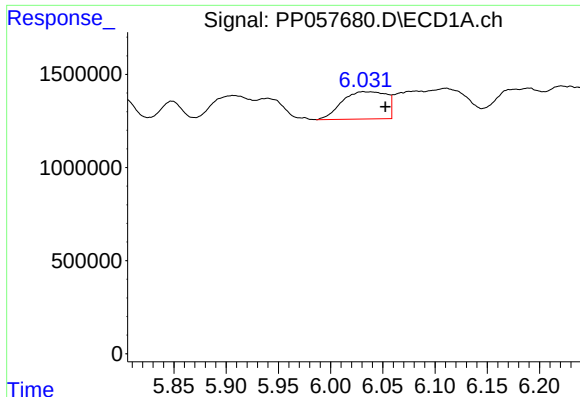
#6 AR-1016-4

R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 631870
Conc: 13.68 ng/ml



#6 AR-1016-4

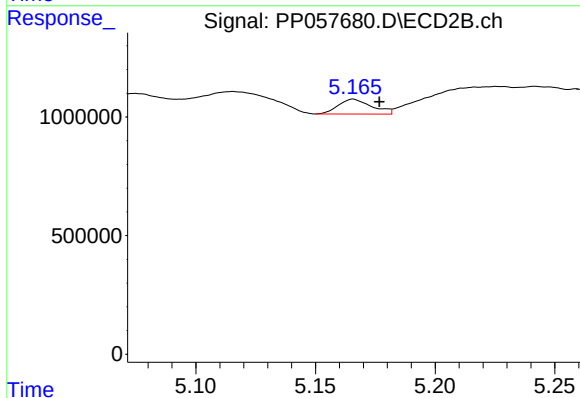
R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: 2892113
Conc: 61.48 ng/ml



#7 AR-1016-5

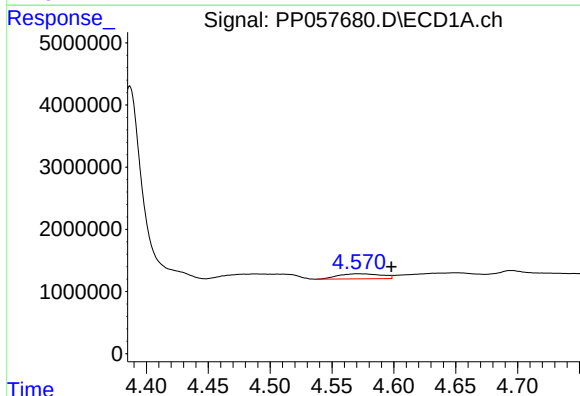
R.T.: 6.031 min
Delta R.T.: -0.021 min
Response: 4347664
Conc: 93.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



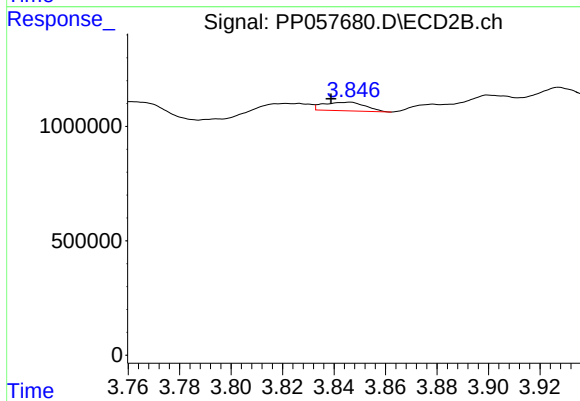
#7 AR-1016-5

R.T.: 5.166 min
Delta R.T.: -0.011 min
Response: 606506
Conc: 10.21 ng/ml



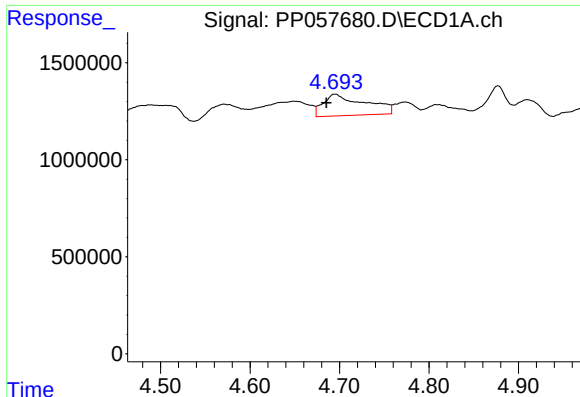
#8 AR-1221-1

R.T.: 4.571 min
Delta R.T.: -0.027 min
Response: 1997493
Conc: 69.03 ng/ml



#8 AR-1221-1

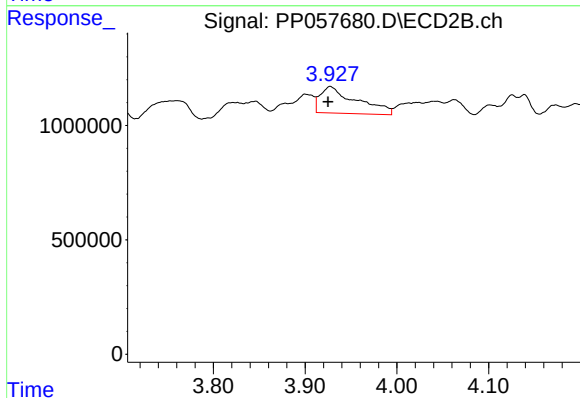
R.T.: 3.846 min
Delta R.T.: 0.007 min
Response: 421277
Conc: 14.29 ng/ml



#9 AR-1221-2

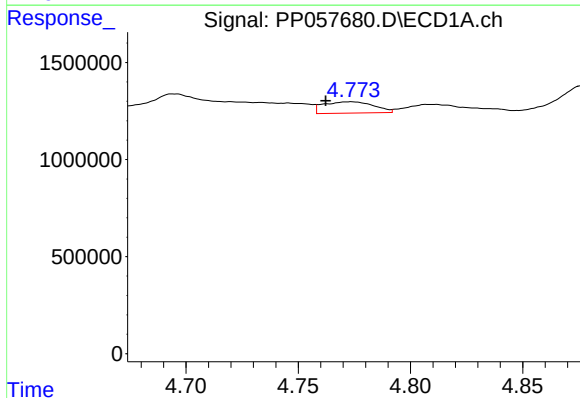
R.T.: 4.695 min
Delta R.T.: 0.010 min
Response: 3611062
Conc: 166.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



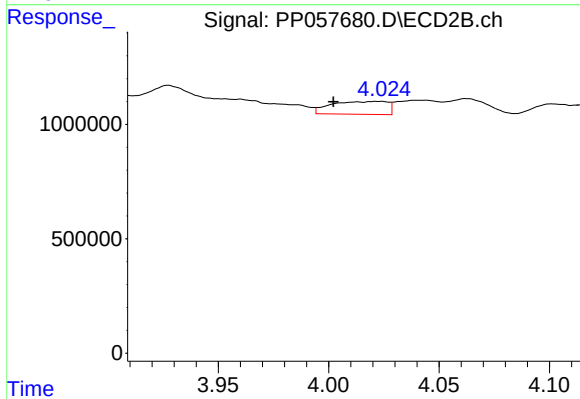
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: 0.002 min
Response: 3188607
Conc: 143.15 ng/ml



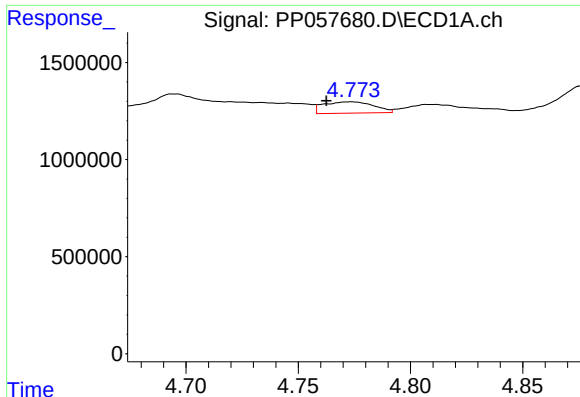
#10 AR-1221-3

R.T.: 4.773 min
Delta R.T.: 0.011 min
Response: 907399
Conc: 15.06 ng/ml



#10 AR-1221-3

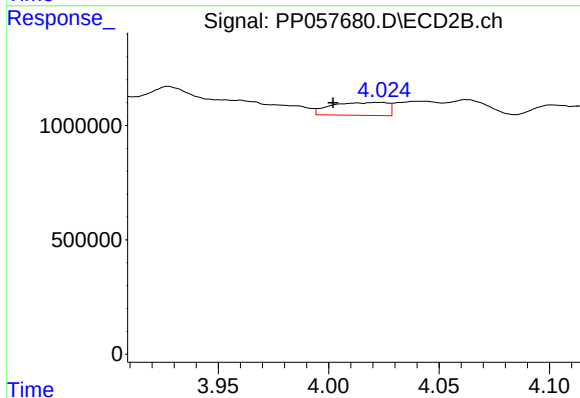
R.T.: 4.023 min
Delta R.T.: 0.021 min
Response: 1006328
Conc: 15.79 ng/ml



#11 AR-1232-1

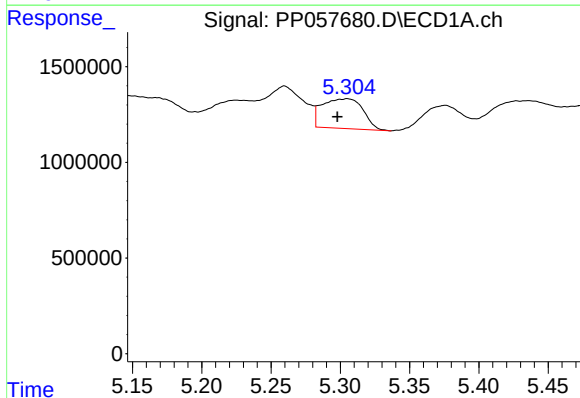
R.T.: 4.773 min
Delta R.T.: 0.011 min
Response: 907399
Conc: 20.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



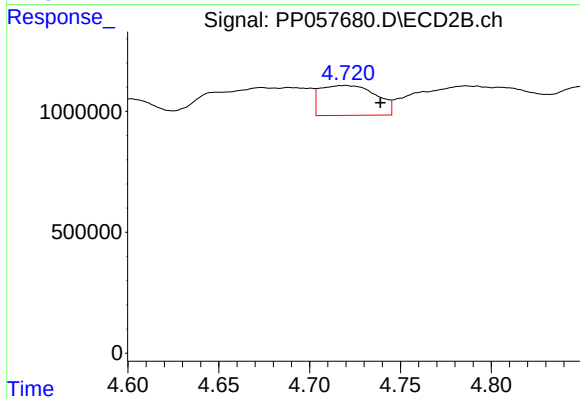
#11 AR-1232-1

R.T.: 4.023 min
Delta R.T.: 0.021 min
Response: 1006328
Conc: 21.81 ng/ml



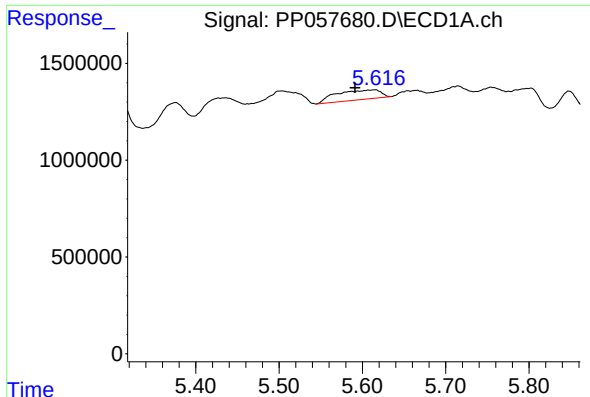
#12 AR-1232-2

R.T.: 5.305 min
Delta R.T.: 0.007 min
Response: 3178740
Conc: 121.89 ng/ml



#12 AR-1232-2

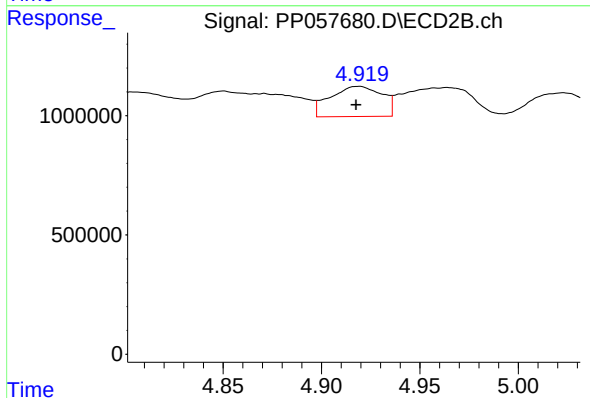
R.T.: 4.720 min
Delta R.T.: -0.019 min
Response: 2642167
Conc: 55.83 ng/ml



#13 AR-1232-3

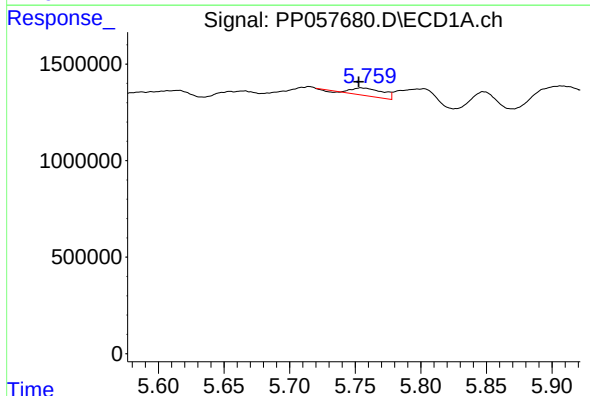
R.T.: 5.615 min
Delta R.T.: 0.024 min
Response: 1837520
Conc: 45.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



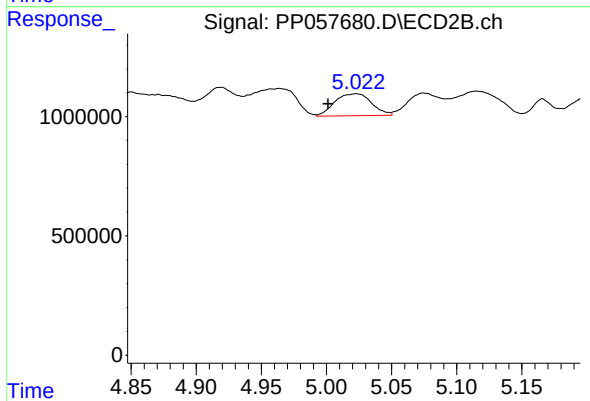
#13 AR-1232-3

R.T.: 4.919 min
Delta R.T.: 0.001 min
Response: 2310116
Conc: 84.87 ng/ml



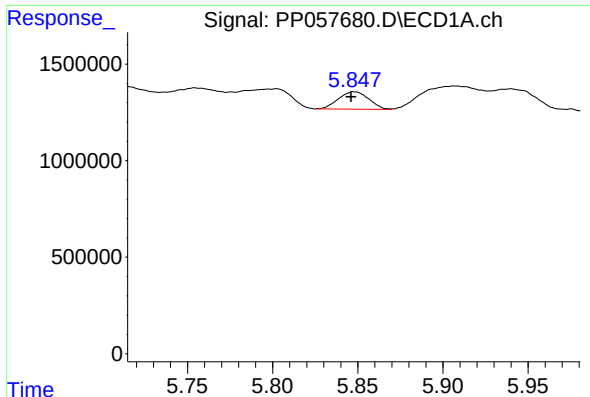
#14 AR-1232-4

R.T.: 5.754 min
Delta R.T.: 0.002 min
Response: 631870
Conc: 29.67 ng/ml



#14 AR-1232-4

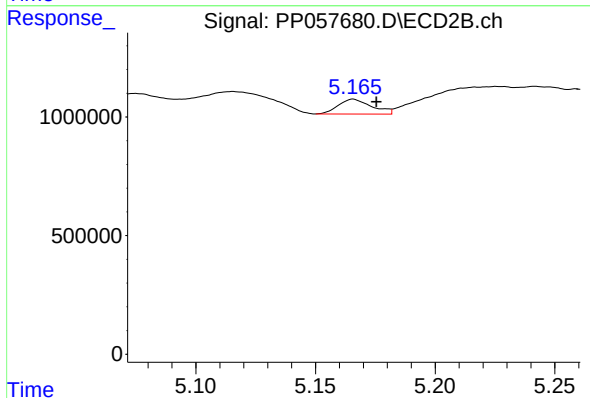
R.T.: 5.023 min
Delta R.T.: 0.022 min
Response: 1816651
Conc: 74.52 ng/ml



#15 AR-1232-5

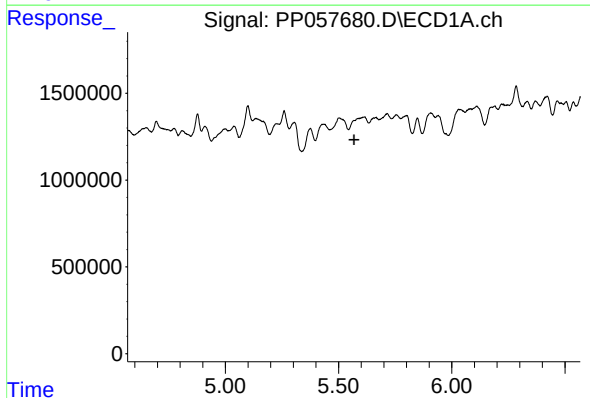
R.T.: 5.848 min
Delta R.T.: 0.002 min
Response: 1116028
Conc: 61.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



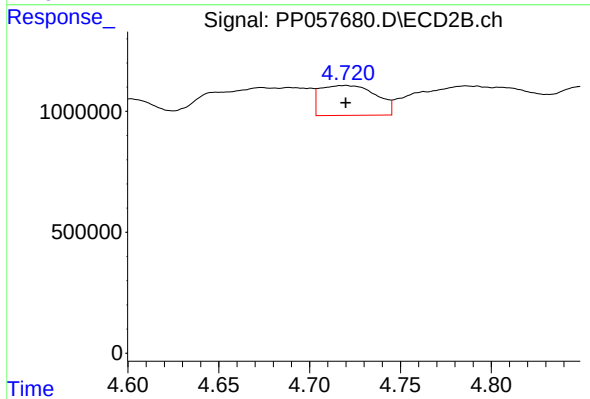
#15 AR-1232-5

R.T.: 5.166 min
Delta R.T.: -0.010 min
Response: 606506
Conc: 21.93 ng/ml



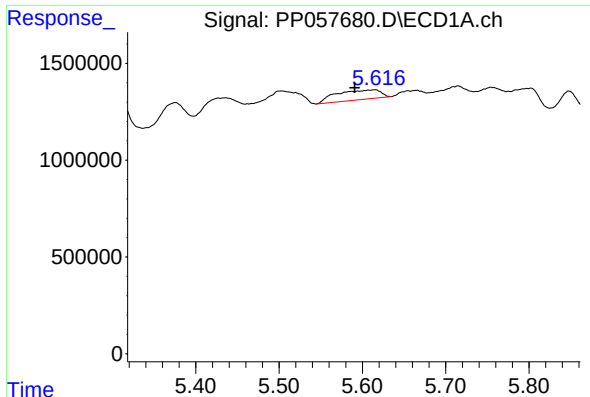
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.568 min
Response: 0
Conc: N.D.



#16 AR-1242-1

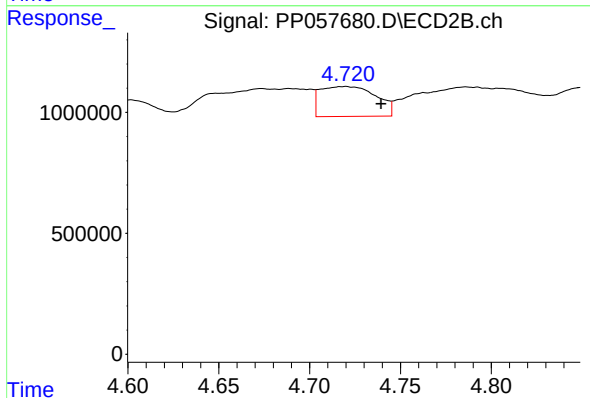
R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 2642167
Conc: 45.39 ng/ml



#17 AR-1242-2

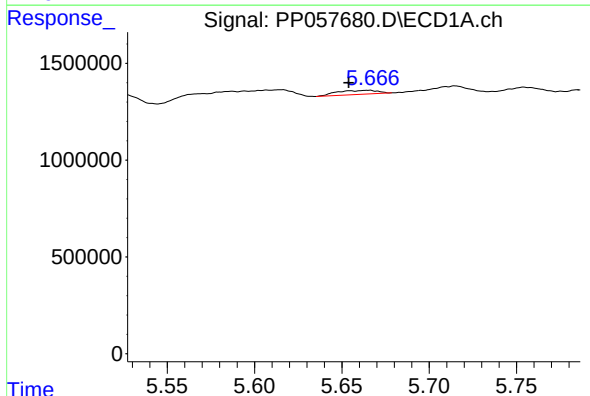
R.T.: 5.615 min
Delta R.T.: 0.024 min
Response: 1837520
Conc: 26.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



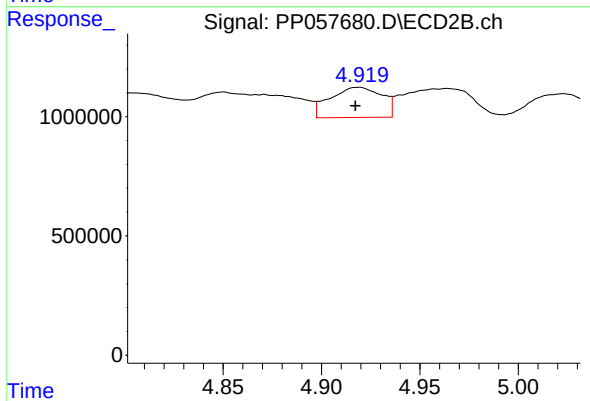
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.020 min
Response: 2642167
Conc: 33.10 ng/ml



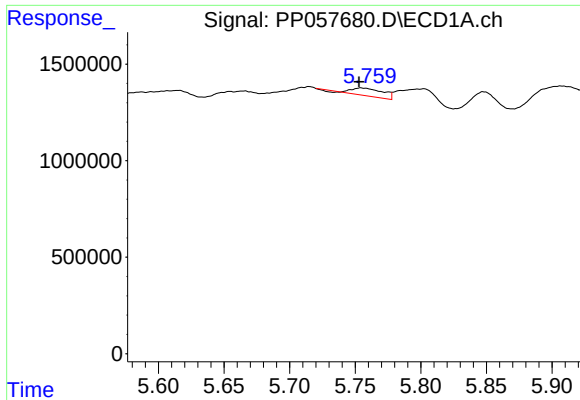
#18 AR-1242-3

R.T.: 5.665 min
Delta R.T.: 0.011 min
Response: 333999
Conc: 7.67 ng/ml



#18 AR-1242-3

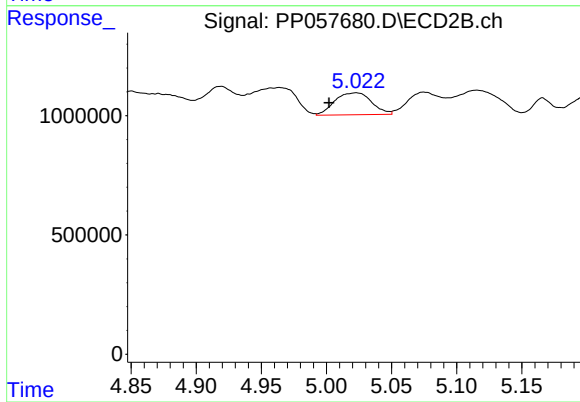
R.T.: 4.919 min
Delta R.T.: 0.001 min
Response: 2310116
Conc: 49.26 ng/ml



#19 AR-1242-4

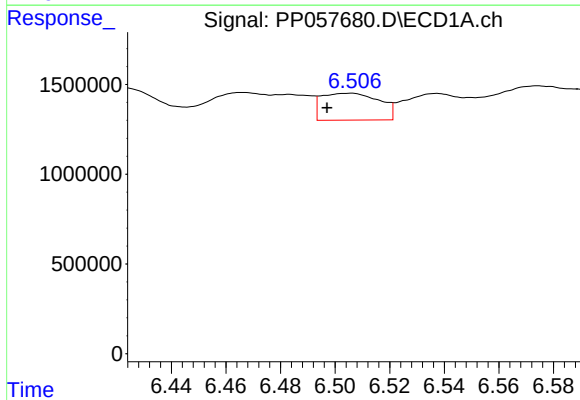
R.T.: 5.754 min
Delta R.T.: 0.001 min
Response: 631870
Conc: 17.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



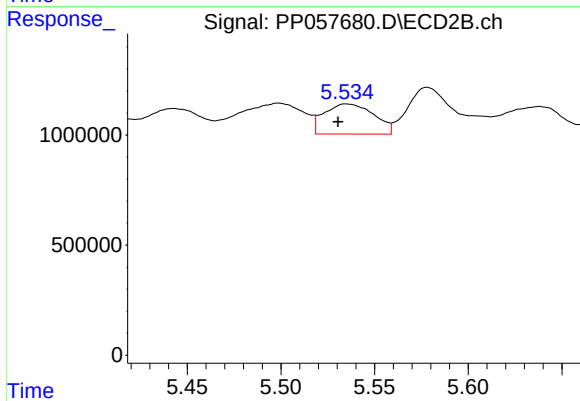
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.021 min
Response: 1816651
Conc: 39.15 ng/ml



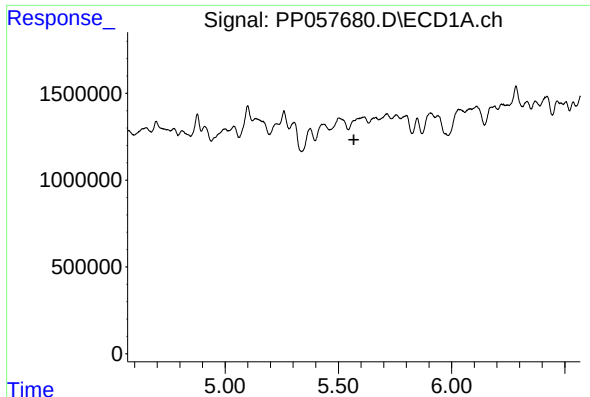
#20 AR-1242-5

R.T.: 6.505 min
Delta R.T.: 0.008 min
Response: 2202644
Conc: 67.98 ng/ml



#20 AR-1242-5

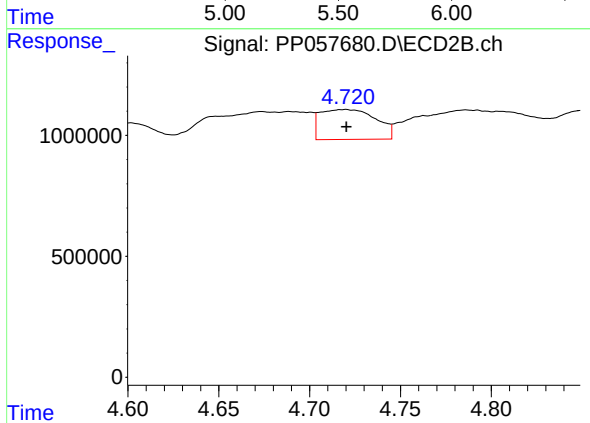
R.T.: 5.535 min
Delta R.T.: 0.005 min
Response: 2531430
Conc: 45.28 ng/ml



#21 AR-1248-1

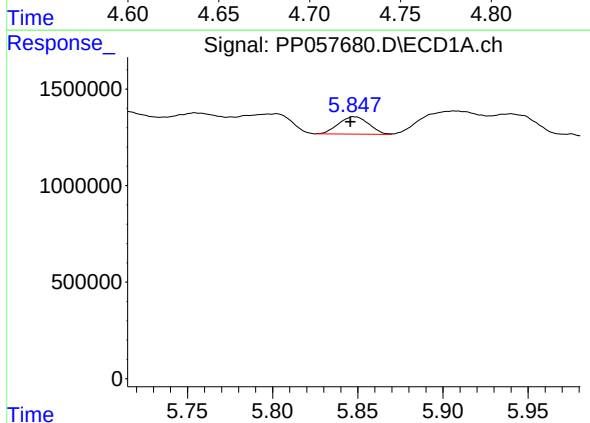
R.T.: 0.000 min
Exp R.T.: 5.569 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



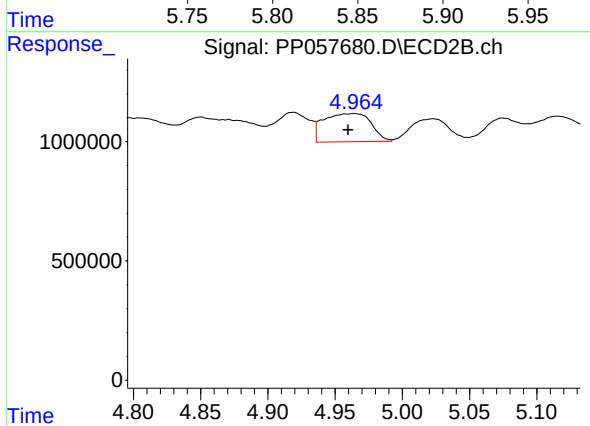
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 2642167
Conc: 51.35 ng/ml



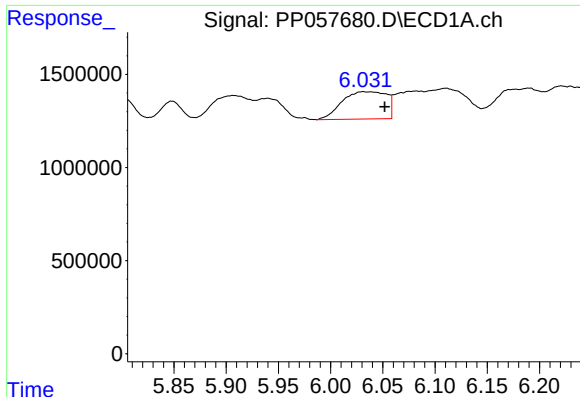
#22 AR-1248-2

R.T.: 5.848 min
Delta R.T.: 0.002 min
Response: 1116028
Conc: 17.12 ng/ml



#22 AR-1248-2

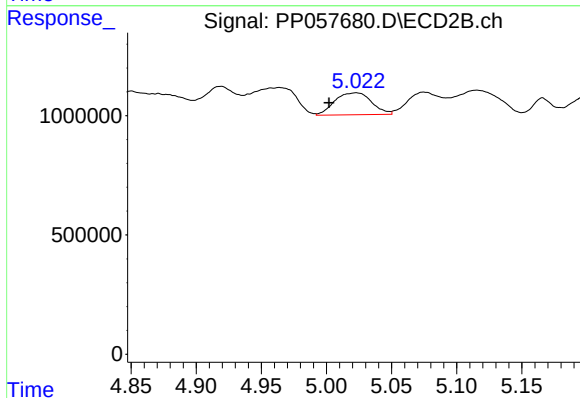
R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: 2892113
Conc: 40.28 ng/ml



#23 AR-1248-3

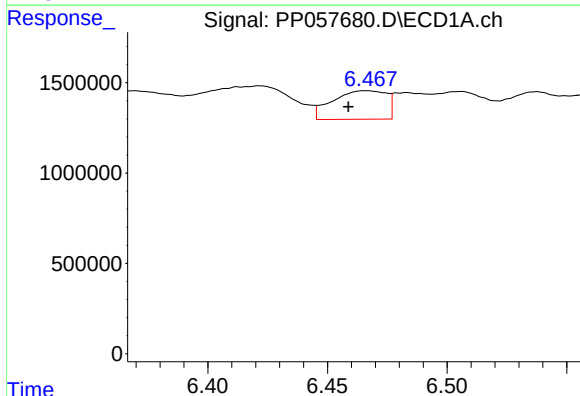
R.T.: 6.031 min
Delta R.T.: -0.020 min
Response: 4347664
Conc: 62.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



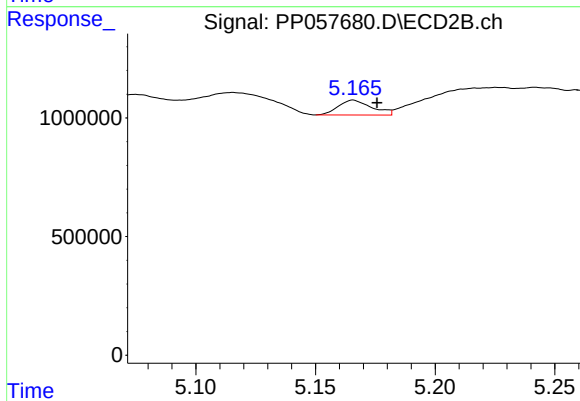
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: 0.021 min
Response: 1816651
Conc: 24.01 ng/ml



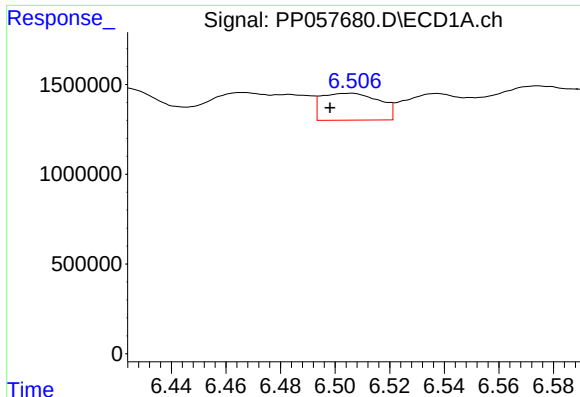
#24 AR-1248-4

R.T.: 6.466 min
Delta R.T.: 0.007 min
Response: 2471689
Conc: 38.67 ng/ml



#24 AR-1248-4

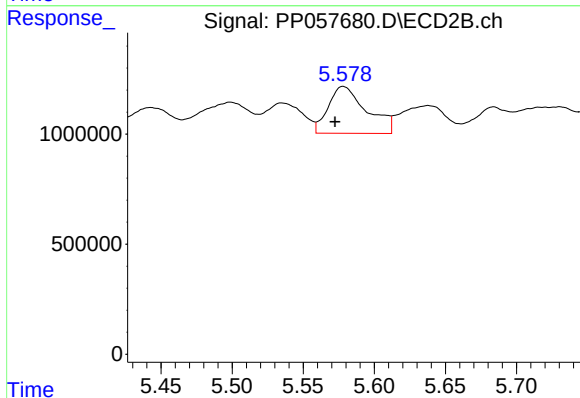
R.T.: 5.166 min
Delta R.T.: -0.010 min
Response: 606506
Conc: 6.80 ng/ml



#25 AR-1248-5

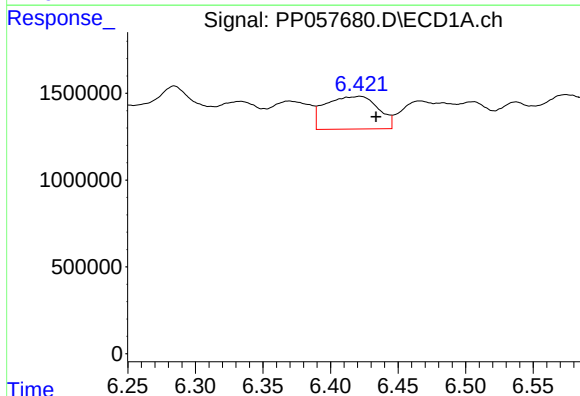
R.T.: 6.505 min
Delta R.T.: 0.007 min
Response: 2202644
Conc: 34.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



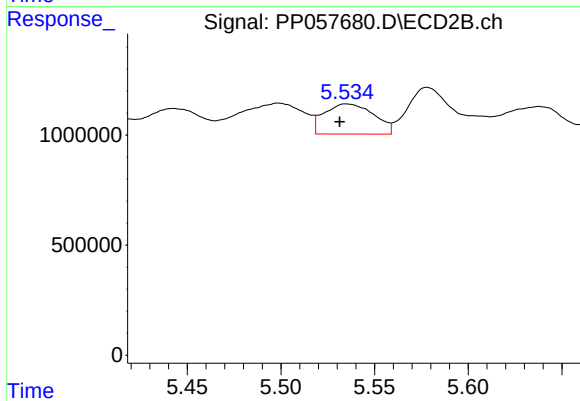
#25 AR-1248-5

R.T.: 5.578 min
Delta R.T.: 0.006 min
Response: 3995625
Conc: 48.06 ng/ml



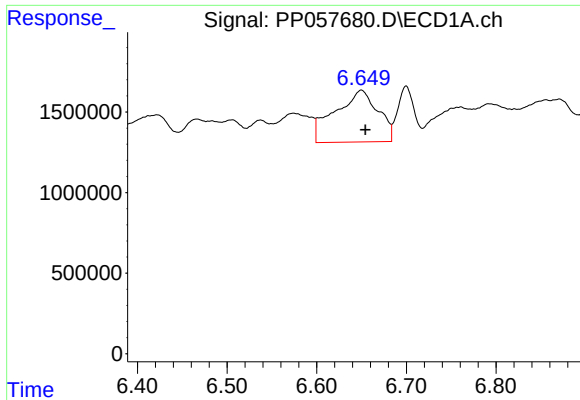
#26 AR-1254-1

R.T.: 6.422 min
Delta R.T.: -0.012 min
Response: 5107030
Conc: 76.09 ng/ml



#26 AR-1254-1

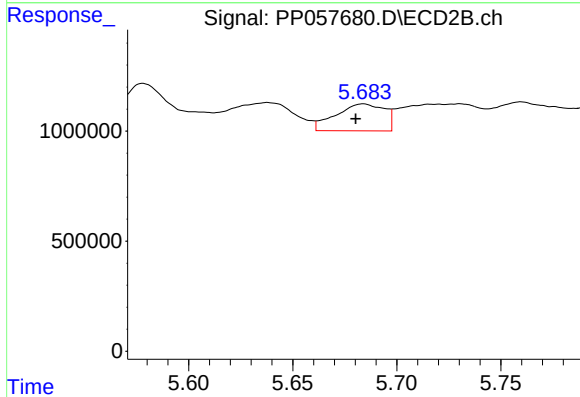
R.T.: 5.535 min
Delta R.T.: 0.004 min
Response: 2531430
Conc: 22.67 ng/ml



#27 AR-1254-2

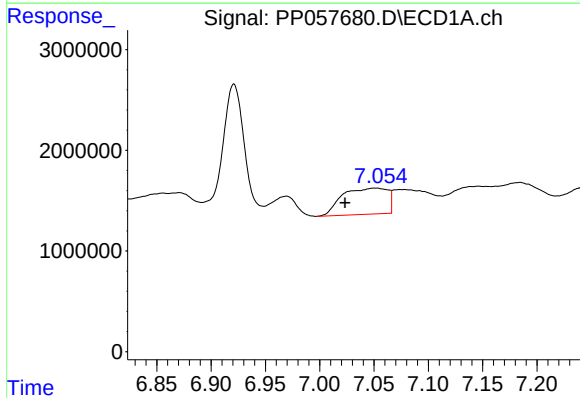
R.T.: 6.650 min
Delta R.T.: -0.004 min
Response: 10703750
Conc: 113.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



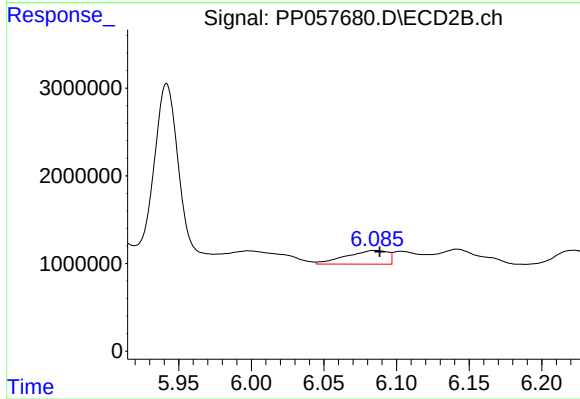
#27 AR-1254-2

R.T.: 5.684 min
Delta R.T.: 0.003 min
Response: 1999872
Conc: 20.04 ng/ml



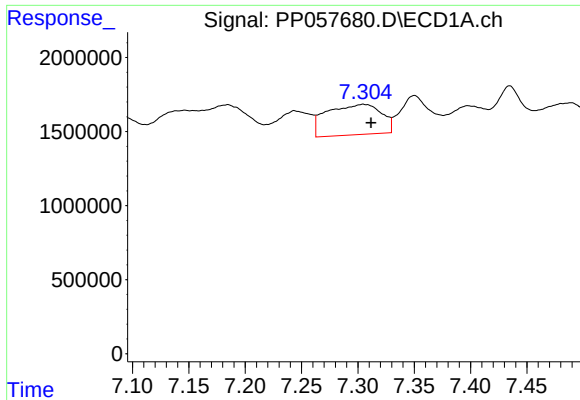
#28 AR-1254-3

R.T.: 7.051 min
Delta R.T.: 0.028 min
Response: 7565352
Conc: 83.05 ng/ml



#28 AR-1254-3

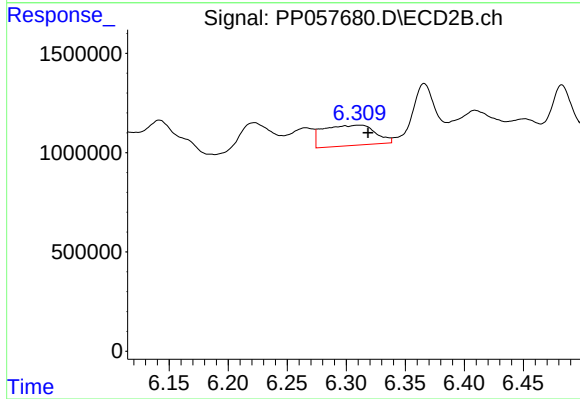
R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 3134269
Conc: 20.03 ng/ml



#29 AR-1254-4

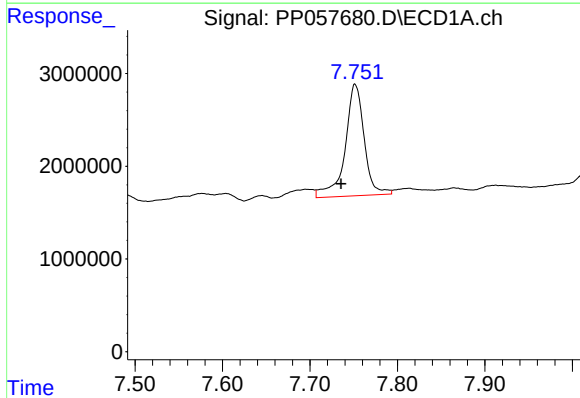
R.T.: 7.305 min
Delta R.T.: -0.007 min
Response: 6882479
Conc: 115.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



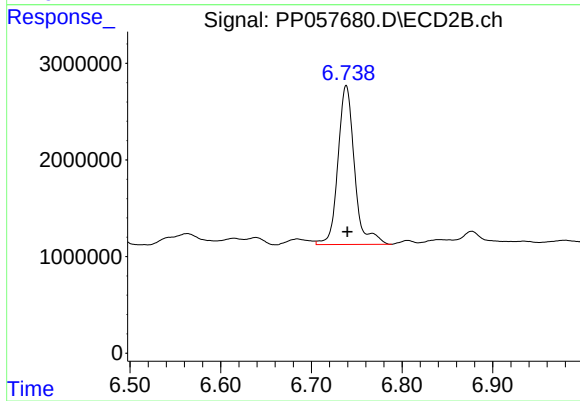
#29 AR-1254-4

R.T.: 6.311 min
Delta R.T.: -0.007 min
Response: 3149374
Conc: 34.14 ng/ml



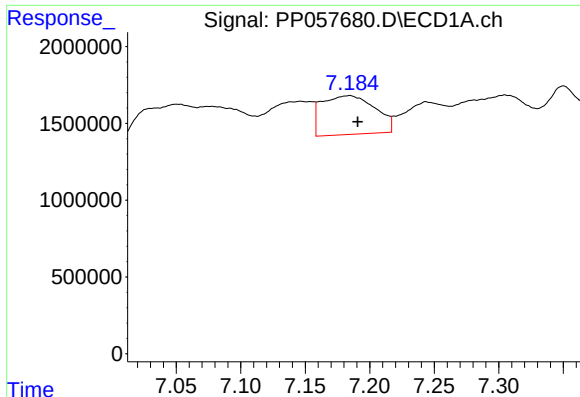
#30 AR-1254-5

R.T.: 7.752 min
Delta R.T.: 0.016 min
Response: 18234461
Conc: 265.61 ng/ml



#30 AR-1254-5

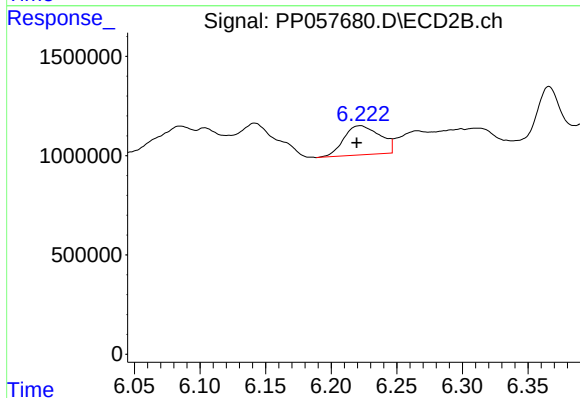
R.T.: 6.738 min
Delta R.T.: -0.001 min
Response: 20823016
Conc: 143.85 ng/ml



#31 AR-1260-1

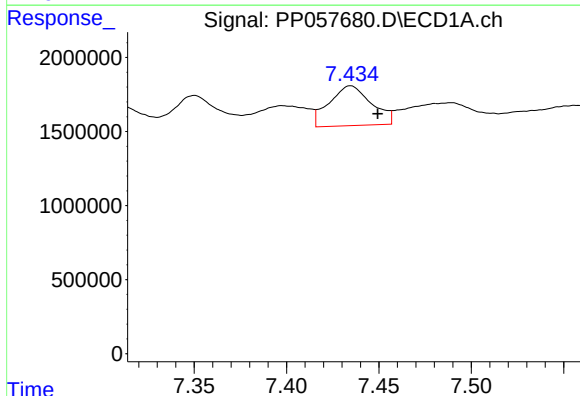
R.T.: 7.184 min
Delta R.T.: -0.006 min
Response: 7258469
Conc: 92.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



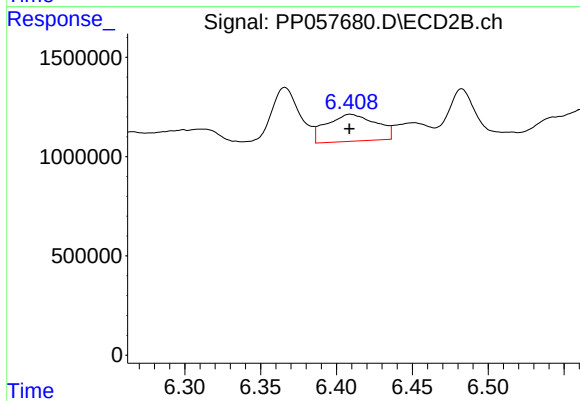
#31 AR-1260-1

R.T.: 6.222 min
Delta R.T.: 0.003 min
Response: 2823193
Conc: 25.68 ng/ml



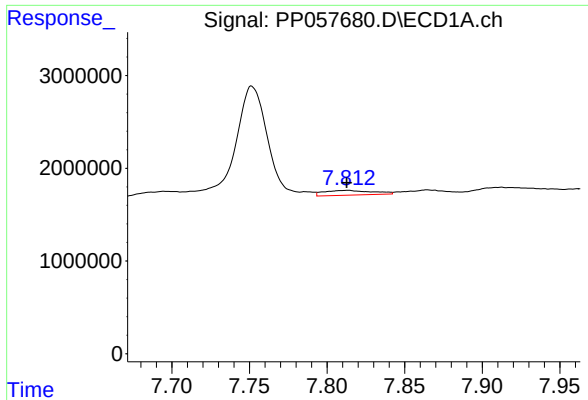
#32 AR-1260-2

R.T.: 7.435 min
Delta R.T.: -0.015 min
Response: 4290870
Conc: 53.56 ng/ml



#32 AR-1260-2

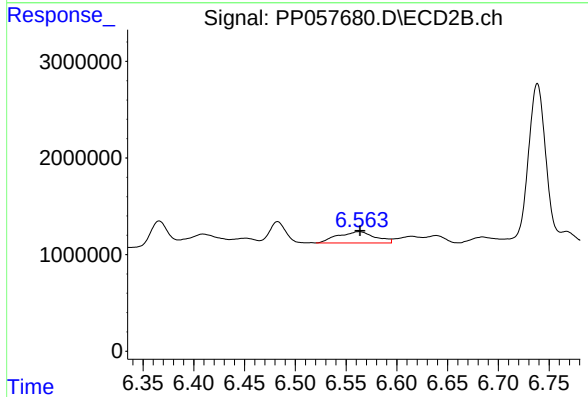
R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 3079290
Conc: 24.23 ng/ml



#33 AR-1260-3

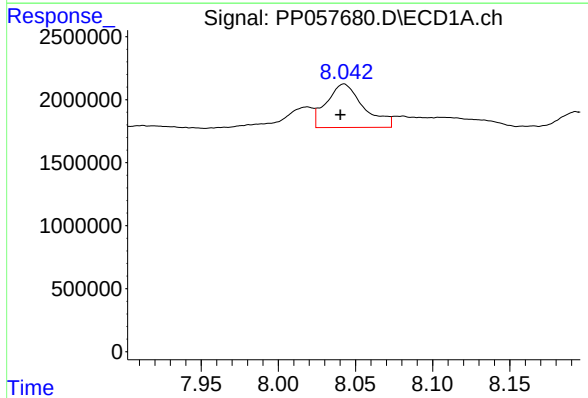
R.T.: 7.813 min
Delta R.T.: 0.000 min
Response: 1109709
Conc: 19.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



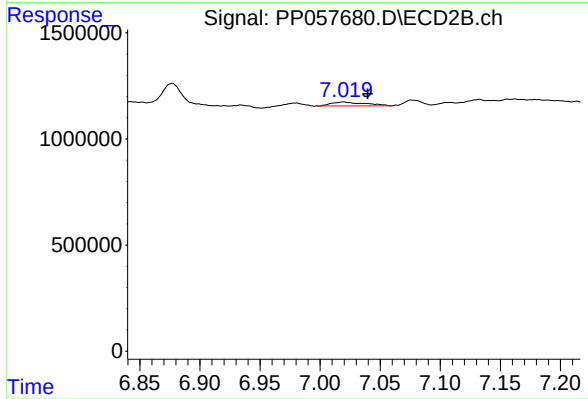
#33 AR-1260-3

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 2968100
Conc: 24.21 ng/ml



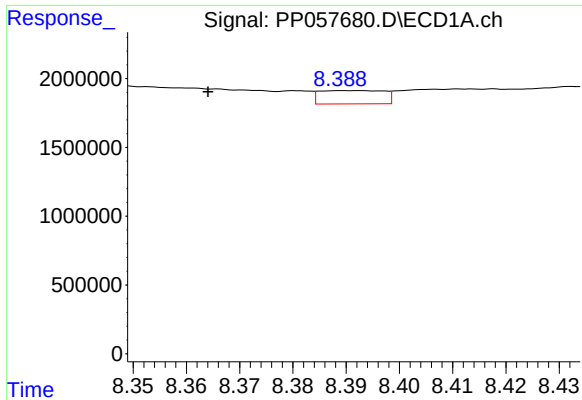
#34 AR-1260-4

R.T.: 8.043 min
Delta R.T.: 0.002 min
Response: 5759280
Conc: 86.68 ng/ml



#34 AR-1260-4

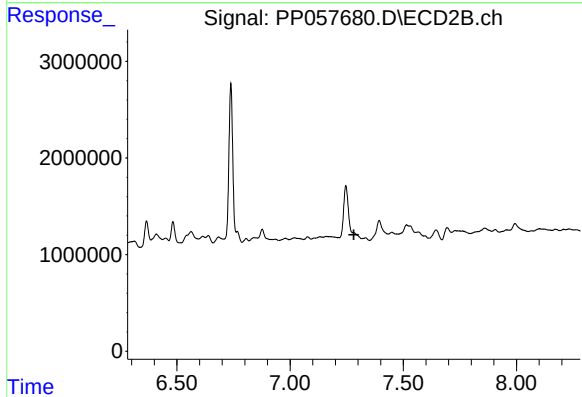
R.T.: 7.020 min
Delta R.T.: -0.020 min
Response: 366792
Conc: 4.20 ng/ml



#35 AR-1260-5

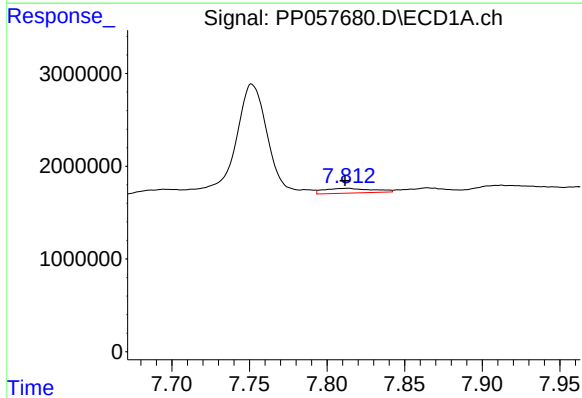
R.T.: 8.391 min
Delta R.T.: 0.027 min
Response: 811391
Conc: 7.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



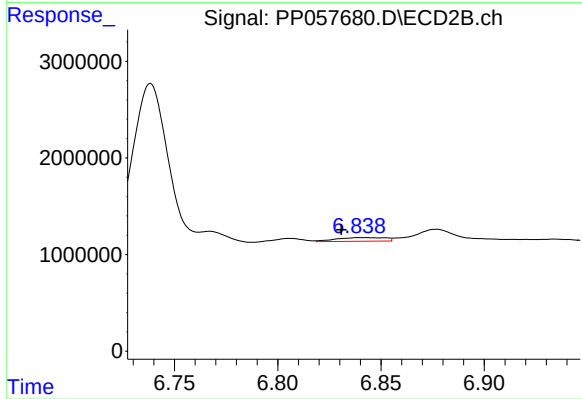
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.282 min
Response: 0
Conc: N.D.



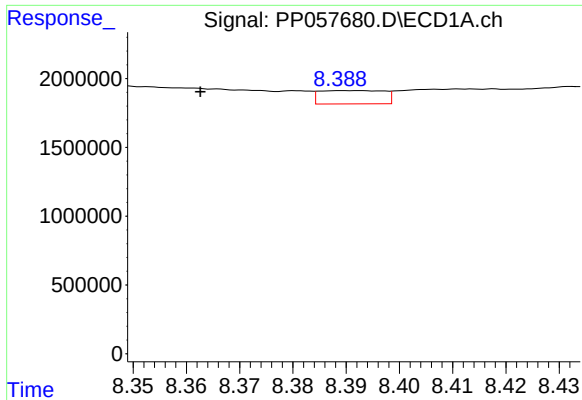
#36 AR-1262-1

R.T.: 7.813 min
Delta R.T.: 0.001 min
Response: 1109709
Conc: 12.89 ng/ml



#36 AR-1262-1

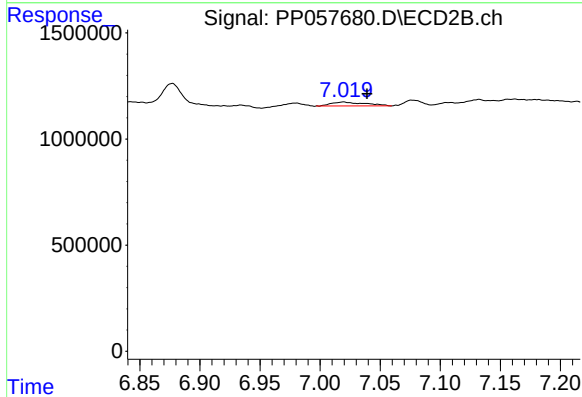
R.T.: 6.842 min
Delta R.T.: 0.011 min
Response: 640921
Conc: 10.09 ng/ml



#37 AR-1262-2

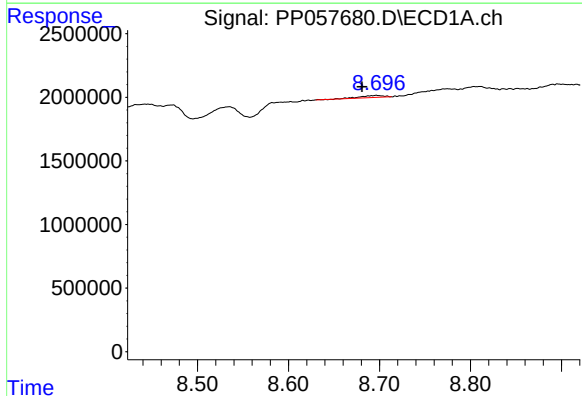
R.T.: 8.391 min
Delta R.T.: 0.028 min
Response: 811391
Conc: 6.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



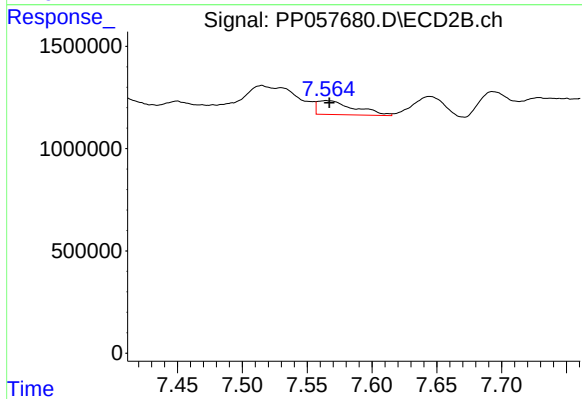
#37 AR-1262-2

R.T.: 7.020 min
Delta R.T.: -0.019 min
Response: 366792
Conc: 2.96 ng/ml



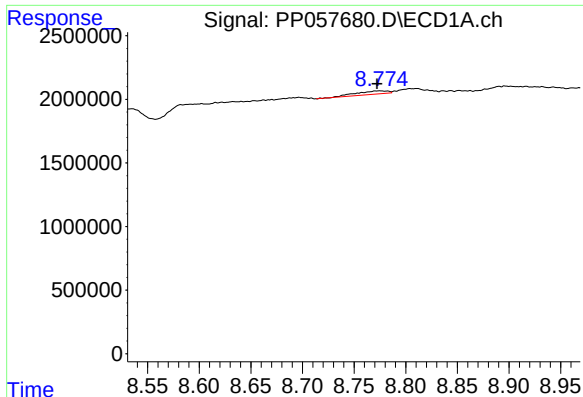
#38 AR-1262-3

R.T.: 8.697 min
Delta R.T.: 0.016 min
Response: 284940
Conc: 3.28 ng/ml



#38 AR-1262-3

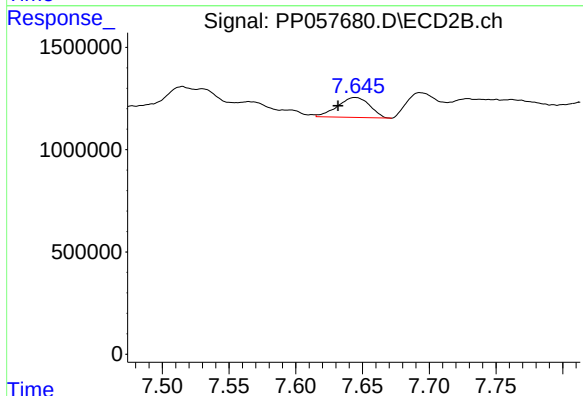
R.T.: 7.565 min
Delta R.T.: -0.002 min
Response: 1333823
Conc: 14.21 ng/ml



#39 AR-1262-4

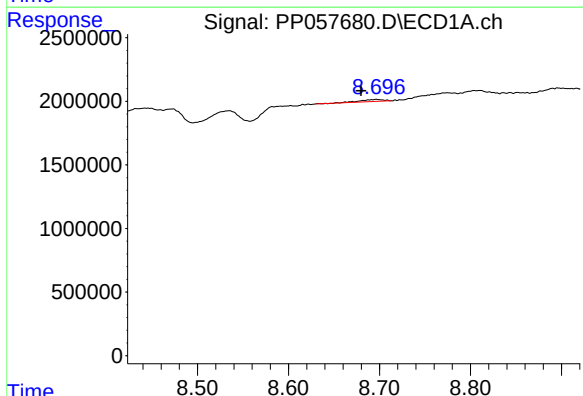
R.T.: 8.775 min
Delta R.T.: 0.002 min
Response: 555352
Conc: 8.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



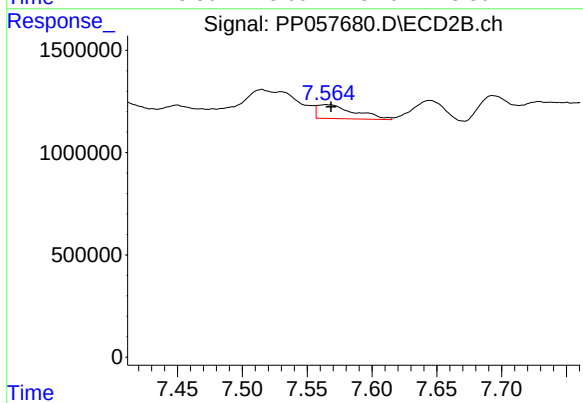
#39 AR-1262-4

R.T.: 7.645 min
Delta R.T.: 0.013 min
Response: 1640112
Conc: 9.63 ng/ml



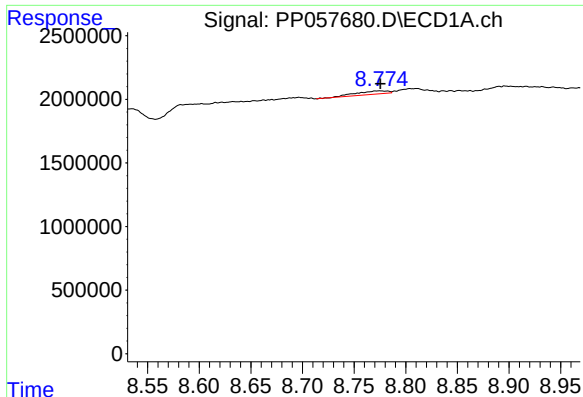
#41 AR-1268-1

R.T.: 8.697 min
Delta R.T.: 0.017 min
Response: 284940
Conc: 1.83 ng/ml



#41 AR-1268-1

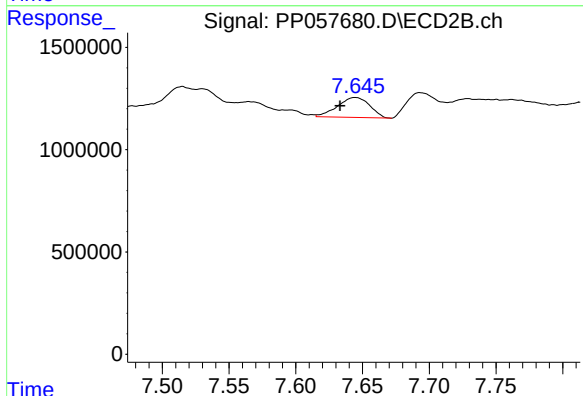
R.T.: 7.565 min
Delta R.T.: -0.003 min
Response: 1333823
Conc: 5.07 ng/ml



#42 AR-1268-2

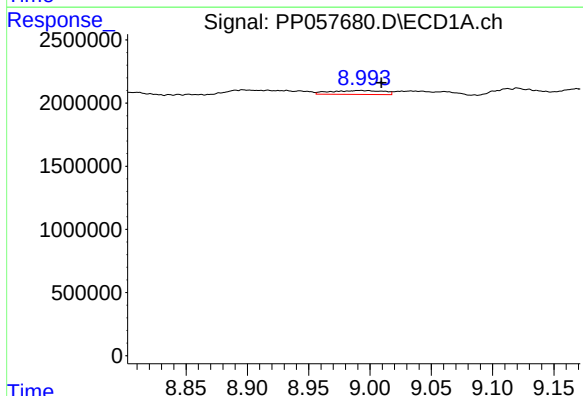
R.T.: 8.775 min
Delta R.T.: 0.000 min
Response: 555352
Conc: 4.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



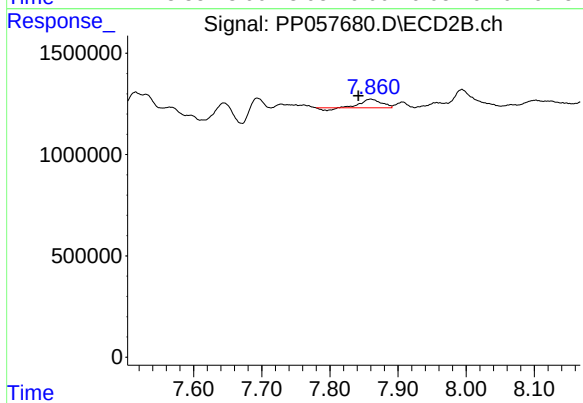
#42 AR-1268-2

R.T.: 7.645 min
Delta R.T.: 0.011 min
Response: 1640112
Conc: 6.70 ng/ml



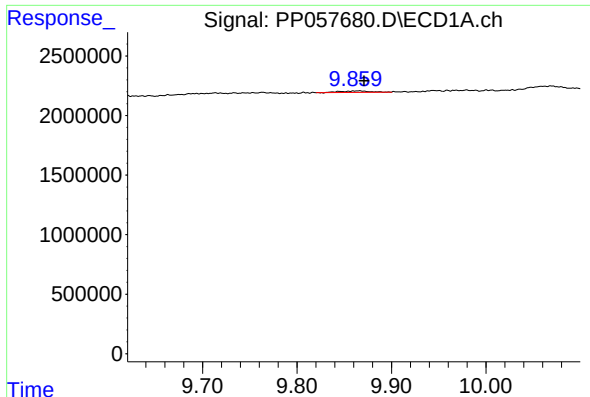
#43 AR-1268-3

R.T.: 8.992 min
Delta R.T.: -0.017 min
Response: 916647
Conc: 7.10 ng/ml



#43 AR-1268-3

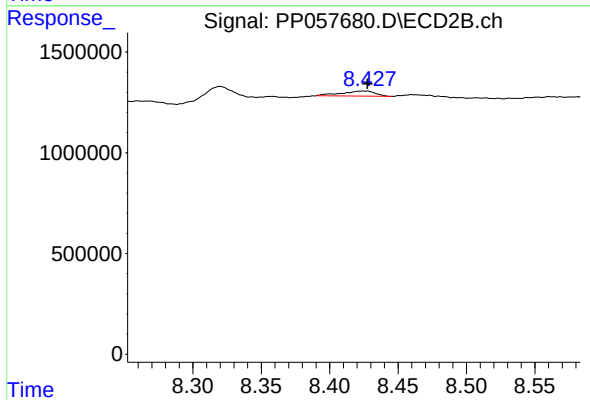
R.T.: 7.860 min
Delta R.T.: 0.018 min
Response: 792680
Conc: 3.91 ng/ml



#45 AR-1268-5

R.T.: 9.864 min
Delta R.T.: -0.006 min
Response: 261892
Conc: 0.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.425 min
Delta R.T.: -0.003 min
Response: 433414
Conc: 0.84 ng/ml