

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 16:50
 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:40:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.324	3.567	35776206	27330230	22.204	18.717
2)	SA Decachlor...	10.068	8.570	43083745	26884100	21.120	23.697
Target Compounds							
3)	L1 AR-1016-1	5.494	4.649	2365205	1513424	39.636	33.609
4)	L1 AR-1016-2	5.517	4.667	3341884	2038054	38.198	31.382
5)	L1 AR-1016-3	5.576	4.843	3454653	1060792	62.190	30.524 #
6)	L1 AR-1016-4	5.678	4.886	1692106	997720	37.972	33.379
7)	L1 AR-1016-5	5.974	5.099	1997210	1381411	41.363	34.943
8)	L2 AR-1221-1	4.532	3.779	819798	183070	39.386	10.192 #
9)	L2 AR-1221-2	4.628	3.865	836427	629697	52.583	47.946
10)	L2 AR-1221-3	4.695	3.941	1424678	939689	29.367	22.514
11)	L3 AR-1232-1	4.695	3.941	1424678	939689	35.968	27.296
12)	L3 AR-1232-2	5.225	4.667	1647249	2038054	79.304	69.439
13)	L3 AR-1232-3	5.517	4.843	3341884	1060792	84.812	69.801
14)	L3 AR-1232-4	5.678	4.927	1692106	1231443	86.377	81.232
15)	L3 AR-1232-5	5.770	5.099	1513533	1381411	94.635	84.276
16)	L4 AR-1242-1	5.494	4.649	2365205	1513424	48.983	41.133
17)	L4 AR-1242-2	5.517	4.667	3341884	2038054	47.030	38.693
18)	L4 AR-1242-3	5.576	4.843	3454653	1060792	77.434	37.470 #
19)	L4 AR-1242-4	5.678	4.927	1692106	1231443	46.833	39.913
20)	L4 AR-1242-5	6.417	5.450	2149772	1369981	51.320	41.129
21)	L5 AR-1248-1	5.494	4.649	2365205	1513424	65.008	54.190
22)	L5 AR-1248-2	5.770	4.886	1513533	997720	26.305	23.453
23)	L5 AR-1248-3	5.974	4.927	1997210	1231443	30.737	27.672
24)	L5 AR-1248-4	6.378	5.099	1954650	1381411	26.941	26.980
25)	L5 AR-1248-5	6.417	5.491	2149772	1080169	30.331	24.507
26)	L6 AR-1254-1	6.351	5.450	1412989	1369981	19.219	18.621
27)	L6 AR-1254-2	6.574	5.599	1647022	353159	14.272	5.613 #
28)	L6 AR-1254-3	6.940	6.003	727762	518721	5.913	5.289
29)	L6 AR-1254-4	7.228	6.231	332354	382490	3.618	6.949 #
30)	L6 AR-1254-5	7.647	6.657	571162	147630	5.434	1.817 #
31)	L7 AR-1260-1	7.106	6.148	94723	358166	0.915	4.913 #
32)	L7 AR-1260-2	7.363	6.331	518537	18247	4.123	0.224 #
33)	L7 AR-1260-3	7.731	6.481	28925	132435	0.329	1.567 #
34)	L7 AR-1260-4	7.959	6.929f	592515	28067	5.513	0.439 #
35)	L7 AR-1260-5	8.267	7.202	186425	75203	0.903	0.556 #
36)	L8 AR-1262-1	7.731	6.758	28925	59610	0.245	1.691 #
37)	L8 AR-1262-2	8.267	6.929f	186425	28067	0.849	0.378 #
38)	L8 AR-1262-3	8.584	7.497f	44642	27864	0.292	0.502 #
39)	L8 AR-1262-4	8.663	0.000	294973	0	3.918	N.D. #
40)	L8 AR-1262-5	9.321	0.000	18429	0	0.224	N.D. #
41)	L9 AR-1268-1	8.584	7.497f	44642	27864	0.156	0.166

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 16:50
 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 28 Sample Multiplier: 1

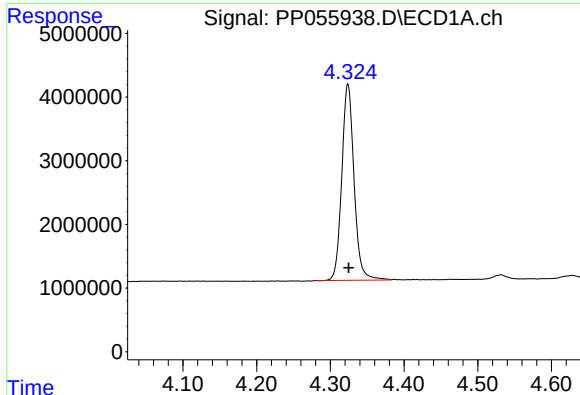
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:40:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.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	8.671	0.000	116021	0	0.435	N.D. #
43) L9	AR-1268-3	8.893	7.755	86702	73078	0.368	0.533 #
44) L9	AR-1268-4	9.321	0.000	18429	0	0.187	N.D. #
45) L9	AR-1268-5	9.737	8.320	132042	176181	0.175	0.437 #

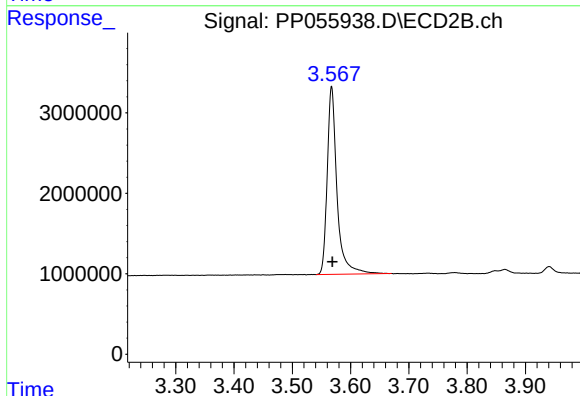
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

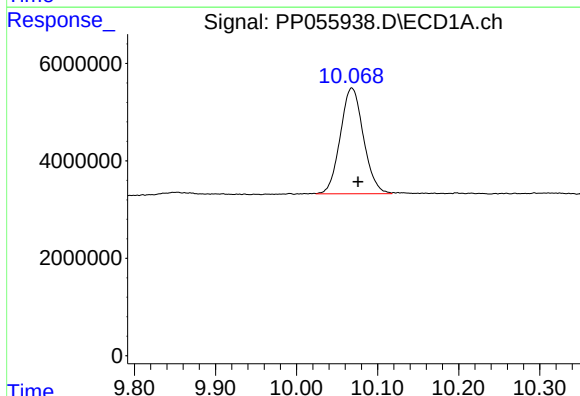
R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 35776206
Conc: 22.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



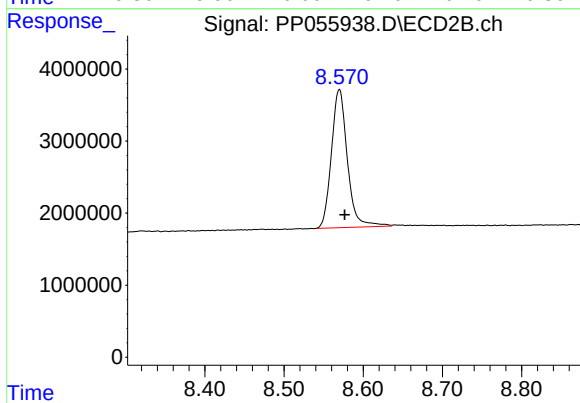
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: -0.001 min
Response: 27330230
Conc: 18.72 ng/ml



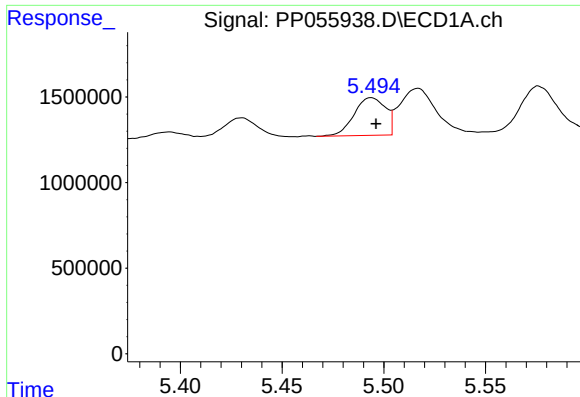
#2 Decachlorobiphenyl

R.T.: 10.068 min
Delta R.T.: -0.008 min
Response: 43083745
Conc: 21.12 ng/ml



#2 Decachlorobiphenyl

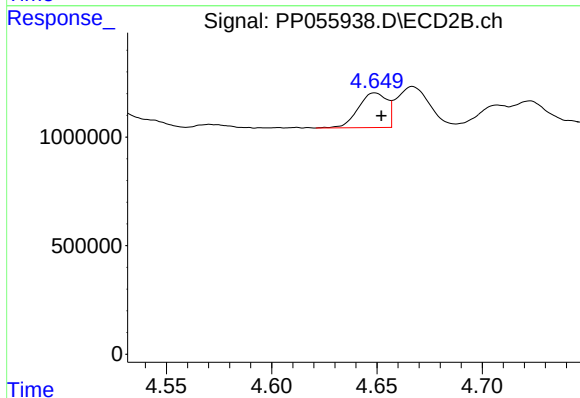
R.T.: 8.570 min
Delta R.T.: -0.007 min
Response: 26884100
Conc: 23.70 ng/ml



#3 AR-1016-1

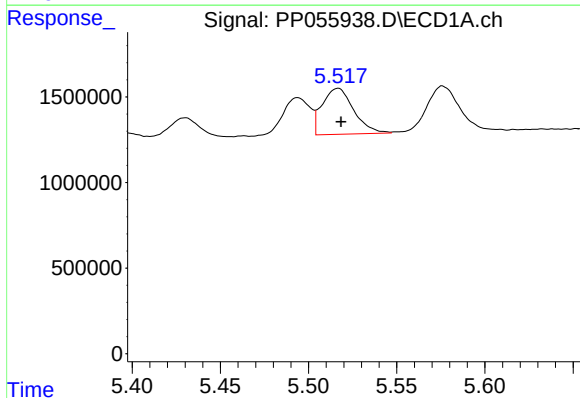
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 2365205
Conc: 39.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



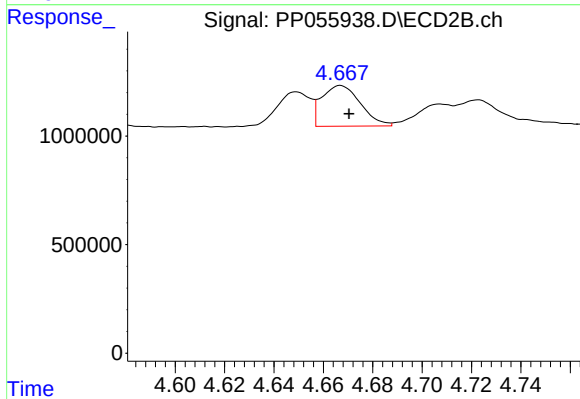
#3 AR-1016-1

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 1513424
Conc: 33.61 ng/ml



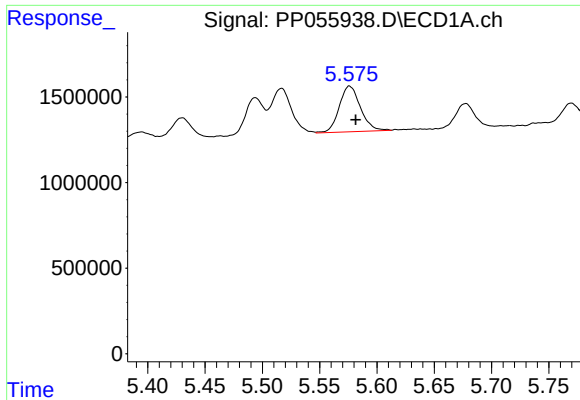
#4 AR-1016-2

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 3341884
Conc: 38.20 ng/ml



#4 AR-1016-2

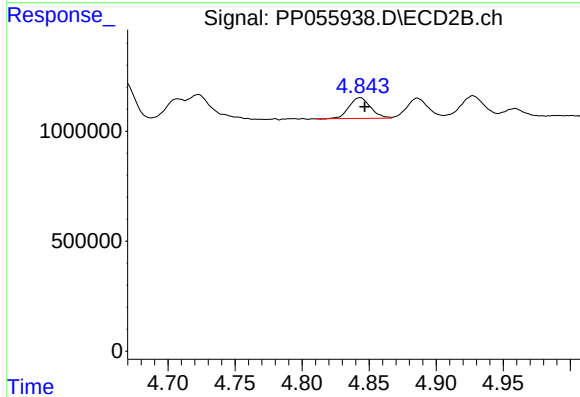
R.T.: 4.667 min
Delta R.T.: -0.003 min
Response: 2038054
Conc: 31.38 ng/ml



#5 AR-1016-3

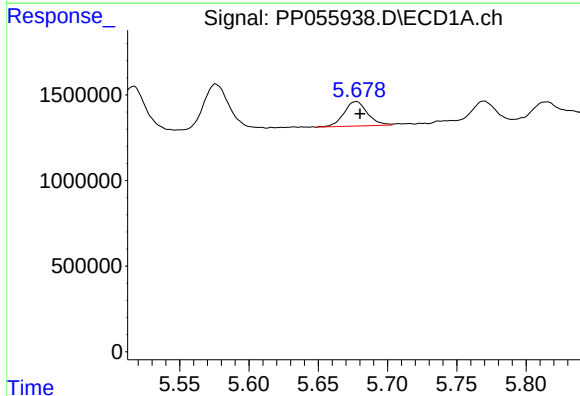
R.T.: 5.576 min
Delta R.T.: -0.005 min
Response: 3454653
Conc: 62.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



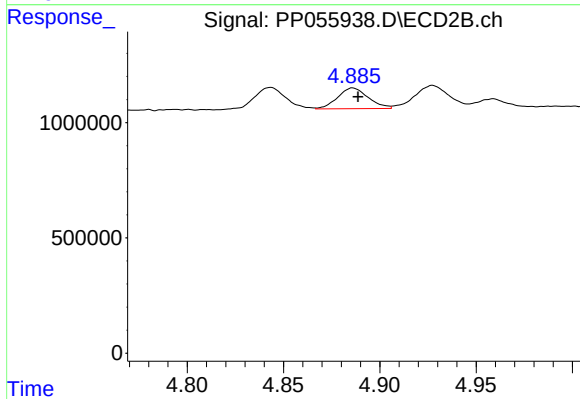
#5 AR-1016-3

R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 1060792
Conc: 30.52 ng/ml



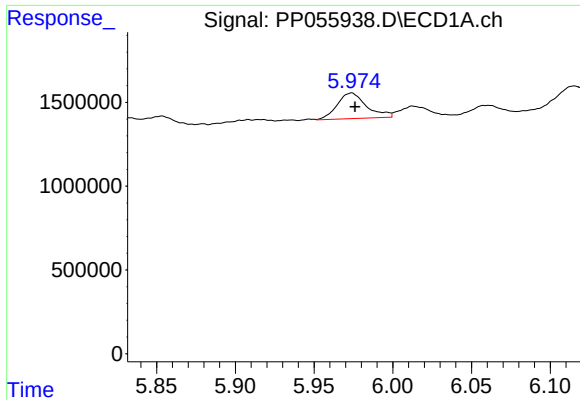
#6 AR-1016-4

R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 1692106
Conc: 37.97 ng/ml



#6 AR-1016-4

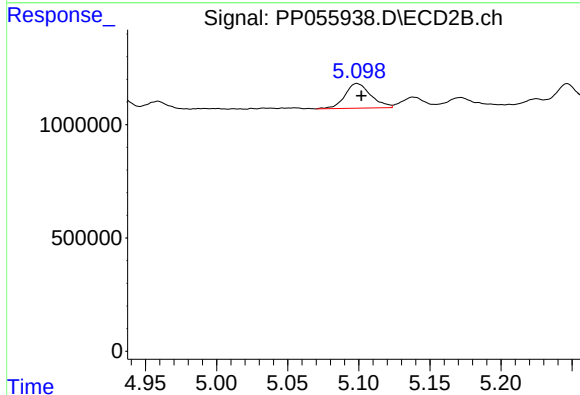
R.T.: 4.886 min
Delta R.T.: -0.003 min
Response: 997720
Conc: 33.38 ng/ml



#7 AR-1016-5

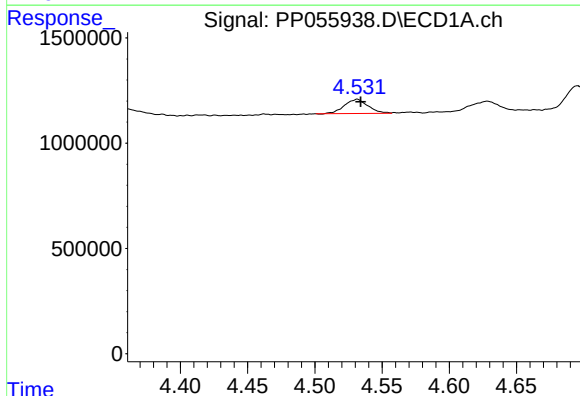
R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 1997210
Conc: 41.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



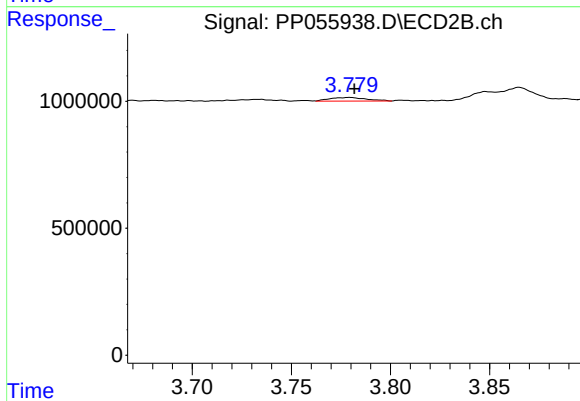
#7 AR-1016-5

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 1381411
Conc: 34.94 ng/ml



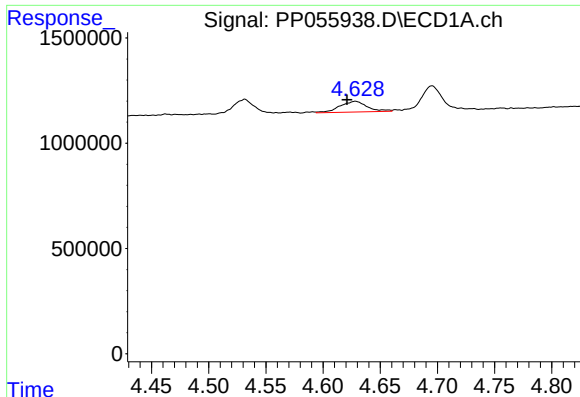
#8 AR-1221-1

R.T.: 4.532 min
Delta R.T.: -0.003 min
Response: 819798
Conc: 39.39 ng/ml



#8 AR-1221-1

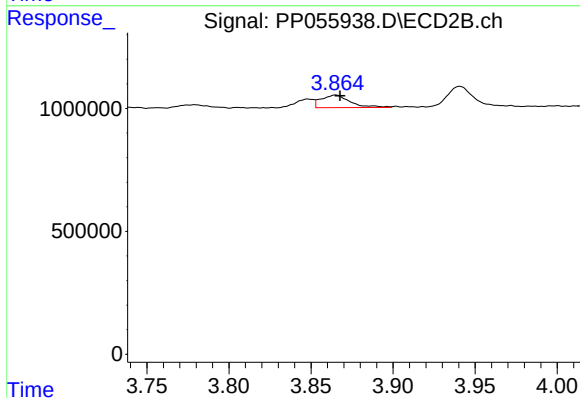
R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 183070
Conc: 10.19 ng/ml



#9 AR-1221-2

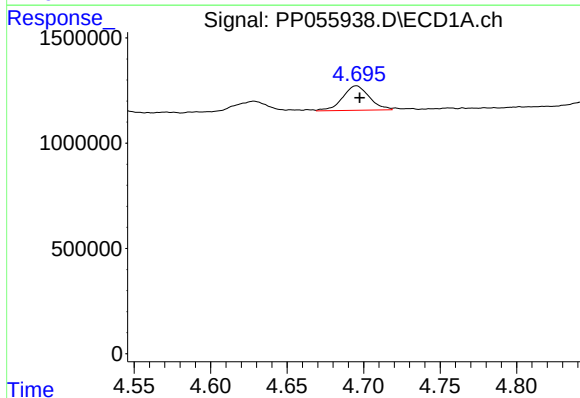
R.T.: 4.628 min
Delta R.T.: 0.007 min
Response: 836427
Conc: 52.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



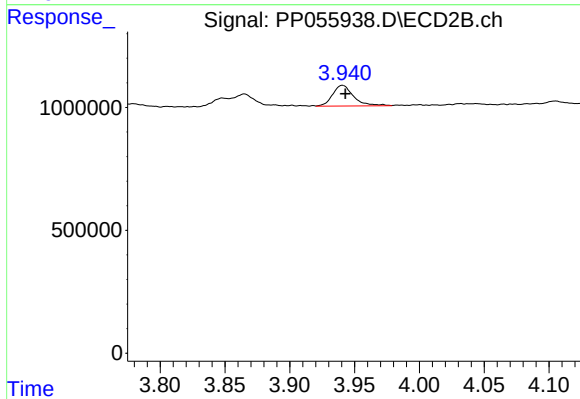
#9 AR-1221-2

R.T.: 3.865 min
Delta R.T.: -0.003 min
Response: 629697
Conc: 47.95 ng/ml



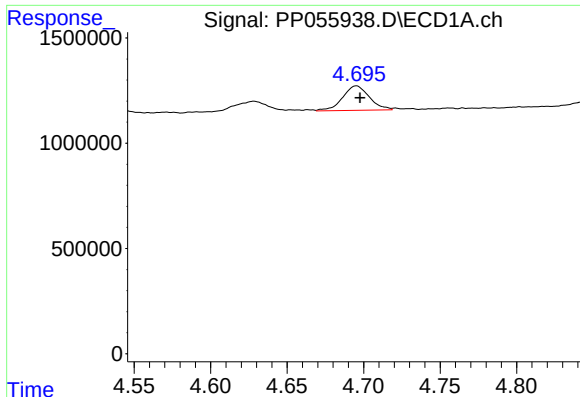
#10 AR-1221-3

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 1424678
Conc: 29.37 ng/ml



#10 AR-1221-3

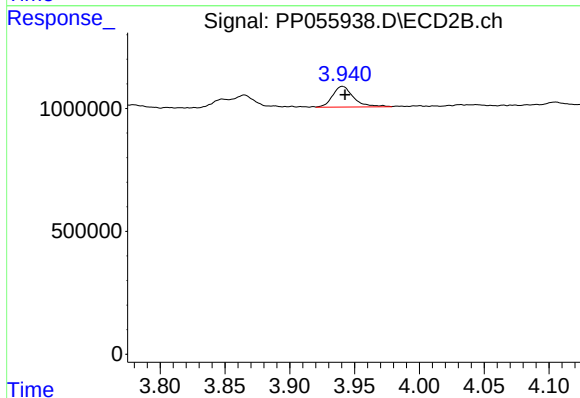
R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 939689
Conc: 22.51 ng/ml



#11 AR-1232-1

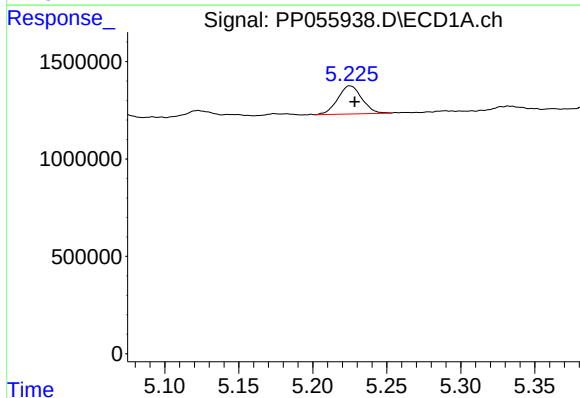
R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 1424678
Conc: 35.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



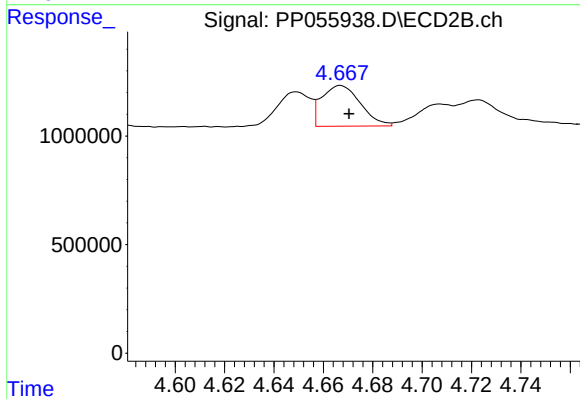
#11 AR-1232-1

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 939689
Conc: 27.30 ng/ml



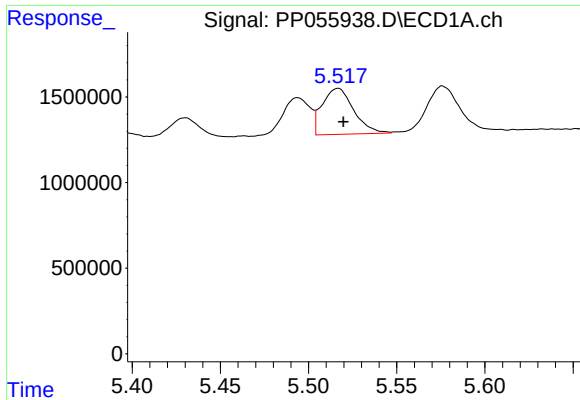
#12 AR-1232-2

R.T.: 5.225 min
Delta R.T.: -0.003 min
Response: 1647249
Conc: 79.30 ng/ml



#12 AR-1232-2

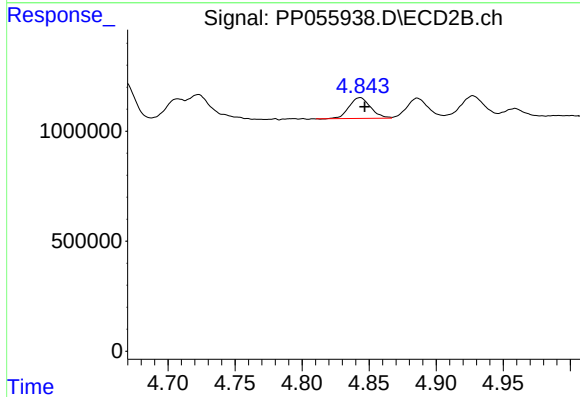
R.T.: 4.667 min
Delta R.T.: -0.003 min
Response: 2038054
Conc: 69.44 ng/ml



#13 AR-1232-3

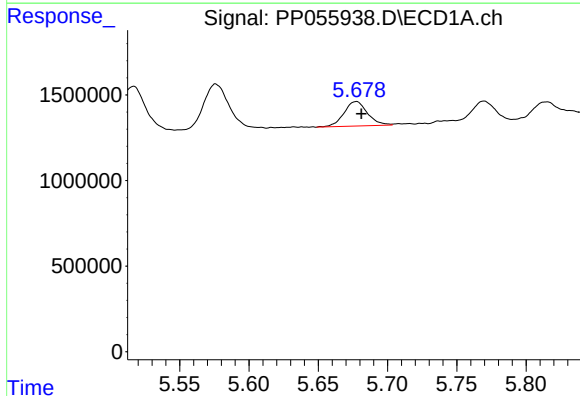
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 3341884
Conc: 84.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



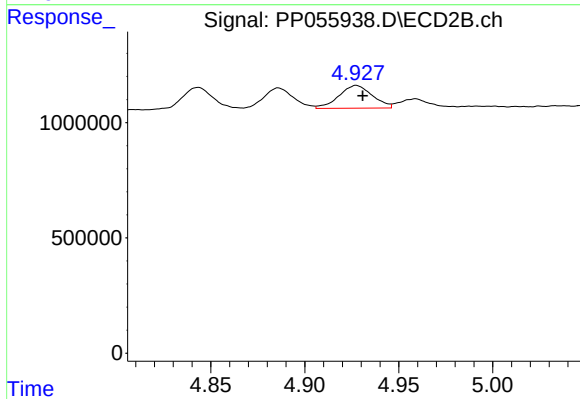
#13 AR-1232-3

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 1060792
Conc: 69.80 ng/ml



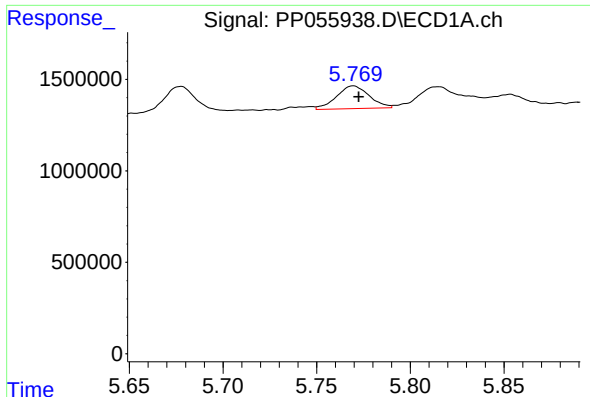
#14 AR-1232-4

R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 1692106
Conc: 86.38 ng/ml



#14 AR-1232-4

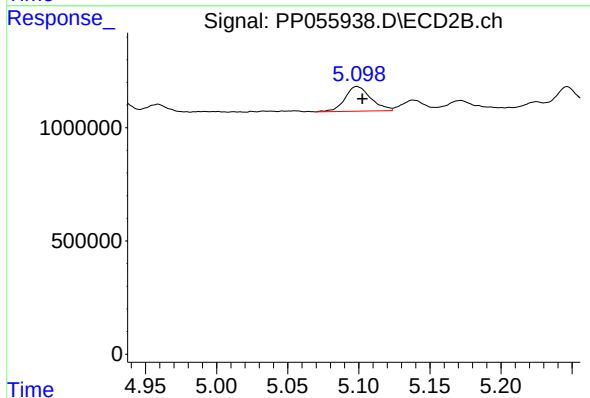
R.T.: 4.927 min
Delta R.T.: -0.003 min
Response: 1231443
Conc: 81.23 ng/ml



#15 AR-1232-5

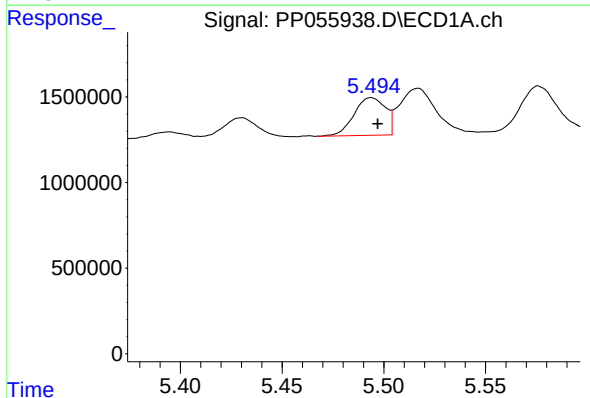
R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 1513533
Conc: 94.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



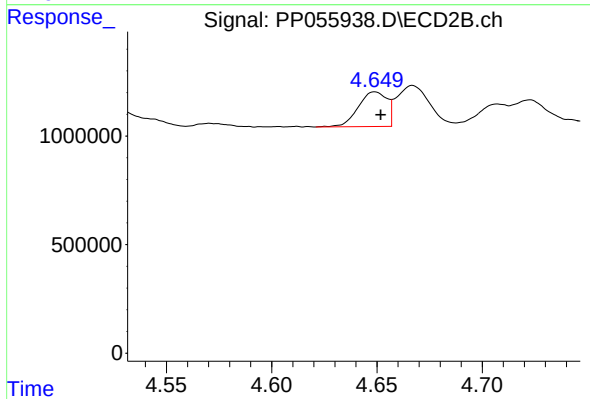
#15 AR-1232-5

R.T.: 5.099 min
Delta R.T.: -0.004 min
Response: 1381411
Conc: 84.28 ng/ml



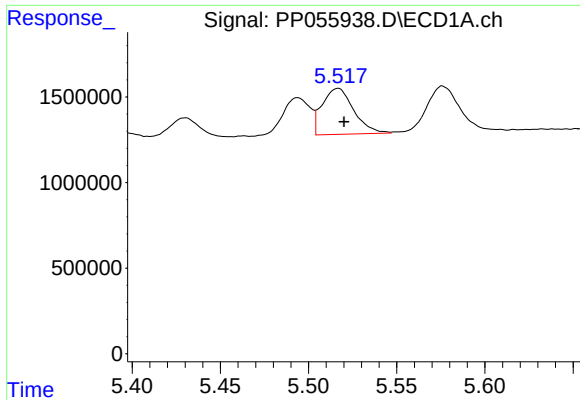
#16 AR-1242-1

R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 2365205
Conc: 48.98 ng/ml



#16 AR-1242-1

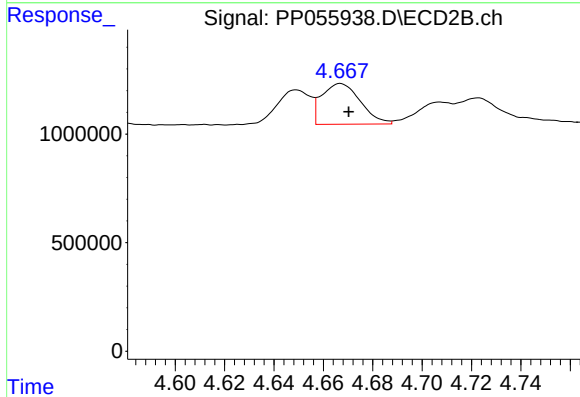
R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 1513424
Conc: 41.13 ng/ml



#17 AR-1242-2

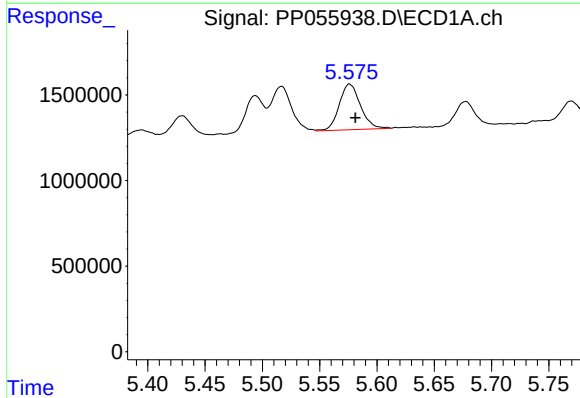
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 3341884
Conc: 47.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



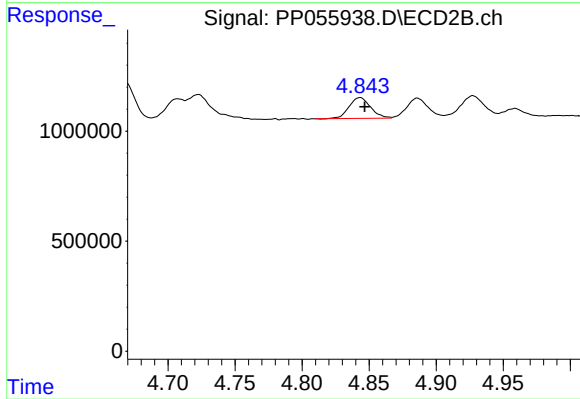
#17 AR-1242-2

R.T.: 4.667 min
Delta R.T.: -0.003 min
Response: 2038054
Conc: 38.69 ng/ml



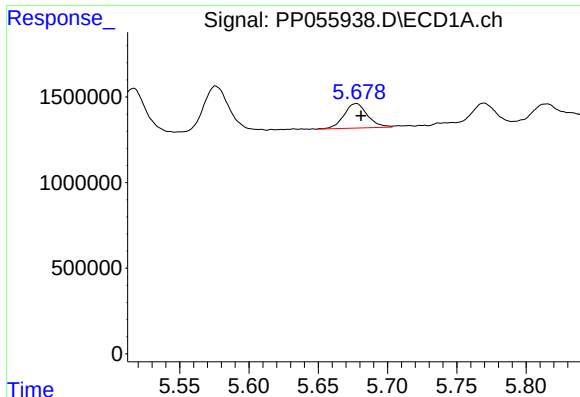
#18 AR-1242-3

R.T.: 5.576 min
Delta R.T.: -0.005 min
Response: 3454653
Conc: 77.43 ng/ml



#18 AR-1242-3

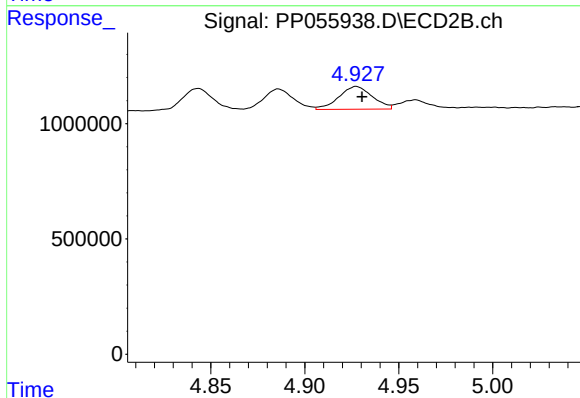
R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 1060792
Conc: 37.47 ng/ml



#19 AR-1242-4

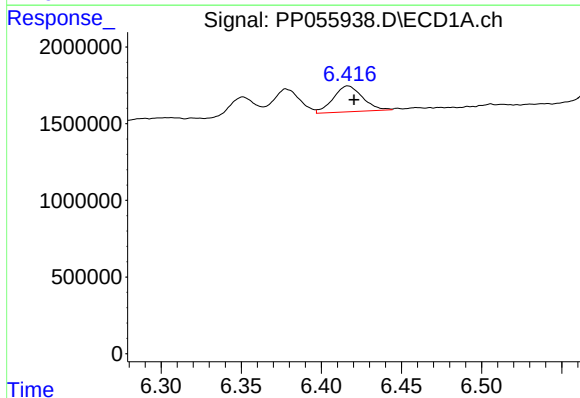
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 1692106
Conc: 46.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



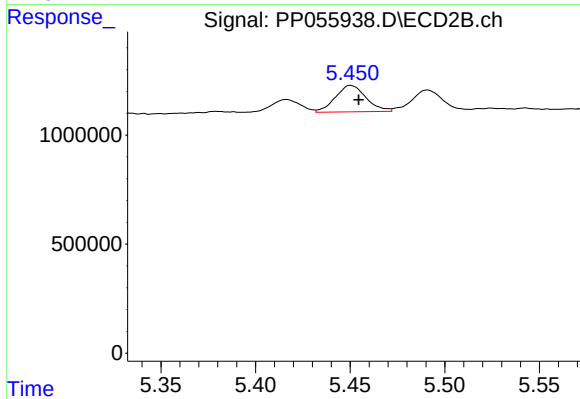
#19 AR-1242-4

R.T.: 4.927 min
Delta R.T.: -0.003 min
Response: 1231443
Conc: 39.91 ng/ml



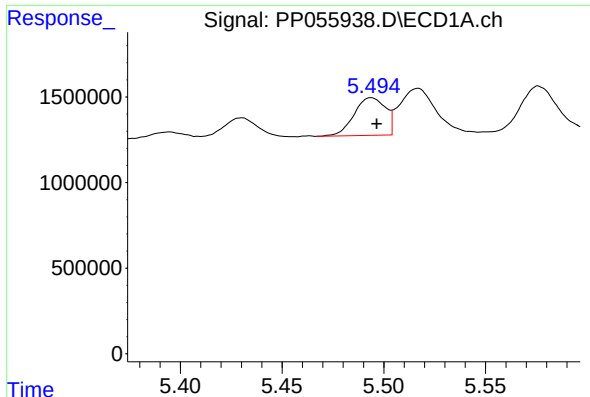
#20 AR-1242-5

R.T.: 6.417 min
Delta R.T.: -0.004 min
Response: 2149772
Conc: 51.32 ng/ml



#20 AR-1242-5

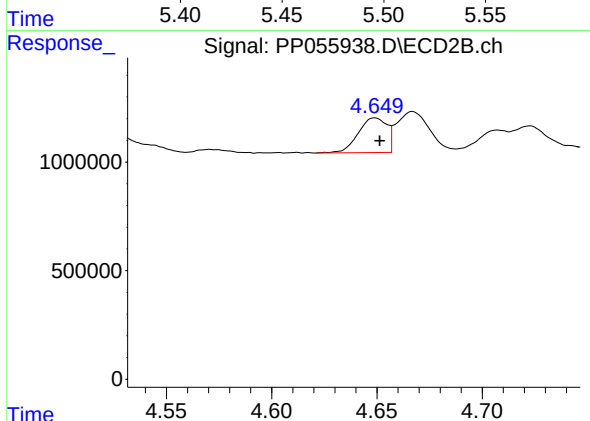
R.T.: 5.450 min
Delta R.T.: -0.004 min
Response: 1369981
Conc: 41.13 ng/ml



#21 AR-1248-1

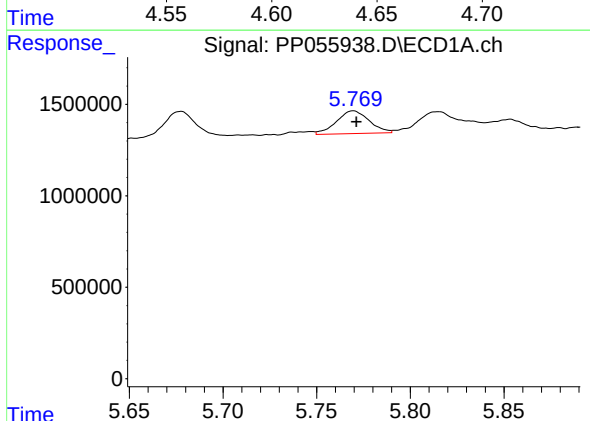
R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 2365205
Conc: 65.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



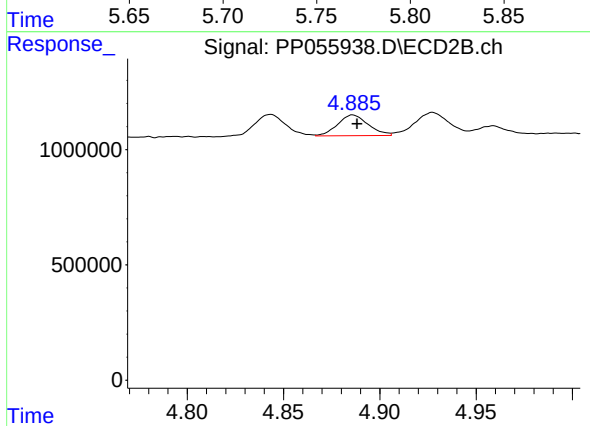
#21 AR-1248-1

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 1513424
Conc: 54.19 ng/ml



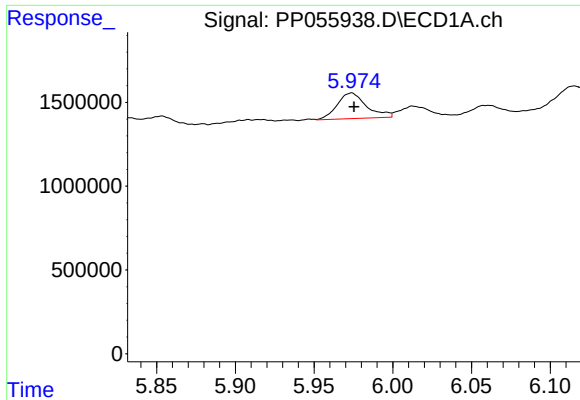
#22 AR-1248-2

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 1513533
Conc: 26.31 ng/ml



#22 AR-1248-2

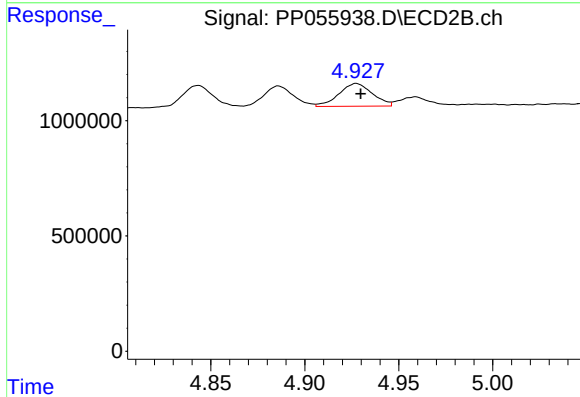
R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 997720
Conc: 23.45 ng/ml



#23 AR-1248-3

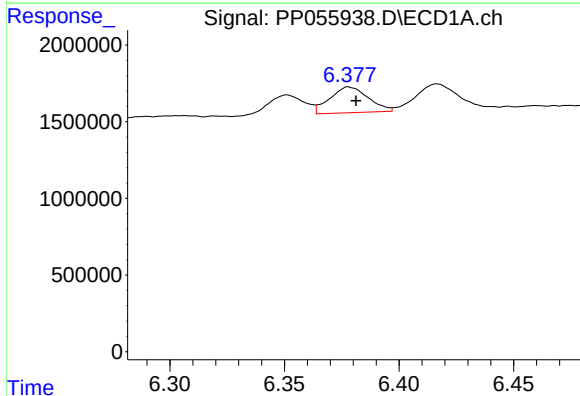
R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 1997210
Conc: 30.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



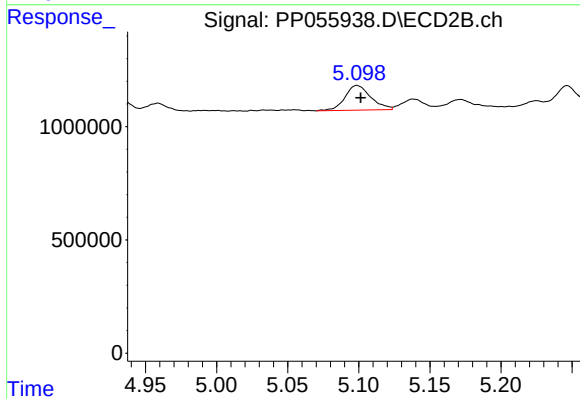
#23 AR-1248-3

R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 1231443
Conc: 27.67 ng/ml



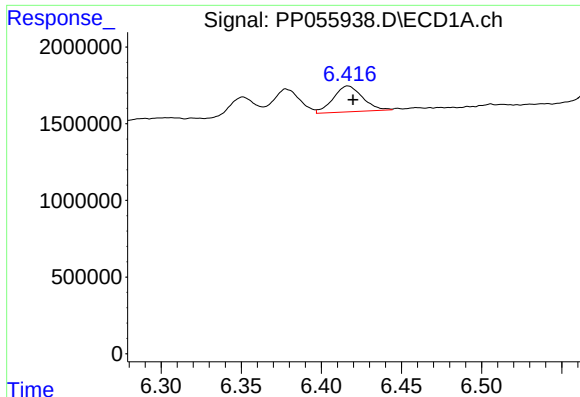
#24 AR-1248-4

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 1954650
Conc: 26.94 ng/ml



#24 AR-1248-4

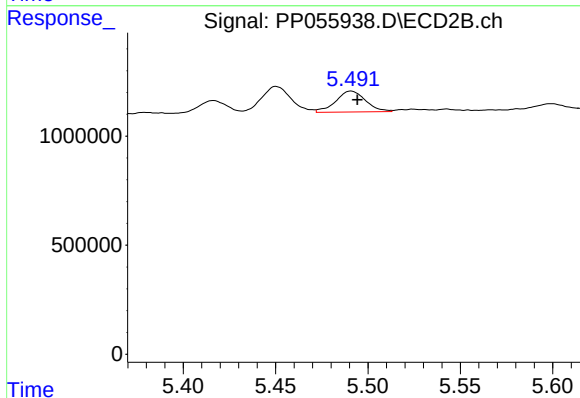
R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 1381411
Conc: 26.98 ng/ml



#25 AR-1248-5

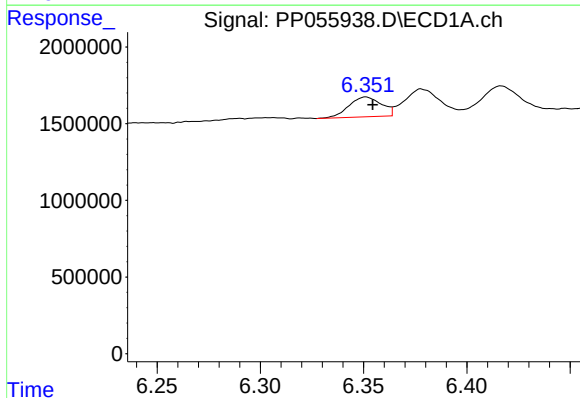
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 2149772
Conc: 30.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



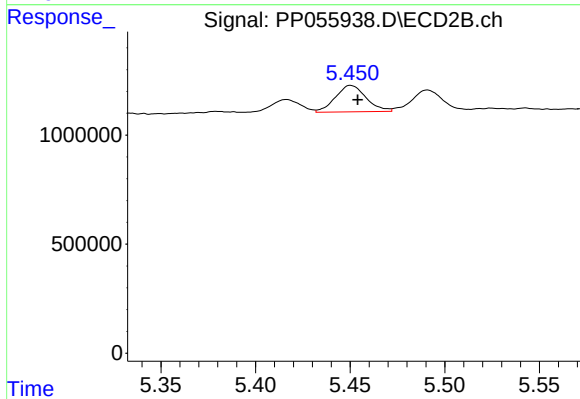
#25 AR-1248-5

R.T.: 5.491 min
Delta R.T.: -0.004 min
Response: 1080169
Conc: 24.51 ng/ml



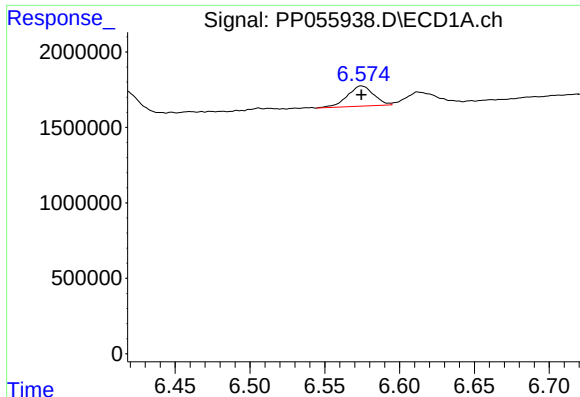
#26 AR-1254-1

R.T.: 6.351 min
Delta R.T.: -0.003 min
Response: 1412989
Conc: 19.22 ng/ml



#26 AR-1254-1

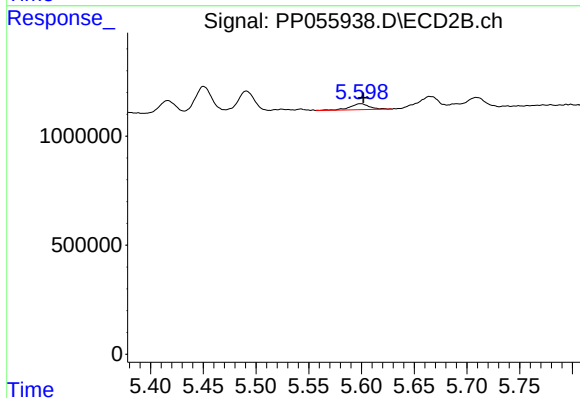
R.T.: 5.450 min
Delta R.T.: -0.004 min
Response: 1369981
Conc: 18.62 ng/ml



#27 AR-1254-2

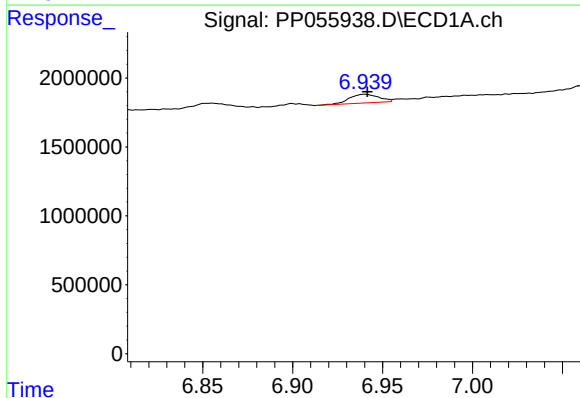
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 1647022
Conc: 14.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



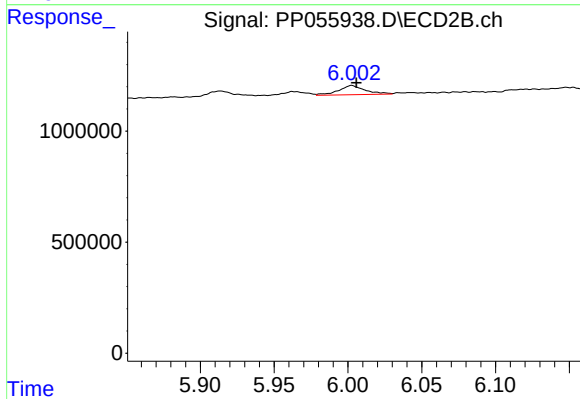
#27 AR-1254-2

R.T.: 5.599 min
Delta R.T.: -0.003 min
Response: 353159
Conc: 5.61 ng/ml



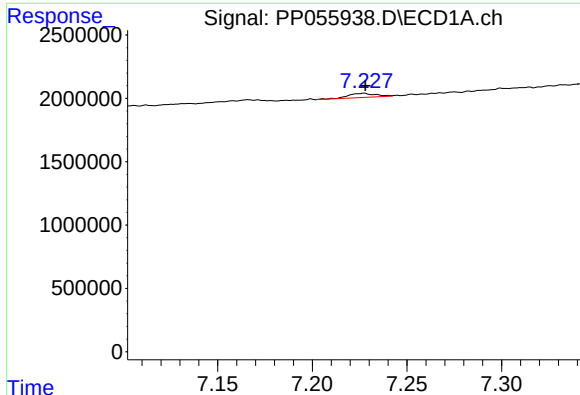
#28 AR-1254-3

R.T.: 6.940 min
Delta R.T.: -0.001 min
Response: 727762
Conc: 5.91 ng/ml



#28 AR-1254-3

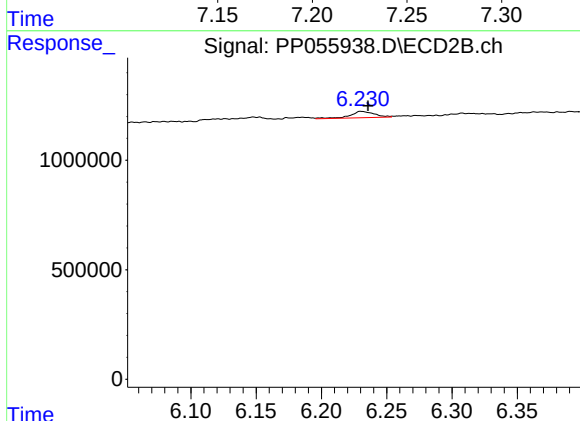
R.T.: 6.003 min
Delta R.T.: -0.003 min
Response: 518721
Conc: 5.29 ng/ml



#29 AR-1254-4

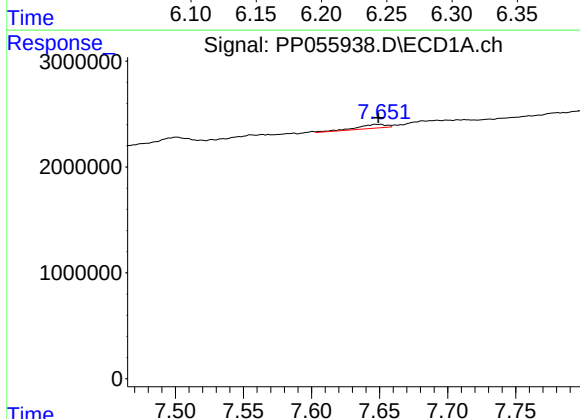
R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 332354
Conc: 3.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



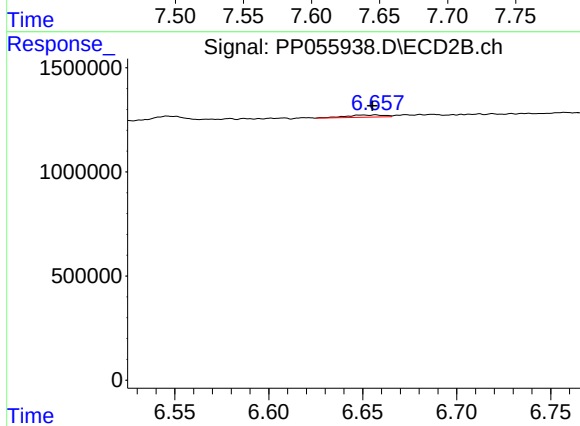
#29 AR-1254-4

R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 382490
Conc: 6.95 ng/ml



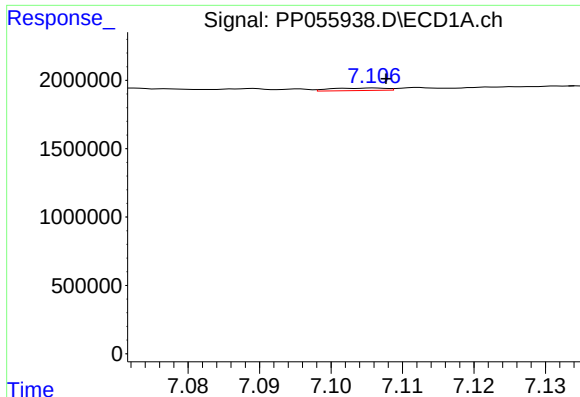
#30 AR-1254-5

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 571162
Conc: 5.43 ng/ml



#30 AR-1254-5

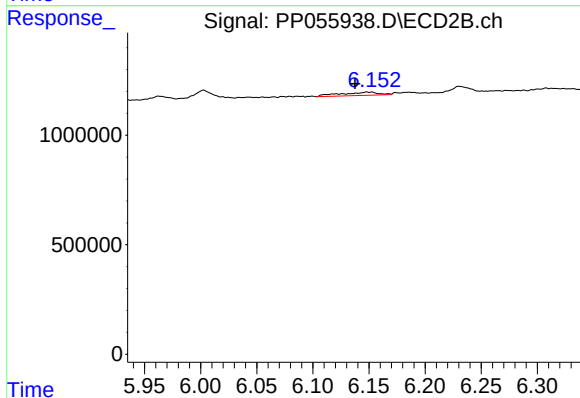
R.T.: 6.657 min
Delta R.T.: 0.002 min
Response: 147630
Conc: 1.82 ng/ml



#31 AR-1260-1

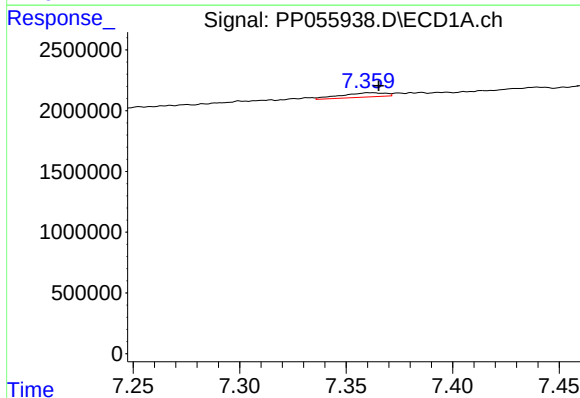
R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 94723
Conc: 0.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



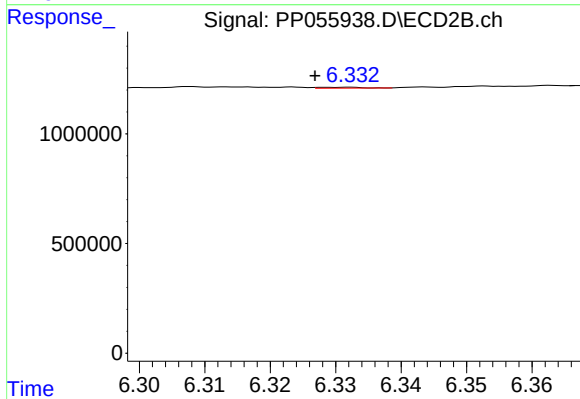
#31 AR-1260-1

R.T.: 6.148 min
Delta R.T.: 0.011 min
Response: 358166
Conc: 4.91 ng/ml



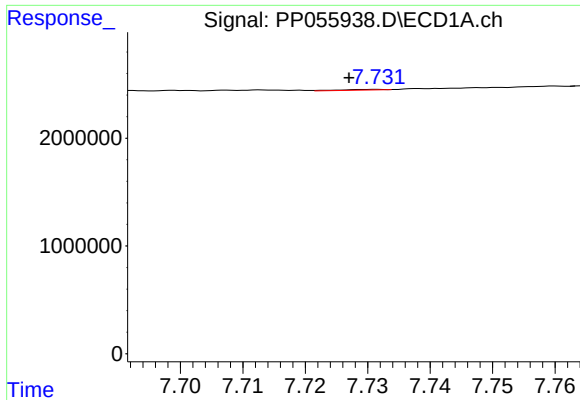
#32 AR-1260-2

R.T.: 7.363 min
Delta R.T.: -0.002 min
Response: 518537
Conc: 4.12 ng/ml



#32 AR-1260-2

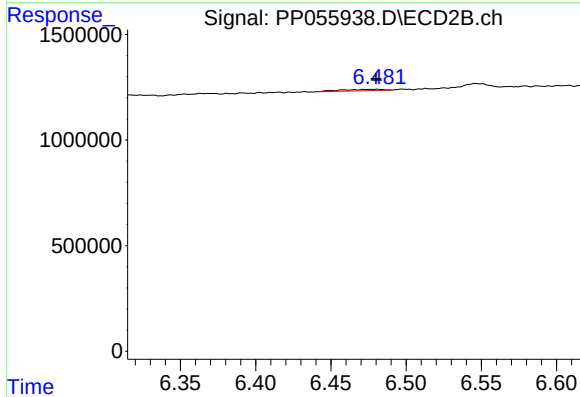
R.T.: 6.331 min
Delta R.T.: 0.004 min
Response: 18247
Conc: 0.22 ng/ml



#33 AR-1260-3

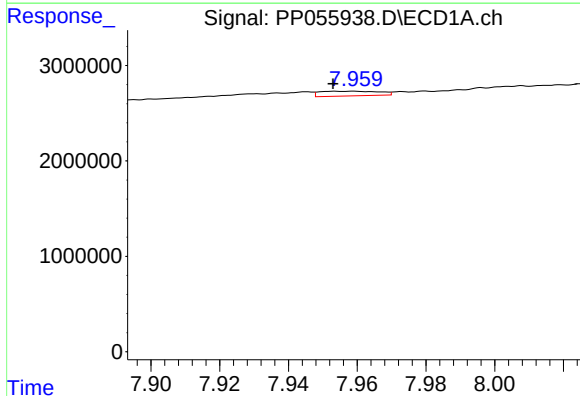
R.T.: 7.731 min
Delta R.T.: 0.004 min
Response: 28925
Conc: 0.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



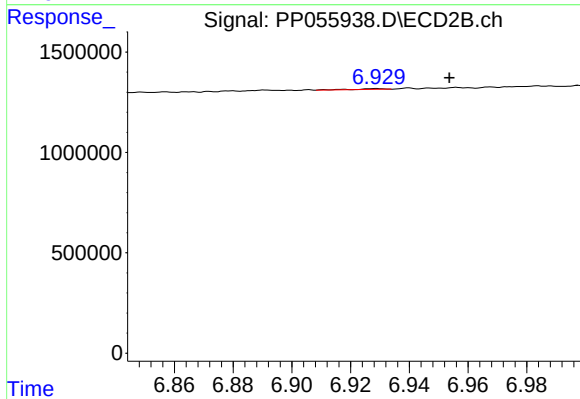
#33 AR-1260-3

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 132435
Conc: 1.57 ng/ml



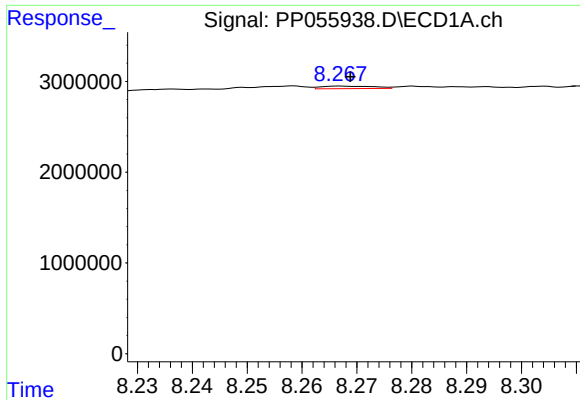
#34 AR-1260-4

R.T.: 7.959 min
Delta R.T.: 0.006 min
Response: 592515
Conc: 5.51 ng/ml



#34 AR-1260-4

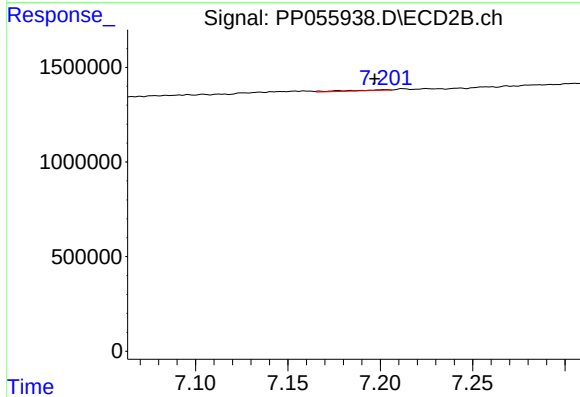
R.T.: 6.929 min
Delta R.T.: -0.025 min
Response: 28067
Conc: 0.44 ng/ml



#35 AR-1260-5

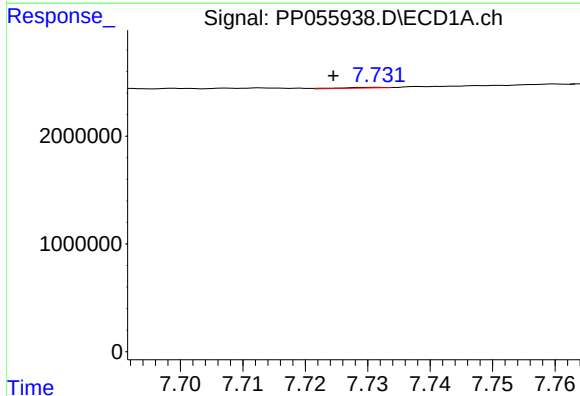
R.T.: 8.267 min
Delta R.T.: -0.002 min
Response: 186425
Conc: 0.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



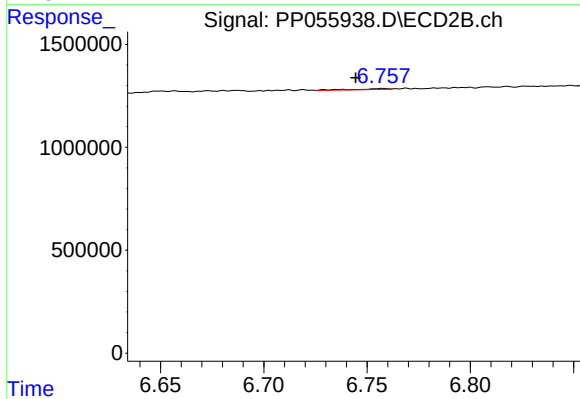
#35 AR-1260-5

R.T.: 7.202 min
Delta R.T.: 0.005 min
Response: 75203
Conc: 0.56 ng/ml



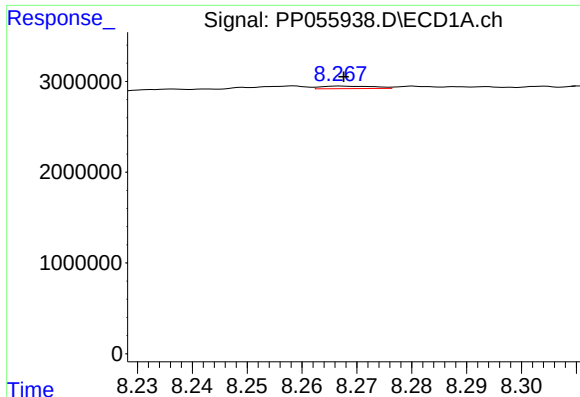
#36 AR-1262-1

R.T.: 7.731 min
Delta R.T.: 0.007 min
Response: 28925
Conc: 0.25 ng/ml



#36 AR-1262-1

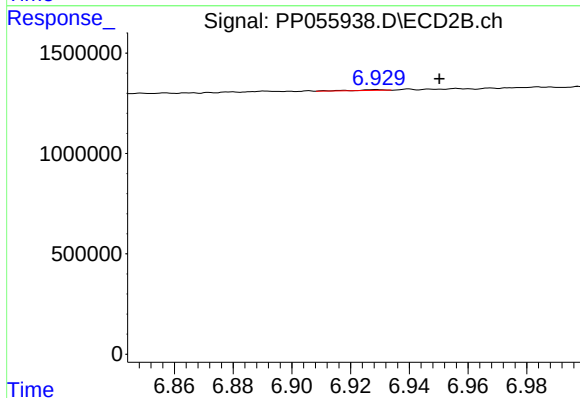
R.T.: 6.758 min
Delta R.T.: 0.013 min
Response: 59610
Conc: 1.69 ng/ml



#37 AR-1262-2

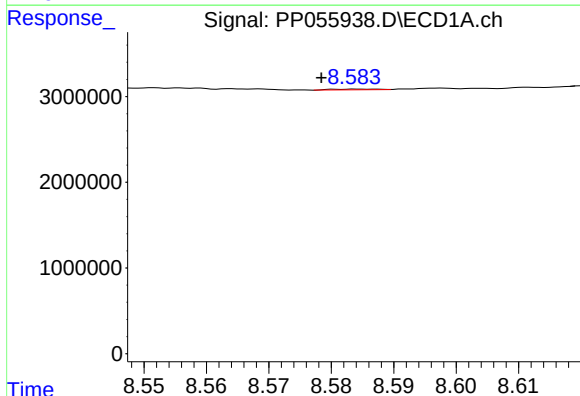
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 186425
Conc: 0.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



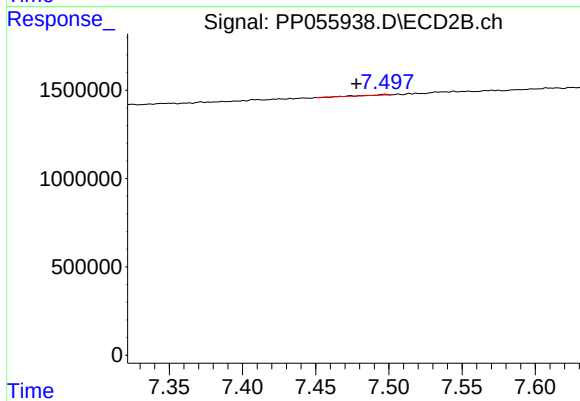
#37 AR-1262-2

R.T.: 6.929 min
Delta R.T.: -0.022 min
Response: 28067
Conc: 0.38 ng/ml



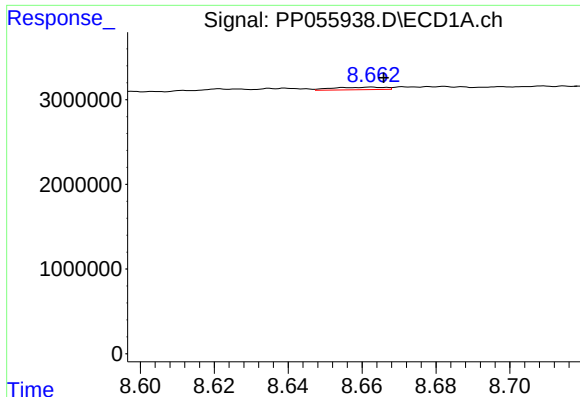
#38 AR-1262-3

R.T.: 8.584 min
Delta R.T.: 0.006 min
Response: 44642
Conc: 0.29 ng/ml



#38 AR-1262-3

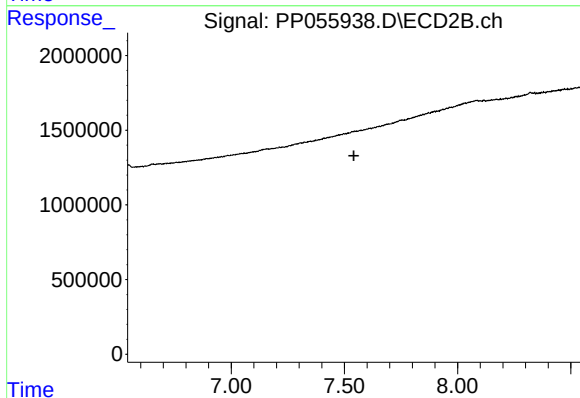
R.T.: 7.497 min
Delta R.T.: 0.019 min
Response: 27864
Conc: 0.50 ng/ml



#39 AR-1262-4

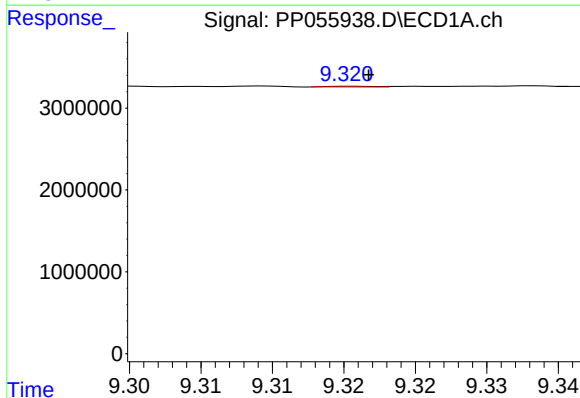
R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 294973
Conc: 3.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



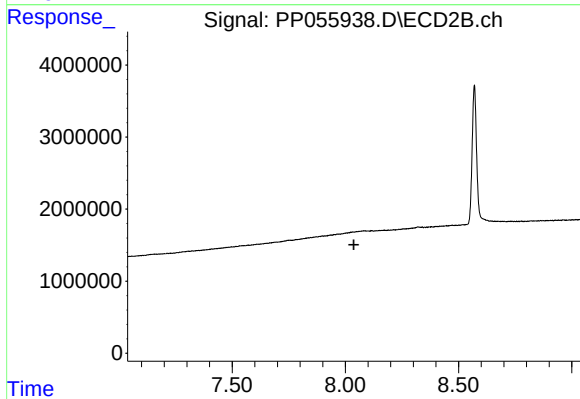
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.542 min
Response: 0
Conc: N.D.



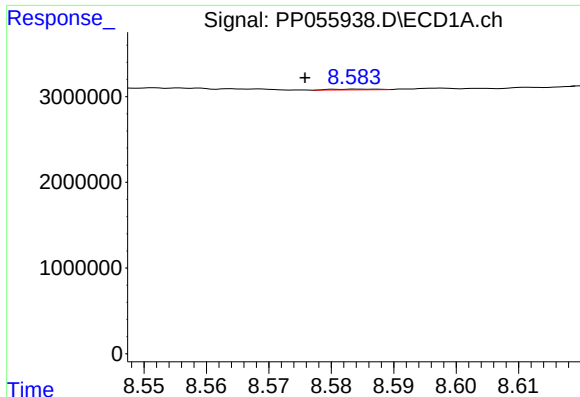
#40 AR-1262-5

R.T.: 9.321 min
Delta R.T.: -0.001 min
Response: 18429
Conc: 0.22 ng/ml



#40 AR-1262-5

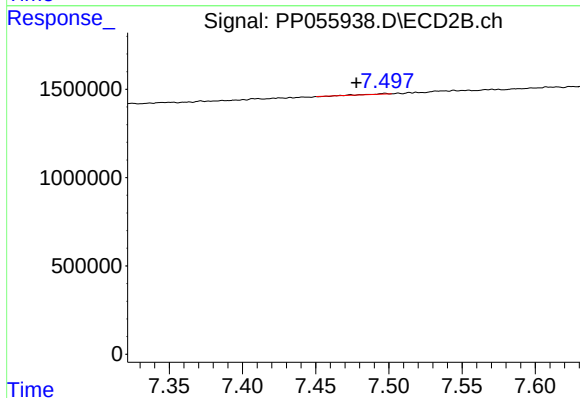
R.T.: 0.000 min
Exp R.T. : 8.038 min
Response: 0
Conc: N.D.



#41 AR-1268-1

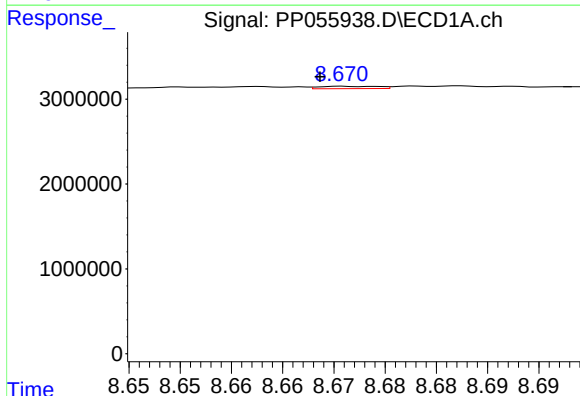
R.T.: 8.584 min
Delta R.T.: 0.008 min
Response: 44642
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



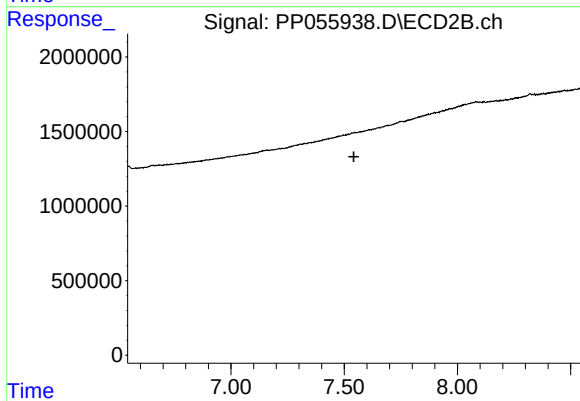
#41 AR-1268-1

R.T.: 7.497 min
Delta R.T.: 0.019 min
Response: 27864
Conc: 0.17 ng/ml



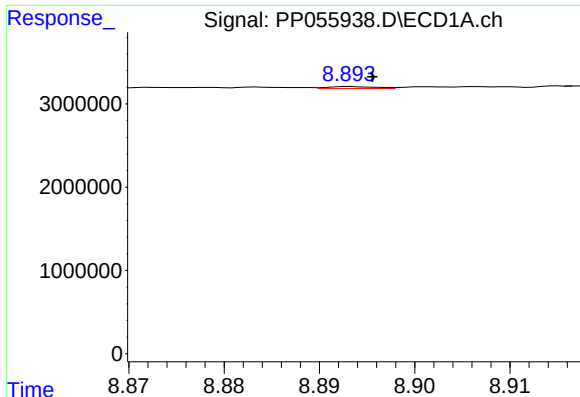
#42 AR-1268-2

R.T.: 8.671 min
Delta R.T.: 0.002 min
Response: 116021
Conc: 0.44 ng/ml



#42 AR-1268-2

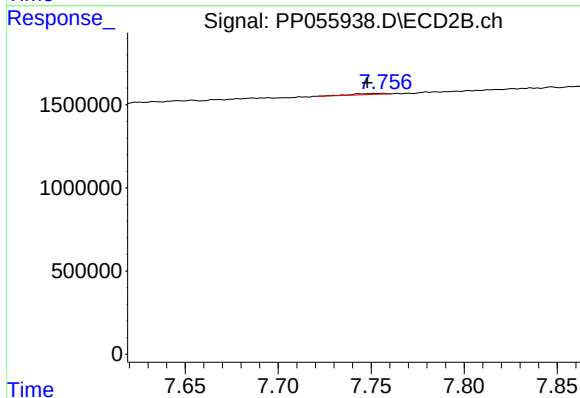
R.T.: 0.000 min
Exp R.T. : 7.543 min
Response: 0
Conc: N.D.



#43 AR-1268-3

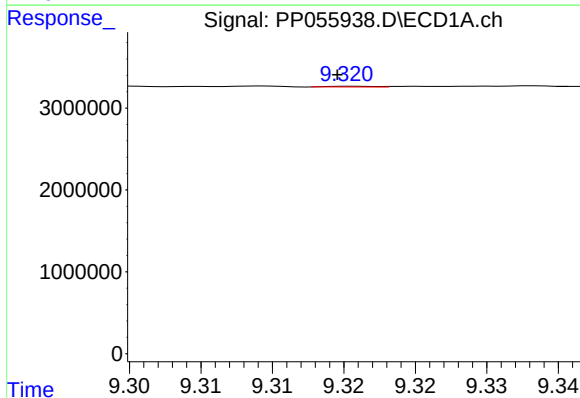
R.T.: 8.893 min
Delta R.T.: -0.002 min
Response: 86702
Conc: 0.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



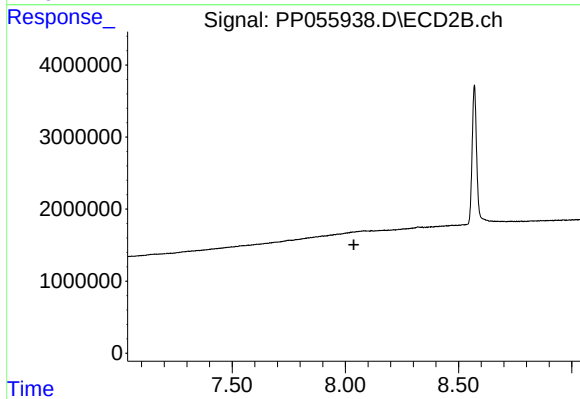
#43 AR-1268-3

R.T.: 7.755 min
Delta R.T.: 0.007 min
Response: 73078
Conc: 0.53 ng/ml



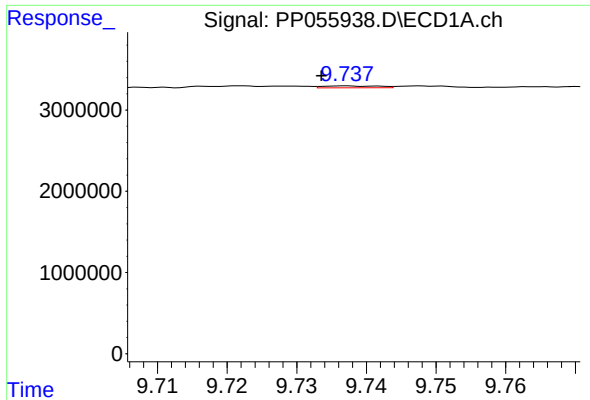
#44 AR-1268-4

R.T.: 9.321 min
Delta R.T.: 0.001 min
Response: 18429
Conc: 0.19 ng/ml



#44 AR-1268-4

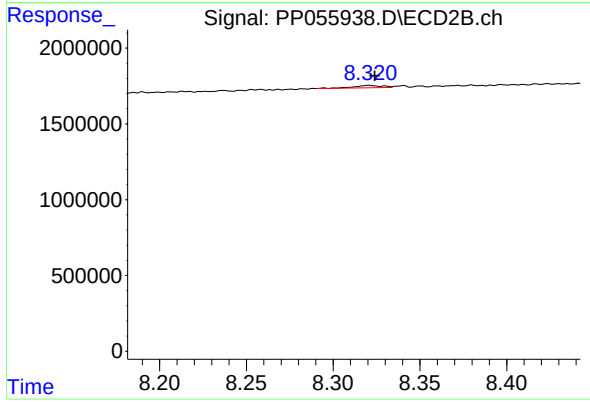
R.T.: 0.000 min
Exp R.T. : 8.037 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.737 min
Delta R.T.: 0.003 min
Response: 132042
Conc: 0.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.320 min
Delta R.T.: -0.004 min
Response: 176181
Conc: 0.44 ng/ml