

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042423\
 Data File : PP057177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2023 14:36
 Operator : YP\AJ
 Sample : 02470-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 22:38:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 16:59:40 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...	4.404	3.632	46372456	36136583	20.964	21.391
2)	SA Decachlor...	10.219	8.688	36386686	36493850	22.674	20.400
Target Compounds							
3)	L1 AR-1016-1	5.581	4.729	763950	646152	12.178	11.375
4)	L1 AR-1016-2	5.606	4.754	2600296	1235059	28.496	15.413 #
5)	L1 AR-1016-3	5.667	4.927	560777	636148	9.723	14.645 #
6)	L1 AR-1016-4	5.741f	4.968	881725	714348	19.403	18.409
7)	L1 AR-1016-5	6.046	5.185	899596	-174144	18.670	N.D. #
8)	L2 AR-1221-1	4.611	3.837	1022272	301661	38.295	14.133 #
9)	L2 AR-1221-2	4.711	3.934	663916	1129451	34.113	70.234 #
10)	L2 AR-1221-3	4.777	4.009	88491	260058	1.509	5.291 #
11)	L3 AR-1232-1	4.777	4.009	88491	260058	1.825	6.474 #
12)	L3 AR-1232-2	5.310	4.754	1385113	1235059	55.765	34.142 #
13)	L3 AR-1232-3	5.606	4.927	2600296	636148	62.516	33.097 #
14)	L3 AR-1232-4	5.741f	5.008	881725	358405	42.686	18.088 #
15)	L3 AR-1232-5	5.856	5.185	1054445	-174144	55.775	N.D. #
16)	L4 AR-1242-1	5.581	4.729	763950	646152	14.925	13.809
17)	L4 AR-1242-2	5.606	4.754	2600296	1235059	34.717	19.015 #
18)	L4 AR-1242-3	5.667	4.927	560777	636148	11.905	17.910 #
19)	L4 AR-1242-4	5.741f	5.008	881725	358405	23.637	9.014 #
20)	L4 AR-1242-5	6.477f	5.541	6582291	9183331	195.418	205.275
21)	L5 AR-1248-1	5.581	4.729	763950	646152	19.871	18.319
22)	L5 AR-1248-2	5.856	4.968	1054445	714348	16.733	12.868
23)	L5 AR-1248-3	6.046	5.008	899596	358405	13.476	6.190 #
24)	L5 AR-1248-4	6.477	5.185	6582291	-174144	111.203	N.D. #
25)	L5 AR-1248-5	6.477f	5.582	6582291	1242168	113.385	21.377 #
26)	L6 AR-1254-1	6.443	5.541	8726342	9183331	115.548	91.129
27)	L6 AR-1254-2	6.665	5.687	6465108	2172050	59.609	24.308 #
28)	L6 AR-1254-3	7.030	6.093	10259285	12557628	99.110	89.631
29)	L6 AR-1254-4	7.315	6.323	2560249	847380	41.210	11.247 #
30)	L6 AR-1254-5	7.756f	6.742	21437521	23412063	297.613	190.190 #
31)	L7 AR-1260-1	7.194	6.224	7309670	9694345	83.928	95.667
32)	L7 AR-1260-2	7.447	6.412	12940930	5431279	140.919	46.728 #
33)	L7 AR-1260-3	7.814	6.567	4273369	7009802	58.889	63.364
34)	L7 AR-1260-4	8.039	7.042	6233523	4686695	74.181	51.165 #
35)	L7 AR-1260-5	8.365	7.284	7267547	8547758	50.641	47.358
36)	L8 AR-1262-1	7.814	6.834	4273369	3424383	42.336	59.991 #
37)	L8 AR-1262-2	8.365	7.042	7267547	4686695	49.689	40.338
38)	L8 AR-1262-3	8.692	7.569	5473715	2610231	51.025	28.804 #
39)	L8 AR-1262-4	8.773	7.633	3424245	7020341	40.969	44.673
40)	L8 AR-1262-5	9.445	8.130	1407672	1889328	29.374	27.630
41)	L9 AR-1268-1	8.692	7.569	5473715	2610231	25.950	9.397 #

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 Sample : 02470-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

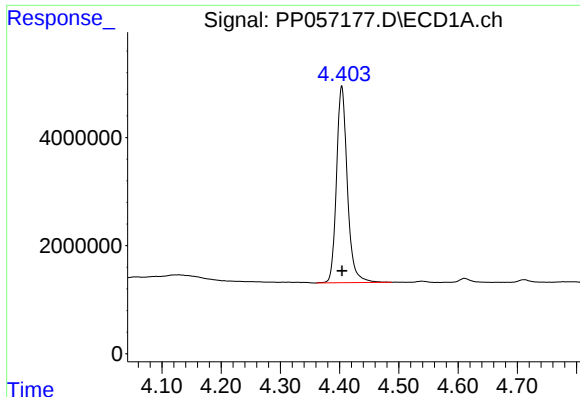
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 22:38:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.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	8.773	7.633	3424245	7020341	19.118	28.149 #
43) L9	AR-1268-3	9.010	7.843	2131783	2556875	12.069	11.555
44) L9	AR-1268-4	9.445	8.130	1407672	1889328	24.823	23.619
45) L9	AR-1268-5	9.870	8.427	5379594	5986242	11.317	10.106

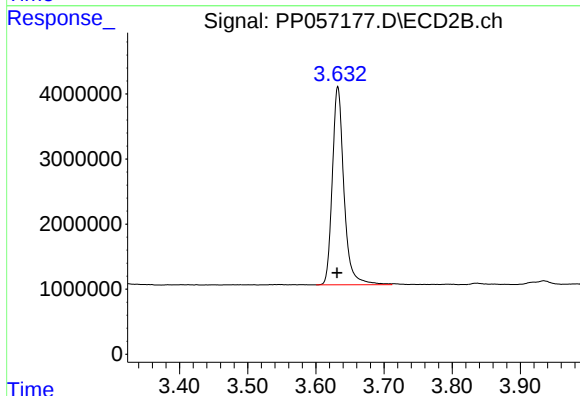
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

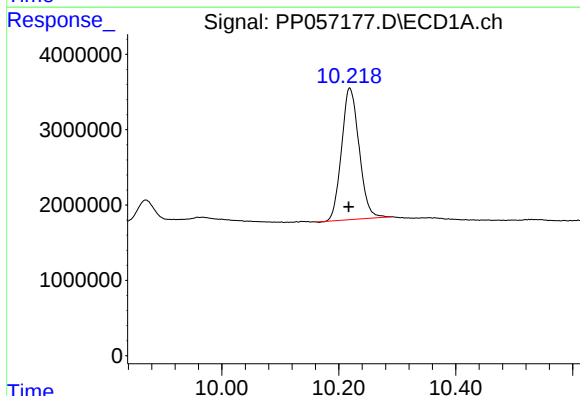
R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 46372456
Conc: 20.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



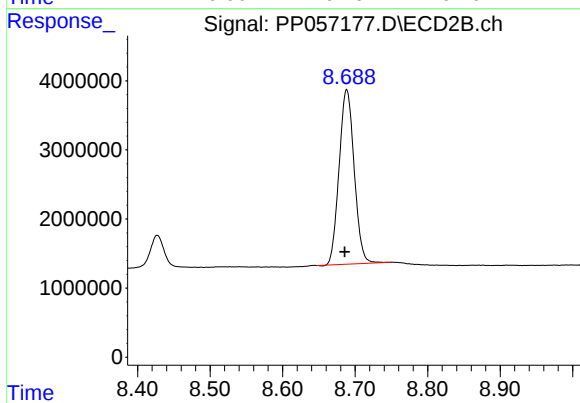
#1 Tetrachloro-m-xylene

R.T.: 3.632 min
Delta R.T.: 0.001 min
Response: 36136583
Conc: 21.39 ng/ml



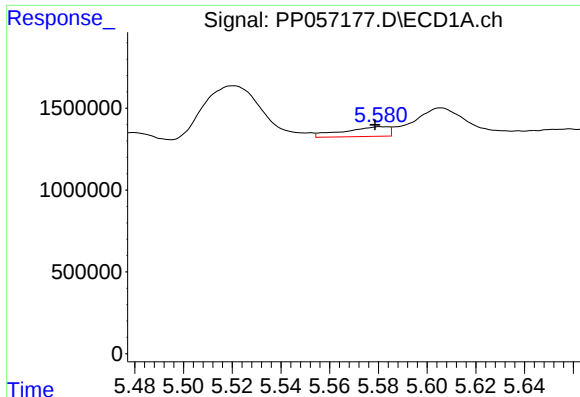
#2 Decachlorobiphenyl

R.T.: 10.219 min
Delta R.T.: 0.002 min
Response: 36386686
Conc: 22.67 ng/ml



#2 Decachlorobiphenyl

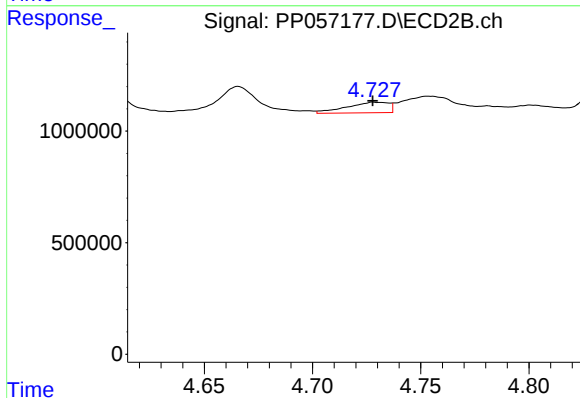
R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 36493850
Conc: 20.40 ng/ml



#3 AR-1016-1

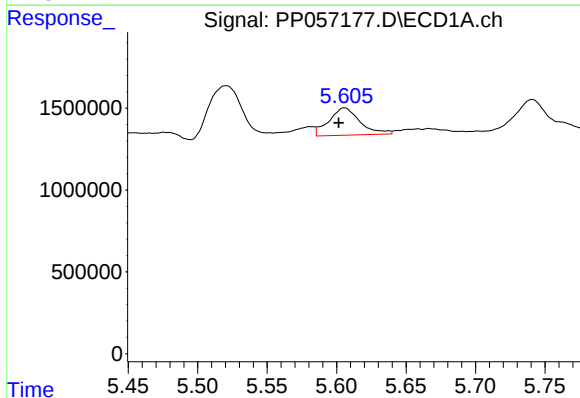
R.T.: 5.581 min
Delta R.T.: 0.003 min
Response: 763950
Conc: 12.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



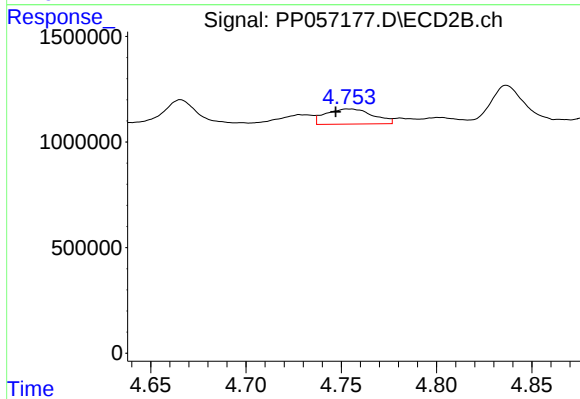
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 646152
Conc: 11.37 ng/ml



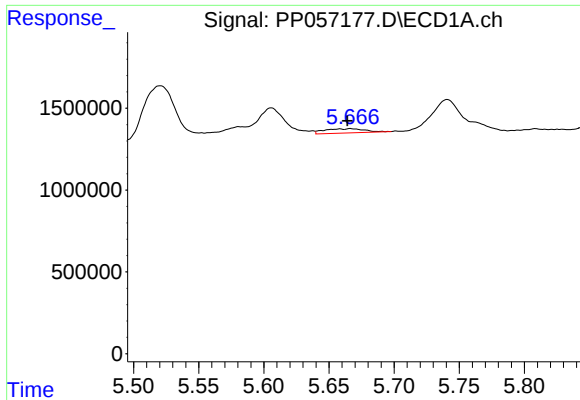
#4 AR-1016-2

R.T.: 5.606 min
Delta R.T.: 0.004 min
Response: 2600296
Conc: 28.50 ng/ml



#4 AR-1016-2

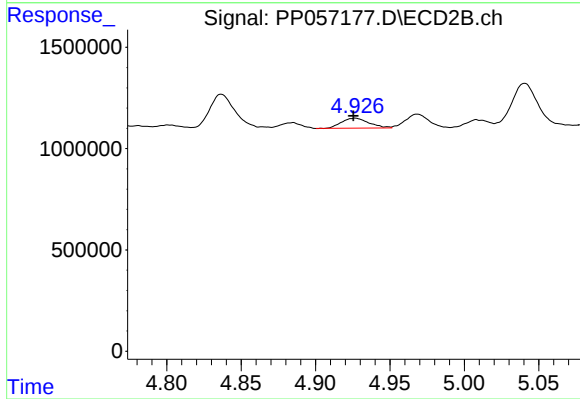
R.T.: 4.754 min
Delta R.T.: 0.007 min
Response: 1235059
Conc: 15.41 ng/ml



#5 AR-1016-3

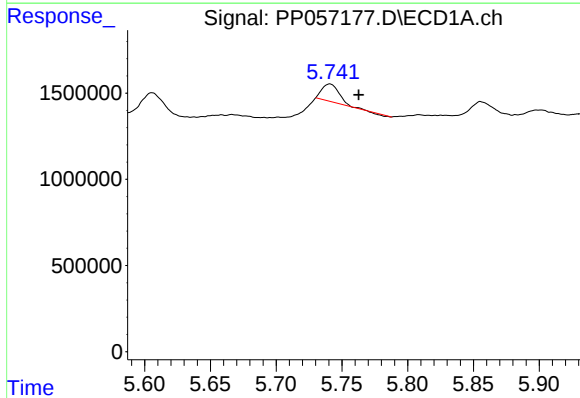
R.T.: 5.667 min
Delta R.T.: 0.003 min
Response: 560777
Conc: 9.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



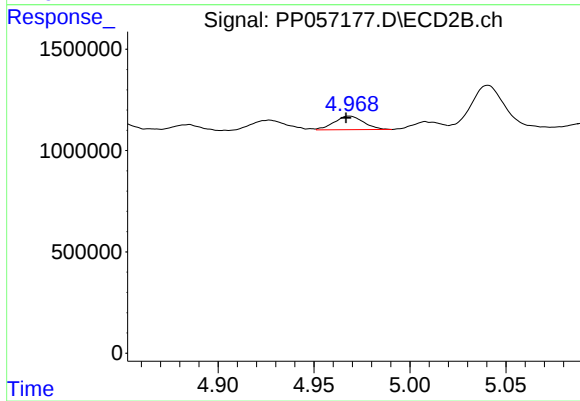
#5 AR-1016-3

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 636148
Conc: 14.65 ng/ml



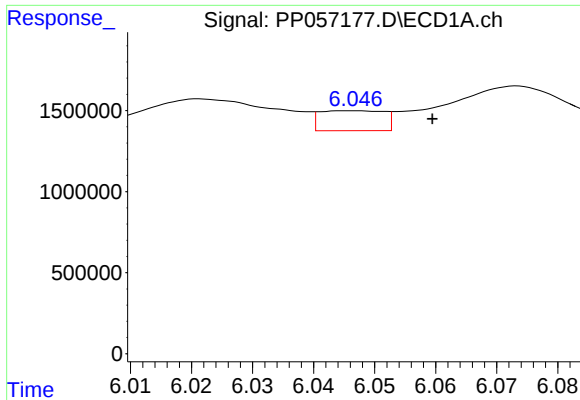
#6 AR-1016-4

R.T.: 5.741 min
Delta R.T.: -0.022 min
Response: 881725
Conc: 19.40 ng/ml



#6 AR-1016-4

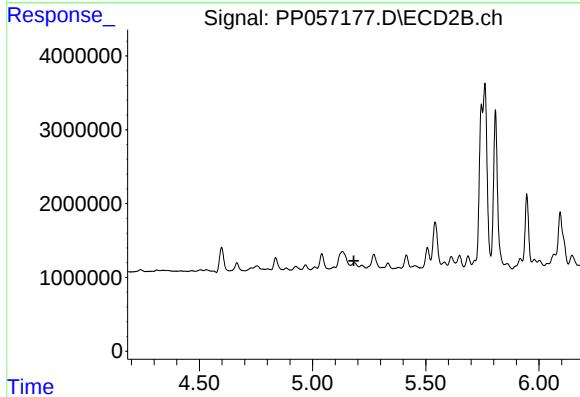
R.T.: 4.968 min
Delta R.T.: 0.002 min
Response: 714348
Conc: 18.41 ng/ml



#7 AR-1016-5

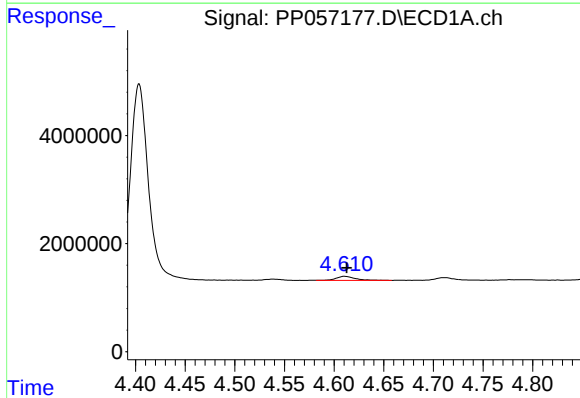
R.T.: 6.046 min
Delta R.T.: -0.013 min
Response: 899596
Conc: 18.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



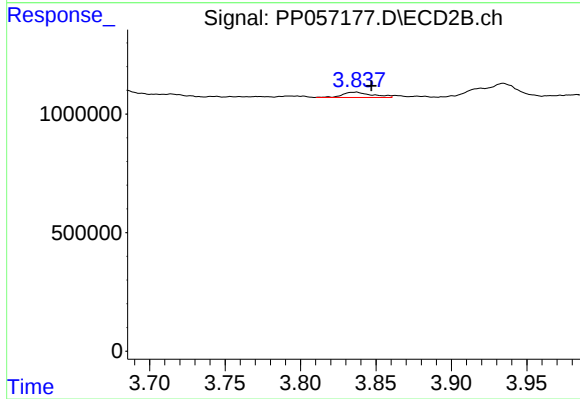
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: 0.003 min
Response: -174144
Conc: N.D.



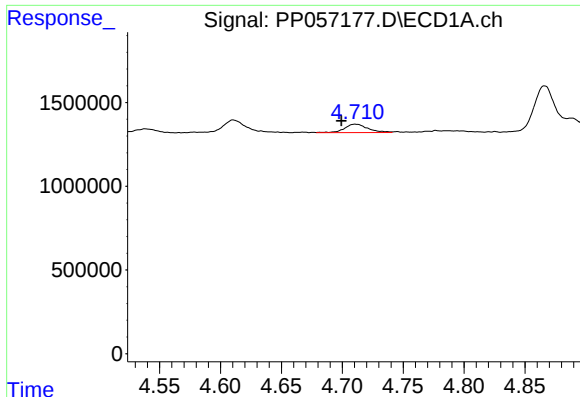
#8 AR-1221-1

R.T.: 4.611 min
Delta R.T.: -0.002 min
Response: 1022272
Conc: 38.29 ng/ml



#8 AR-1221-1

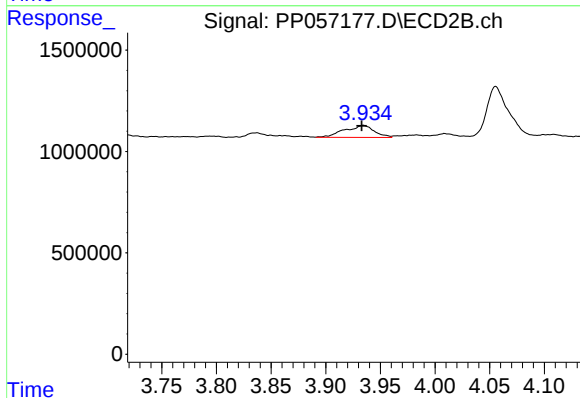
R.T.: 3.837 min
Delta R.T.: -0.010 min
Response: 301661
Conc: 14.13 ng/ml



#9 AR-1221-2

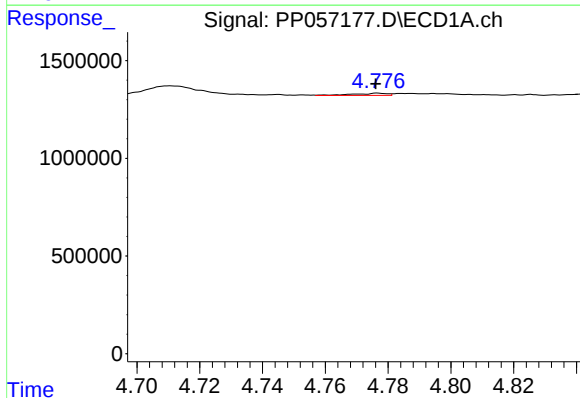
R.T.: 4.711 min
Delta R.T.: 0.011 min
Response: 663916
Conc: 34.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



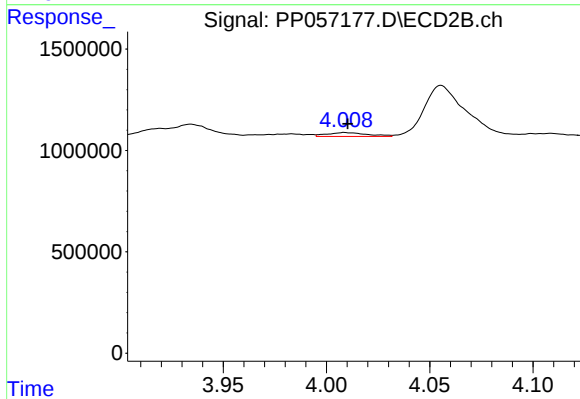
#9 AR-1221-2

R.T.: 3.934 min
Delta R.T.: 0.001 min
Response: 1129451
Conc: 70.23 ng/ml



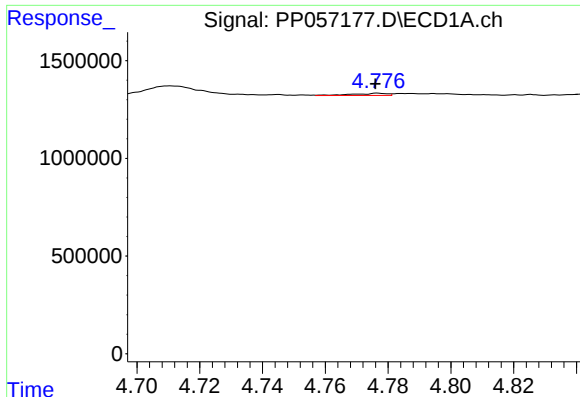
#10 AR-1221-3

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 88491
Conc: 1.51 ng/ml



#10 AR-1221-3

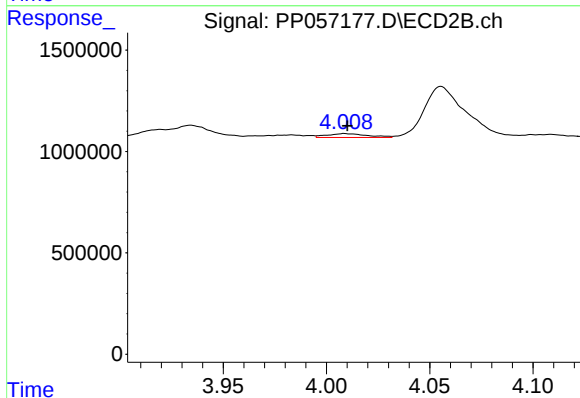
R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 260058
Conc: 5.29 ng/ml



#11 AR-1232-1

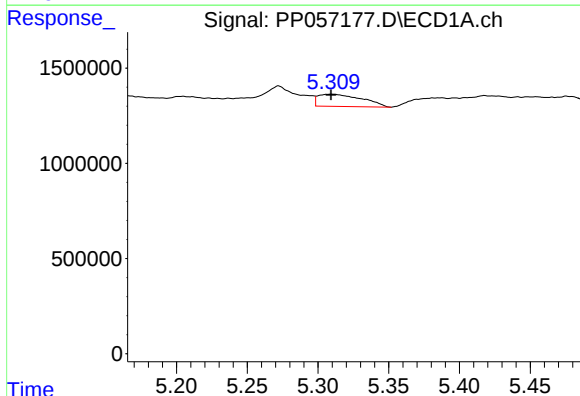
R.T.: 4.777 min
Delta R.T.: 0.001 min
Response: 88491
Conc: 1.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



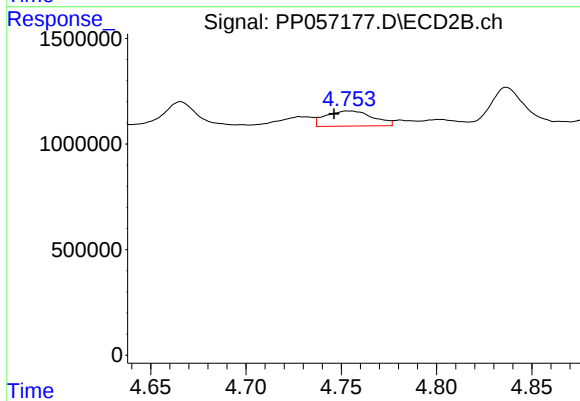
#11 AR-1232-1

R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 260058
Conc: 6.47 ng/ml



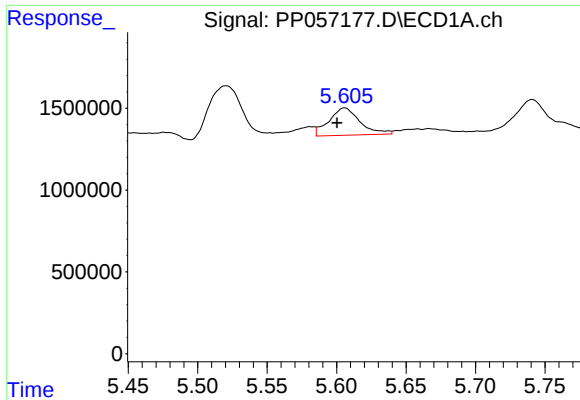
#12 AR-1232-2

R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 1385113
Conc: 55.77 ng/ml



#12 AR-1232-2

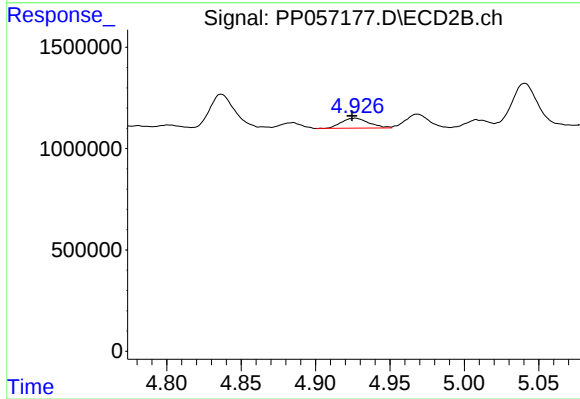
R.T.: 4.754 min
Delta R.T.: 0.008 min
Response: 1235059
Conc: 34.14 ng/ml



#13 AR-1232-3

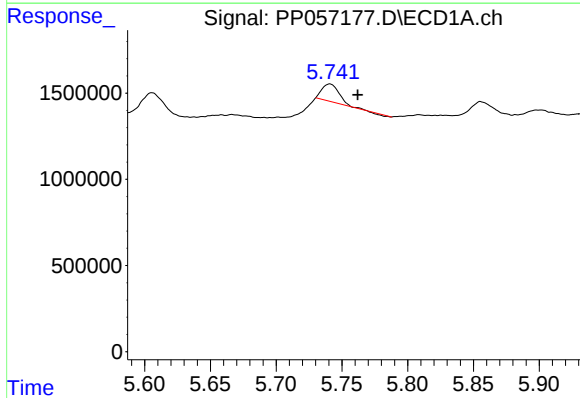
R.T.: 5.606 min
Delta R.T.: 0.005 min
Response: 2600296
Conc: 62.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



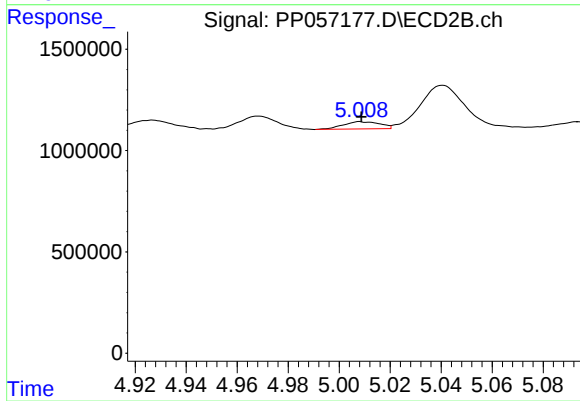
#13 AR-1232-3

R.T.: 4.927 min
Delta R.T.: 0.002 min
Response: 636148
Conc: 33.10 ng/ml



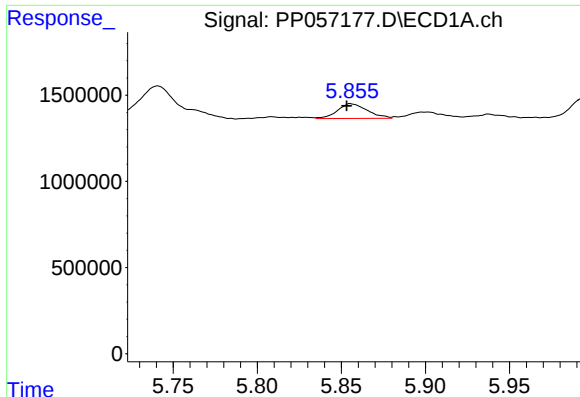
#14 AR-1232-4

R.T.: 5.741 min
Delta R.T.: -0.021 min
Response: 881725
Conc: 42.69 ng/ml



#14 AR-1232-4

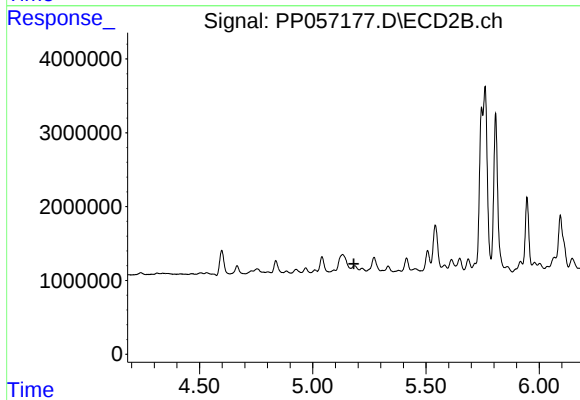
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 358405
Conc: 18.09 ng/ml



#15 AR-1232-5

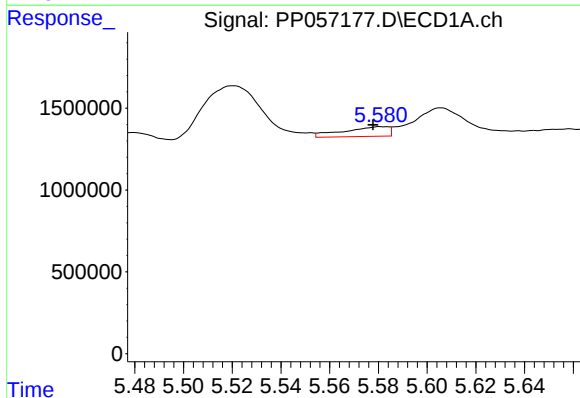
R.T.: 5.856 min
Delta R.T.: 0.002 min
Response: 1054445
Conc: 55.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



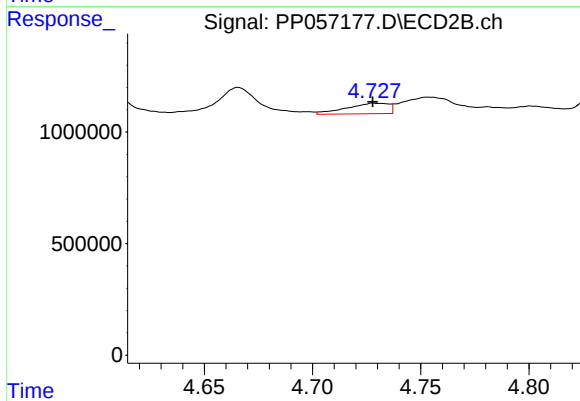
#15 AR-1232-5

R.T.: 5.185 min
Delta R.T.: 0.004 min
Response: -174144
Conc: N.D.



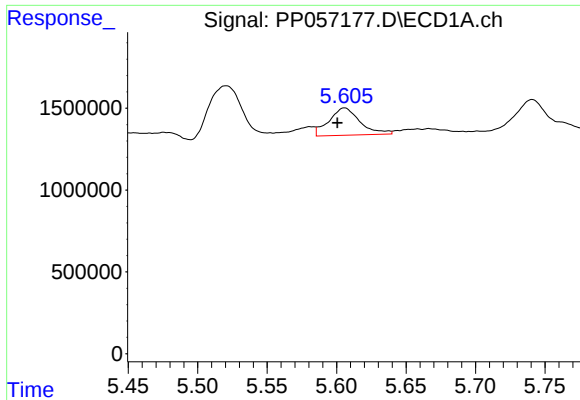
#16 AR-1242-1

R.T.: 5.581 min
Delta R.T.: 0.004 min
Response: 763950
Conc: 14.93 ng/ml



#16 AR-1242-1

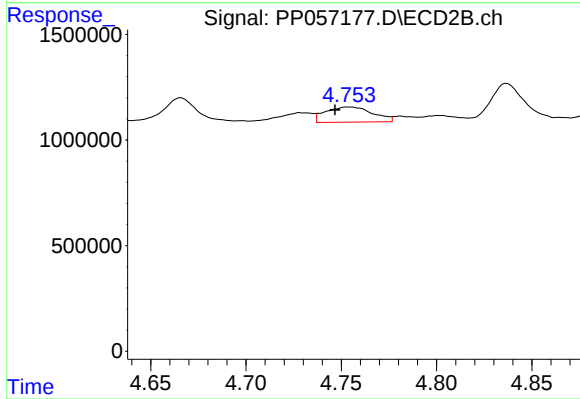
R.T.: 4.729 min
Delta R.T.: 0.001 min
Response: 646152
Conc: 13.81 ng/ml



#17 AR-1242-2

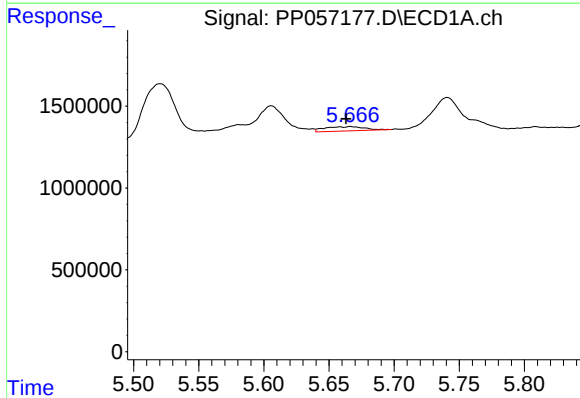
R.T.: 5.606 min
Delta R.T.: 0.005 min
Response: 2600296
Conc: 34.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



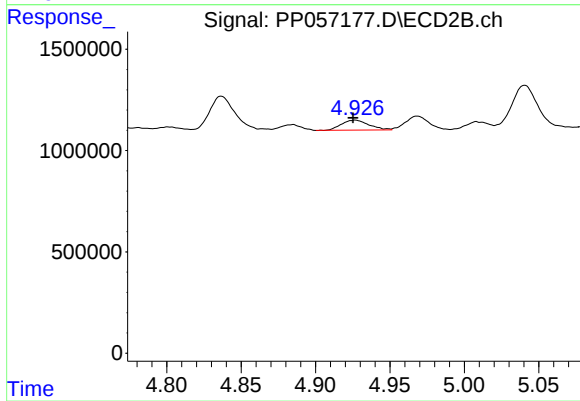
#17 AR-1242-2

R.T.: 4.754 min
Delta R.T.: 0.007 min
Response: 1235059
Conc: 19.02 ng/ml



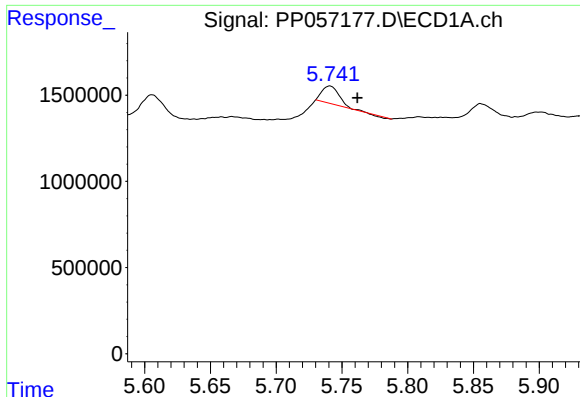
#18 AR-1242-3

R.T.: 5.667 min
Delta R.T.: 0.004 min
Response: 560777
Conc: 11.91 ng/ml



#18 AR-1242-3

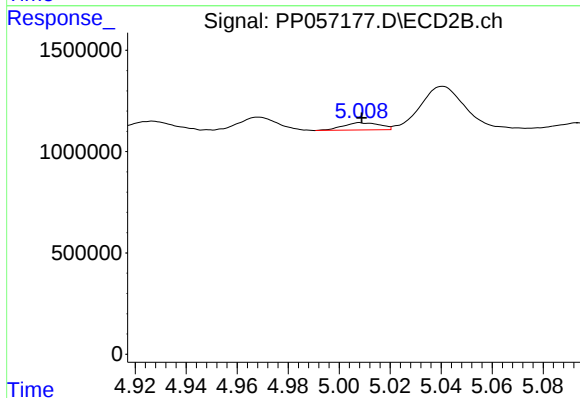
R.T.: 4.927 min
Delta R.T.: 0.002 min
Response: 636148
Conc: 17.91 ng/ml



#19 AR-1242-4

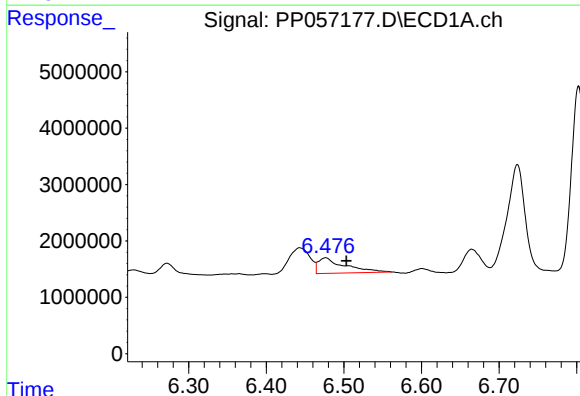
R.T.: 5.741 min
Delta R.T.: -0.021 min
Response: 881725
Conc: 23.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



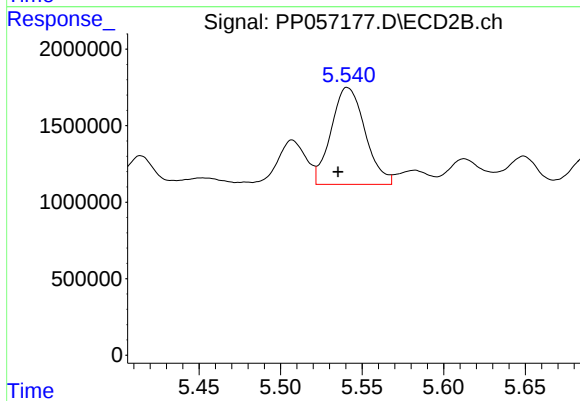
#19 AR-1242-4

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 358405
Conc: 9.01 ng/ml



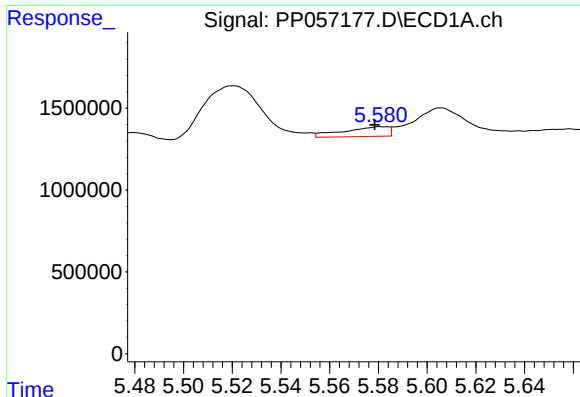
#20 AR-1242-5

R.T.: 6.477 min
Delta R.T.: -0.027 min
Response: 6582291
Conc: 195.42 ng/ml



#20 AR-1242-5

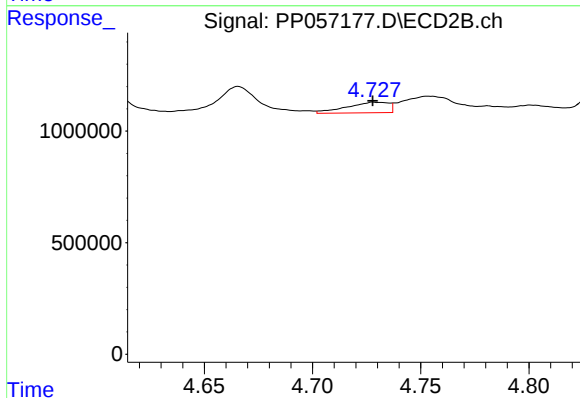
R.T.: 5.541 min
Delta R.T.: 0.006 min
Response: 9183331
Conc: 205.28 ng/ml



#21 AR-1248-1

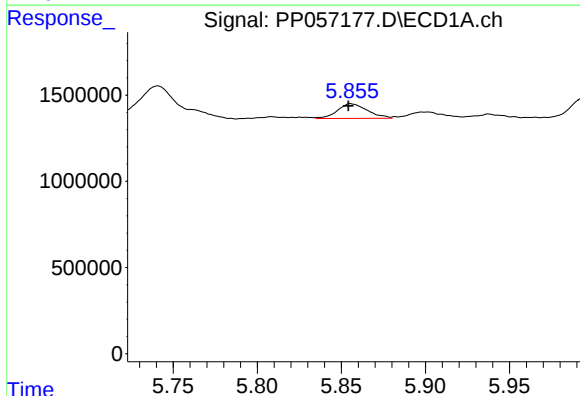
R.T.: 5.581 min
Delta R.T.: 0.003 min
Response: 763950
Conc: 19.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



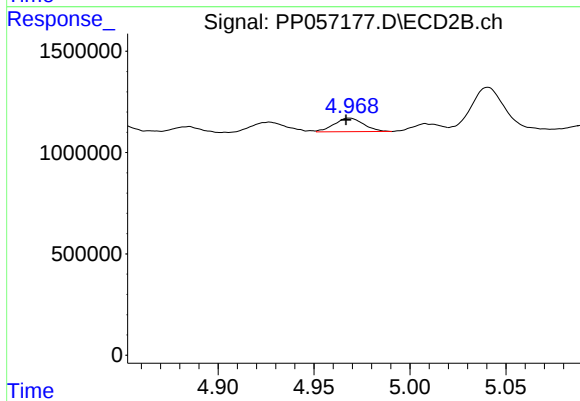
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 646152
Conc: 18.32 ng/ml



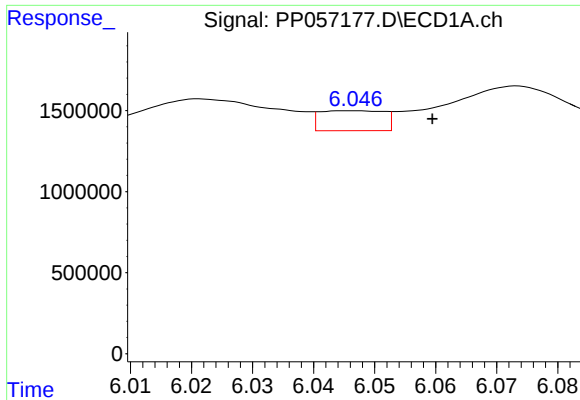
#22 AR-1248-2

R.T.: 5.856 min
Delta R.T.: 0.002 min
Response: 1054445
Conc: 16.73 ng/ml



#22 AR-1248-2

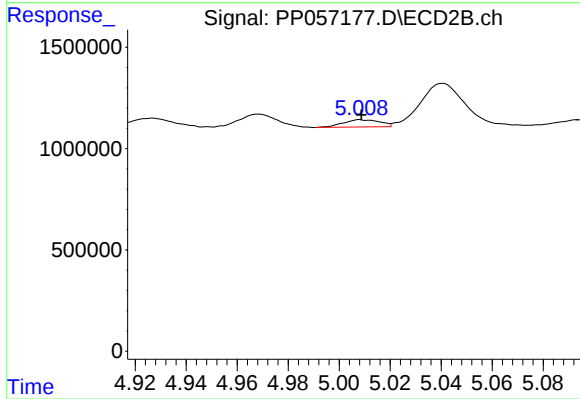
R.T.: 4.968 min
Delta R.T.: 0.002 min
Response: 714348
Conc: 12.87 ng/ml



#23 AR-1248-3

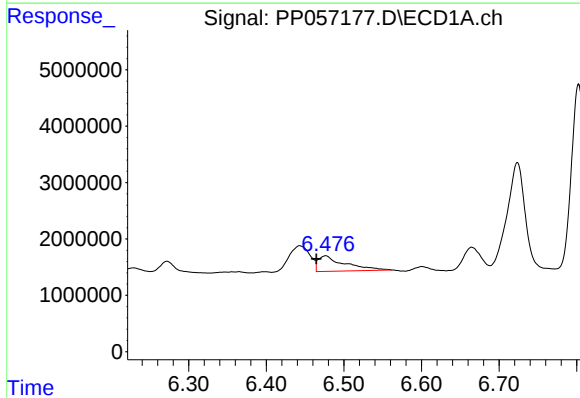
R.T.: 6.046 min
Delta R.T.: -0.013 min
Response: 899596
Conc: 13.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



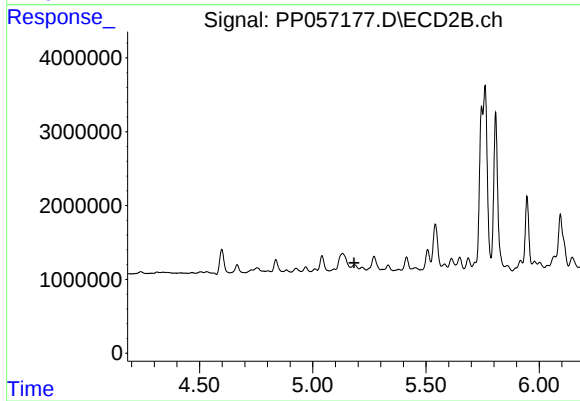
#23 AR-1248-3

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 358405
Conc: 6.19 ng/ml



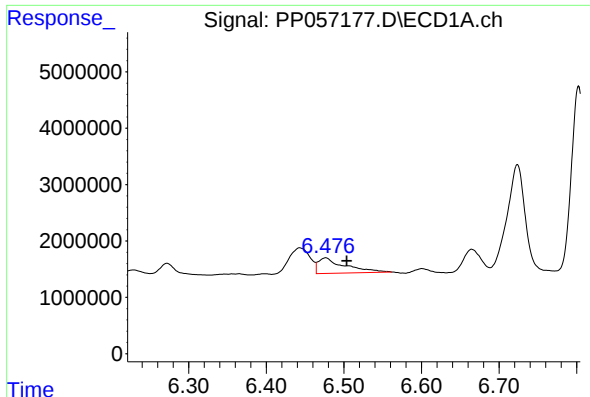
#24 AR-1248-4

R.T.: 6.477 min
Delta R.T.: 0.012 min
Response: 6582291
Conc: 111.20 ng/ml



#24 AR-1248-4

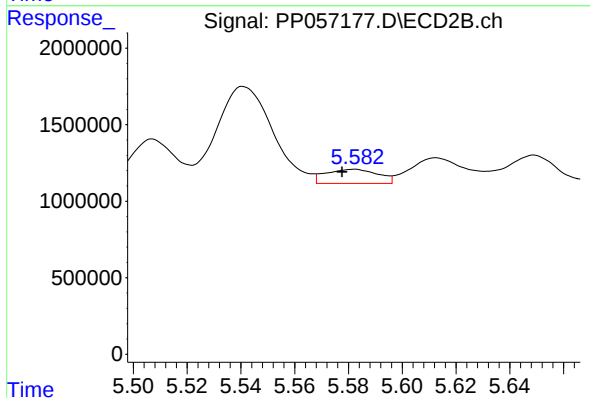
R.T.: 5.185 min
Delta R.T.: 0.003 min
Response: -174144
Conc: N.D.



#25 AR-1248-5

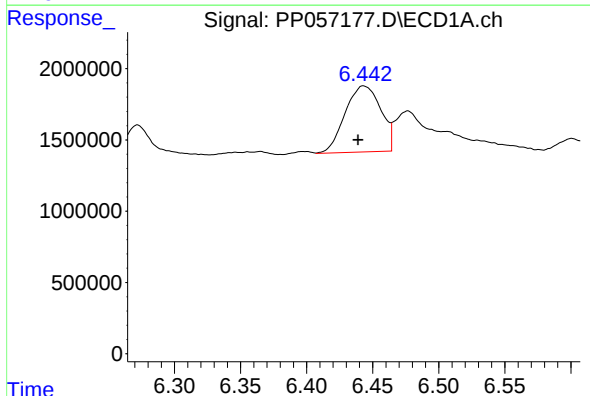
R.T.: 6.477 min
Delta R.T.: -0.027 min
Response: 6582291
Conc: 113.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



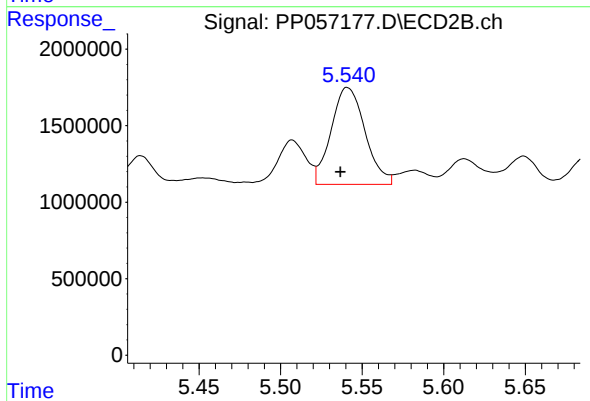
#25 AR-1248-5

R.T.: 5.582 min
Delta R.T.: 0.005 min
Response: 1242168
Conc: 21.38 ng/ml



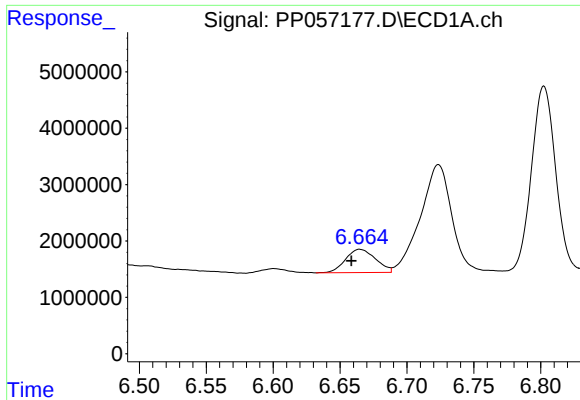
#26 AR-1254-1

R.T.: 6.443 min
Delta R.T.: 0.004 min
Response: 8726342
Conc: 115.55 ng/ml



#26 AR-1254-1

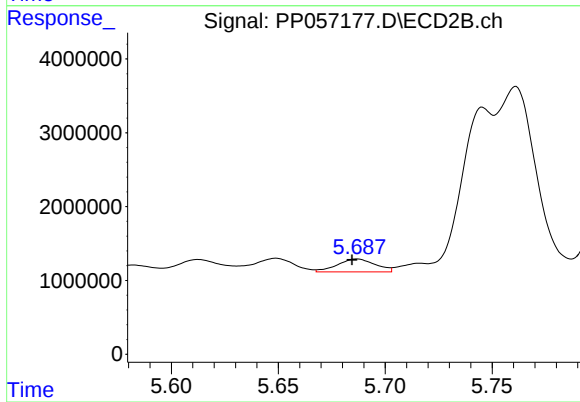
R.T.: 5.541 min
Delta R.T.: 0.004 min
Response: 9183331
Conc: 91.13 ng/ml



#27 AR-1254-2

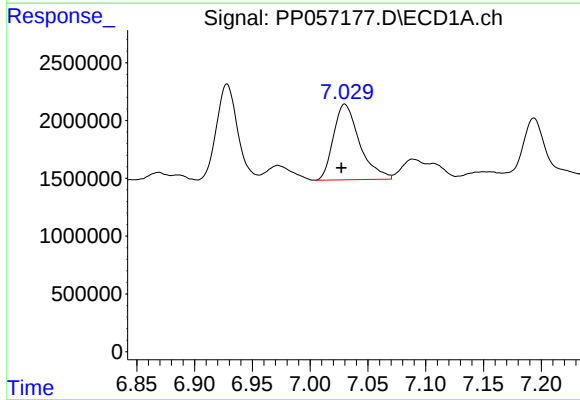
R.T.: 6.665 min
Delta R.T.: 0.006 min
Response: 6465108
Conc: 59.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



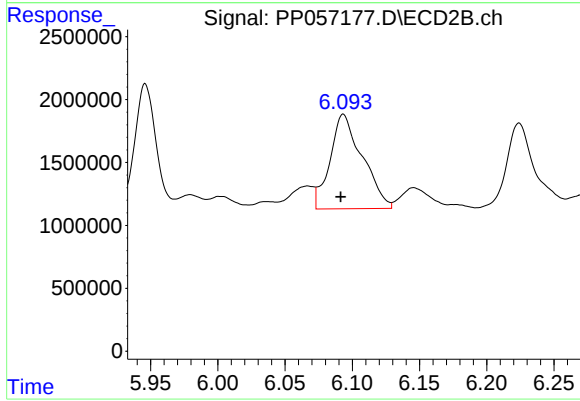
#27 AR-1254-2

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 2172050
Conc: 24.31 ng/ml



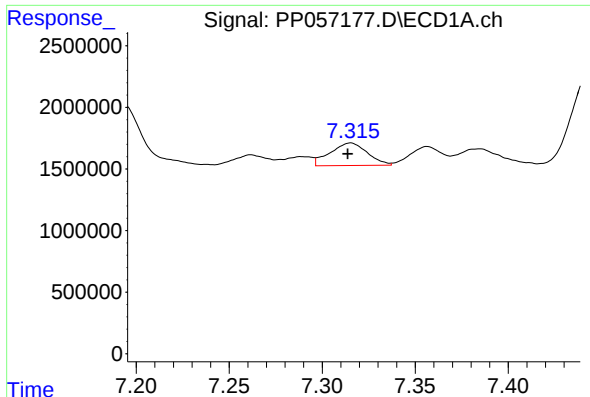
#28 AR-1254-3

R.T.: 7.030 min
Delta R.T.: 0.003 min
Response: 10259285
Conc: 99.11 ng/ml



#28 AR-1254-3

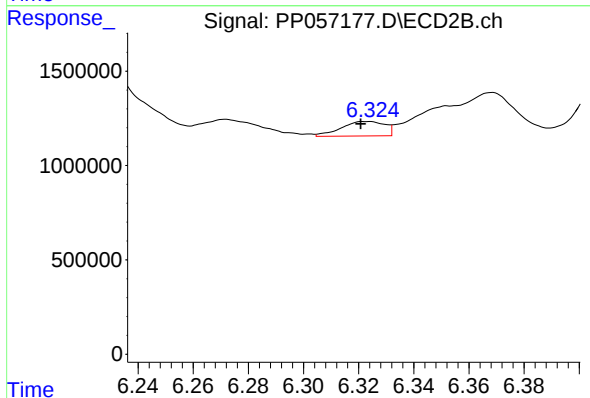
R.T.: 6.093 min
Delta R.T.: 0.002 min
Response: 12557628
Conc: 89.63 ng/ml



#29 AR-1254-4

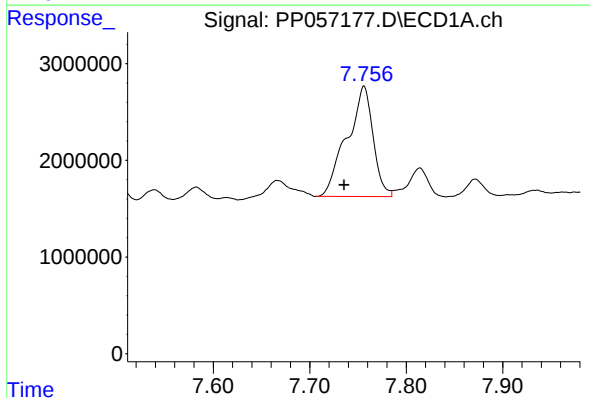
R.T.: 7.315 min
Delta R.T.: 0.001 min
Response: 2560249
Conc: 41.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



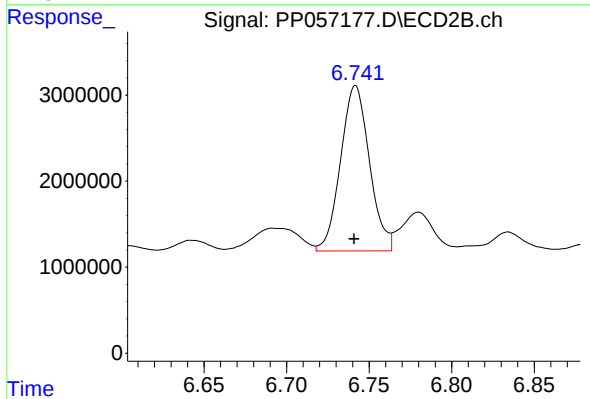
#29 AR-1254-4

R.T.: 6.323 min
Delta R.T.: 0.002 min
Response: 847380
Conc: 11.25 ng/ml



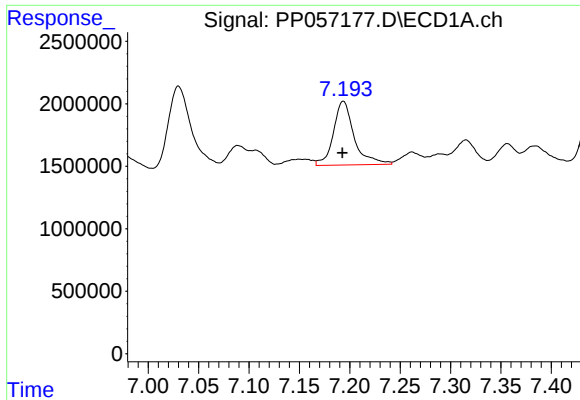
#30 AR-1254-5

R.T.: 7.756 min
Delta R.T.: 0.021 min
Response: 21437521
Conc: 297.61 ng/ml



#30 AR-1254-5

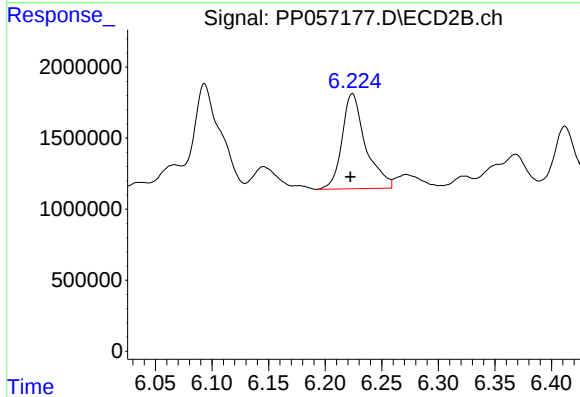
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 23412063
Conc: 190.19 ng/ml



#31 AR-1260-1

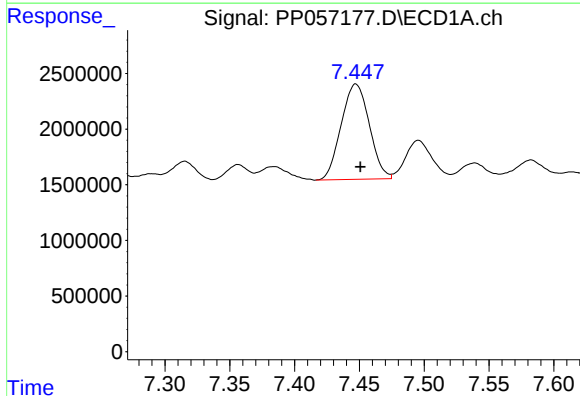
R.T.: 7.194 min
Delta R.T.: 0.001 min
Response: 7309670
Conc: 83.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



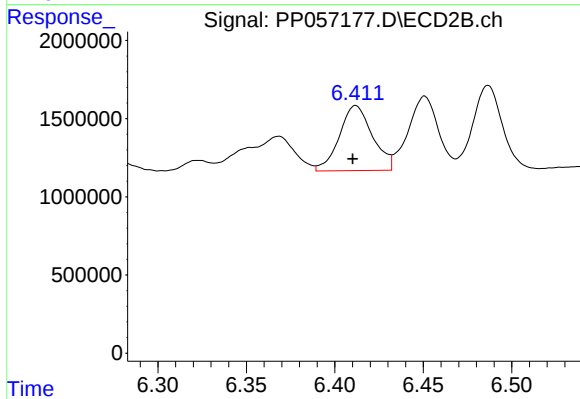
#31 AR-1260-1

R.T.: 6.224 min
Delta R.T.: 0.002 min
Response: 9694345
Conc: 95.67 ng/ml



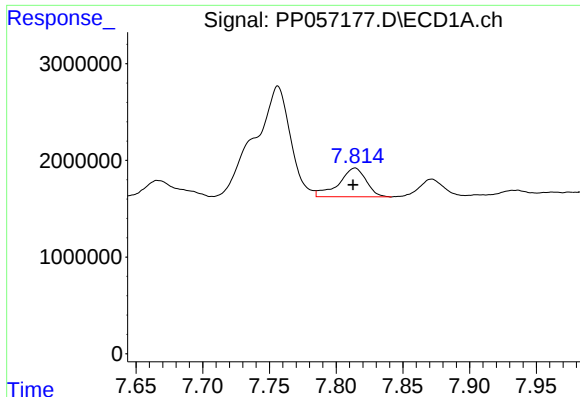
#32 AR-1260-2

R.T.: 7.447 min
Delta R.T.: -0.003 min
Response: 12940930
Conc: 140.92 ng/ml



#32 AR-1260-2

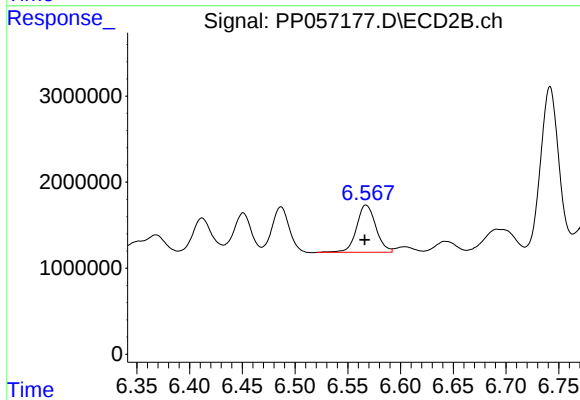
R.T.: 6.412 min
Delta R.T.: 0.002 min
Response: 5431279
Conc: 46.73 ng/ml



#33 AR-1260-3

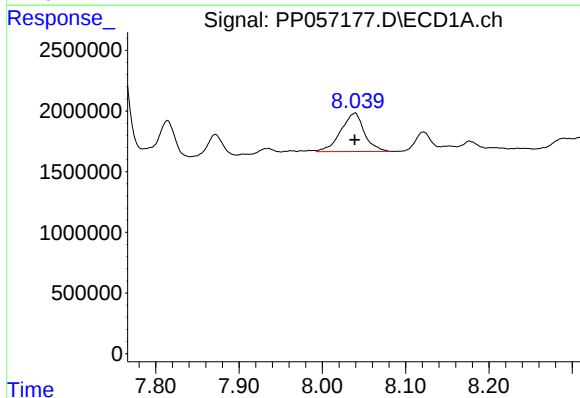
R.T.: 7.814 min
Delta R.T.: 0.002 min
Response: 4273369
Conc: 58.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



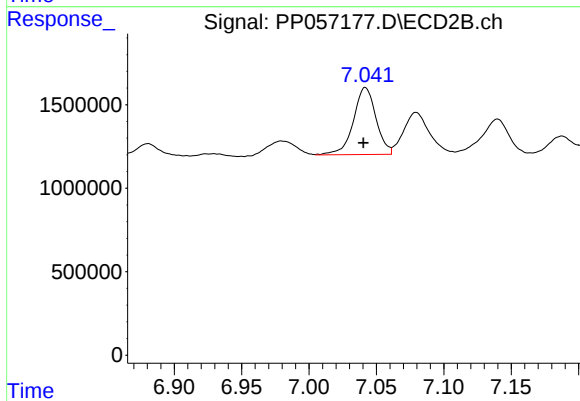
#33 AR-1260-3

R.T.: 6.567 min
Delta R.T.: 0.001 min
Response: 7009802
Conc: 63.36 ng/ml



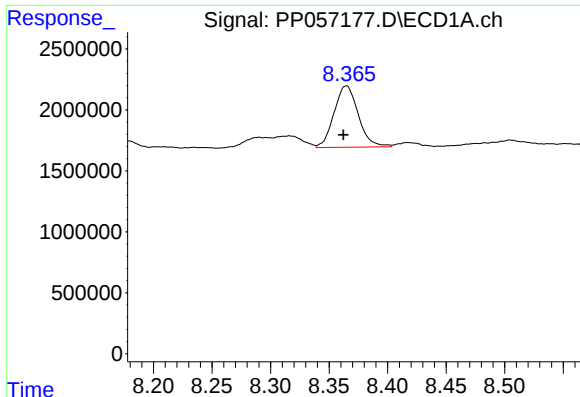
#34 AR-1260-4

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 6233523
Conc: 74.18 ng/ml



#34 AR-1260-4

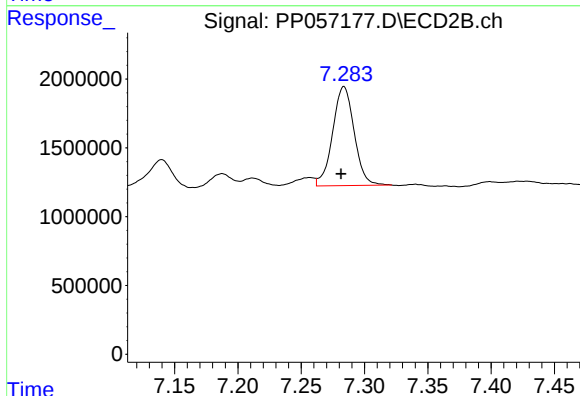
R.T.: 7.042 min
Delta R.T.: 0.001 min
Response: 4686695
Conc: 51.17 ng/ml



#35 AR-1260-5

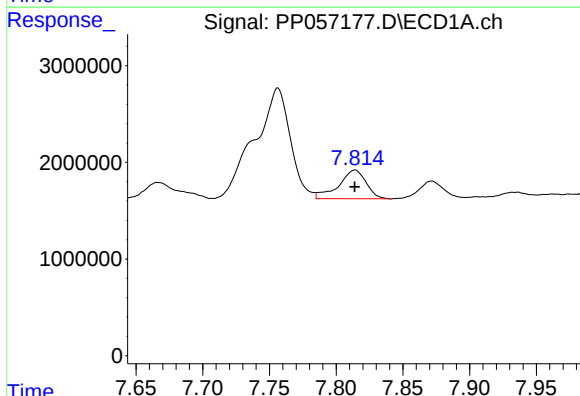
R.T.: 8.365 min
Delta R.T.: 0.003 min
Response: 7267547
Conc: 50.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



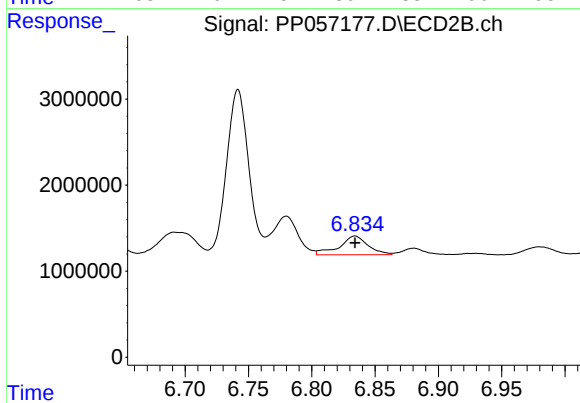
#35 AR-1260-5

R.T.: 7.284 min
Delta R.T.: 0.002 min
Response: 8547758
Conc: 47.36 ng/ml



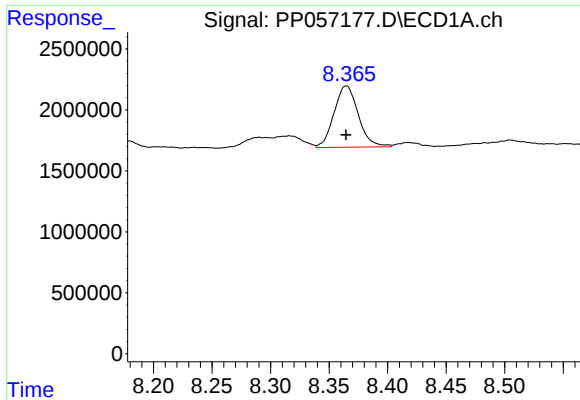
#36 AR-1262-1

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 4273369
Conc: 42.34 ng/ml



#36 AR-1262-1

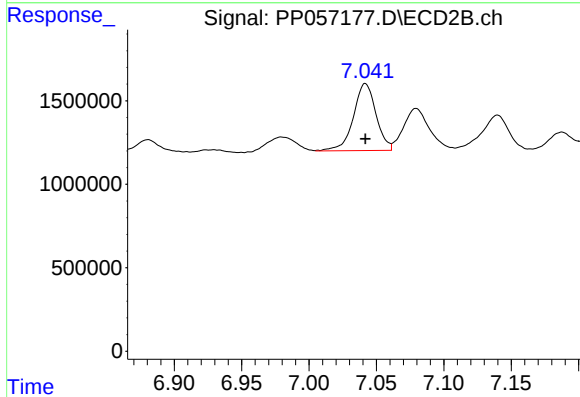
R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 3424383
Conc: 59.99 ng/ml



#37 AR-1262-2

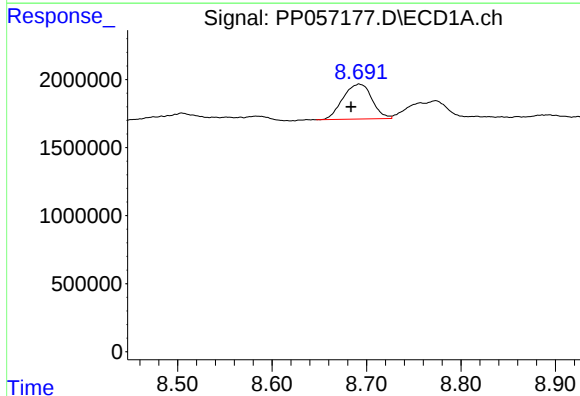
R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 7267547
Conc: 49.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



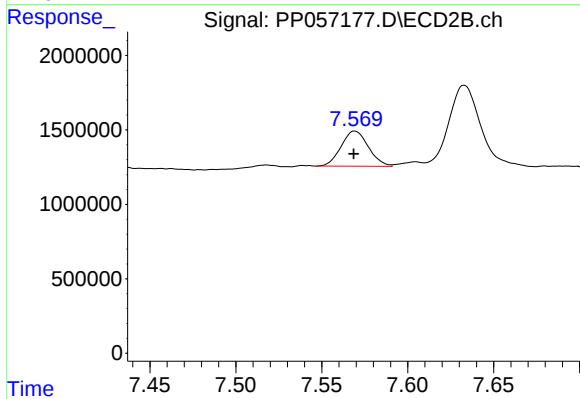
#37 AR-1262-2

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 4686695
Conc: 40.34 ng/ml



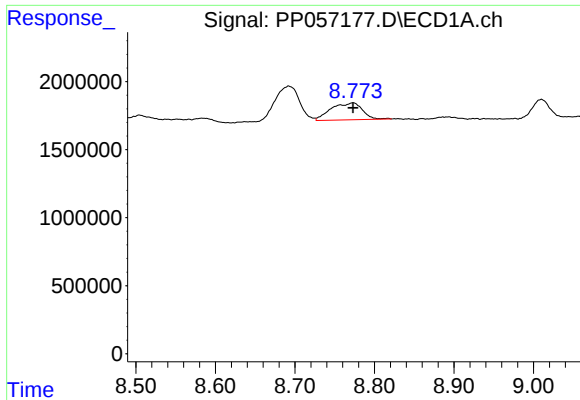
#38 AR-1262-3

R.T.: 8.692 min
Delta R.T.: 0.009 min
Response: 5473715
Conc: 51.03 ng/ml



#38 AR-1262-3

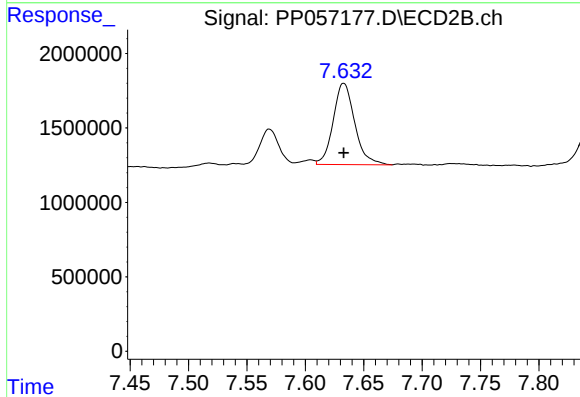
R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 2610231
Conc: 28.80 ng/ml



#39 AR-1262-4

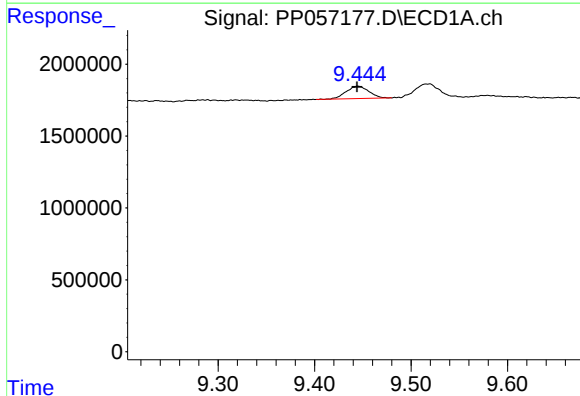
R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 3424245
Conc: 40.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



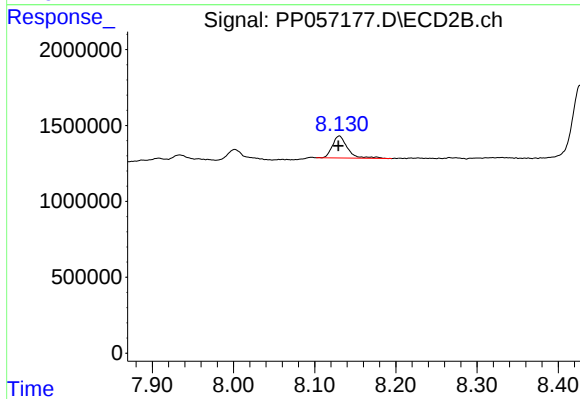
#39 AR-1262-4

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 7020341
Conc: 44.67 ng/ml



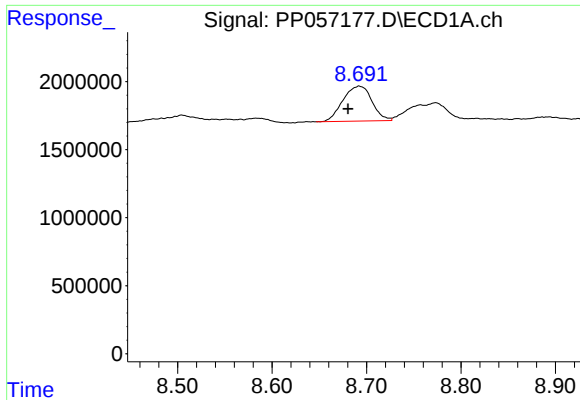
#40 AR-1262-5

R.T.: 9.445 min
Delta R.T.: 0.000 min
Response: 1407672
Conc: 29.37 ng/ml



#40 AR-1262-5

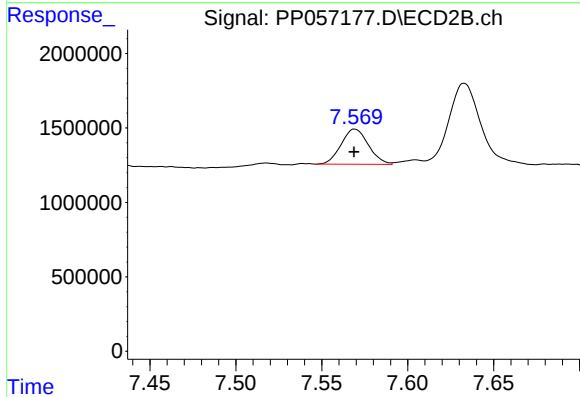
R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 1889328
Conc: 27.63 ng/ml



#41 AR-1268-1

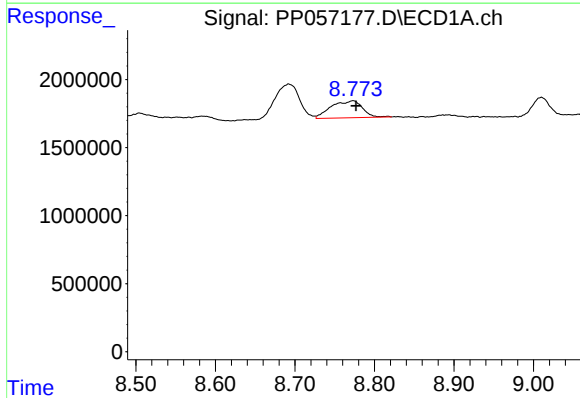
R.T.: 8.692 min
Delta R.T.: 0.012 min
Response: 5473715
Conc: 25.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



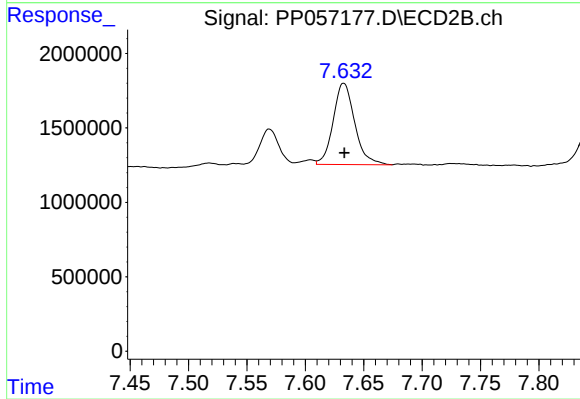
#41 AR-1268-1

R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 2610231
Conc: 9.40 ng/ml



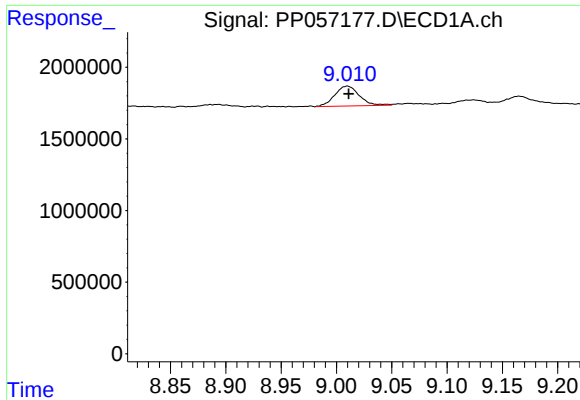
#42 AR-1268-2

R.T.: 8.773 min
Delta R.T.: -0.004 min
Response: 3424245
Conc: 19.12 ng/ml



#42 AR-1268-2

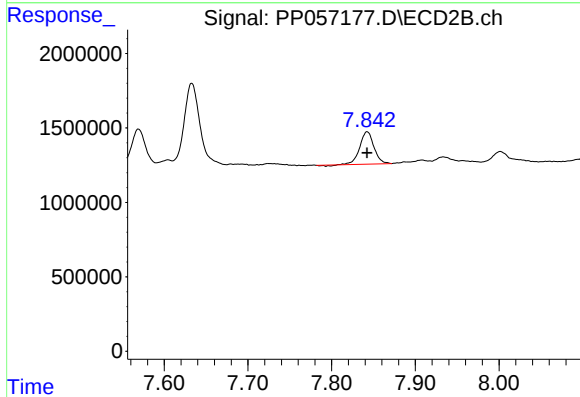
R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 7020341
Conc: 28.15 ng/ml



#43 AR-1268-3

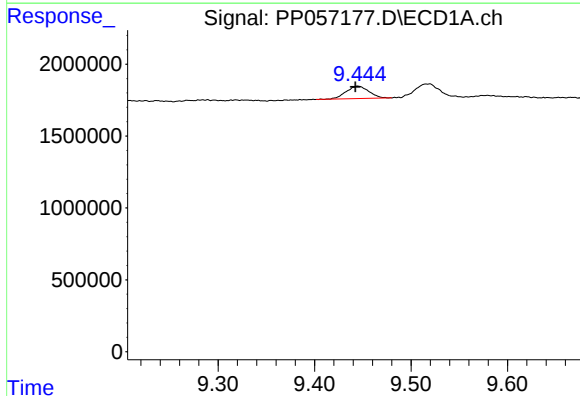
R.T.: 9.010 min
Delta R.T.: -0.001 min
Response: 2131783
Conc: 12.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



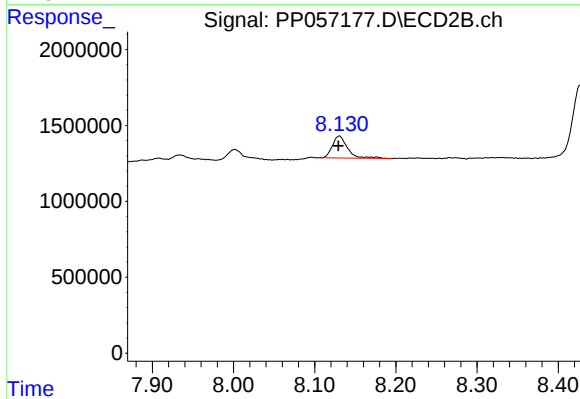
#43 AR-1268-3

R.T.: 7.843 min
Delta R.T.: 0.000 min
Response: 2556875
Conc: 11.56 ng/ml



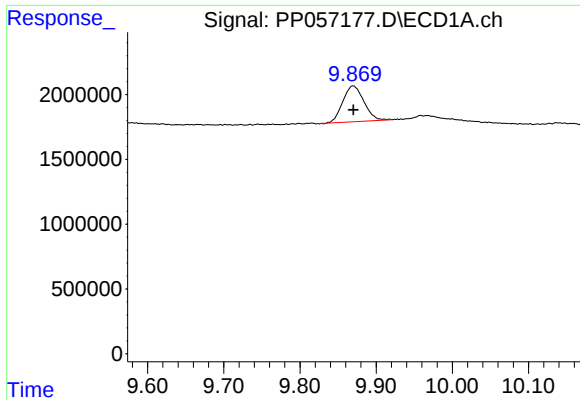
#44 AR-1268-4

R.T.: 9.445 min
Delta R.T.: 0.003 min
Response: 1407672
Conc: 24.82 ng/ml



#44 AR-1268-4

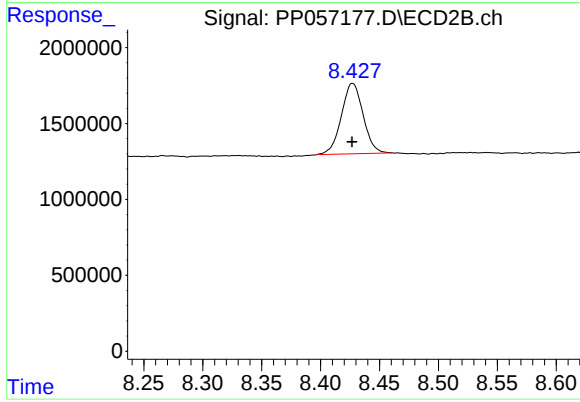
R.T.: 8.130 min
Delta R.T.: 0.001 min
Response: 1889328
Conc: 23.62 ng/ml



#45 AR-1268-5

R.T.: 9.870 min
Delta R.T.: 0.000 min
Response: 5379594
Conc: 11.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 5986242
Conc: 10.11 ng/ml