

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072423\
 Data File : PP058915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2023 19:25
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 21:53:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 02:26:24 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...	4.427	3.666	70128204	104.4E6	50.940	54.298
2)	SA Decachlor...	10.224	8.711	51885757	70904942	60.229	50.112
Target Compounds							
3)	L1 AR-1016-1	5.602	4.761	765662	950859	17.535	16.543
4)	L1 AR-1016-2	5.627	4.780	955681	815464	15.349	9.915 #
5)	L1 AR-1016-3	5.688	4.957	424681	441901	10.607	10.049
6)	L1 AR-1016-4	5.786	4.999	422780	22464737	13.099	577.714 #
7)	L1 AR-1016-5	6.082	5.213	9621246	13744663	282.101	277.858
8)	L2 AR-1221-1	4.627	3.873	37859	52908	2.129	2.242
9)	L2 AR-1221-2	4.735	3.968	1174111	1394515	89.567	78.191
10)	L2 AR-1221-3	4.799	4.045	265076	343408	6.835	6.224
11)	L3 AR-1232-1	4.799	4.045	265076	343408	8.243	7.565
12)	L3 AR-1232-2	5.332	4.780	367715	815464	20.305	21.120
13)	L3 AR-1232-3	5.627	4.957	955681	441901	32.256	21.270 #
14)	L3 AR-1232-4	5.786	5.040	422780	6813819	28.166	336.685 #
15)	L3 AR-1232-5	5.877	5.213	16075389	13744663	1240.978	614.779 #
16)	L4 AR-1242-1	5.602	4.761	765662	950859	20.255	19.131
17)	L4 AR-1242-2	5.627	4.780	955681	815464	17.748	11.439 #
18)	L4 AR-1242-3	5.688	4.957	424681	441901	12.262	11.654
19)	L4 AR-1242-4	5.786	5.040	422780	6813819	15.018	169.274 #
20)	L4 AR-1242-5	6.530	5.568	8686126	51400365	306.079	1067.730 #
21)	L5 AR-1248-1	5.602	4.761	765662	950859	27.670	26.396
22)	L5 AR-1248-2	5.877	4.999	16075389	22464737	373.924	396.406
23)	L5 AR-1248-3	6.082	5.040	9621246	6813819	205.317	118.968 #
24)	L5 AR-1248-4	6.487	5.213	13123863	13744663	277.527	202.221 #
25)	L5 AR-1248-5	6.530	5.609	8686126	6234212	189.524	102.304 #
26)	L6 AR-1254-1	6.462	5.568	26867717	51400365	506.532	508.269
27)	L6 AR-1254-2	6.682	5.716	39759077	44856414	507.819	518.833
28)	L6 AR-1254-3	7.049	6.122	40261581	70761320	513.718	515.060
29)	L6 AR-1254-4	7.336	6.352	26683915	40245020	511.055	503.689
30)	L6 AR-1254-5	7.756	6.771	26821851	60641952	498.818	503.729
31)	L7 AR-1260-1	7.214	6.253	16942690	34913969	292.140	352.759
32)	L7 AR-1260-2	7.472	6.441	17171414	28775159	283.387	253.096
33)	L7 AR-1260-3	7.816	6.594	3659339	28230869	82.652	257.939 #
34)	L7 AR-1260-4	8.044	7.070	10702321	2999772	216.990	35.278 #
35)	L7 AR-1260-5	8.381	7.312	3681516	5006565	41.291	29.523 #
36)	L8 AR-1262-1	7.816f	6.862	3659339	2189225	53.629	40.060 #
37)	L8 AR-1262-2	8.381	7.070	3681516	2999772	33.588	26.013
38)	L8 AR-1262-3	8.711	7.598	3058152	177350	39.018	2.015 #
39)	L8 AR-1262-4	8.815f	7.659	10543	6226248	0.174	39.552 #
40)	L8 AR-1262-5	9.458	8.159	40322	287177	1.038	4.214 #
41)	L9 AR-1268-1	8.711f	7.598	3058152	177350	22.831	0.731 #

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 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

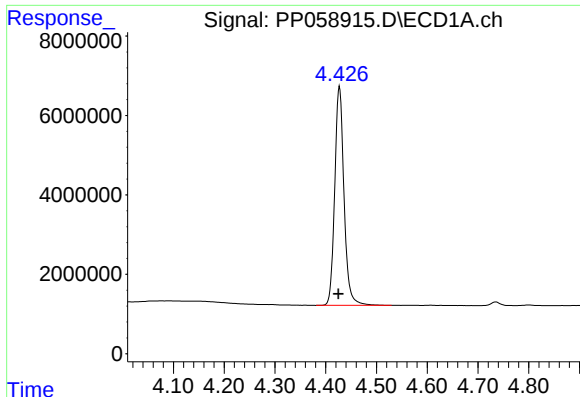
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 21:53:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP072123.M
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 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	8.815f	7.659	10543	6226248	0.089	28.070 #
43) L9	AR-1268-3	9.025	7.870	60914	177572	0.569	0.871 #
44) L9	AR-1268-4	9.458	8.159	40322	287177	0.970	3.884 #
45) L9	AR-1268-5	9.878	8.452	348844	558800	1.089	1.015

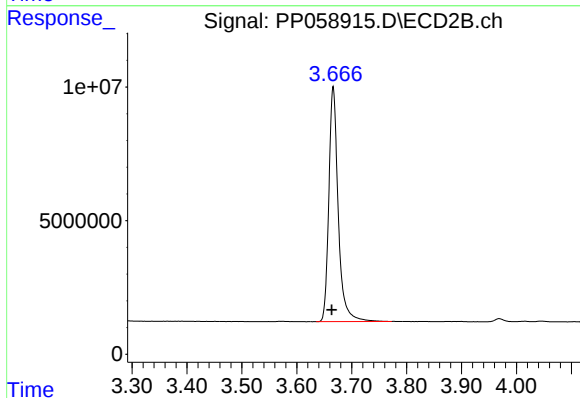
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

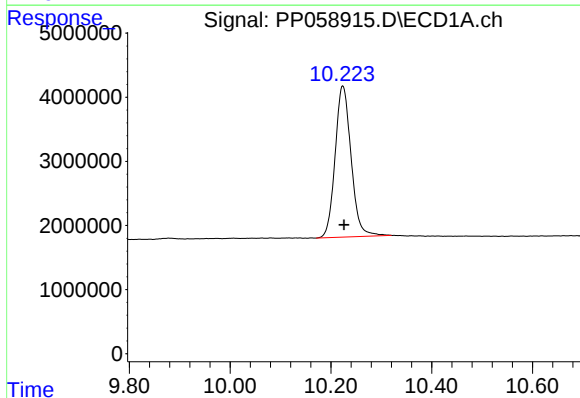
R.T.: 4.427 min
Delta R.T.: 0.002 min
Response: 70128204
Conc: 50.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



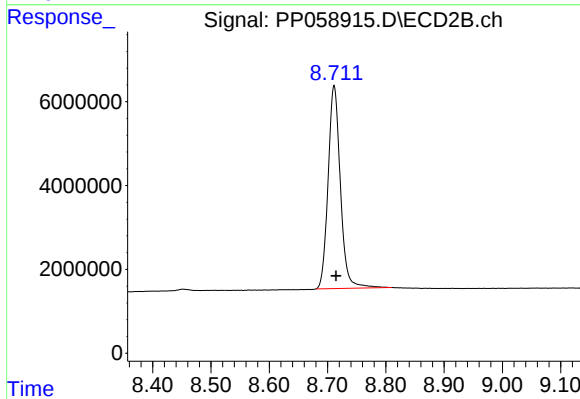
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.002 min
Response: 104419524
Conc: 54.30 ng/ml



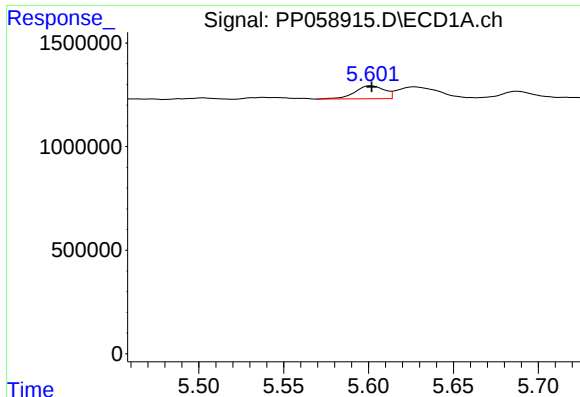
#2 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: -0.003 min
Response: 51885757
Conc: 60.23 ng/ml



#2 Decachlorobiphenyl

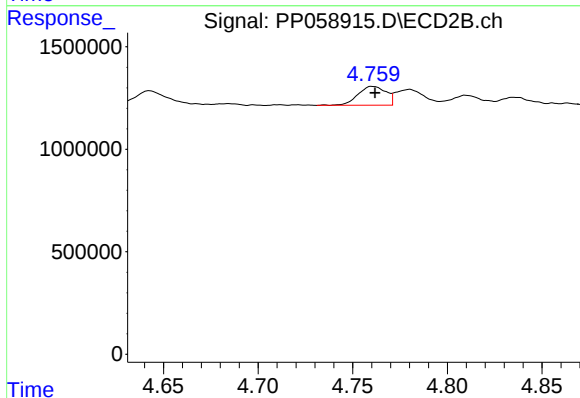
R.T.: 8.711 min
Delta R.T.: -0.003 min
Response: 70904942
Conc: 50.11 ng/ml



#3 AR-1016-1

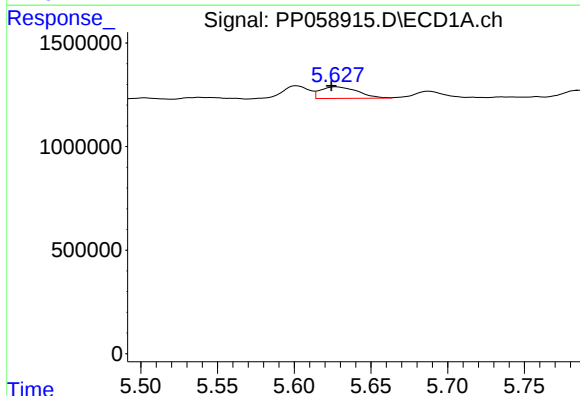
R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 765662
Conc: 17.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



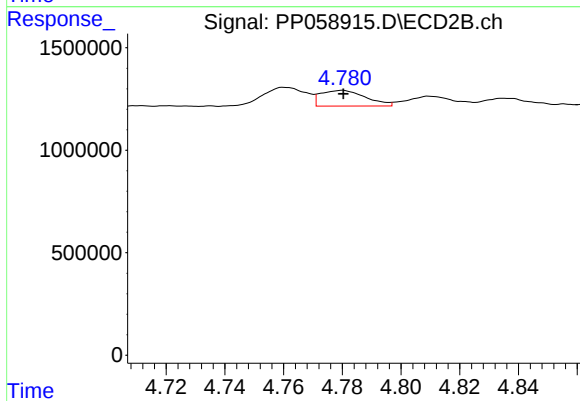
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 950859
Conc: 16.54 ng/ml



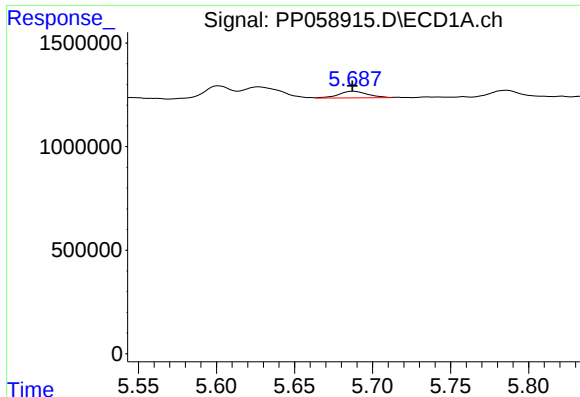
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: 0.003 min
Response: 955681
Conc: 15.35 ng/ml



#4 AR-1016-2

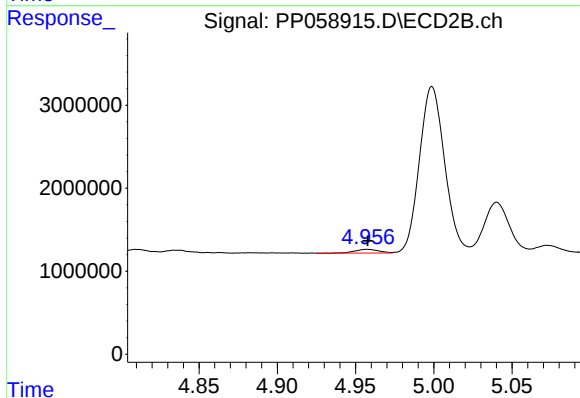
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 815464
Conc: 9.91 ng/ml



#5 AR-1016-3

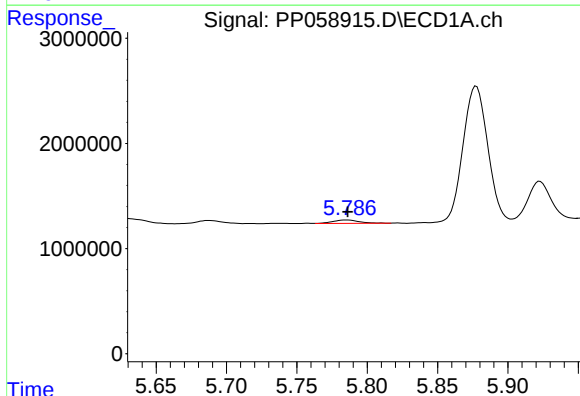
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 424681
Conc: 10.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



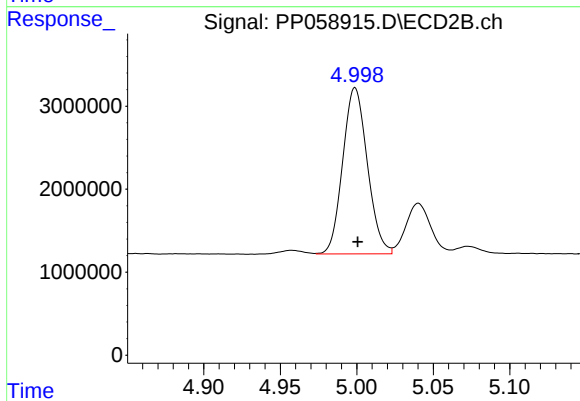
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 441901
Conc: 10.05 ng/ml



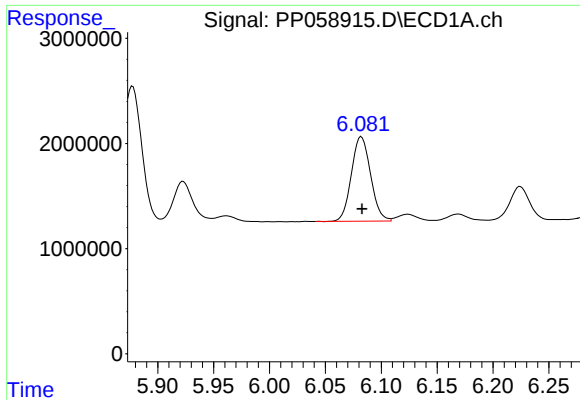
#6 AR-1016-4

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 422780
Conc: 13.10 ng/ml



#6 AR-1016-4

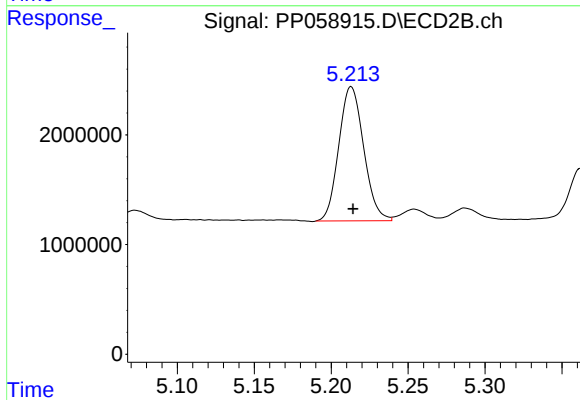
R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 22464737
Conc: 577.71 ng/ml



#7 AR-1016-5

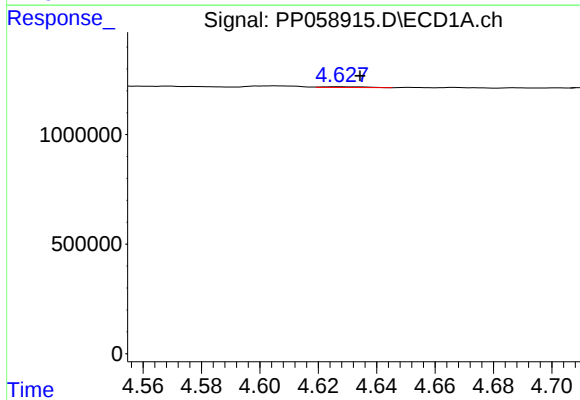
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 9621246
Conc: 282.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



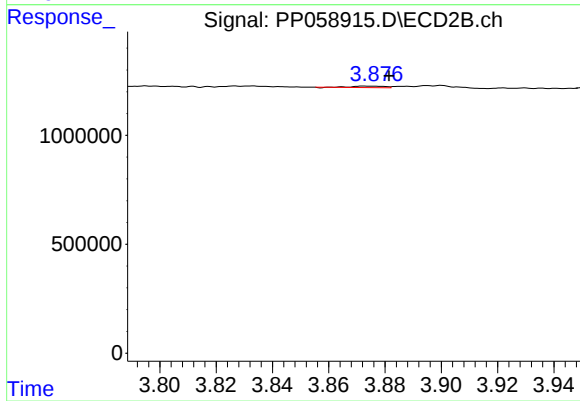
#7 AR-1016-5

R.T.: 5.213 min
Delta R.T.: -0.001 min
Response: 13744663
Conc: 277.86 ng/ml



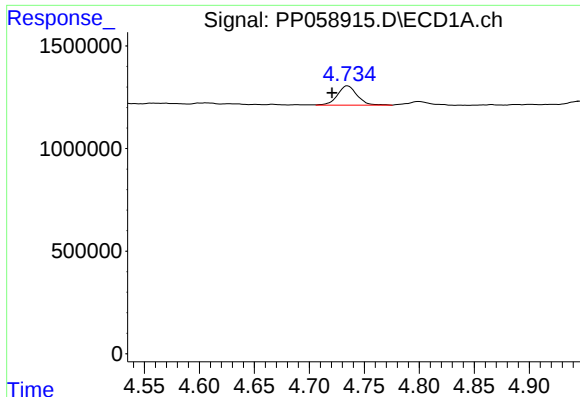
#8 AR-1221-1

R.T.: 4.627 min
Delta R.T.: -0.007 min
Response: 37859
Conc: 2.13 ng/ml



#8 AR-1221-1

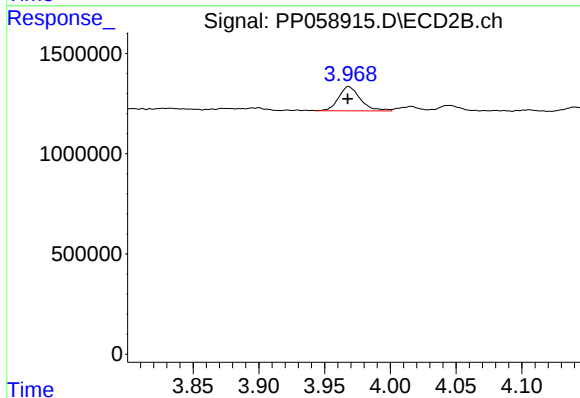
R.T.: 3.873 min
Delta R.T.: -0.008 min
Response: 52908
Conc: 2.24 ng/ml



#9 AR-1221-2

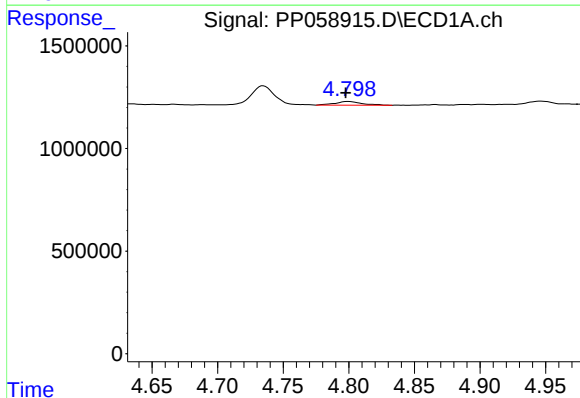
R.T.: 4.735 min
Delta R.T.: 0.014 min
Response: 1174111
Conc: 89.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



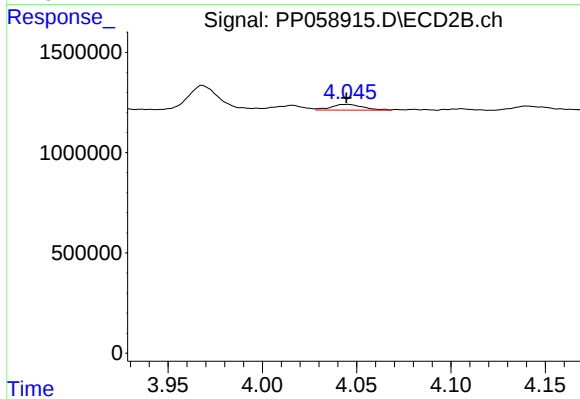
#9 AR-1221-2

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 1394515
Conc: 78.19 ng/ml



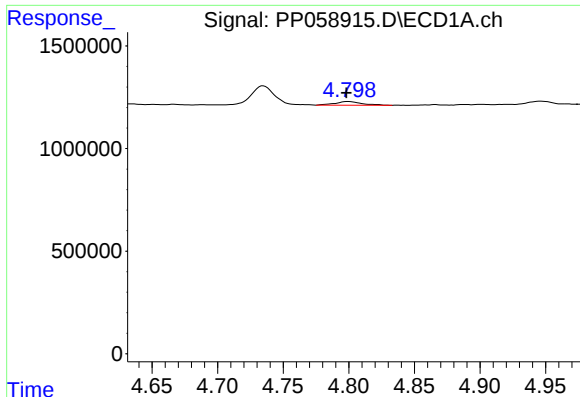
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 265076
Conc: 6.83 ng/ml



#10 AR-1221-3

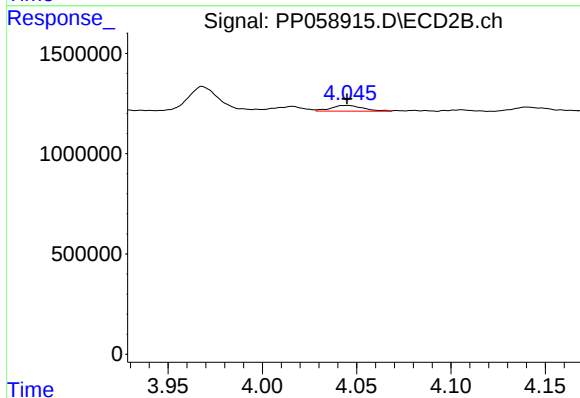
R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 343408
Conc: 6.22 ng/ml



#11 AR-1232-1

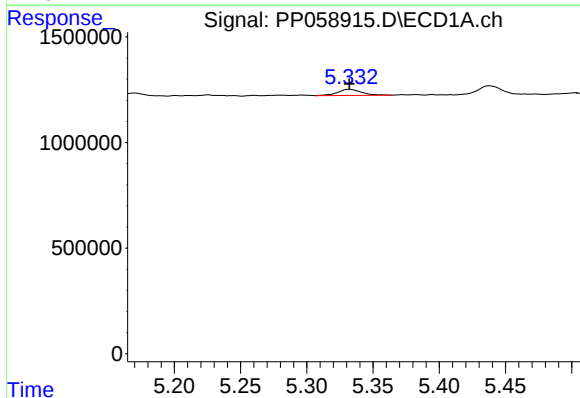
R.T.: 4.799 min
Delta R.T.: 0.001 min
Response: 265076
Conc: 8.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



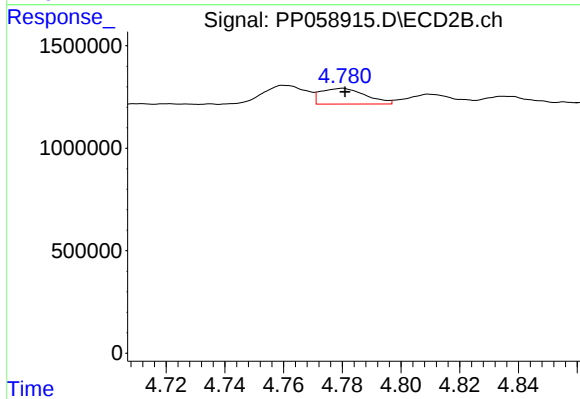
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 343408
Conc: 7.56 ng/ml



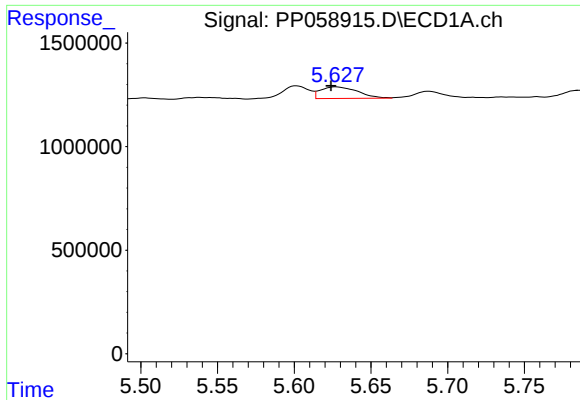
#12 AR-1232-2

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 367715
Conc: 20.31 ng/ml



#12 AR-1232-2

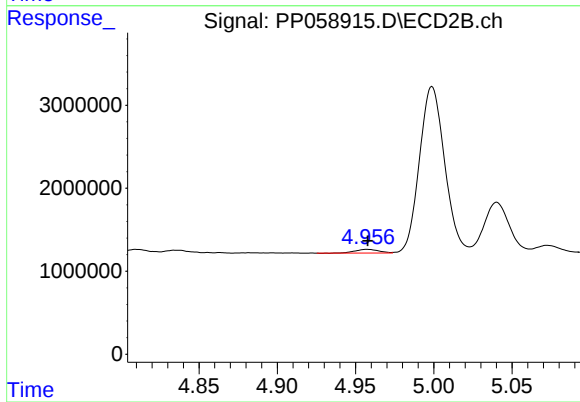
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 815464
Conc: 21.12 ng/ml



#13 AR-1232-3

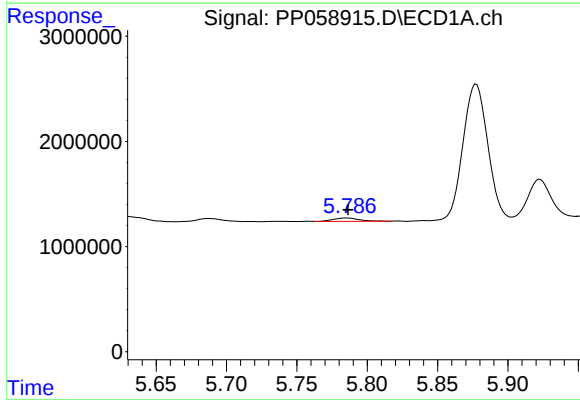
R.T.: 5.627 min
Delta R.T.: 0.003 min
Response: 955681
Conc: 32.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



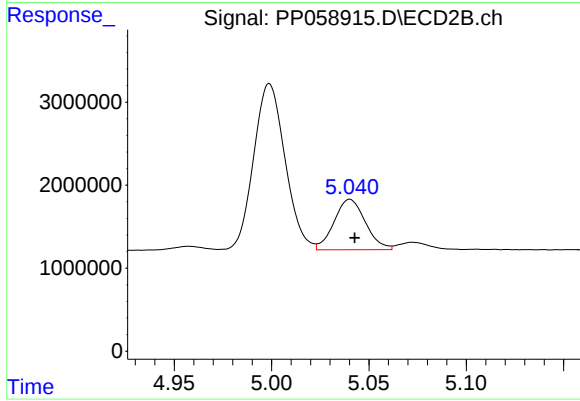
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 441901
Conc: 21.27 ng/ml



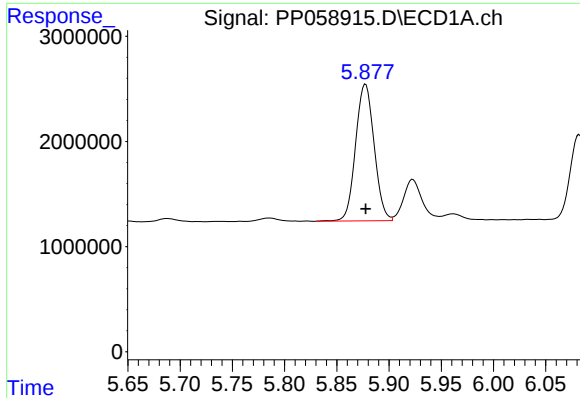
#14 AR-1232-4

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 422780
Conc: 28.17 ng/ml



#14 AR-1232-4

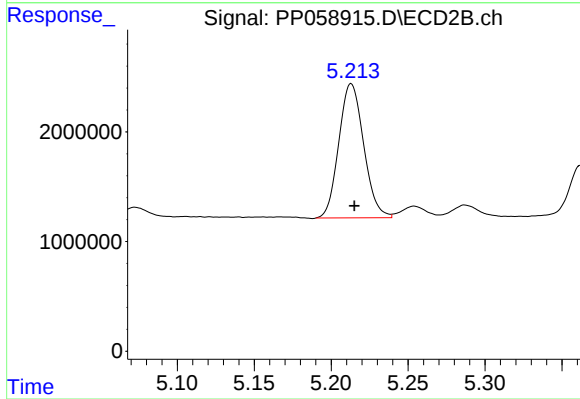
R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 6813819
Conc: 336.68 ng/ml



#15 AR-1232-5

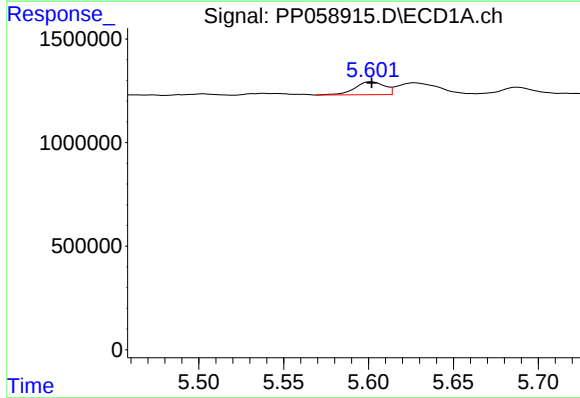
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 16075389
Conc: 1240.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



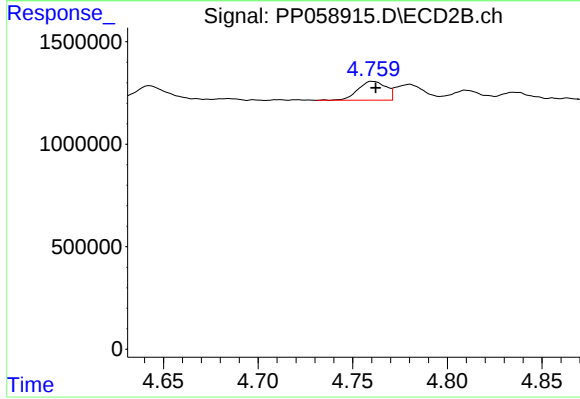
#15 AR-1232-5

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 13744663
Conc: 614.78 ng/ml



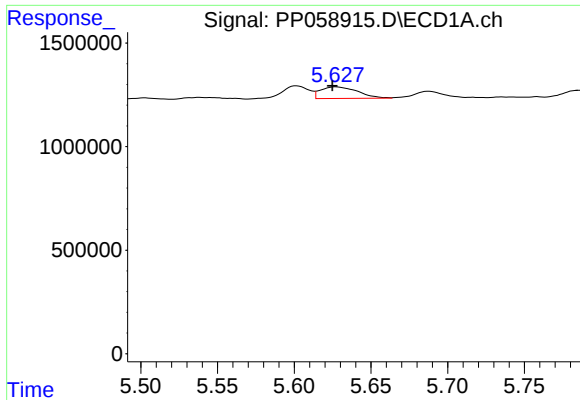
#16 AR-1242-1

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 765662
Conc: 20.25 ng/ml



#16 AR-1242-1

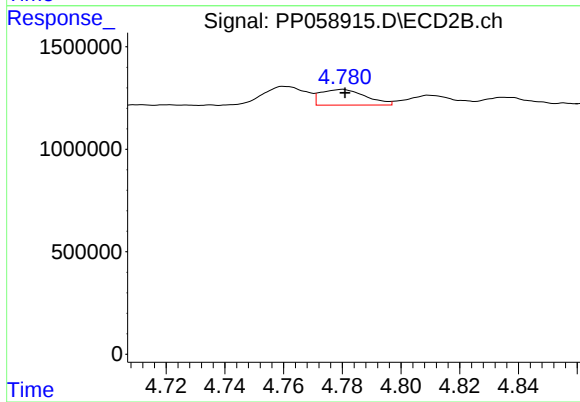
R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 950859
Conc: 19.13 ng/ml



#17 AR-1242-2

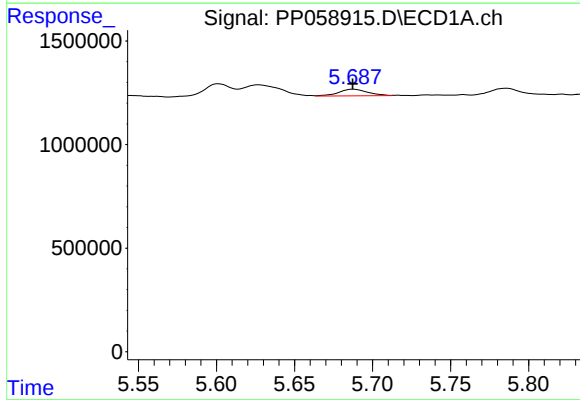
R.T.: 5.627 min
Delta R.T.: 0.002 min
Response: 955681
Conc: 17.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



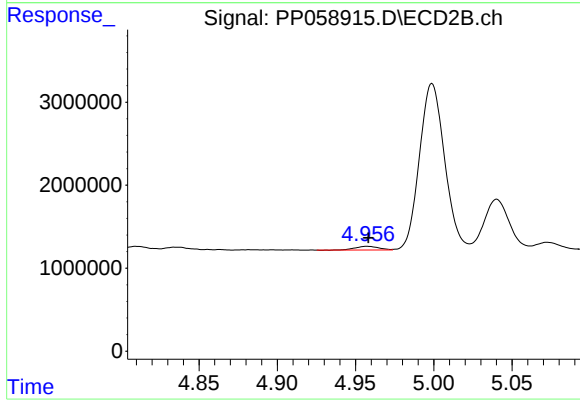
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 815464
Conc: 11.44 ng/ml



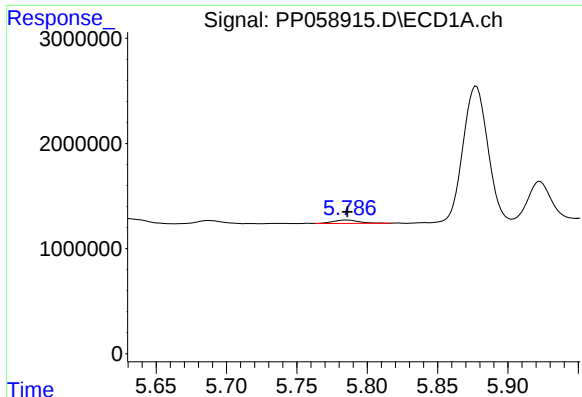
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 424681
Conc: 12.26 ng/ml



#18 AR-1242-3

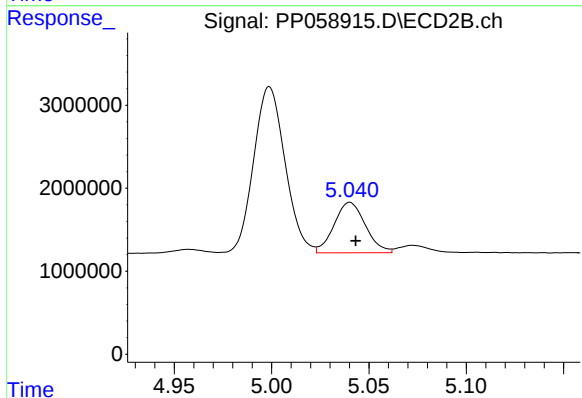
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 441901
Conc: 11.65 ng/ml



#19 AR-1242-4

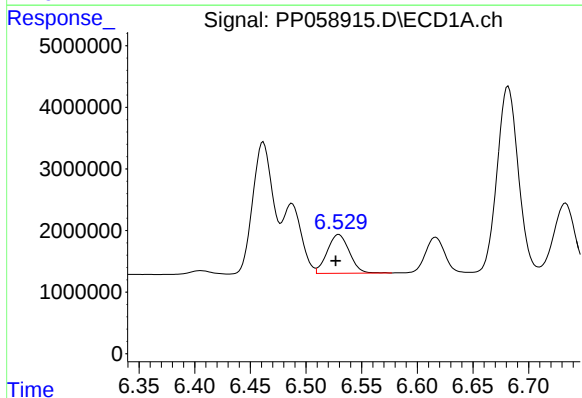
R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 422780
Conc: 15.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



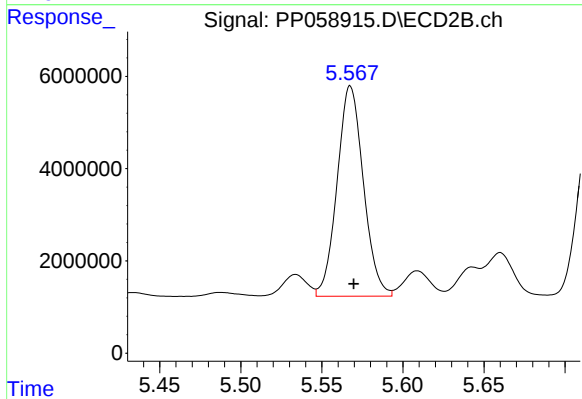
#19 AR-1242-4

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 6813819
Conc: 169.27 ng/ml



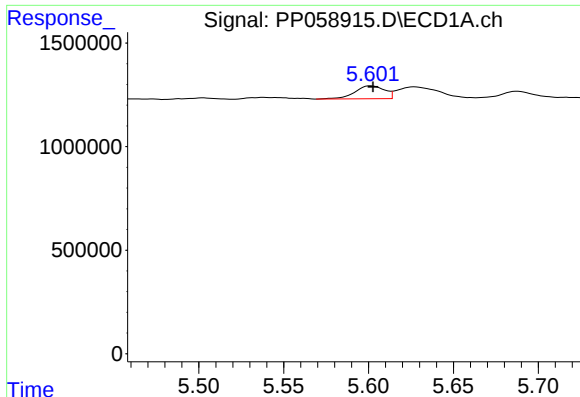
#20 AR-1242-5

R.T.: 6.530 min
Delta R.T.: 0.003 min
Response: 8686126
Conc: 306.08 ng/ml



#20 AR-1242-5

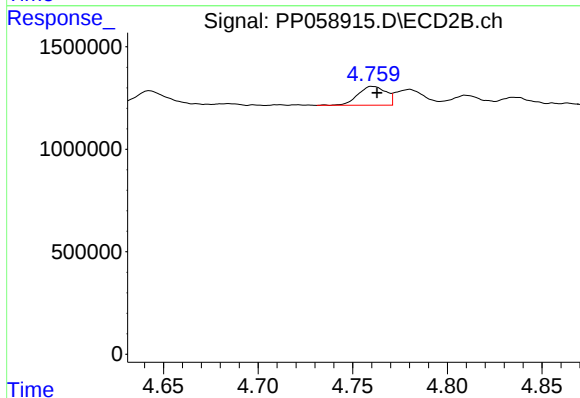
R.T.: 5.568 min
Delta R.T.: -0.002 min
Response: 51400365
Conc: 1067.73 ng/ml



#21 AR-1248-1

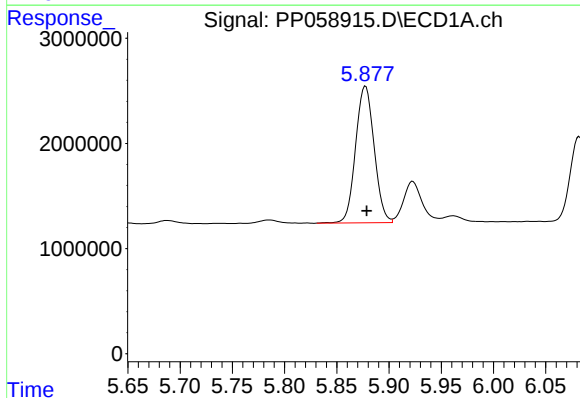
R.T.: 5.602 min
Delta R.T.: -0.001 min
Response: 765662
Conc: 27.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



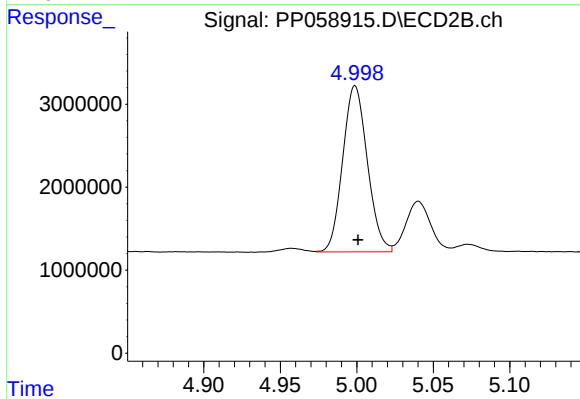
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 950859
Conc: 26.40 ng/ml



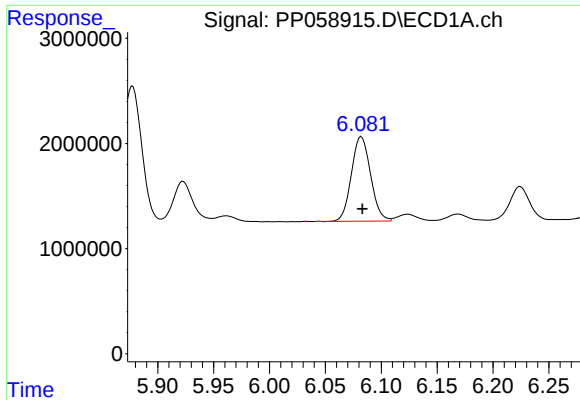
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: -0.001 min
Response: 16075389
Conc: 373.92 ng/ml



#22 AR-1248-2

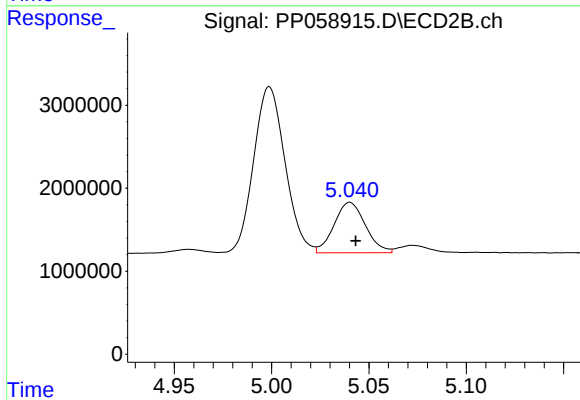
R.T.: 4.999 min
Delta R.T.: -0.002 min
Response: 22464737
Conc: 396.41 ng/ml



#23 AR-1248-3

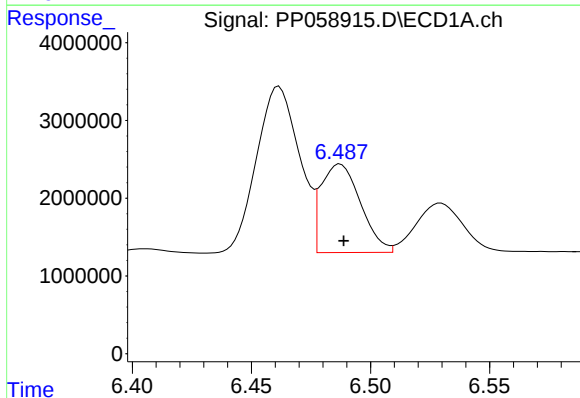
R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 9621246
Conc: 205.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



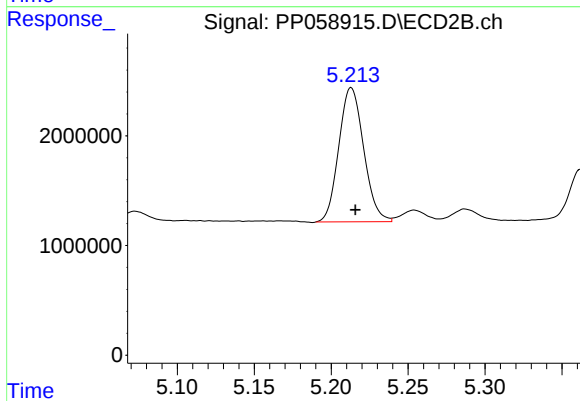
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 6813819
Conc: 118.97 ng/ml



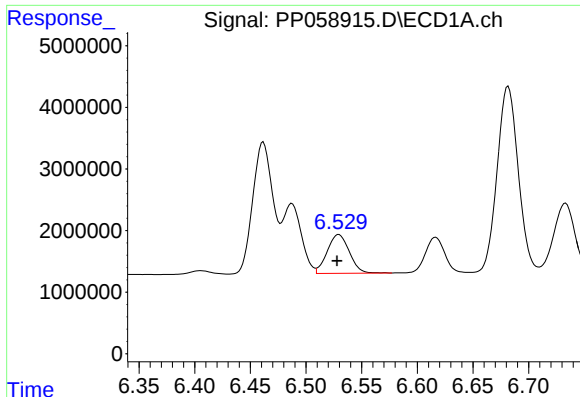
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 13123863
Conc: 277.53 ng/ml



#24 AR-1248-4

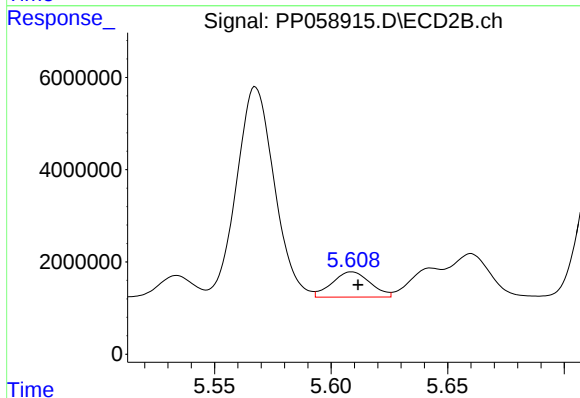
R.T.: 5.213 min
Delta R.T.: -0.003 min
Response: 13744663
Conc: 202.22 ng/ml



#25 AR-1248-5

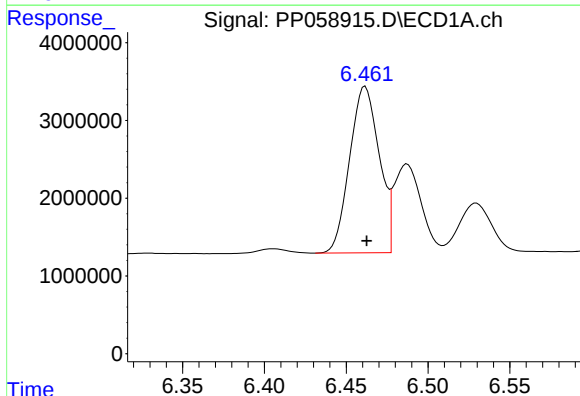
R.T.: 6.530 min
Delta R.T.: 0.001 min
Response: 8686126
Conc: 189.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



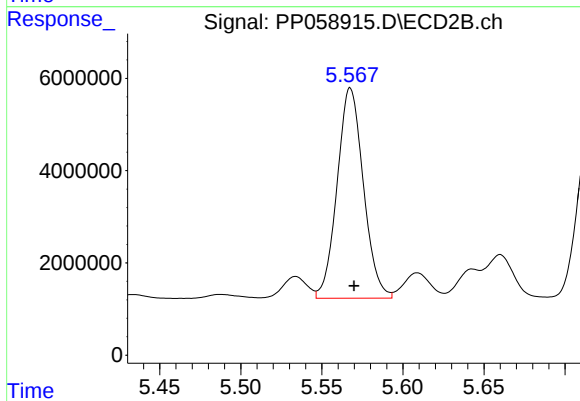
#25 AR-1248-5

R.T.: 5.609 min
Delta R.T.: -0.003 min
Response: 6234212
Conc: 102.30 ng/ml



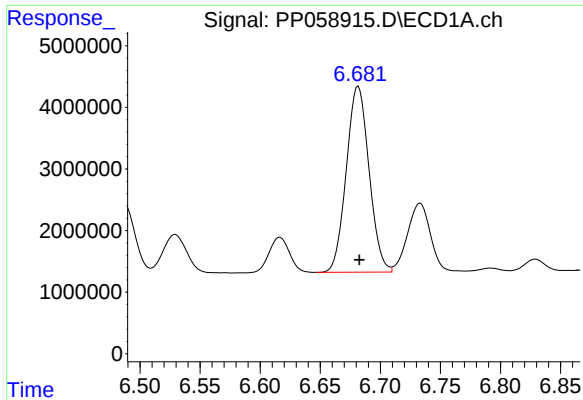
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 26867717
Conc: 506.53 ng/ml



#26 AR-1254-1

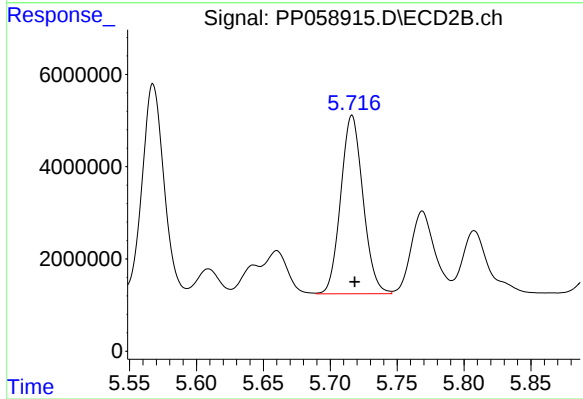
R.T.: 5.568 min
Delta R.T.: -0.002 min
Response: 51400365
Conc: 508.27 ng/ml



#27 AR-1254-2

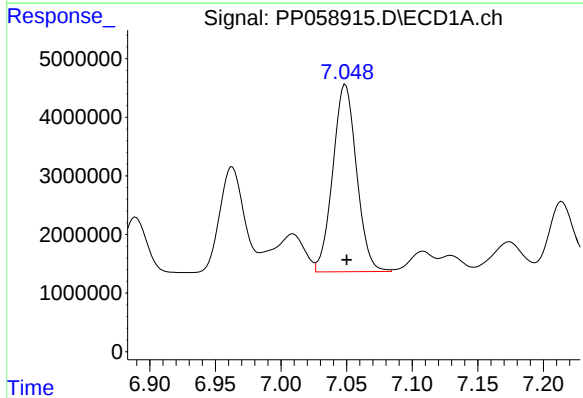
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 39759077
Conc: 507.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



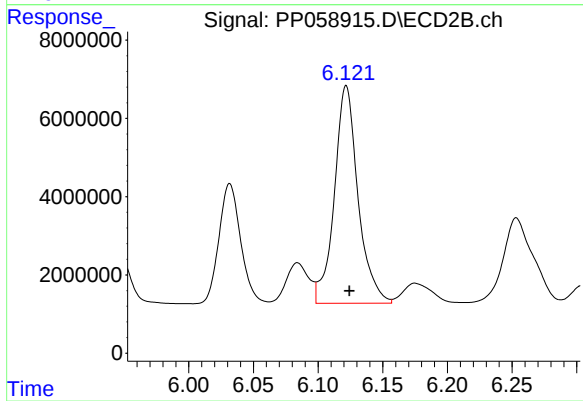
#27 AR-1254-2

R.T.: 5.716 min
Delta R.T.: -0.002 min
Response: 44856414
Conc: 518.83 ng/ml



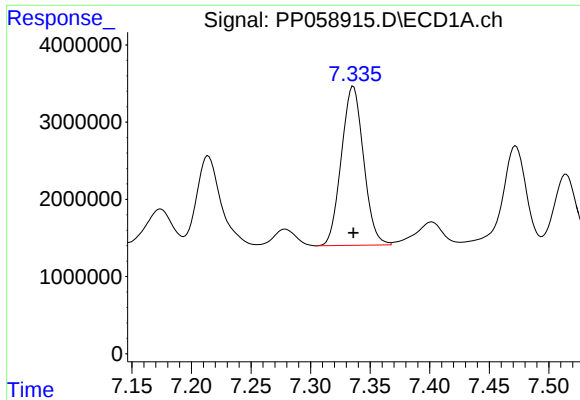
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 40261581
Conc: 513.72 ng/ml



#28 AR-1254-3

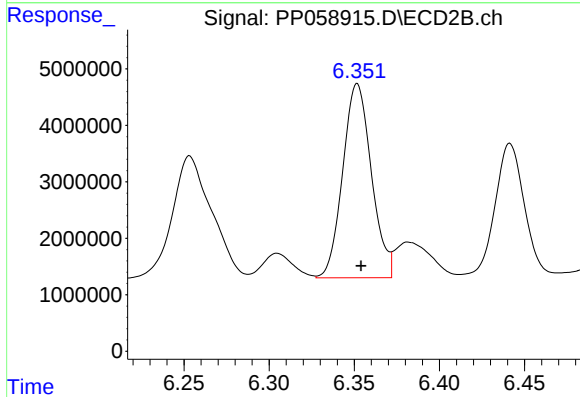
R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 70761320
Conc: 515.06 ng/ml



#29 AR-1254-4

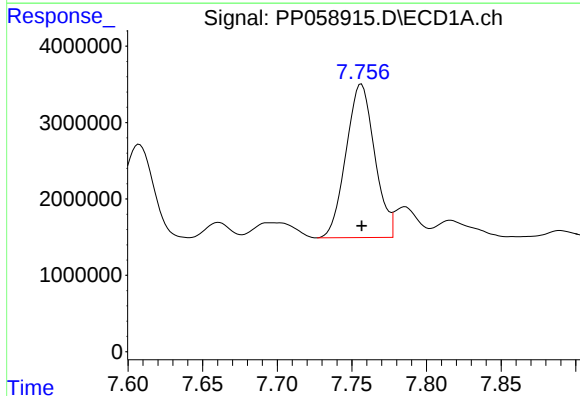
R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 26683915
Conc: 511.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



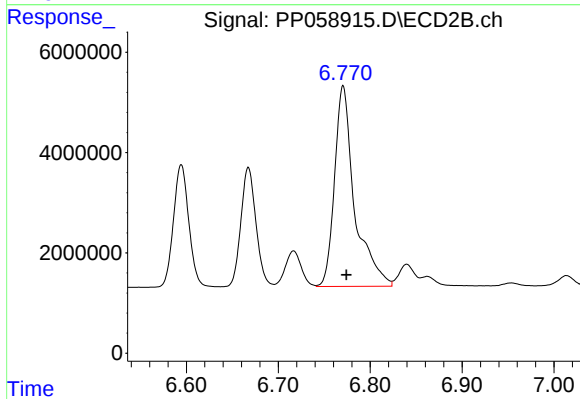
#29 AR-1254-4

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 40245020
Conc: 503.69 ng/ml



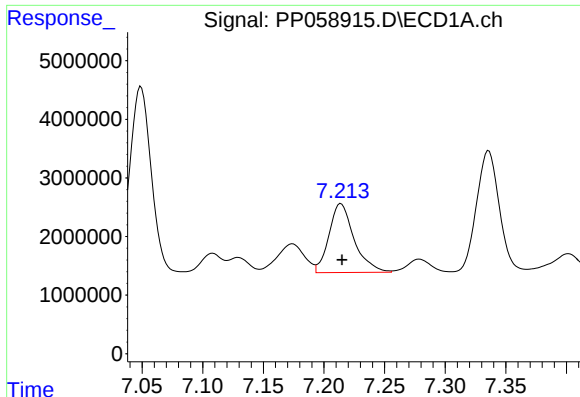
#30 AR-1254-5

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 26821851
Conc: 498.82 ng/ml



#30 AR-1254-5

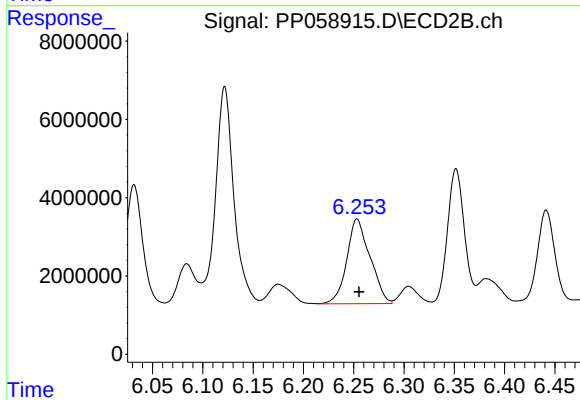
R.T.: 6.771 min
Delta R.T.: -0.004 min
Response: 60641952
Conc: 503.73 ng/ml



#31 AR-1260-1

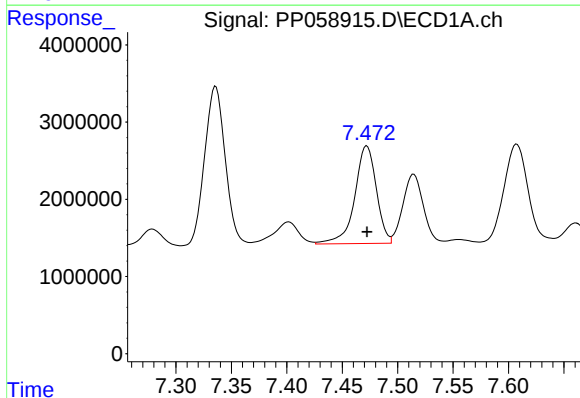
R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 16942690
Conc: 292.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



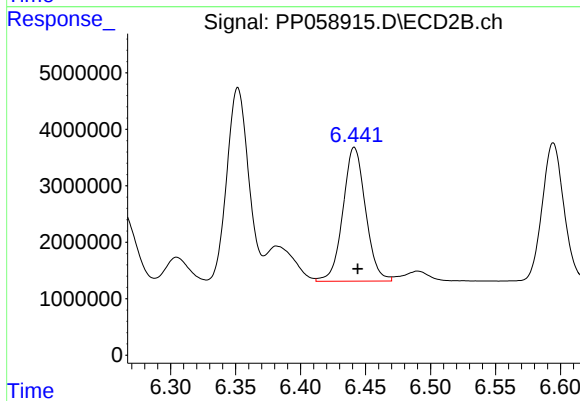
#31 AR-1260-1

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 34913969
Conc: 352.76 ng/ml



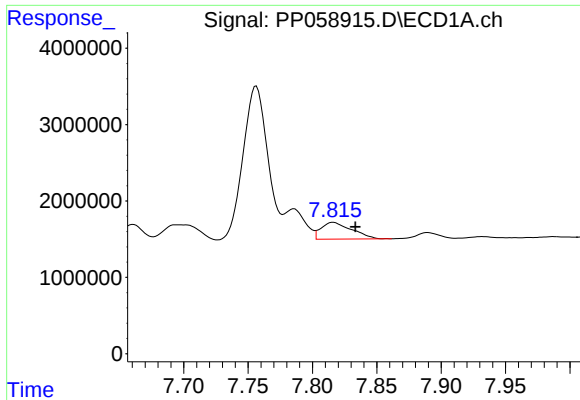
#32 AR-1260-2

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 17171414
Conc: 283.39 ng/ml



#32 AR-1260-2

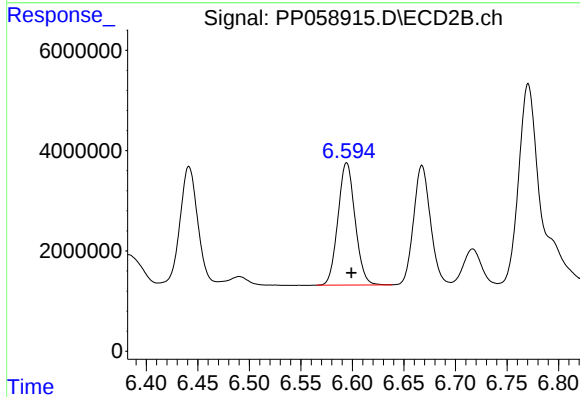
R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 28775159
Conc: 253.10 ng/ml



#33 AR-1260-3

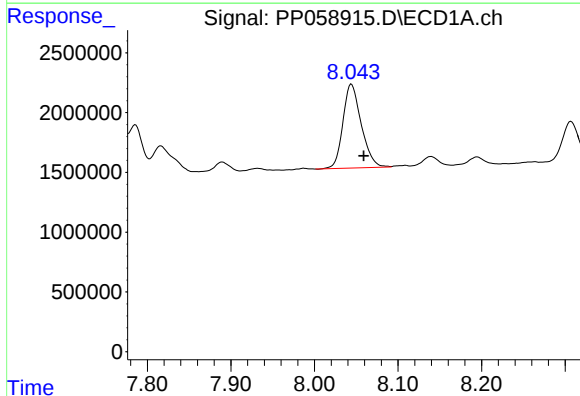
R.T.: 7.816 min
Delta R.T.: -0.017 min
Response: 3659339
Conc: 82.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



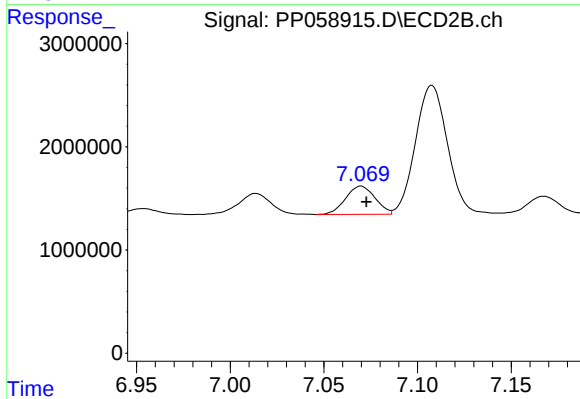
#33 AR-1260-3

R.T.: 6.594 min
Delta R.T.: -0.004 min
Response: 28230869
Conc: 257.94 ng/ml



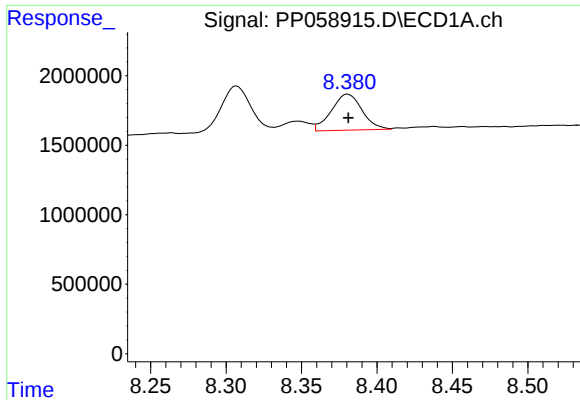
#34 AR-1260-4

R.T.: 8.044 min
Delta R.T.: -0.015 min
Response: 10702321
Conc: 216.99 ng/ml



#34 AR-1260-4

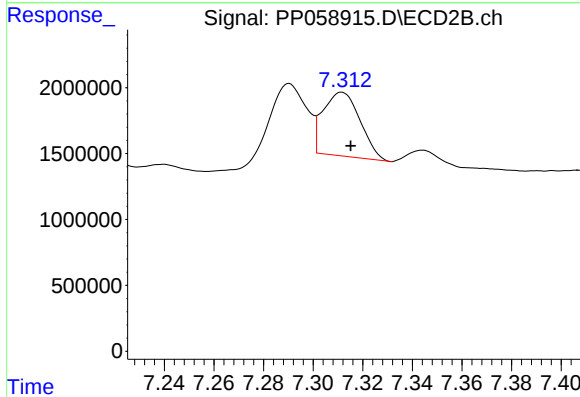
R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 2999772
Conc: 35.28 ng/ml



#35 AR-1260-5

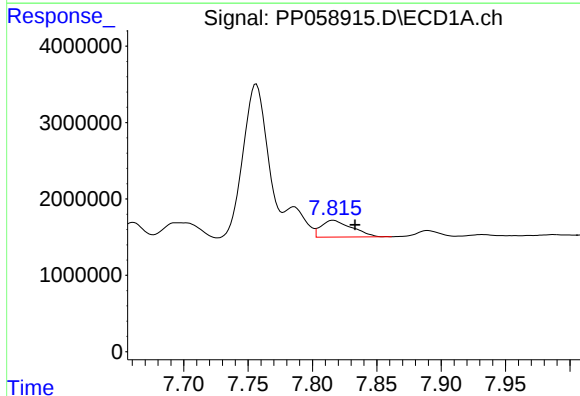
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 3681516
Conc: 41.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



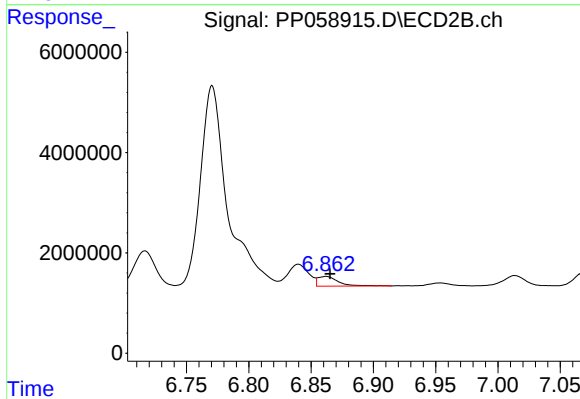
#35 AR-1260-5

R.T.: 7.312 min
Delta R.T.: -0.004 min
Response: 5006565
Conc: 29.52 ng/ml



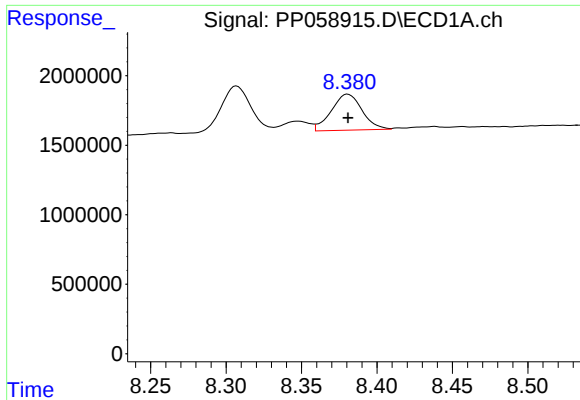
#36 AR-1262-1

R.T.: 7.816 min
Delta R.T.: -0.017 min
Response: 3659339
Conc: 53.63 ng/ml



#36 AR-1262-1

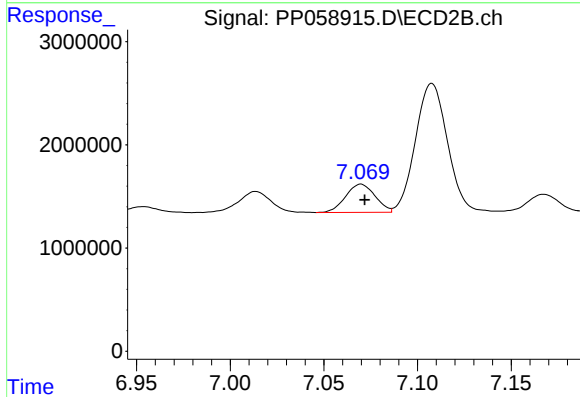
R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 2189225
Conc: 40.06 ng/ml



#37 AR-1262-2

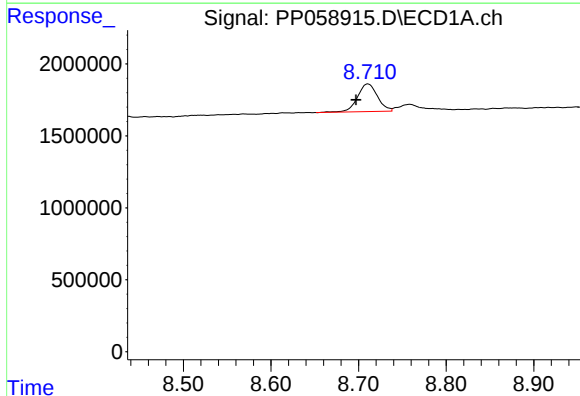
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 3681516
Conc: 33.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



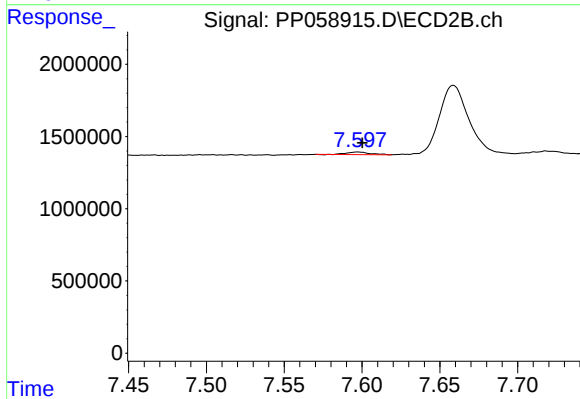
#37 AR-1262-2

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 2999772
Conc: 26.01 ng/ml



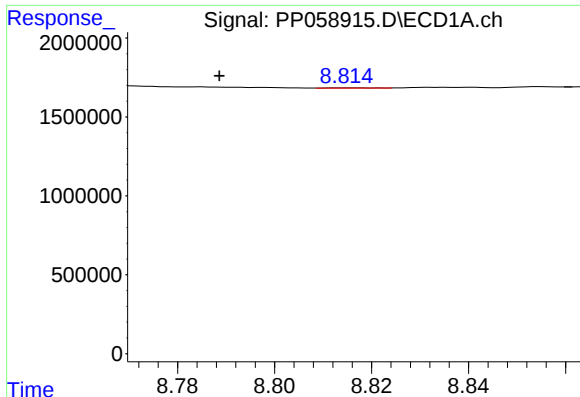
#38 AR-1262-3

R.T.: 8.711 min
Delta R.T.: 0.013 min
Response: 3058152
Conc: 39.02 ng/ml



#38 AR-1262-3

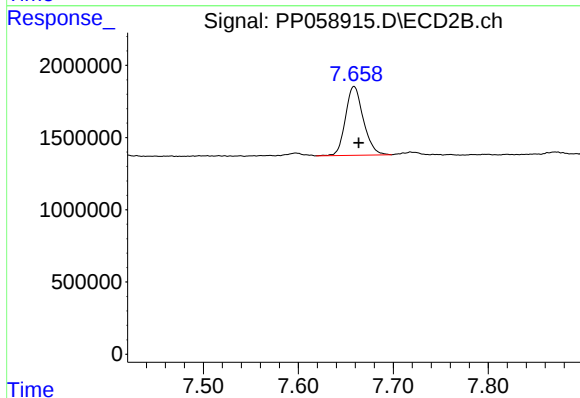
R.T.: 7.598 min
Delta R.T.: -0.003 min
Response: 177350
Conc: 2.02 ng/ml



#39 AR-1262-4

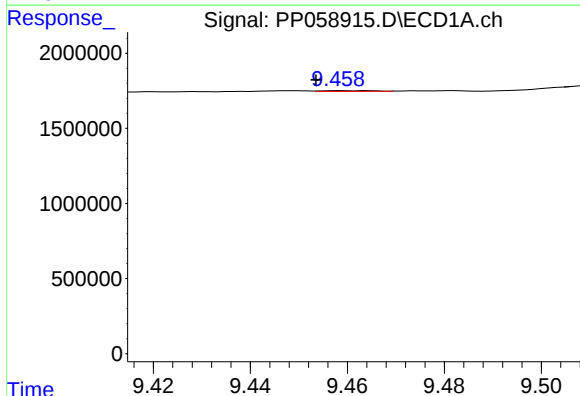
R.T.: 8.815 min
Delta R.T.: 0.026 min
Response: 10543
Conc: 0.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



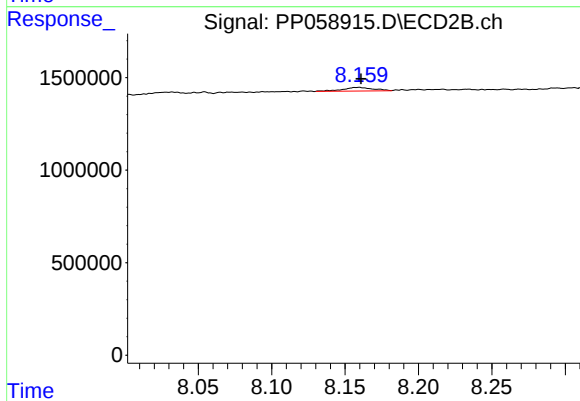
#39 AR-1262-4

R.T.: 7.659 min
Delta R.T.: -0.005 min
Response: 6226248
Conc: 39.55 ng/ml



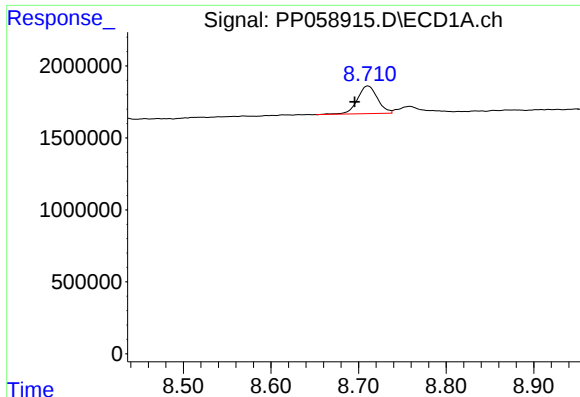
#40 AR-1262-5

R.T.: 9.458 min
Delta R.T.: 0.005 min
Response: 40322
Conc: 1.04 ng/ml



#40 AR-1262-5

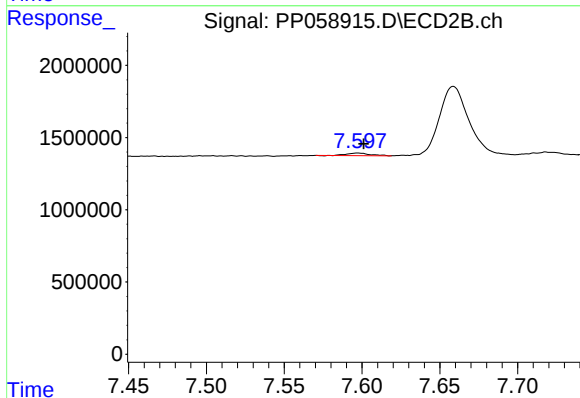
R.T.: 8.159 min
Delta R.T.: -0.002 min
Response: 287177
Conc: 4.21 ng/ml



#41 AR-1268-1

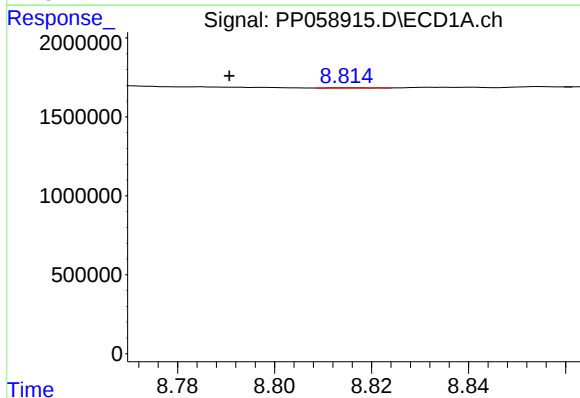
R.T.: 8.711 min
Delta R.T.: 0.015 min
Response: 3058152
Conc: 22.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



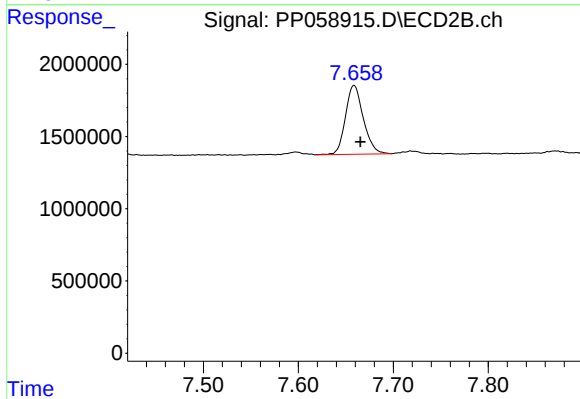
#41 AR-1268-1

R.T.: 7.598 min
Delta R.T.: -0.003 min
Response: 177350
Conc: 0.73 ng/ml



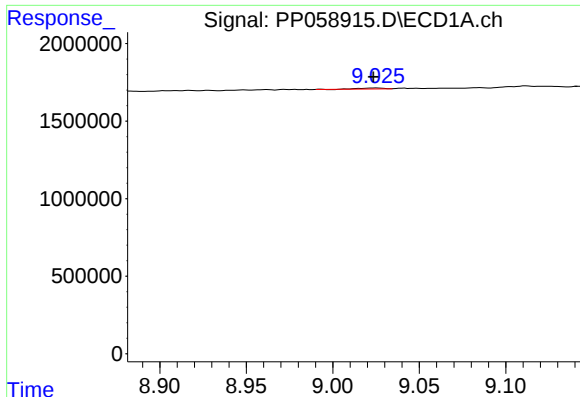
#42 AR-1268-2

R.T.: 8.815 min
Delta R.T.: 0.024 min
Response: 10543
Conc: 0.09 ng/ml



#42 AR-1268-2

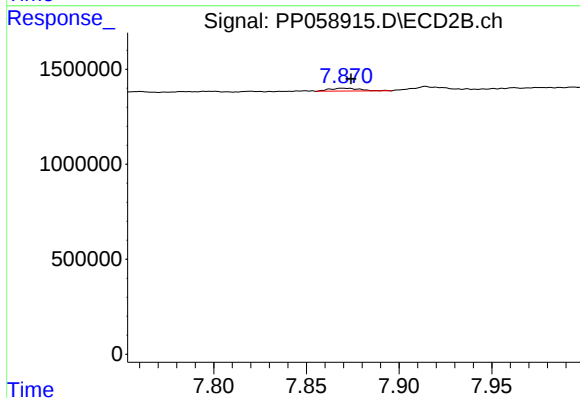
R.T.: 7.659 min
Delta R.T.: -0.007 min
Response: 6226248
Conc: 28.07 ng/ml



#43 AR-1268-3

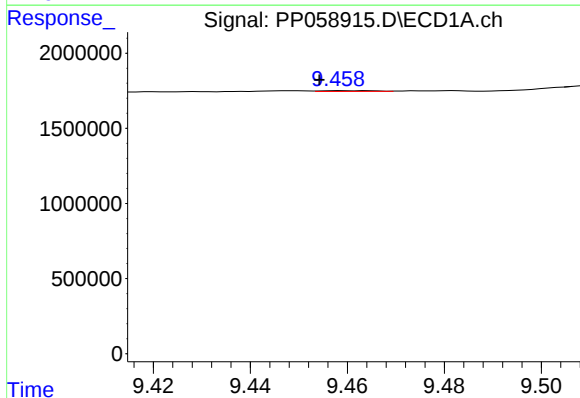
R.T.: 9.025 min
Delta R.T.: 0.001 min
Response: 60914
Conc: 0.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



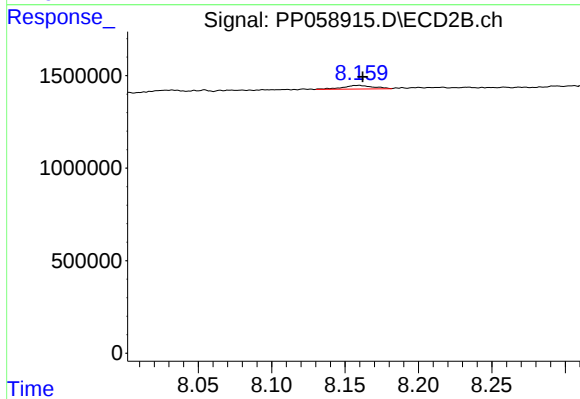
#43 AR-1268-3

R.T.: 7.870 min
Delta R.T.: -0.004 min
Response: 177572
Conc: 0.87 ng/ml



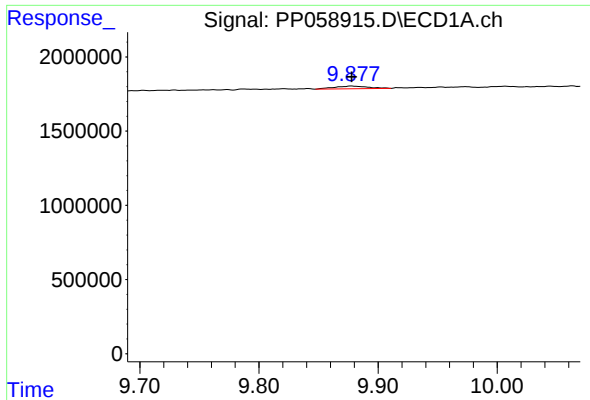
#44 AR-1268-4

R.T.: 9.458 min
Delta R.T.: 0.004 min
Response: 40322
Conc: 0.97 ng/ml



#44 AR-1268-4

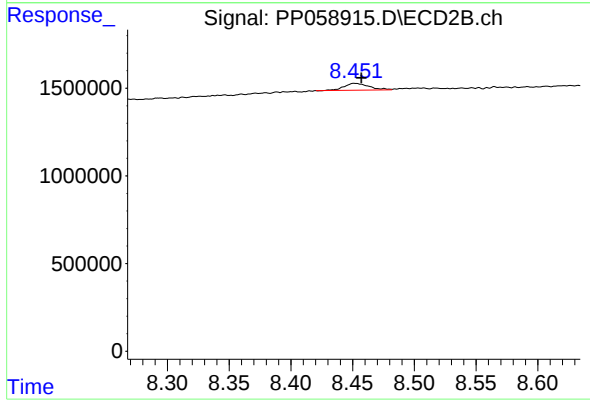
R.T.: 8.159 min
Delta R.T.: -0.003 min
Response: 287177
Conc: 3.88 ng/ml



#45 AR-1268-5

R.T.: 9.878 min
Delta R.T.: 0.000 min
Response: 348844
Conc: 1.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: -0.005 min
Response: 558800
Conc: 1.01 ng/ml