

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022023\
 Data File : PP055796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 13:31
 Operator : YP\AJ
 Sample : 01593-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:52:05 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...	4.326	3.569	29283957	25048079	18.175	17.154
2)	SA Decachlor...	10.082	8.577	32057232	21675862	15.715	19.106
Target Compounds							
3)	L1 AR-1016-1	5.497	4.658	633397	1483240	10.614	32.939 #
4)	L1 AR-1016-2	5.522	4.658	361093	1483240	4.127	22.839 #
5)	L1 AR-1016-3	5.580	4.847	439958	488724	7.920	14.063 #
6)	L1 AR-1016-4	5.682	4.889	146138	1500737	3.279	50.207 #
7)	L1 AR-1016-5	5.976	5.093	2320361	630883	48.056	15.958 #
8)	L2 AR-1221-1	4.532	3.792	448857	845903	21.564	47.092 #
9)	L2 AR-1221-2	4.632	3.844f	889696	3828483	55.932	291.509 #
10)	L2 AR-1221-3	4.695	3.942	131393	277664	2.708	6.653 #
11)	L3 AR-1232-1	4.695	3.942	131393	277664	3.317	8.066 #
12)	L3 AR-1232-2	5.235	4.658	2264974	1483240	109.043	50.536 #
13)	L3 AR-1232-3	5.522	4.847	361093	488724	9.164	32.159 #
14)	L3 AR-1232-4	5.682	4.934	146138	658323	7.460	43.426 #
15)	L3 AR-1232-5	5.775	5.093	1394777	630883	87.210	38.488 #
16)	L4 AR-1242-1	5.497	4.658	633397	1483240	13.118	40.313 #
17)	L4 AR-1242-2	5.522	4.658	361093	1483240	5.082	28.160 #
18)	L4 AR-1242-3	5.580	4.847	439958	488724	9.861	17.263 #
19)	L4 AR-1242-4	5.682	4.934	146138	658323	4.045	21.338 #
20)	L4 AR-1242-5	6.426	5.455	4283293	13613463	102.253	408.699 #
21)	L5 AR-1248-1	5.497	4.658	633397	1483240	17.409	53.109 #
22)	L5 AR-1248-2	5.775	4.889	1394777	1500737	24.241	35.278 #
23)	L5 AR-1248-3	5.976	4.934	2320361	658323	35.710	14.793 #
24)	L5 AR-1248-4	6.384	5.093	3145121	630883	43.349	12.322 #
25)	L5 AR-1248-5	6.426	5.496	4283293	1965555	60.432	44.595 #
26)	L6 AR-1254-1	6.357	5.455	14275759	13613463	194.170	185.035
27)	L6 AR-1254-2	6.576	5.603	23744662	15255907	205.752	242.477
28)	L6 AR-1254-3	6.945	6.009	40918042	67152604	332.480	684.691 #
29)	L6 AR-1254-4	7.232	6.237	31061772	16711051	338.179	303.582
30)	L6 AR-1254-5	7.652	6.656	192.6E6	105.0E6	1832.889	1292.609 #
31)	L7 AR-1260-1	7.110	6.139	82910667	62142332	800.729	852.415
32)	L7 AR-1260-2	7.368	6.327	98383133	69606947	782.235	853.049
33)	L7 AR-1260-3	7.730	6.481	78221458	66037816	890.629	781.453
34)	L7 AR-1260-4	7.955	6.954	126.6E6	53048989	1178.037	828.881 #
35)	L7 AR-1260-5	8.273	7.198	196.8E6	127.4E6	953.477	940.853
36)	L8 AR-1262-1	7.730	6.748	78221458	31553897	663.000	895.192 #
37)	L8 AR-1262-2	8.273	6.954	196.8E6	53048989	896.881	714.434
38)	L8 AR-1262-3	8.596f	7.482	137.1E6	21584661	896.926	389.023 #
39)	L8 AR-1262-4	8.673	7.545	31999298	90907475	425.041	895.499 #
40)	L8 AR-1262-5	9.329	8.042	56023992	28016611	679.520	616.066
41)	L9 AR-1268-1	8.596f	7.482	137.1E6	21584661	480.453	128.375 #

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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

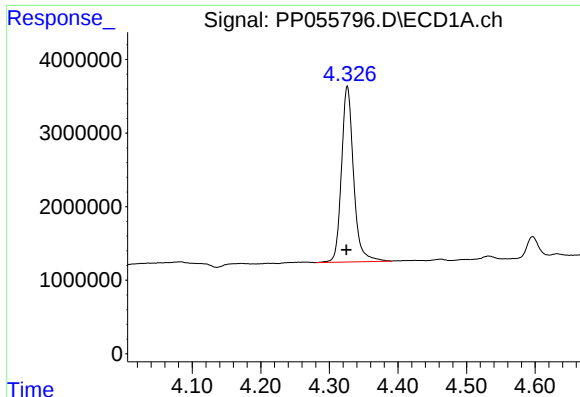
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:52:05 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	8.673	7.545	31999298	90907475	120.013	594.320 #
43) L9	AR-1268-3	8.904	7.751	1392634	1192968	5.918	8.694 #
44) L9	AR-1268-4	9.329	8.042	56023992	28016611	567.451	509.234
45) L9	AR-1268-5	9.745	8.329	14299610	8267152	18.994	20.496

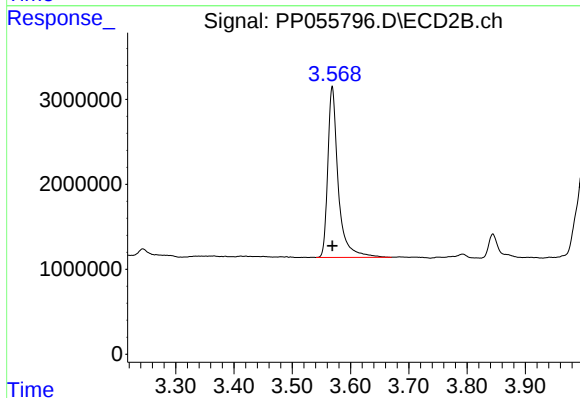
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

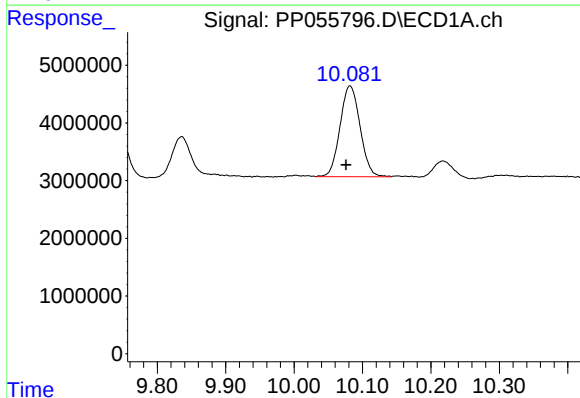
R.T.: 4.326 min
Delta R.T.: 0.001 min
Response: 29283957
Conc: 18.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



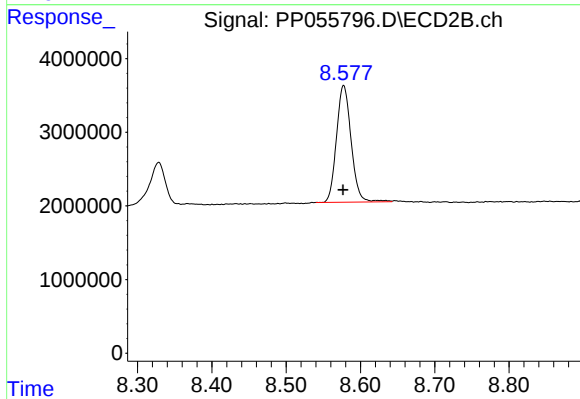
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 25048079
Conc: 17.15 ng/ml



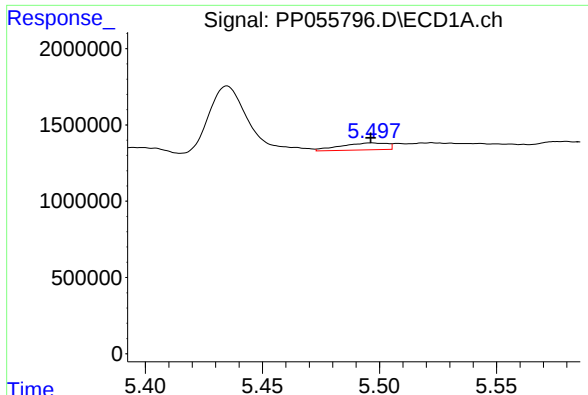
#2 Decachlorobiphenyl

R.T.: 10.082 min
Delta R.T.: 0.006 min
Response: 32057232
Conc: 15.71 ng/ml



#2 Decachlorobiphenyl

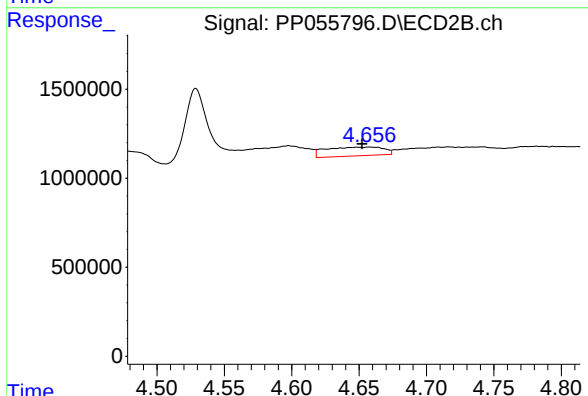
R.T.: 8.577 min
Delta R.T.: 0.000 min
Response: 21675862
Conc: 19.11 ng/ml



#3 AR-1016-1

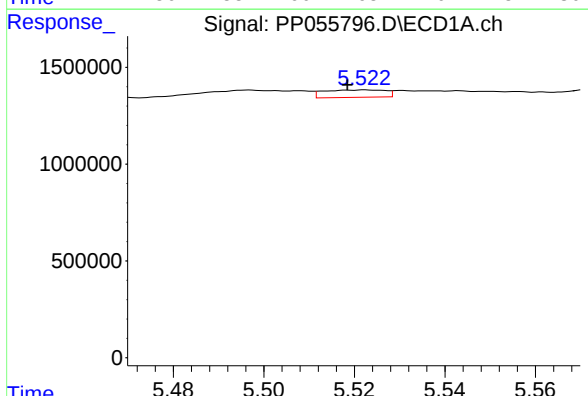
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 633397
Conc: 10.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



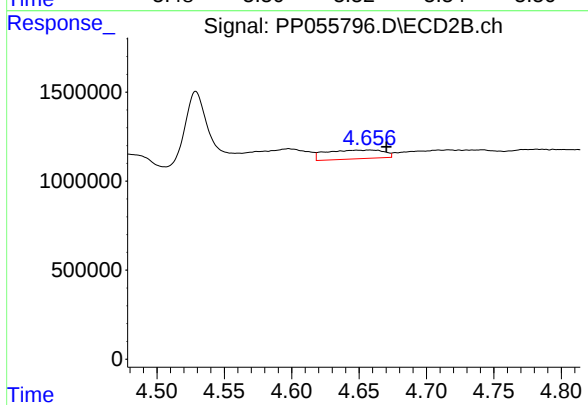
#3 AR-1016-1

R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 1483240
Conc: 32.94 ng/ml



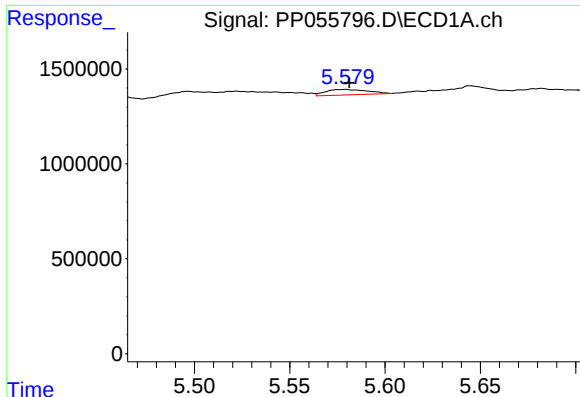
#4 AR-1016-2

R.T.: 5.522 min
Delta R.T.: 0.004 min
Response: 361093
Conc: 4.13 ng/ml



#4 AR-1016-2

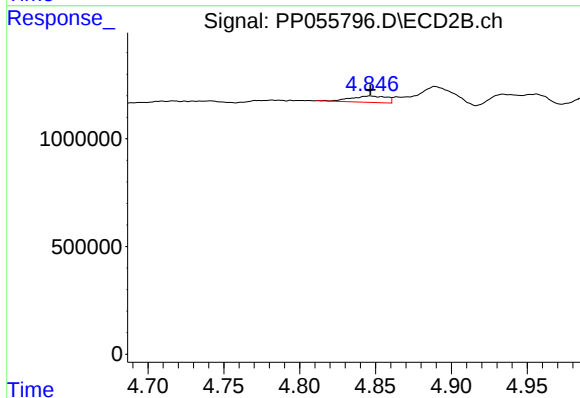
R.T.: 4.658 min
Delta R.T.: -0.013 min
Response: 1483240
Conc: 22.84 ng/ml



#5 AR-1016-3

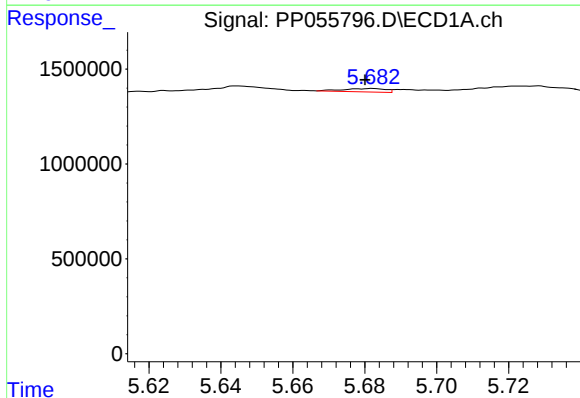
R.T.: 5.580 min
Delta R.T.: -0.002 min
Response: 439958
Conc: 7.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



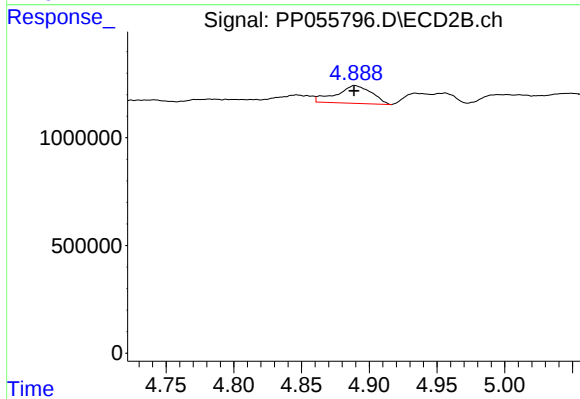
#5 AR-1016-3

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 488724
Conc: 14.06 ng/ml



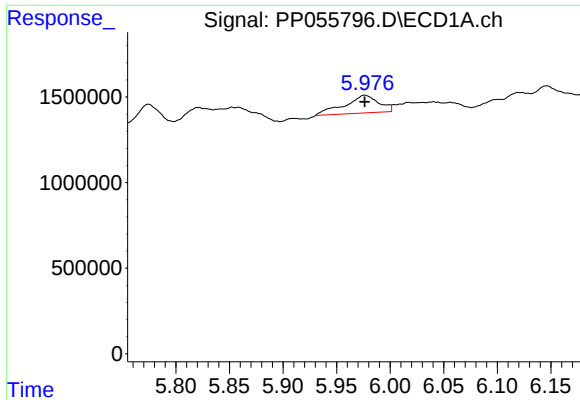
#6 AR-1016-4

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 146138
Conc: 3.28 ng/ml



#6 AR-1016-4

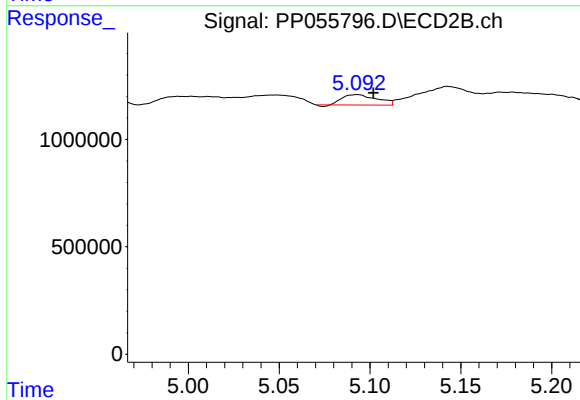
R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 1500737
Conc: 50.21 ng/ml



#7 AR-1016-5

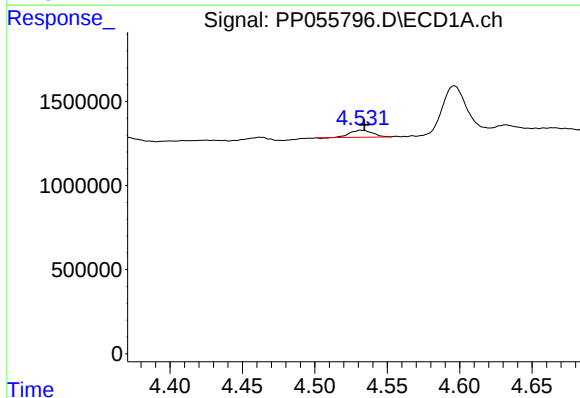
R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 2320361
Conc: 48.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



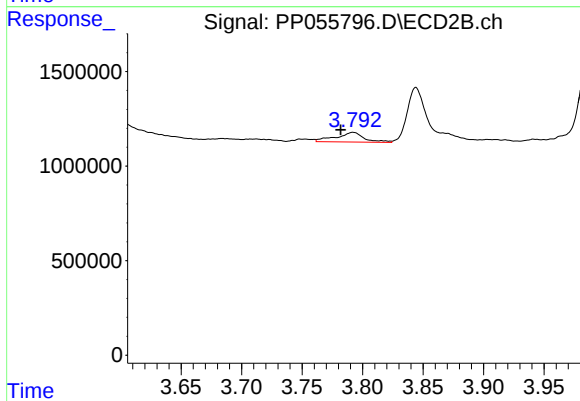
#7 AR-1016-5

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 630883
Conc: 15.96 ng/ml



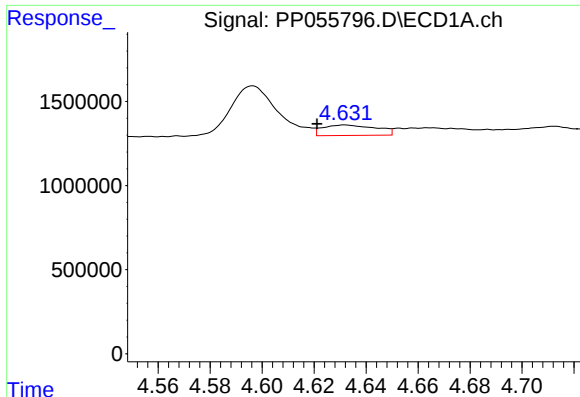
#8 AR-1221-1

R.T.: 4.532 min
Delta R.T.: -0.003 min
Response: 448857
Conc: 21.56 ng/ml



#8 AR-1221-1

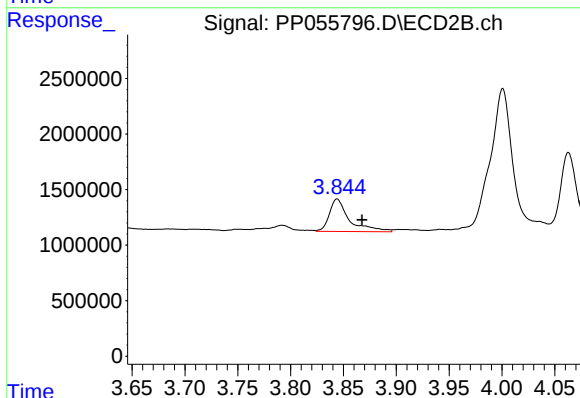
R.T.: 3.792 min
Delta R.T.: 0.010 min
Response: 845903
Conc: 47.09 ng/ml



#9 AR-1221-2

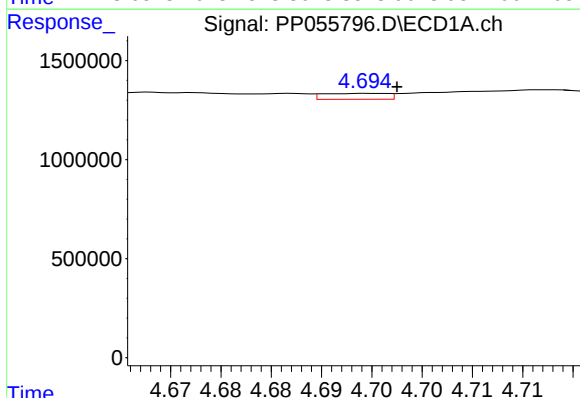
R.T.: 4.632 min
Delta R.T.: 0.011 min
Response: 889696
Conc: 55.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



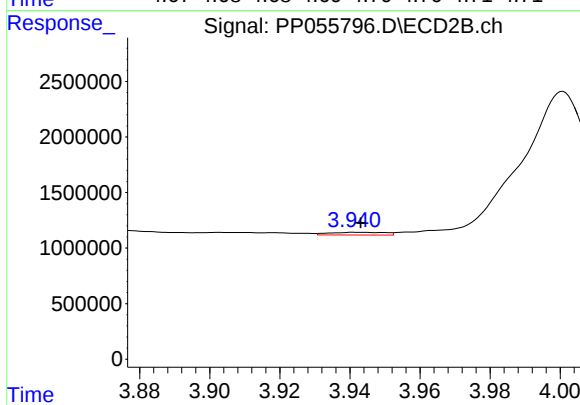
#9 AR-1221-2

R.T.: 3.844 min
Delta R.T.: -0.024 min
Response: 3828483
Conc: 291.51 ng/ml



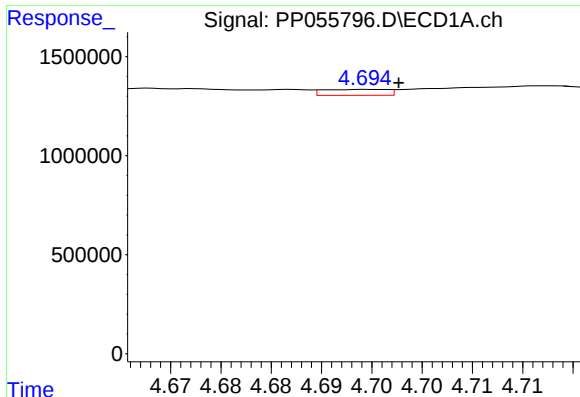
#10 AR-1221-3

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 131393
Conc: 2.71 ng/ml



#10 AR-1221-3

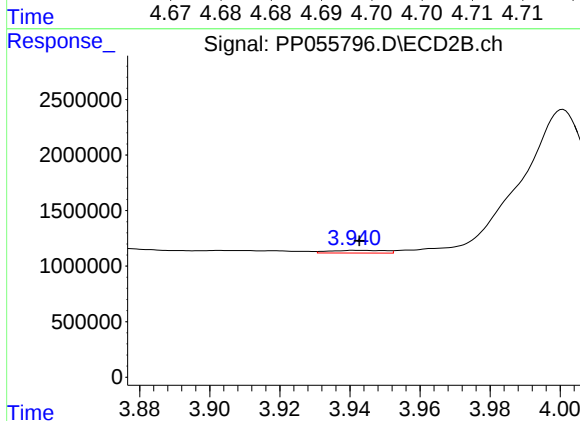
R.T.: 3.942 min
Delta R.T.: -0.001 min
Response: 277664
Conc: 6.65 ng/ml



#11 AR-1232-1

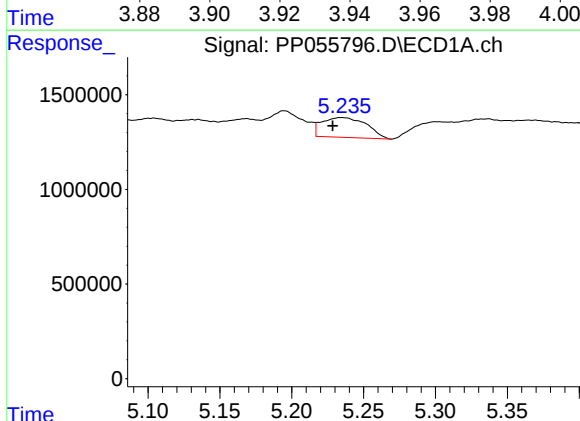
R.T.: 4.695 min
Delta R.T.: -0.003 min
Response: 131393
Conc: 3.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



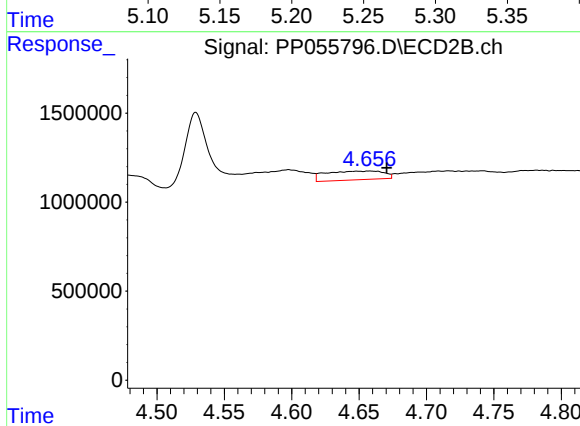
#11 AR-1232-1

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 277664
Conc: 8.07 ng/ml



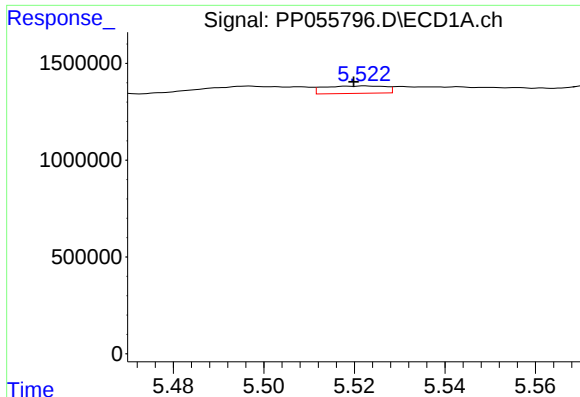
#12 AR-1232-2

R.T.: 5.235 min
Delta R.T.: 0.007 min
Response: 2264974
Conc: 109.04 ng/ml



#12 AR-1232-2

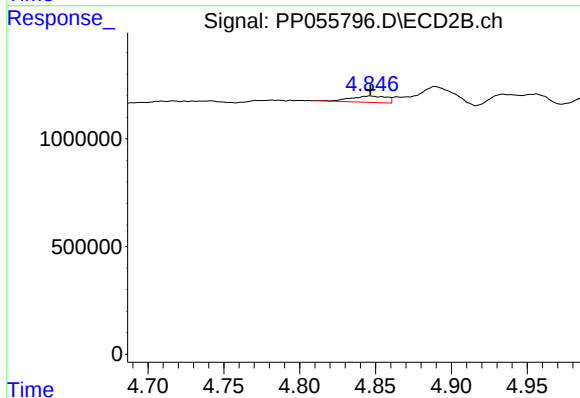
R.T.: 4.658 min
Delta R.T.: -0.013 min
Response: 1483240
Conc: 50.54 ng/ml



#13 AR-1232-3

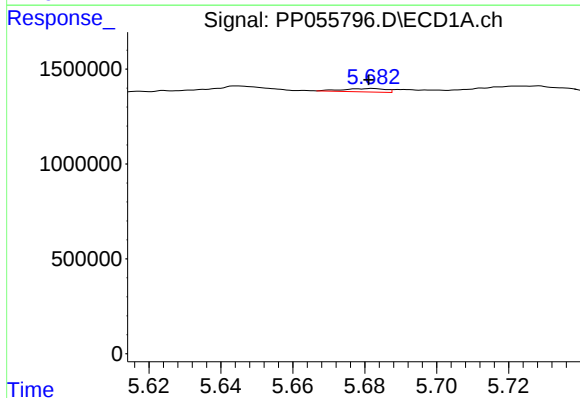
R.T.: 5.522 min
Delta R.T.: 0.003 min
Response: 361093
Conc: 9.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



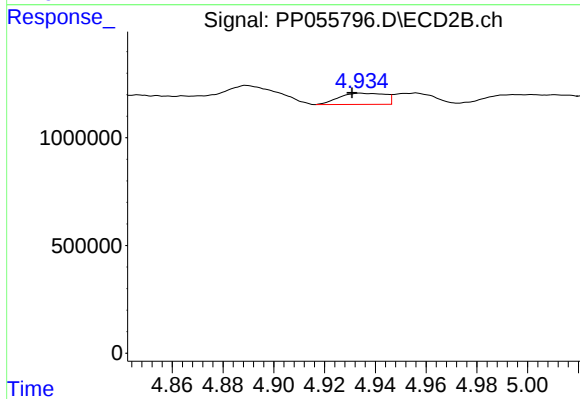
#13 AR-1232-3

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 488724
Conc: 32.16 ng/ml



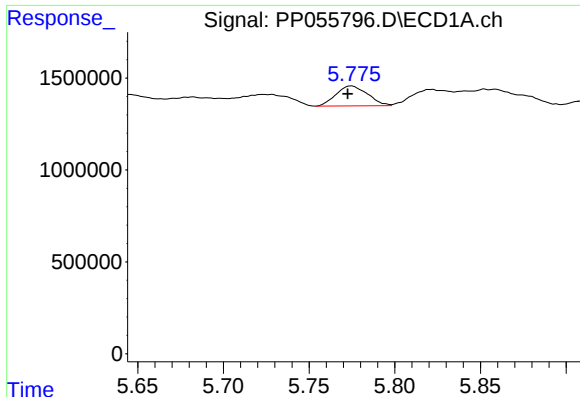
#14 AR-1232-4

R.T.: 5.682 min
Delta R.T.: 0.001 min
Response: 146138
Conc: 7.46 ng/ml



#14 AR-1232-4

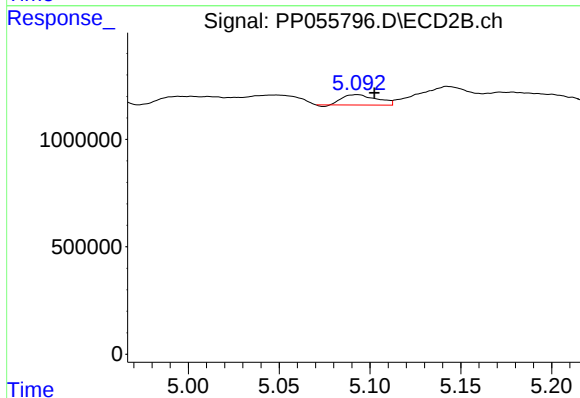
R.T.: 4.934 min
Delta R.T.: 0.003 min
Response: 658323
Conc: 43.43 ng/ml



#15 AR-1232-5

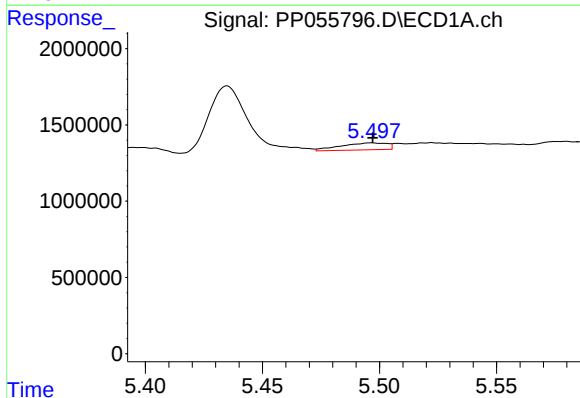
R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 1394777
Conc: 87.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



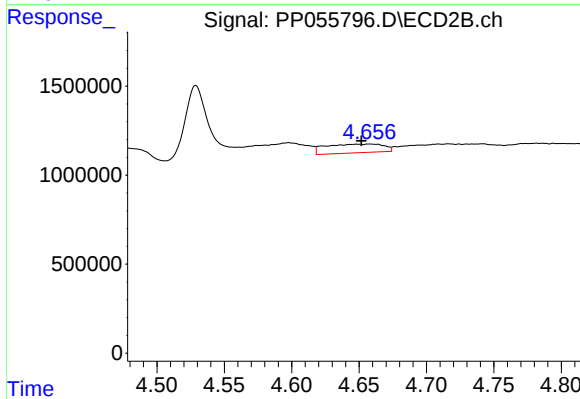
#15 AR-1232-5

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 630883
Conc: 38.49 ng/ml



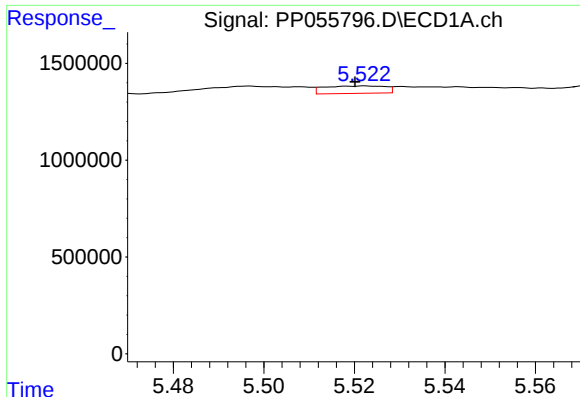
#16 AR-1242-1

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 633397
Conc: 13.12 ng/ml



#16 AR-1242-1

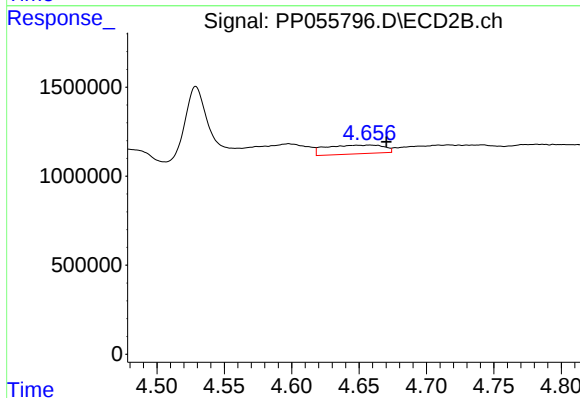
R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 1483240
Conc: 40.31 ng/ml



#17 AR-1242-2

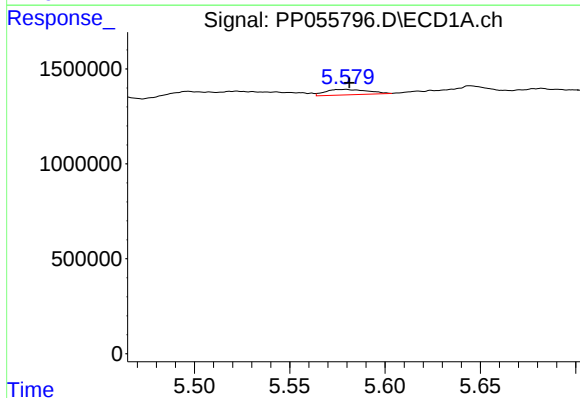
R.T.: 5.522 min
Delta R.T.: 0.002 min
Response: 361093
Conc: 5.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



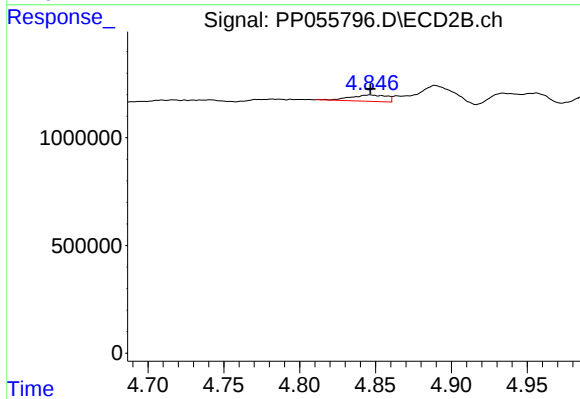
#17 AR-1242-2

R.T.: 4.658 min
Delta R.T.: -0.013 min
Response: 1483240
Conc: 28.16 ng/ml



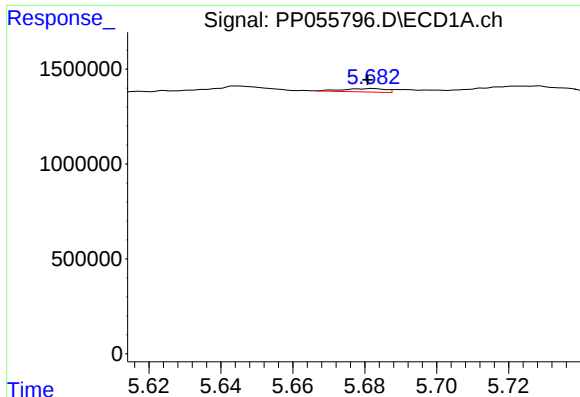
#18 AR-1242-3

R.T.: 5.580 min
Delta R.T.: -0.002 min
Response: 439958
Conc: 9.86 ng/ml



#18 AR-1242-3

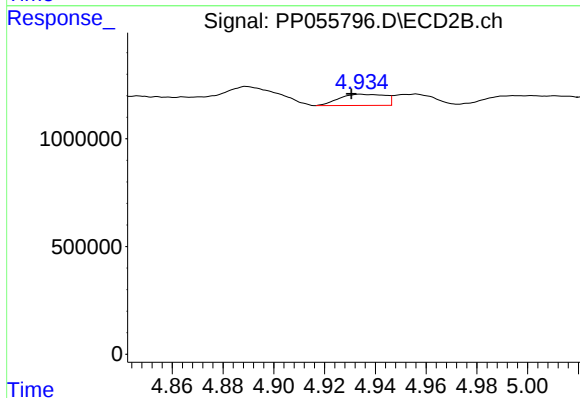
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 488724
Conc: 17.26 ng/ml



#19 AR-1242-4

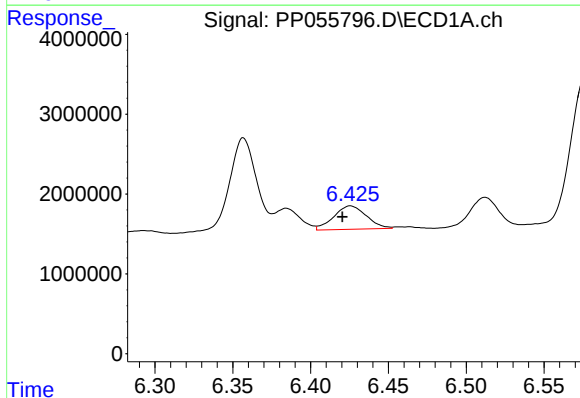
R.T.: 5.682 min
Delta R.T.: 0.001 min
Response: 146138
Conc: 4.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



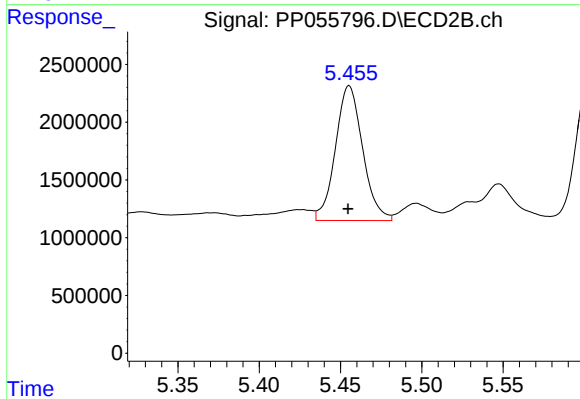
#19 AR-1242-4

R.T.: 4.934 min
Delta R.T.: 0.004 min
Response: 658323
Conc: 21.34 ng/ml



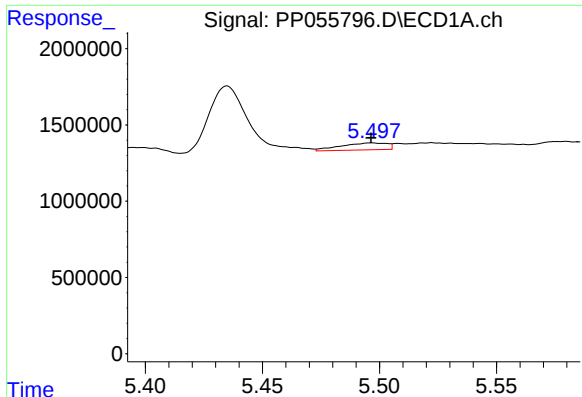
#20 AR-1242-5

R.T.: 6.426 min
Delta R.T.: 0.005 min
Response: 4283293
Conc: 102.25 ng/ml



#20 AR-1242-5

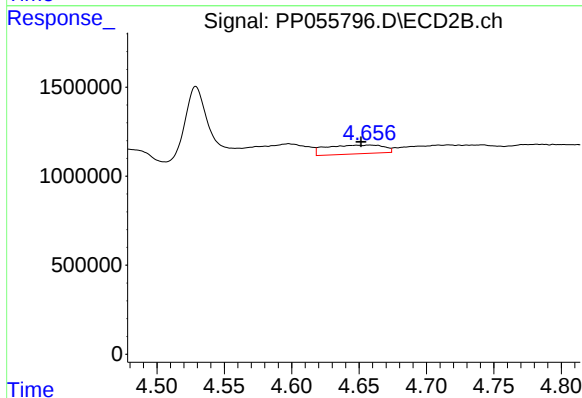
R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 13613463
Conc: 408.70 ng/ml



#21 AR-1248-1

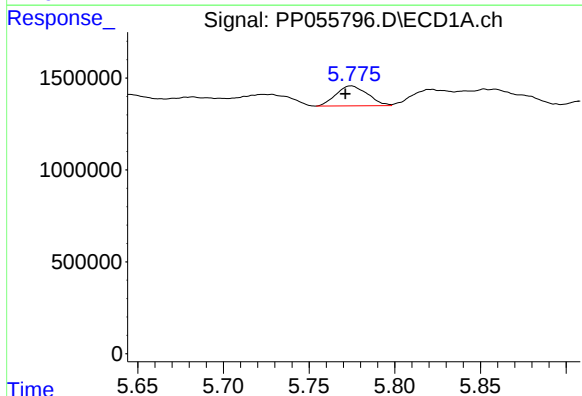
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 633397
Conc: 17.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



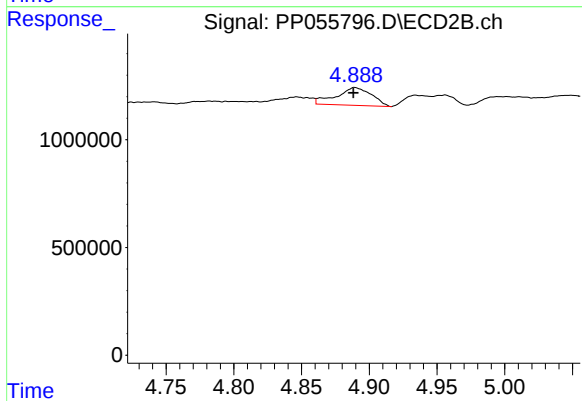
#21 AR-1248-1

R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 1483240
Conc: 53.11 ng/ml



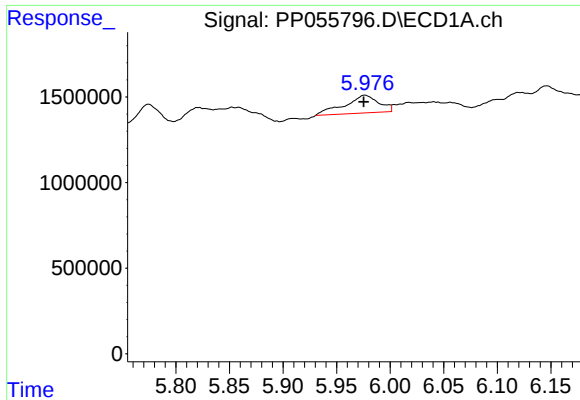
#22 AR-1248-2

R.T.: 5.775 min
Delta R.T.: 0.003 min
Response: 1394777
Conc: 24.24 ng/ml



#22 AR-1248-2

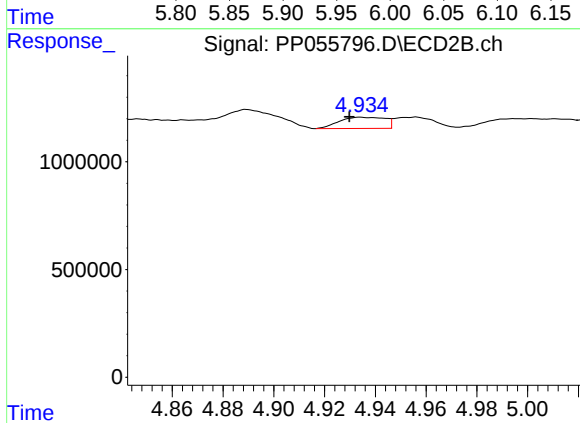
R.T.: 4.889 min
Delta R.T.: 0.001 min
Response: 1500737
Conc: 35.28 ng/ml



#23 AR-1248-3

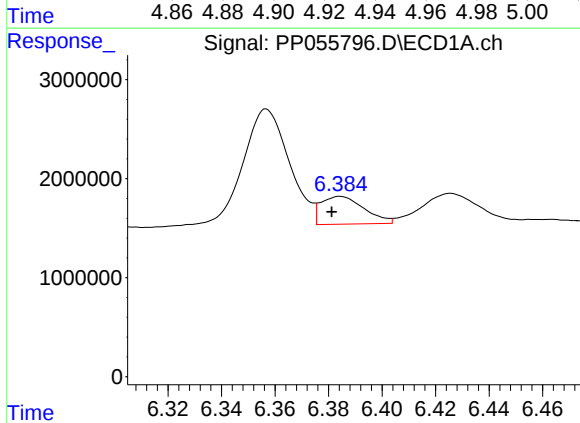
R.T.: 5.976 min
Delta R.T.: 0.001 min
Response: 2320361
Conc: 35.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



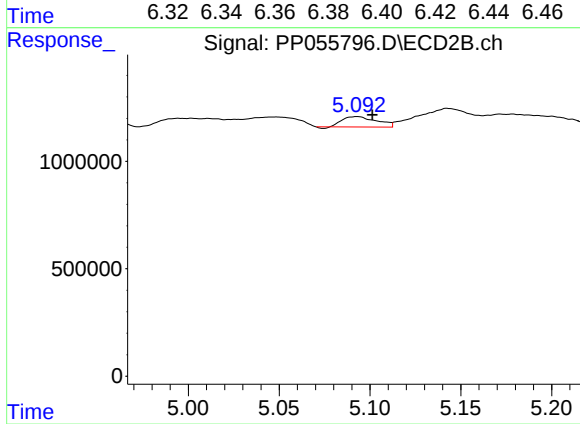
#23 AR-1248-3

R.T.: 4.934 min
Delta R.T.: 0.004 min
Response: 658323
Conc: 14.79 ng/ml



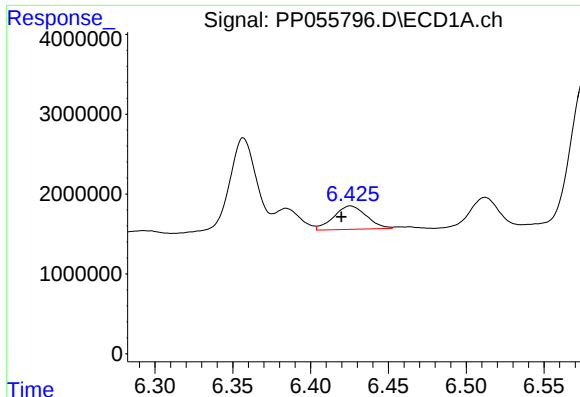
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 3145121
Conc: 43.35 ng/ml



#24 AR-1248-4

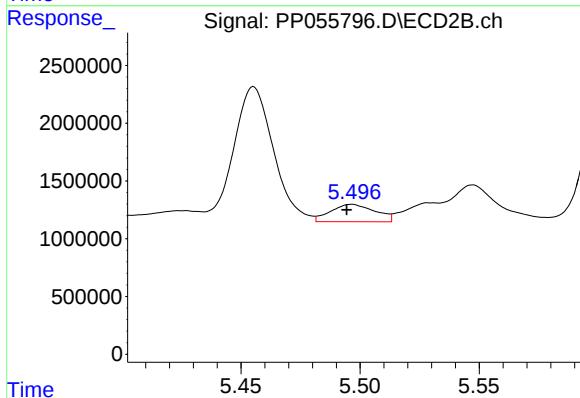
R.T.: 5.093 min
Delta R.T.: -0.008 min
Response: 630883
Conc: 12.32 ng/ml



#25 AR-1248-5

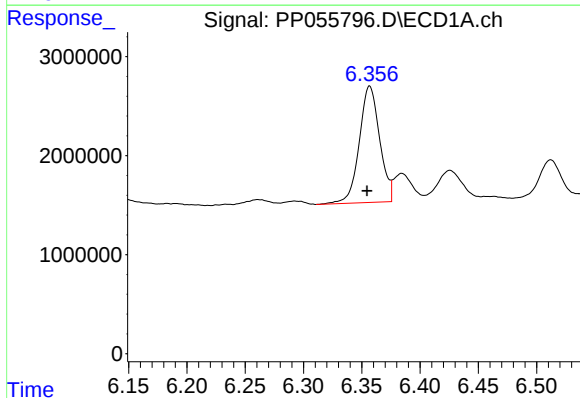
R.T.: 6.426 min
Delta R.T.: 0.006 min
Response: 4283293
Conc: 60.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



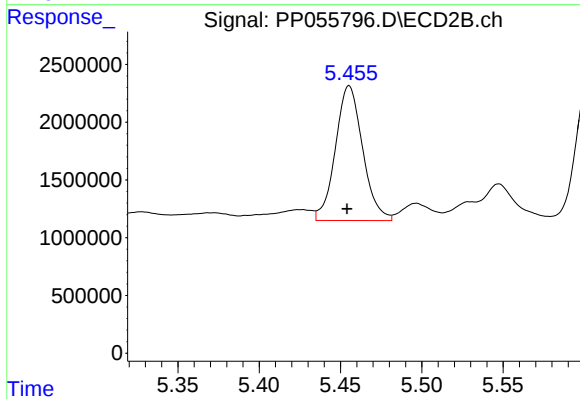
#25 AR-1248-5

R.T.: 5.496 min
Delta R.T.: 0.002 min
Response: 1965555
Conc: 44.59 ng/ml



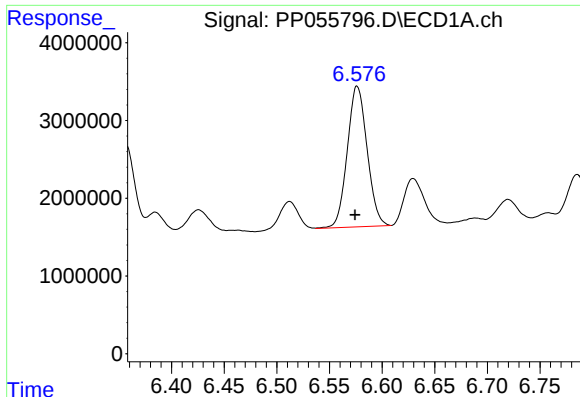
#26 AR-1254-1

R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 14275759
Conc: 194.17 ng/ml



#26 AR-1254-1

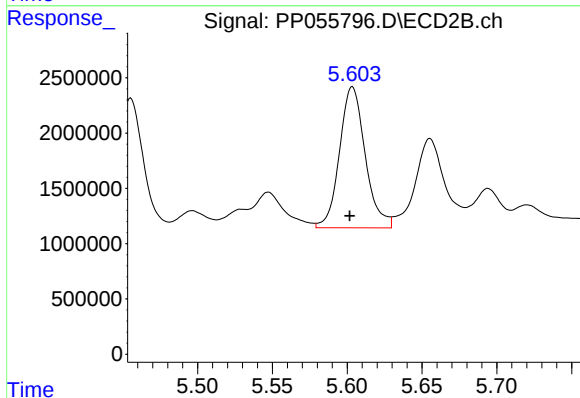
R.T.: 5.455 min
Delta R.T.: 0.001 min
Response: 13613463
Conc: 185.04 ng/ml



#27 AR-1254-2

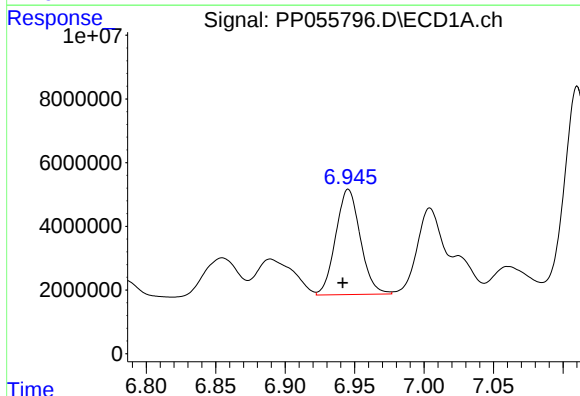
R.T.: 6.576 min
Delta R.T.: 0.002 min
Response: 23744662
Conc: 205.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



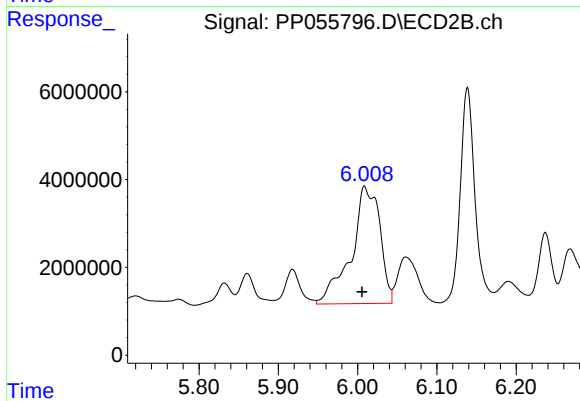
#27 AR-1254-2

R.T.: 5.603 min
Delta R.T.: 0.002 min
Response: 15255907
Conc: 242.48 ng/ml



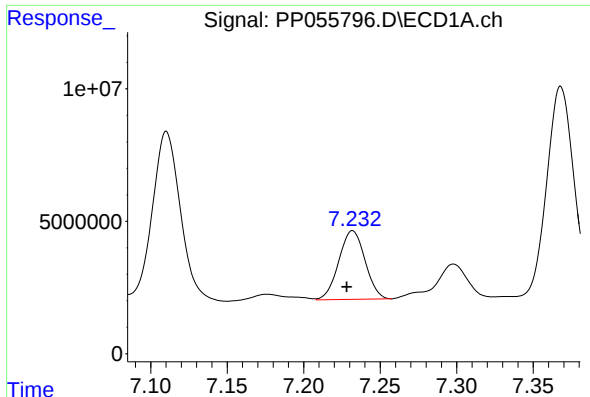
#28 AR-1254-3

R.T.: 6.945 min
Delta R.T.: 0.004 min
Response: 40918042
Conc: 332.48 ng/ml



#28 AR-1254-3

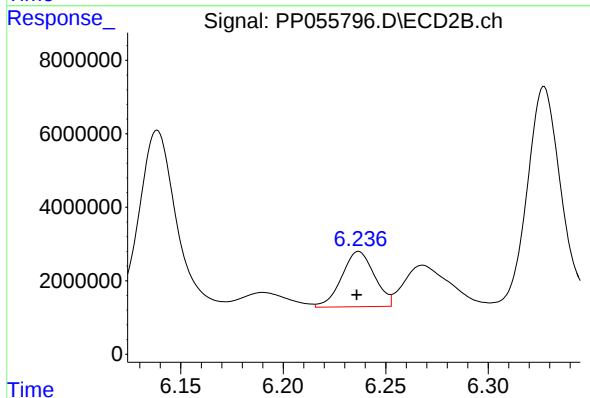
R.T.: 6.009 min
Delta R.T.: 0.003 min
Response: 67152604
Conc: 684.69 ng/ml



#29 AR-1254-4

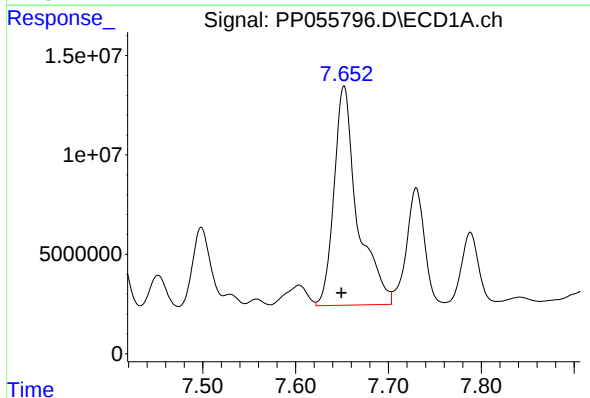
R.T.: 7.232 min
Delta R.T.: 0.004 min
Response: 31061772
Conc: 338.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



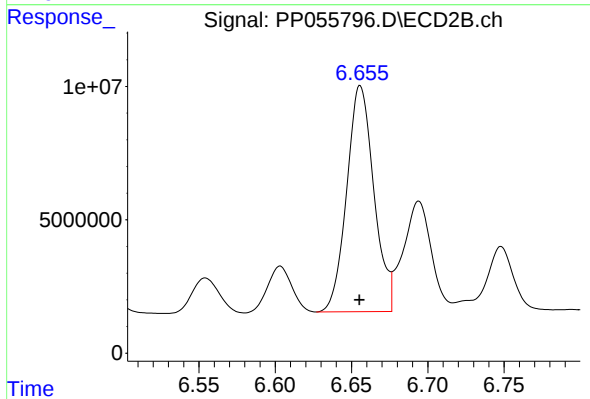
#29 AR-1254-4

R.T.: 6.237 min
Delta R.T.: 0.001 min
Response: 16711051
Conc: 303.58 ng/ml



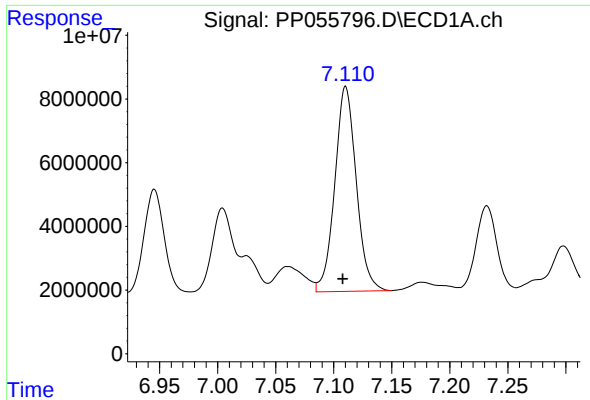
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 192642425
Conc: 1832.89 ng/ml



#30 AR-1254-5

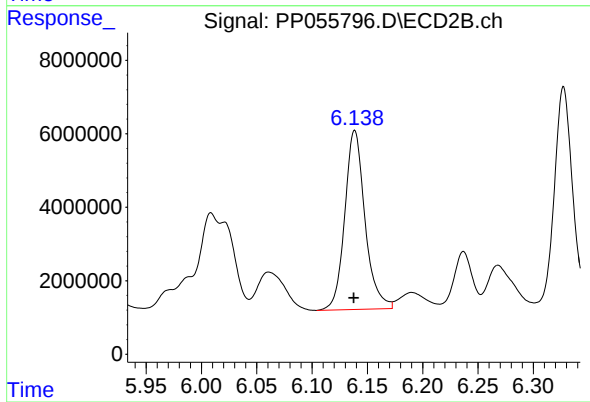
R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 105023037
Conc: 1292.61 ng/ml



#31 AR-1260-1

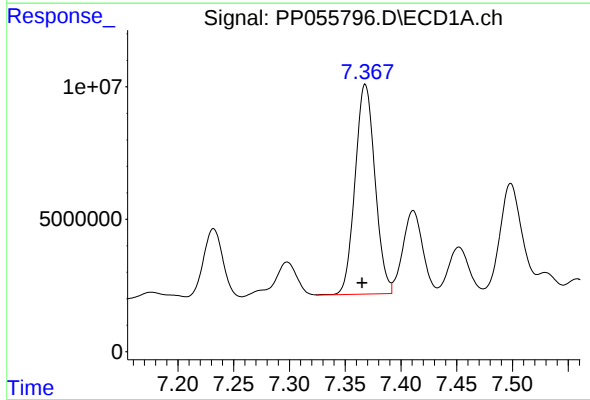
R.T.: 7.110 min
Delta R.T.: 0.003 min
Response: 82910667
Conc: 800.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



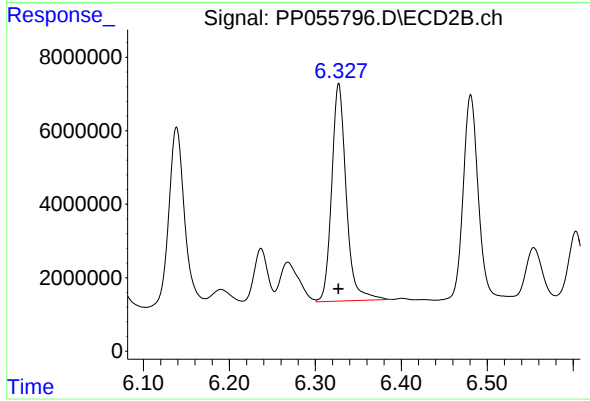
#31 AR-1260-1

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 62142332
Conc: 852.41 ng/ml



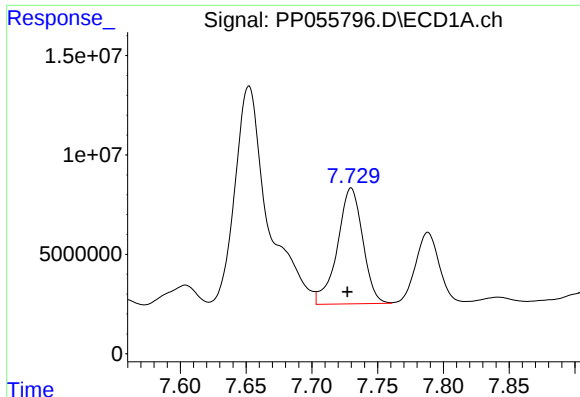
#32 AR-1260-2

R.T.: 7.368 min
Delta R.T.: 0.003 min
Response: 98383133
Conc: 782.24 ng/ml



#32 AR-1260-2

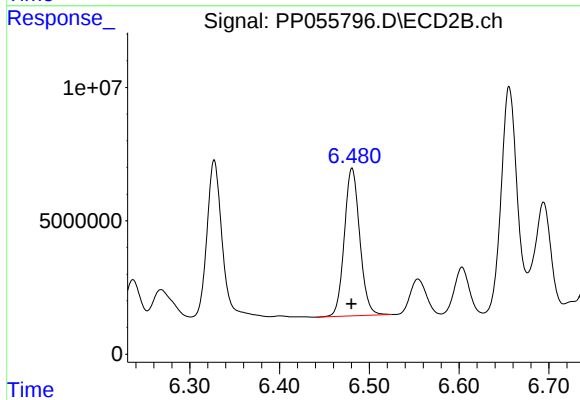
R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 69606947
Conc: 853.05 ng/ml



#33 AR-1260-3

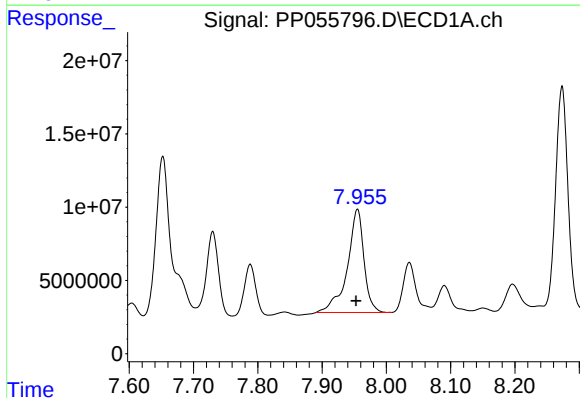
R.T.: 7.730 min
Delta R.T.: 0.003 min
Response: 78221458
Conc: 890.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



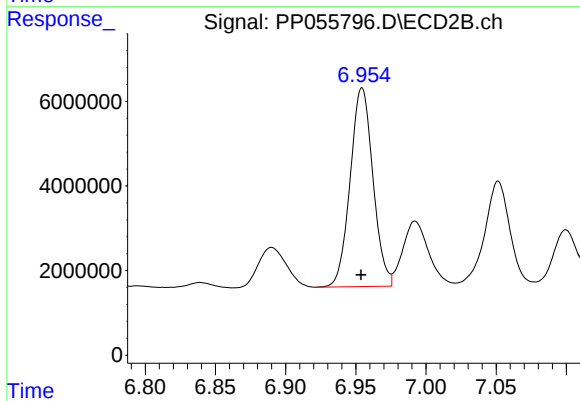
#33 AR-1260-3

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 66037816
Conc: 781.45 ng/ml



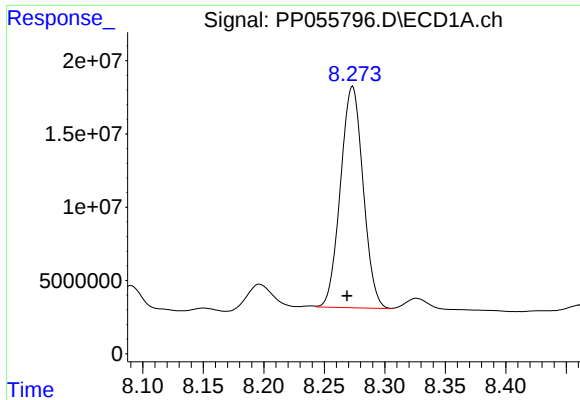
#34 AR-1260-4

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 126609544
Conc: 1178.04 ng/ml



#34 AR-1260-4

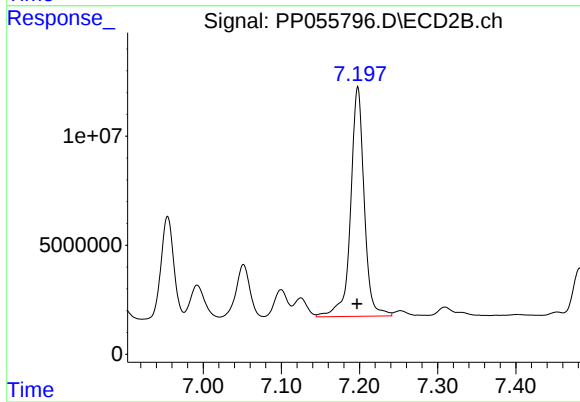
R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 53048989
Conc: 828.88 ng/ml



#35 AR-1260-5

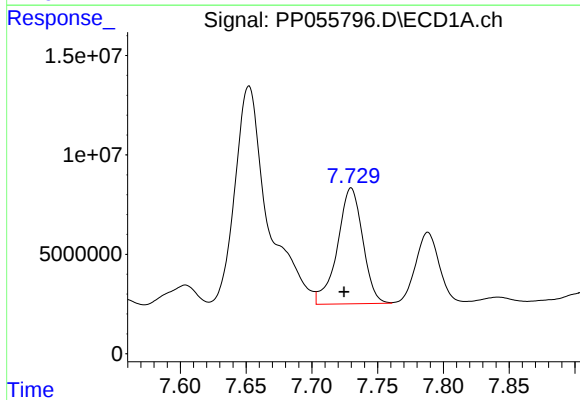
R.T.: 8.273 min
Delta R.T.: 0.005 min
Response: 196844431
Conc: 953.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



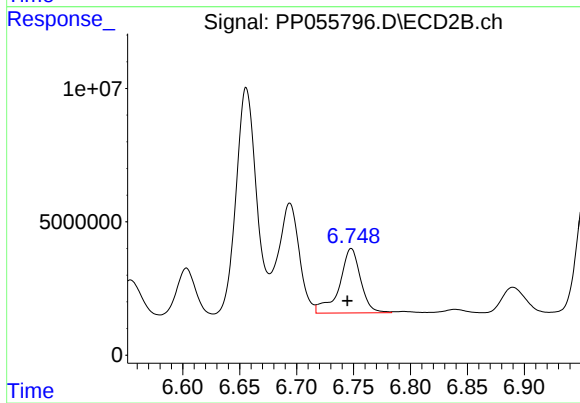
#35 AR-1260-5

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 127353350
Conc: 940.85 ng/ml



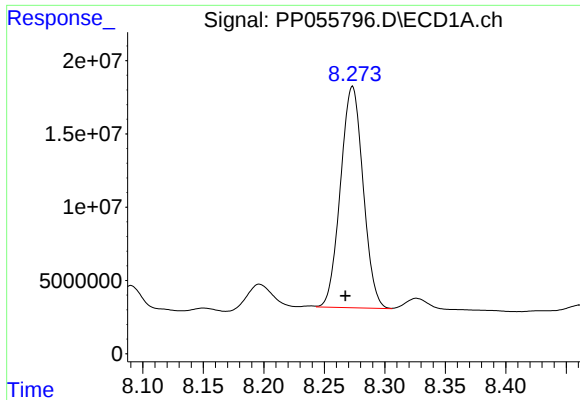
#36 AR-1262-1

R.T.: 7.730 min
Delta R.T.: 0.005 min
Response: 78221458
Conc: 663.00 ng/ml



#36 AR-1262-1

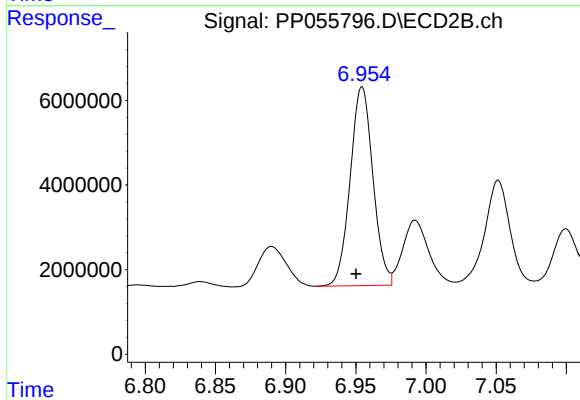
R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 31553897
Conc: 895.19 ng/ml



#37 AR-1262-2

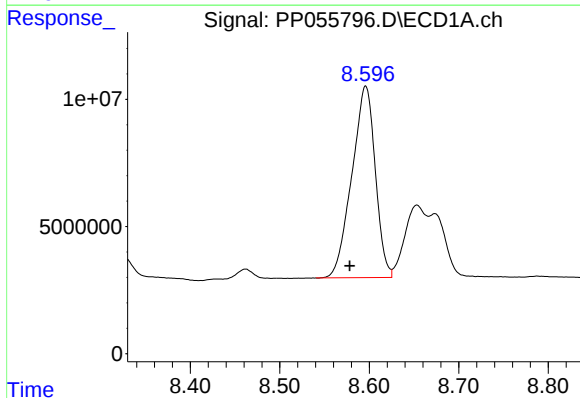
R.T.: 8.273 min
Delta R.T.: 0.006 min
Response: 196844431
Conc: 896.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



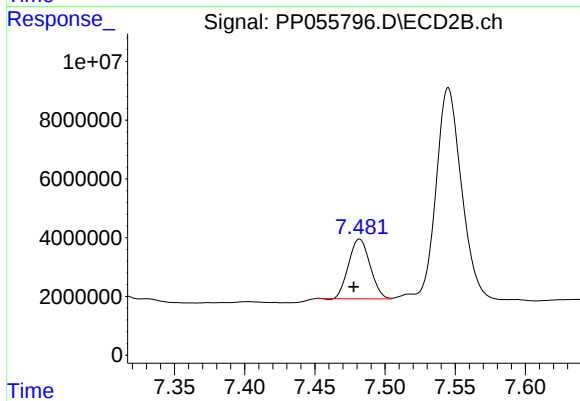
#37 AR-1262-2

R.T.: 6.954 min
Delta R.T.: 0.004 min
Response: 53048989
Conc: 714.43 ng/ml



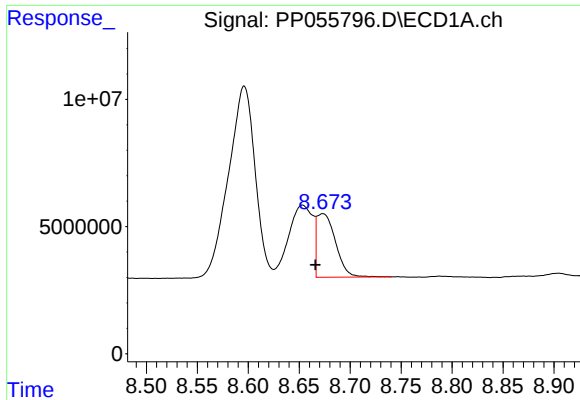
#38 AR-1262-3

R.T.: 8.596 min
Delta R.T.: 0.018 min
Response: 137120773
Conc: 896.93 ng/ml



#38 AR-1262-3

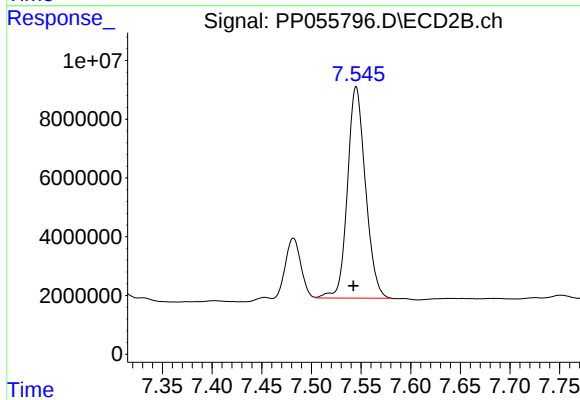
R.T.: 7.482 min
Delta R.T.: 0.004 min
Response: 21584661
Conc: 389.02 ng/ml



#39 AR-1262-4

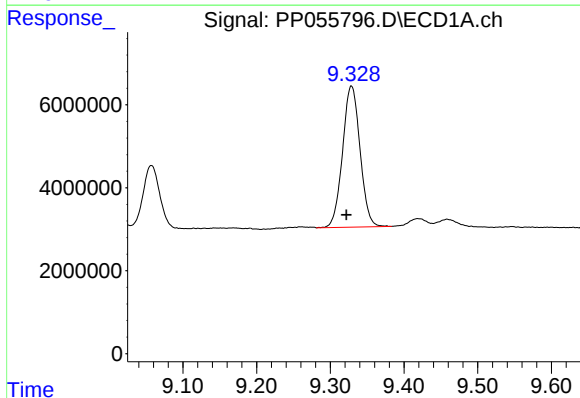
R.T.: 8.673 min
Delta R.T.: 0.007 min
Response: 31999298
Conc: 425.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



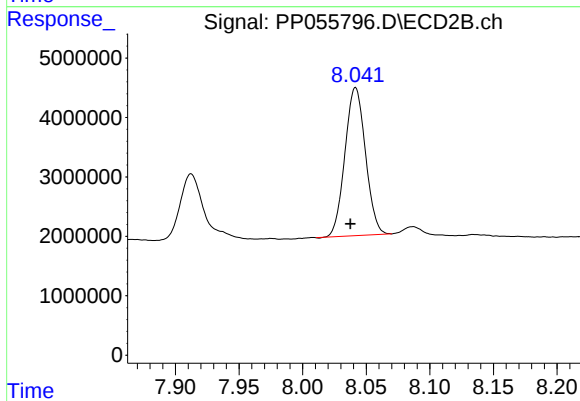
#39 AR-1262-4

R.T.: 7.545 min
Delta R.T.: 0.003 min
Response: 90907475
Conc: 895.50 ng/ml



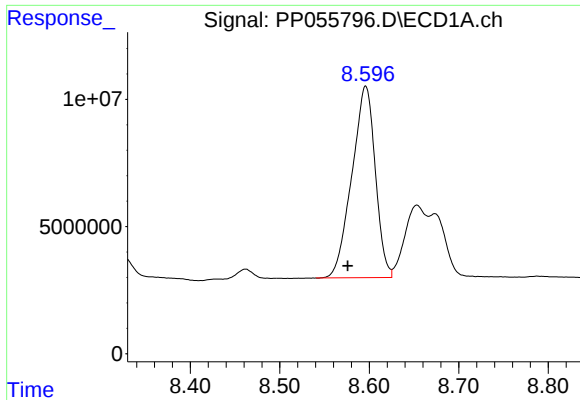
#40 AR-1262-5

R.T.: 9.329 min
Delta R.T.: 0.007 min
Response: 56023992
Conc: 679.52 ng/ml



#40 AR-1262-5

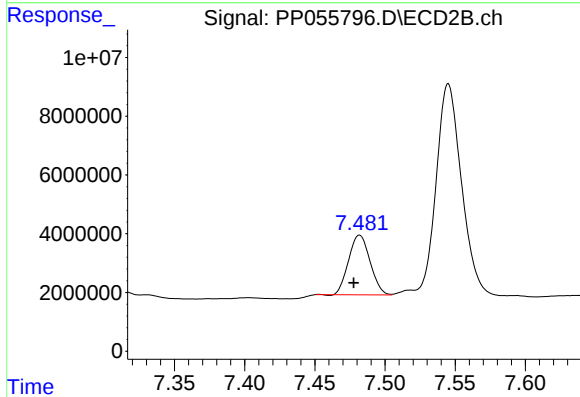
R.T.: 8.042 min
Delta R.T.: 0.004 min
Response: 28016611
Conc: 616.07 ng/ml



#41 AR-1268-1

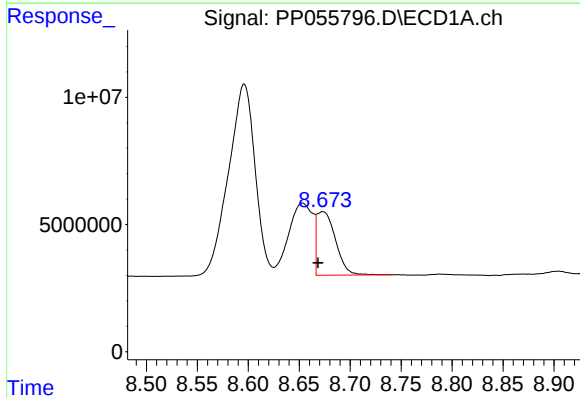
R.T.: 8.596 min
Delta R.T.: 0.020 min
Response: 137120773
Conc: 480.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



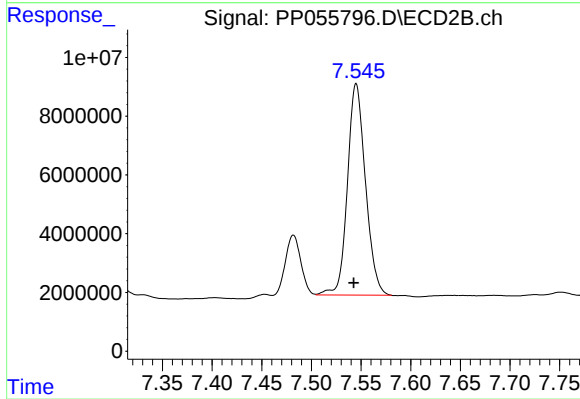
#41 AR-1268-1

R.T.: 7.482 min
Delta R.T.: 0.004 min
Response: 21584661
Conc: 128.38 ng/ml



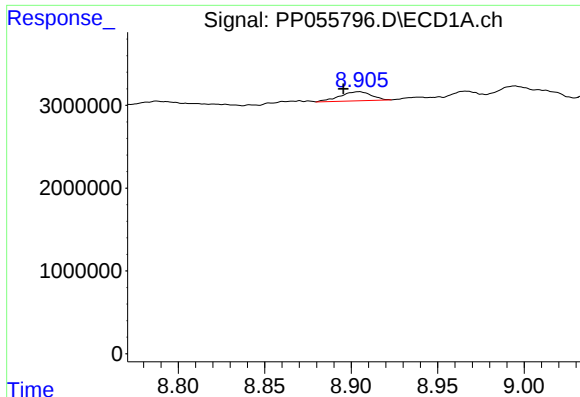
#42 AR-1268-2

R.T.: 8.673 min
Delta R.T.: 0.005 min
Response: 31999298
Conc: 120.01 ng/ml



#42 AR-1268-2

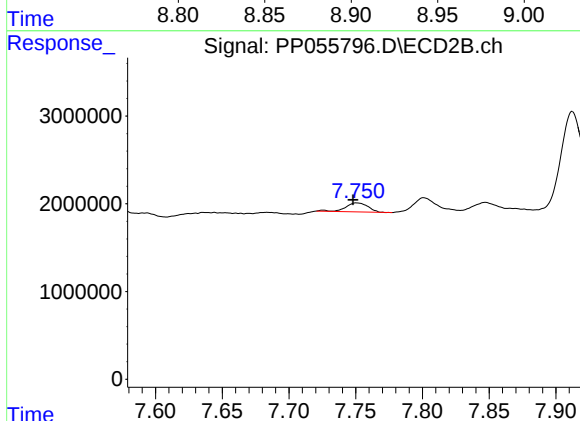
R.T.: 7.545 min
Delta R.T.: 0.002 min
Response: 90907475
Conc: 594.32 ng/ml



#43 AR-1268-3

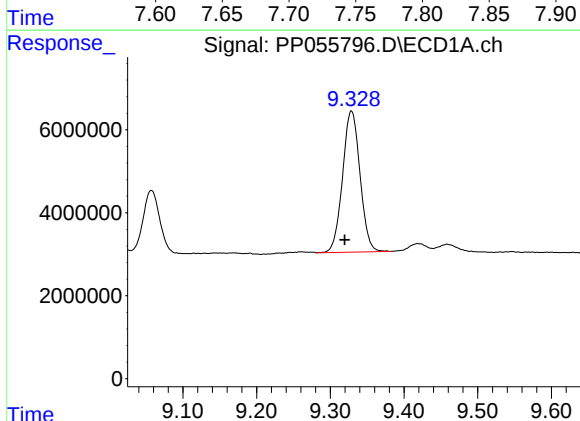
R.T.: 8.904 min
Delta R.T.: 0.009 min
Response: 1392634
Conc: 5.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



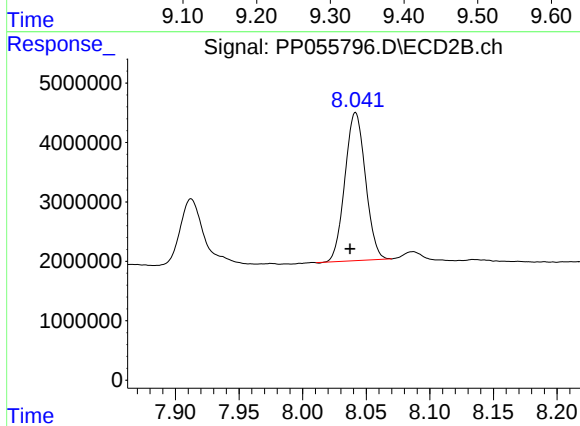
#43 AR-1268-3

R.T.: 7.751 min
Delta R.T.: 0.003 min
Response: 1192968
Conc: 8.69 ng/ml



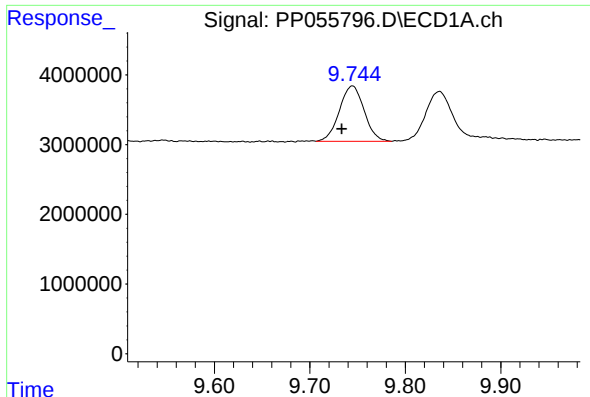
#44 AR-1268-4

R.T.: 9.329 min
Delta R.T.: 0.009 min
Response: 56023992
Conc: 567.45 ng/ml



#44 AR-1268-4

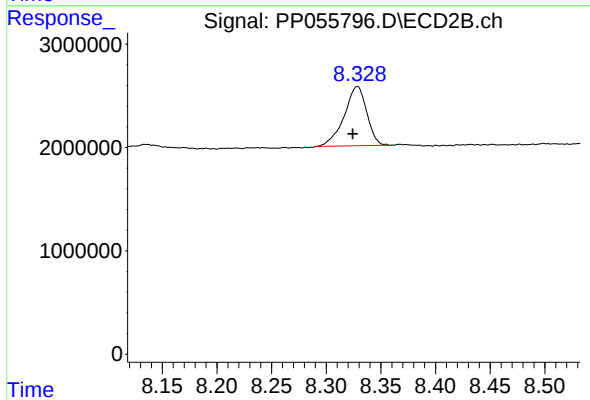
R.T.: 8.042 min
Delta R.T.: 0.004 min
Response: 28016611
Conc: 509.23 ng/ml



#45 AR-1268-5

R.T.: 9.745 min
Delta R.T.: 0.011 min
Response: 14299610
Conc: 18.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.329 min
Delta R.T.: 0.004 min
Response: 8267152
Conc: 20.50 ng/ml