

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020323\
 Data File : PP055318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2023 18:39
 Operator : YP\AJ
 Sample : 01413-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 00:07:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.327	3.573	24519485	20073957	14.102	13.372
2)	SA Decachlor...	10.082	8.586	34819020	27550016	20.107	20.399
Target Compounds							
3)	L1 AR-1016-1	5.498	4.659	36519617	21010695	543.365	424.510
4)	L1 AR-1016-2	5.521	4.677	45204807	30950432	471.722	447.137
5)	L1 AR-1016-3	5.583	4.852	23128866	21823101	386.664	586.696 #
6)	L1 AR-1016-4	5.681	4.896	15526735	18771129	324.027	597.383 #
7)	L1 AR-1016-5	5.976	5.107	17750302	14498544	350.283	354.622
8)	L2 AR-1221-1	4.529	3.786	1623896	4053532	69.058	204.446 #
9)	L2 AR-1221-2	4.623	3.873	1572790	6337941	88.523	427.593 #
10)	L2 AR-1221-3	4.698	3.947	10600036	25253839	196.991	559.773 #
11)	L3 AR-1232-1	4.698	3.947	10600036	25253839	238.832	685.139 #
12)	L3 AR-1232-2	5.232	4.677	6556486	30950432	289.920	968.941 #
13)	L3 AR-1232-3	5.521	4.852	45204807	21823101	1029.317	1309.048 #
14)	L3 AR-1232-4	5.681	4.936	15526735	26111842	701.481	1619.226 #
15)	L3 AR-1232-5	5.773	5.107	16563257	14498544	946.091	820.914
16)	L4 AR-1242-1	5.498	4.659	36519617	21010695	652.267	512.928
17)	L4 AR-1242-2	5.521	4.677	45204807	30950432	566.265	542.029
18)	L4 AR-1242-3	5.583	4.852	23128866	21823101	465.731	706.990 #
19)	L4 AR-1242-4	5.681	4.936	15526735	26111842	387.425	803.761 #
20)	L4 AR-1242-5	6.422	5.461	2277458	15582362	51.221	416.956 #
21)	L5 AR-1248-1	5.498	4.659	36519617	21010695	875.692	677.696
22)	L5 AR-1248-2	5.773	4.896	16563257	18771129	260.534	410.500 #
23)	L5 AR-1248-3	5.976	4.936	17750302	26111842	256.663	547.725 #
24)	L5 AR-1248-4	6.382	5.107	2590308	14498544	34.158	262.526 #
25)	L5 AR-1248-5	6.422	5.500	2277458	4435957	30.863	90.215 #
26)	L6 AR-1254-1	6.357	5.461	12243863	15582362	155.197	192.951
27)	L6 AR-1254-2	6.576	5.608	13850710	12754027	114.447	178.222 #
28)	L6 AR-1254-3	6.945	6.028	7552771	22191709	61.660	199.194 #
29)	L6 AR-1254-4	7.231	6.242	5299751	2610289	60.148	42.439 #
30)	L6 AR-1254-5	7.651	6.660	48524089	42053801	479.673	443.587
31)	L7 AR-1260-1	7.110	6.143	32397458	31446302	339.858	405.526
32)	L7 AR-1260-2	7.368	6.332	41315500	38524947	367.098	428.540
33)	L7 AR-1260-3	7.729	6.485	27742410	34118592	344.545	401.818
34)	L7 AR-1260-4	7.955	6.959	32491974	25171147	334.704	351.539
35)	L7 AR-1260-5	8.272	7.202	64045288	61642336	360.107	400.961
36)	L8 AR-1262-1	7.729	6.753	27742410	15233199	235.140	354.578 #
37)	L8 AR-1262-2	8.272	6.959	64045288	25171147	317.979	271.759
38)	L8 AR-1262-3	8.594	7.486	41925115	13434738	301.465	184.391 #
39)	L8 AR-1262-4	8.670	7.550	10478901	45507354	136.300	347.970 #
40)	L8 AR-1262-5	9.327	8.047	16621964	12573207	232.411	211.928
41)	L9 AR-1268-1	8.594	7.486	41925115	13434738	171.538	62.133 #

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 ALS Vial : 19 Sample Multiplier: 1

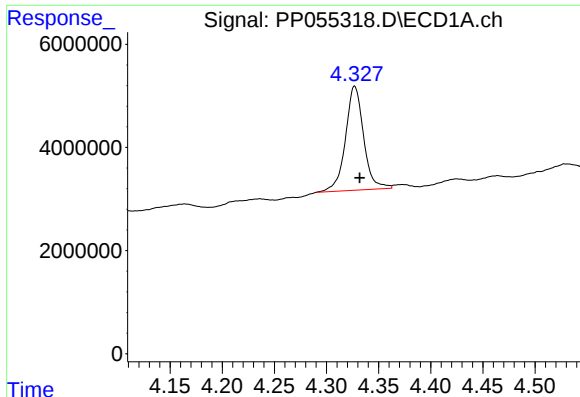
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 00:07:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
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 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	8.670	7.550	10478901	45507354	46.137	233.211 #
43) L9	AR-1268-3	8.901	7.758	1391280	1123304	6.964	6.540
44) L9	AR-1268-4	9.327	8.047	16621964	12573207	211.620	197.127
45) L9	AR-1268-5	9.743	8.335	6338273	5323633	9.964	10.109

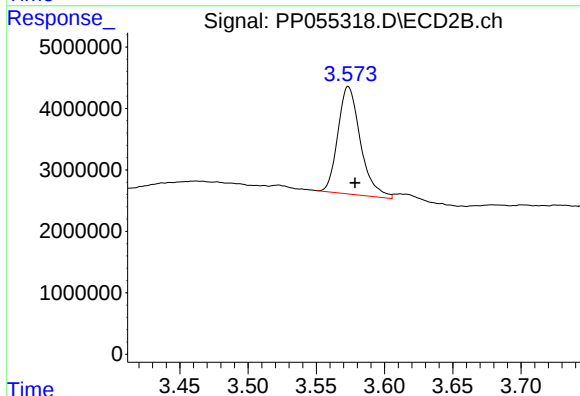
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

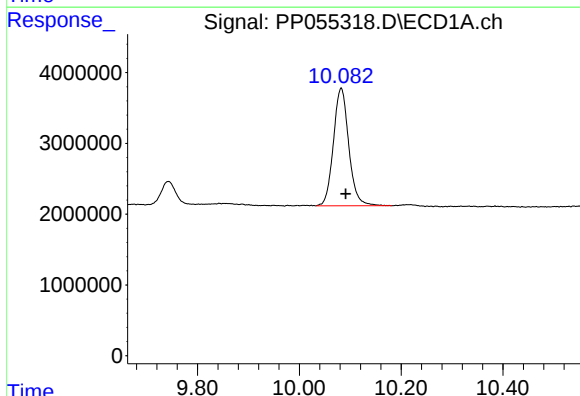
R.T.: 4.327 min
Delta R.T.: -0.005 min
Response: 24519485
Conc: 14.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



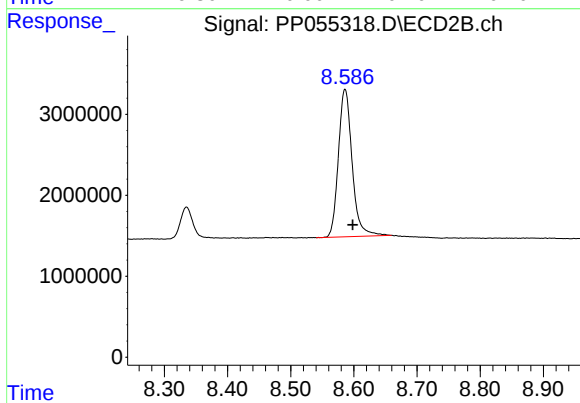
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: -0.005 min
Response: 20073957
Conc: 13.37 ng/ml



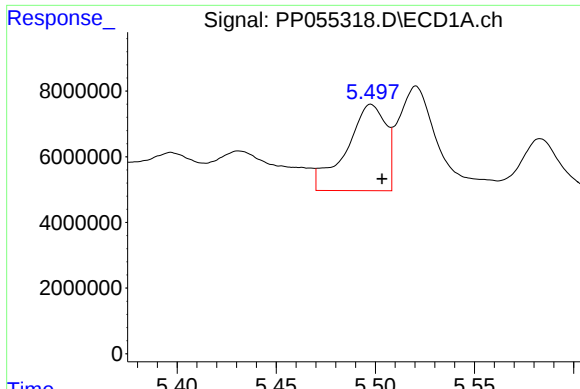
#2 Decachlorobiphenyl

R.T.: 10.082 min
Delta R.T.: -0.009 min
Response: 34819020
Conc: 20.11 ng/ml



#2 Decachlorobiphenyl

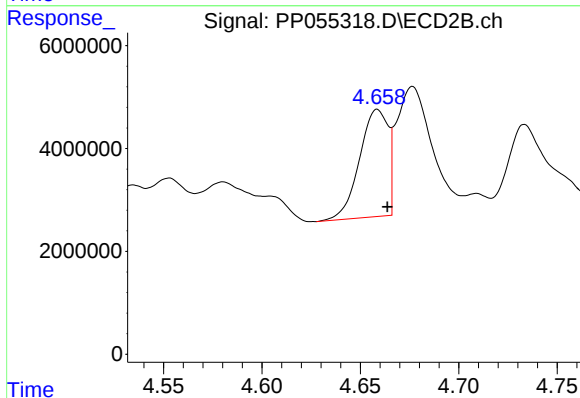
R.T.: 8.586 min
Delta R.T.: -0.012 min
Response: 27550016
Conc: 20.40 ng/ml



#3 AR-1016-1

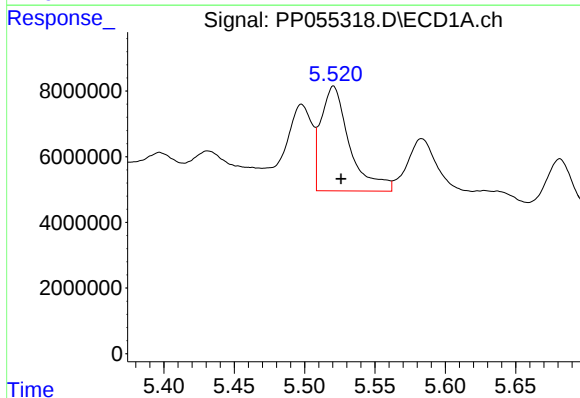
R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 36519617
Conc: 543.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



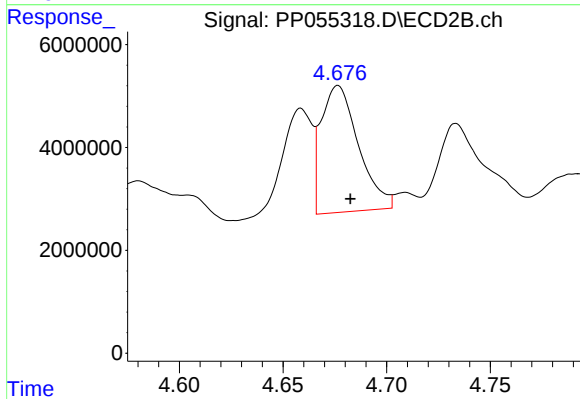
#3 AR-1016-1

R.T.: 4.659 min
Delta R.T.: -0.005 min
Response: 21010695
Conc: 424.51 ng/ml



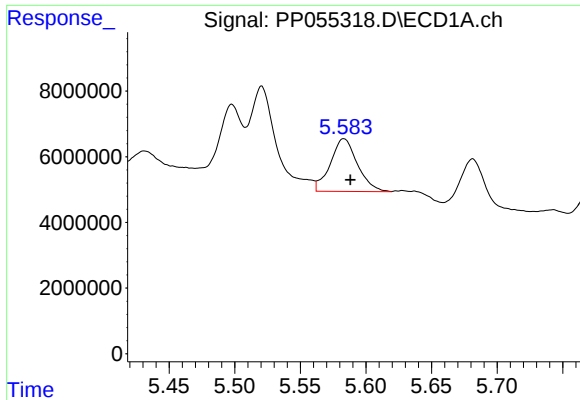
#4 AR-1016-2

R.T.: 5.521 min
Delta R.T.: -0.006 min
Response: 45204807
Conc: 471.72 ng/ml



#4 AR-1016-2

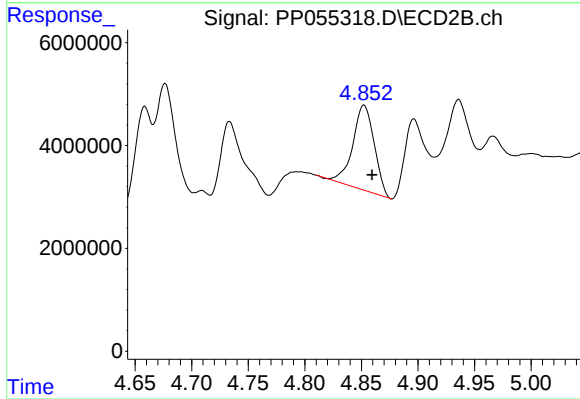
R.T.: 4.677 min
Delta R.T.: -0.006 min
Response: 30950432
Conc: 447.14 ng/ml



#5 AR-1016-3

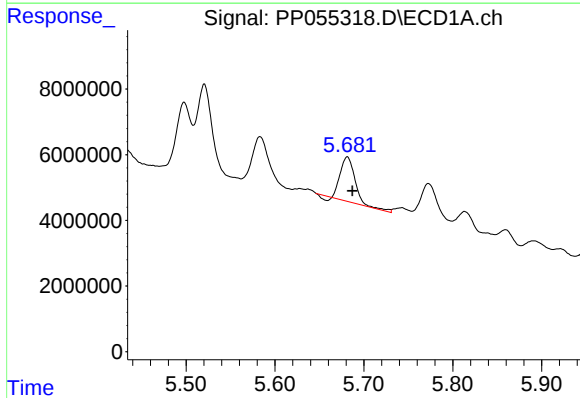
R.T.: 5.583 min
Delta R.T.: -0.005 min
Response: 23128866
Conc: 386.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



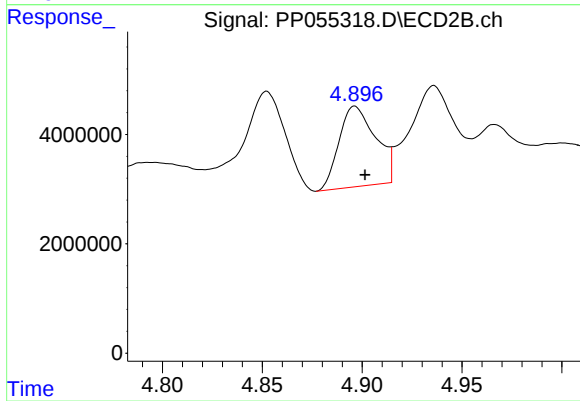
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 21823101
Conc: 586.70 ng/ml



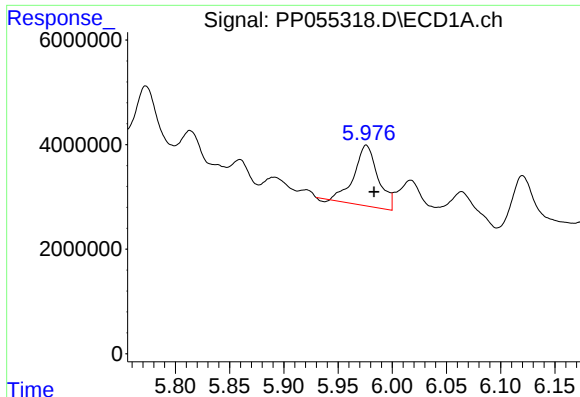
#6 AR-1016-4

R.T.: 5.681 min
Delta R.T.: -0.006 min
Response: 15526735
Conc: 324.03 ng/ml



#6 AR-1016-4

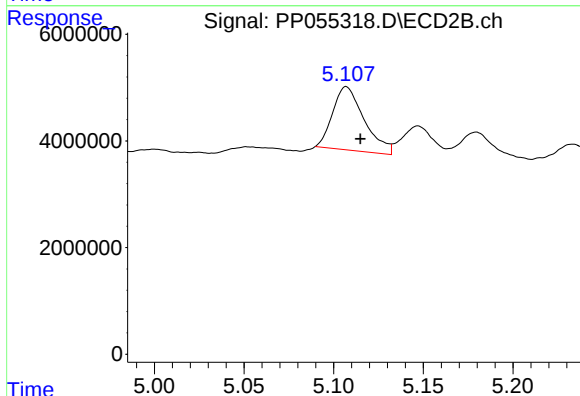
R.T.: 4.896 min
Delta R.T.: -0.005 min
Response: 18771129
Conc: 597.38 ng/ml



#7 AR-1016-5

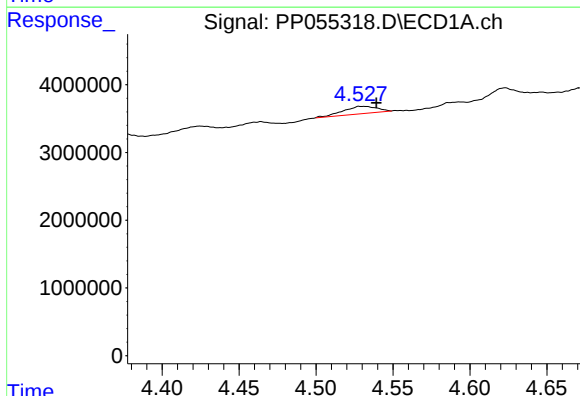
R.T.: 5.976 min
Delta R.T.: -0.007 min
Response: 17750302
Conc: 350.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



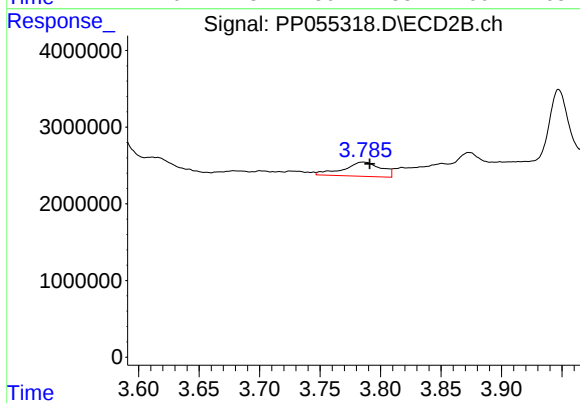
#7 AR-1016-5

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 14498544
Conc: 354.62 ng/ml



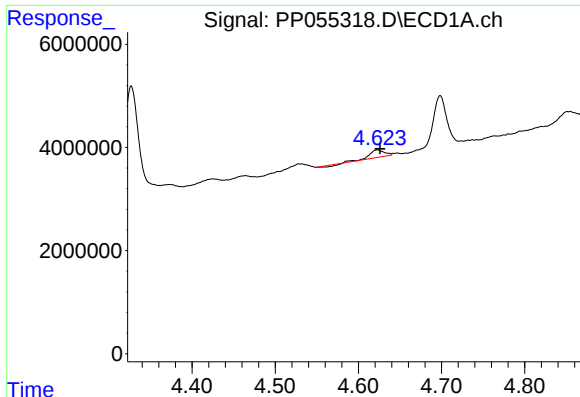
#8 AR-1221-1

R.T.: 4.529 min
Delta R.T.: -0.010 min
Response: 1623896
Conc: 69.06 ng/ml



#8 AR-1221-1

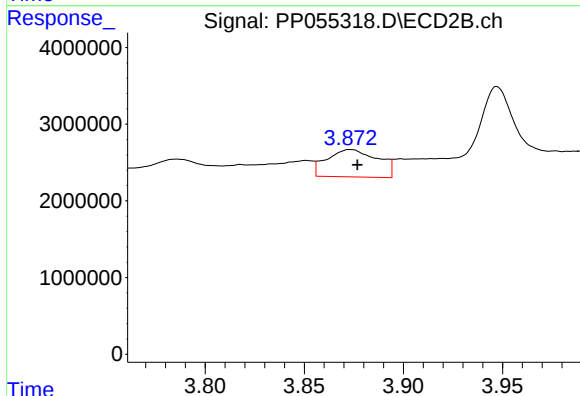
R.T.: 3.786 min
Delta R.T.: -0.006 min
Response: 4053532
Conc: 204.45 ng/ml



#9 AR-1221-2

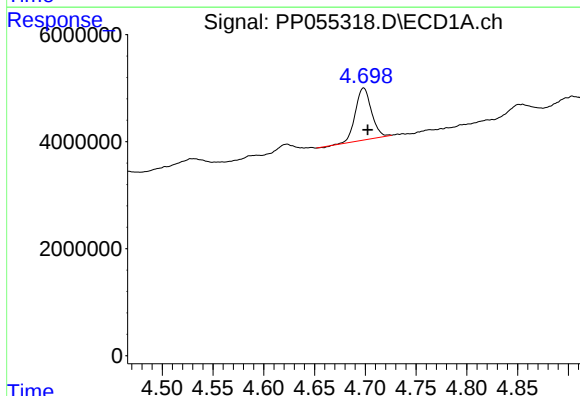
R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 1572790
Conc: 88.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



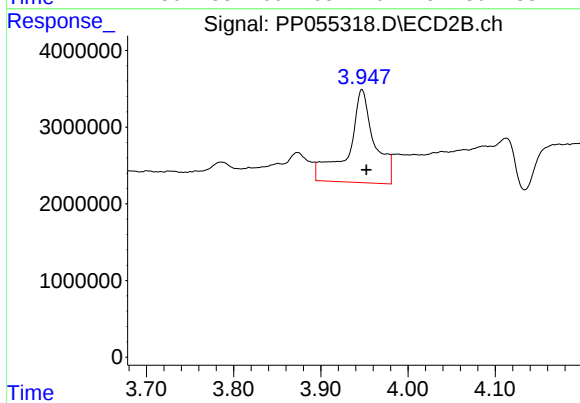
#9 AR-1221-2

R.T.: 3.873 min
Delta R.T.: -0.003 min
Response: 6337941
Conc: 427.59 ng/ml



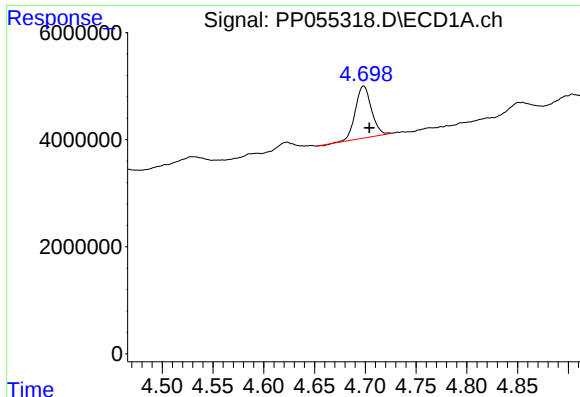
#10 AR-1221-3

R.T.: 4.698 min
Delta R.T.: -0.004 min
Response: 10600036
Conc: 196.99 ng/ml



#10 AR-1221-3

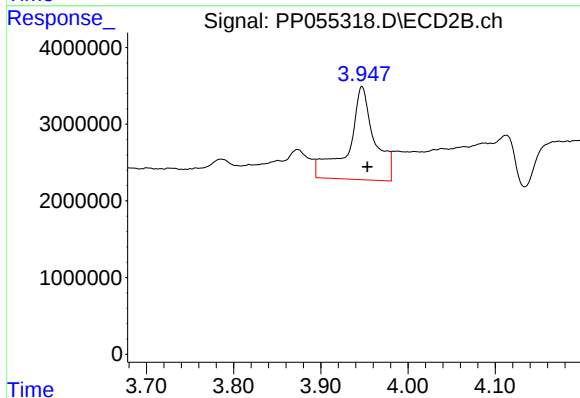
R.T.: 3.947 min
Delta R.T.: -0.005 min
Response: 25253839
Conc: 559.77 ng/ml



#11 AR-1232-1

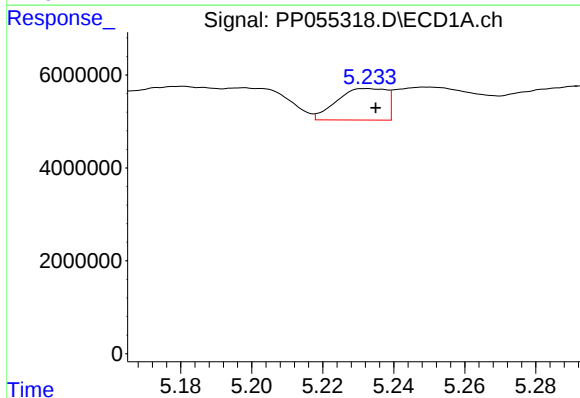
R.T.: 4.698 min
Delta R.T.: -0.005 min
Response: 10600036
Conc: 238.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



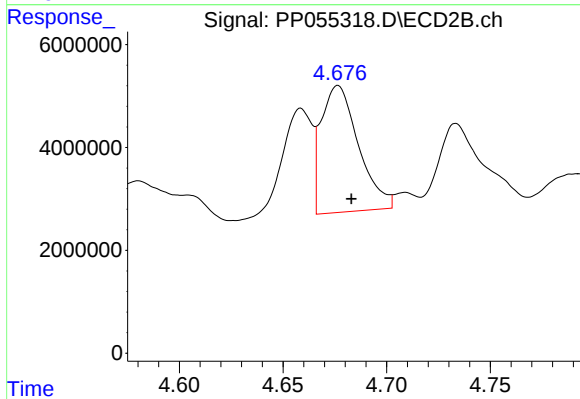
#11 AR-1232-1

R.T.: 3.947 min
Delta R.T.: -0.006 min
Response: 25253839
Conc: 685.14 ng/ml



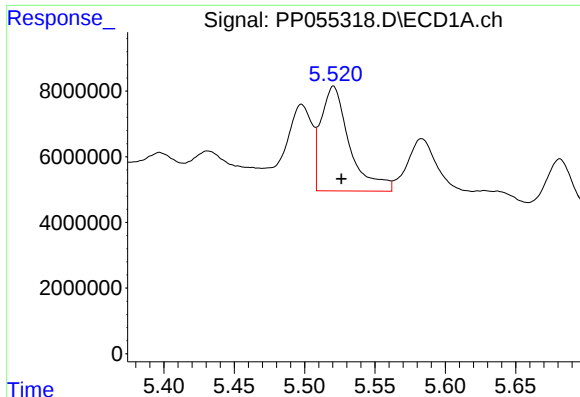
#12 AR-1232-2

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 6556486
Conc: 289.92 ng/ml



#12 AR-1232-2

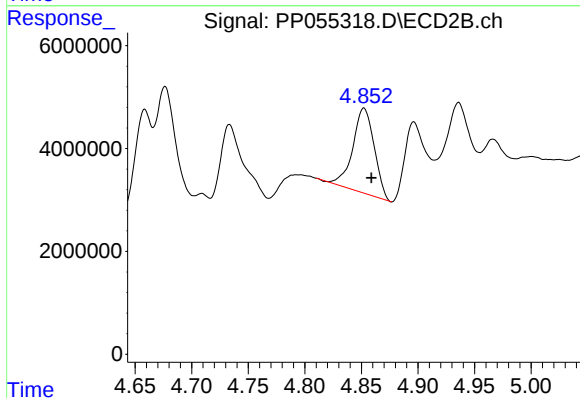
R.T.: 4.677 min
Delta R.T.: -0.006 min
Response: 30950432
Conc: 968.94 ng/ml



#13 AR-1232-3

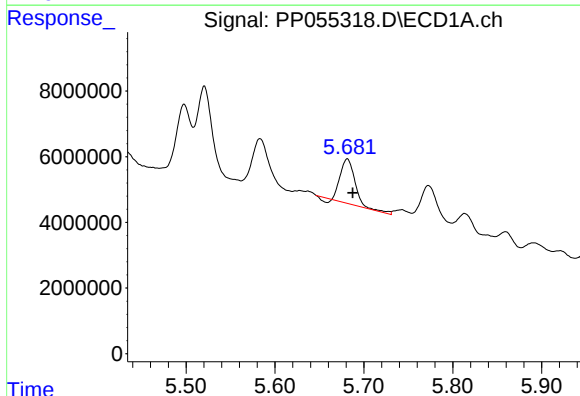
R.T.: 5.521 min
Delta R.T.: -0.006 min
Response: 45204807
Conc: 1029.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



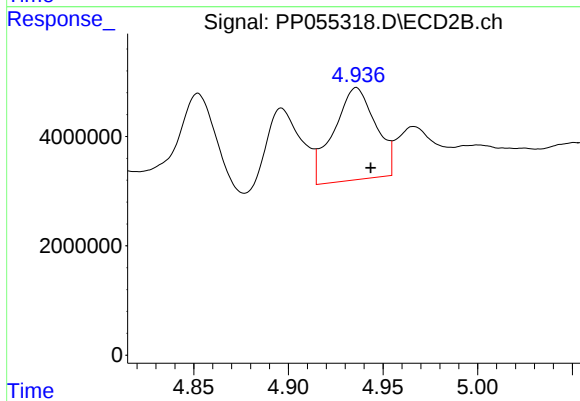
#13 AR-1232-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 21823101
Conc: 1309.05 ng/ml



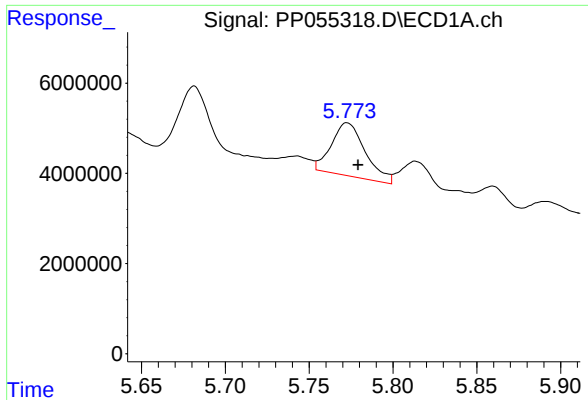
#14 AR-1232-4

R.T.: 5.681 min
Delta R.T.: -0.006 min
Response: 15526735
Conc: 701.48 ng/ml



#14 AR-1232-4

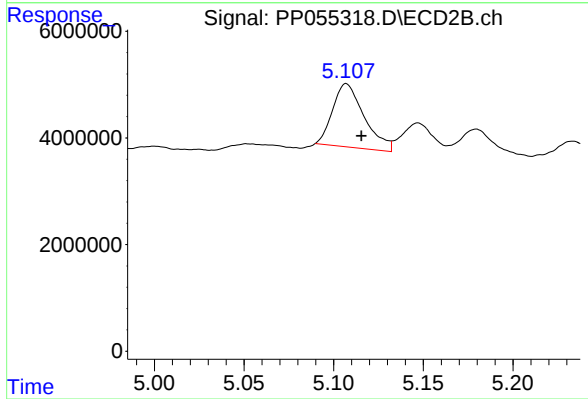
R.T.: 4.936 min
Delta R.T.: -0.008 min
Response: 26111842
Conc: 1619.23 ng/ml



#15 AR-1232-5

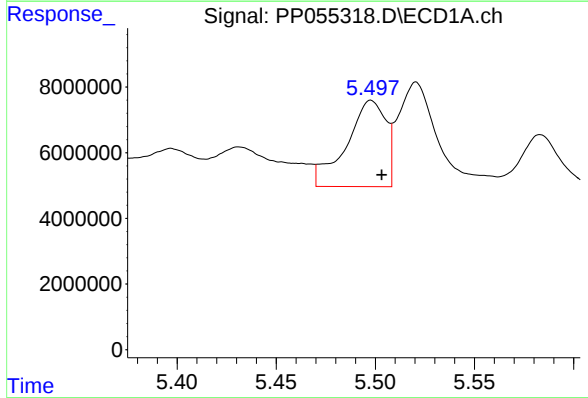
R.T.: 5.773 min
Delta R.T.: -0.007 min
Response: 16563257
Conc: 946.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



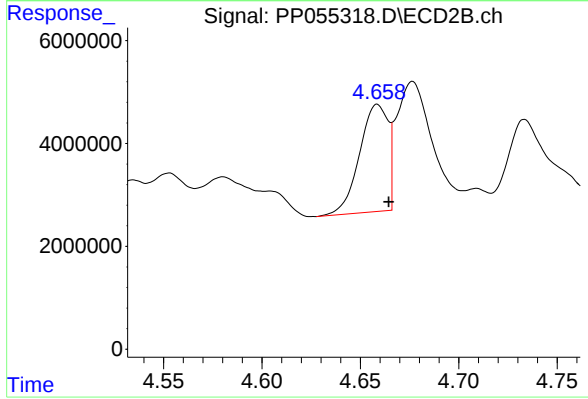
#15 AR-1232-5

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 14498544
Conc: 820.91 ng/ml



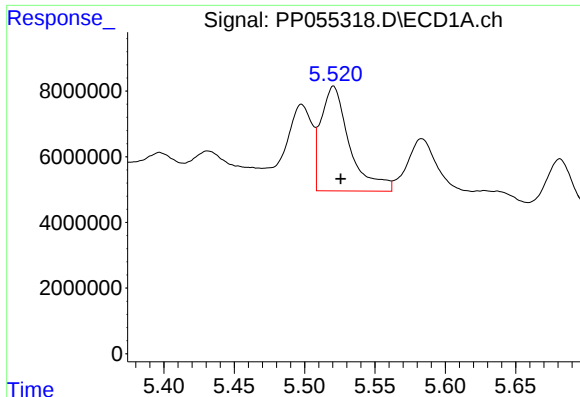
#16 AR-1242-1

R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 36519617
Conc: 652.27 ng/ml



#16 AR-1242-1

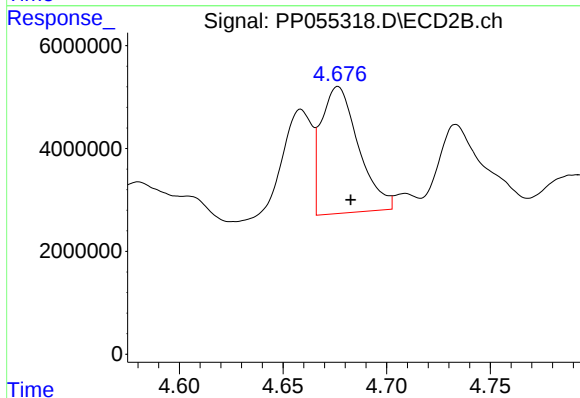
R.T.: 4.659 min
Delta R.T.: -0.006 min
Response: 21010695
Conc: 512.93 ng/ml



#17 AR-1242-2

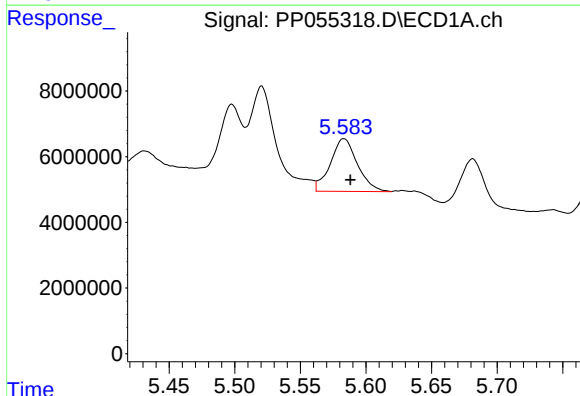
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 45204807
Conc: 566.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



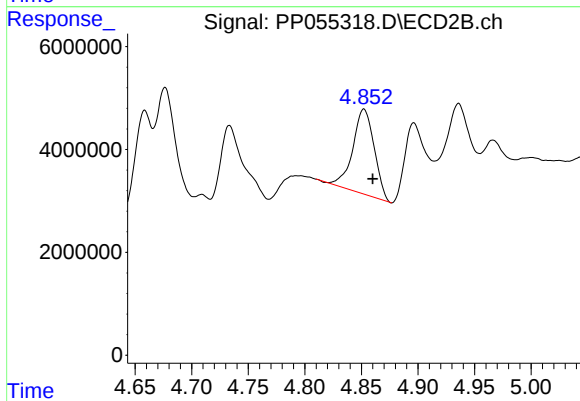
#17 AR-1242-2

R.T.: 4.677 min
Delta R.T.: -0.006 min
Response: 30950432
Conc: 542.03 ng/ml



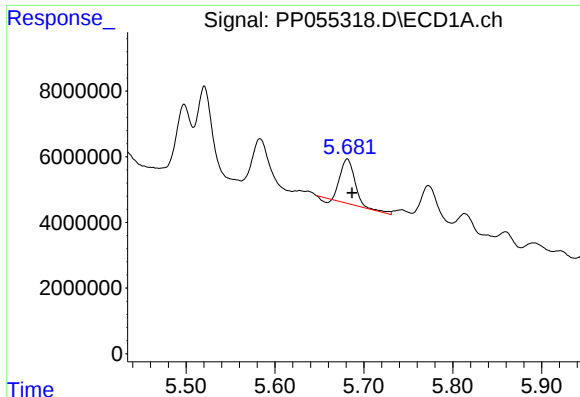
#18 AR-1242-3

R.T.: 5.583 min
Delta R.T.: -0.005 min
Response: 23128866
Conc: 465.73 ng/ml



#18 AR-1242-3

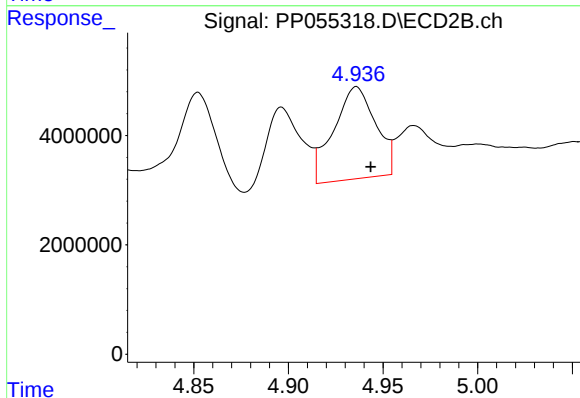
R.T.: 4.852 min
Delta R.T.: -0.008 min
Response: 21823101
Conc: 706.99 ng/ml



#19 AR-1242-4

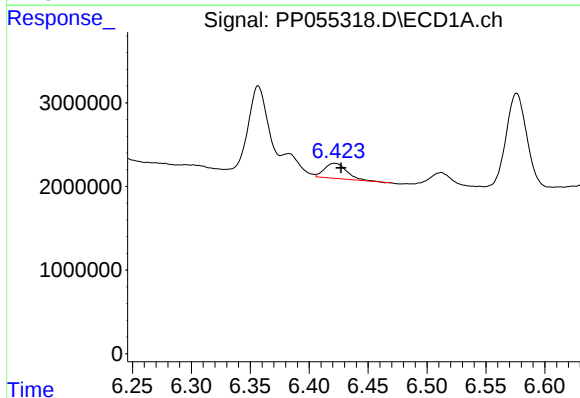
R.T.: 5.681 min
Delta R.T.: -0.005 min
Response: 15526735
Conc: 387.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



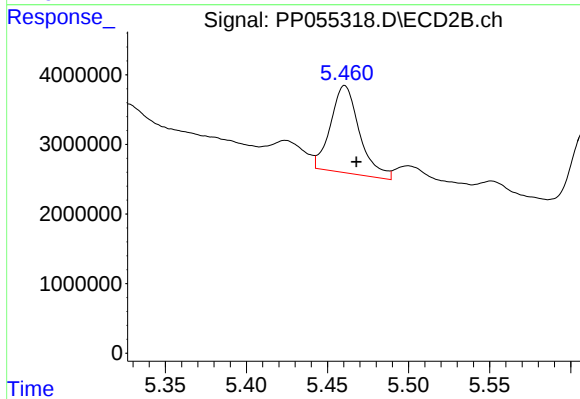
#19 AR-1242-4

R.T.: 4.936 min
Delta R.T.: -0.008 min
Response: 26111842
Conc: 803.76 ng/ml



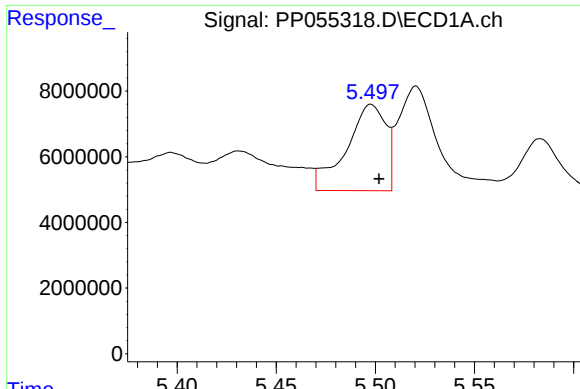
#20 AR-1242-5

R.T.: 6.422 min
Delta R.T.: -0.005 min
Response: 2277458
Conc: 51.22 ng/ml



#20 AR-1242-5

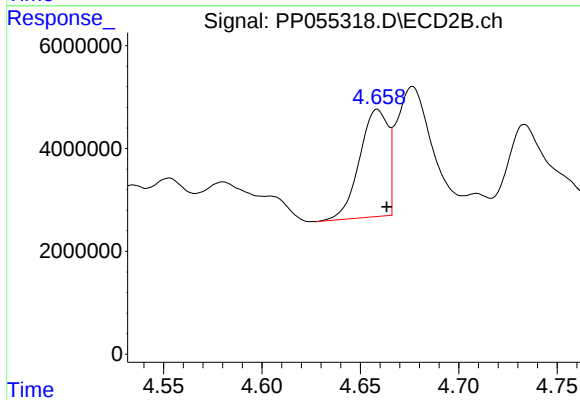
R.T.: 5.461 min
Delta R.T.: -0.007 min
Response: 15582362
Conc: 416.96 ng/ml



#21 AR-1248-1

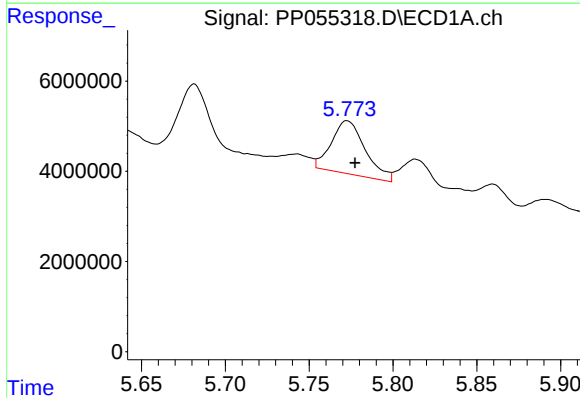
R.T.: 5.498 min
Delta R.T.: -0.004 min
Response: 36519617
Conc: 875.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



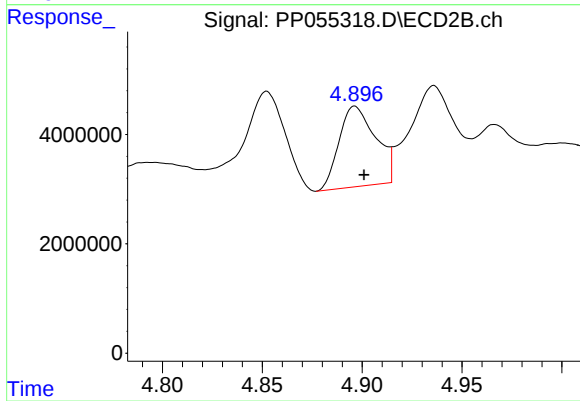
#21 AR-1248-1

R.T.: 4.659 min
Delta R.T.: -0.005 min
Response: 21010695
Conc: 677.70 ng/ml



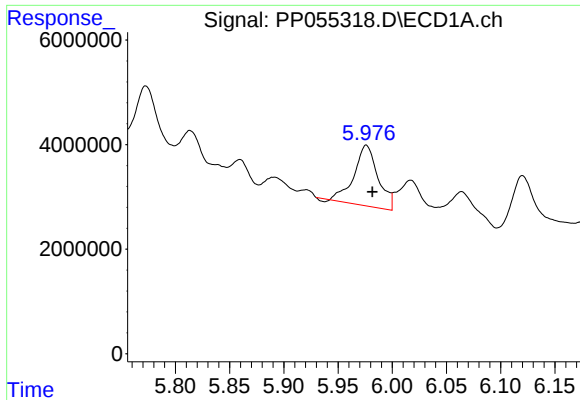
#22 AR-1248-2

R.T.: 5.773 min
Delta R.T.: -0.005 min
Response: 16563257
Conc: 260.53 ng/ml



#22 AR-1248-2

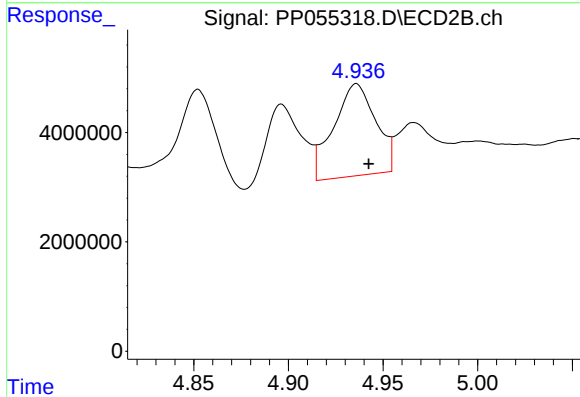
R.T.: 4.896 min
Delta R.T.: -0.005 min
Response: 18771129
Conc: 410.50 ng/ml



#23 AR-1248-3

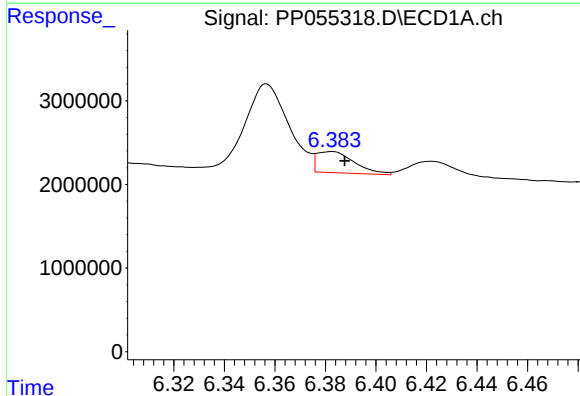
R.T.: 5.976 min
Delta R.T.: -0.006 min
Response: 17750302
Conc: 256.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



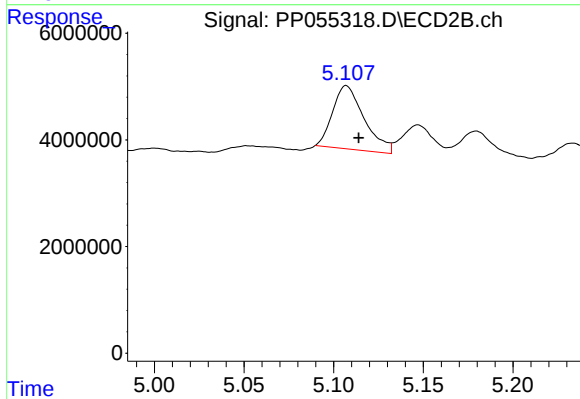
#23 AR-1248-3

R.T.: 4.936 min
Delta R.T.: -0.006 min
Response: 26111842
Conc: 547.73 ng/ml



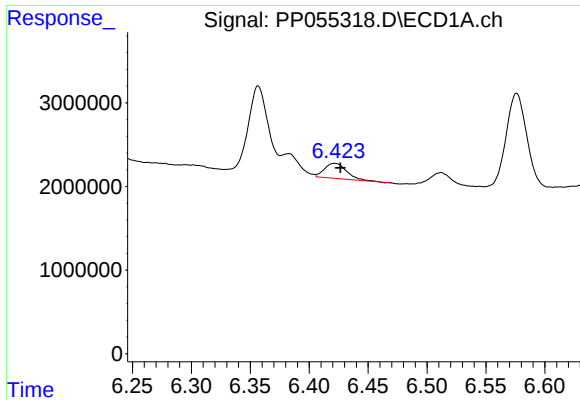
#24 AR-1248-4

R.T.: 6.382 min
Delta R.T.: -0.005 min
Response: 2590308
Conc: 34.16 ng/ml



#24 AR-1248-4

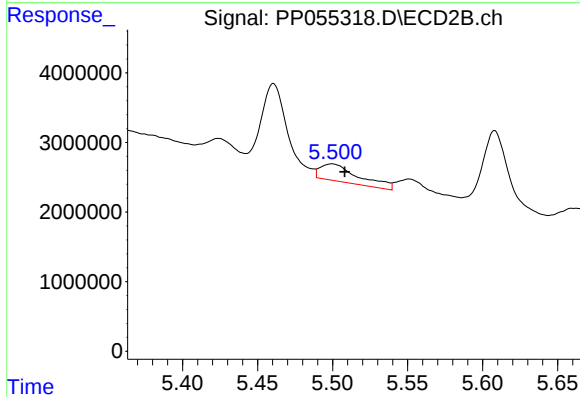
R.T.: 5.107 min
Delta R.T.: -0.007 min
Response: 14498544
Conc: 262.53 ng/ml



#25 AR-1248-5

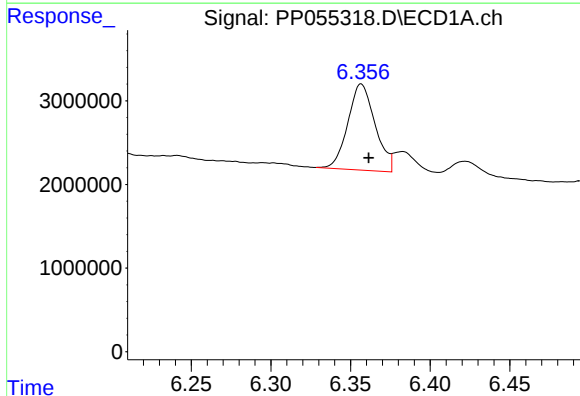
R.T.: 6.422 min
Delta R.T.: -0.005 min
Response: 2277458
Conc: 30.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



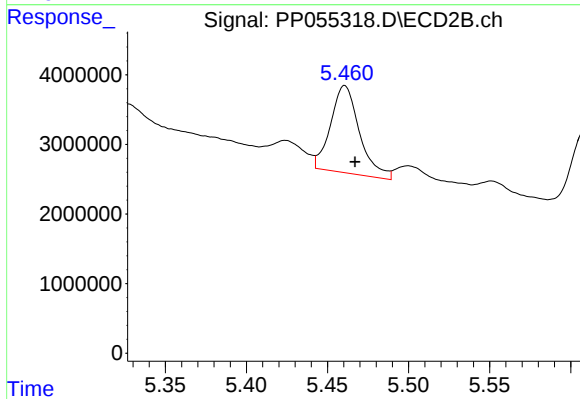
#25 AR-1248-5

R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 4435957
Conc: 90.22 ng/ml



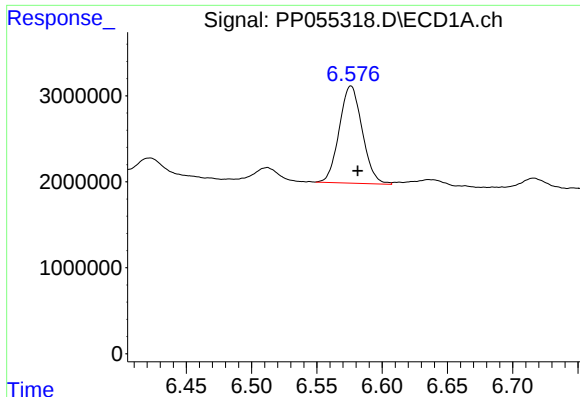
#26 AR-1254-1

R.T.: 6.357 min
Delta R.T.: -0.005 min
Response: 12243863
Conc: 155.20 ng/ml



#26 AR-1254-1

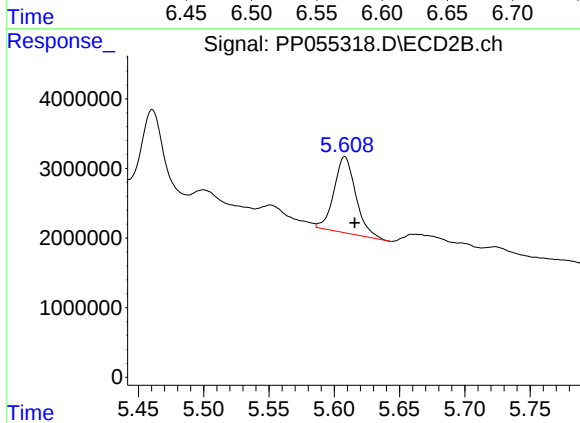
R.T.: 5.461 min
Delta R.T.: -0.006 min
Response: 15582362
Conc: 192.95 ng/ml



#27 AR-1254-2

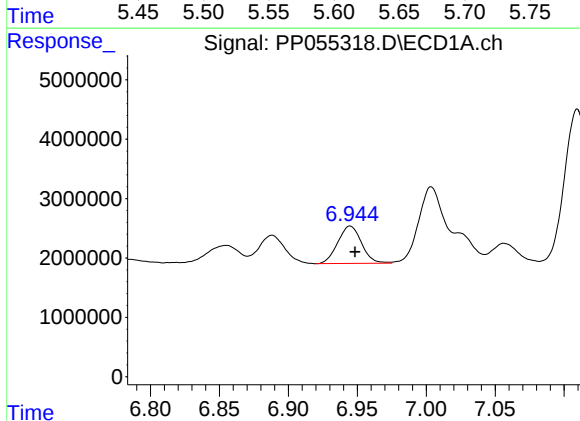
R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 13850710
Conc: 114.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



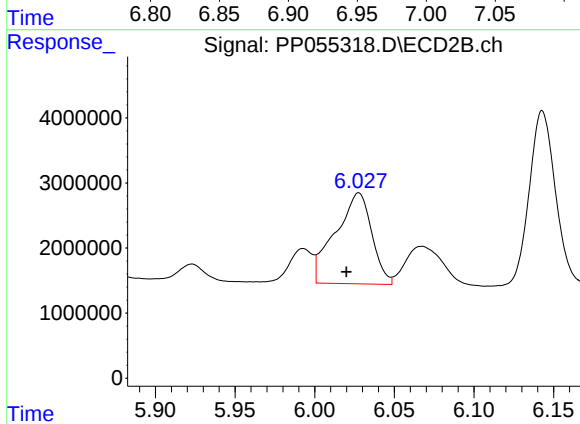
#27 AR-1254-2

R.T.: 5.608 min
Delta R.T.: -0.008 min
Response: 12754027
Conc: 178.22 ng/ml



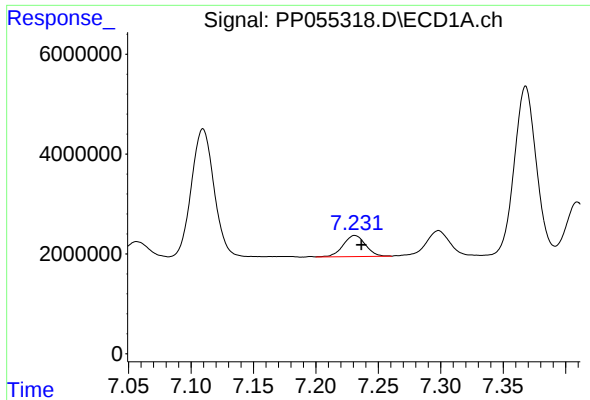
#28 AR-1254-3

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 7552771
Conc: 61.66 ng/ml



#28 AR-1254-3

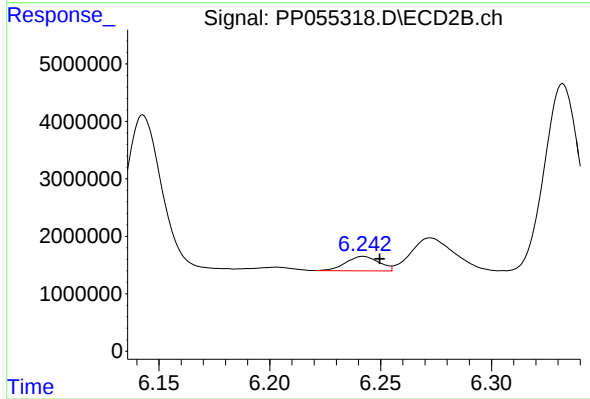
R.T.: 6.028 min
Delta R.T.: 0.008 min
Response: 22191709
Conc: 199.19 ng/ml



#29 AR-1254-4

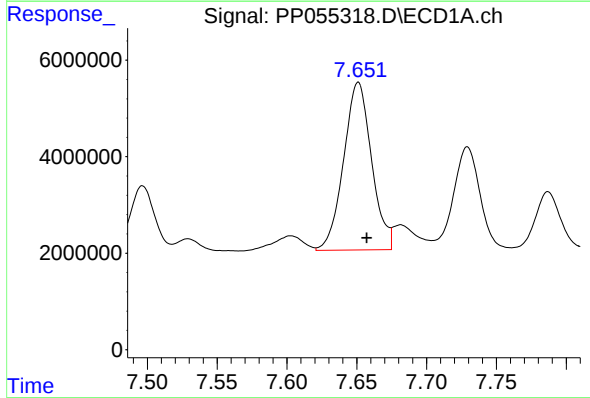
R.T.: 7.231 min
Delta R.T.: -0.005 min
Response: 5299751
Conc: 60.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



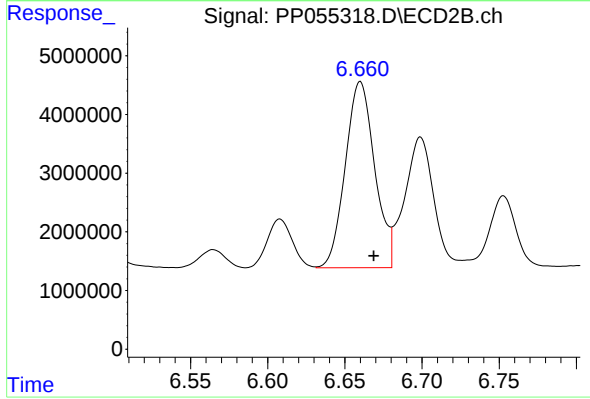
#29 AR-1254-4

R.T.: 6.242 min
Delta R.T.: -0.007 min
Response: 2610289
Conc: 42.44 ng/ml



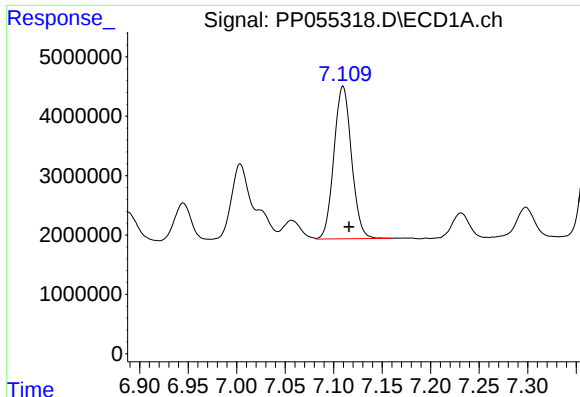
#30 AR-1254-5

R.T.: 7.651 min
Delta R.T.: -0.006 min
Response: 48524089
Conc: 479.67 ng/ml



#30 AR-1254-5

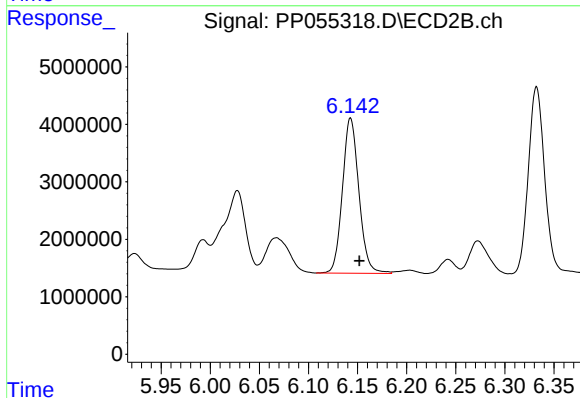
R.T.: 6.660 min
Delta R.T.: -0.009 min
Response: 42053801
Conc: 443.59 ng/ml



#31 AR-1260-1

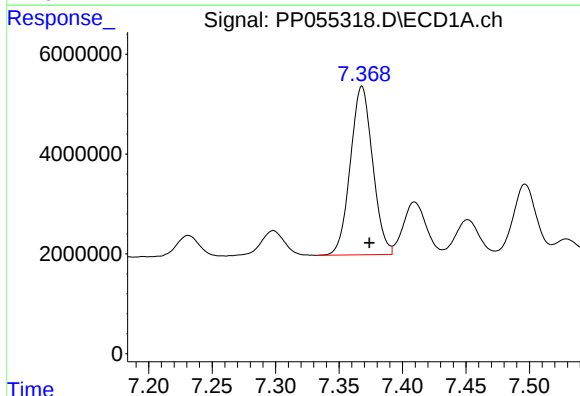
R.T.: 7.110 min
Delta R.T.: -0.006 min
Response: 32397458
Conc: 339.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



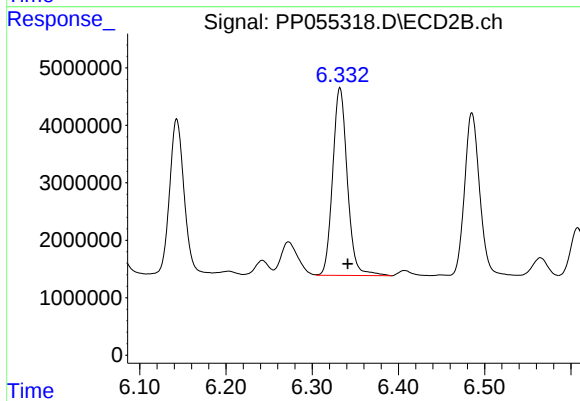
#31 AR-1260-1

R.T.: 6.143 min
Delta R.T.: -0.009 min
Response: 31446302
Conc: 405.53 ng/ml



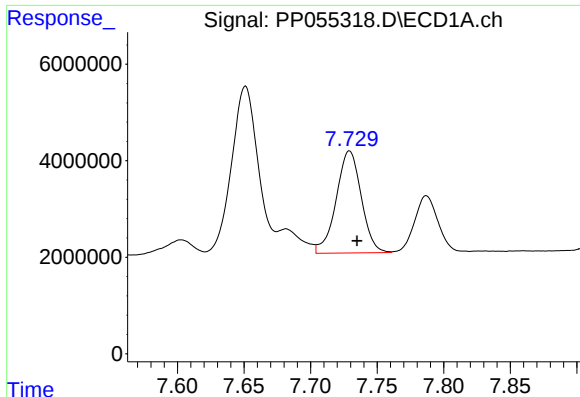
#32 AR-1260-2

R.T.: 7.368 min
Delta R.T.: -0.006 min
Response: 41315500
Conc: 367.10 ng/ml



#32 AR-1260-2

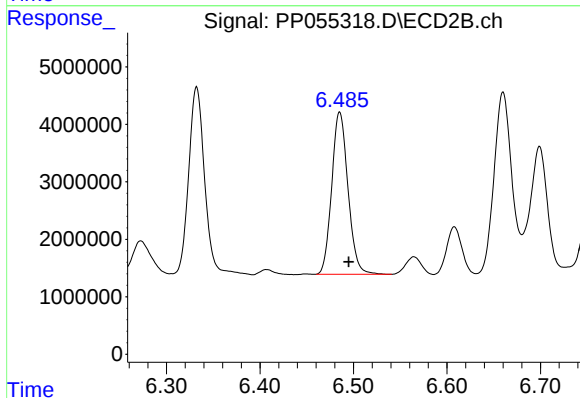
R.T.: 6.332 min
Delta R.T.: -0.009 min
Response: 38524947
Conc: 428.54 ng/ml



#33 AR-1260-3

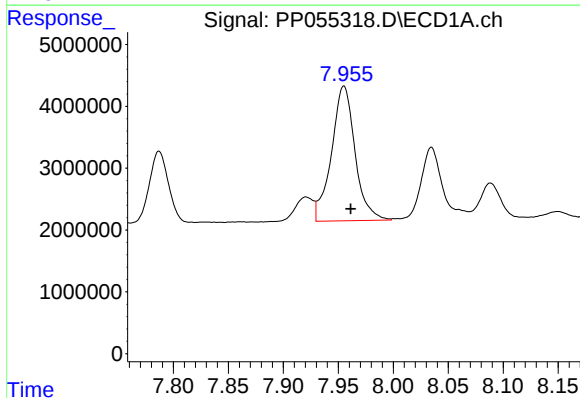
R.T.: 7.729 min
Delta R.T.: -0.006 min
Response: 27742410
Conc: 344.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



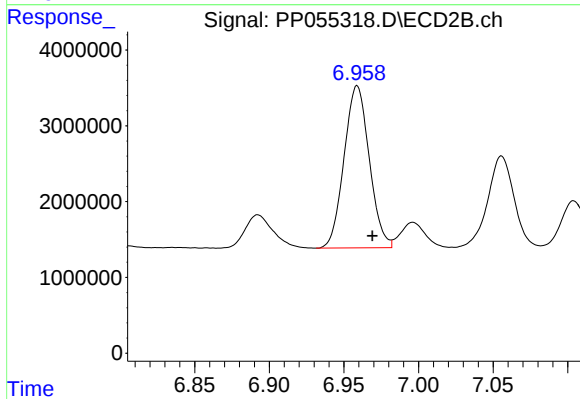
#33 AR-1260-3

R.T.: 6.485 min
Delta R.T.: -0.010 min
Response: 34118592
Conc: 401.82 ng/ml



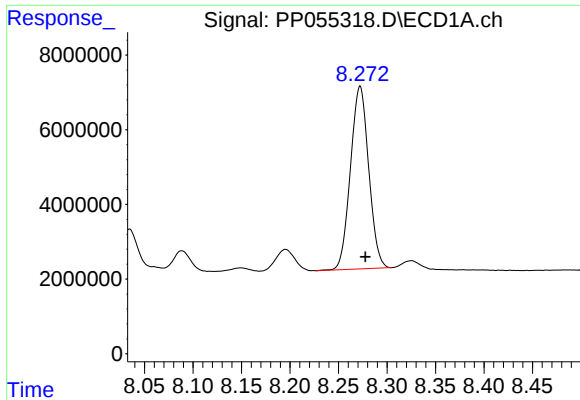
#34 AR-1260-4

R.T.: 7.955 min
Delta R.T.: -0.006 min
Response: 32491974
Conc: 334.70 ng/ml



#34 AR-1260-4

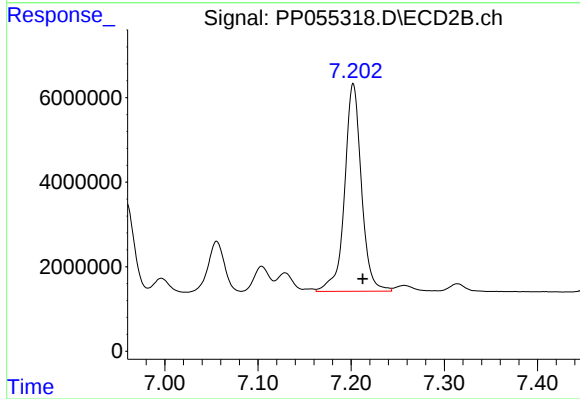
R.T.: 6.959 min
Delta R.T.: -0.010 min
Response: 25171147
Conc: 351.54 ng/ml



#35 AR-1260-5

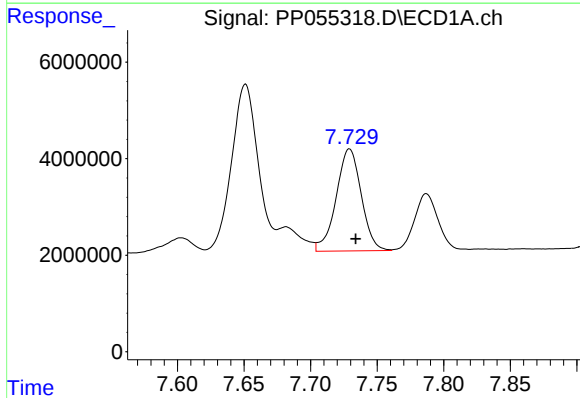
R.T.: 8.272 min
Delta R.T.: -0.005 min
Response: 64045288
Conc: 360.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



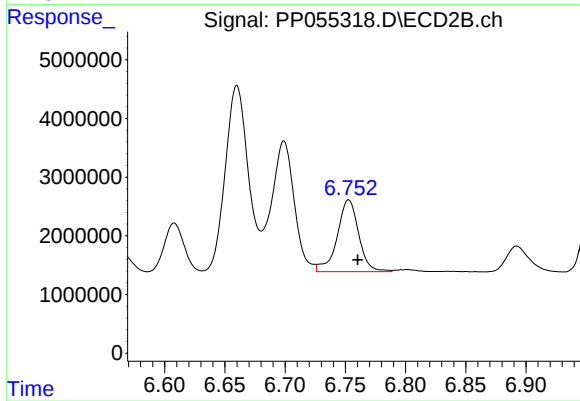
#35 AR-1260-5

R.T.: 7.202 min
Delta R.T.: -0.010 min
Response: 61642336
Conc: 400.96 ng/ml



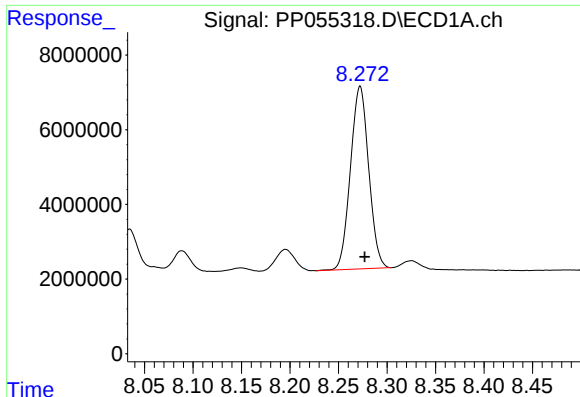
#36 AR-1262-1

R.T.: 7.729 min
Delta R.T.: -0.005 min
Response: 27742410
Conc: 235.14 ng/ml



#36 AR-1262-1

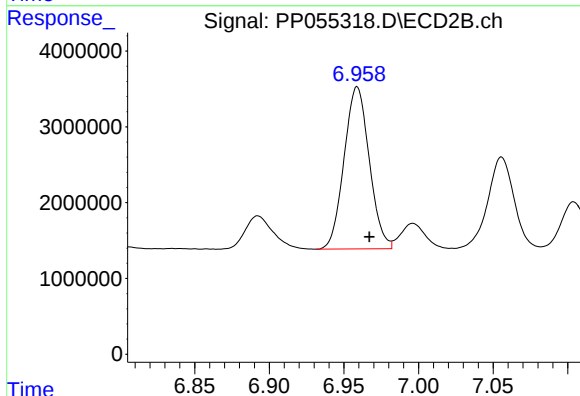
R.T.: 6.753 min
Delta R.T.: -0.008 min
Response: 15233199
Conc: 354.58 ng/ml



#37 AR-1262-2

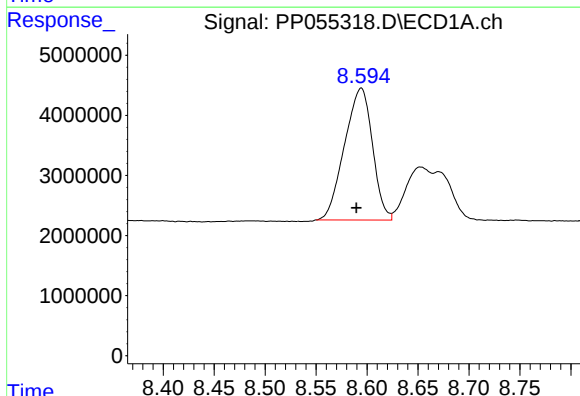
R.T.: 8.272 min
Delta R.T.: -0.005 min
Response: 64045288
Conc: 317.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



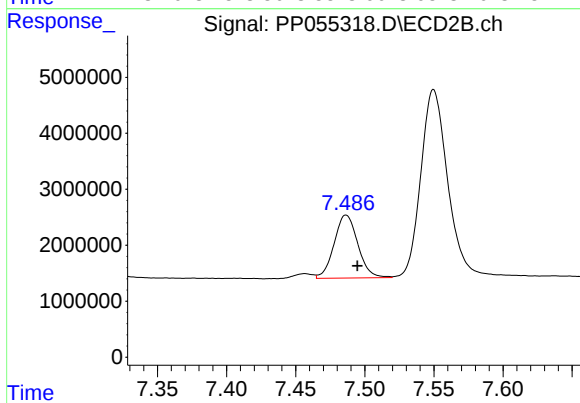
#37 AR-1262-2

R.T.: 6.959 min
Delta R.T.: -0.008 min
Response: 25171147
Conc: 271.76 ng/ml



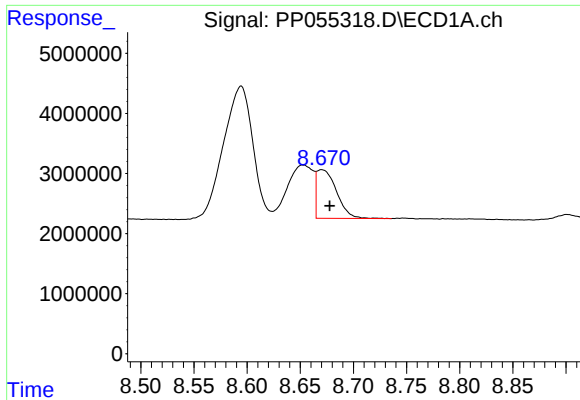
#38 AR-1262-3

R.T.: 8.594 min
Delta R.T.: 0.005 min
Response: 41925115
Conc: 301.47 ng/ml



#38 AR-1262-3

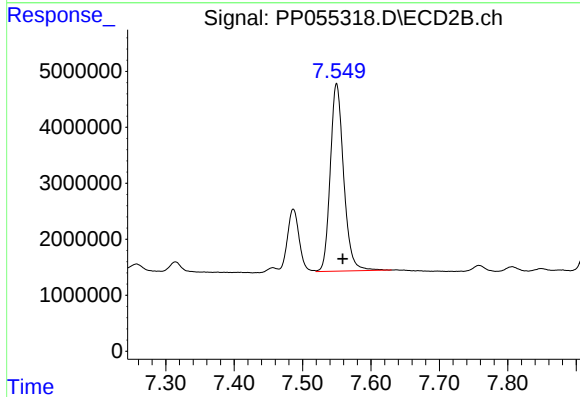
R.T.: 7.486 min
Delta R.T.: -0.008 min
Response: 13434738
Conc: 184.39 ng/ml



#39 AR-1262-4

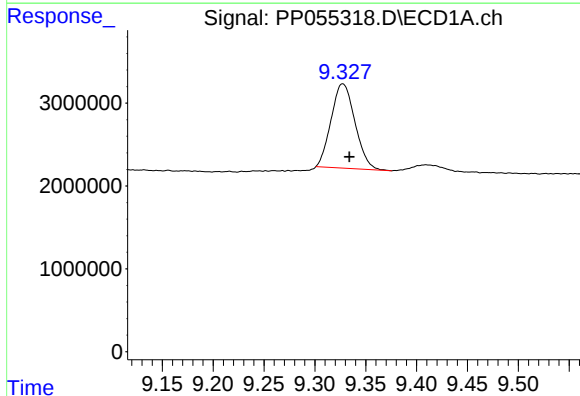
R.T.: 8.670 min
Delta R.T.: -0.008 min
Response: 10478901
Conc: 136.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



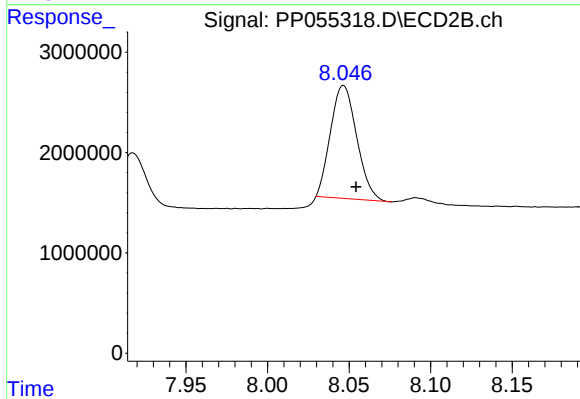
#39 AR-1262-4

R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 45507354
Conc: 347.97 ng/ml



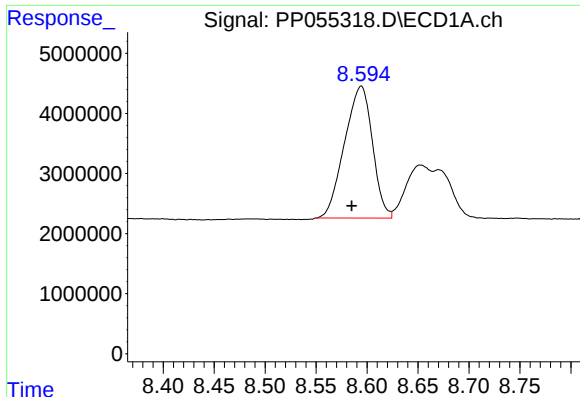
#40 AR-1262-5

R.T.: 9.327 min
Delta R.T.: -0.007 min
Response: 16621964
Conc: 232.41 ng/ml



#40 AR-1262-5

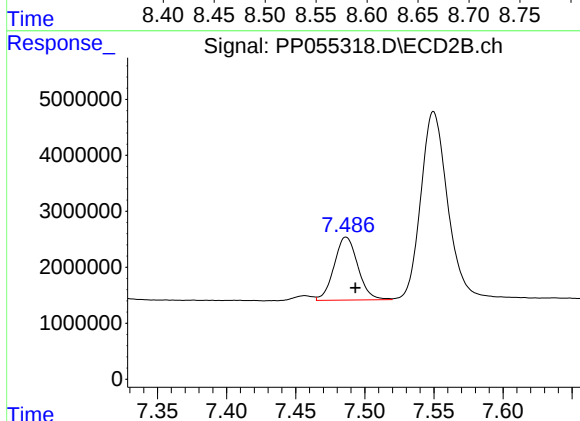
R.T.: 8.047 min
Delta R.T.: -0.008 min
Response: 12573207
Conc: 211.93 ng/ml



#41 AR-1268-1

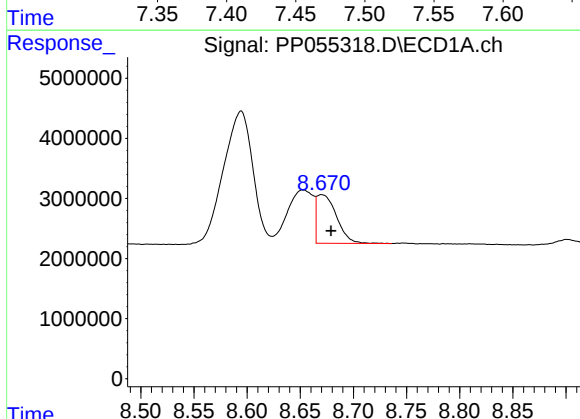
R.T.: 8.594 min
Delta R.T.: 0.009 min
Response: 41925115
Conc: 171.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



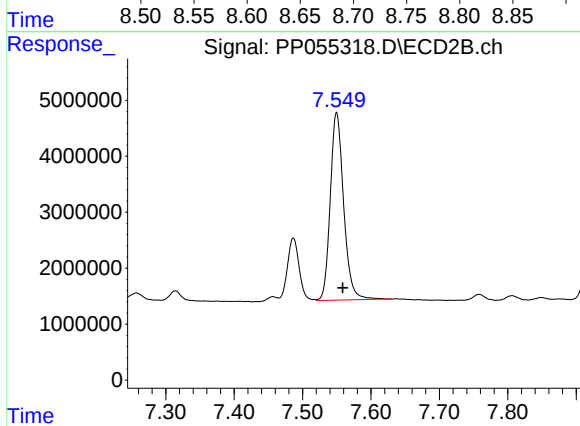
#41 AR-1268-1

R.T.: 7.486 min
Delta R.T.: -0.007 min
Response: 13434738
Conc: 62.13 ng/ml



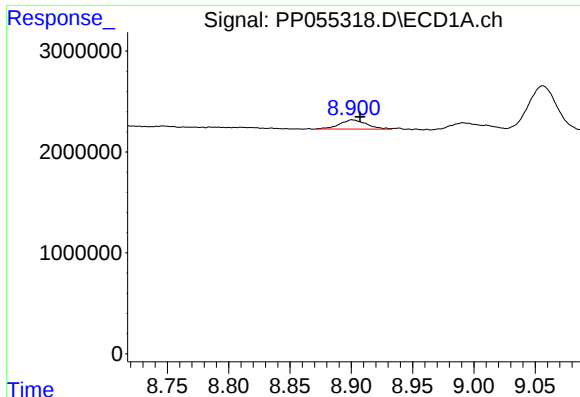
#42 AR-1268-2

R.T.: 8.670 min
Delta R.T.: -0.009 min
Response: 10478901
Conc: 46.14 ng/ml



#42 AR-1268-2

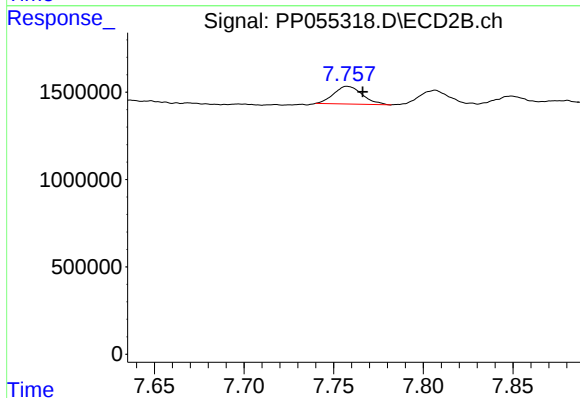
R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 45507354
Conc: 233.21 ng/ml



#43 AR-1268-3

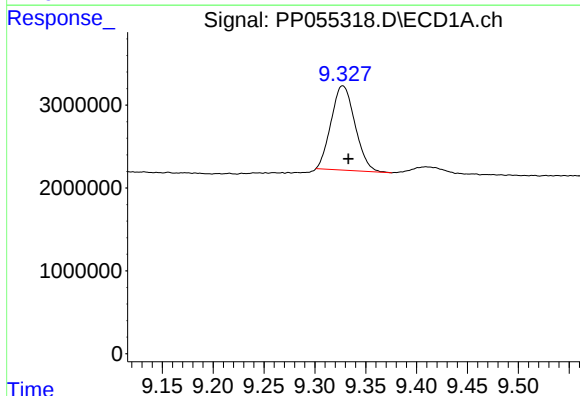
R.T.: 8.901 min
Delta R.T.: -0.006 min
Response: 1391280
Conc: 6.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



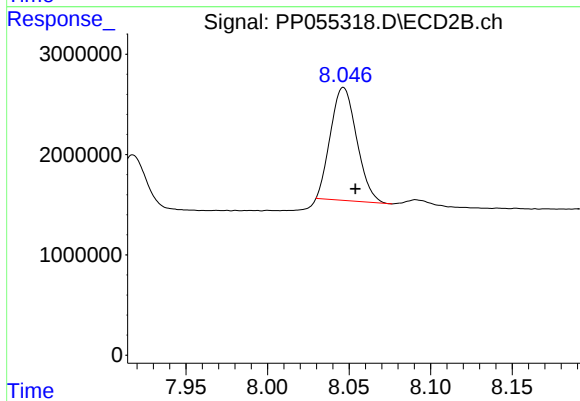
#43 AR-1268-3

R.T.: 7.758 min
Delta R.T.: -0.008 min
Response: 1123304
Conc: 6.54 ng/ml



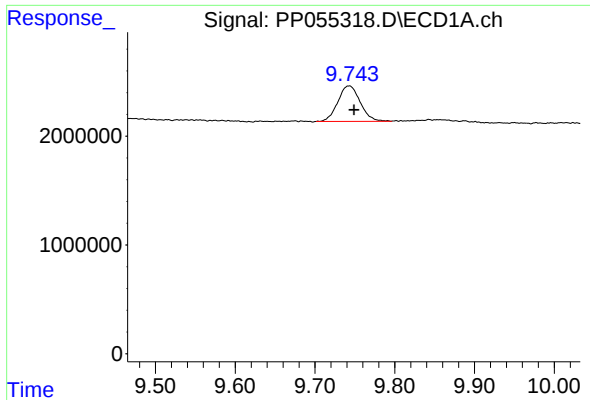
#44 AR-1268-4

R.T.: 9.327 min
Delta R.T.: -0.006 min
Response: 16621964
Conc: 211.62 ng/ml



#44 AR-1268-4

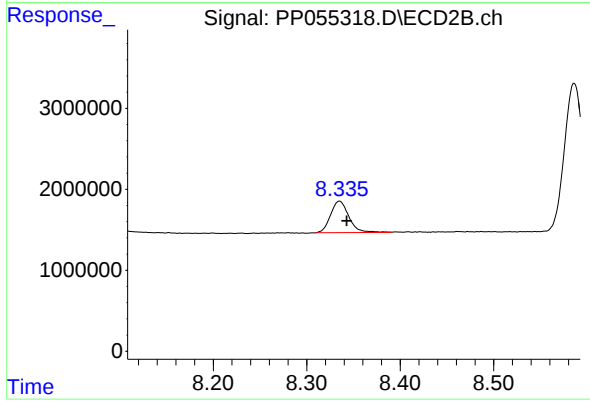
R.T.: 8.047 min
Delta R.T.: -0.007 min
Response: 12573207
Conc: 197.13 ng/ml



#45 AR-1268-5

R.T.: 9.743 min
Delta R.T.: -0.006 min
Response: 6338273
Conc: 9.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.335 min
Delta R.T.: -0.008 min
Response: 5323633
Conc: 10.11 ng/ml