

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020123\
 Data File : PP055189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 09:55
 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: Feb 01 12:45:21 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...	4.328	3.575	83152881	71330084	47.824	47.515
2)	SA Decachlor...	10.082	8.586	83300382	68985499	48.104	51.079
Target Compounds							
3)	L1 AR-1016-1	5.499	4.658	898115	750708	13.363	15.168
4)	L1 AR-1016-2	5.524	4.676	1227339	603024	12.808	8.712 #
5)	L1 AR-1016-3	5.583	4.854	602264	364713	10.069	9.805
6)	L1 AR-1016-4	5.681	4.895	488802	17204053	10.201	547.512 #
7)	L1 AR-1016-5	5.979	5.108	12514790	10410471	246.966	254.631
8)	L2 AR-1221-1	4.537	3.785	85791	94526	3.648	4.768 #
9)	L2 AR-1221-2	4.635	3.873	1345807	1003741	75.748	67.718
10)	L2 AR-1221-3	4.700	3.948	399880	231562	7.431	5.133 #
11)	L3 AR-1232-1	4.700	3.948	399880	231562	9.010	6.282 #
12)	L3 AR-1232-2	5.230	4.676	561136	603024	24.813	18.878
13)	L3 AR-1232-3	5.524	4.854	1227339	364713	27.947	21.877
14)	L3 AR-1232-4	5.681	4.936	488802	5167415	22.084	320.438 #
15)	L3 AR-1232-5	5.774	5.108	21287025	10410471	1215.913	589.445 #
16)	L4 AR-1242-1	5.499	4.658	898115	750708	16.041	18.327
17)	L4 AR-1242-2	5.524	4.676	1227339	603024	15.374	10.561 #
18)	L4 AR-1242-3	5.583	4.854	602264	364713	12.127	11.815
19)	L4 AR-1242-4	5.681	4.936	488802	5167415	12.197	159.061 #
20)	L4 AR-1242-5	6.425	5.461	11730470	39812569	263.823	1065.314 #
21)	L5 AR-1248-1	5.499	4.658	898115	750708	21.536	24.214
22)	L5 AR-1248-2	5.774	4.895	21287025	17204053	334.837	376.230
23)	L5 AR-1248-3	5.979	4.936	12514790	5167415	180.959	108.392 #
24)	L5 AR-1248-4	6.384	5.108	17786466	10410471	234.545	188.503
25)	L5 AR-1248-5	6.425	5.501	11730470	4522563	158.964	91.976 #
26)	L6 AR-1254-1	6.358	5.461	36060335	39812569	457.083	492.985
27)	L6 AR-1254-2	6.578	5.609	54735842	34757193	452.276	485.689
28)	L6 AR-1254-3	6.945	6.014	56162869	55067483	458.510	494.289
29)	L6 AR-1254-4	7.232	6.243	40656697	30272196	461.421	492.172
30)	L6 AR-1254-5	7.653	6.662	45288904	46347353	447.692	488.875
31)	L7 AR-1260-1	7.110	6.145	23436452	27419263	245.855	353.594 #
32)	L7 AR-1260-2	7.369	6.333	26849794	21726310	238.567	241.677
33)	L7 AR-1260-3	7.713f	6.486	6335992	21927954	78.690	258.247 #
34)	L7 AR-1260-4	7.942f	6.960	18455262	2330616	190.110	32.549 #
35)	L7 AR-1260-5	8.272	7.203	6488167	5316586	36.481	34.582
36)	L8 AR-1262-1	7.713f	6.753	6335992	1588910	53.703	36.985 #
37)	L8 AR-1262-2	8.272	6.960	6488167	2330616	32.213	25.162
38)	L8 AR-1262-3	8.596	7.490	4463403	208776	32.094	2.865 #
39)	L8 AR-1262-4	8.706f	7.549	29860	5025066	0.388	38.424 #
40)	L8 AR-1262-5	9.331	8.047	222931	189214	3.117	3.189
41)	L9 AR-1268-1	8.596	7.490	4463403	208776	18.262	0.966 #

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 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

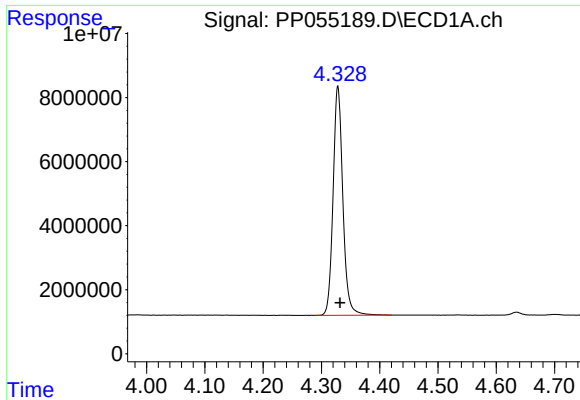
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 12:45:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.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	8.706f	7.549	29860	5025066	0.131	25.752 #
43) L9	AR-1268-3	8.911	7.759	383298	130145	1.919	0.758 #
44) L9	AR-1268-4	9.331	8.047	222931	189214	2.838	2.967
45) L9	AR-1268-5	9.740	8.336	496486	252782	0.780	0.480 #

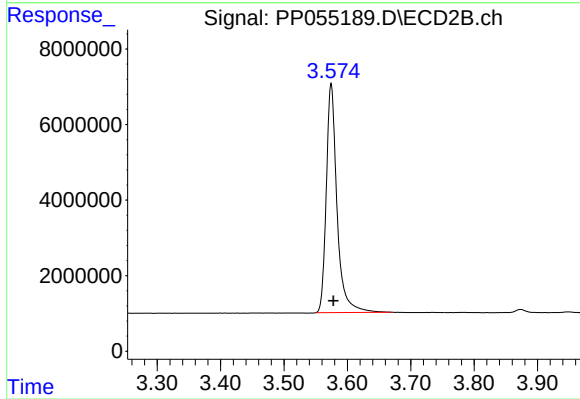
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

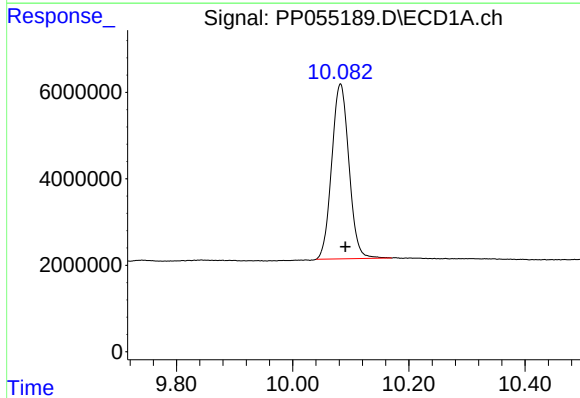
R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 83152881
Conc: 47.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



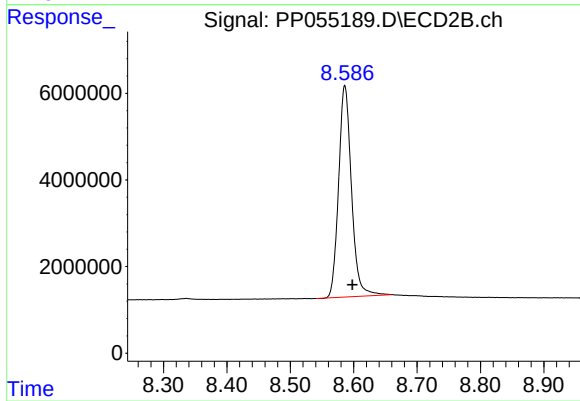
#1 Tetrachloro-m-xylene

R.T.: 3.575 min
Delta R.T.: -0.004 min
Response: 71330084
Conc: 47.51 ng/ml



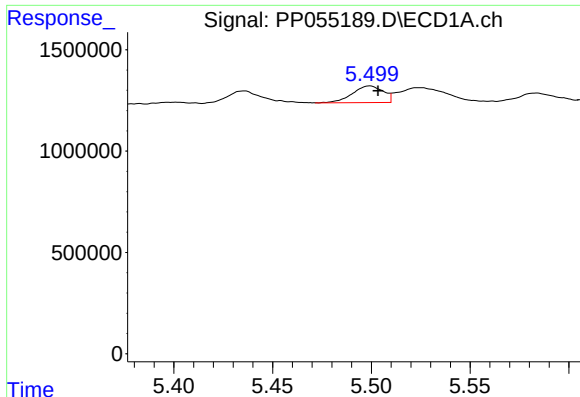
#2 Decachlorobiphenyl

R.T.: 10.082 min
Delta R.T.: -0.009 min
Response: 83300382
Conc: 48.10 ng/ml



#2 Decachlorobiphenyl

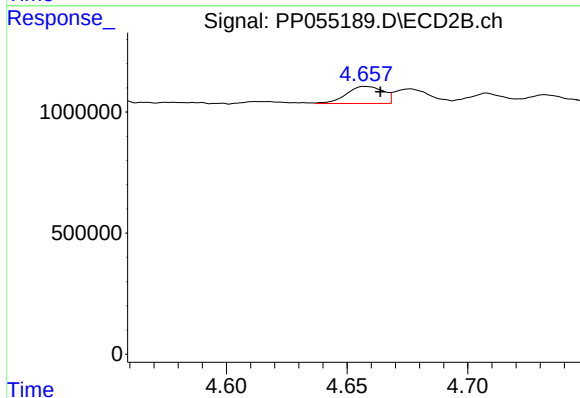
R.T.: 8.586 min
Delta R.T.: -0.012 min
Response: 68985499
Conc: 51.08 ng/ml



#3 AR-1016-1

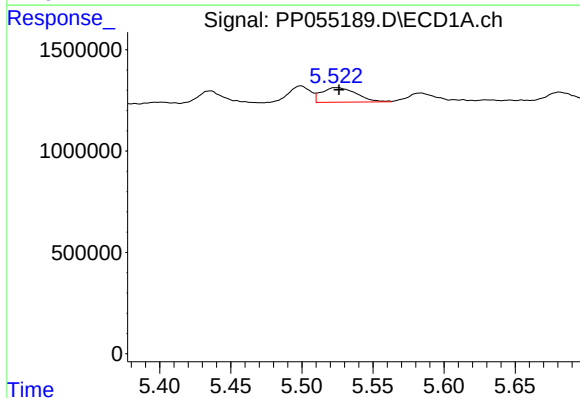
R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 898115
Conc: 13.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



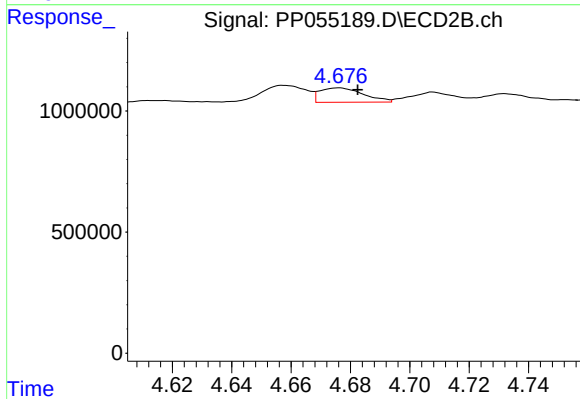
#3 AR-1016-1

R.T.: 4.658 min
Delta R.T.: -0.006 min
Response: 750708
Conc: 15.17 ng/ml



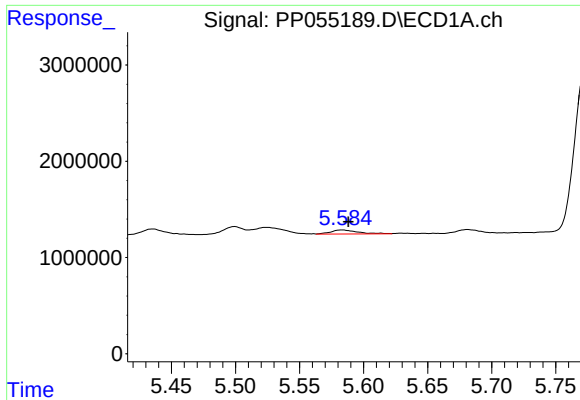
#4 AR-1016-2

R.T.: 5.524 min
Delta R.T.: -0.002 min
Response: 1227339
Conc: 12.81 ng/ml



#4 AR-1016-2

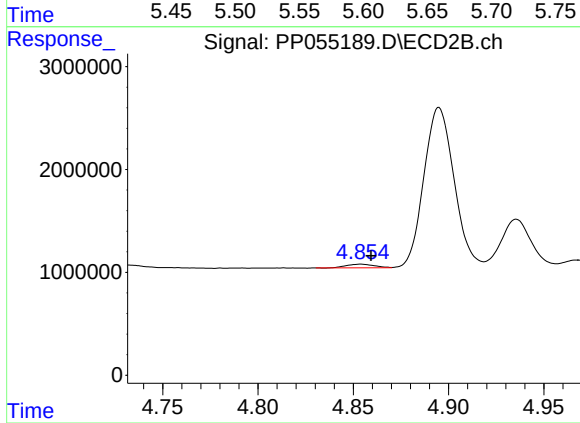
R.T.: 4.676 min
Delta R.T.: -0.006 min
Response: 603024
Conc: 8.71 ng/ml



#5 AR-1016-3

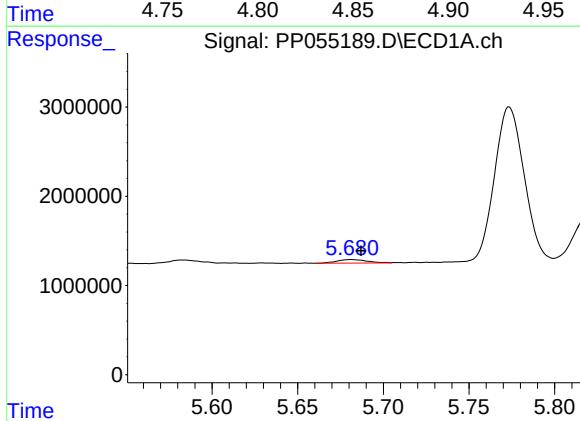
R.T.: 5.583 min
 Delta R.T.: -0.005 min
 Response: 602264
 Conc: 10.07 ng/ml

Instrument :
 ECD_P
 ClientSampleId :



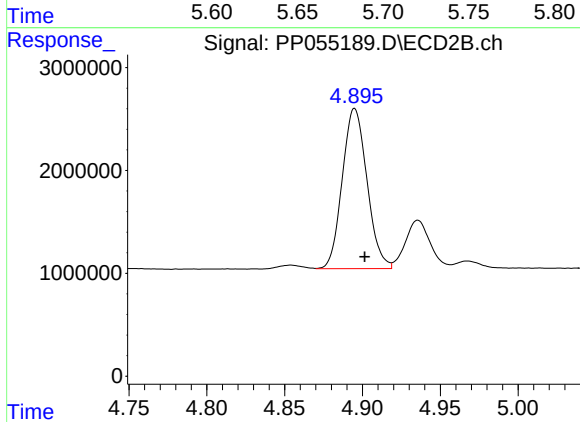
#5 AR-1016-3

R.T.: 4.854 min
 Delta R.T.: -0.005 min
 Response: 364713
 Conc: 9.81 ng/ml



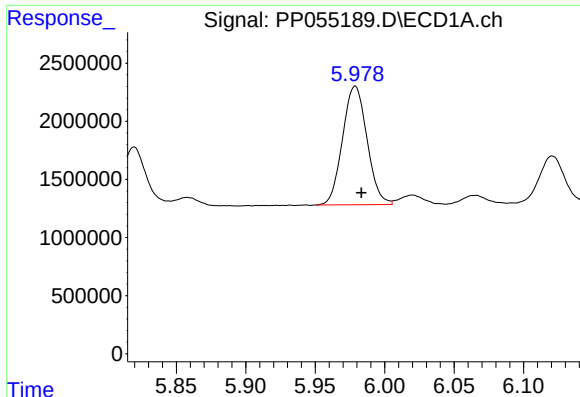
#6 AR-1016-4

R.T.: 5.681 min
 Delta R.T.: -0.006 min
 Response: 488802
 Conc: 10.20 ng/ml



#6 AR-1016-4

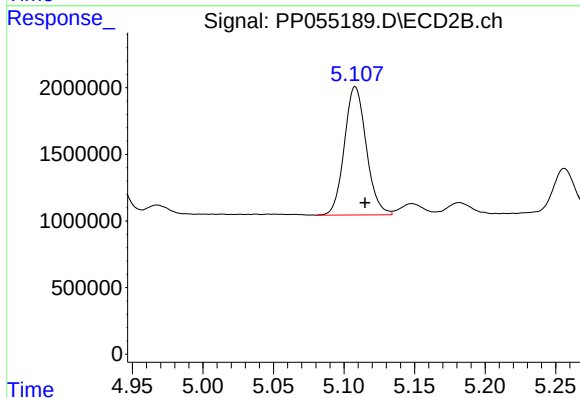
R.T.: 4.895 min
 Delta R.T.: -0.006 min
 Response: 17204053
 Conc: 547.51 ng/ml



#7 AR-1016-5

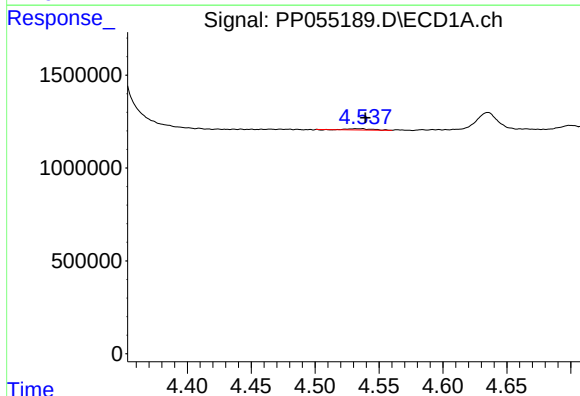
R.T.: 5.979 min
Delta R.T.: -0.004 min
Response: 12514790
Conc: 246.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



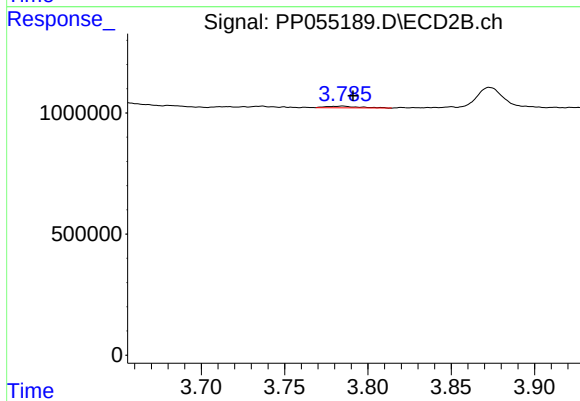
#7 AR-1016-5

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 10410471
Conc: 254.63 ng/ml



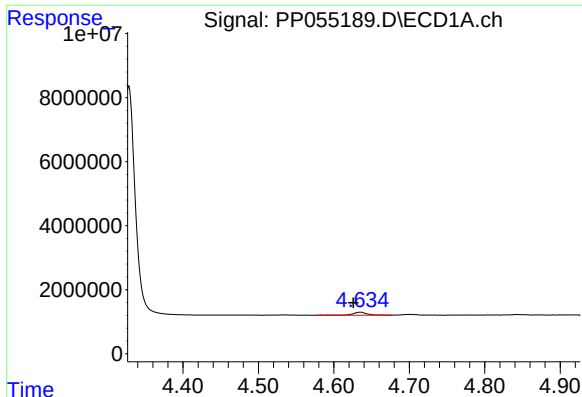
#8 AR-1221-1

R.T.: 4.537 min
Delta R.T.: -0.003 min
Response: 85791
Conc: 3.65 ng/ml



#8 AR-1221-1

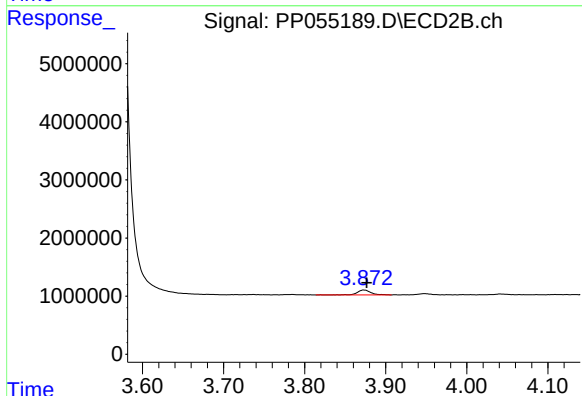
R.T.: 3.785 min
Delta R.T.: -0.006 min
Response: 94526
Conc: 4.77 ng/ml



#9 AR-1221-2

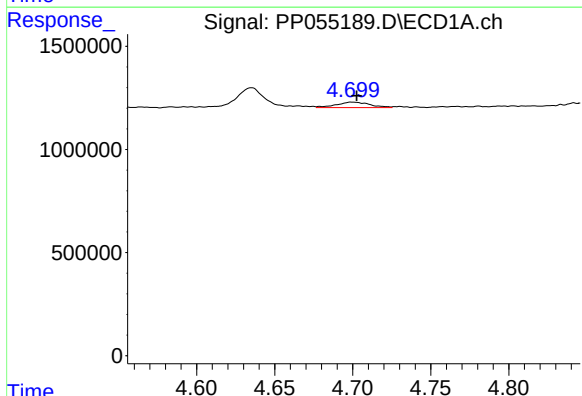
R.T.: 4.635 min
Delta R.T.: 0.009 min
Response: 1345807
Conc: 75.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



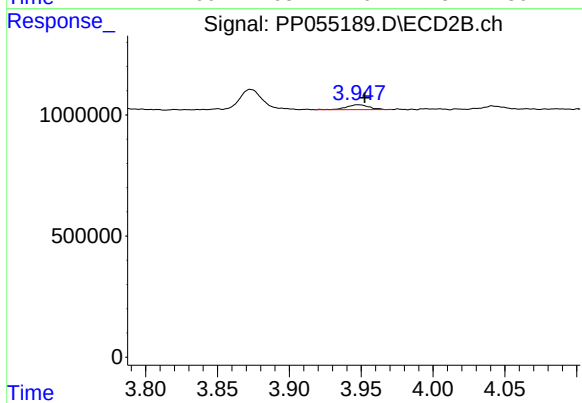
#9 AR-1221-2

R.T.: 3.873 min
Delta R.T.: -0.004 min
Response: 1003741
Conc: 67.72 ng/ml



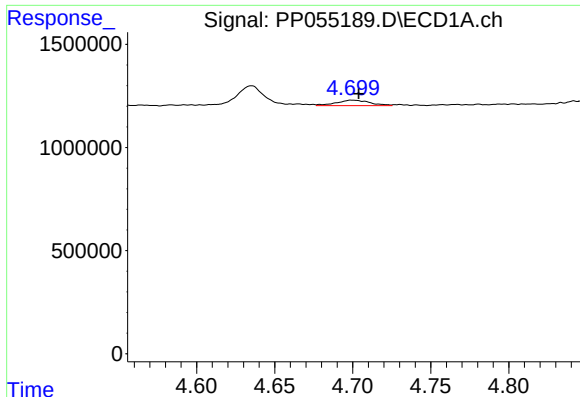
#10 AR-1221-3

R.T.: 4.700 min
Delta R.T.: -0.003 min
Response: 399880
Conc: 7.43 ng/ml



#10 AR-1221-3

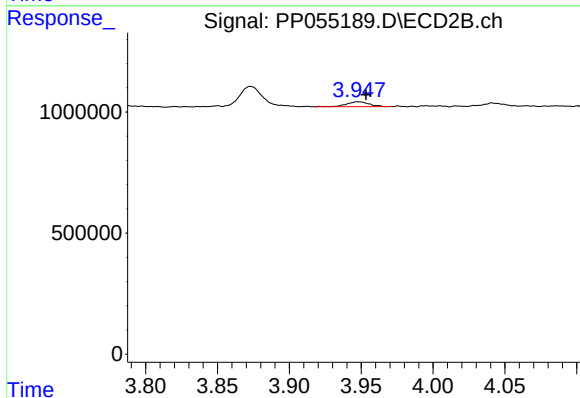
R.T.: 3.948 min
Delta R.T.: -0.004 min
Response: 231562
Conc: 5.13 ng/ml



#11 AR-1232-1

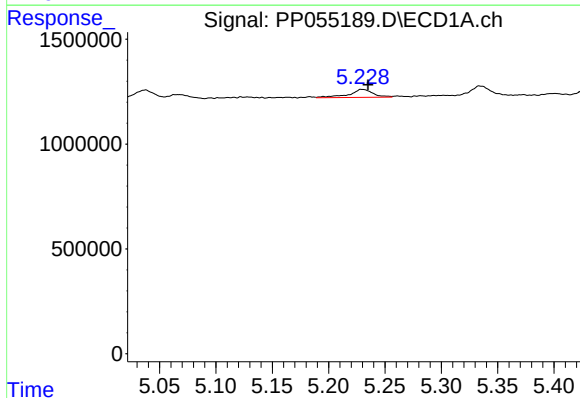
R.T.: 4.700 min
Delta R.T.: -0.004 min
Response: 399880
Conc: 9.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



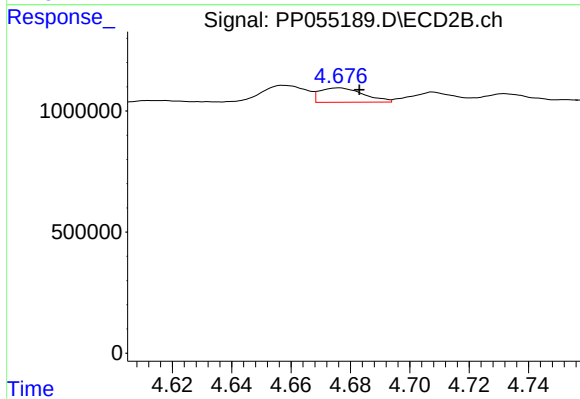
#11 AR-1232-1

R.T.: 3.948 min
Delta R.T.: -0.005 min
Response: 231562
Conc: 6.28 ng/ml



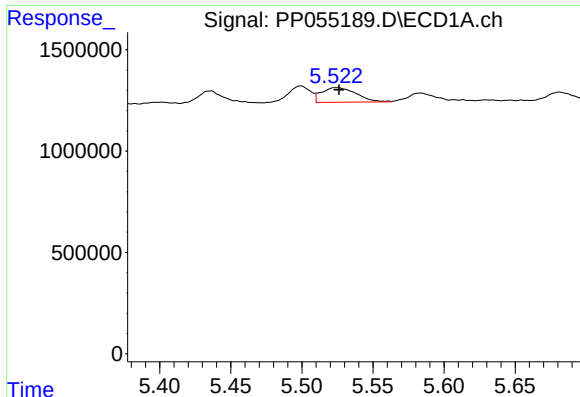
#12 AR-1232-2

R.T.: 5.230 min
Delta R.T.: -0.005 min
Response: 561136
Conc: 24.81 ng/ml



#12 AR-1232-2

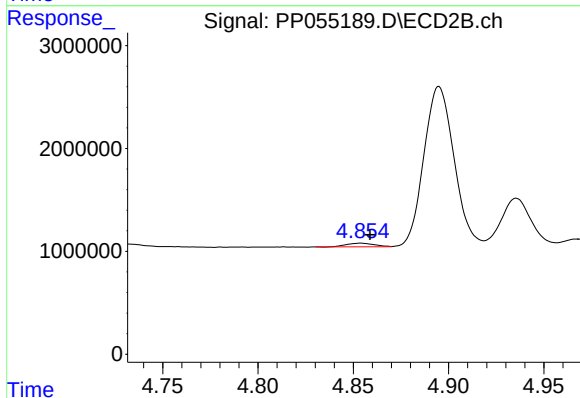
R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 603024
Conc: 18.88 ng/ml



#13 AR-1232-3

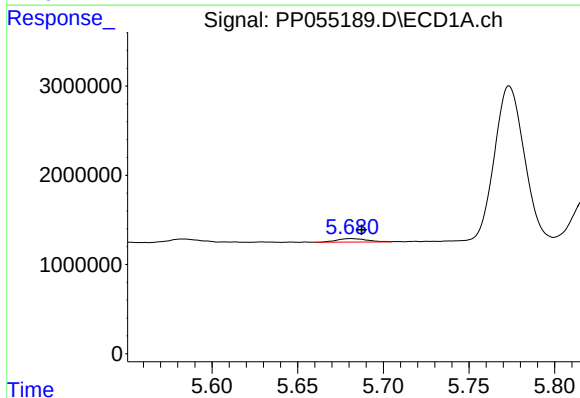
R.T.: 5.524 min
Delta R.T.: -0.002 min
Response: 1227339
Conc: 27.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



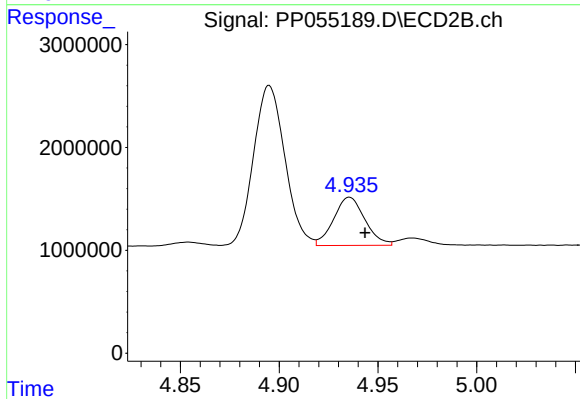
#13 AR-1232-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 364713
Conc: 21.88 ng/ml



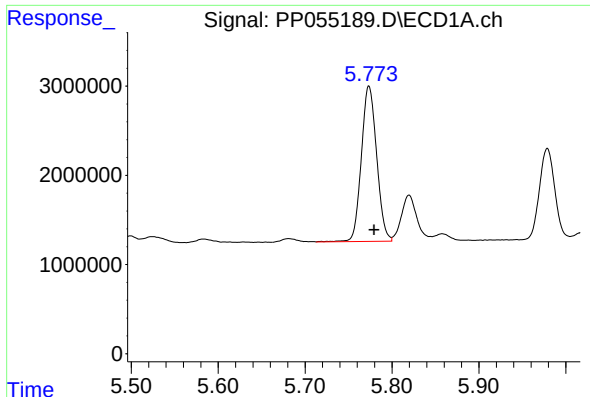
#14 AR-1232-4

R.T.: 5.681 min
Delta R.T.: -0.006 min
Response: 488802
Conc: 22.08 ng/ml



#14 AR-1232-4

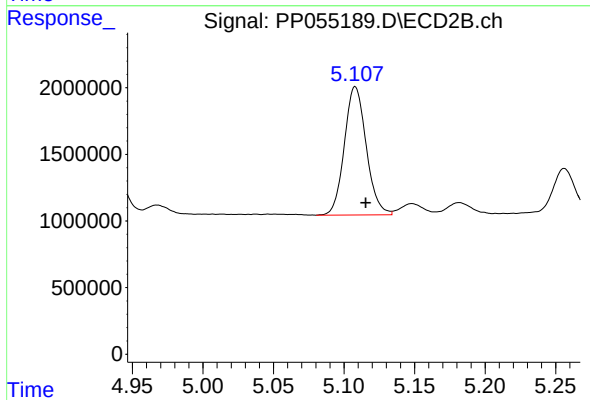
R.T.: 4.936 min
Delta R.T.: -0.008 min
Response: 5167415
Conc: 320.44 ng/ml



#15 AR-1232-5

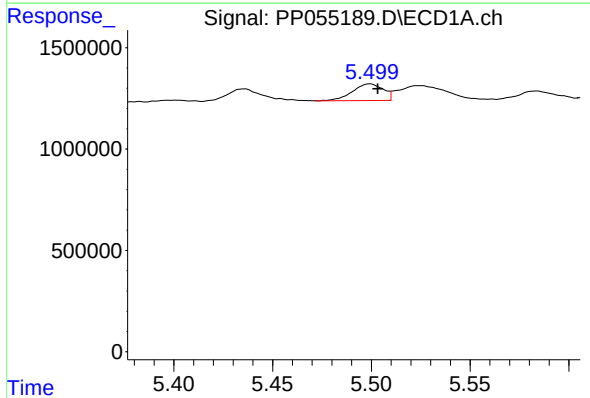
R.T.: 5.774 min
Delta R.T.: -0.006 min
Response: 21287025
Conc: 1215.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



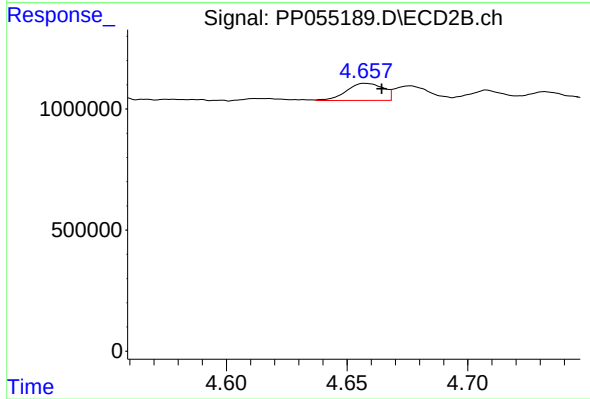
#15 AR-1232-5

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 10410471
Conc: 589.45 ng/ml



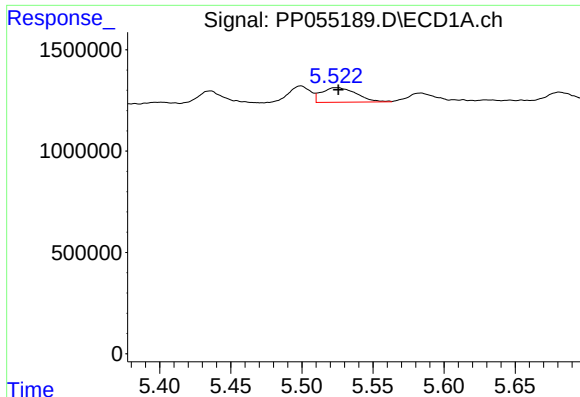
#16 AR-1242-1

R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 898115
Conc: 16.04 ng/ml



#16 AR-1242-1

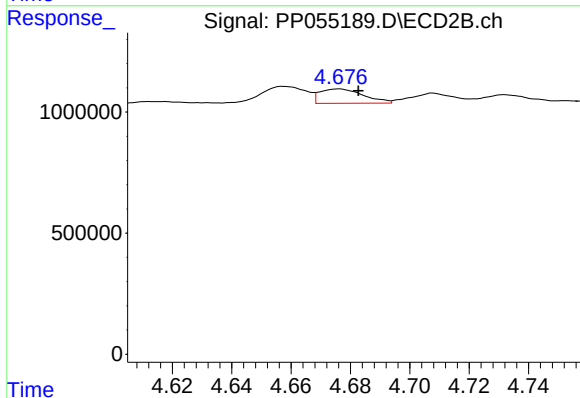
R.T.: 4.658 min
Delta R.T.: -0.007 min
Response: 750708
Conc: 18.33 ng/ml



#17 AR-1242-2

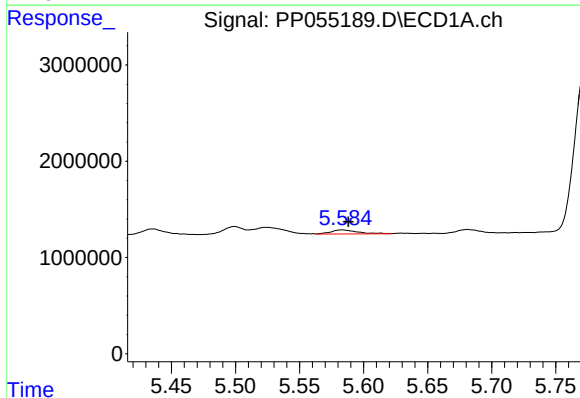
R.T.: 5.524 min
Delta R.T.: -0.001 min
Response: 1227339
Conc: 15.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



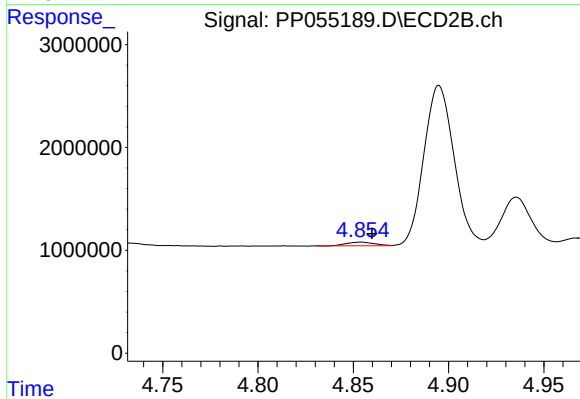
#17 AR-1242-2

R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 603024
Conc: 10.56 ng/ml



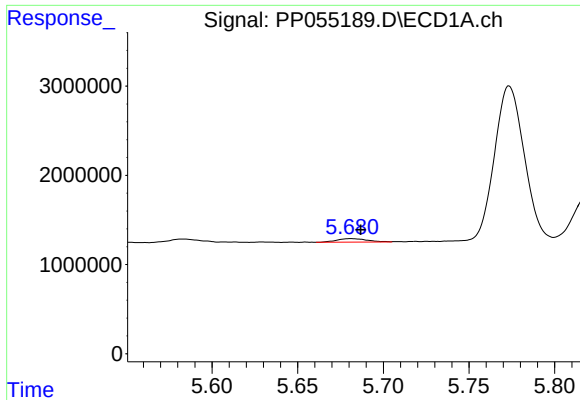
#18 AR-1242-3

R.T.: 5.583 min
Delta R.T.: -0.005 min
Response: 602264
Conc: 12.13 ng/ml



#18 AR-1242-3

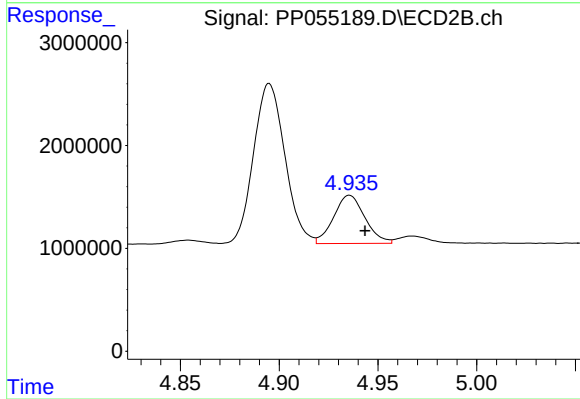
R.T.: 4.854 min
Delta R.T.: -0.006 min
Response: 364713
Conc: 11.82 ng/ml



#19 AR-1242-4

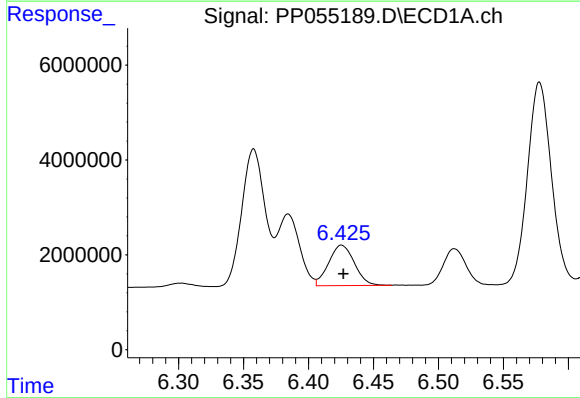
R.T.: 5.681 min
Delta R.T.: -0.006 min
Response: 488802
Conc: 12.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



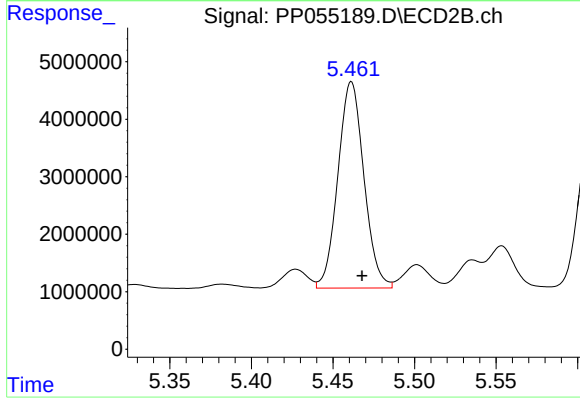
#19 AR-1242-4

R.T.: 4.936 min
Delta R.T.: -0.008 min
Response: 5167415
Conc: 159.06 ng/ml



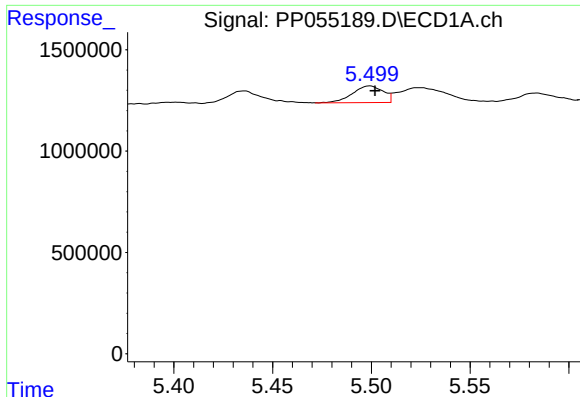
#20 AR-1242-5

R.T.: 6.425 min
Delta R.T.: -0.002 min
Response: 11730470
Conc: 263.82 ng/ml



#20 AR-1242-5

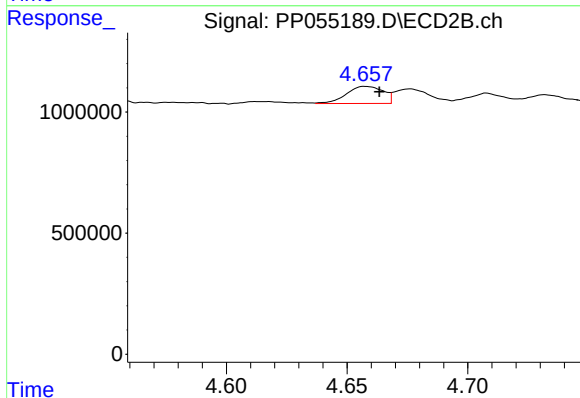
R.T.: 5.461 min
Delta R.T.: -0.006 min
Response: 39812569
Conc: 1065.31 ng/ml



#21 AR-1248-1

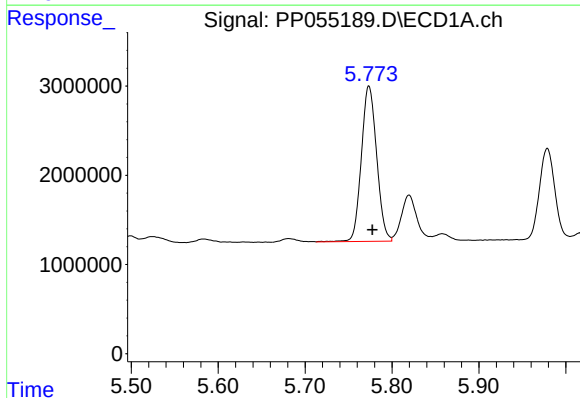
R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 898115
Conc: 21.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



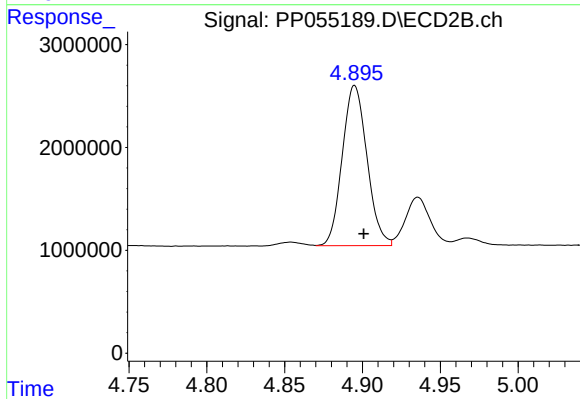
#21 AR-1248-1

R.T.: 4.658 min
Delta R.T.: -0.006 min
Response: 750708
Conc: 24.21 ng/ml



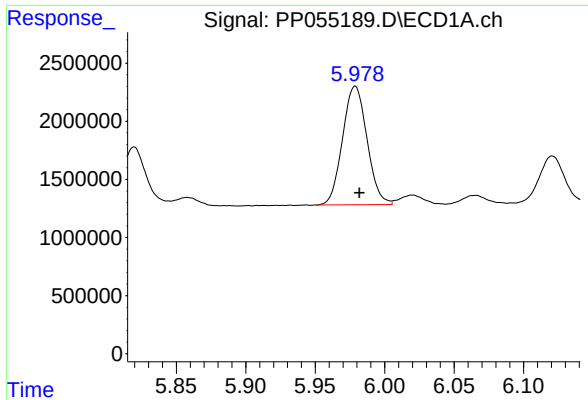
#22 AR-1248-2

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 21287025
Conc: 334.84 ng/ml



#22 AR-1248-2

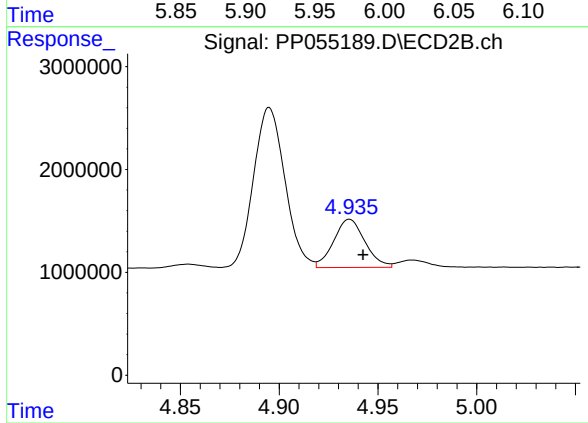
R.T.: 4.895 min
Delta R.T.: -0.006 min
Response: 17204053
Conc: 376.23 ng/ml



#23 AR-1248-3

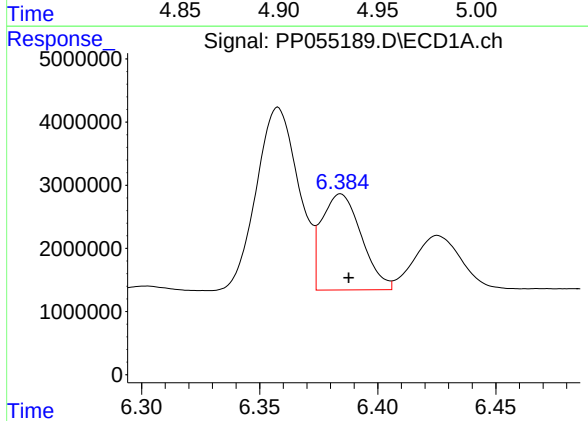
R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 12514790
Conc: 180.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



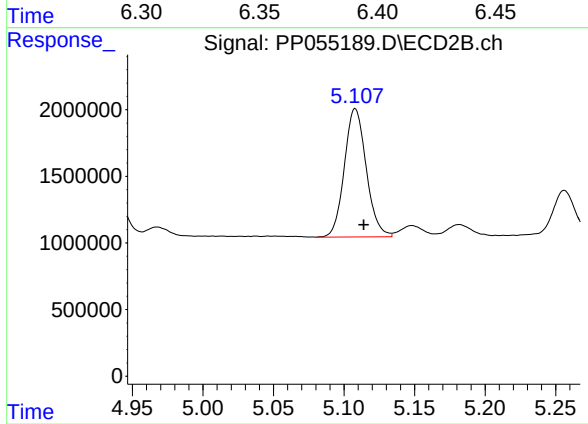
#23 AR-1248-3

R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: 5167415
Conc: 108.39 ng/ml



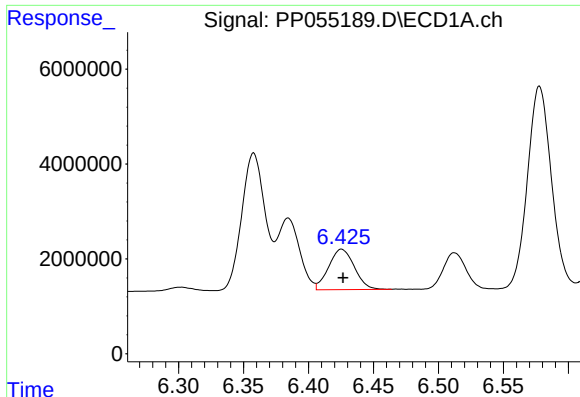
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 17786466
Conc: 234.54 ng/ml



#24 AR-1248-4

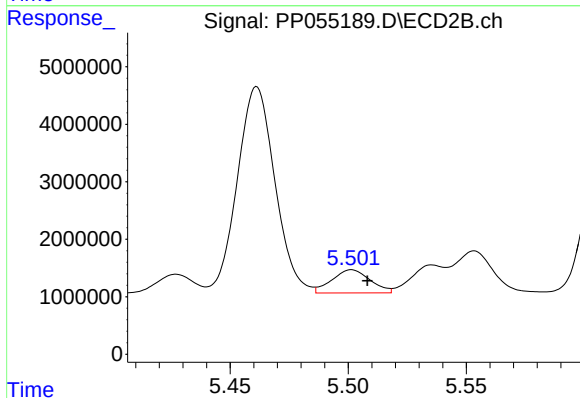
R.T.: 5.108 min
Delta R.T.: -0.006 min
Response: 10410471
Conc: 188.50 ng/ml



#25 AR-1248-5

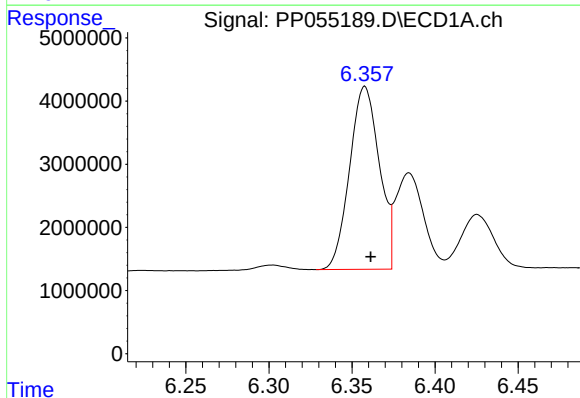
R.T.: 6.425 min
Delta R.T.: -0.001 min
Response: 11730470
Conc: 158.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



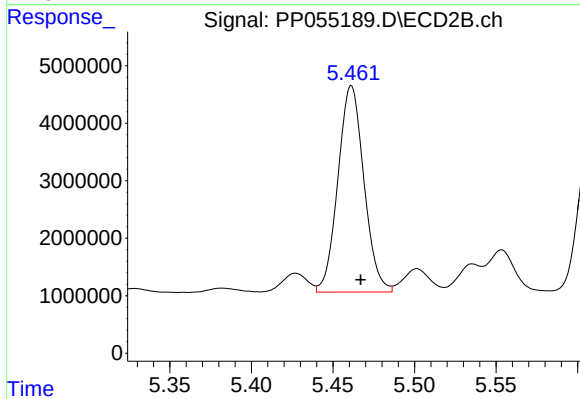
#25 AR-1248-5

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 4522563
Conc: 91.98 ng/ml



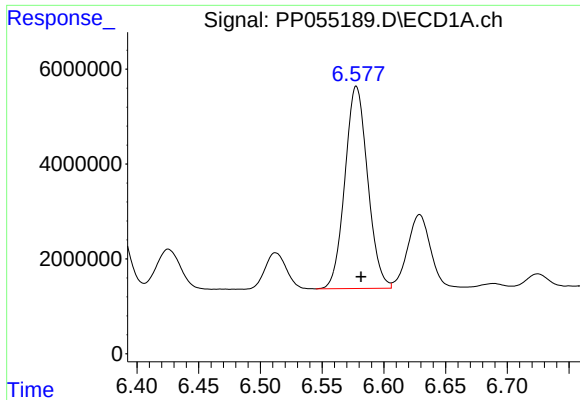
#26 AR-1254-1

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 36060335
Conc: 457.08 ng/ml



#26 AR-1254-1

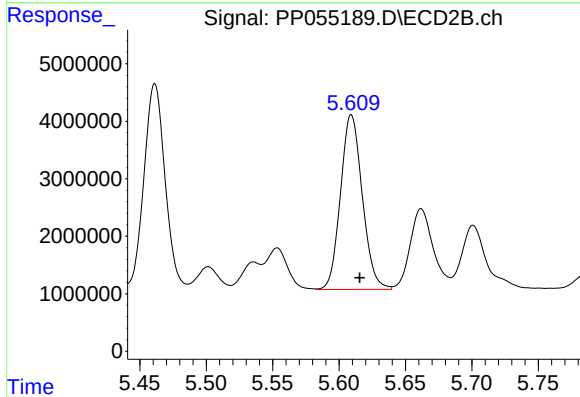
R.T.: 5.461 min
Delta R.T.: -0.006 min
Response: 39812569
Conc: 492.99 ng/ml



#27 AR-1254-2

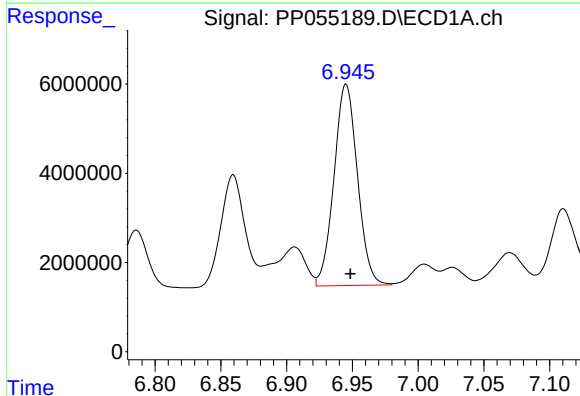
R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 54735842
Conc: 452.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



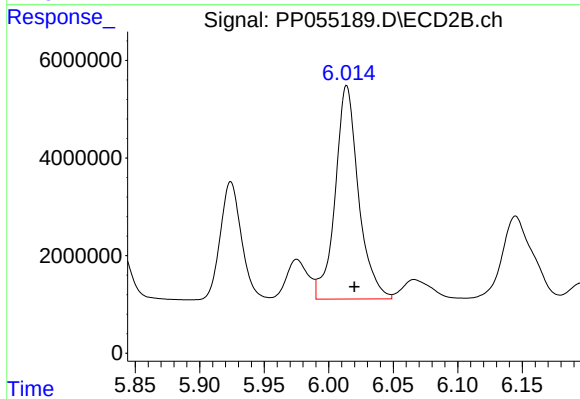
#27 AR-1254-2

R.T.: 5.609 min
Delta R.T.: -0.006 min
Response: 34757193
Conc: 485.69 ng/ml



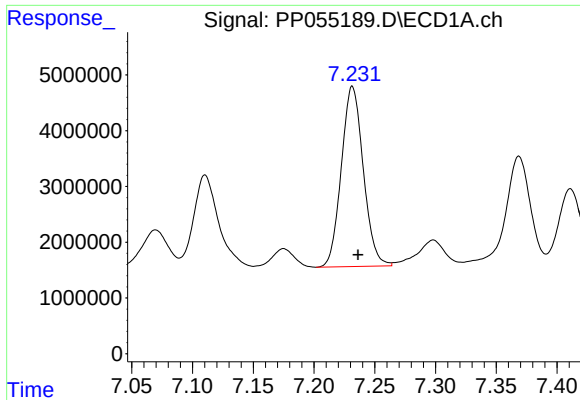
#28 AR-1254-3

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 56162869
Conc: 458.51 ng/ml



#28 AR-1254-3

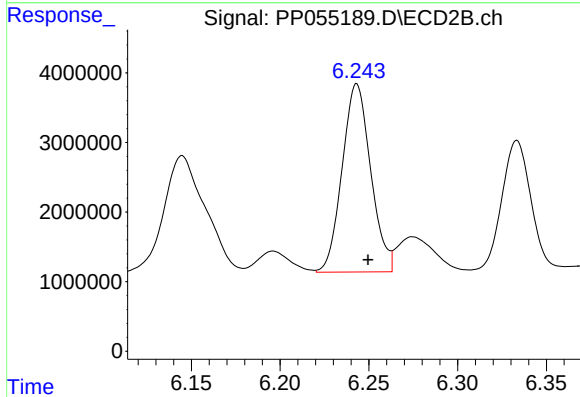
R.T.: 6.014 min
Delta R.T.: -0.006 min
Response: 55067483
Conc: 494.29 ng/ml



#29 AR-1254-4

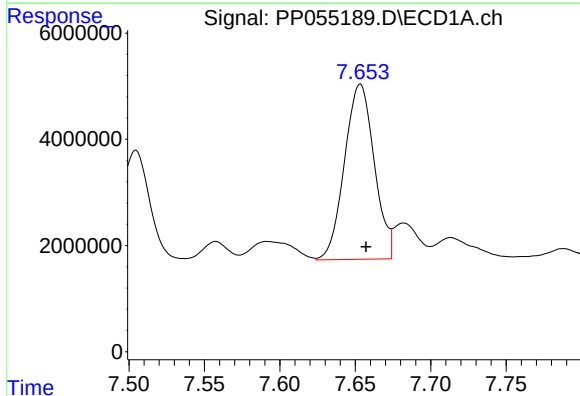
R.T.: 7.232 min
Delta R.T.: -0.005 min
Response: 40656697
Conc: 461.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



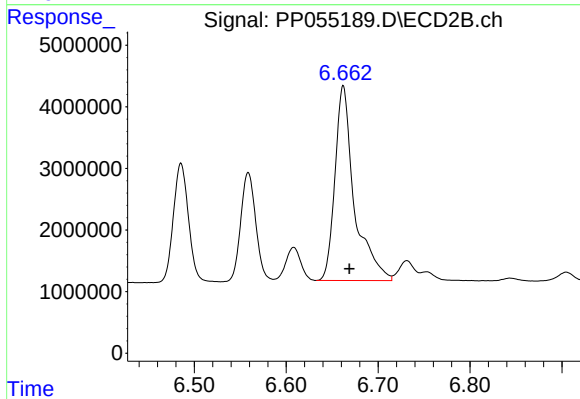
#29 AR-1254-4

R.T.: 6.243 min
Delta R.T.: -0.006 min
Response: 30272196
Conc: 492.17 ng/ml



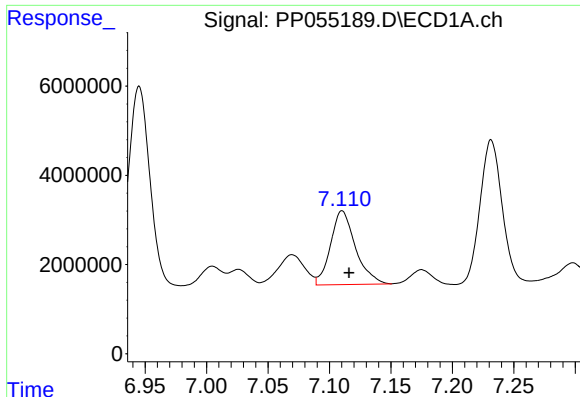
#30 AR-1254-5

R.T.: 7.653 min
Delta R.T.: -0.004 min
Response: 45288904
Conc: 447.69 ng/ml



#30 AR-1254-5

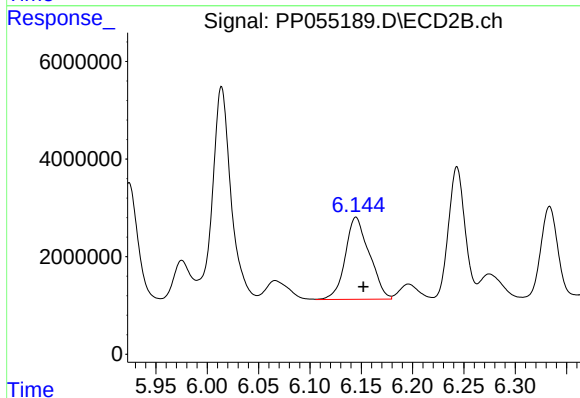
R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 46347353
Conc: 488.88 ng/ml



#31 AR-1260-1

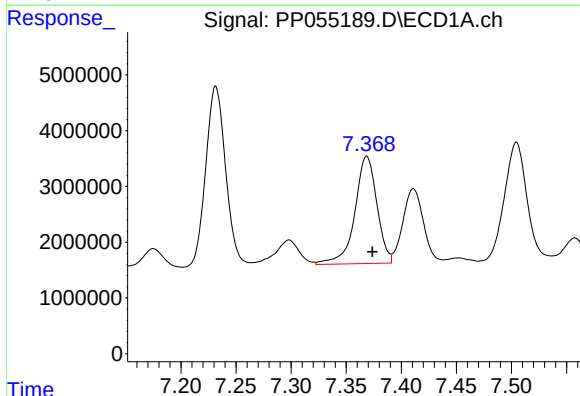
R.T.: 7.110 min
Delta R.T.: -0.005 min
Response: 23436452
Conc: 245.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



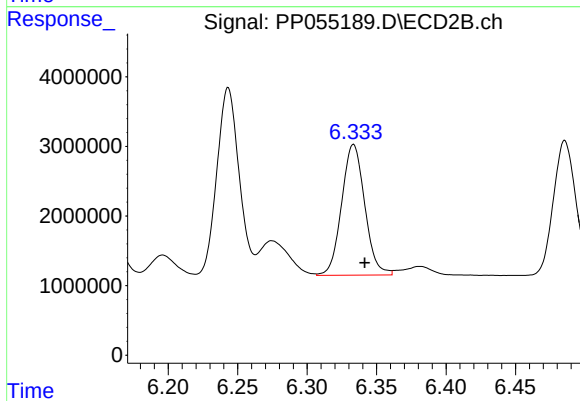
#31 AR-1260-1

R.T.: 6.145 min
Delta R.T.: -0.007 min
Response: 27419263
Conc: 353.59 ng/ml



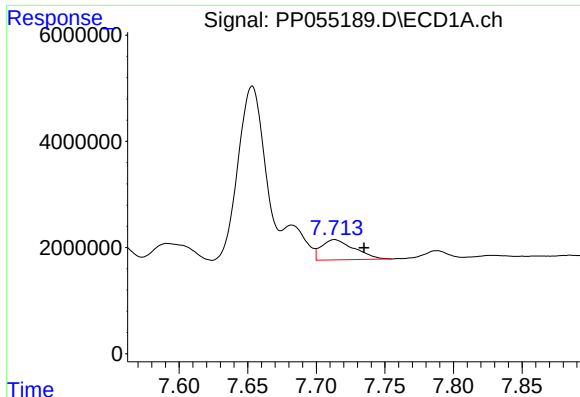
#32 AR-1260-2

R.T.: 7.369 min
Delta R.T.: -0.005 min
Response: 26849794
Conc: 238.57 ng/ml



#32 AR-1260-2

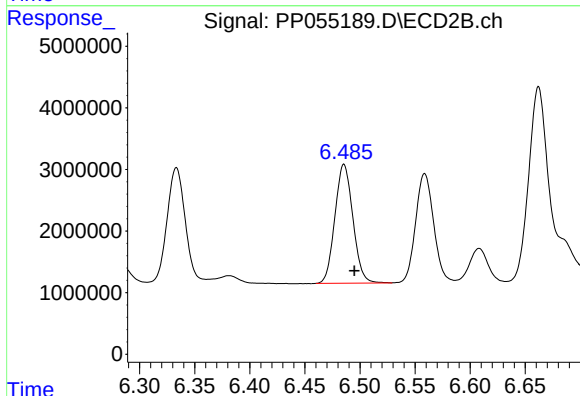
R.T.: 6.333 min
Delta R.T.: -0.008 min
Response: 21726310
Conc: 241.68 ng/ml



#33 AR-1260-3

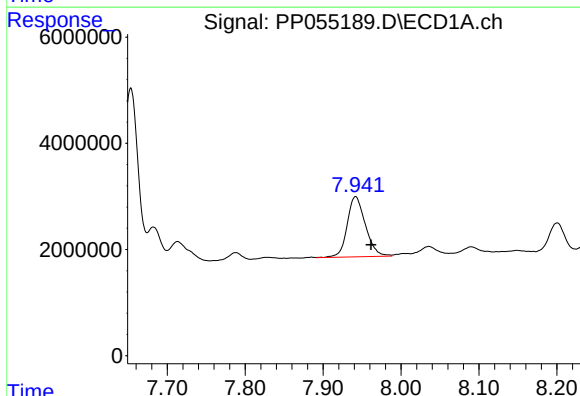
R.T.: 7.713 min
Delta R.T.: -0.021 min
Response: 6335992
Conc: 78.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



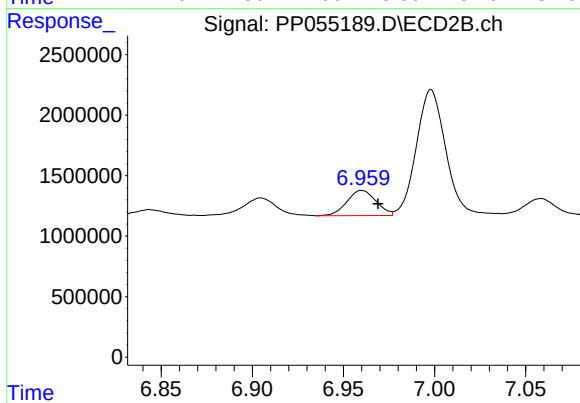
#33 AR-1260-3

R.T.: 6.486 min
Delta R.T.: -0.009 min
Response: 21927954
Conc: 258.25 ng/ml



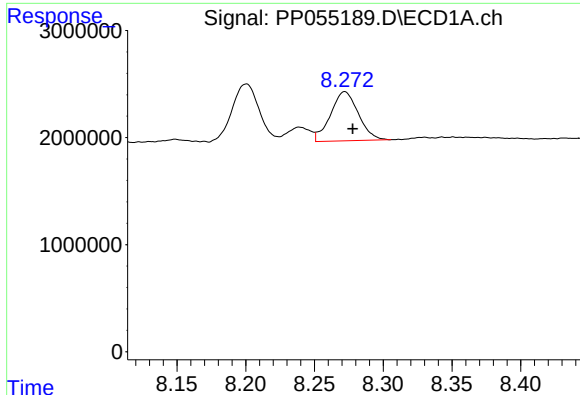
#34 AR-1260-4

R.T.: 7.942 min
Delta R.T.: -0.020 min
Response: 18455262
Conc: 190.11 ng/ml



#34 AR-1260-4

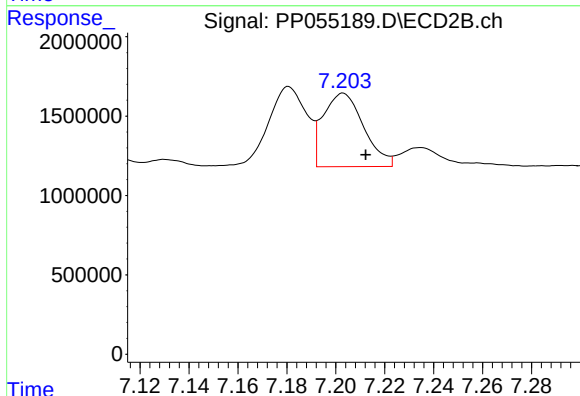
R.T.: 6.960 min
Delta R.T.: -0.009 min
Response: 2330616
Conc: 32.55 ng/ml



#35 AR-1260-5

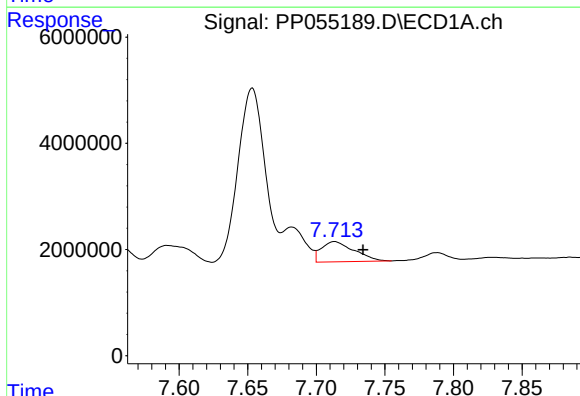
R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 6488167
Conc: 36.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



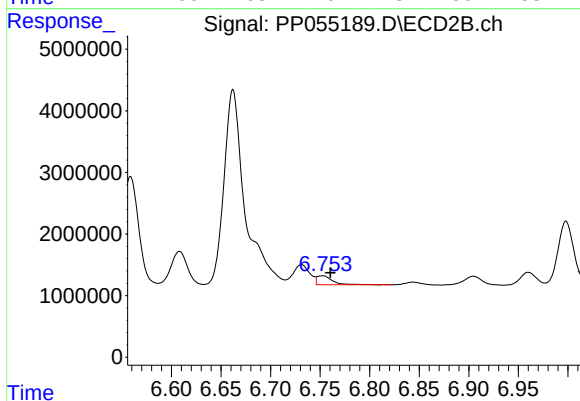
#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: -0.009 min
Response: 5316586
Conc: 34.58 ng/ml



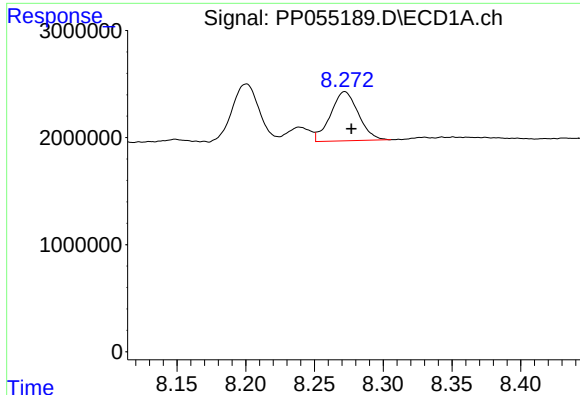
#36 AR-1262-1

R.T.: 7.713 min
Delta R.T.: -0.021 min
Response: 6335992
Conc: 53.70 ng/ml



#36 AR-1262-1

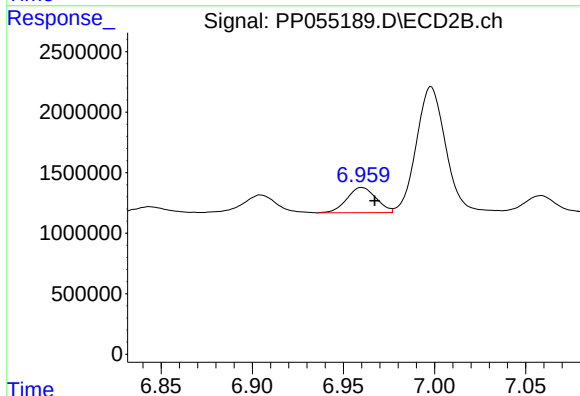
R.T.: 6.753 min
Delta R.T.: -0.008 min
Response: 1588910
Conc: 36.98 ng/ml



#37 AR-1262-2

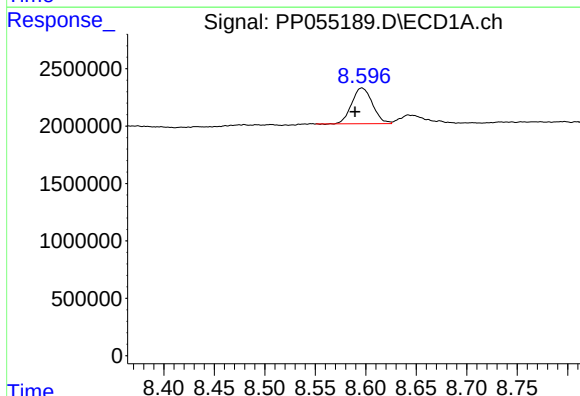
R.T.: 8.272 min
Delta R.T.: -0.005 min
Response: 6488167
Conc: 32.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



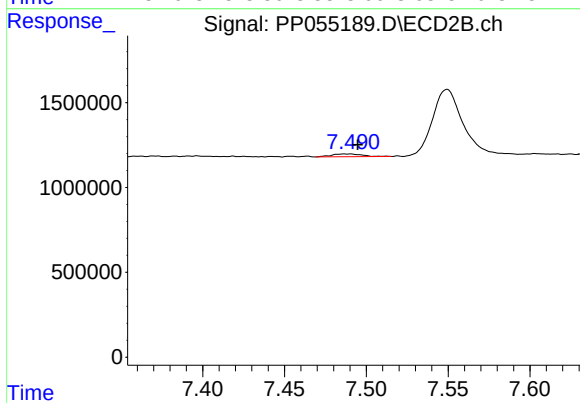
#37 AR-1262-2

R.T.: 6.960 min
Delta R.T.: -0.007 min
Response: 2330616
Conc: 25.16 ng/ml



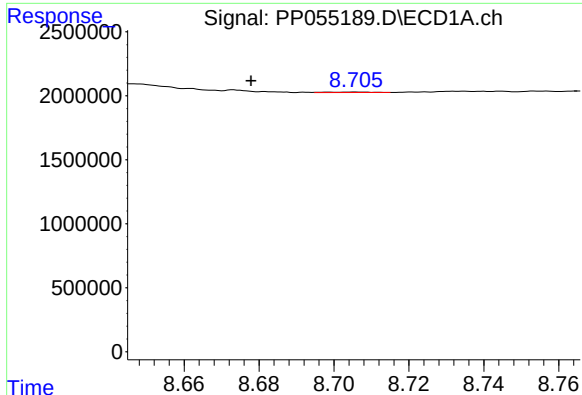
#38 AR-1262-3

R.T.: 8.596 min
Delta R.T.: 0.007 min
Response: 4463403
Conc: 32.09 ng/ml



#38 AR-1262-3

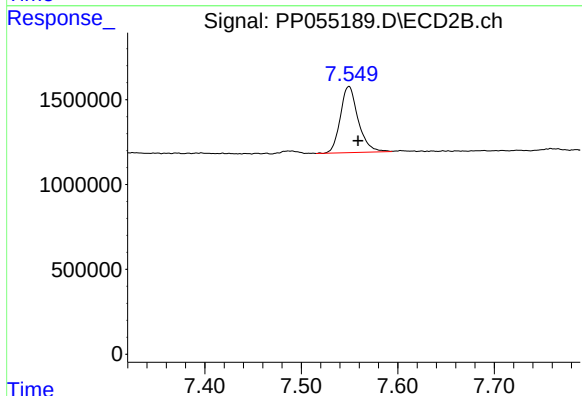
R.T.: 7.490 min
Delta R.T.: -0.005 min
Response: 208776
Conc: 2.87 ng/ml



#39 AR-1262-4

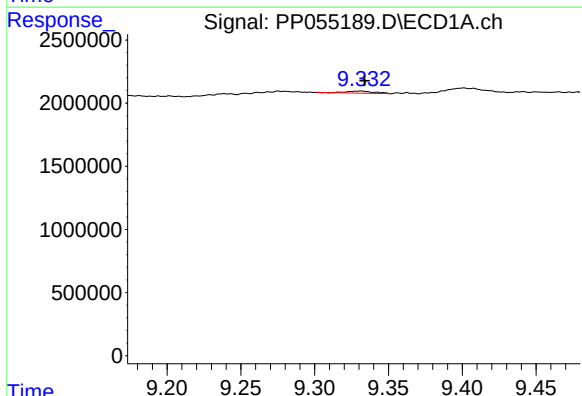
R.T.: 8.706 min
Delta R.T.: 0.028 min
Response: 29860
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



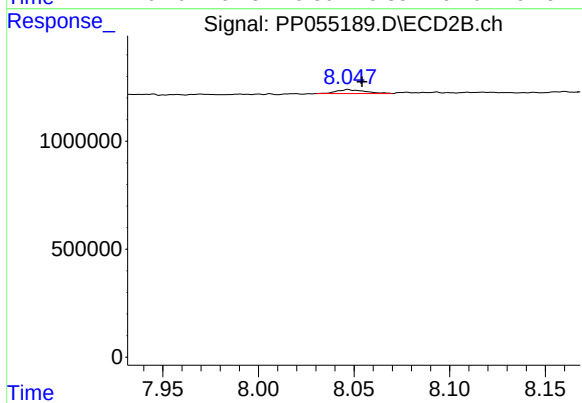
#39 AR-1262-4

R.T.: 7.549 min
Delta R.T.: -0.010 min
Response: 5025066
Conc: 38.42 ng/ml



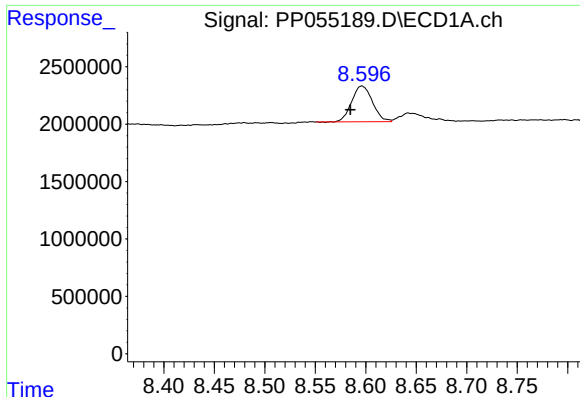
#40 AR-1262-5

R.T.: 9.331 min
Delta R.T.: -0.003 min
Response: 222931
Conc: 3.12 ng/ml



#40 AR-1262-5

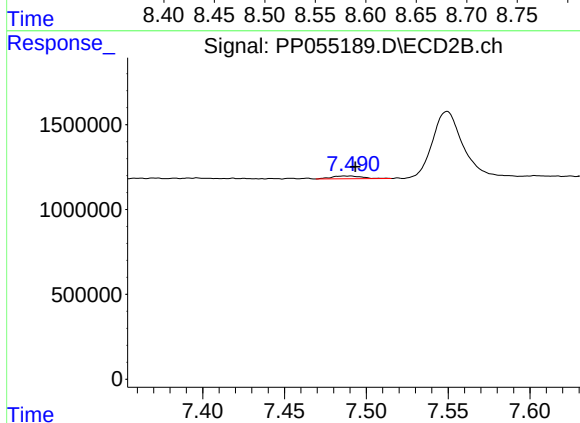
R.T.: 8.047 min
Delta R.T.: -0.007 min
Response: 189214
Conc: 3.19 ng/ml



#41 AR-1268-1

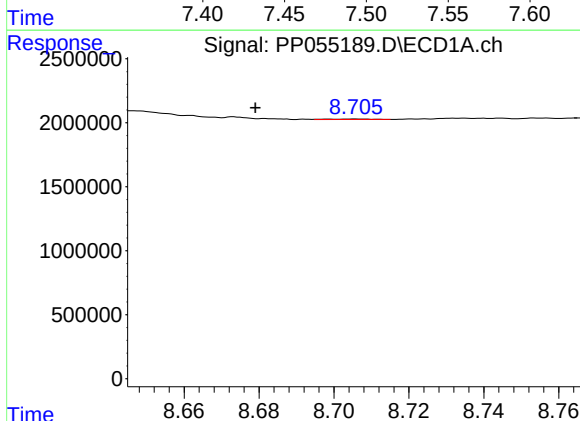
R.T.: 8.596 min
Delta R.T.: 0.011 min
Response: 4463403
Conc: 18.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



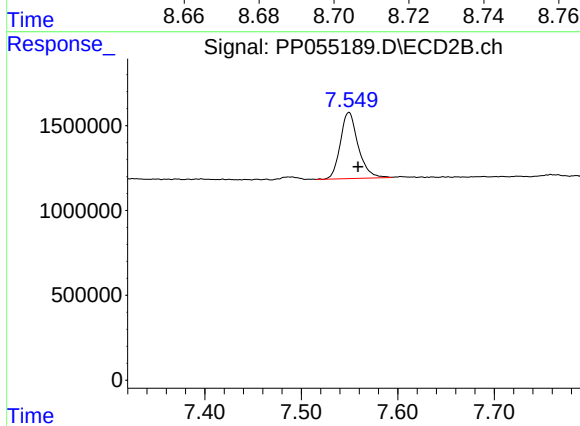
#41 AR-1268-1

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 208776
Conc: 0.97 ng/ml



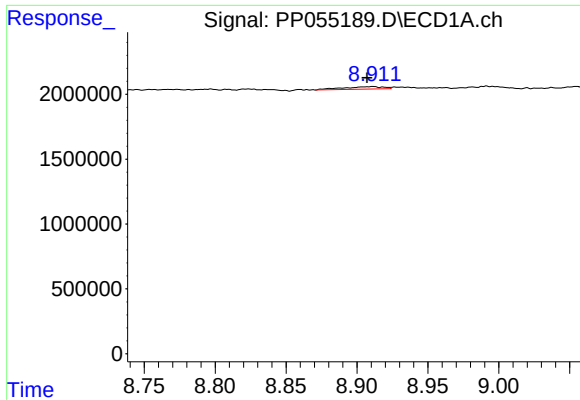
#42 AR-1268-2

R.T.: 8.706 min
Delta R.T.: 0.027 min
Response: 29860
Conc: 0.13 ng/ml



#42 AR-1268-2

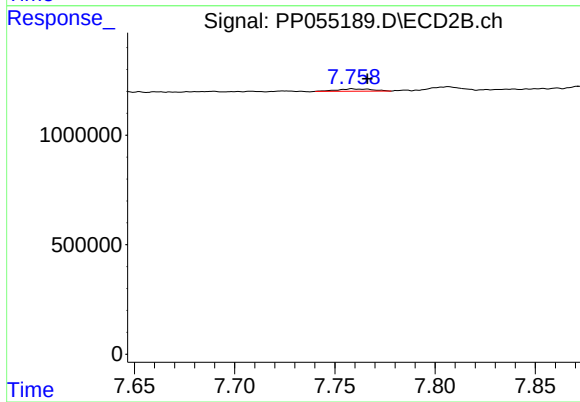
R.T.: 7.549 min
Delta R.T.: -0.010 min
Response: 5025066
Conc: 25.75 ng/ml



#43 AR-1268-3

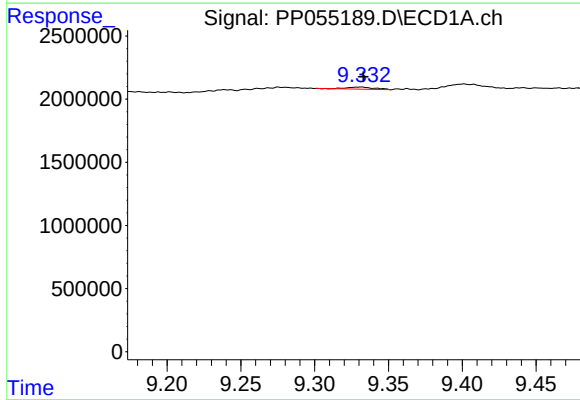
R.T.: 8.911 min
Delta R.T.: 0.004 min
Response: 383298
Conc: 1.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



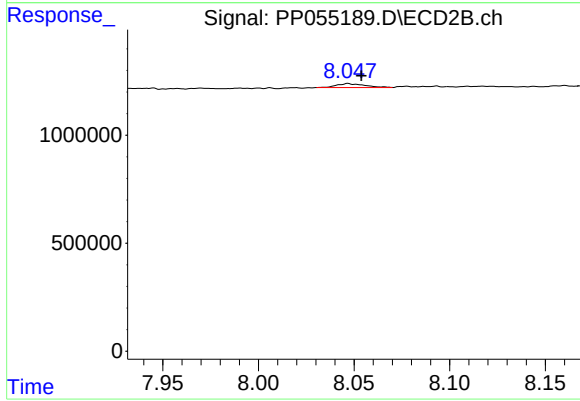
#43 AR-1268-3

R.T.: 7.759 min
Delta R.T.: -0.007 min
Response: 130145
Conc: 0.76 ng/ml



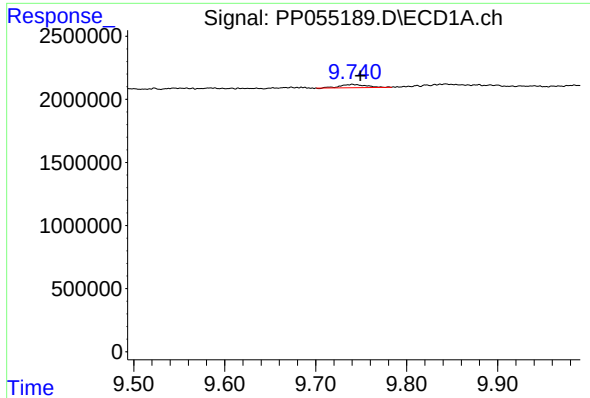
#44 AR-1268-4

R.T.: 9.331 min
Delta R.T.: -0.002 min
Response: 222931
Conc: 2.84 ng/ml



#44 AR-1268-4

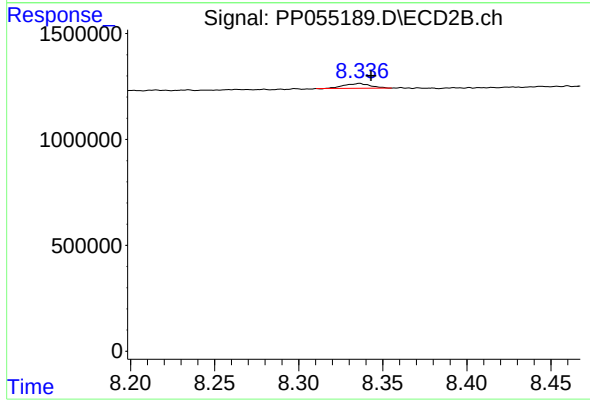
R.T.: 8.047 min
Delta R.T.: -0.007 min
Response: 189214
Conc: 2.97 ng/ml



#45 AR-1268-5

R.T.: 9.740 min
Delta R.T.: -0.009 min
Response: 496486
Conc: 0.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.336 min
Delta R.T.: -0.007 min
Response: 252782
Conc: 0.48 ng/ml