

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010621\
 Data File : PP032574.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Jan 2021 14:29
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 06 17:20:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 05 07:49:02 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.759	4.033	2893166	2485314	52.903	51.347
2)	SA Decachlor...	10.601	9.323	2221673	2162435	49.626	48.702
Target Compounds							
3)	L1 AR-1016-1	6.061	5.284	867190	817048	510.962	520.742
4)	L1 AR-1016-2	6.084	5.305	1304176	1172334	501.674	518.823
5)	L1 AR-1016-3	6.150	5.496	770618	643052	498.331	516.912
6)	L1 AR-1016-4	6.255	5.547	676924	462670	503.318	497.392
7)	L1 AR-1016-5	6.569	5.776	618323	607741	496.699	489.390
8)	L2 AR-1221-1	5.001	4.287	94219	74474	81.437	71.687
9)	L2 AR-1221-2	5.103	4.388	141280	113801	160.416	146.427
10)	L2 AR-1221-3	5.188	4.476	496406	432144	183.249	180.258
11)	L3 AR-1232-1	5.188	4.476	496406	432144	226.084	221.573
12)	L3 AR-1232-2	5.769	5.305	666755	1172334	596.056	616.797
13)	L3 AR-1232-3	6.061	5.496	867190	643052	396.419	608.223 #
14)	L3 AR-1232-4	6.255	5.592	676924	577289	603.774	665.865
15)	L3 AR-1232-5	6.355	5.776	474286	607741	700.335	635.735
16)	L4 AR-1242-1	6.061	5.284	867190	817048	616.974	646.348
17)	L4 AR-1242-2	6.084	5.305	1304176	1172334	614.163	648.303
18)	L4 AR-1242-3	6.150	5.496	770618	643052	601.689	639.575
19)	L4 AR-1242-4	6.255	5.592	676924	577289	608.523	621.197
20)	L4 AR-1242-5	7.032	6.154	87532	477745	76.578	420.662 #
21)	L5 AR-1248-1	6.061	5.284	867190	817048	799.080	861.383
22)	L5 AR-1248-2	6.355	5.547	474286	462670	339.182	358.485
23)	L5 AR-1248-3	6.569	5.592	618323	577289	352.795	419.816
24)	L5 AR-1248-4	6.994	5.776	101705	607741	52.654	367.688 #
25)	L5 AR-1248-5	7.032	6.199	87532	71359	45.143	43.818
26)	L6 AR-1254-1	6.964	6.154	451955	477745	226.881	190.281
27)	L6 AR-1254-2	7.193	6.314	483962	446517	159.748	208.359 #
28)	L6 AR-1254-3	7.572	6.710f	287457	186288	88.232	52.090 #
29)	L6 AR-1254-4	7.864	6.974	175731	83631	76.267	40.601 #
30)	L6 AR-1254-5	8.290	7.401	1672230	1626828	680.940	526.083
31)	L7 AR-1260-1	7.738	6.869	1096529	1130840	524.273	502.079
32)	L7 AR-1260-2	8.003	7.068	1359043	1351699	524.935	501.951
33)	L7 AR-1260-3	8.367	7.222	952816	1314661	443.675	501.335
34)	L7 AR-1260-4	8.595	7.704	1090580	973309	482.852	433.019
35)	L7 AR-1260-5	8.909	7.952	2297377	2335948	475.966	447.481
36)	L8 AR-1262-1	8.367	7.441	952816	1022315	274.615	297.870
37)	L8 AR-1262-2	8.909	7.952	2297377	2335948	397.977	405.347
38)	L8 AR-1262-3	9.219f	8.237	1505915	480663	373.216	194.951 #
39)	L8 AR-1262-4	9.272	8.300	909660	1738436	275.408	393.013 #
40)	L8 AR-1262-5	9.910	8.799	619135	549034	299.227	278.127
41)	L9 AR-1268-1	9.219f	8.237	1505915	480663	195.947	66.713 #

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 Data File : PP032574.D
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 Acq On : 06 Jan 2021 14:29
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

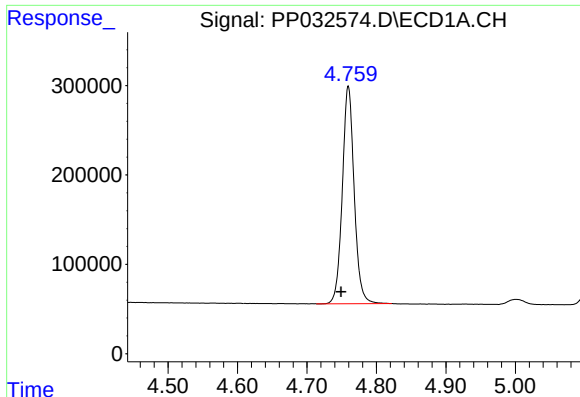
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 06 17:20:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010421.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	9.272	8.300	909660	1738436	127.627	254.260 #
43) L9	AR-1268-3	9.503	8.506	81373	58307	12.687	9.453 #
44) L9	AR-1268-4	9.910	8.799	619135	549034	269.657	255.437
45) L9	AR-1268-5	10.293f	9.081	241704	237684	13.688	13.349

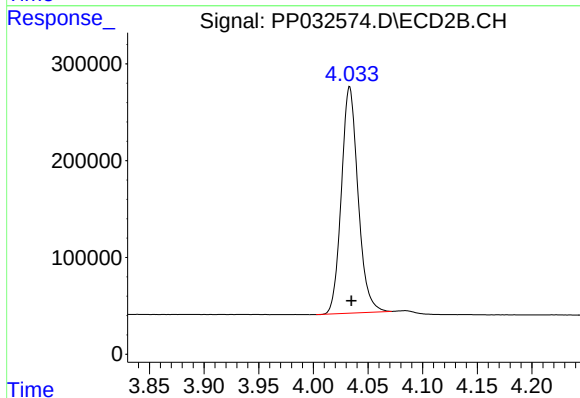
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

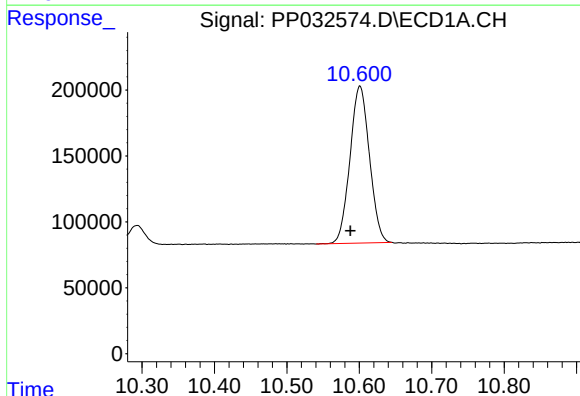
R.T.: 4.759 min
Delta R.T.: 0.010 min
Response: 2893166
Conc: 52.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



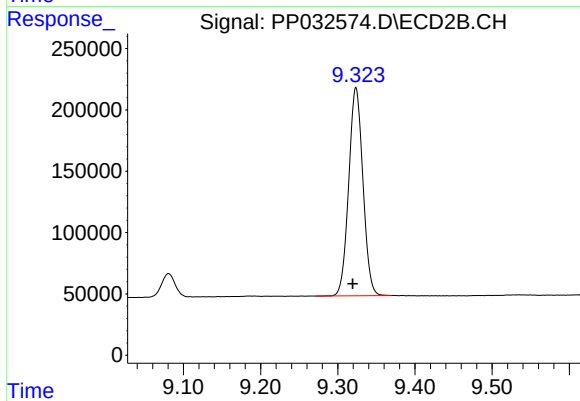
#1 Tetrachloro-m-xylene

R.T.: 4.033 min
Delta R.T.: -0.002 min
Response: 2485314
Conc: 51.35 ng/ml



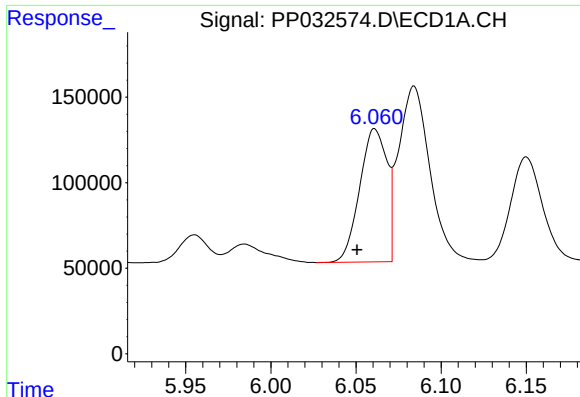
#2 Decachlorobiphenyl

R.T.: 10.601 min
Delta R.T.: 0.013 min
Response: 2221673
Conc: 49.63 ng/ml



#2 Decachlorobiphenyl

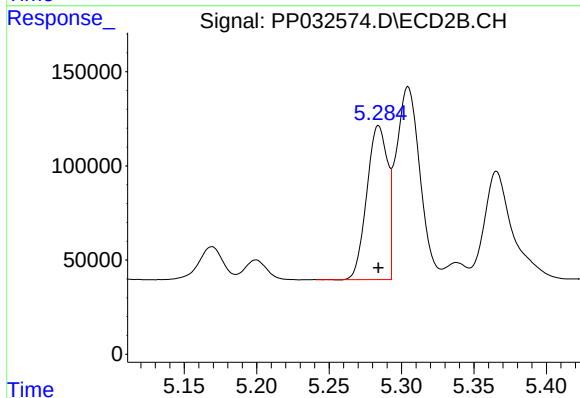
R.T.: 9.323 min
Delta R.T.: 0.004 min
Response: 2162435
Conc: 48.70 ng/ml



#3 AR-1016-1

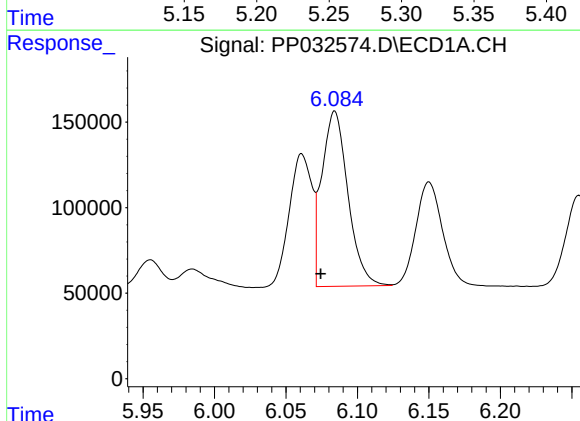
R.T.: 6.061 min
Delta R.T.: 0.010 min
Response: 867190
Conc: 510.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



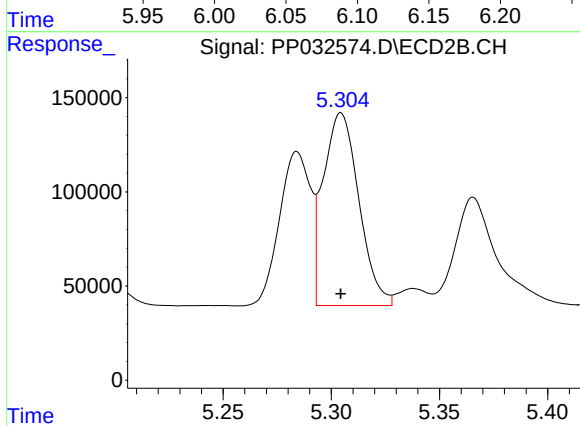
#3 AR-1016-1

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 817048
Conc: 520.74 ng/ml



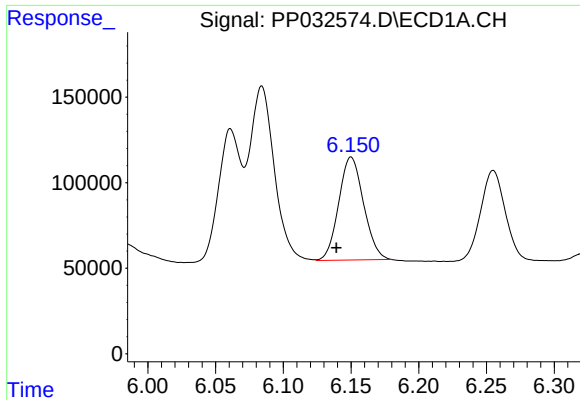
#4 AR-1016-2

R.T.: 6.084 min
Delta R.T.: 0.010 min
Response: 1304176
Conc: 501.67 ng/ml



#4 AR-1016-2

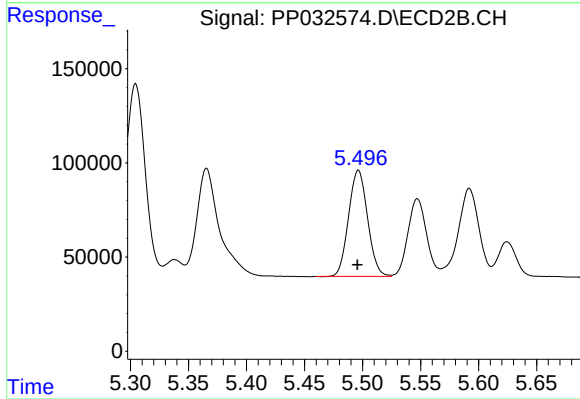
R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 1172334
Conc: 518.82 ng/ml



#5 AR-1016-3

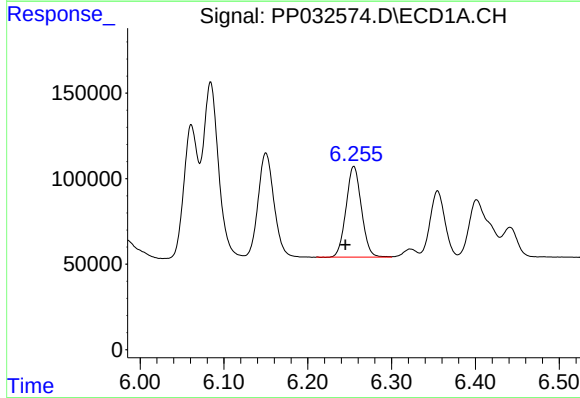
R.T.: 6.150 min
Delta R.T.: 0.011 min
Response: 770618
Conc: 498.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



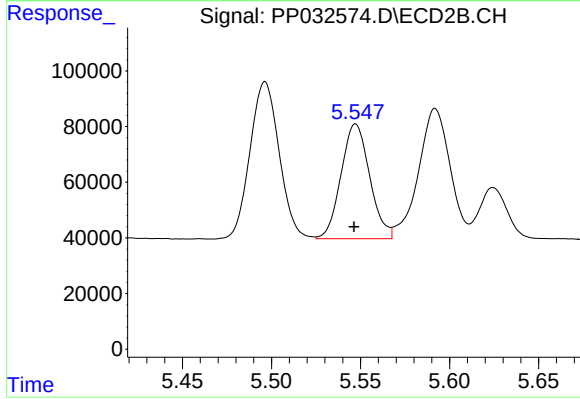
#5 AR-1016-3

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 643052
Conc: 516.91 ng/ml



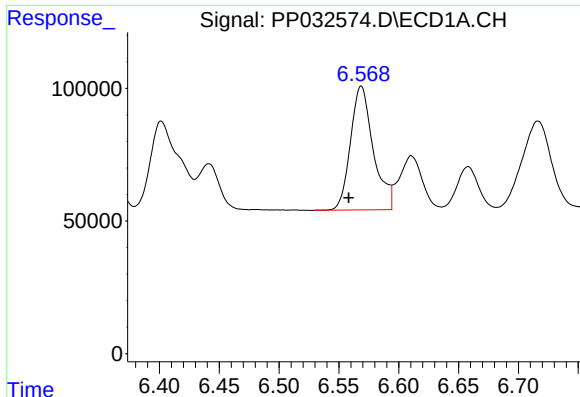
#6 AR-1016-4

R.T.: 6.255 min
Delta R.T.: 0.010 min
Response: 676924
Conc: 503.32 ng/ml



#6 AR-1016-4

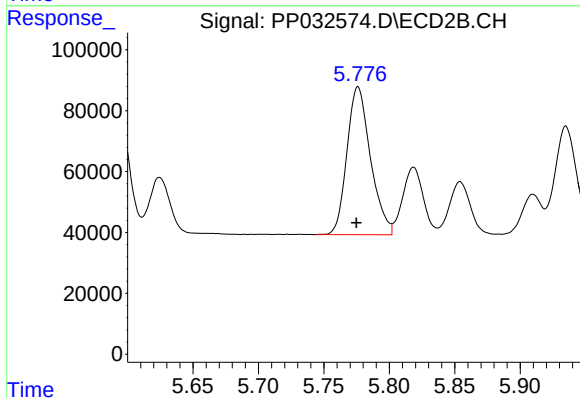
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 462670
Conc: 497.39 ng/ml



#7 AR-1016-5

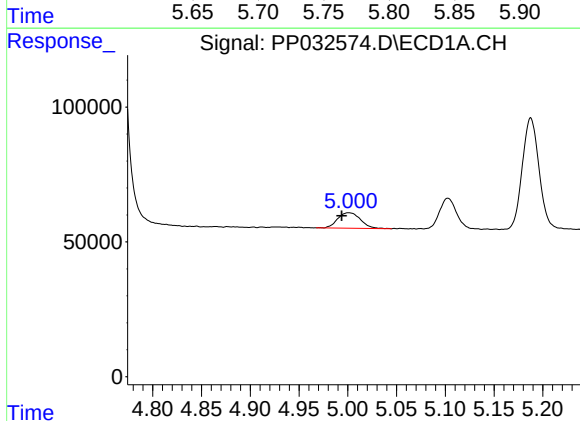
R.T.: 6.569 min
Delta R.T.: 0.010 min
Response: 618323
Conc: 496.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



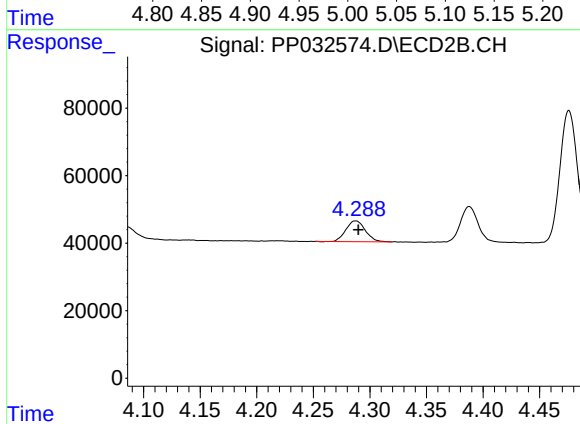
#7 AR-1016-5

R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 607741
Conc: 489.39 ng/ml



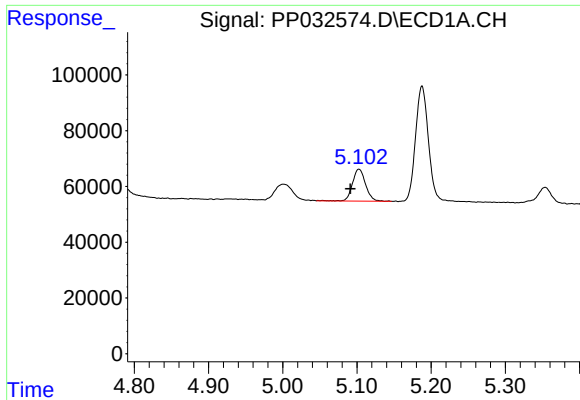
#8 AR-1221-1

R.T.: 5.001 min
Delta R.T.: 0.007 min
Response: 94219
Conc: 81.44 ng/ml



#8 AR-1221-1

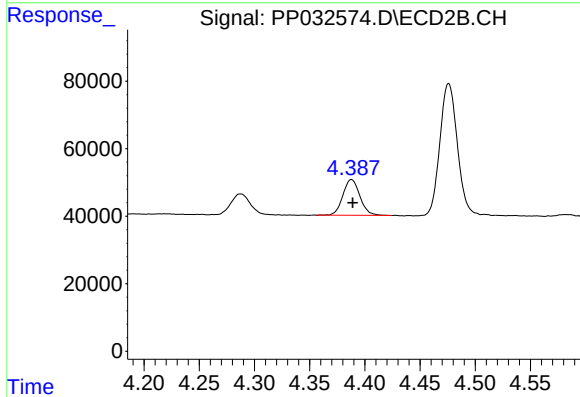
R.T.: 4.287 min
Delta R.T.: -0.002 min
Response: 74474
Conc: 71.69 ng/ml



#9 AR-1221-2

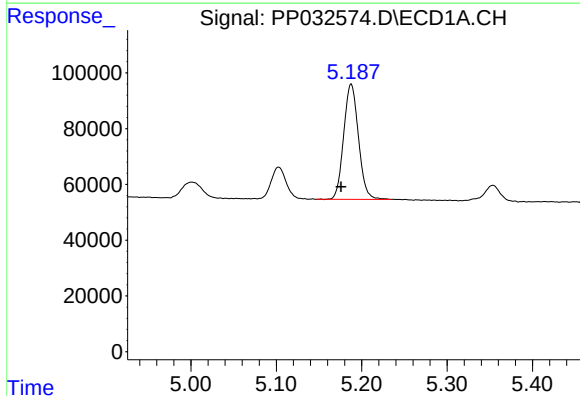
R.T.: 5.103 min
Delta R.T.: 0.012 min
Response: 141280
Conc: 160.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



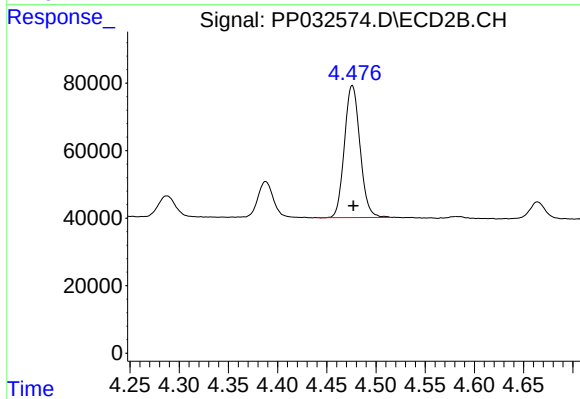
#9 AR-1221-2

R.T.: 4.388 min
Delta R.T.: -0.001 min
Response: 113801
Conc: 146.43 ng/ml



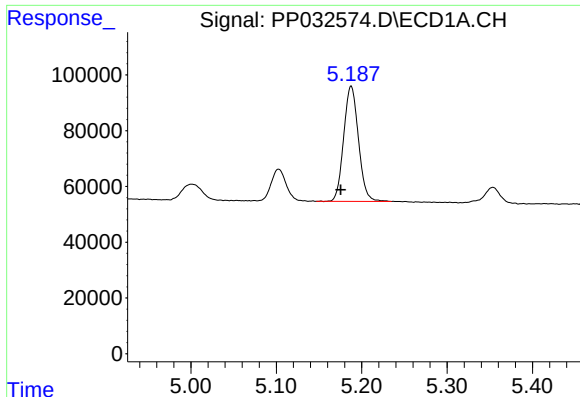
#10 AR-1221-3

R.T.: 5.188 min
Delta R.T.: 0.012 min
Response: 496406
Conc: 183.25 ng/ml



#10 AR-1221-3

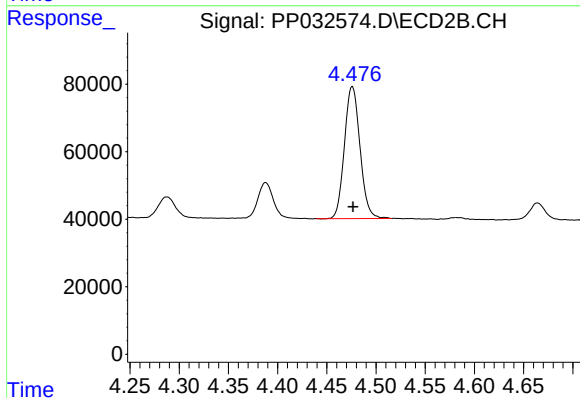
R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 432144
Conc: 180.26 ng/ml



#11 AR-1232-1

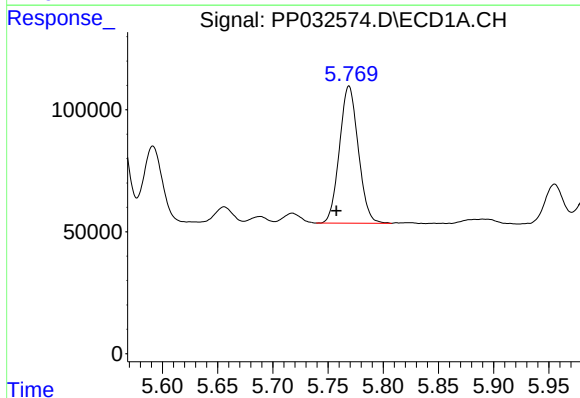
R.T.: 5.188 min
Delta R.T.: 0.012 min
Response: 496406
Conc: 226.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



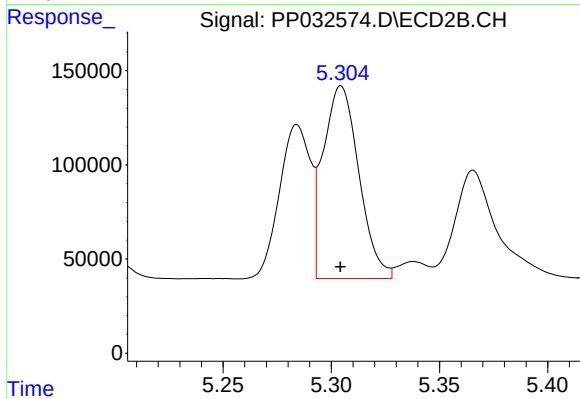
#11 AR-1232-1

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 432144
Conc: 221.57 ng/ml



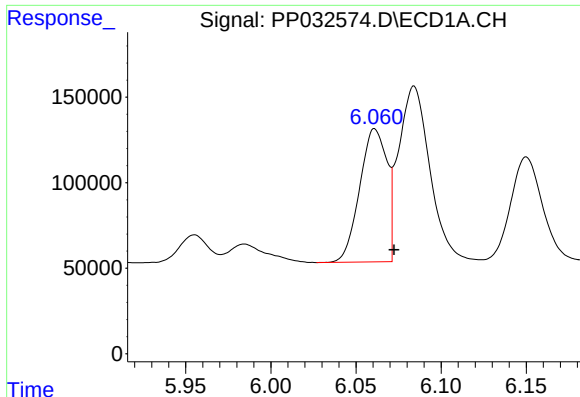
#12 AR-1232-2

R.T.: 5.769 min
Delta R.T.: 0.011 min
Response: 666755
Conc: 596.06 ng/ml



#12 AR-1232-2

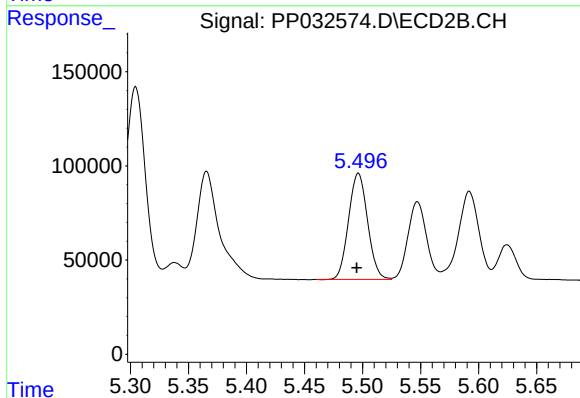
R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 1172334
Conc: 616.80 ng/ml



#13 AR-1232-3

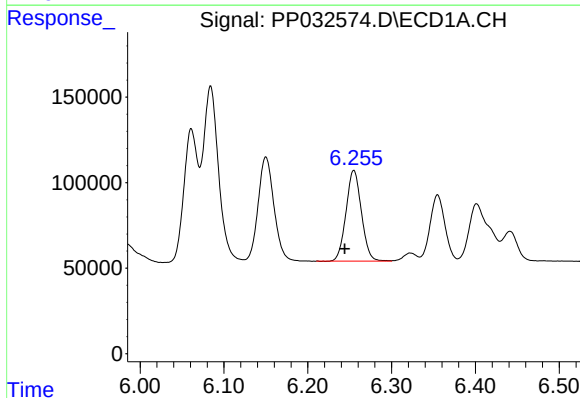
R.T.: 6.061 min
Delta R.T.: -0.011 min
Response: 867190
Conc: 396.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



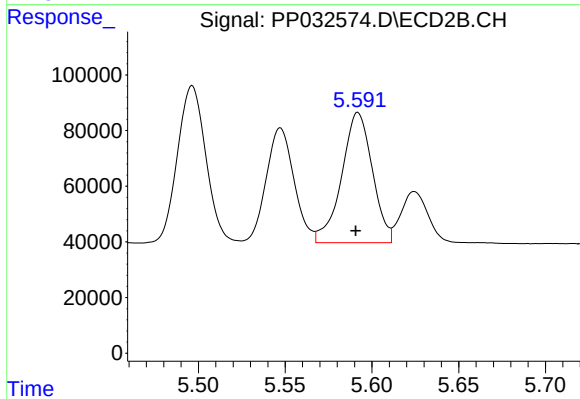
#13 AR-1232-3

R.T.: 5.496 min
Delta R.T.: 0.002 min
Response: 643052
Conc: 608.22 ng/ml



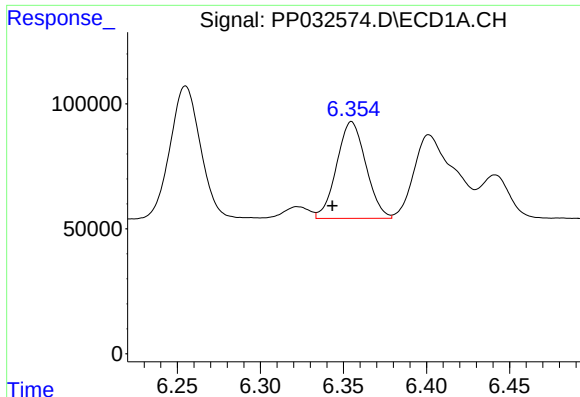
#14 AR-1232-4

R.T.: 6.255 min
Delta R.T.: 0.011 min
Response: 676924
Conc: 603.77 ng/ml



#14 AR-1232-4

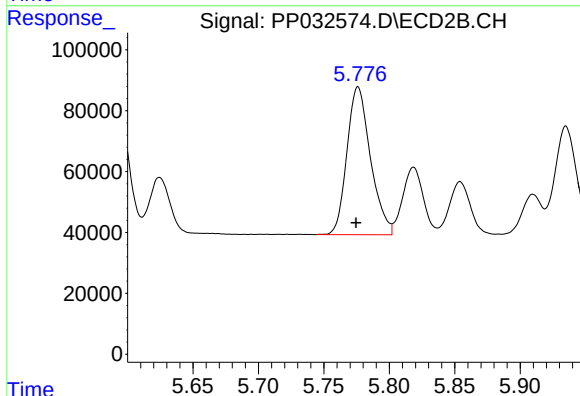
R.T.: 5.592 min
Delta R.T.: 0.001 min
Response: 577289
Conc: 665.87 ng/ml



#15 AR-1232-5

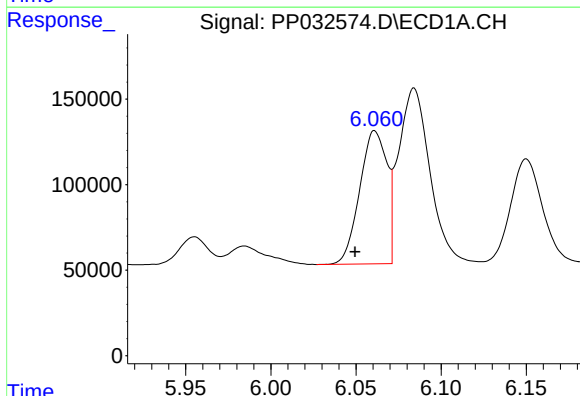
R.T.: 6.355 min
Delta R.T.: 0.011 min
Response: 474286
Conc: 700.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



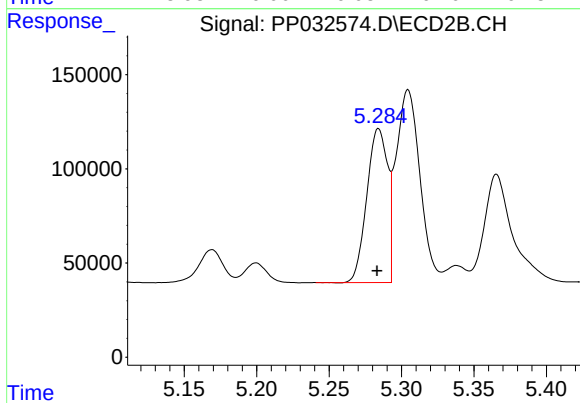
#15 AR-1232-5

R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 607741
Conc: 635.73 ng/ml



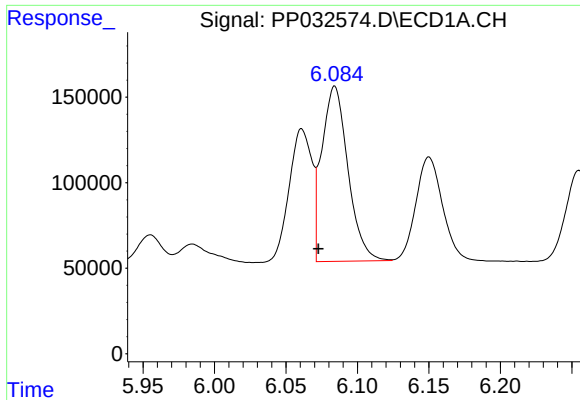
#16 AR-1242-1

R.T.: 6.061 min
Delta R.T.: 0.011 min
Response: 867190
Conc: 616.97 ng/ml



#16 AR-1242-1

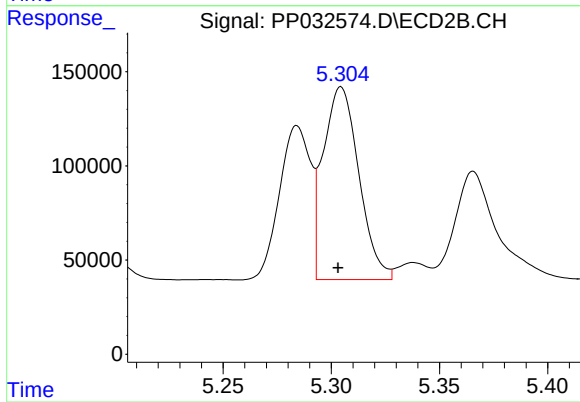
R.T.: 5.284 min
Delta R.T.: 0.001 min
Response: 817048
Conc: 646.35 ng/ml



#17 AR-1242-2

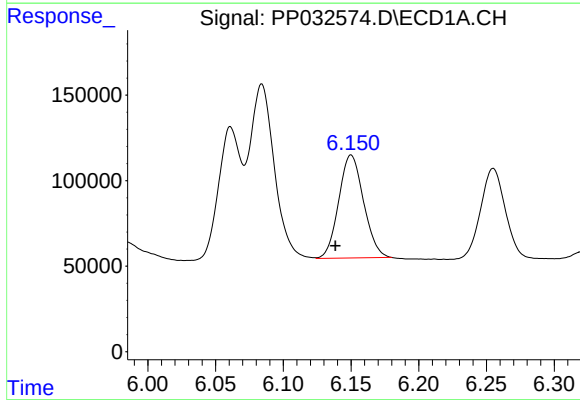
R.T.: 6.084 min
Delta R.T.: 0.011 min
Response: 1304176
Conc: 614.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



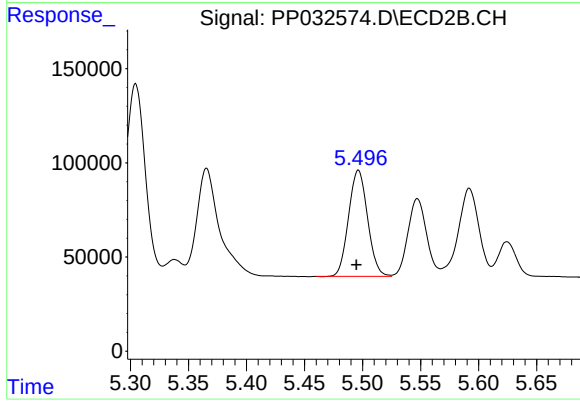
#17 AR-1242-2

R.T.: 5.305 min
Delta R.T.: 0.001 min
Response: 1172334
Conc: 648.30 ng/ml



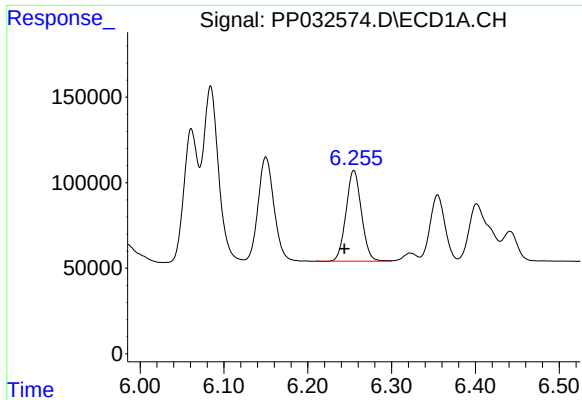
#18 AR-1242-3

R.T.: 6.150 min
Delta R.T.: 0.012 min
Response: 770618
Conc: 601.69 ng/ml



#18 AR-1242-3

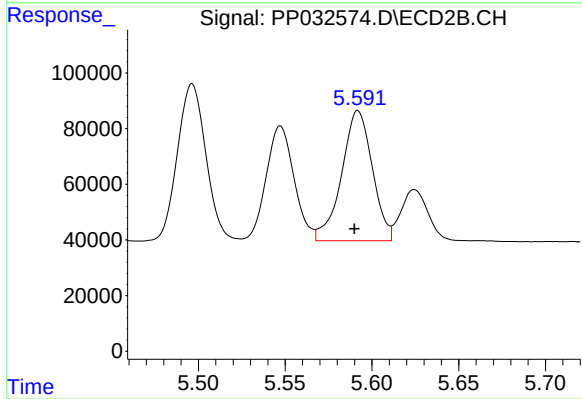
R.T.: 5.496 min
Delta R.T.: 0.002 min
Response: 643052
Conc: 639.57 ng/ml



#19 AR-1242-4

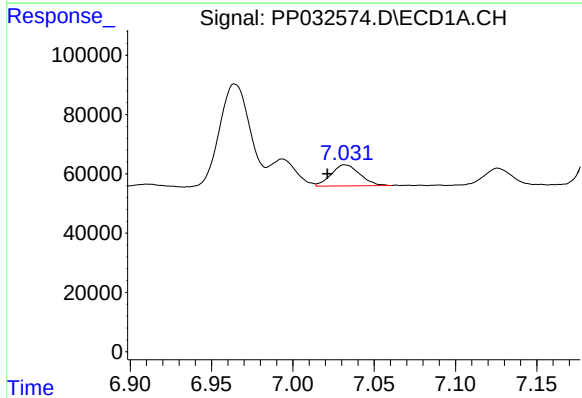
R.T.: 6.255 min
Delta R.T.: 0.011 min
Response: 676924
Conc: 608.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



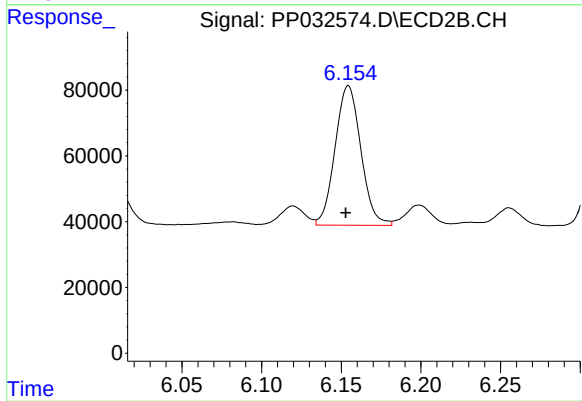
#19 AR-1242-4

R.T.: 5.592 min
Delta R.T.: 0.002 min
Response: 577289
Conc: 621.20 ng/ml



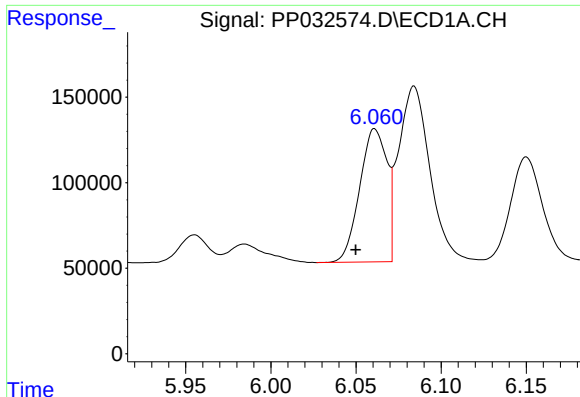
#20 AR-1242-5

R.T.: 7.032 min
Delta R.T.: 0.011 min
Response: 87532
Conc: 76.58 ng/ml



#20 AR-1242-5

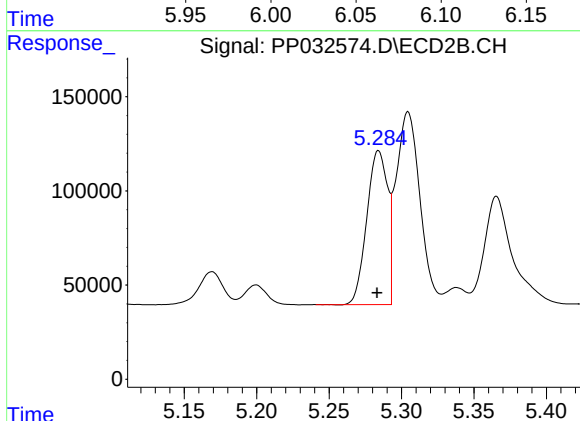
R.T.: 6.154 min
Delta R.T.: 0.002 min
Response: 477745
Conc: 420.66 ng/ml



#21 AR-1248-1

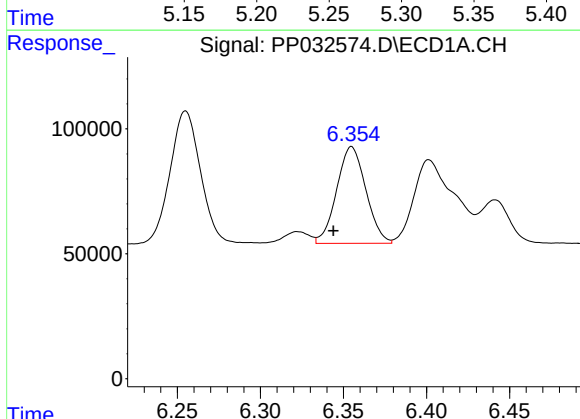
R.T.: 6.061 min
Delta R.T.: 0.011 min
Response: 867190
Conc: 799.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



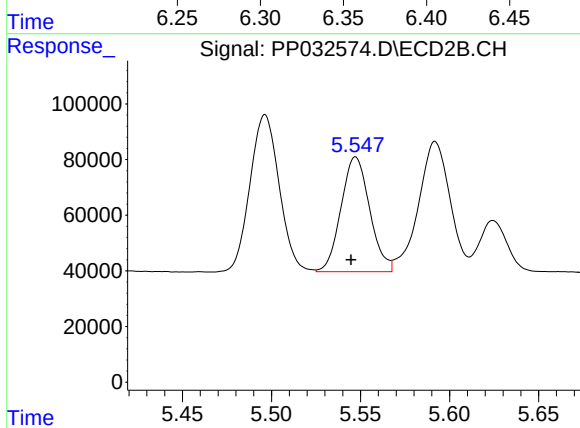
#21 AR-1248-1

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 817048
Conc: 861.38 ng/ml



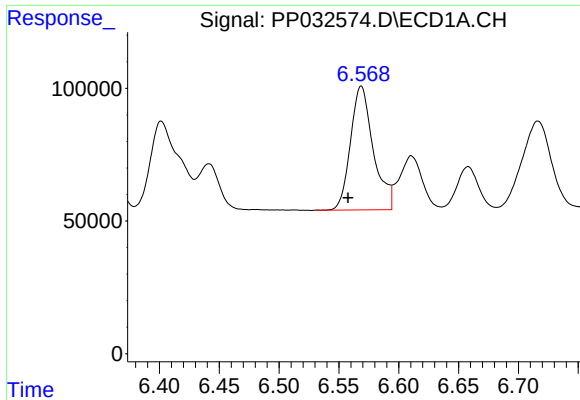
#22 AR-1248-2

R.T.: 6.355 min
Delta R.T.: 0.011 min
Response: 474286
Conc: 339.18 ng/ml



#22 AR-1248-2

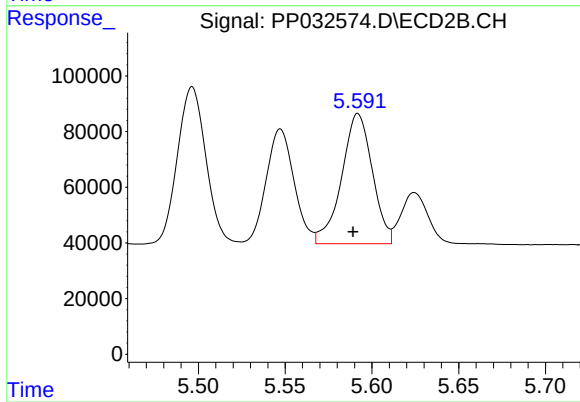
R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 462670
Conc: 358.48 ng/ml



#23 AR-1248-3

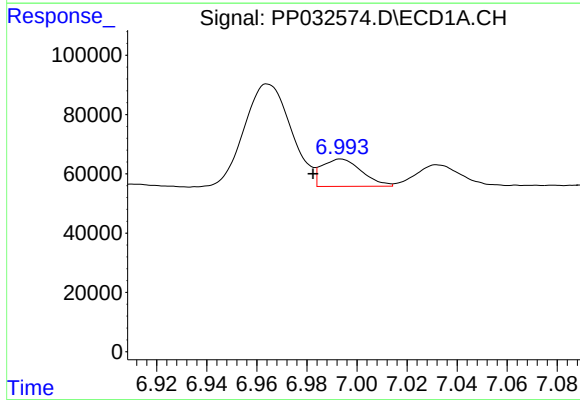
R.T.: 6.569 min
Delta R.T.: 0.011 min
Response: 618323
Conc: 352.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



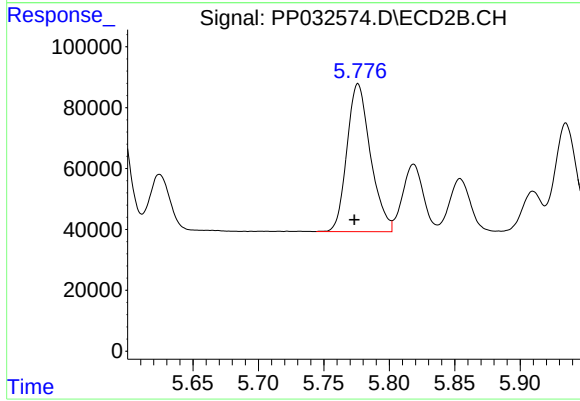
#23 AR-1248-3

R.T.: 5.592 min
Delta R.T.: 0.003 min
Response: 577289
Conc: 419.82 ng/ml



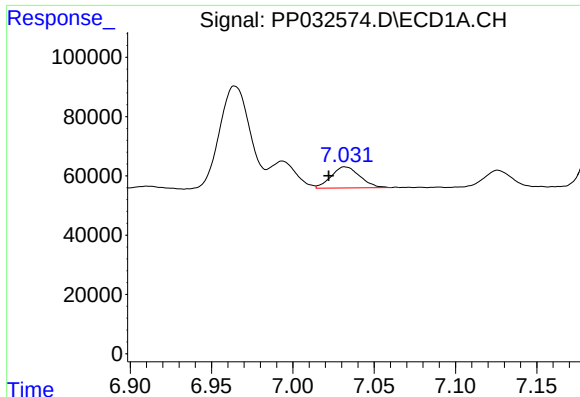
#24 AR-1248-4

R.T.: 6.994 min
Delta R.T.: 0.011 min
Response: 101705
Conc: 52.65 ng/ml



#24 AR-1248-4

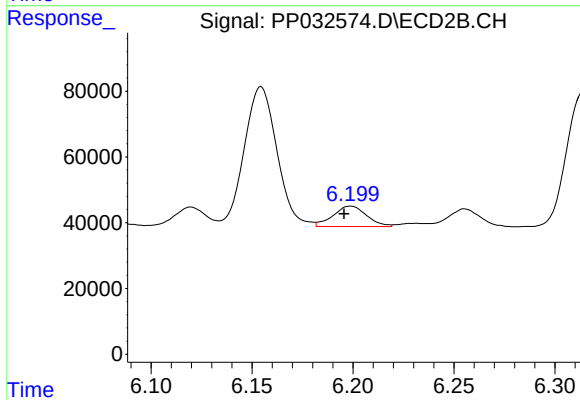
R.T.: 5.776 min
Delta R.T.: 0.003 min
Response: 607741
Conc: 367.69 ng/ml



#25 AR-1248-5

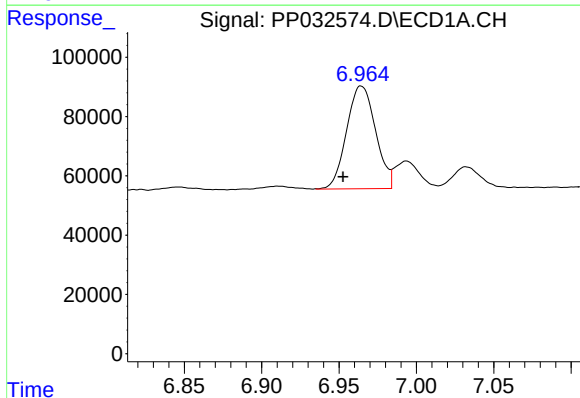
R.T.: 7.032 min
Delta R.T.: 0.010 min
Response: 87532
Conc: 45.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



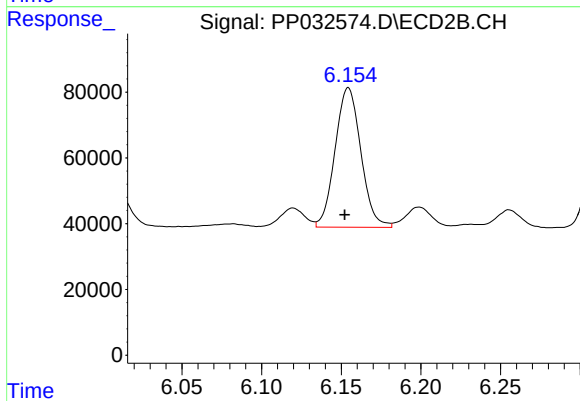
#25 AR-1248-5

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 71359
Conc: 43.82 ng/ml



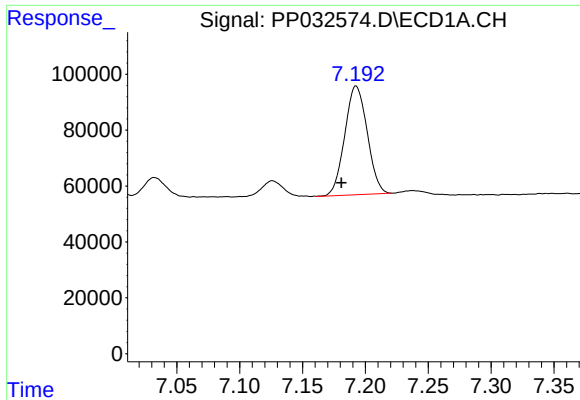
#26 AR-1254-1

R.T.: 6.964 min
Delta R.T.: 0.012 min
Response: 451955
Conc: 226.88 ng/ml



#26 AR-1254-1

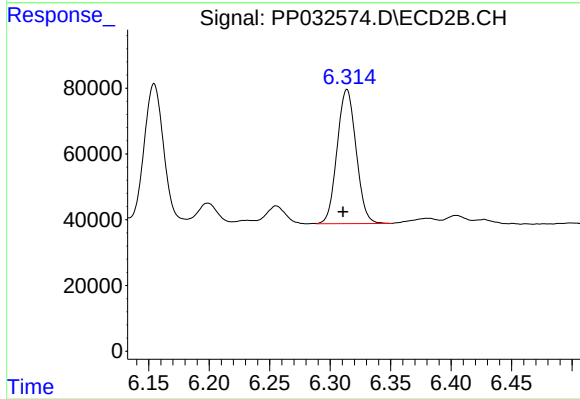
R.T.: 6.154 min
Delta R.T.: 0.002 min
Response: 477745
Conc: 190.28 ng/ml



#27 AR-1254-2

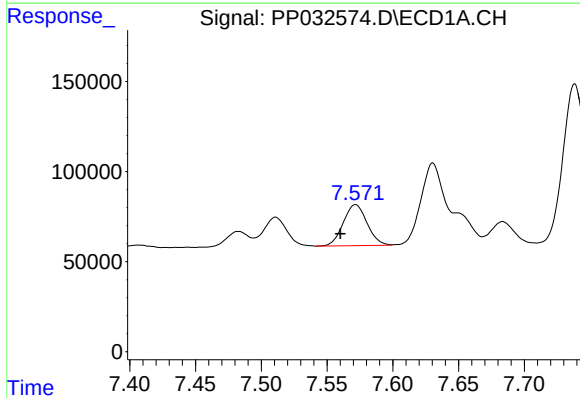
R.T.: 7.193 min
Delta R.T.: 0.012 min
Response: 483962
Conc: 159.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



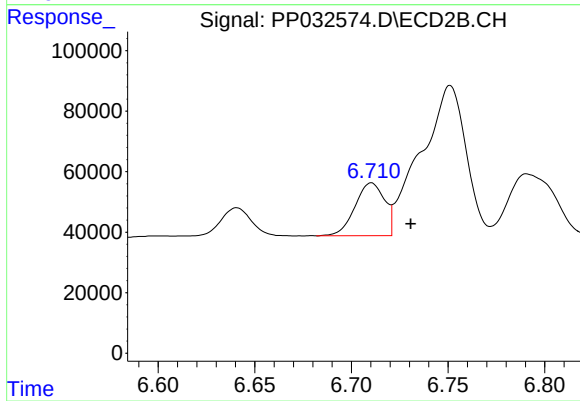
#27 AR-1254-2

R.T.: 6.314 min
Delta R.T.: 0.003 min
Response: 446517
Conc: 208.36 ng/ml



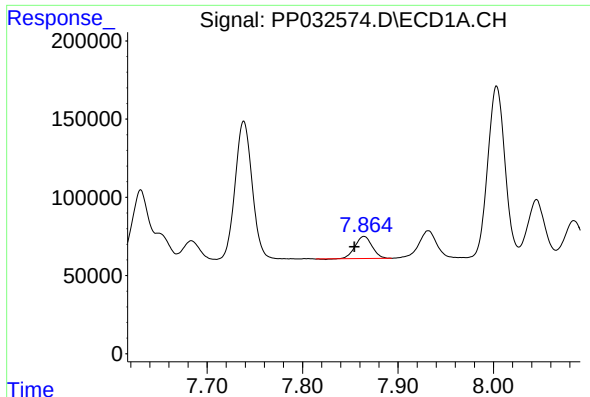
#28 AR-1254-3

R.T.: 7.572 min
Delta R.T.: 0.011 min
Response: 287457
Conc: 88.23 ng/ml



#28 AR-1254-3

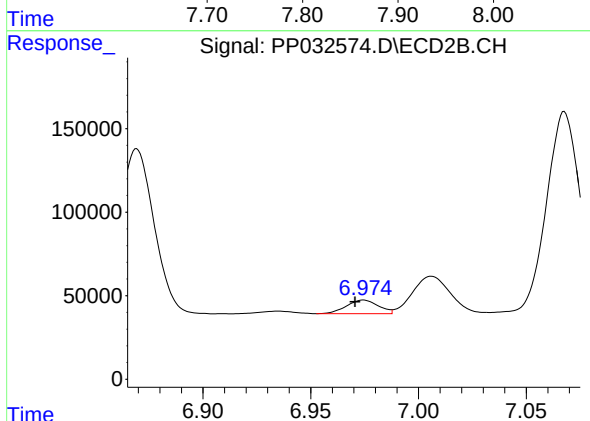
R.T.: 6.710 min
Delta R.T.: -0.020 min
Response: 186288
Conc: 52.09 ng/ml



#29 AR-1254-4

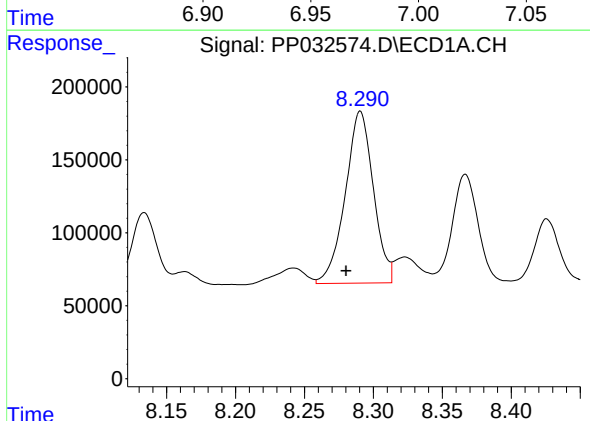
R.T.: 7.864 min
Delta R.T.: 0.010 min
Response: 175731
Conc: 76.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



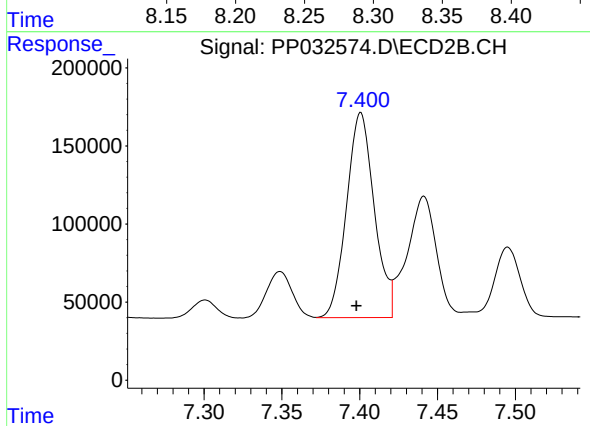
#29 AR-1254-4

R.T.: 6.974 min
Delta R.T.: 0.004 min
Response: 83631
Conc: 40.60 ng/ml



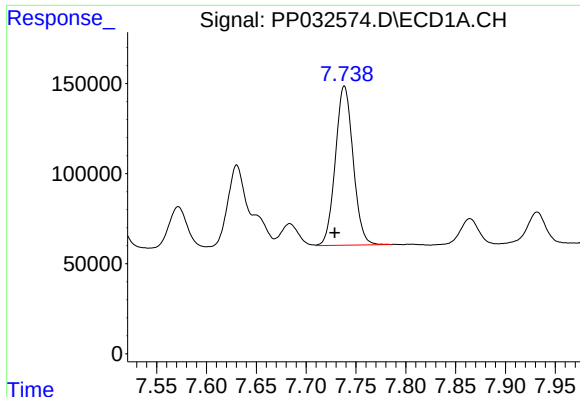
#30 AR-1254-5

R.T.: 8.290 min
Delta R.T.: 0.010 min
Response: 1672230
Conc: 680.94 ng/ml



#30 AR-1254-5

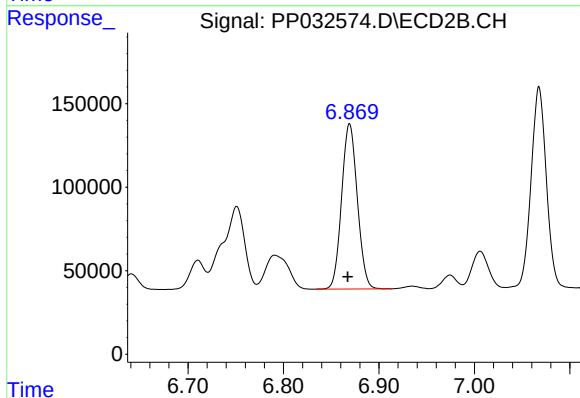
R.T.: 7.401 min
Delta R.T.: 0.003 min
Response: 1626828
Conc: 526.08 ng/ml



#31 AR-1260-1

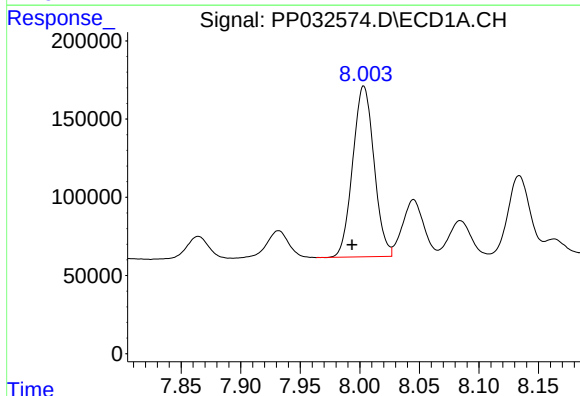
R.T.: 7.738 min
Delta R.T.: 0.010 min
Response: 1096529
Conc: 524.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



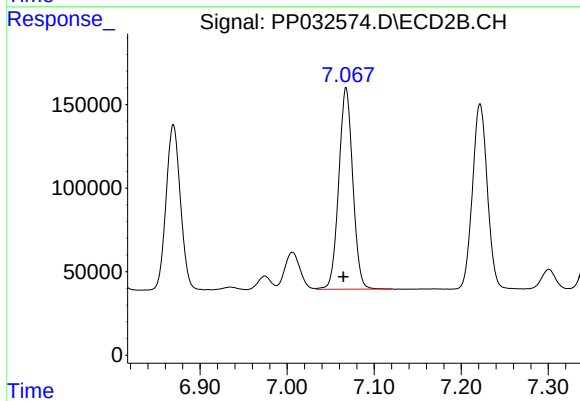
#31 AR-1260-1

R.T.: 6.869 min
Delta R.T.: 0.002 min
Response: 1130840
Conc: 502.08 ng/ml



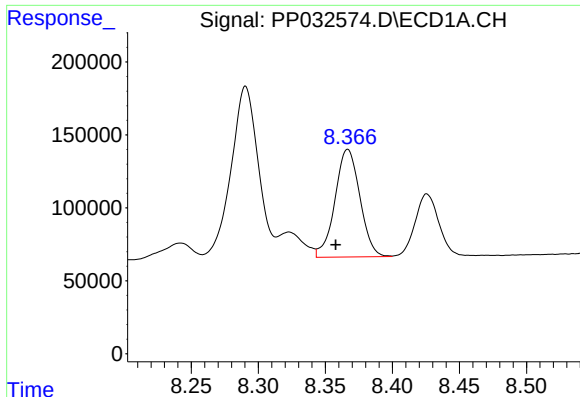
#32 AR-1260-2

R.T.: 8.003 min
Delta R.T.: 0.010 min
Response: 1359043
Conc: 524.94 ng/ml



#32 AR-1260-2

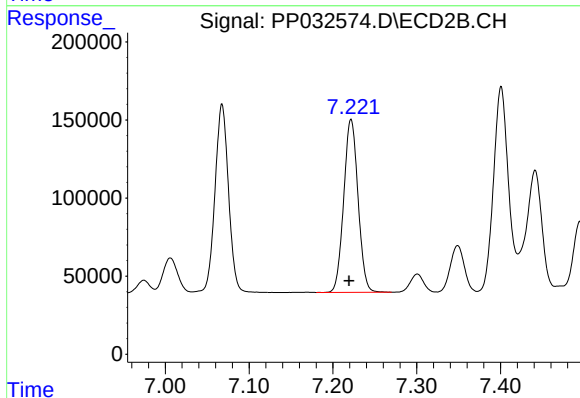
R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 1351699
Conc: 501.95 ng/ml



#33 AR-1260-3

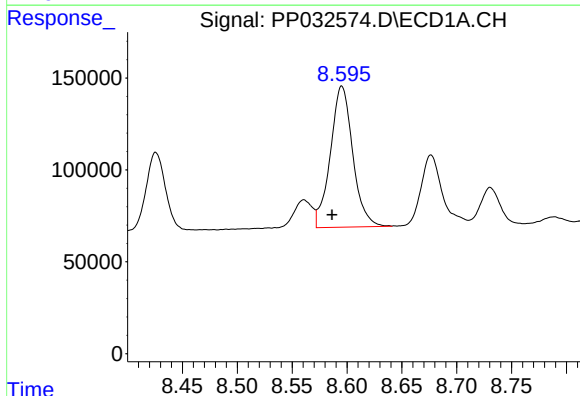
R.T.: 8.367 min
Delta R.T.: 0.009 min
Response: 952816
Conc: 443.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



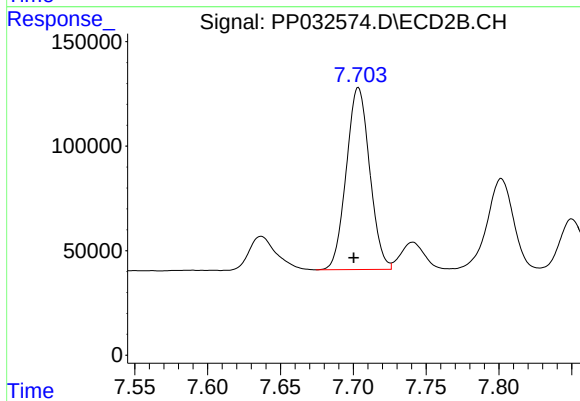
#33 AR-1260-3

R.T.: 7.222 min
Delta R.T.: 0.002 min
Response: 1314661
Conc: 501.34 ng/ml



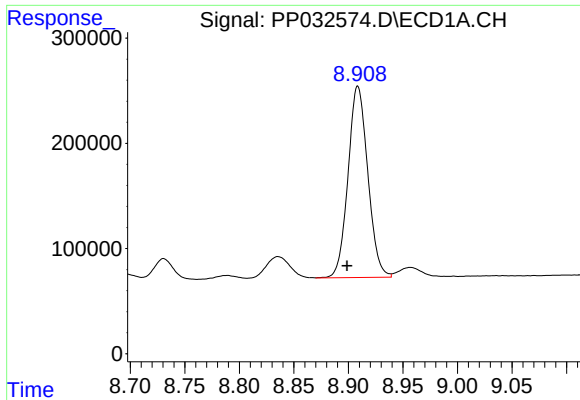
#34 AR-1260-4

R.T.: 8.595 min
Delta R.T.: 0.009 min
Response: 1090580
Conc: 482.85 ng/ml



#34 AR-1260-4

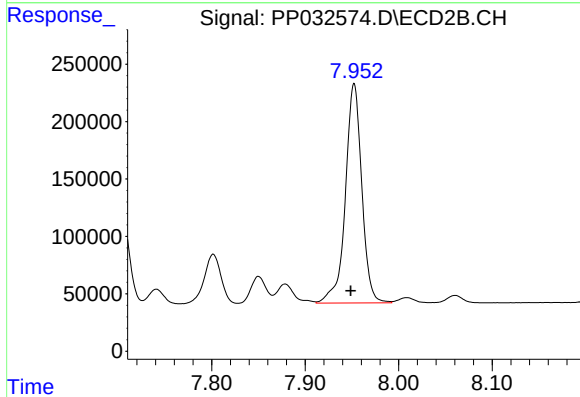
R.T.: 7.704 min
Delta R.T.: 0.003 min
Response: 973309
Conc: 433.02 ng/ml



#35 AR-1260-5

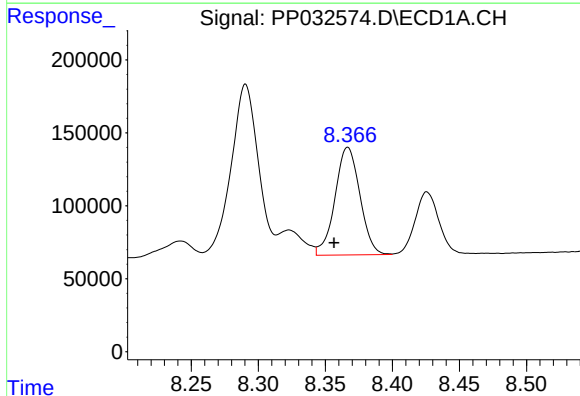
R.T.: 8.909 min
Delta R.T.: 0.010 min
Response: 2297377
Conc: 475.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



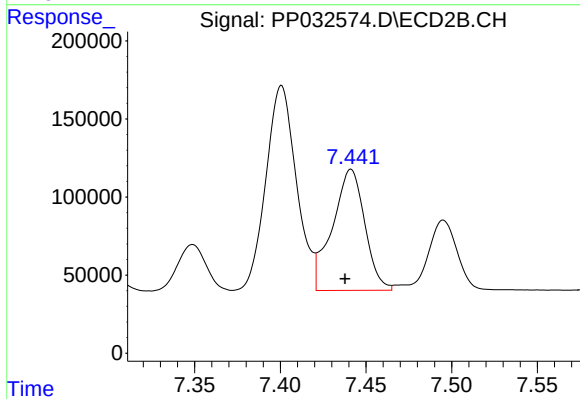
#35 AR-1260-5

R.T.: 7.952 min
Delta R.T.: 0.004 min
Response: 2335948
Conc: 447.48 ng/ml



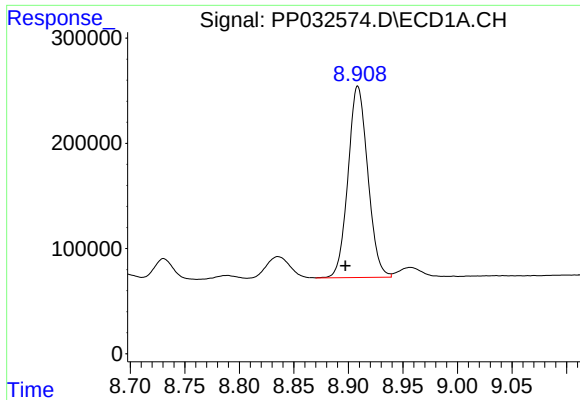
#36 AR-1262-1

R.T.: 8.367 min
Delta R.T.: 0.010 min
Response: 952816
Conc: 274.61 ng/ml



#36 AR-1262-1

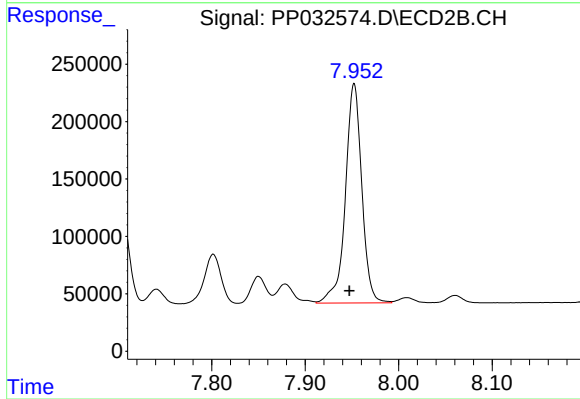
R.T.: 7.441 min
Delta R.T.: 0.003 min
Response: 1022315
Conc: 297.87 ng/ml



#37 AR-1262-2

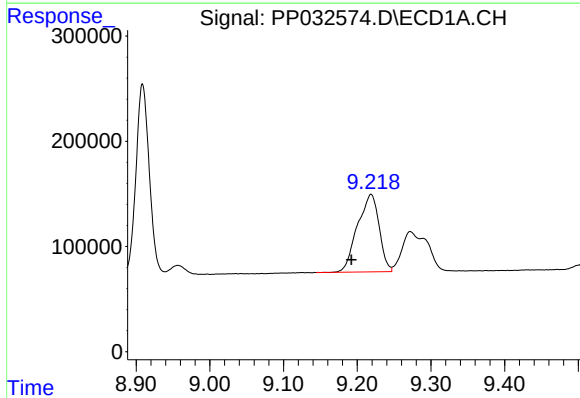
R.T.: 8.909 min
Delta R.T.: 0.011 min
Response: 2297377
Conc: 397.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



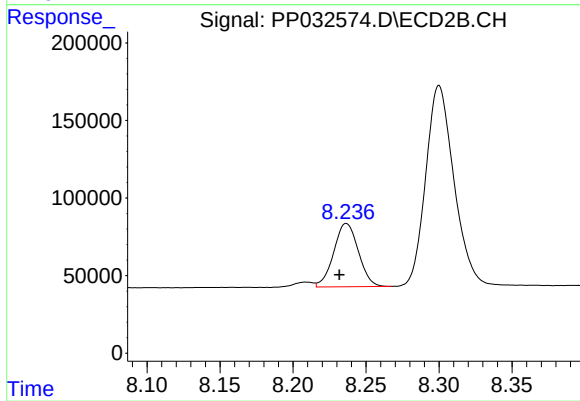
#37 AR-1262-2

R.T.: 7.952 min
Delta R.T.: 0.005 min
Response: 2335948
Conc: 405.35 ng/ml



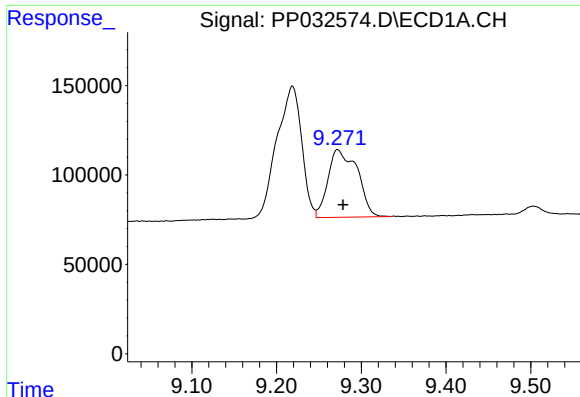
#38 AR-1262-3

R.T.: 9.219 min
Delta R.T.: 0.027 min
Response: 1505915
Conc: 373.22 ng/ml



#38 AR-1262-3

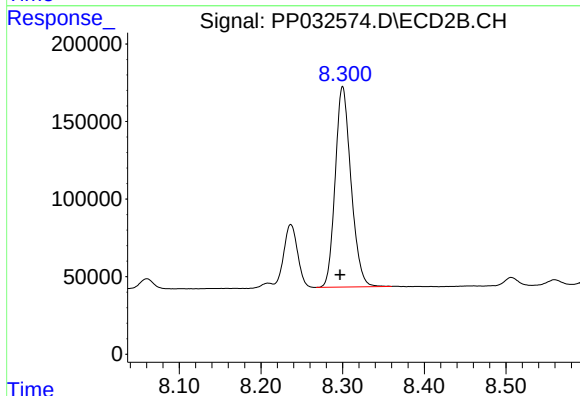
R.T.: 8.237 min
Delta R.T.: 0.005 min
Response: 480663
Conc: 194.95 ng/ml



#39 AR-1262-4

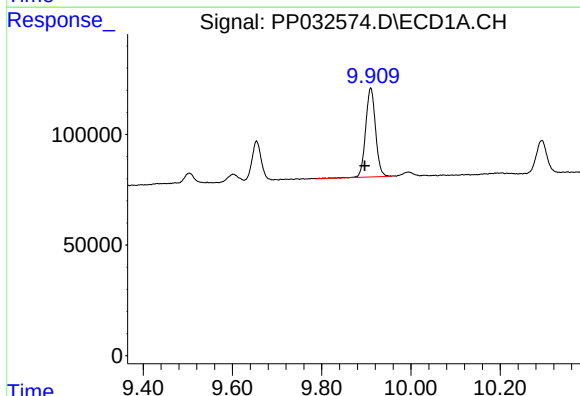
R.T.: 9.272 min
Delta R.T.: -0.007 min
Response: 909660
Conc: 275.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



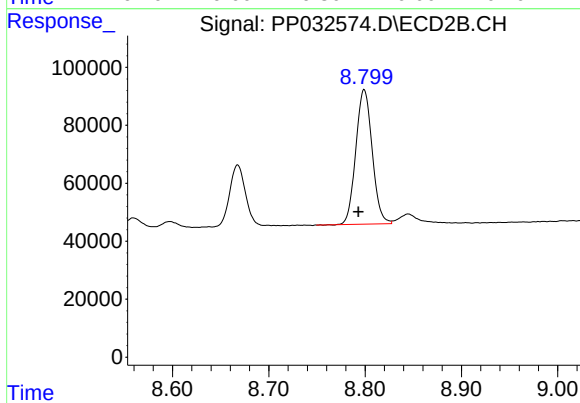
#39 AR-1262-4

R.T.: 8.300 min
Delta R.T.: 0.003 min
Response: 1738436
Conc: 393.01 ng/ml



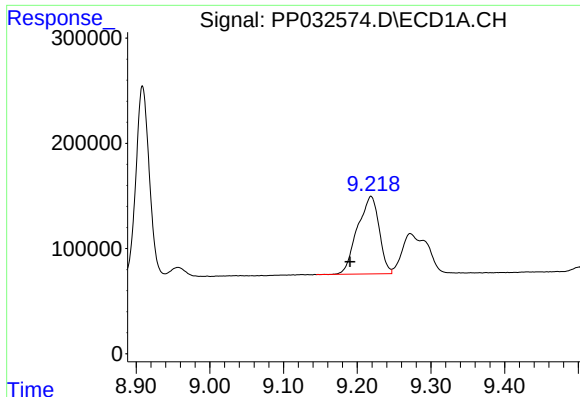
#40 AR-1262-5

R.T.: 9.910 min
Delta R.T.: 0.014 min
Response: 619135
Conc: 299.23 ng/ml



#40 AR-1262-5

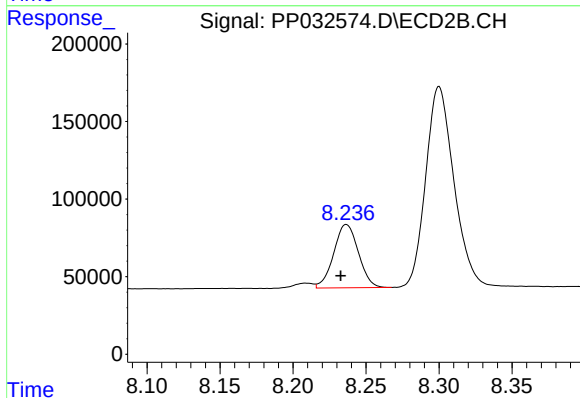
R.T.: 8.799 min
Delta R.T.: 0.006 min
Response: 549034
Conc: 278.13 ng/ml



#41 AR-1268-1

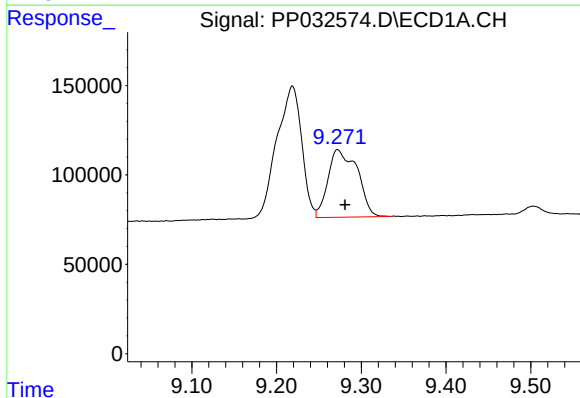
R.T.: 9.219 min
Delta R.T.: 0.028 min
Response: 1505915
Conc: 195.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



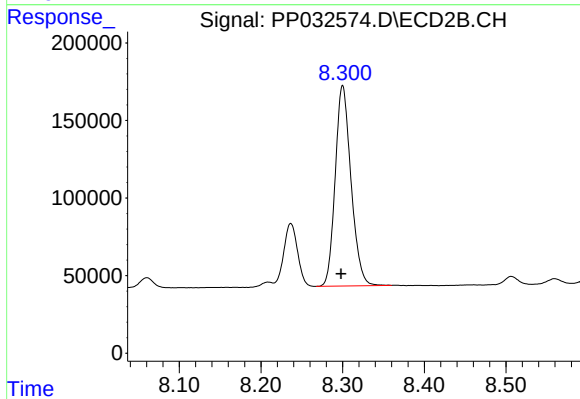
#41 AR-1268-1

R.T.: 8.237 min
Delta R.T.: 0.004 min
Response: 480663
Conc: 66.71 ng/ml



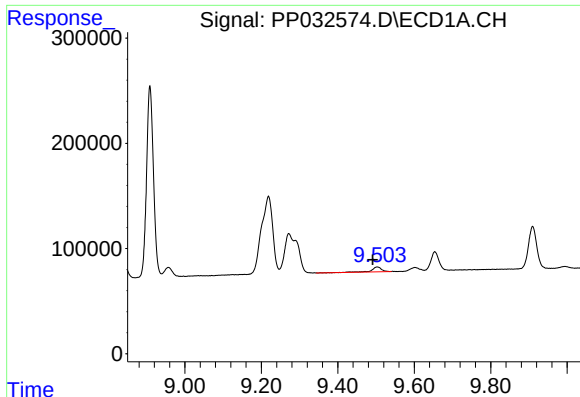
#42 AR-1268-2

R.T.: 9.272 min
Delta R.T.: -0.009 min
Response: 909660
Conc: 127.63 ng/ml



#42 AR-1268-2

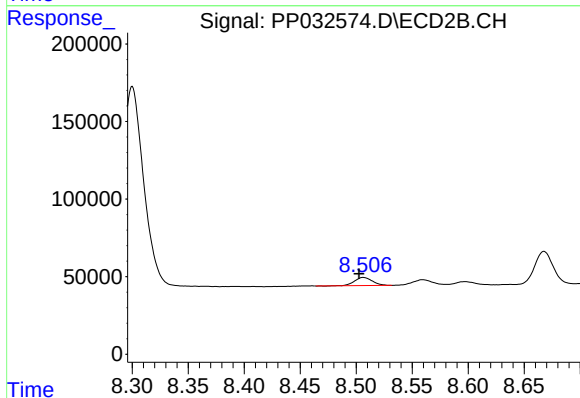
R.T.: 8.300 min
Delta R.T.: 0.002 min
Response: 1738436
Conc: 254.26 ng/ml



#43 AR-1268-3

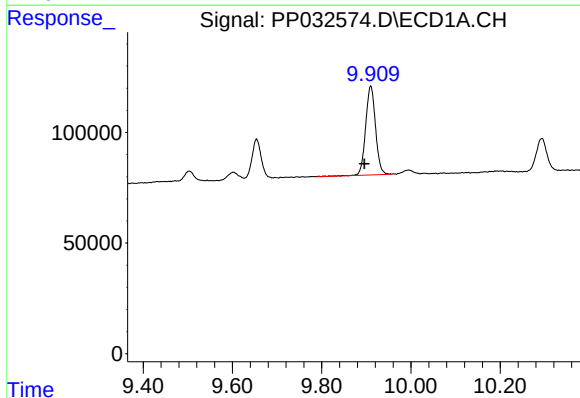
R.T.: 9.503 min
Delta R.T.: 0.012 min
Response: 81373
Conc: 12.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



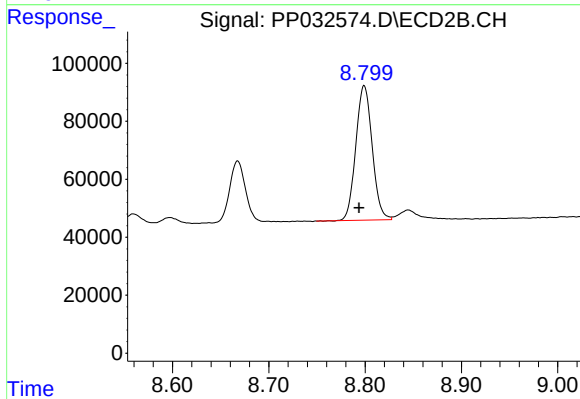
#43 AR-1268-3

R.T.: 8.506 min
Delta R.T.: 0.004 min
Response: 58307
Conc: 9.45 ng/ml



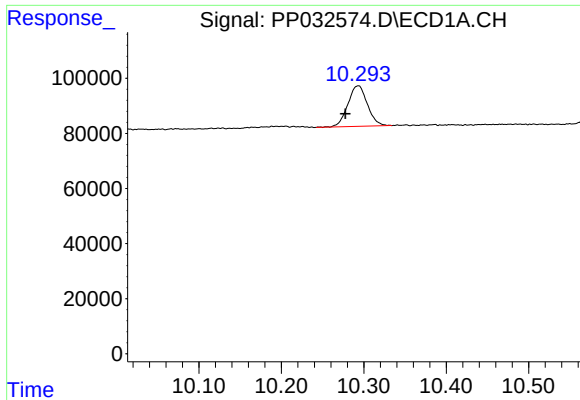
#44 AR-1268-4

R.T.: 9.910 min
Delta R.T.: 0.014 min
Response: 619135
Conc: 269.66 ng/ml



#44 AR-1268-4

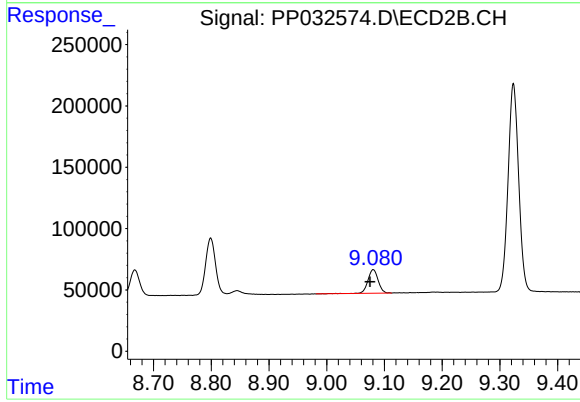
R.T.: 8.799 min
Delta R.T.: 0.005 min
Response: 549034
Conc: 255.44 ng/ml



#45 AR-1268-5

R.T.: 10.293 min
Delta R.T.: 0.015 min
Response: 241704
Conc: 13.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.081 min
Delta R.T.: 0.006 min
Response: 237684
Conc: 13.35 ng/ml