

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011921\
 Data File : PR049392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2021 08:59
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 01:11:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 19 06:04:35 2021
 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...	4.671	3.854	133.2E6	151.7E6	49.950	49.695
2)	SA Decachlor...	10.557	8.910	129.1E6	435.0E6	48.998	49.967
Target Compounds							
3)	L1 AR-1016-1	5.845	4.937	48281505	31308580	472.350	514.280
4)	L1 AR-1016-2	5.868	4.955	70268587	69649792	489.316	497.636
5)	L1 AR-1016-3	5.930	5.132	42077973	39562892	485.203	499.510
6)	L1 AR-1016-4	6.030	5.172	35656511	16356535	491.442	498.954
7)	L1 AR-1016-5	6.324	5.387	33594087	27736090	488.829	509.737
8)	L2 AR-1221-1	4.876	4.063	4652922	3971263	143.522	131.806
9)	L2 AR-1221-2	4.967	4.150	6460763	7498372	268.470	272.305
10)	L2 AR-1221-3	5.044	4.225	23748402	25939944	323.057	315.506
11)	L3 AR-1232-1	5.044	4.225	23748402	25939944	404.311	429.645
12)	L3 AR-1232-2	5.577	4.955	32518335	69649792	1047.429	1291.477
13)	L3 AR-1232-3	5.868	5.132	70268587	39562892	1123.191	1248.464
14)	L3 AR-1232-4	6.030	5.215	35656511	22476288	1131.065	1414.000 #
15)	L3 AR-1232-5	6.117	5.387	31819235	27736090	1305.422	1384.215
16)	L4 AR-1242-1	5.845	4.937	48281505	31308580	612.076	641.199
17)	L4 AR-1242-2	5.868	4.955	70268587	69649792	649.149	652.333
18)	L4 AR-1242-3	5.930	5.132	42077973	39562892	625.984	643.166
19)	L4 AR-1242-4	6.030	5.215	35656511	22476288	638.632	636.067
20)	L4 AR-1242-5	6.768	5.739	5608637	19493466	93.463	312.101 #
21)	L5 AR-1248-1	5.845	4.937	48281505	31308580	804.254	839.141
22)	L5 AR-1248-2	6.117	5.172	31819235	16356535	390.299	378.545
23)	L5 AR-1248-3	6.324	5.215	33594087	22476288	379.330	433.107
24)	L5 AR-1248-4	6.727	5.387	6553683	27736090	61.741	401.528 #
25)	L5 AR-1248-5	6.768	5.779	5608637	5394979	55.139	51.444
26)	L6 AR-1254-1	6.701	5.739	24245082	19493466	227.464	177.612
27)	L6 AR-1254-2	6.918	5.886	26165288	24583221	161.657	207.664 #
28)	L6 AR-1254-3	7.289	6.306	14849563	88404024	91.607	383.408 #
29)	L6 AR-1254-4	7.574	6.519	11629440	19331775	88.493	51.641 #
30)	L6 AR-1254-5	7.992	6.937	82258999	227.3E6	616.885	517.257
31)	L7 AR-1260-1	7.451	6.420	58561364	68111979	478.871	541.245
32)	L7 AR-1260-2	7.707	6.609	73149826	282.3E6	481.990	550.109
33)	L7 AR-1260-3	8.066	6.763	56697211	158.3E6	478.829	541.222
34)	L7 AR-1260-4	8.303	7.237	61393468	187.8E6	486.603	533.478
35)	L7 AR-1260-5	8.639	7.480	127.9E6	673.4E6	490.967	506.849
36)	L8 AR-1262-1	8.066	6.937	56697211	227.3E6	330.487	937.233 #
37)	L8 AR-1262-2	8.639	7.480	127.9E6	673.4E6	433.158	432.224
38)	L8 AR-1262-3	8.986f	7.765	81287518	136.2E6	398.257	227.030 #
39)	L8 AR-1262-4	9.044f	7.829	54548572	426.1E6	340.794	425.143
40)	L8 AR-1262-5	9.761	8.338	41474057	150.2E6	359.268	338.740
41)	L9 AR-1268-1	8.986f	7.765	81287518	136.2E6	221.732	75.089 #

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 ALS Vial : 3 Sample Multiplier: 1

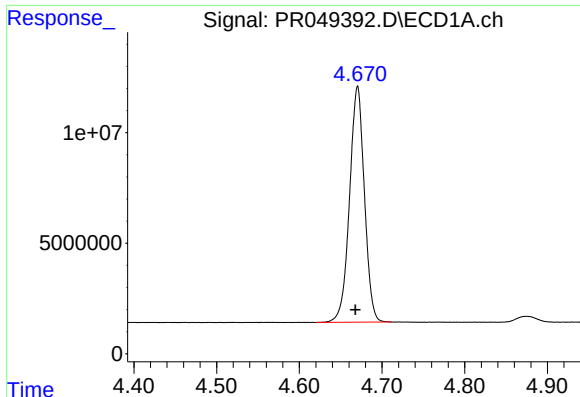
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 01:11:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011821.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	9.044f	7.829	54548572	426.1E6	158.127	280.799 #
43) L9	AR-1268-3	9.304	8.037	1639237	6715208	5.461	4.993
44) L9	AR-1268-4	9.761	8.338	41474057	150.2E6	316.431	297.533
45) L9	AR-1268-5	10.197	8.644	13312814	38860881	13.341	9.792 #

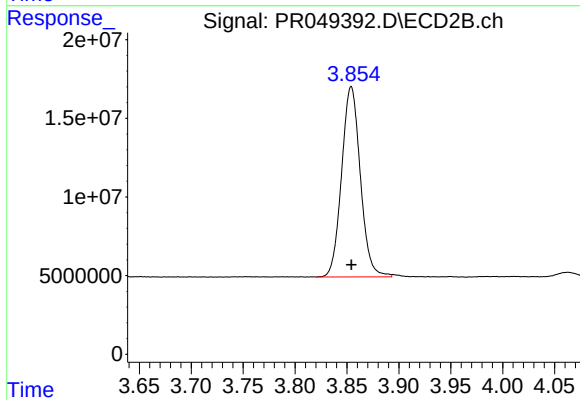
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

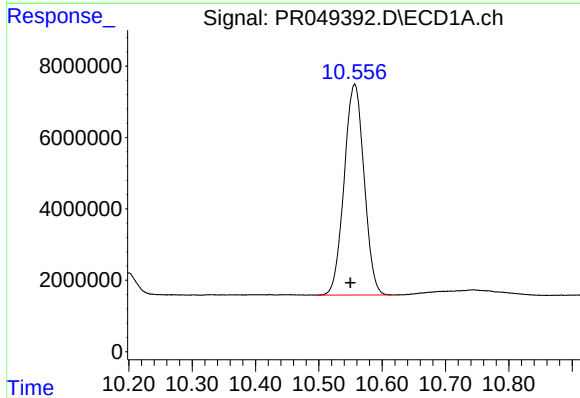
R.T.: 4.671 min
Delta R.T.: 0.003 min
Response: 133211807
Conc: 49.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



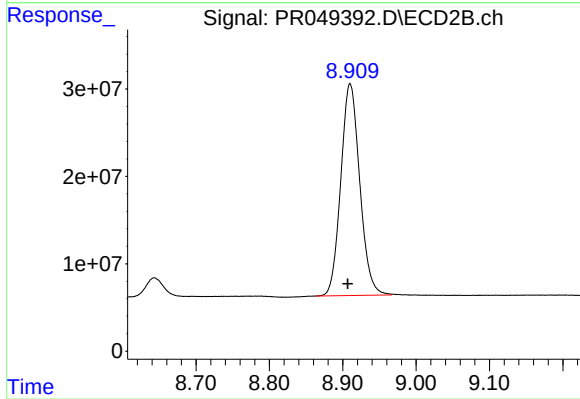
#1 Tetrachloro-m-xylene

R.T.: 3.854 min
Delta R.T.: 0.000 min
Response: 151717324
Conc: 49.70 ng/ml



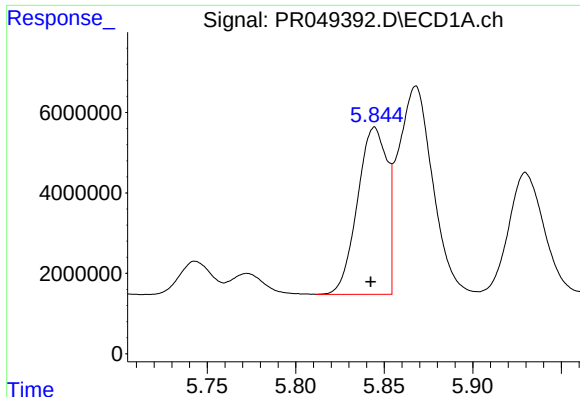
#2 Decachlorobiphenyl

R.T.: 10.557 min
Delta R.T.: 0.007 min
Response: 129107834
Conc: 49.00 ng/ml



#2 Decachlorobiphenyl

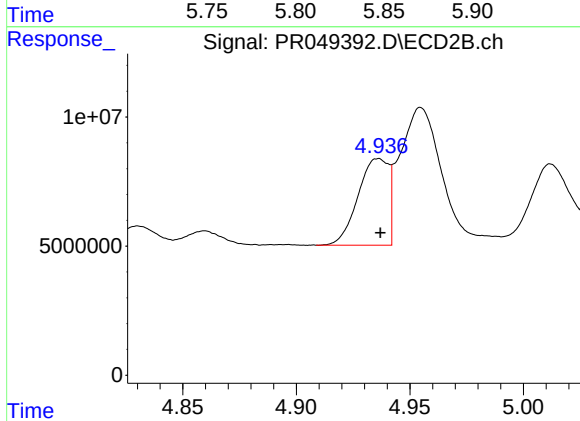
R.T.: 8.910 min
Delta R.T.: 0.003 min
Response: 435021208
Conc: 49.97 ng/ml



#3 AR-1016-1

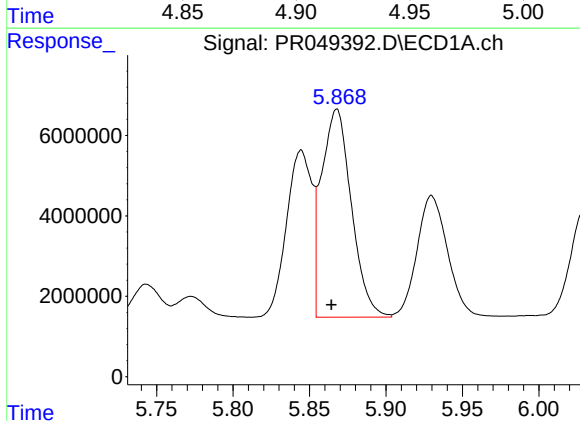
R.T.: 5.845 min
Delta R.T.: 0.002 min
Response: 48281505
Conc: 472.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



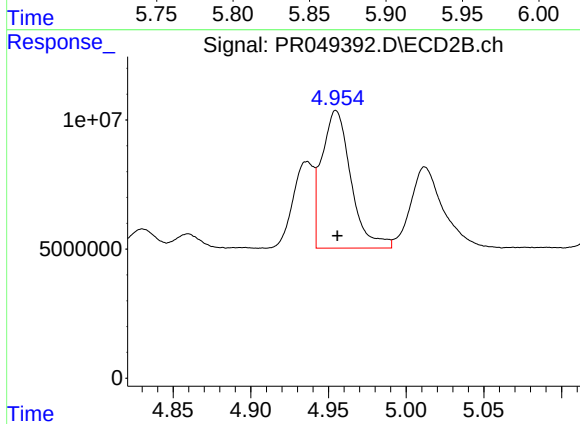
#3 AR-1016-1

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 31308580
Conc: 514.28 ng/ml



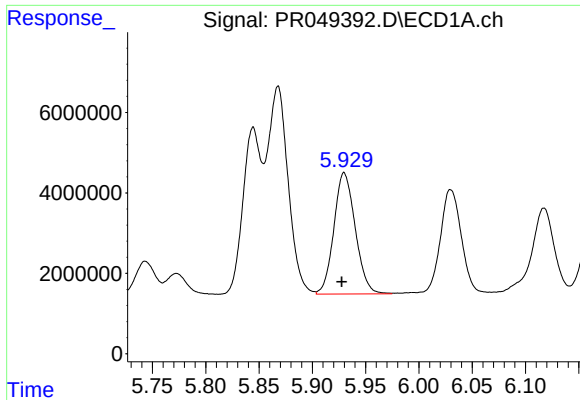
#4 AR-1016-2

R.T.: 5.868 min
Delta R.T.: 0.003 min
Response: 70268587
Conc: 489.32 ng/ml



#4 AR-1016-2

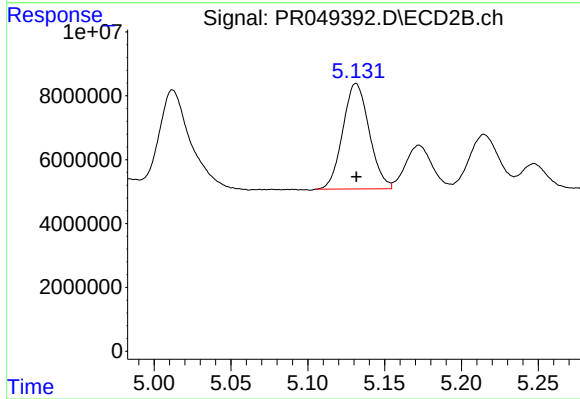
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 69649792
Conc: 497.64 ng/ml



#5 AR-1016-3

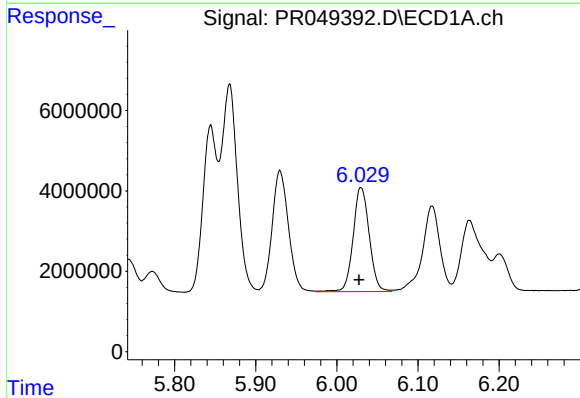
R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 42077973
Conc: 485.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



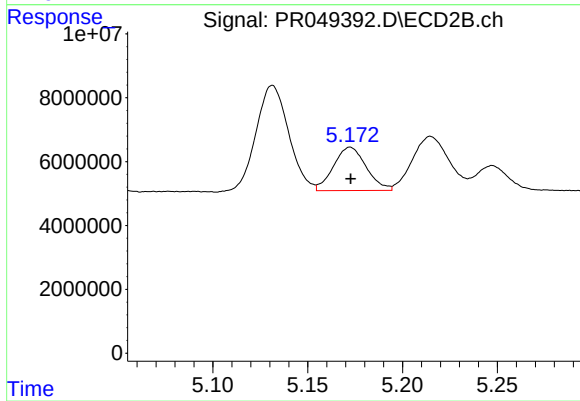
#5 AR-1016-3

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 39562892
Conc: 499.51 ng/ml



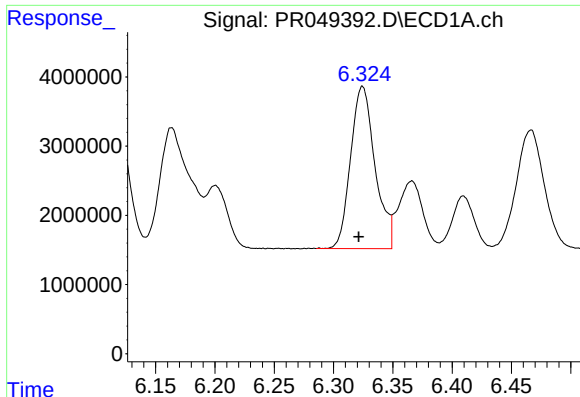
#6 AR-1016-4

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 35656511
Conc: 491.44 ng/ml



#6 AR-1016-4

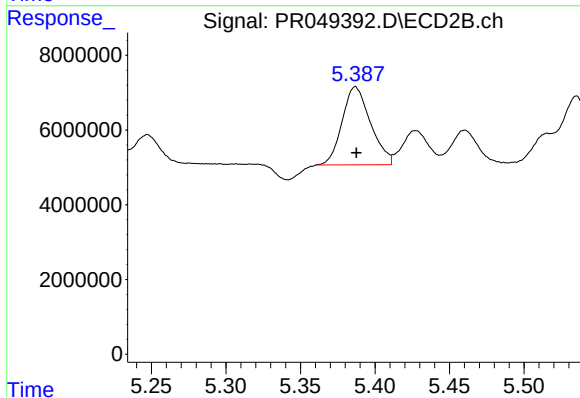
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 16356535
Conc: 498.95 ng/ml



#7 AR-1016-5

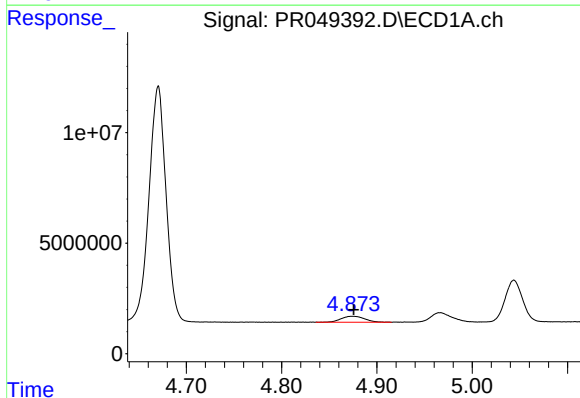
R.T.: 6.324 min
Delta R.T.: 0.003 min
Response: 33594087
Conc: 488.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



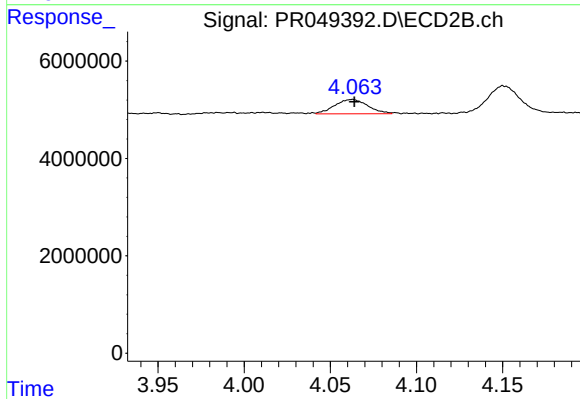
#7 AR-1016-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 27736090
Conc: 509.74 ng/ml



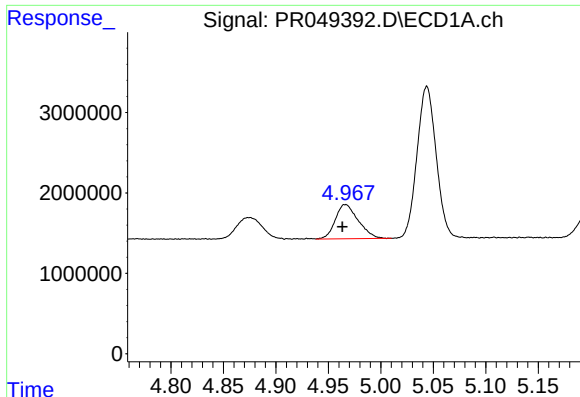
#8 AR-1221-1

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 4652922
Conc: 143.52 ng/ml



#8 AR-1221-1

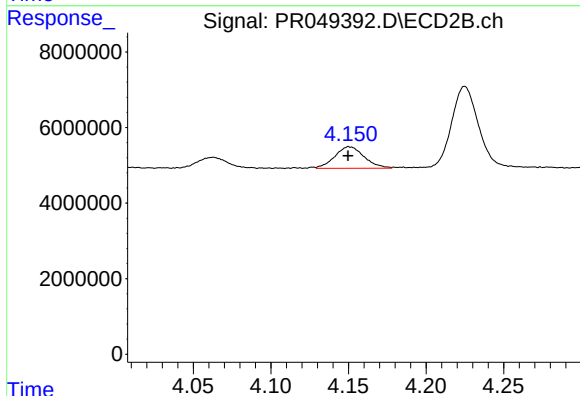
R.T.: 4.063 min
Delta R.T.: -0.001 min
Response: 3971263
Conc: 131.81 ng/ml



#9 AR-1221-2

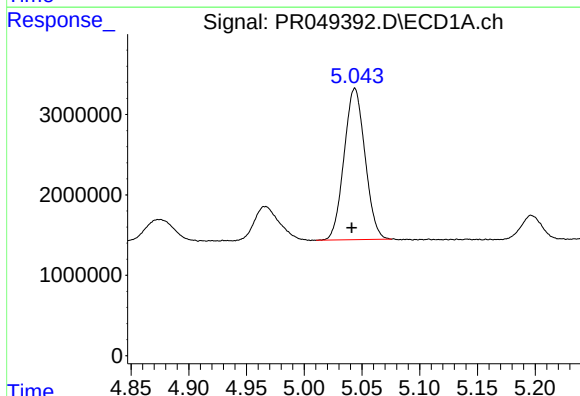
R.T.: 4.967 min
Delta R.T.: 0.003 min
Response: 6460763
Conc: 268.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



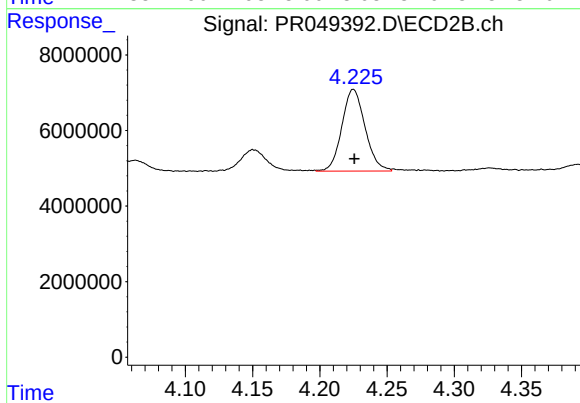
#9 AR-1221-2

R.T.: 4.150 min
Delta R.T.: 0.000 min
Response: 7498372
Conc: 272.30 ng/ml



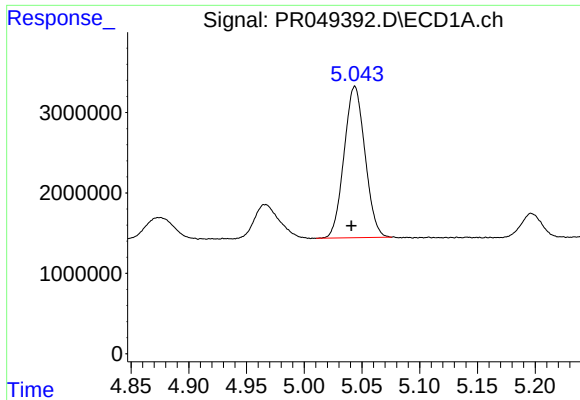
#10 AR-1221-3

R.T.: 5.044 min
Delta R.T.: 0.003 min
Response: 23748402
Conc: 323.06 ng/ml



#10 AR-1221-3

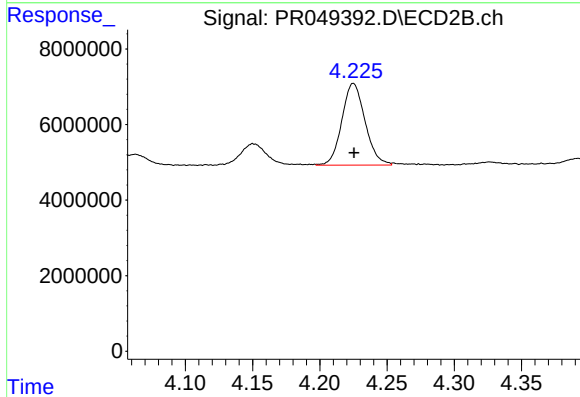
R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 25939944
Conc: 315.51 ng/ml



#11 AR-1232-1

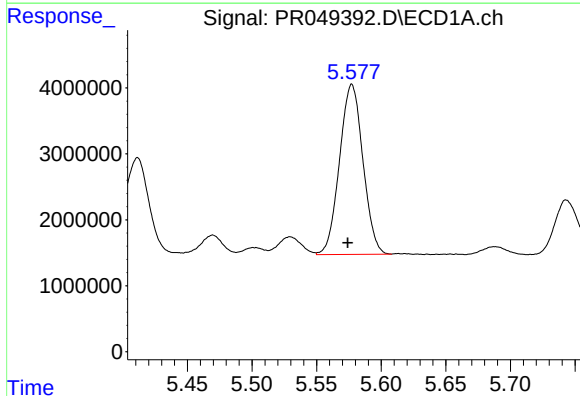
R.T.: 5.044 min
Delta R.T.: 0.003 min
Response: 23748402
Conc: 404.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



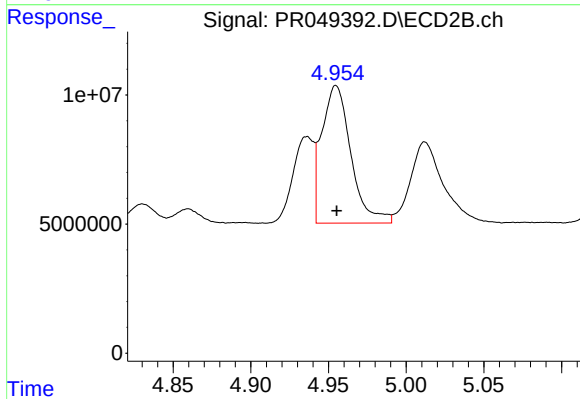
#11 AR-1232-1

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 25939944
Conc: 429.65 ng/ml



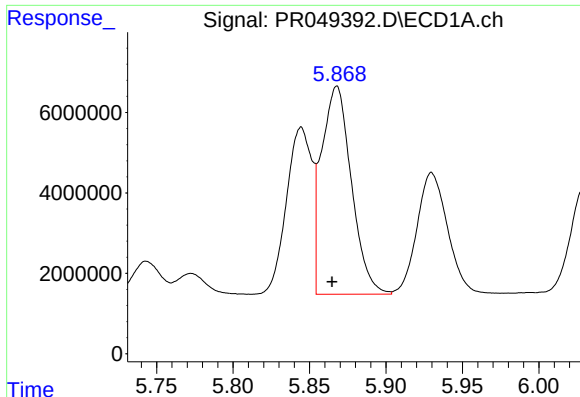
#12 AR-1232-2

R.T.: 5.577 min
Delta R.T.: 0.003 min
Response: 32518335
Conc: 1047.43 ng/ml



#12 AR-1232-2

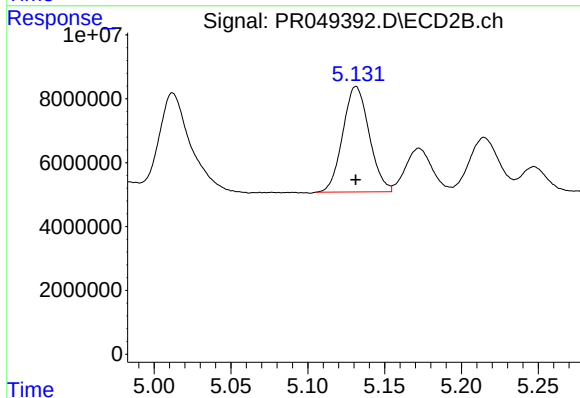
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 69649792
Conc: 1291.48 ng/ml



#13 AR-1232-3

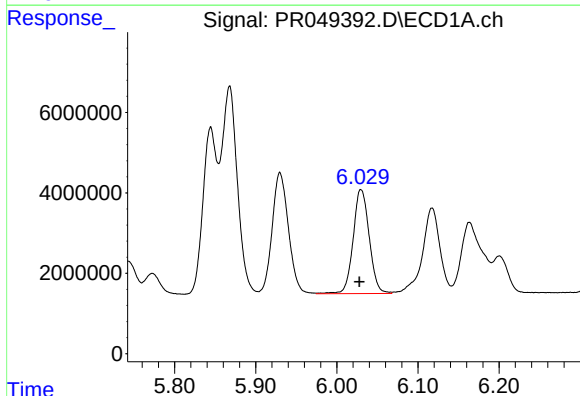
R.T.: 5.868 min
Delta R.T.: 0.003 min
Response: 70268587
Conc: 1123.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



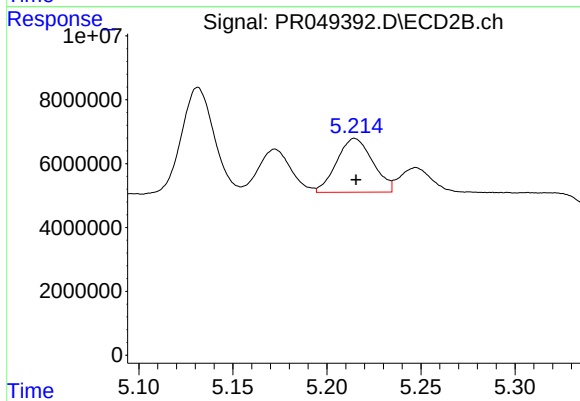
#13 AR-1232-3

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 39562892
Conc: 1248.46 ng/ml



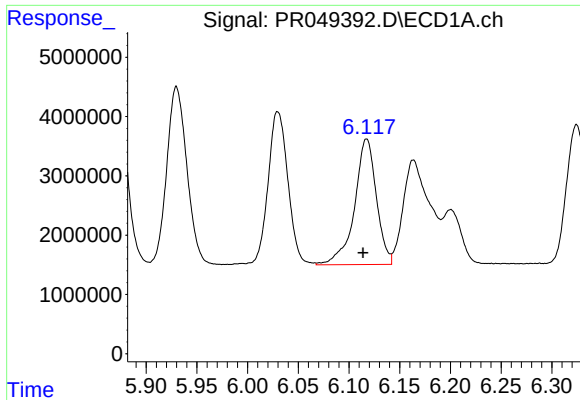
#14 AR-1232-4

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 35656511
Conc: 1131.06 ng/ml



#14 AR-1232-4

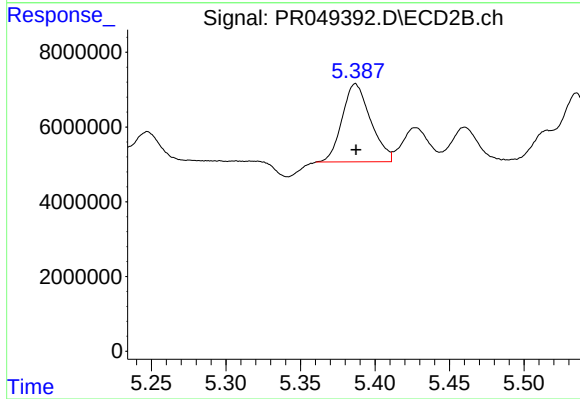
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 22476288
Conc: 1414.00 ng/ml



#15 AR-1232-5

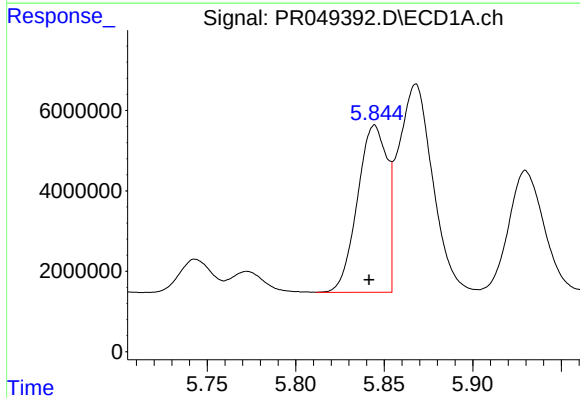
R.T.: 6.117 min
Delta R.T.: 0.004 min
Response: 31819235
Conc: 1305.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



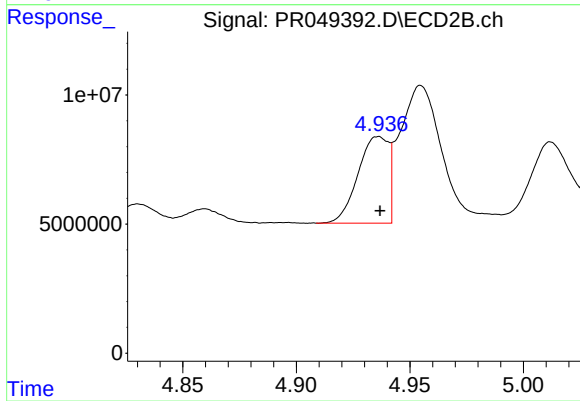
#15 AR-1232-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 27736090
Conc: 1384.21 ng/ml



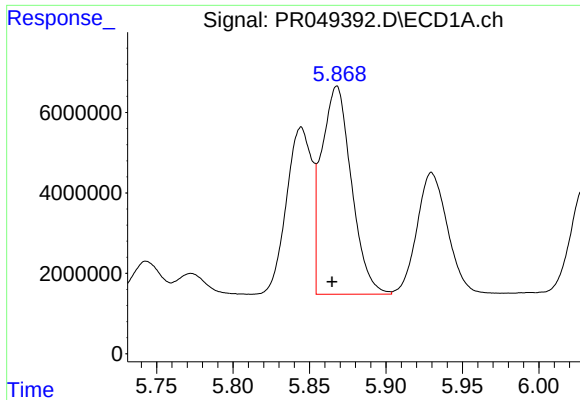
#16 AR-1242-1

R.T.: 5.845 min
Delta R.T.: 0.003 min
Response: 48281505
Conc: 612.08 ng/ml



#16 AR-1242-1

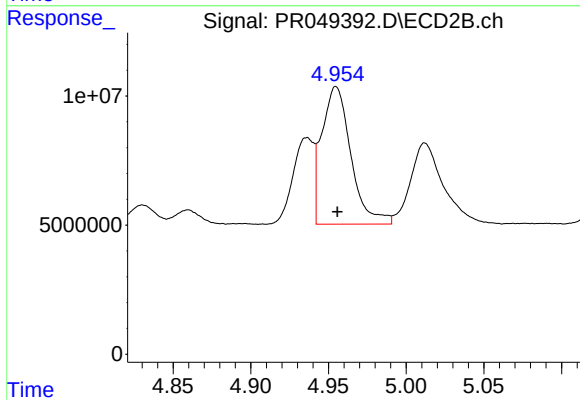
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 31308580
Conc: 641.20 ng/ml



#17 AR-1242-2

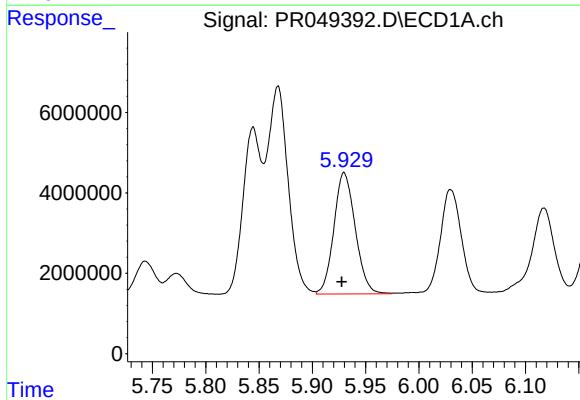
R.T.: 5.868 min
Delta R.T.: 0.003 min
Response: 70268587
Conc: 649.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



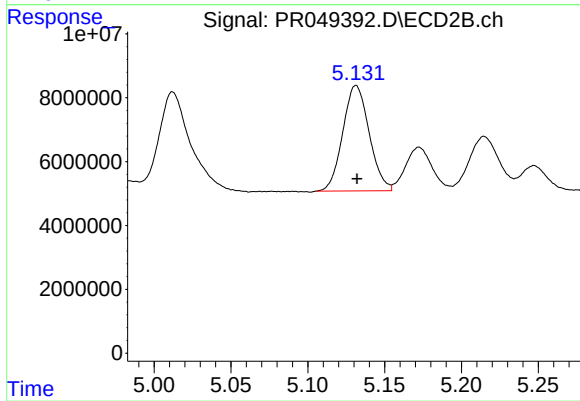
#17 AR-1242-2

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 69649792
Conc: 652.33 ng/ml



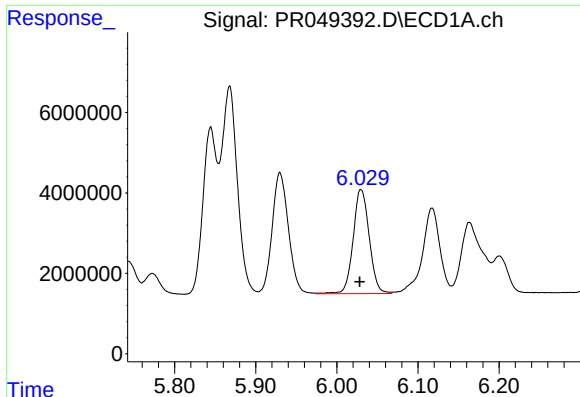
#18 AR-1242-3

R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 42077973
Conc: 625.98 ng/ml



#18 AR-1242-3

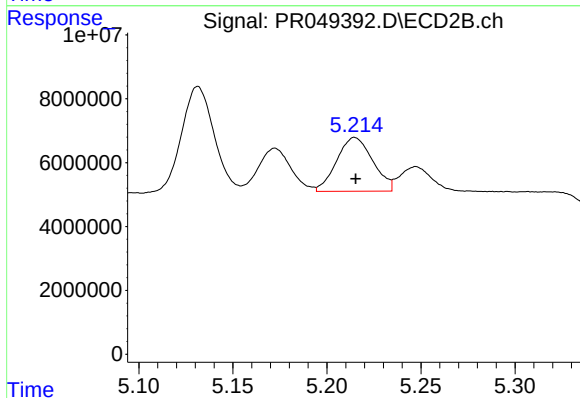
R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 39562892
Conc: 643.17 ng/ml



#19 AR-1242-4

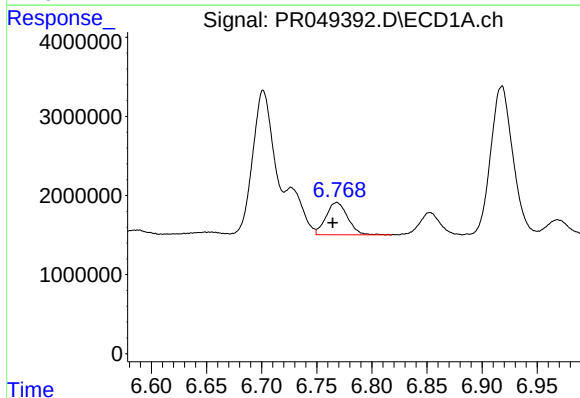
R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 35656511
Conc: 638.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



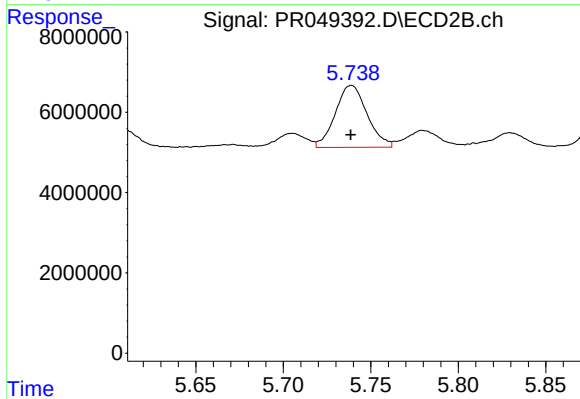
#19 AR-1242-4

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 22476288
Conc: 636.07 ng/ml



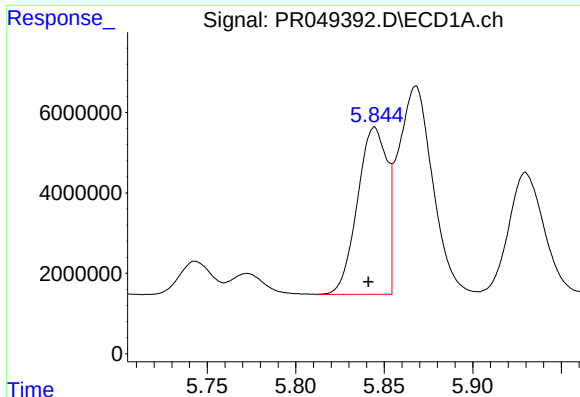
#20 AR-1242-5

R.T.: 6.768 min
Delta R.T.: 0.004 min
Response: 5608637
Conc: 93.46 ng/ml



#20 AR-1242-5

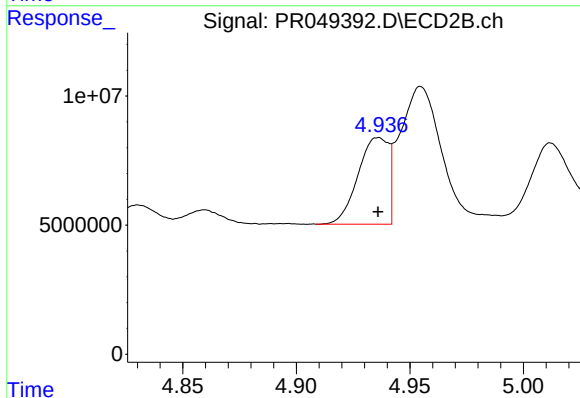
R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 19493466
Conc: 312.10 ng/ml



#21 AR-1248-1

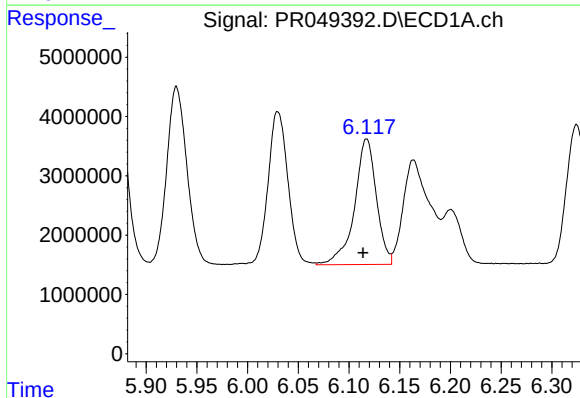
R.T.: 5.845 min
Delta R.T.: 0.004 min
Response: 48281505
Conc: 804.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



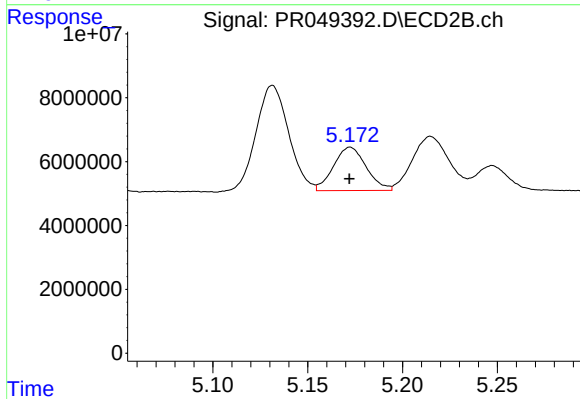
#21 AR-1248-1

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 31308580
Conc: 839.14 ng/ml



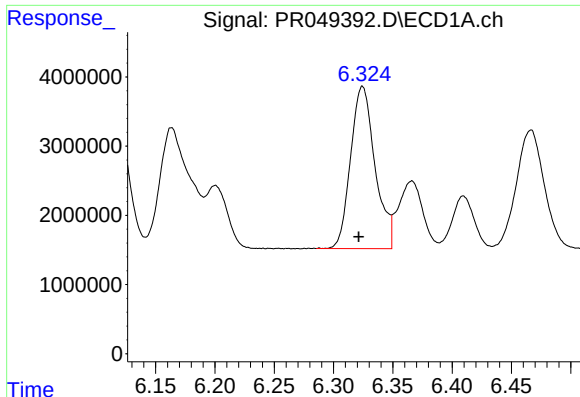
#22 AR-1248-2

R.T.: 6.117 min
Delta R.T.: 0.004 min
Response: 31819235
Conc: 390.30 ng/ml



#22 AR-1248-2

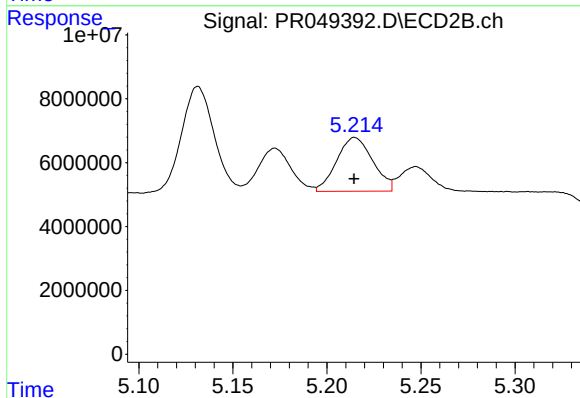
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 16356535
Conc: 378.55 ng/ml



#23 AR-1248-3

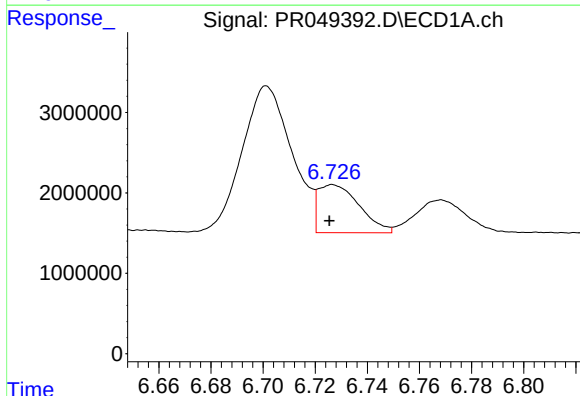
R.T.: 6.324 min
Delta R.T.: 0.003 min
Response: 33594087
Conc: 379.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



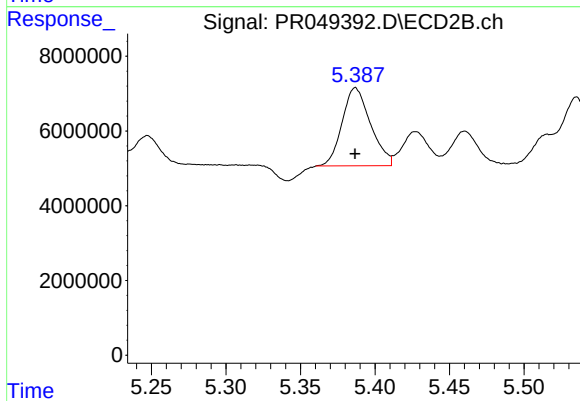
#23 AR-1248-3

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 22476288
Conc: 433.11 ng/ml



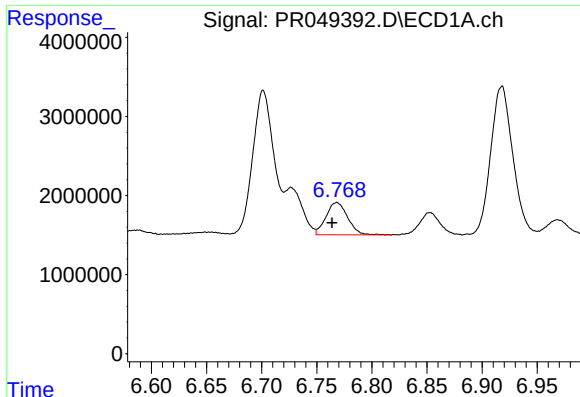
#24 AR-1248-4

R.T.: 6.727 min
Delta R.T.: 0.001 min
Response: 6553683
Conc: 61.74 ng/ml



#24 AR-1248-4

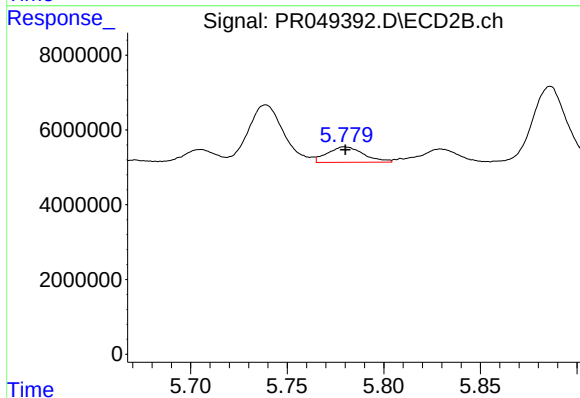
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 27736090
Conc: 401.53 ng/ml



#25 AR-1248-5

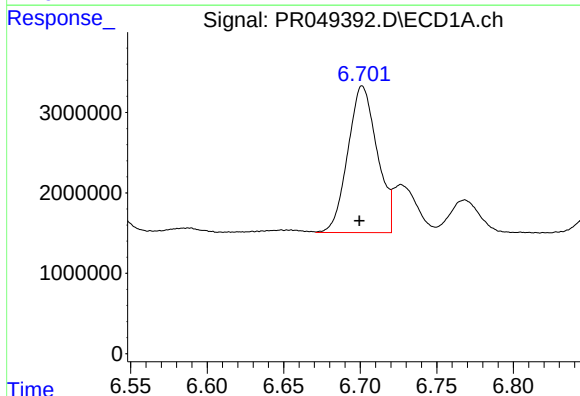
R.T.: 6.768 min
Delta R.T.: 0.004 min
Response: 5608637
Conc: 55.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



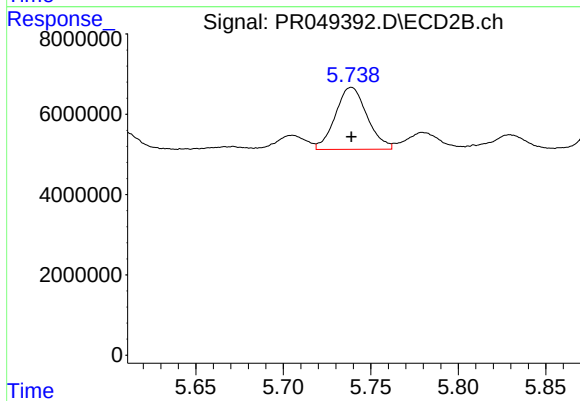
#25 AR-1248-5

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 5394979
Conc: 51.44 ng/ml



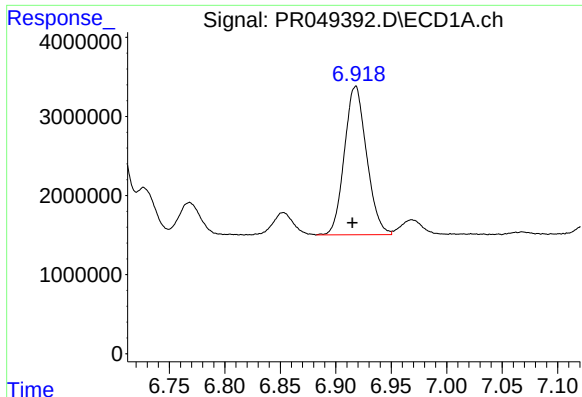
#26 AR-1254-1

R.T.: 6.701 min
Delta R.T.: 0.002 min
Response: 24245082
Conc: 227.46 ng/ml



#26 AR-1254-1

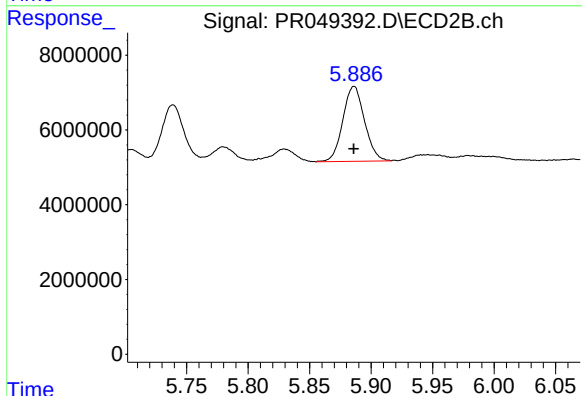
R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 19493466
Conc: 177.61 ng/ml



#27 AR-1254-2

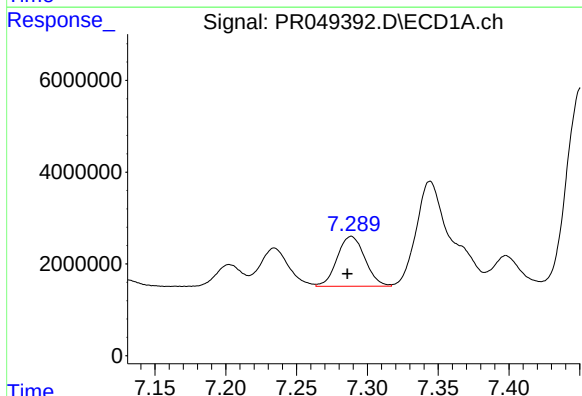
R.T.: 6.918 min
Delta R.T.: 0.003 min
Response: 26165288
Conc: 161.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



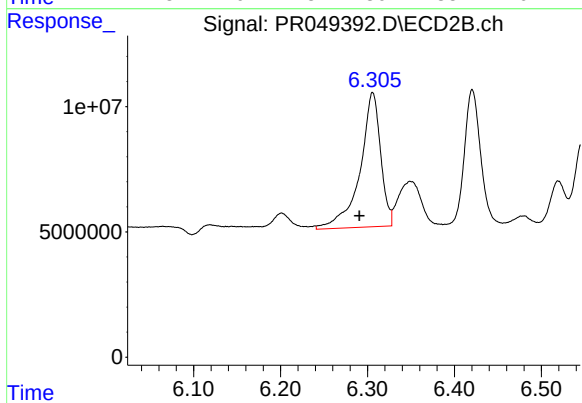
#27 AR-1254-2

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 24583221
Conc: 207.66 ng/ml



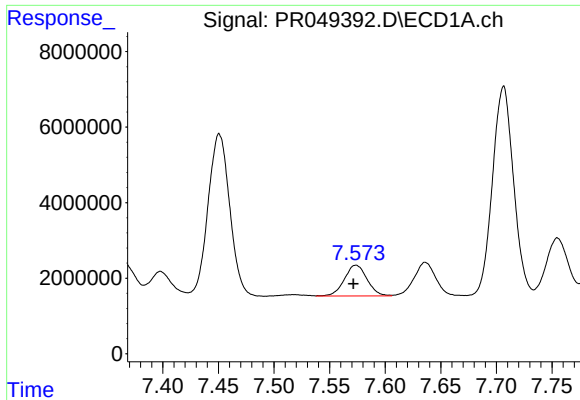
#28 AR-1254-3

R.T.: 7.289 min
Delta R.T.: 0.003 min
Response: 14849563
Conc: 91.61 ng/ml



#28 AR-1254-3

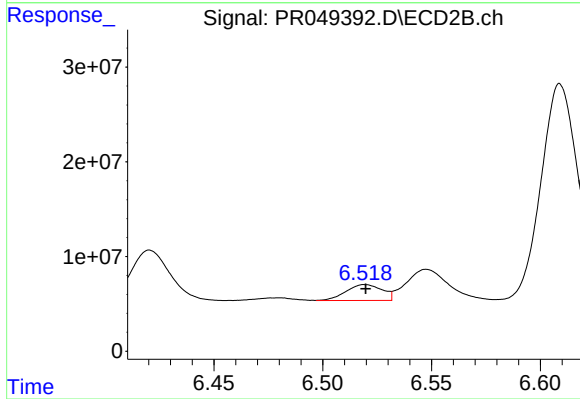
R.T.: 6.306 min
Delta R.T.: 0.015 min
Response: 88404024
Conc: 383.41 ng/ml



#29 AR-1254-4

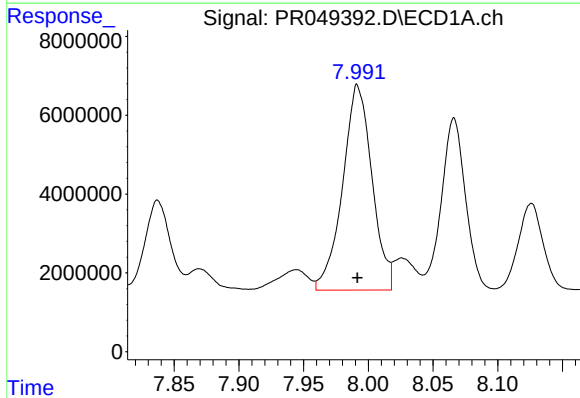
R.T.: 7.574 min
Delta R.T.: 0.002 min
Response: 11629440
Conc: 88.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



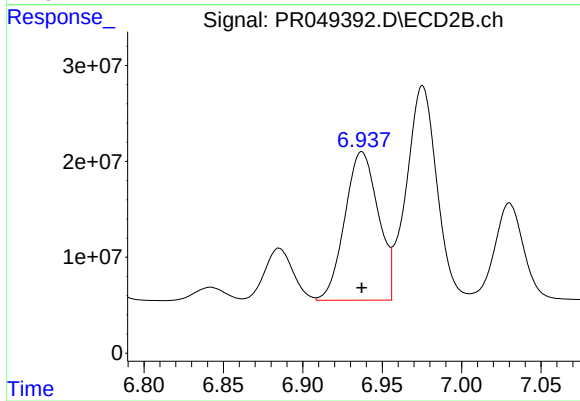
#29 AR-1254-4

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 19331775
Conc: 51.64 ng/ml



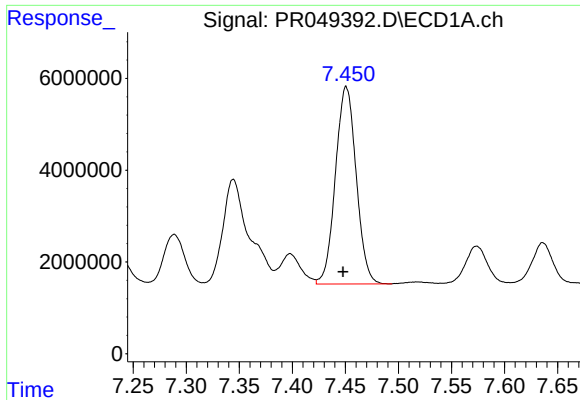
#30 AR-1254-5

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 82258999
Conc: 616.88 ng/ml



#30 AR-1254-5

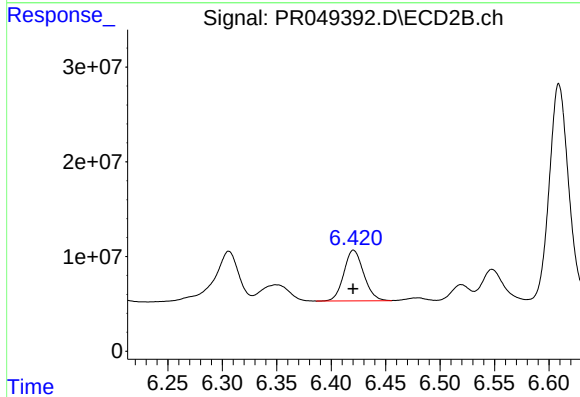
R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 227328075
Conc: 517.26 ng/ml



#31 AR-1260-1

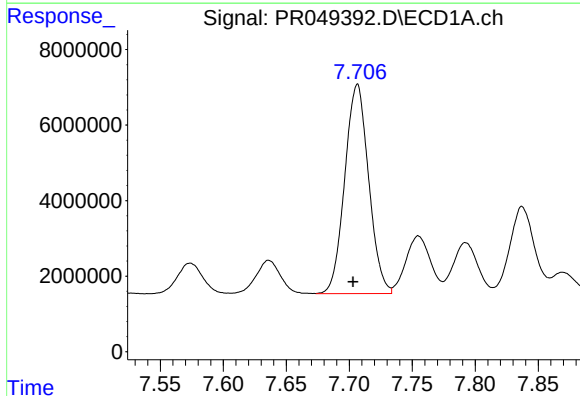
R.T.: 7.451 min
Delta R.T.: 0.003 min
Response: 58561364
Conc: 478.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



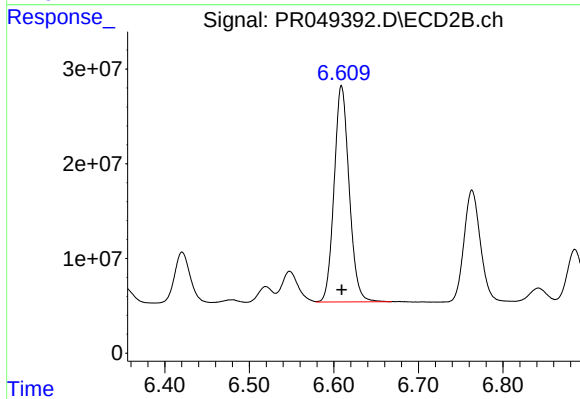
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 68111979
Conc: 541.25 ng/ml



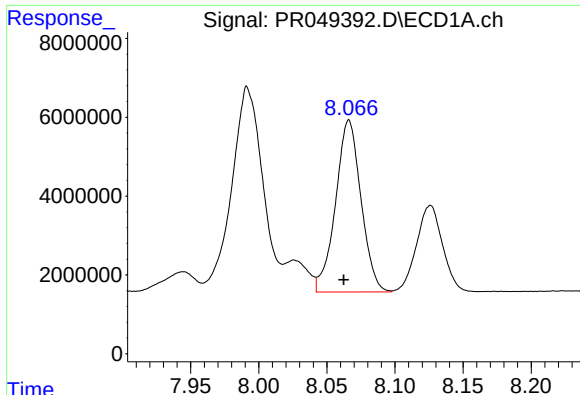
#32 AR-1260-2

R.T.: 7.707 min
Delta R.T.: 0.003 min
Response: 73149826
Conc: 481.99 ng/ml



#32 AR-1260-2

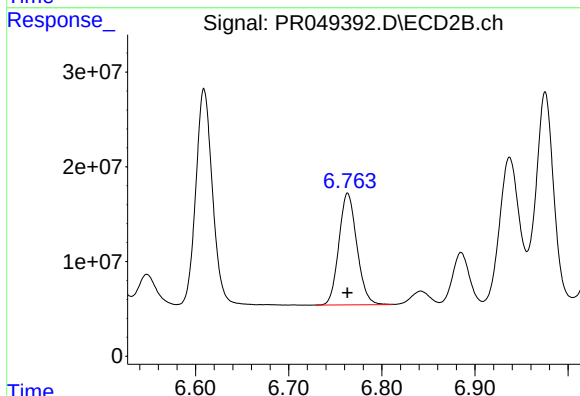
R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 282279599
Conc: 550.11 ng/ml



#33 AR-1260-3

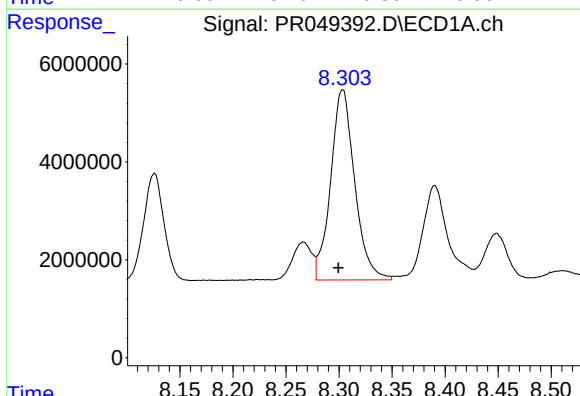
R.T.: 8.066 min
Delta R.T.: 0.004 min
Response: 56697211
Conc: 478.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



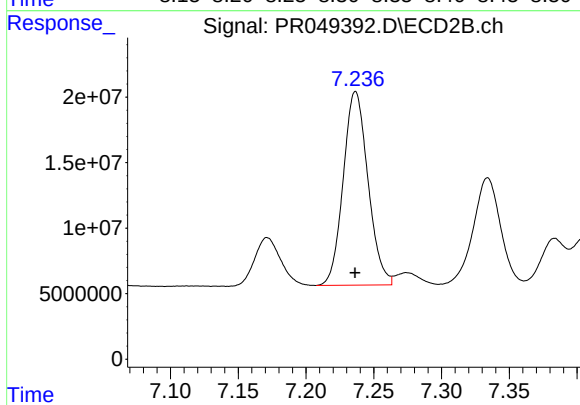
#33 AR-1260-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 158289276
Conc: 541.22 ng/ml



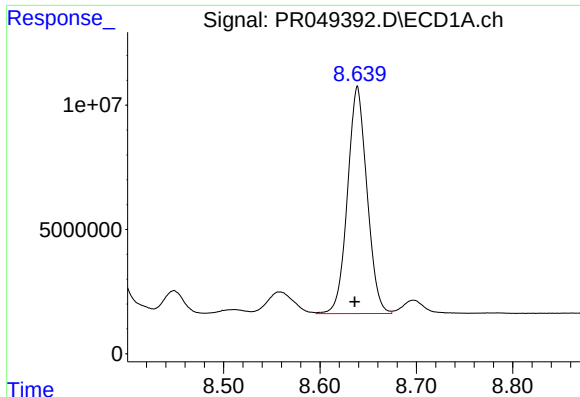
#34 AR-1260-4

R.T.: 8.303 min
Delta R.T.: 0.004 min
Response: 61393468
Conc: 486.60 ng/ml



#34 AR-1260-4

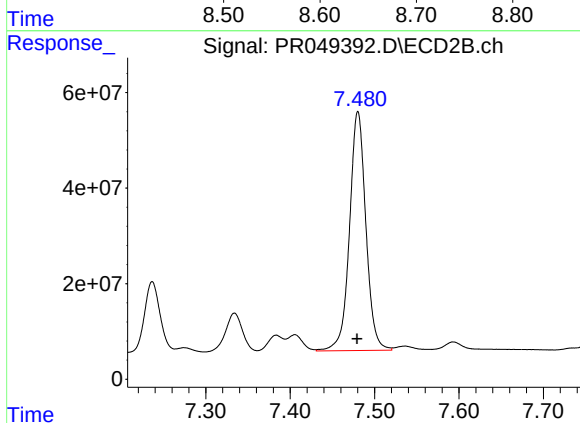
R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 187826642
Conc: 533.48 ng/ml



#35 AR-1260-5

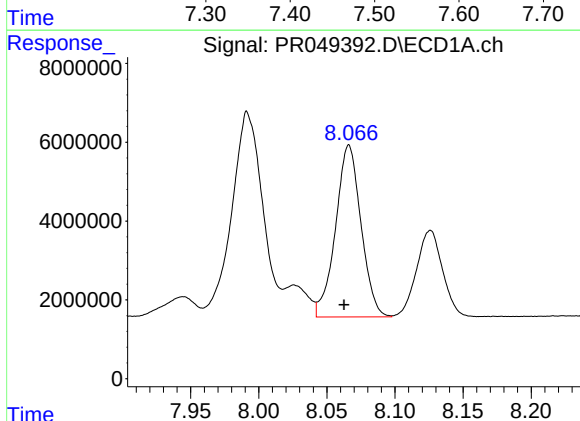
R.T.: 8.639 min
Delta R.T.: 0.003 min
Response: 127871538
Conc: 490.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



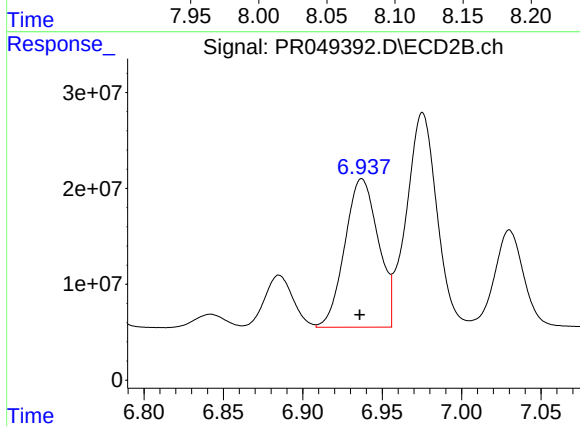
#35 AR-1260-5

R.T.: 7.480 min
Delta R.T.: 0.001 min
Response: 673378491
Conc: 506.85 ng/ml



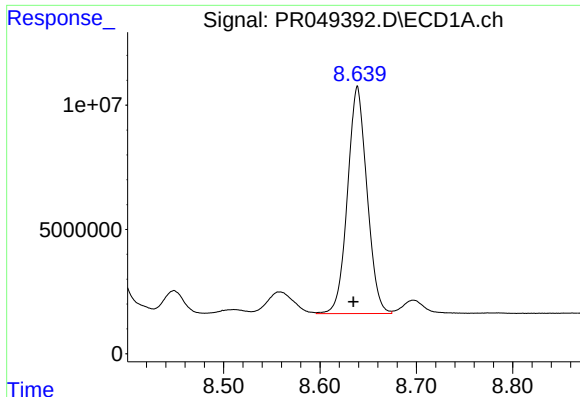
#36 AR-1262-1

R.T.: 8.066 min
Delta R.T.: 0.004 min
Response: 56697211
Conc: 330.49 ng/ml



#36 AR-1262-1

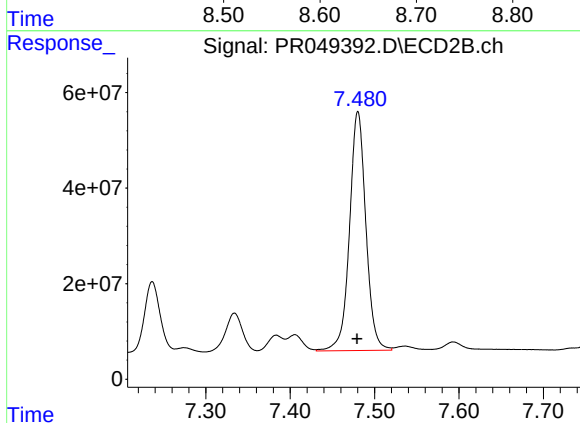
R.T.: 6.937 min
Delta R.T.: 0.001 min
Response: 227328075
Conc: 937.23 ng/ml



#37 AR-1262-2

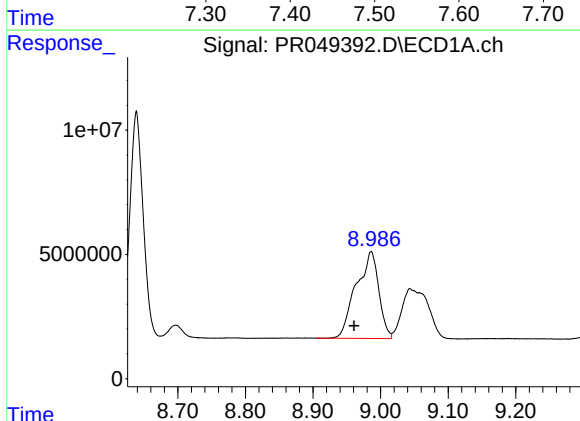
R.T.: 8.639 min
Delta R.T.: 0.004 min
Response: 127871538
Conc: 433.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



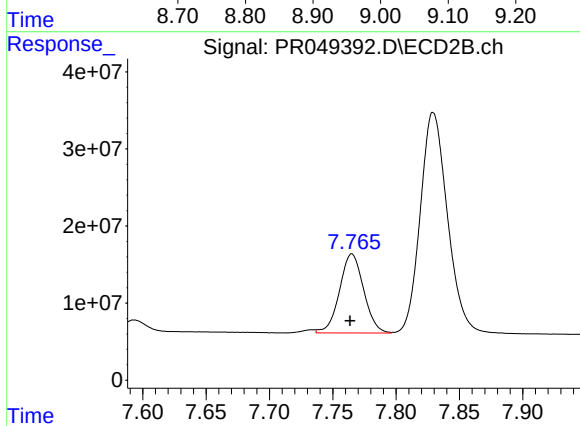
#37 AR-1262-2

R.T.: 7.480 min
Delta R.T.: 0.001 min
Response: 673378491
Conc: 432.22 ng/ml



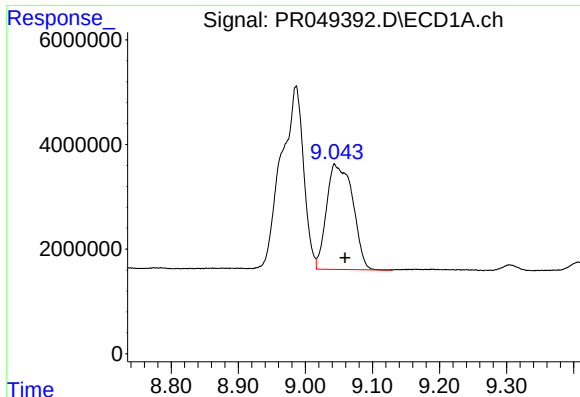
#38 AR-1262-3

R.T.: 8.986 min
Delta R.T.: 0.025 min
Response: 81287518
Conc: 398.26 ng/ml



#38 AR-1262-3

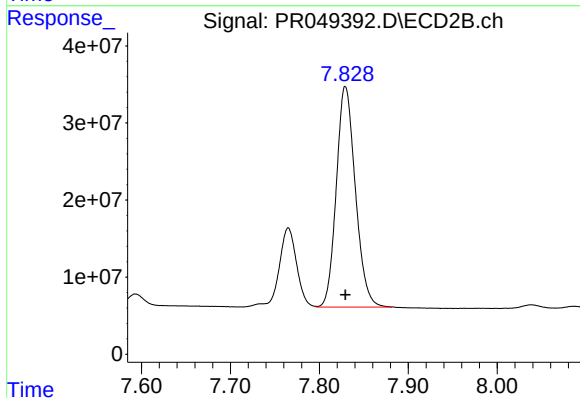
R.T.: 7.765 min
Delta R.T.: 0.001 min
Response: 136220282
Conc: 227.03 ng/ml



#39 AR-1262-4

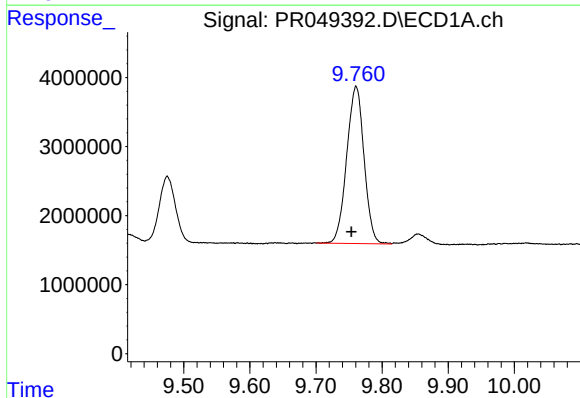
R.T.: 9.044 min
Delta R.T.: -0.015 min
Response: 54548572
Conc: 340.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



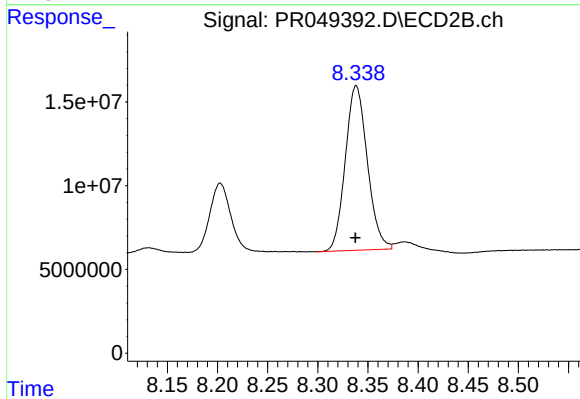
#39 AR-1262-4

R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 426068380
Conc: 425.14 ng/ml



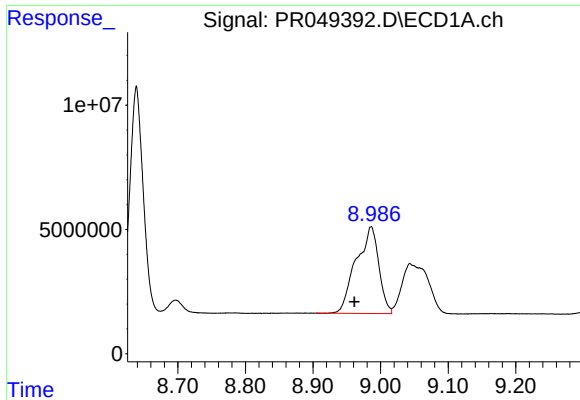
#40 AR-1262-5

R.T.: 9.761 min
Delta R.T.: 0.007 min
Response: 41474057
Conc: 359.27 ng/ml



#40 AR-1262-5

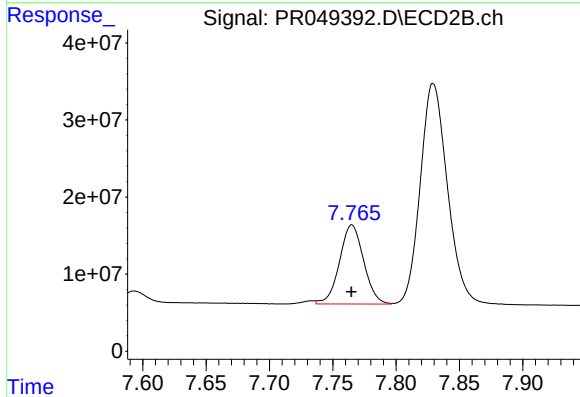
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 150218073
Conc: 338.74 ng/ml



#41 AR-1268-1

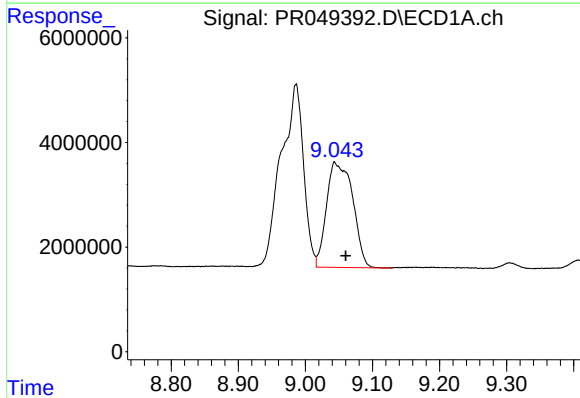
R.T.: 8.986 min
Delta R.T.: 0.025 min
Response: 81287518
Conc: 221.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



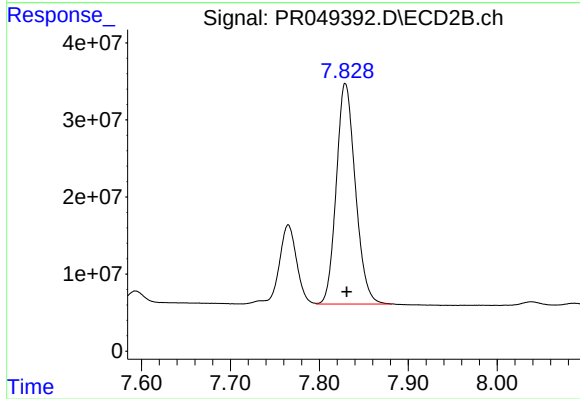
#41 AR-1268-1

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 136220282
Conc: 75.09 ng/ml



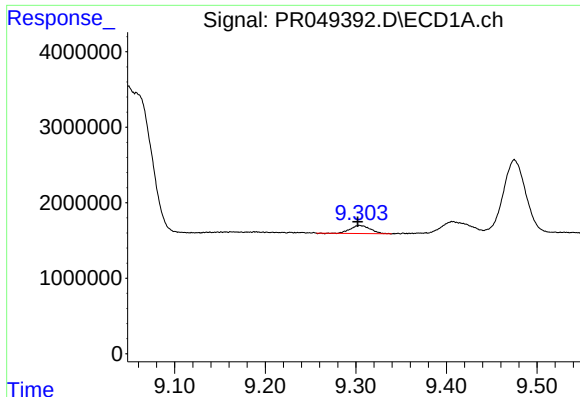
#42 AR-1268-2

R.T.: 9.044 min
Delta R.T.: -0.017 min
Response: 54548572
Conc: 158.13 ng/ml



#42 AR-1268-2

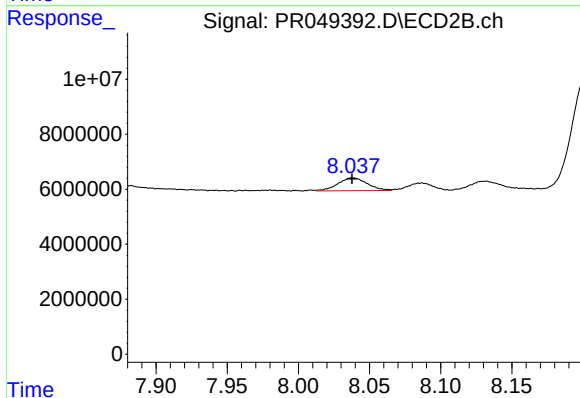
R.T.: 7.829 min
Delta R.T.: -0.002 min
Response: 426068380
Conc: 280.80 ng/ml



#43 AR-1268-3

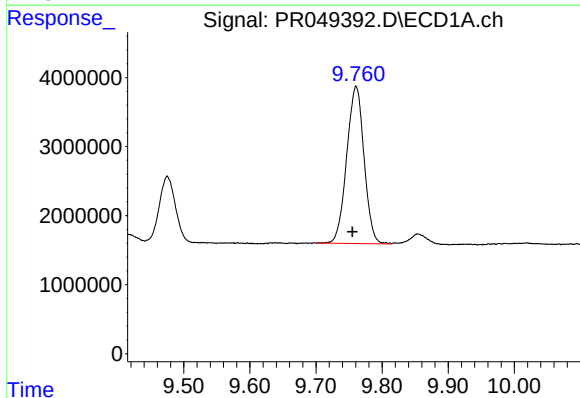
R.T.: 9.304 min
Delta R.T.: 0.002 min
Response: 1639237
Conc: 5.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



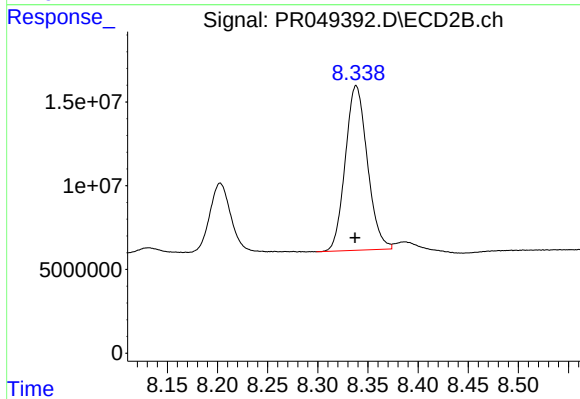
#43 AR-1268-3

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 6715208
Conc: 4.99 ng/ml



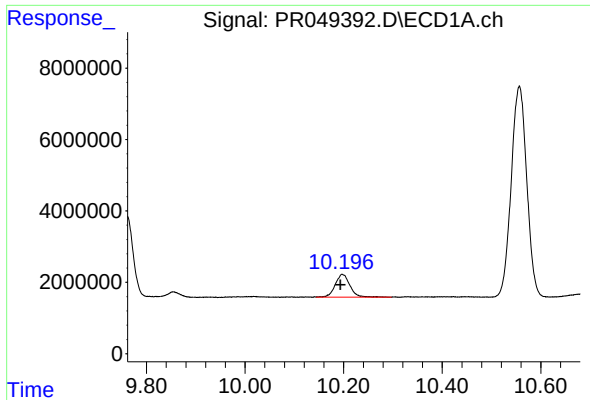
#44 AR-1268-4

R.T.: 9.761 min
Delta R.T.: 0.006 min
Response: 41474057
Conc: 316.43 ng/ml



#44 AR-1268-4

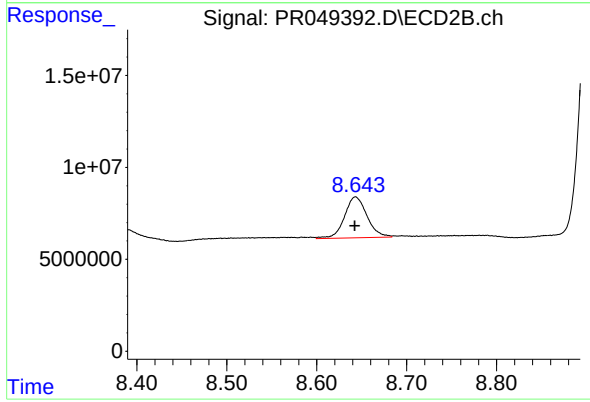
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 150218073
Conc: 297.53 ng/ml



#45 AR-1268-5

R.T.: 10.197 min
Delta R.T.: 0.003 min
Response: 13312814
Conc: 13.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.644 min
Delta R.T.: 0.001 min
Response: 38860881
Conc: 9.79 ng/ml