

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR070319\
 Data File : PR039069.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2019 16:04
 Operator : SM\AJ
 Sample : K3628-07DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 DRUM-COMPDL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 16:49:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR070119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 01 17:21:12 2019
 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...	3.780	4.622	13345556	51153754	7.790	8.024
2)	SA Decachlor...	8.716	10.360	15735694	55230503	6.805	7.151
Target Compounds							
3)	L1 AR-1016-1	4.852	5.778	1574800	4866214	22.751	19.499
4)	L1 AR-1016-2	4.852	5.778	1574800	4866214	14.132	13.538
5)	L1 AR-1016-3	5.042	5.863	992552	3570277	19.351	16.656
6)	L1 AR-1016-4	5.082	5.961	16937276	2663952	403.259	15.403 #
7)	L1 AR-1016-5	5.290	6.250	9915015	34420372	172.239	197.307
8)	L2 AR-1221-1	3.940	0.000	1407799	0	85.403	N.D. #
9)	L2 AR-1221-2	4.073	0.000	56255	0	4.450	N.D. #
10)	L2 AR-1221-3	4.148	4.988	853377	3568449	20.907	25.594
11)	L3 AR-1232-1	4.148	4.988	853377	3568449	24.968	30.922
12)	L3 AR-1232-2	4.852	5.513	1574800	3601922	37.524	60.096 #
13)	L3 AR-1232-3	5.042	5.778	992552	4866214	52.589	36.296 #
14)	L3 AR-1232-4	5.122	5.961	5413794	2663952	304.227	41.759 #
15)	L3 AR-1232-5	5.290	6.047	9915015	55570301	502.202	1161.748 #
16)	L4 AR-1242-1	4.852	5.778	1574800	4866214	28.522	24.101
17)	L4 AR-1242-2	4.852	5.778	1574800	4866214	17.546	17.035
18)	L4 AR-1242-3	5.042	5.863	992552	3570277	23.357	20.640
19)	L4 AR-1242-4	5.122	5.961	5413794	2663952	126.098	18.866 #
20)	L4 AR-1242-5	5.604	6.691	3936967	32418306	65.576	196.702 #
21)	L5 AR-1248-1	4.852	5.778	1574800	4866214	35.345	31.565
22)	L5 AR-1248-2	5.082	6.047	16937276	55570301	283.101	272.616
23)	L5 AR-1248-3	5.122	6.250	5413794	34420372	86.091	146.154 #
24)	L5 AR-1248-4	5.290	6.649	9915015	51761972	126.723	179.408 #
25)	L5 AR-1248-5	5.662	6.691	20312796	32418306	242.543	118.411 #
26)	L6 AR-1254-1	5.637	6.623	45131085	170.8E6	432.997	752.141 #
27)	L6 AR-1254-2	5.782	6.837	40013496	178.3E6	438.695	497.956
28)	L6 AR-1254-3	6.177	7.202	69048867	240.5E6	439.277	588.559 #
29)	L6 AR-1254-4	6.401	7.483	43500517	153.6E6	417.171	493.808
30)	L6 AR-1254-5	6.810	7.895	77892299	210.2E6	547.017	633.300
31)	L7 AR-1260-1	6.304	7.360	37226291	94522788	316.936	288.705
32)	L7 AR-1260-2	6.488	7.613	45287551	117.8E6	303.725	293.009
33)	L7 AR-1260-3	6.638	7.964	35280676	37782861	259.852	121.139 #
34)	L7 AR-1260-4	7.102	8.189	8849086	91662664	75.433	253.576 #
35)	L7 AR-1260-5	7.338	8.521	32243279	81068731	108.806	106.174
36)	L8 AR-1262-1	6.898	7.964	5498188	37782861	76.277	76.989
37)	L8 AR-1262-2	7.338	8.521	32243279	81068731	88.887	84.862
38)	L8 AR-1262-3	7.619	8.857	3949643	51226611	29.378	83.265 #
39)	L8 AR-1262-4	7.680	8.909	19725533	22868440	75.836	49.273 #
40)	L8 AR-1262-5	8.172	9.598	3783196	14901352	30.981	42.396 #
41)	L9 AR-1268-1	7.619	8.857	3949643	51226611	10.349	49.608 #

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 ALS Vial : 4 Sample Multiplier: 1

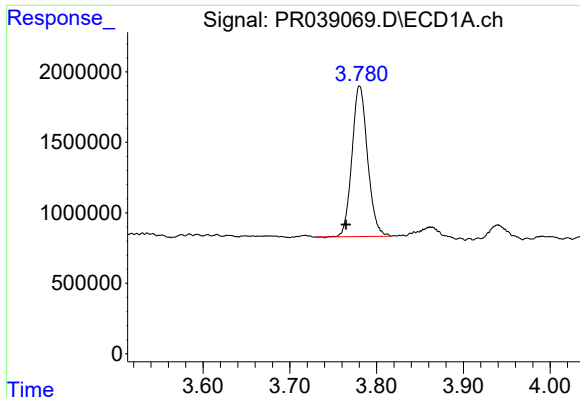
Instrument :
 ECD_R
 ClientSampleId :
 DRUM-COMPDL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 16:49:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR070119.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	7.680	8.909	19725533	22868440	56.041	23.576 #
44) L9	AR-1268-4	8.172	9.598	3783196	14901352	30.095	40.876 #
45) L9	AR-1268-5	8.463	10.016	1111497	4448962	1.146	1.495 #

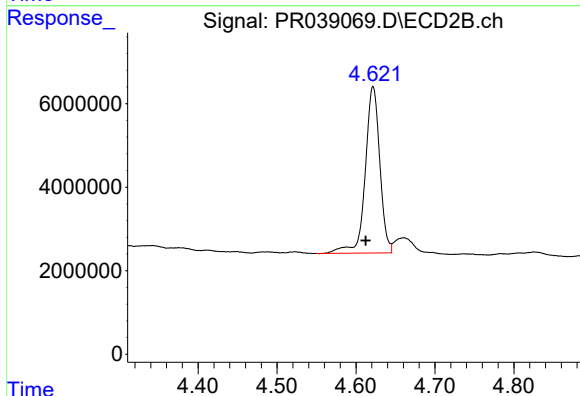
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

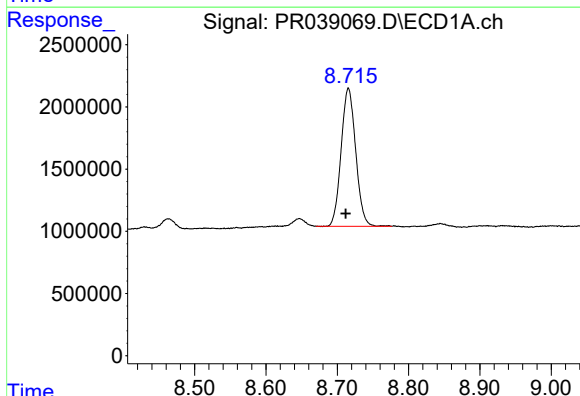
R.T.: 3.780 min
Delta R.T.: 0.015 min
Response: 13345556
Conc: 7.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



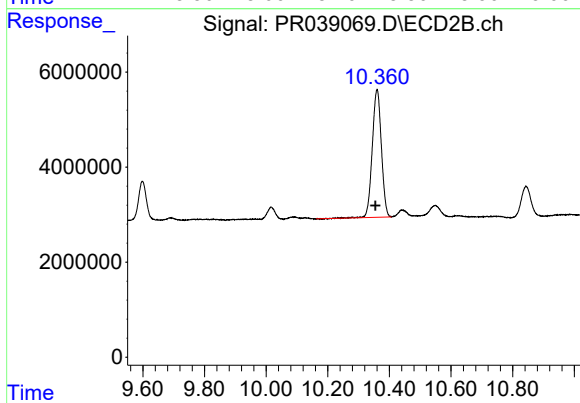
#1 Tetrachloro-m-xylene

R.T.: 4.622 min
Delta R.T.: 0.009 min
Response: 51153754
Conc: 8.02 ng/ml



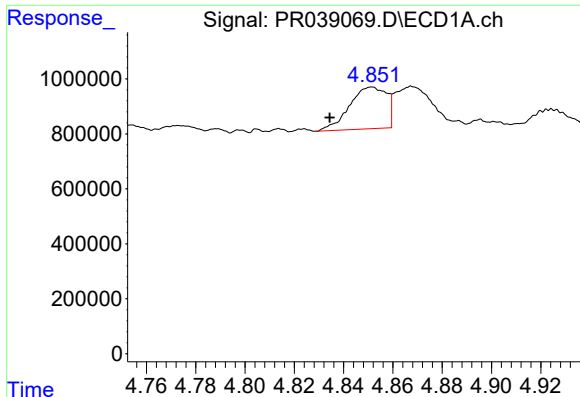
#2 Decachlorobiphenyl

R.T.: 8.716 min
Delta R.T.: 0.004 min
Response: 15735694
Conc: 6.80 ng/ml



#2 Decachlorobiphenyl

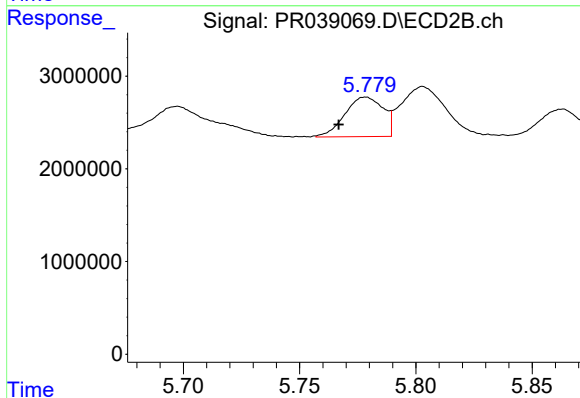
R.T.: 10.360 min
Delta R.T.: 0.005 min
Response: 55230503
Conc: 7.15 ng/ml



#3 AR-1016-1

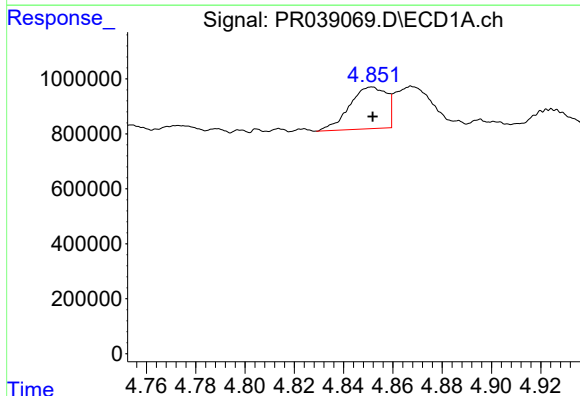
R.T.: 4.852 min
Delta R.T.: 0.017 min
Response: 1574800
Conc: 22.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



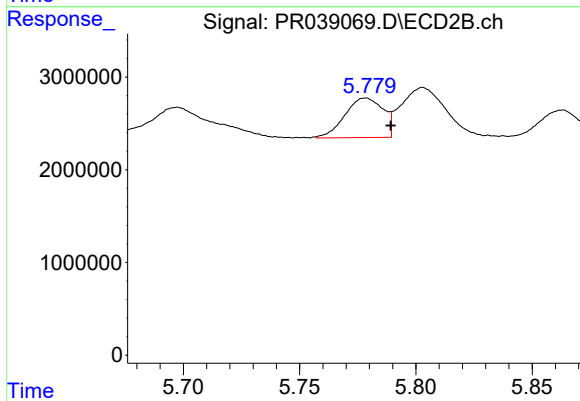
#3 AR-1016-1

R.T.: 5.778 min
Delta R.T.: 0.011 min
Response: 4866214
Conc: 19.50 ng/ml



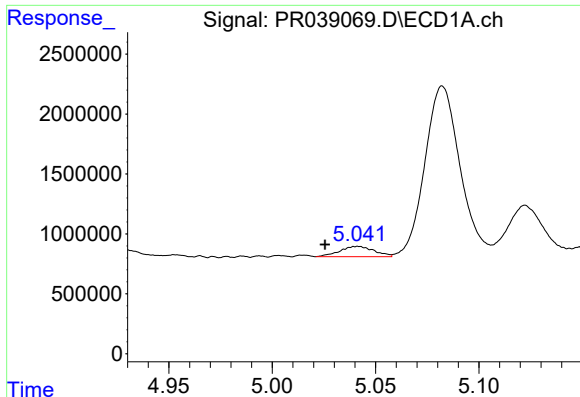
#4 AR-1016-2

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 1574800
Conc: 14.13 ng/ml



#4 AR-1016-2

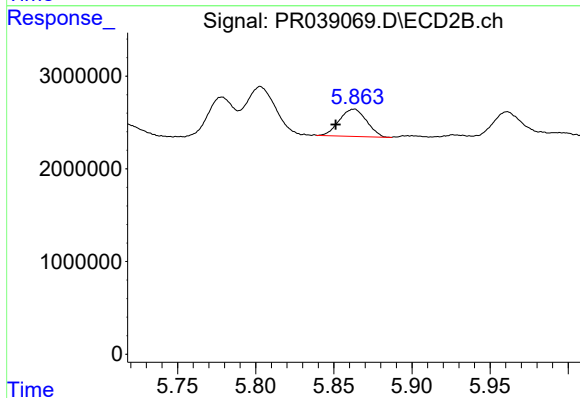
R.T.: 5.778 min
Delta R.T.: -0.011 min
Response: 4866214
Conc: 13.54 ng/ml



#5 AR-1016-3

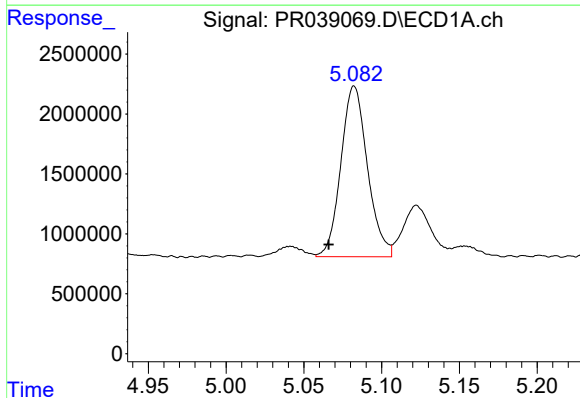
R.T.: 5.042 min
Delta R.T.: 0.016 min
Response: 992552
Conc: 19.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



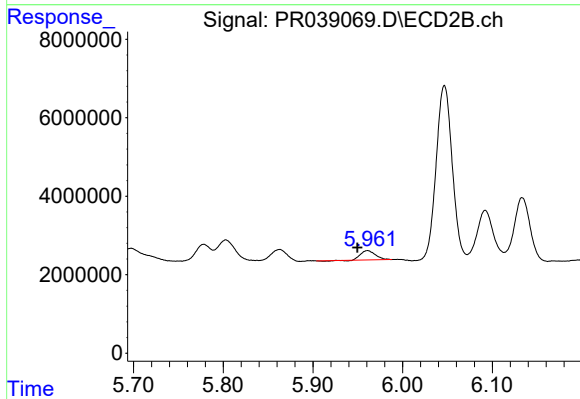
#5 AR-1016-3

R.T.: 5.863 min
Delta R.T.: 0.012 min
Response: 3570277
Conc: 16.66 ng/ml



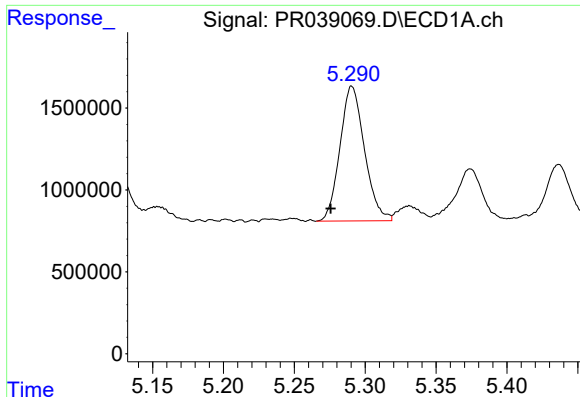
#6 AR-1016-4

R.T.: 5.082 min
Delta R.T.: 0.016 min
Response: 16937276
Conc: 403.26 ng/ml



#6 AR-1016-4

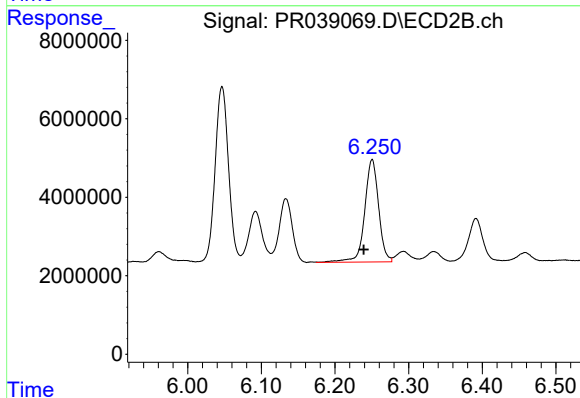
R.T.: 5.961 min
Delta R.T.: 0.011 min
Response: 2663952
Conc: 15.40 ng/ml



#7 AR-1016-5

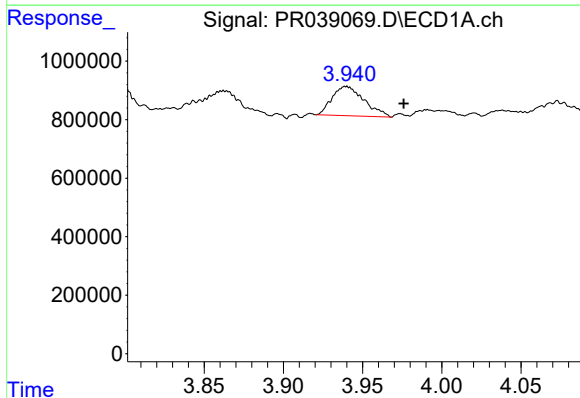
R.T.: 5.290 min
Delta R.T.: 0.015 min
Response: 9915015
Conc: 172.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



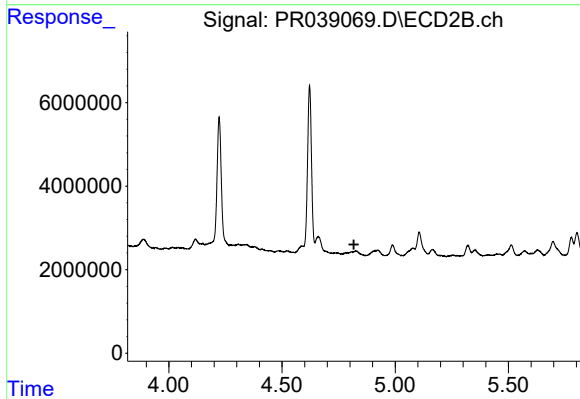
#7 AR-1016-5

R.T.: 6.250 min
Delta R.T.: 0.011 min
Response: 34420372
Conc: 197.31 ng/ml



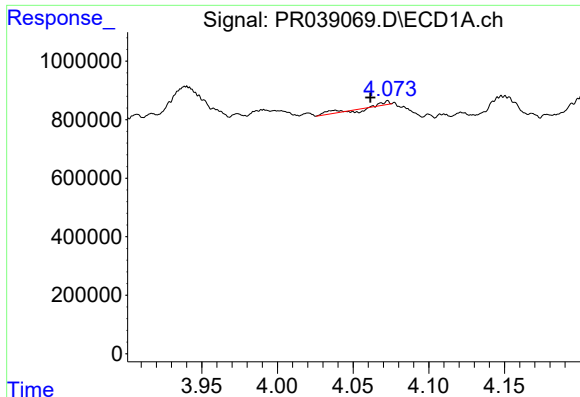
#8 AR-1221-1

R.T.: 3.940 min
Delta R.T.: -0.036 min
Response: 1407799
Conc: 85.40 ng/ml



#8 AR-1221-1

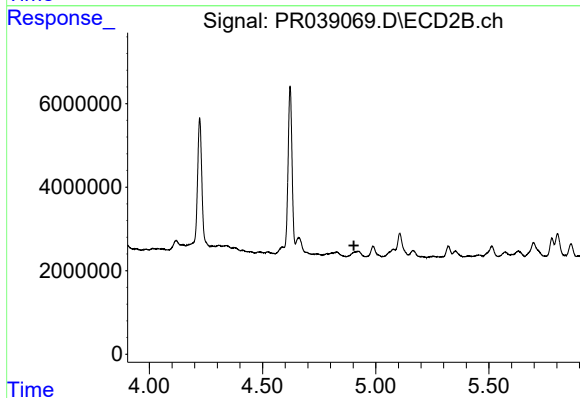
R.T.: 0.000 min
Exp R.T. : 4.817 min
Response: 0
Conc: N.D.



#9 AR-1221-2

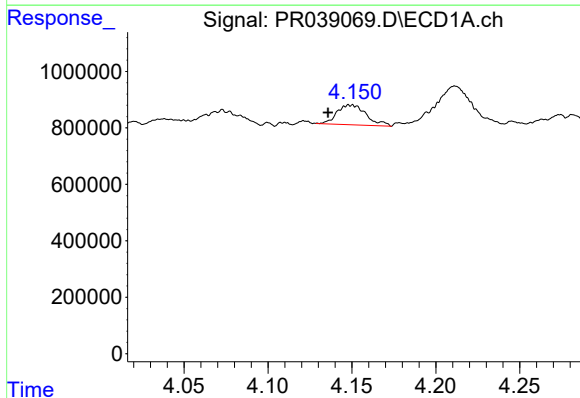
R.T.: 4.073 min
Delta R.T.: 0.011 min
Response: 56255
Conc: 4.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



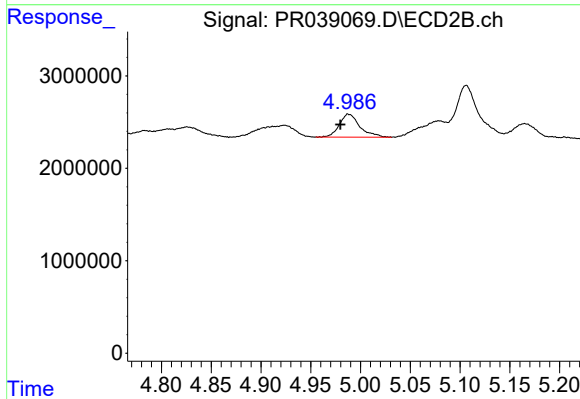
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.903 min
Response: 0
Conc: N.D.



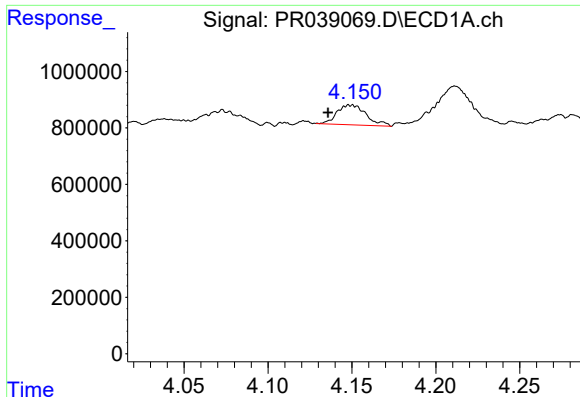
#10 AR-1221-3

R.T.: 4.148 min
Delta R.T.: 0.012 min
Response: 853377
Conc: 20.91 ng/ml



#10 AR-1221-3

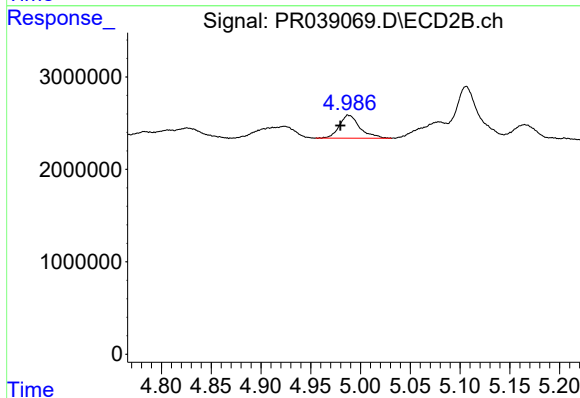
R.T.: 4.988 min
Delta R.T.: 0.008 min
Response: 3568449
Conc: 25.59 ng/ml



#11 AR-1232-1

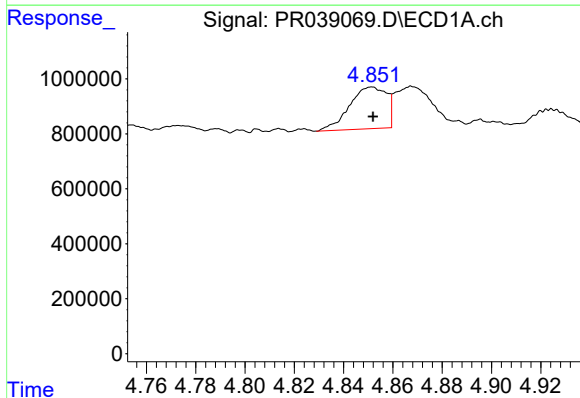
R.T.: 4.148 min
Delta R.T.: 0.012 min
Response: 853377
Conc: 24.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



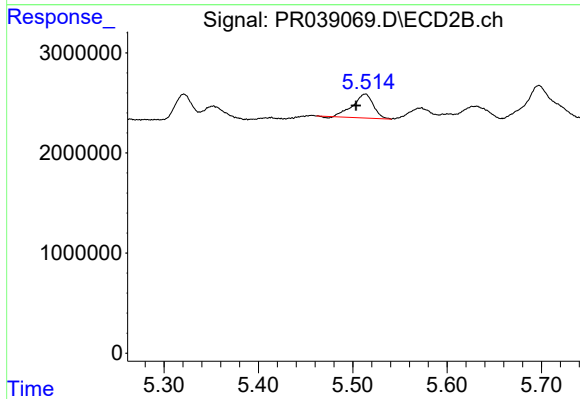
#11 AR-1232-1

R.T.: 4.988 min
Delta R.T.: 0.008 min
Response: 3568449
Conc: 30.92 ng/ml



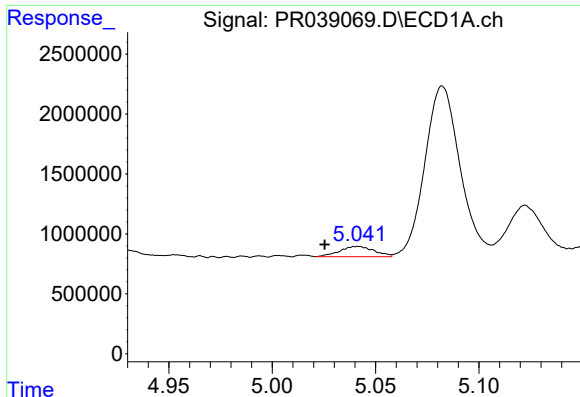
#12 AR-1232-2

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 1574800
Conc: 37.52 ng/ml



#12 AR-1232-2

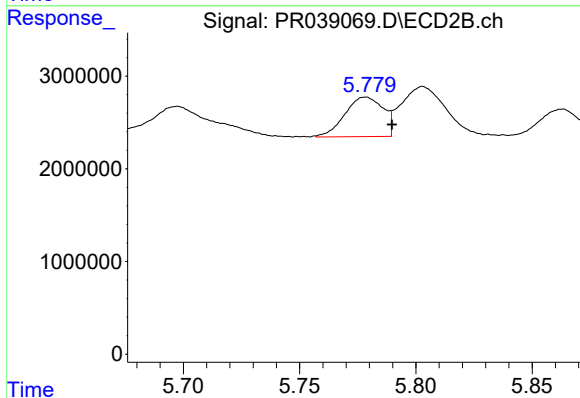
R.T.: 5.513 min
Delta R.T.: 0.010 min
Response: 3601922
Conc: 60.10 ng/ml



#13 AR-1232-3

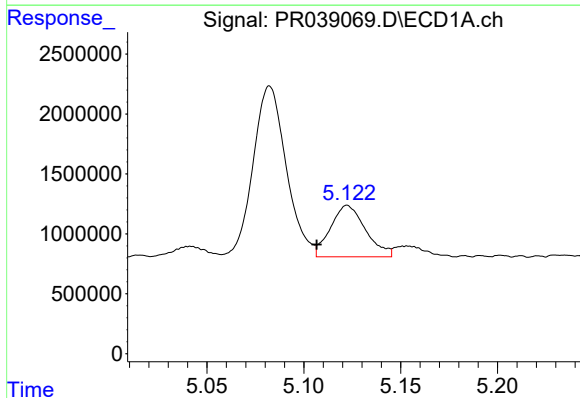
R.T.: 5.042 min
Delta R.T.: 0.016 min
Response: 992552
Conc: 52.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



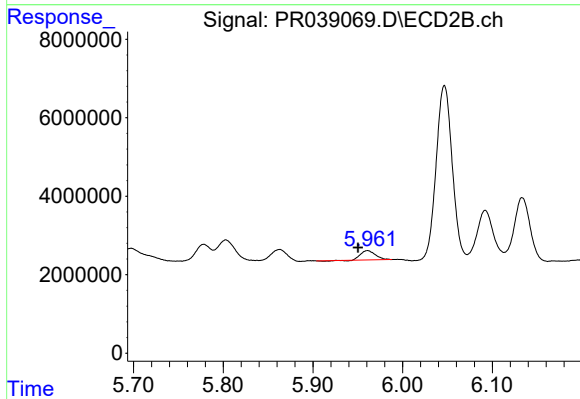
#13 AR-1232-3

R.T.: 5.778 min
Delta R.T.: -0.011 min
Response: 4866214
Conc: 36.30 ng/ml



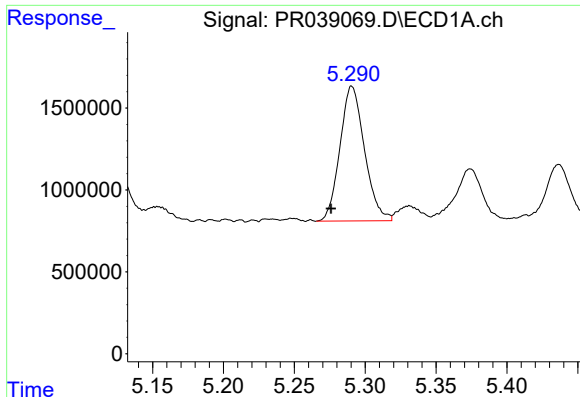
#14 AR-1232-4

R.T.: 5.122 min
Delta R.T.: 0.016 min
Response: 5413794
Conc: 304.23 ng/ml



#14 AR-1232-4

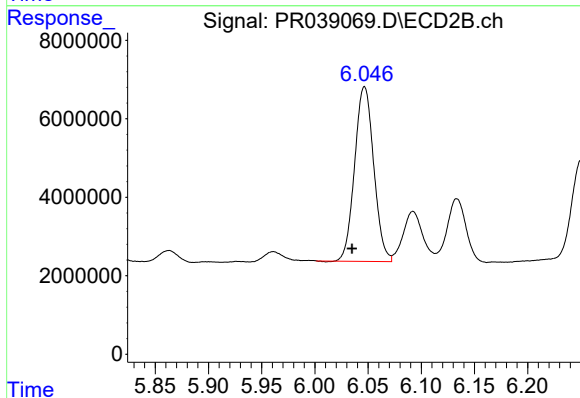
R.T.: 5.961 min
Delta R.T.: 0.011 min
Response: 2663952
Conc: 41.76 ng/ml



#15 AR-1232-5

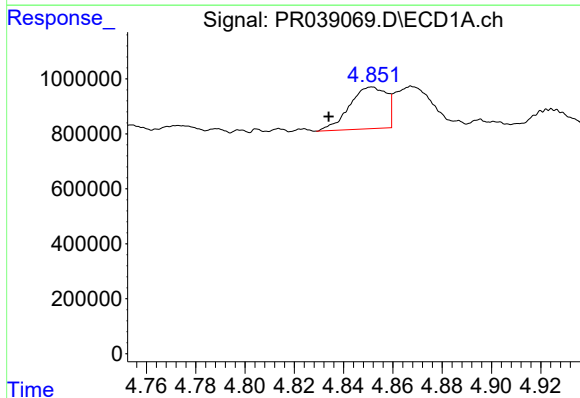
R.T.: 5.290 min
Delta R.T.: 0.015 min
Response: 9915015
Conc: 502.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



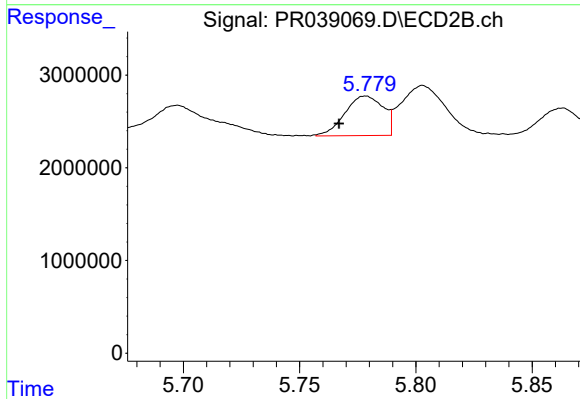
#15 AR-1232-5

R.T.: 6.047 min
Delta R.T.: 0.012 min
Response: 55570301
Conc: 1161.75 ng/ml



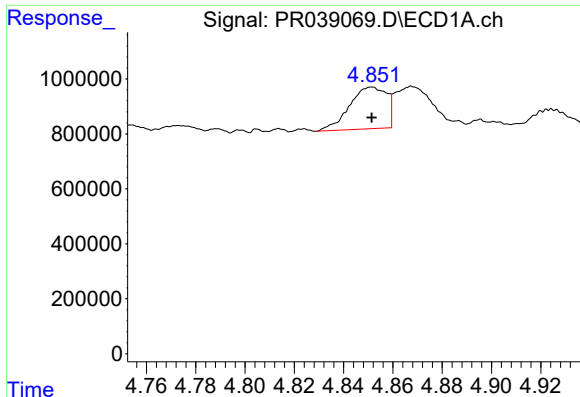
#16 AR-1242-1

R.T.: 4.852 min
Delta R.T.: 0.018 min
Response: 1574800
Conc: 28.52 ng/ml



#16 AR-1242-1

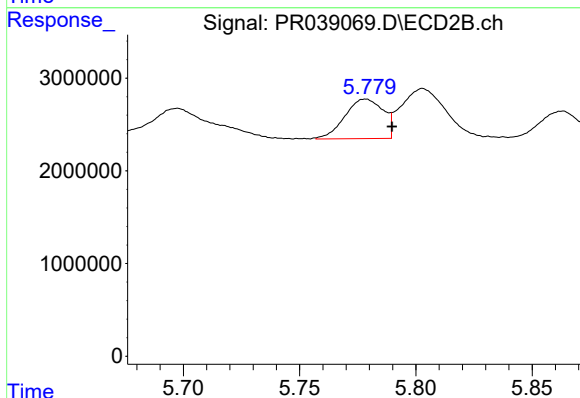
R.T.: 5.778 min
Delta R.T.: 0.011 min
Response: 4866214
Conc: 24.10 ng/ml



#17 AR-1242-2

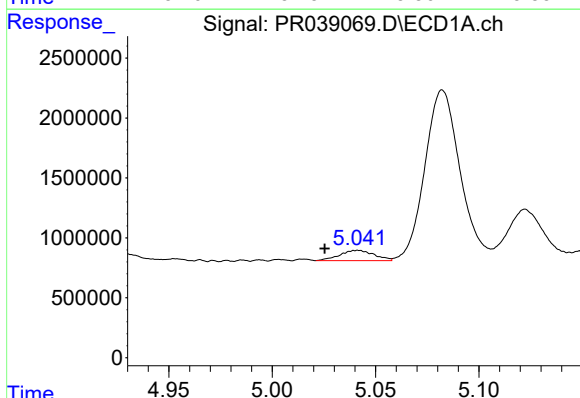
R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 1574800
Conc: 17.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



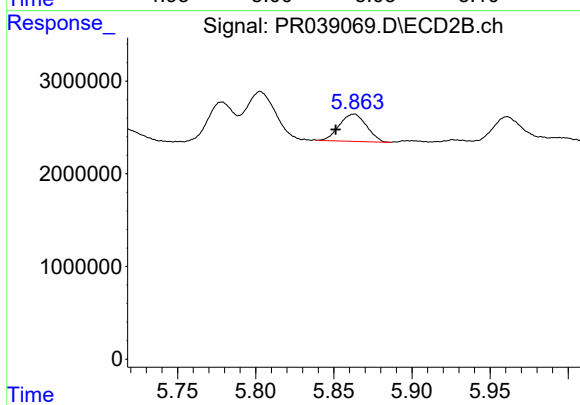
#17 AR-1242-2

R.T.: 5.778 min
Delta R.T.: -0.011 min
Response: 4866214
Conc: 17.04 ng/ml



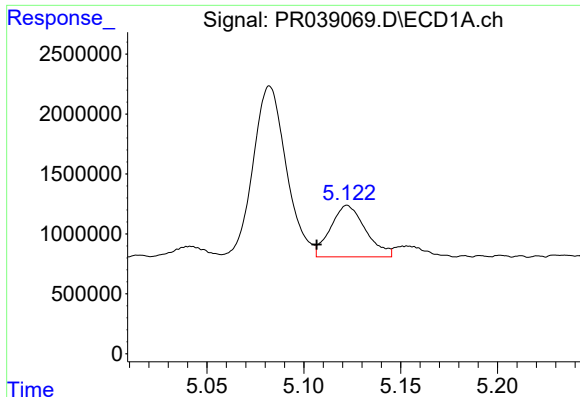
#18 AR-1242-3

R.T.: 5.042 min
Delta R.T.: 0.016 min
Response: 992552
Conc: 23.36 ng/ml



#18 AR-1242-3

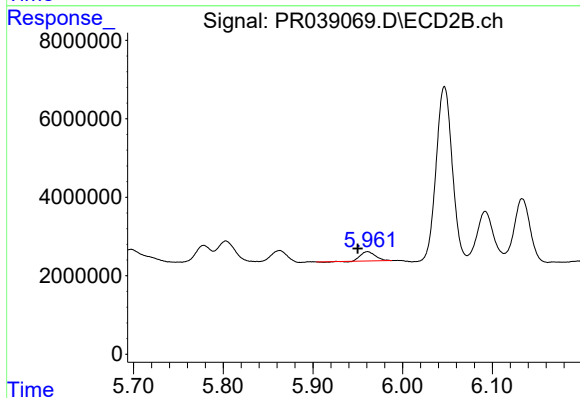
R.T.: 5.863 min
Delta R.T.: 0.012 min
Response: 3570277
Conc: 20.64 ng/ml



#19 AR-1242-4

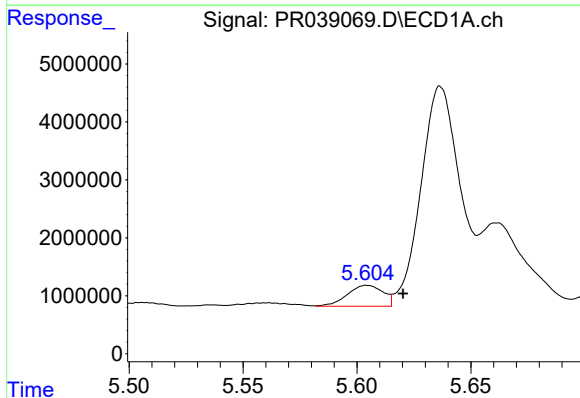
R.T.: 5.122 min
Delta R.T.: 0.016 min
Response: 5413794
Conc: 126.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



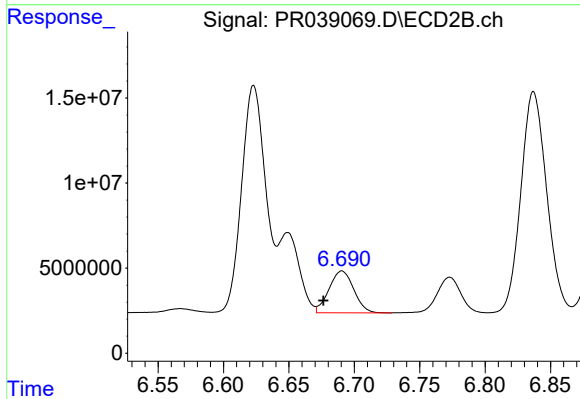
#19 AR-1242-4

R.T.: 5.961 min
Delta R.T.: 0.011 min
Response: 2663952
Conc: 18.87 ng/ml



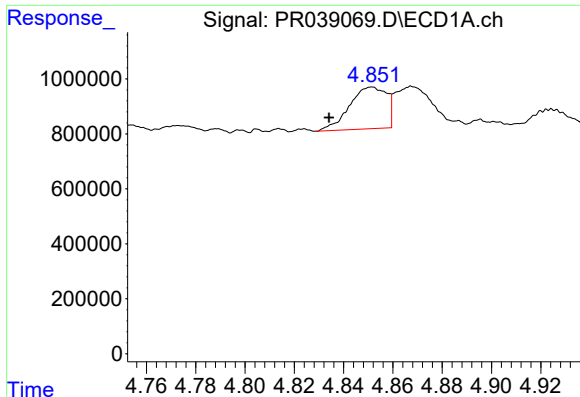
#20 AR-1242-5

R.T.: 5.604 min
Delta R.T.: -0.016 min
Response: 3936967
Conc: 65.58 ng/ml



#20 AR-1242-5

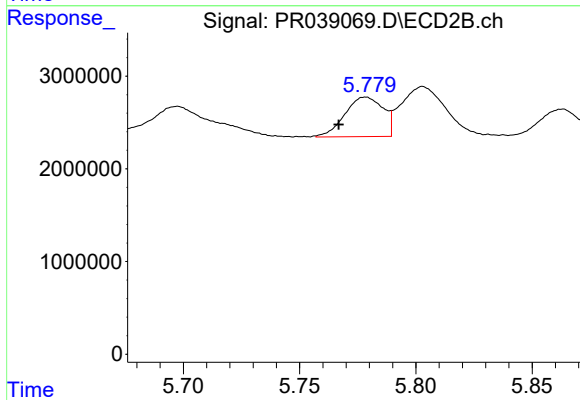
R.T.: 6.691 min
Delta R.T.: 0.014 min
Response: 32418306
Conc: 196.70 ng/ml



#21 AR-1248-1

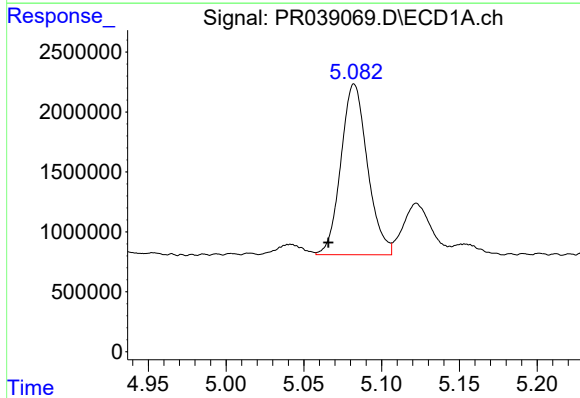
R.T.: 4.852 min
Delta R.T.: 0.018 min
Response: 1574800
Conc: 35.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



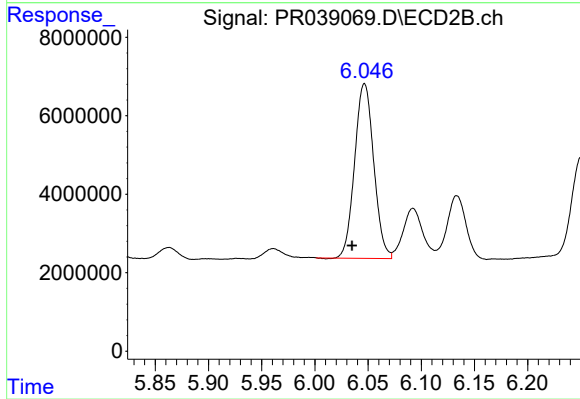
#21 AR-1248-1

R.T.: 5.778 min
Delta R.T.: 0.011 min
Response: 4866214
Conc: 31.56 ng/ml



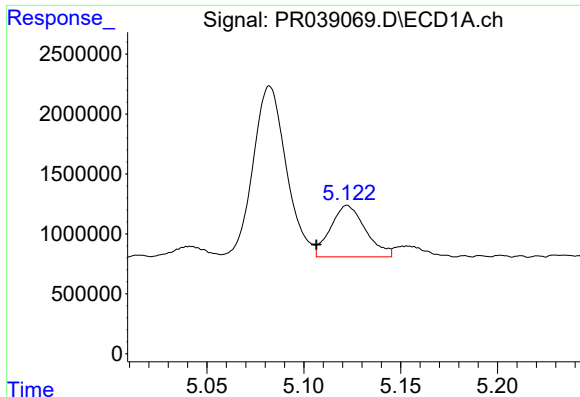
#22 AR-1248-2

R.T.: 5.082 min
Delta R.T.: 0.017 min
Response: 16937276
Conc: 283.10 ng/ml



#22 AR-1248-2

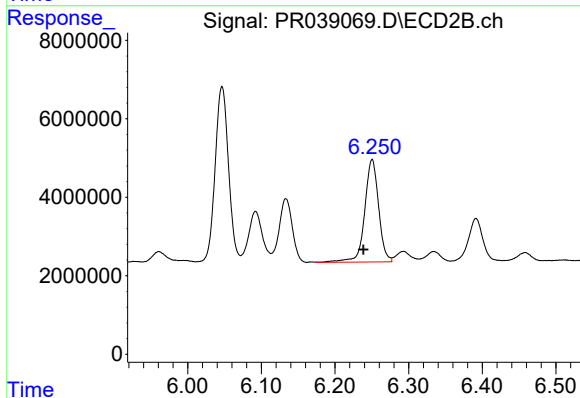
R.T.: 6.047 min
Delta R.T.: 0.012 min
Response: 55570301
Conc: 272.62 ng/ml



#23 AR-1248-3

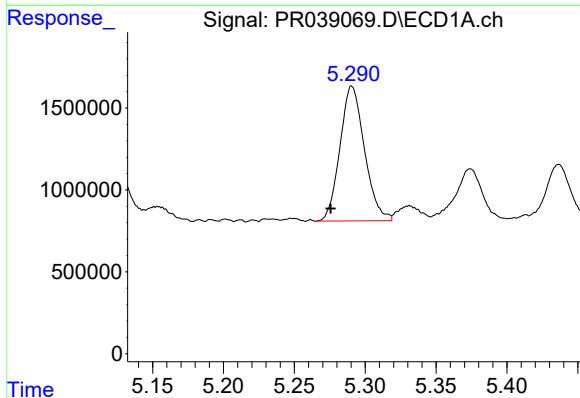
R.T.: 5.122 min
Delta R.T.: 0.016 min
Response: 5413794
Conc: 86.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



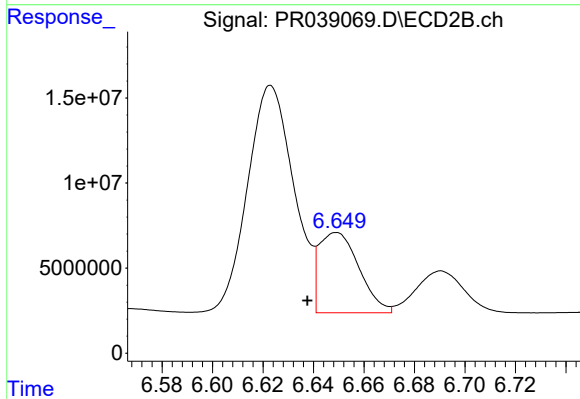
#23 AR-1248-3

R.T.: 6.250 min
Delta R.T.: 0.012 min
Response: 34420372
Conc: 146.15 ng/ml



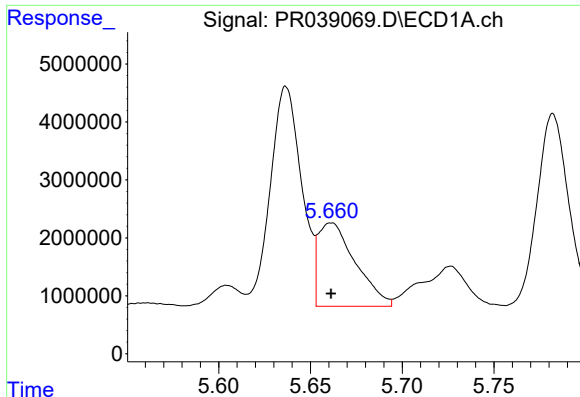
#24 AR-1248-4

R.T.: 5.290 min
Delta R.T.: 0.015 min
Response: 9915015
Conc: 126.72 ng/ml



#24 AR-1248-4

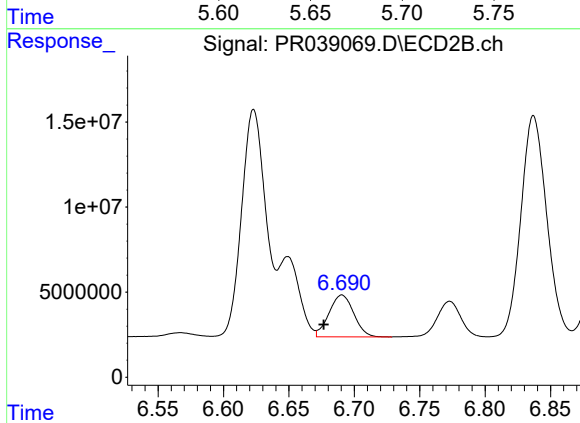
R.T.: 6.649 min
Delta R.T.: 0.012 min
Response: 51761972
Conc: 179.41 ng/ml



#25 AR-1248-5

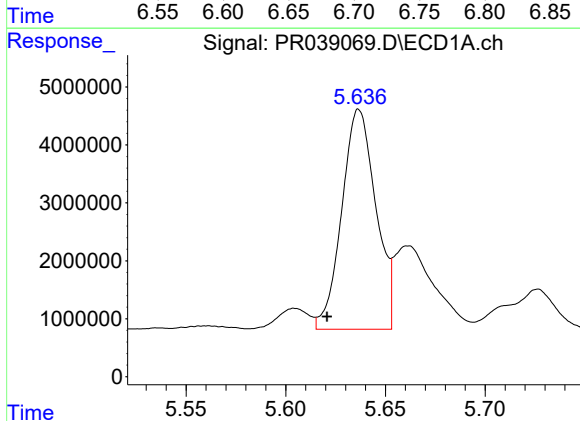
R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 20312796
Conc: 242.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



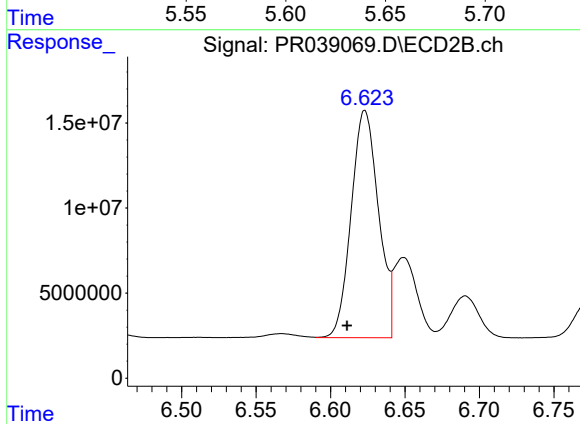
#25 AR-1248-5

R.T.: 6.691 min
Delta R.T.: 0.014 min
Response: 32418306
Conc: 118.41 ng/ml



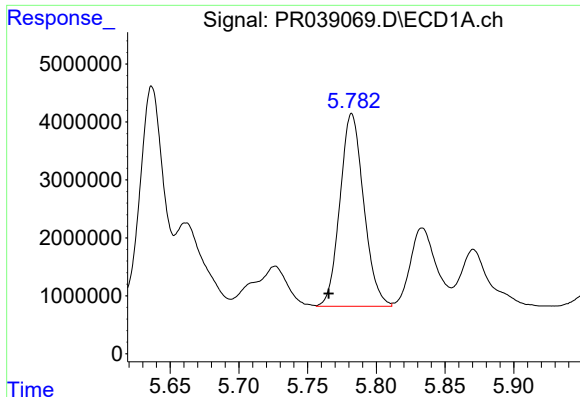
#26 AR-1254-1

R.T.: 5.637 min
Delta R.T.: 0.016 min
Response: 45131085
Conc: 433.00 ng/ml



#26 AR-1254-1

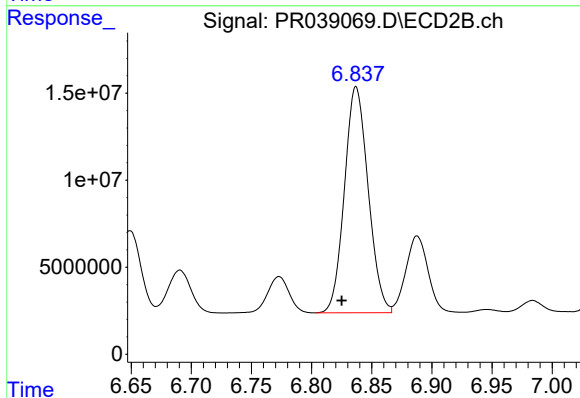
R.T.: 6.623 min
Delta R.T.: 0.012 min
Response: 170760584
Conc: 752.14 ng/ml



#27 AR-1254-2

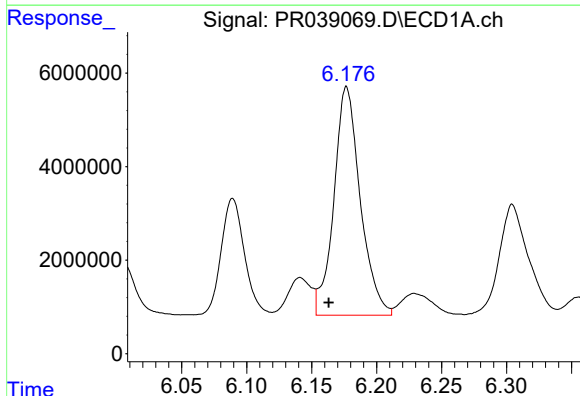
R.T.: 5.782 min
Delta R.T.: 0.017 min
Response: 40013496
Conc: 438.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



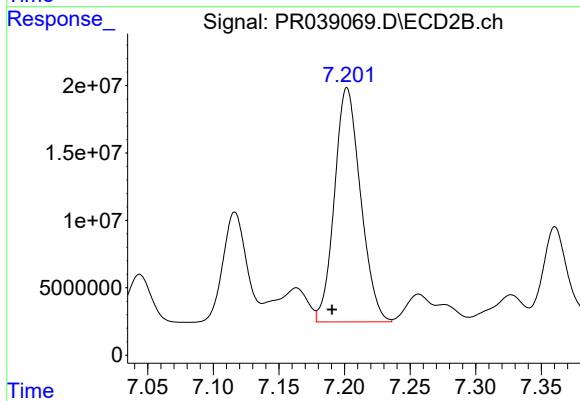
#27 AR-1254-2

R.T.: 6.837 min
Delta R.T.: 0.012 min
Response: 178315340
Conc: 497.96 ng/ml



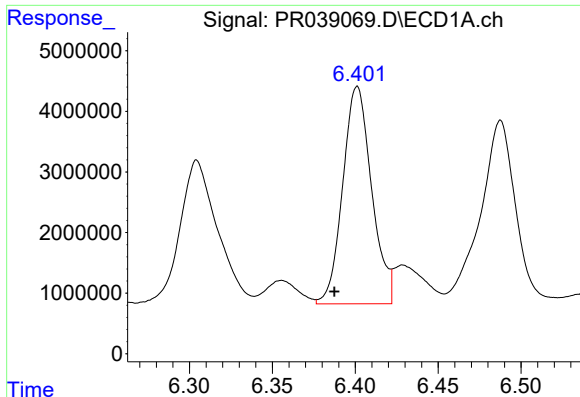
#28 AR-1254-3

R.T.: 6.177 min
Delta R.T.: 0.014 min
Response: 69048867
Conc: 439.28 ng/ml



#28 AR-1254-3

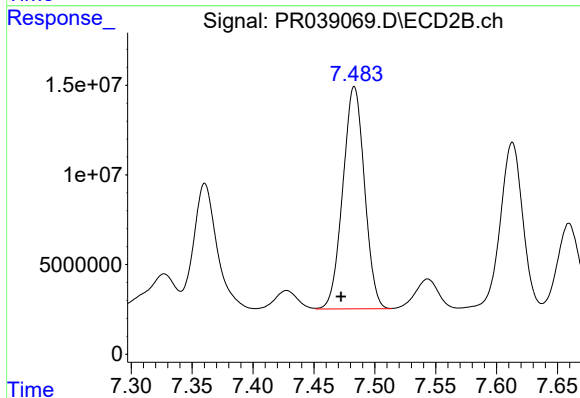
R.T.: 7.202 min
Delta R.T.: 0.011 min
Response: 240536218
Conc: 588.56 ng/ml



#29 AR-1254-4

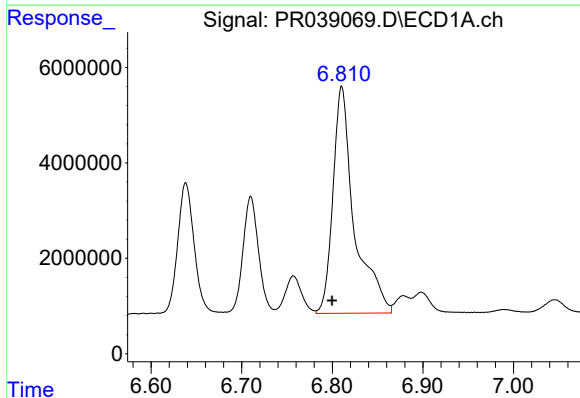
R.T.: 6.401 min
Delta R.T.: 0.014 min
Response: 43500517
Conc: 417.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



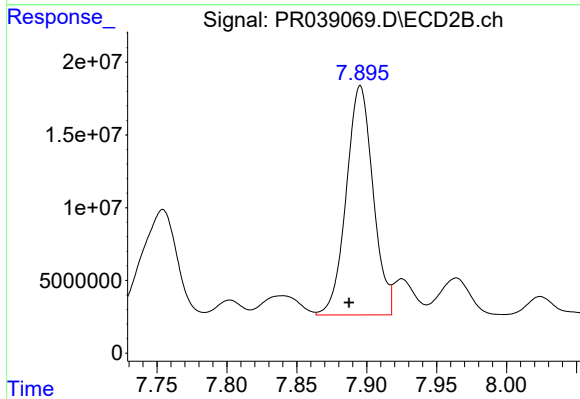
#29 AR-1254-4

R.T.: 7.483 min
Delta R.T.: 0.011 min
Response: 153611444
Conc: 493.81 ng/ml



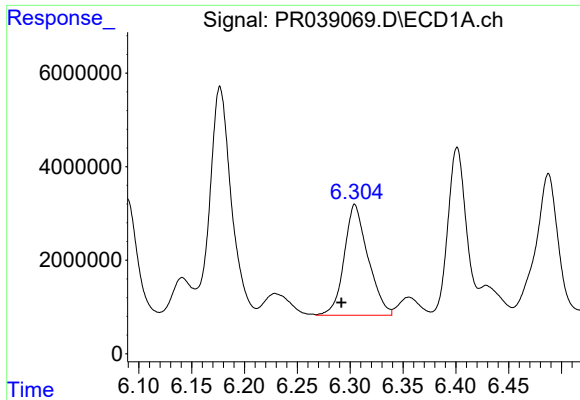
#30 AR-1254-5

R.T.: 6.810 min
Delta R.T.: 0.011 min
Response: 77892299
Conc: 547.02 ng/ml



#30 AR-1254-5

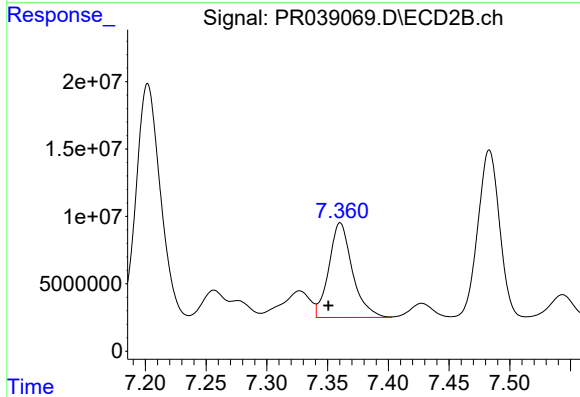
R.T.: 7.895 min
Delta R.T.: 0.008 min
Response: 210230091
Conc: 633.30 ng/ml



#31 AR-1260-1

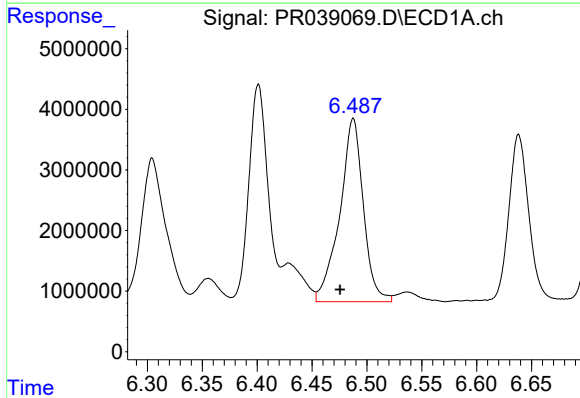
R.T.: 6.304 min
Delta R.T.: 0.013 min
Response: 37226291
Conc: 316.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



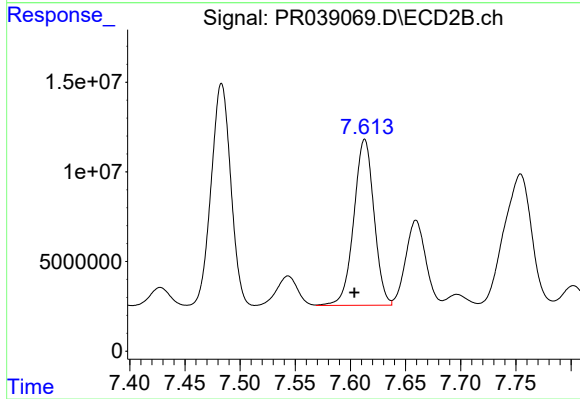
#31 AR-1260-1

R.T.: 7.360 min
Delta R.T.: 0.010 min
Response: 94522788
Conc: 288.71 ng/ml



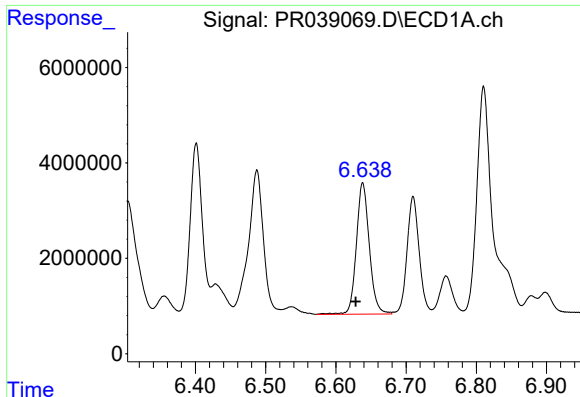
#32 AR-1260-2

R.T.: 6.488 min
Delta R.T.: 0.012 min
Response: 45287551
Conc: 303.73 ng/ml



#32 AR-1260-2

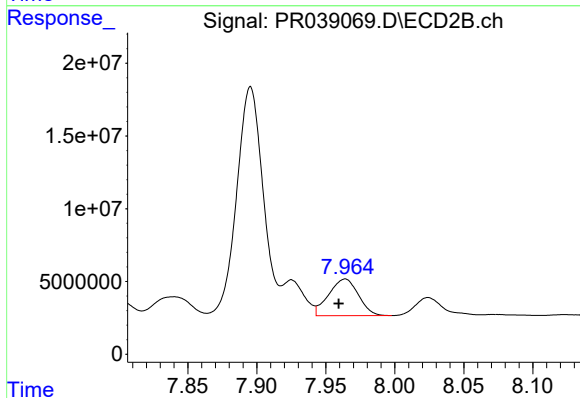
R.T.: 7.613 min
Delta R.T.: 0.009 min
Response: 117801687
Conc: 293.01 ng/ml



#33 AR-1260-3

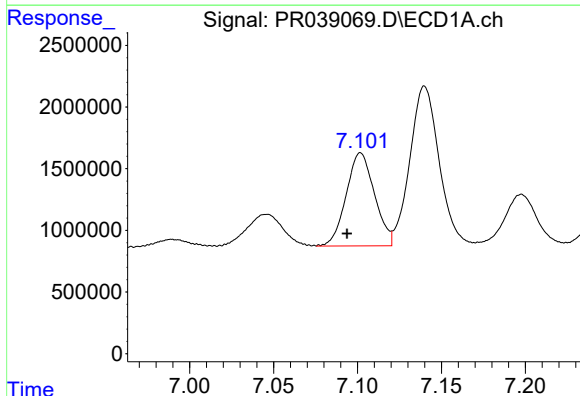
R.T.: 6.638 min
Delta R.T.: 0.010 min
Response: 35280676
Conc: 259.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



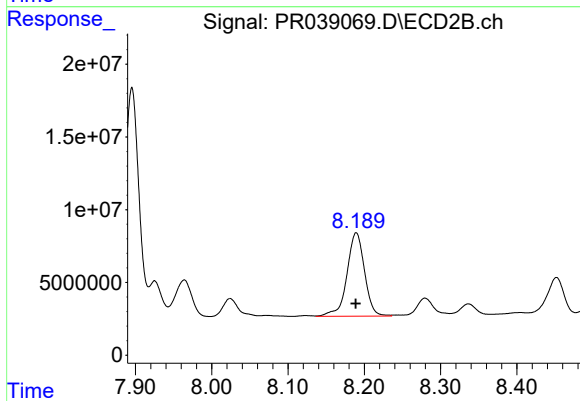
#33 AR-1260-3

R.T.: 7.964 min
Delta R.T.: 0.005 min
Response: 37782861
Conc: 121.14 ng/ml



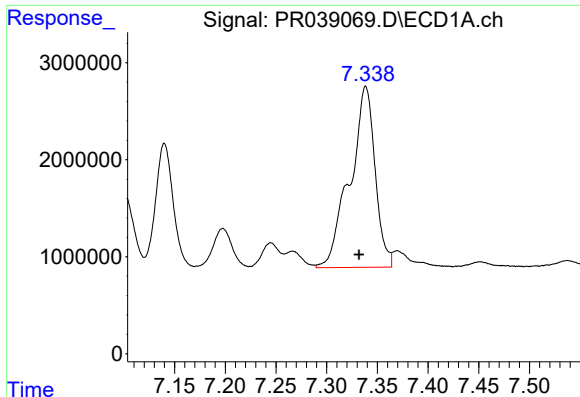
#34 AR-1260-4

R.T.: 7.102 min
Delta R.T.: 0.008 min
Response: 8849086
Conc: 75.43 ng/ml



#34 AR-1260-4

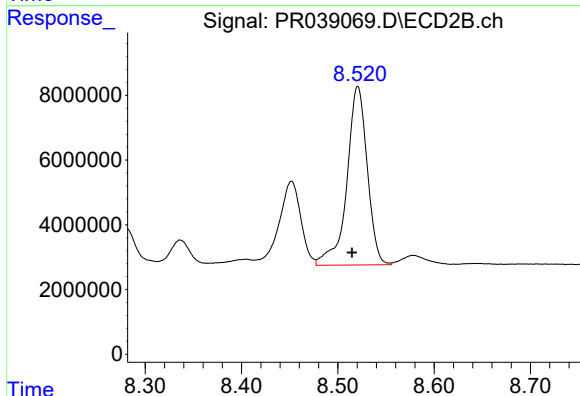
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 91662664
Conc: 253.58 ng/ml



#35 AR-1260-5

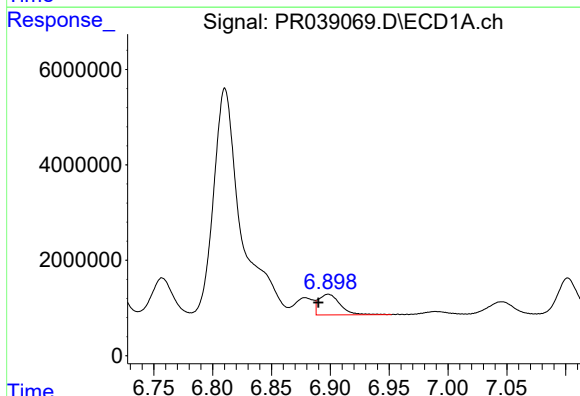
R.T.: 7.338 min
Delta R.T.: 0.007 min
Response: 32243279
Conc: 108.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



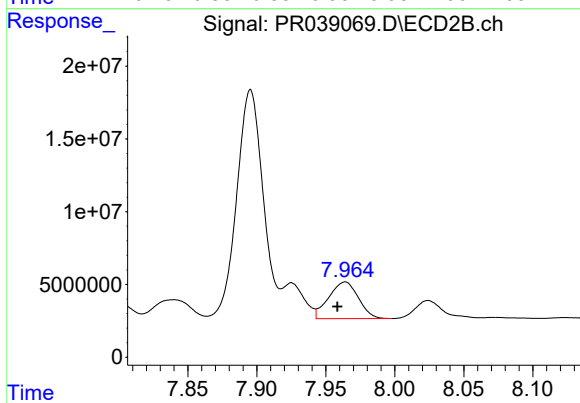
#35 AR-1260-5

R.T.: 8.521 min
Delta R.T.: 0.006 min
Response: 81068731
Conc: 106.17 ng/ml



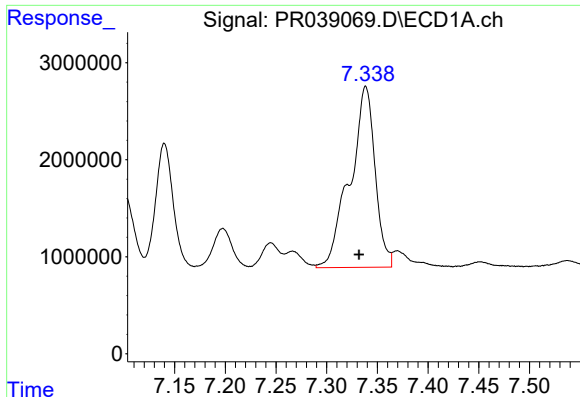
#36 AR-1262-1

R.T.: 6.898 min
Delta R.T.: 0.008 min
Response: 5498188
Conc: 76.28 ng/ml



#36 AR-1262-1

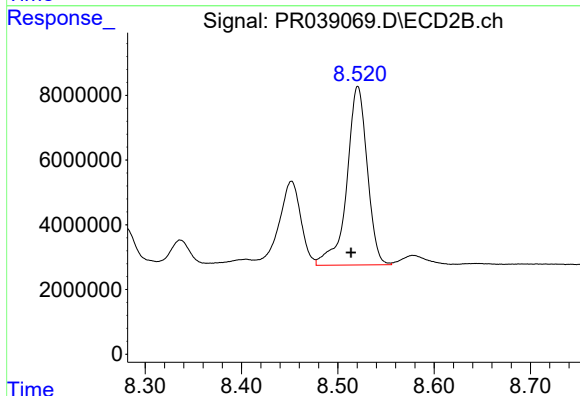
R.T.: 7.964 min
Delta R.T.: 0.006 min
Response: 37782861
Conc: 76.99 ng/ml



#37 AR-1262-2

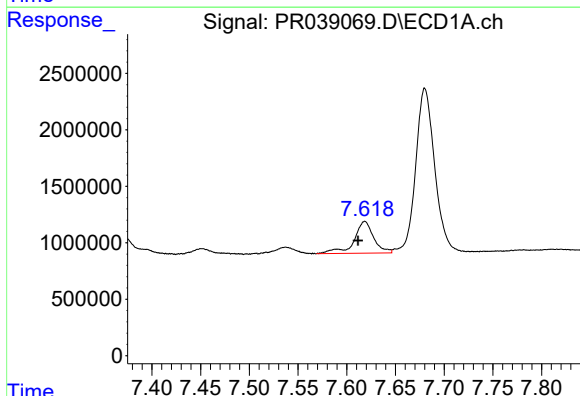
R.T.: 7.338 min
Delta R.T.: 0.006 min
Response: 32243279
Conc: 88.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



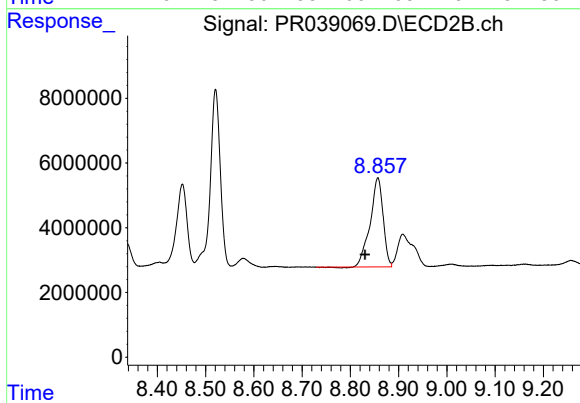
#37 AR-1262-2

R.T.: 8.521 min
Delta R.T.: 0.007 min
Response: 81068731
Conc: 84.86 ng/ml



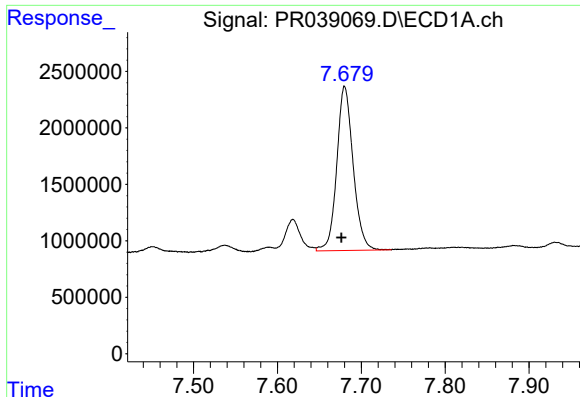
#38 AR-1262-3

R.T.: 7.619 min
Delta R.T.: 0.007 min
Response: 3949643
Conc: 29.38 ng/ml



#38 AR-1262-3

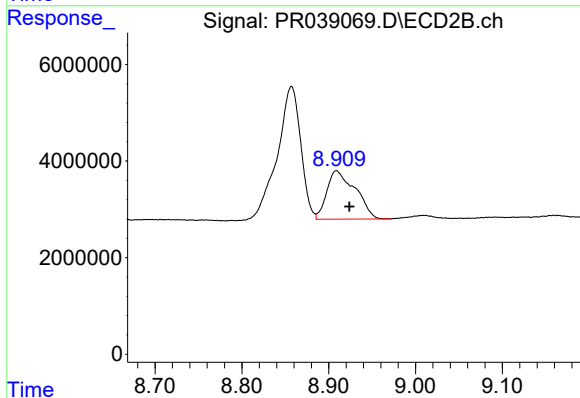
R.T.: 8.857 min
Delta R.T.: 0.026 min
Response: 51226611
Conc: 83.26 ng/ml



#39 AR-1262-4

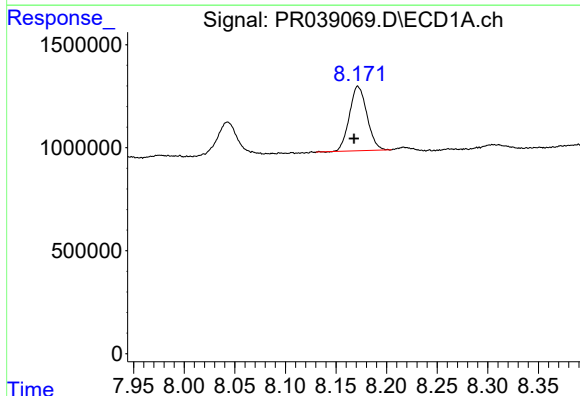
R.T.: 7.680 min
Delta R.T.: 0.004 min
Response: 19725533
Conc: 75.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



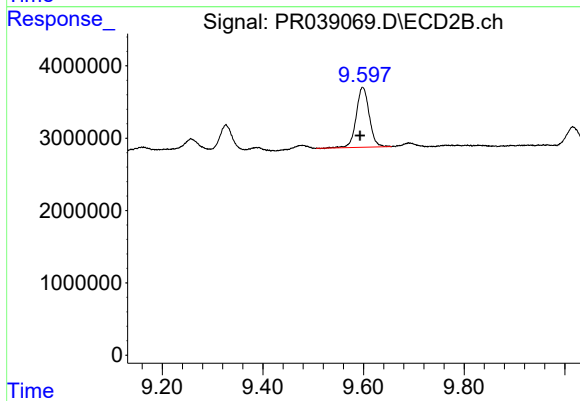
#39 AR-1262-4

R.T.: 8.909 min
Delta R.T.: -0.015 min
Response: 22868440
Conc: 49.27 ng/ml



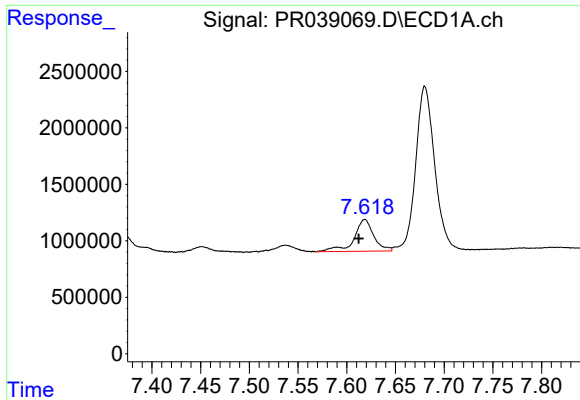
#40 AR-1262-5

R.T.: 8.172 min
Delta R.T.: 0.004 min
Response: 3783196
Conc: 30.98 ng/ml



#40 AR-1262-5

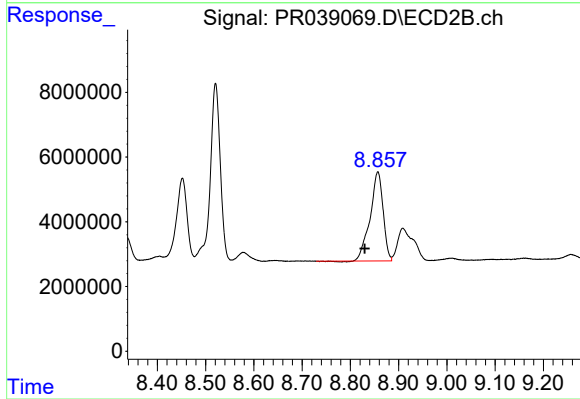
R.T.: 9.598 min
Delta R.T.: 0.005 min
Response: 14901352
Conc: 42.40 ng/ml



#41 AR-1268-1

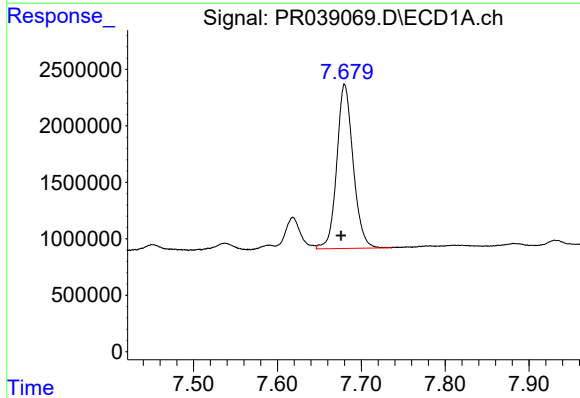
R.T.: 7.619 min
Delta R.T.: 0.006 min
Response: 3949643
Conc: 10.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



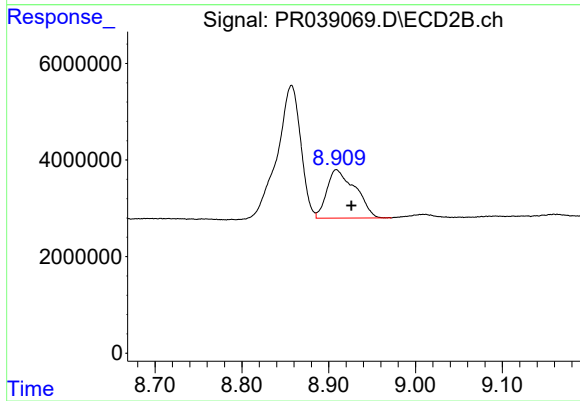
#41 AR-1268-1

R.T.: 8.857 min
Delta R.T.: 0.028 min
Response: 51226611
Conc: 49.61 ng/ml



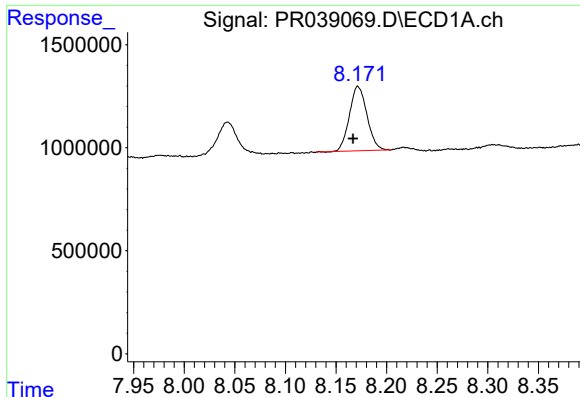
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: 0.004 min
Response: 19725533
Conc: 56.04 ng/ml



#42 AR-1268-2

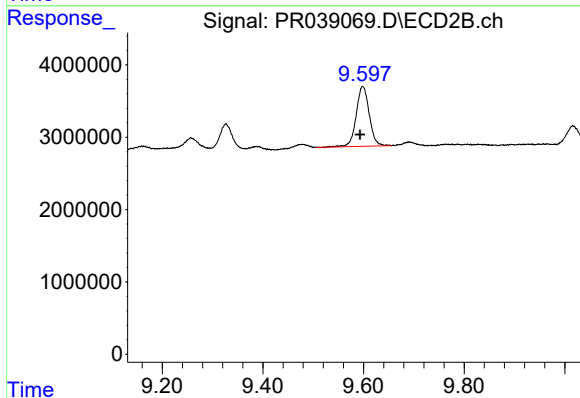
R.T.: 8.909 min
Delta R.T.: -0.017 min
Response: 22868440
Conc: 23.58 ng/ml



#44 AR-1268-4

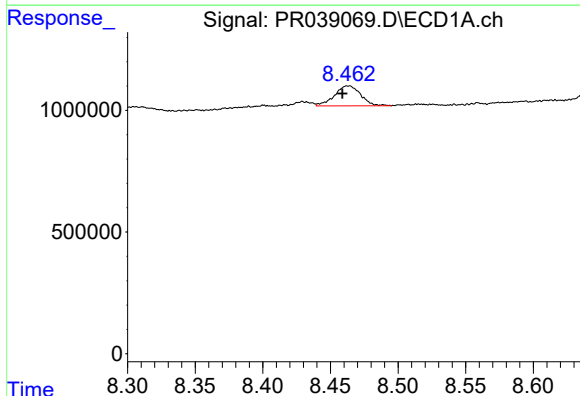
R.T.: 8.172 min
Delta R.T.: 0.005 min
Response: 3783196
Conc: 30.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
DRUM-COMPDL



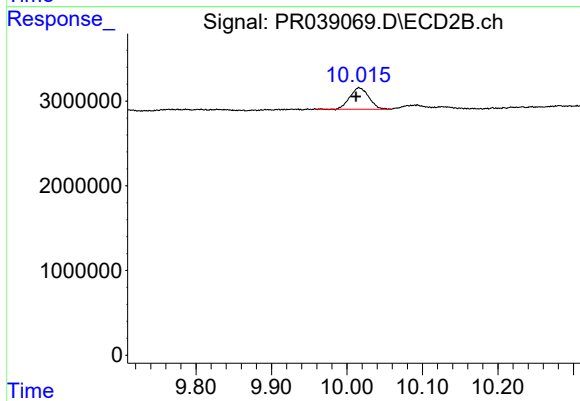
#44 AR-1268-4

R.T.: 9.598 min
Delta R.T.: 0.005 min
Response: 14901352
Conc: 40.88 ng/ml



#45 AR-1268-5

R.T.: 8.463 min
Delta R.T.: 0.004 min
Response: 1111497
Conc: 1.15 ng/ml



#45 AR-1268-5

R.T.: 10.016 min
Delta R.T.: 0.004 min
Response: 4448962
Conc: 1.49 ng/ml