

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102219\
 Data File : PR042463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2019 16:40
 Operator : SM\AJ
 Sample : K5463-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AZ1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 17:37:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.723	3.984	58307275	233.4E6	14.333	15.261
2)	SA Decachlor...	10.648	9.093	88870675	266.6E6	25.863	26.891
Target Compounds							
3)	L1 AR-1016-1	5.925	5.081	46974360	33327362	327.190	61.309 #
4)	L1 AR-1016-2	5.925	5.101	46974360	106.4E6	229.707	147.479 #
5)	L1 AR-1016-3	5.992	5.280	5262700	57790383	43.288	158.483 #
6)	L1 AR-1016-4	6.087	5.319	17257151	1092.7E6	169.685	3937.638 #
7)	L1 AR-1016-5	6.382	5.535	268.2E6	616.6E6	2693.340	1993.949 #
8)	L2 AR-1221-1	0.000	4.183	0	10745171	N.D.	63.604 #
9)	L2 AR-1221-2	0.000	4.255	0	4486695	N.D.	36.508 #
12)	L3 AR-1232-2	5.633	5.101	6531430	106.4E6	151.616	312.595 #
13)	L3 AR-1232-3	5.925	5.280	46974360	57790383	522.429	343.147 #
14)	L3 AR-1232-4	6.087	5.361	17257151	364.9E6	387.769	2562.011 #
15)	L3 AR-1232-5	6.174	5.535	420.4E6	616.6E6	12796.490	4575.518 #
16)	L4 AR-1242-1	5.925	5.081	46974360	33327362	425.973	78.473 #
17)	L4 AR-1242-2	5.925	5.101	46974360	106.4E6	302.571	187.041 #
18)	L4 AR-1242-3	5.992	5.280	5262700	57790383	56.088	200.239 #
19)	L4 AR-1242-4	6.087	5.361	17257151	364.9E6	222.135	1401.848 #
20)	L4 AR-1242-5	6.828	5.890	357.4E6	2438.9E6	4083.218	9193.120 #
21)	L5 AR-1248-1	5.925	5.081	46974360	33327362	564.512	102.250 #
22)	L5 AR-1248-2	6.174	5.319	420.4E6	1092.7E6	3663.351	2933.742
23)	L5 AR-1248-3	6.382	5.361	268.2E6	364.9E6	2068.365	974.918 #
24)	L5 AR-1248-4	6.759	5.535	1284.0E6	616.6E6	8367.593	1548.059 #
25)	L5 AR-1248-5	6.828	5.930	357.4E6	495.1E6	2468.387	1417.530 #
26)	L6 AR-1254-1	6.759	5.890	1284.0E6	2438.9E6	7862.119	4603.954 #
27)	L6 AR-1254-2	6.977	6.036	1829.2E6	3147.1E6	7372.675	6277.131
28)	L6 AR-1254-3	7.347	6.443	2351.1E6	6416.9E6	8712.185	6801.539
29)	L6 AR-1254-4	7.633	6.671	1936.4E6	5337.5E6	9540.977	8061.661
30)	L6 AR-1254-5	8.053	7.091	2439.7E6	7302.3E6	11472.557	8504.461 #
31)	L7 AR-1260-1	7.509	6.574	830.1E6	2513.4E6	4381.162	4240.143
32)	L7 AR-1260-2	7.764	6.760	1119.0E6	3235.7E6	4734.352	3968.856
33)	L7 AR-1260-3	8.118	6.915	211.2E6	2747.3E6	1125.101	3974.095 #
34)	L7 AR-1260-4	8.356	7.390	824.7E6	338.3E6	4103.746	582.931 #
35)	L7 AR-1260-5	8.704	7.628	340.7E6	1001.9E6	787.086	616.239
36)	L8 AR-1262-1	8.186	7.091	67572063	7302.3E6	717.854	16756.790 #
37)	L8 AR-1262-2	8.704	7.628	340.7E6	1001.9E6	789.913	582.001 #
38)	L8 AR-1262-3	9.058	7.915	220.4E6	89328585	790.857	136.855 #
39)	L8 AR-1262-4	9.110	7.978	59922574	829.0E6	292.492	709.379 #
40)	L8 AR-1262-5	9.836	8.496	26424968	87902962	183.190	164.333
41)	L9 AR-1268-1	8.993	7.915	2381301	89328585	4.336	40.741 #
42)	L9 AR-1268-2	9.110	7.978	59922574	829.0E6	120.526	416.596 #
43)	L9 AR-1268-3	9.378	8.193	2588917	9428234	6.347	5.626
44)	L9 AR-1268-4	9.836	8.496	26424968	87902962	150.614	136.209

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Operator : SM\AJ
Sample : K5463-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
C0AZ1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 17:37:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 04 06:59:35 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	10.283	8.813	10401032	30360863	7.982	6.616

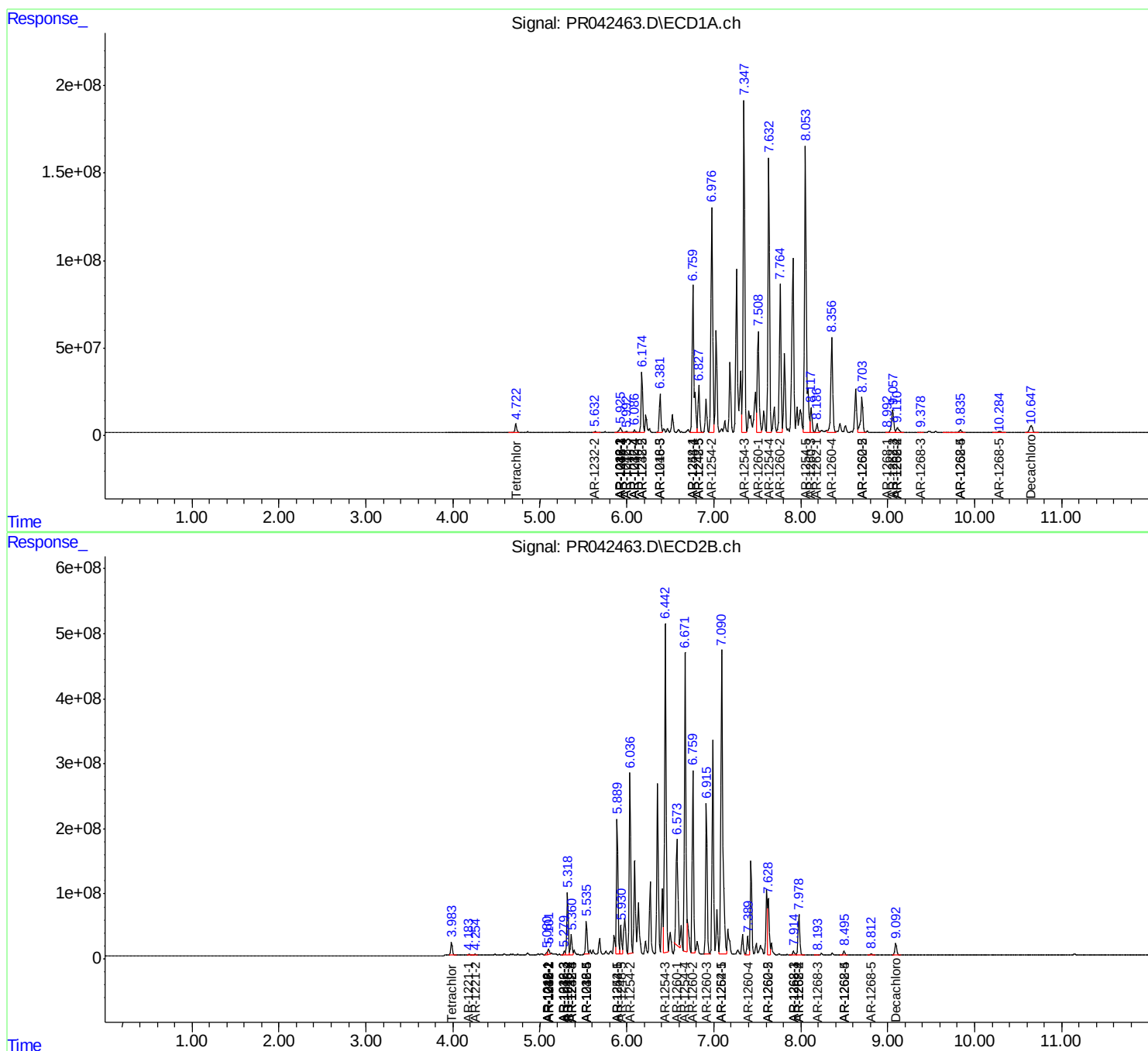
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

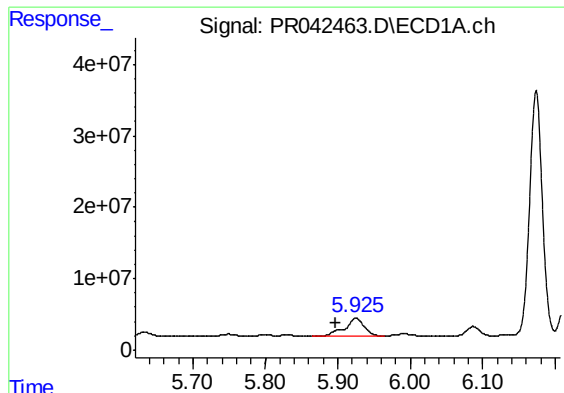
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102219\
Data File : PR042463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2019 16:40
Operator : SM\AJ
Sample : K5463-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
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Integration File signal 1: autoint1.e
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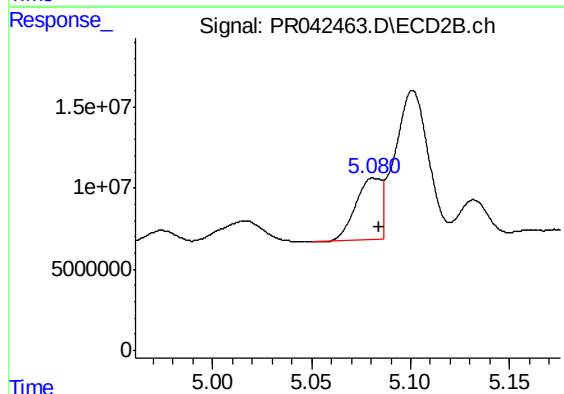




#3 AR-1016-1

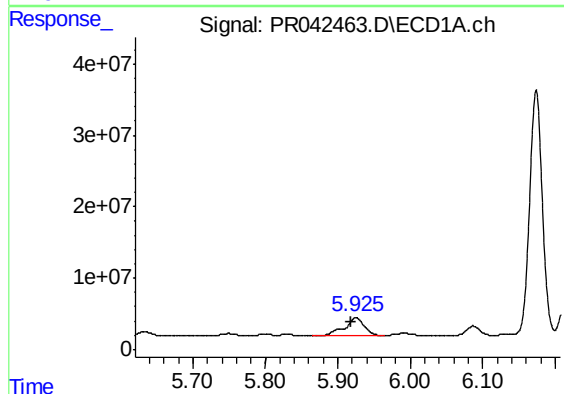
R.T.: 5.925 min
Delta R.T.: 0.028 min
Response: 46974360
Conc: 327.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



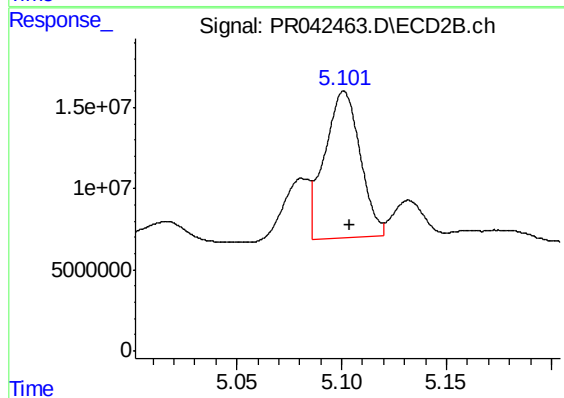
#3 AR-1016-1

R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 33327362
Conc: 61.31 ng/ml



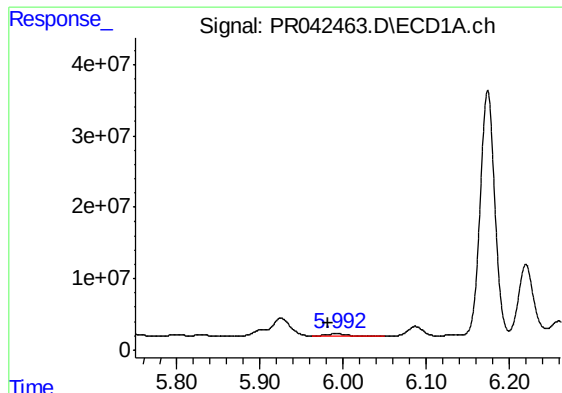
#4 AR-1016-2

R.T.: 5.925 min
Delta R.T.: 0.006 min
Response: 46974360
Conc: 229.71 ng/ml



#4 AR-1016-2

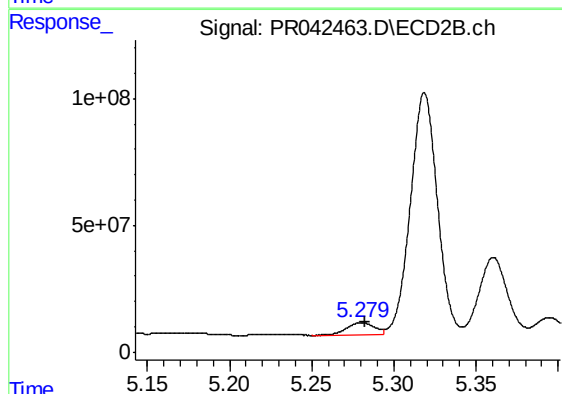
R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 106446682
Conc: 147.48 ng/ml



#5 AR-1016-3

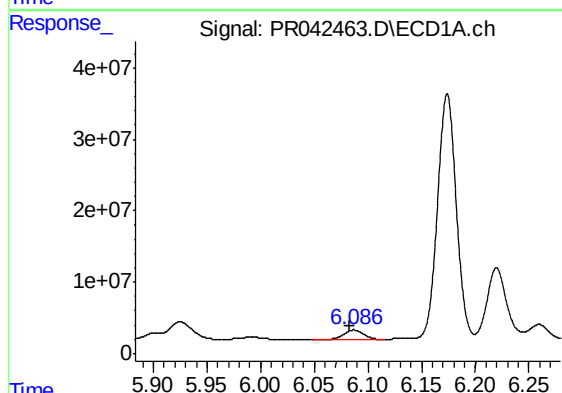
R.T.: 5.992 min
Delta R.T.: 0.009 min
Response: 5262700
Conc: 43.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



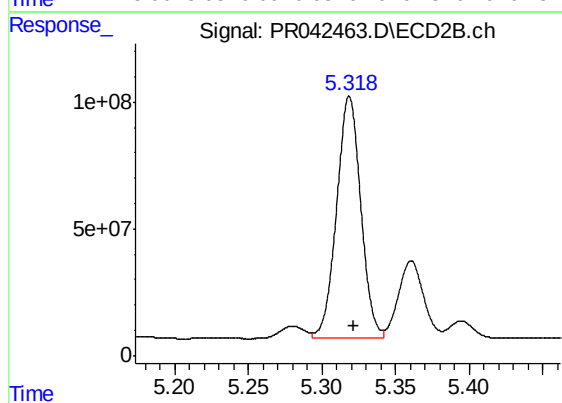
#5 AR-1016-3

R.T.: 5.280 min
Delta R.T.: -0.003 min
Response: 57790383
Conc: 158.48 ng/ml



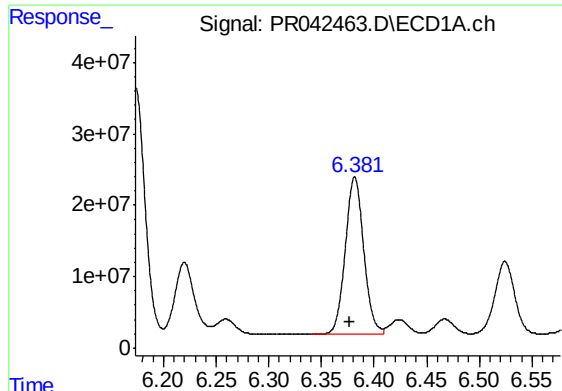
#6 AR-1016-4

R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 17257151
Conc: 169.69 ng/ml



#6 AR-1016-4

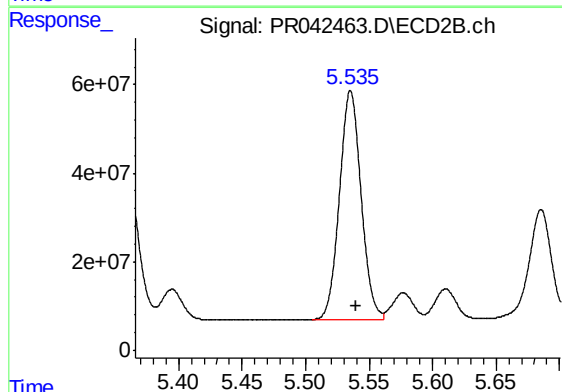
R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 1092734084
Conc: 3937.64 ng/ml



#7 AR-1016-5

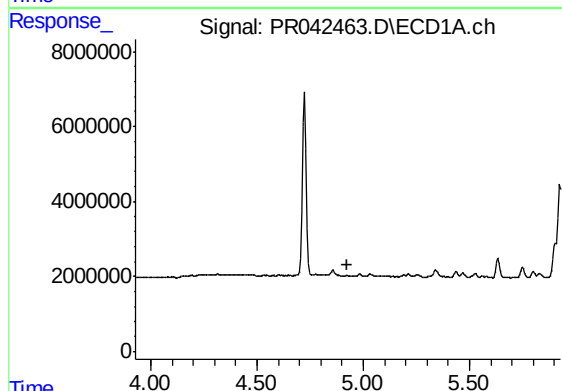
R.T.: 6.382 min
Delta R.T.: 0.005 min
Response: 268178167
Conc: 2693.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



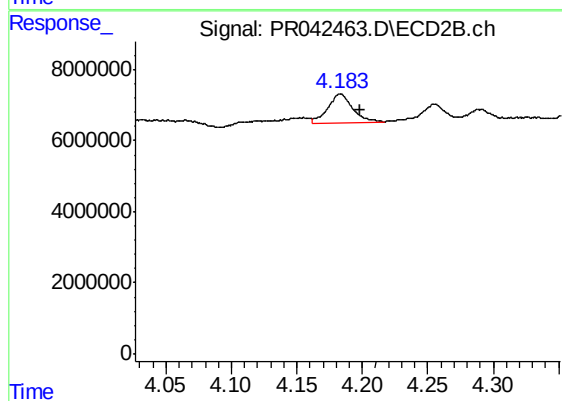
#7 AR-1016-5

R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 616555180
Conc: 1993.95 ng/ml



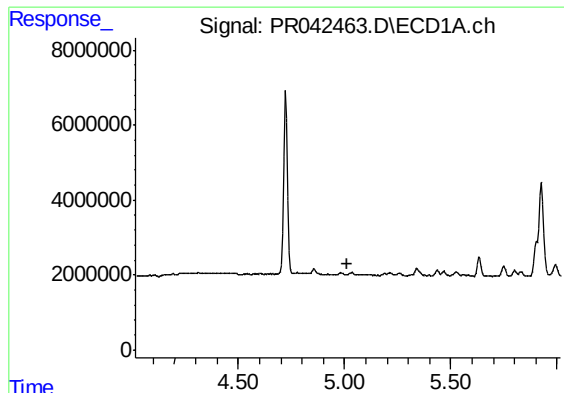
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.



#8 AR-1221-1

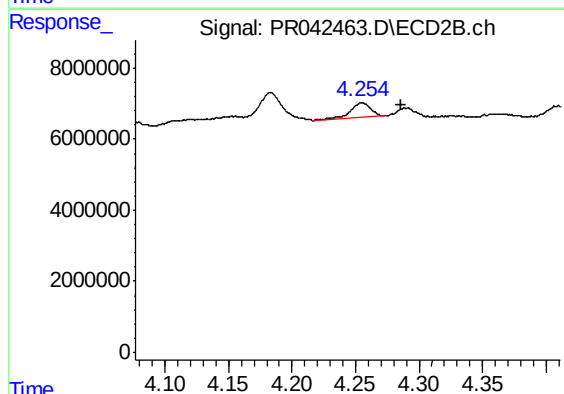
R.T.: 4.183 min
Delta R.T.: -0.015 min
Response: 10745171
Conc: 63.60 ng/ml



#9 AR-1221-2

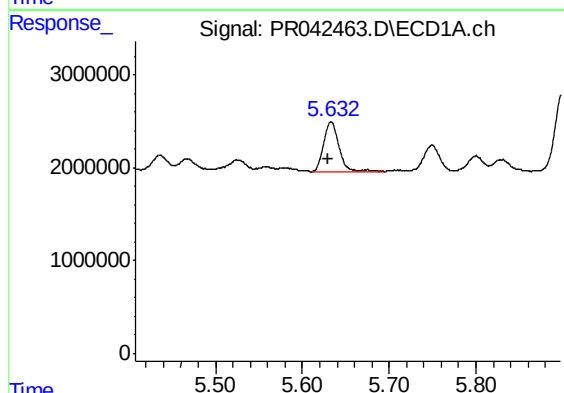
R.T.: 0.000 min
Exp R.T.: 5.016 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AZ1



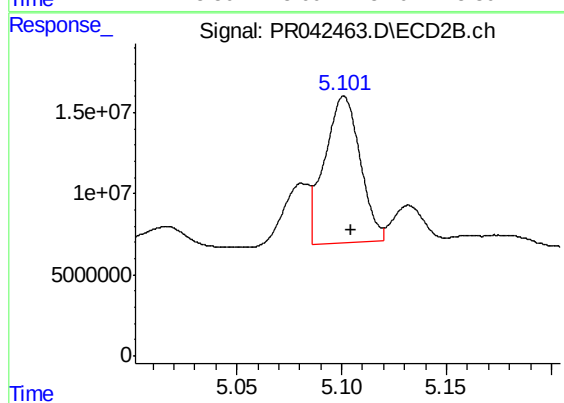
#9 AR-1221-2

R.T.: 4.255 min
Delta R.T.: -0.031 min
Response: 4486695
Conc: 36.51 ng/ml



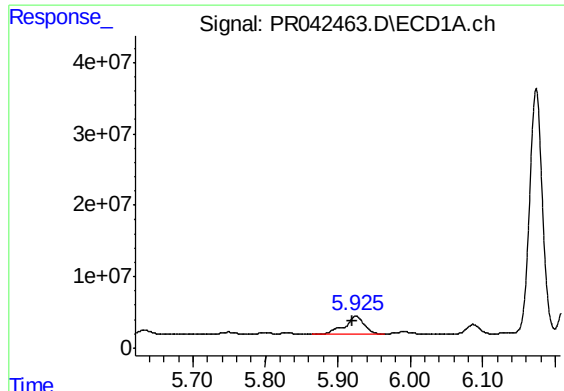
#12 AR-1232-2

R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 6531430
Conc: 151.62 ng/ml



#12 AR-1232-2

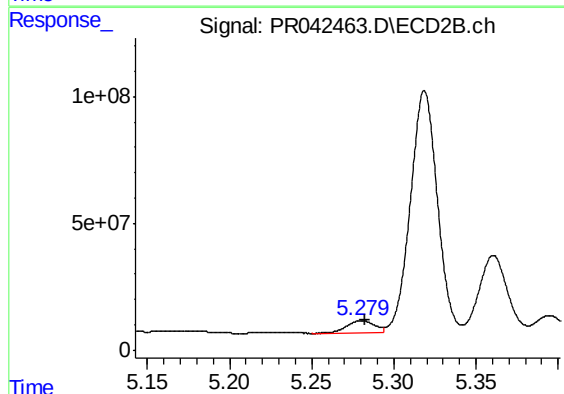
R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 106446682
Conc: 312.60 ng/ml



#13 AR-1232-3

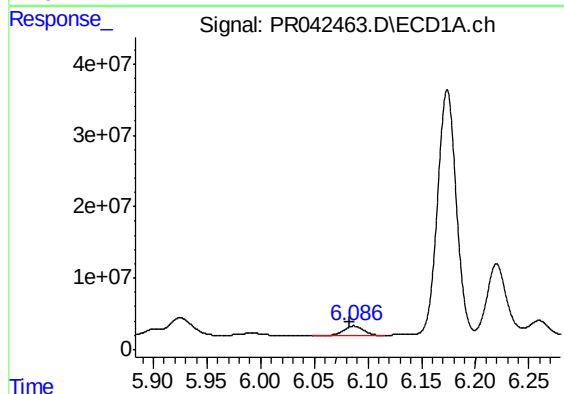
R.T.: 5.925 min
Delta R.T.: 0.005 min
Response: 46974360
Conc: 522.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



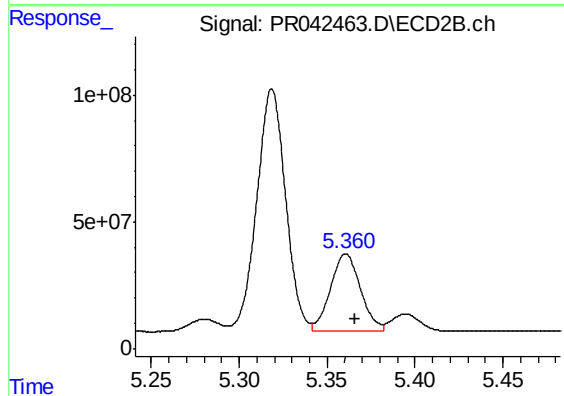
#13 AR-1232-3

R.T.: 5.280 min
Delta R.T.: -0.003 min
Response: 57790383
Conc: 343.15 ng/ml



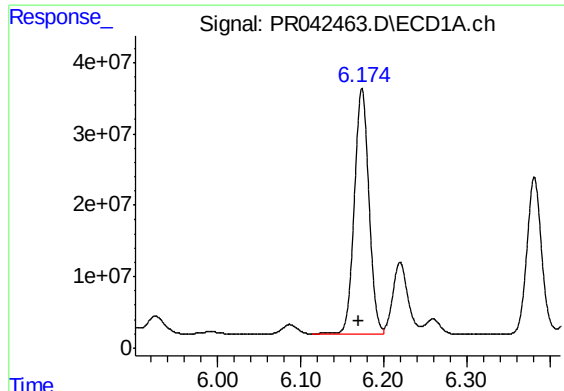
#14 AR-1232-4

R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 17257151
Conc: 387.77 ng/ml



#14 AR-1232-4

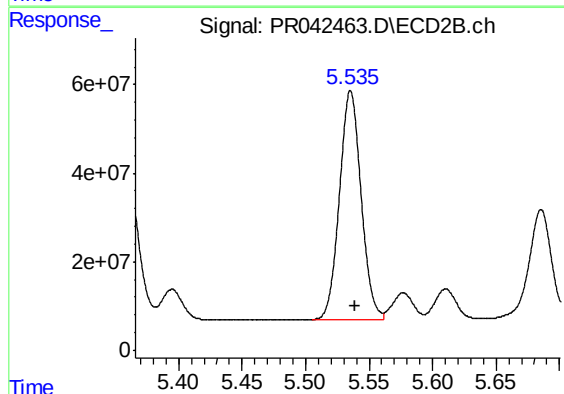
R.T.: 5.361 min
Delta R.T.: -0.005 min
Response: 364930199
Conc: 2562.01 ng/ml



#15 AR-1232-5

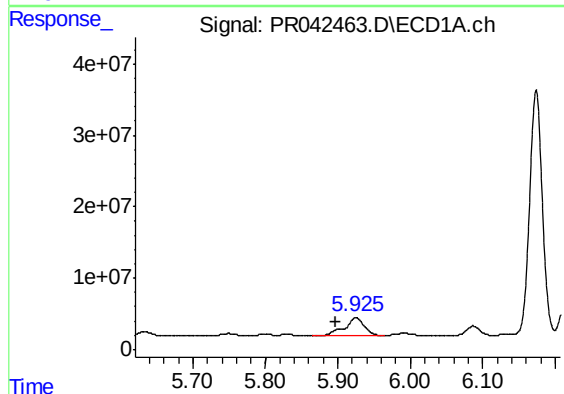
R.T.: 6.174 min
Delta R.T.: 0.004 min
Response: 420385622
Conc: 12796.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



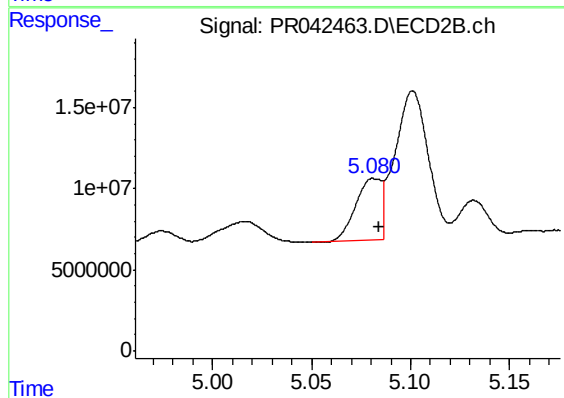
#15 AR-1232-5

R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 616555180
Conc: 4575.52 ng/ml



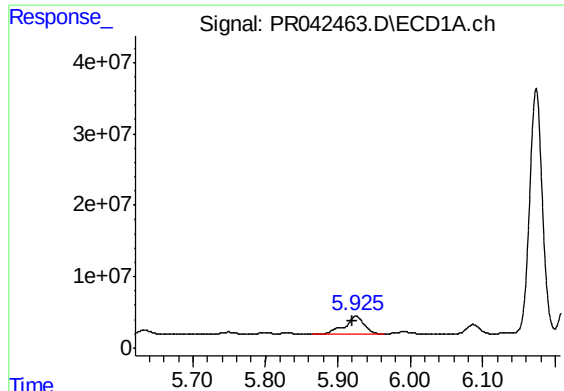
#16 AR-1242-1

R.T.: 5.925 min
Delta R.T.: 0.029 min
Response: 46974360
Conc: 425.97 ng/ml



#16 AR-1242-1

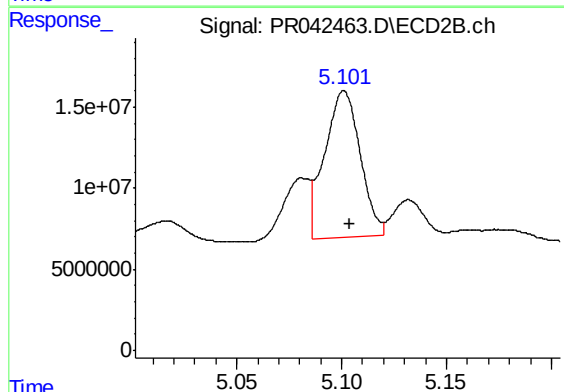
R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 33327362
Conc: 78.47 ng/ml



#17 AR-1242-2

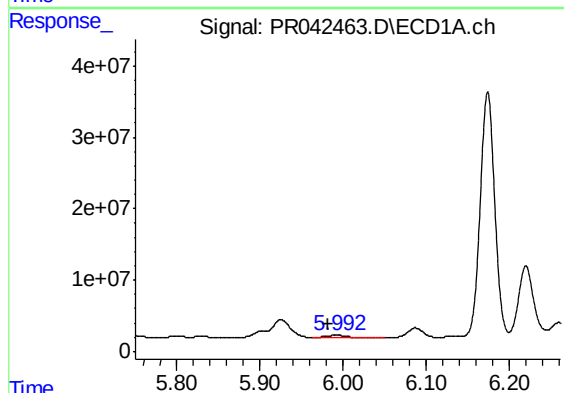
R.T.: 5.925 min
Delta R.T.: 0.005 min
Response: 46974360
Conc: 302.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



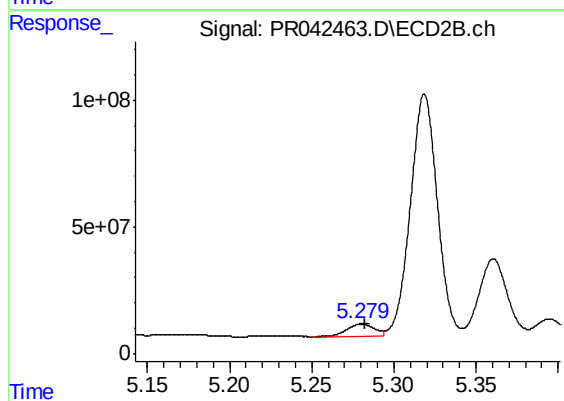
#17 AR-1242-2

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 106446682
Conc: 187.04 ng/ml



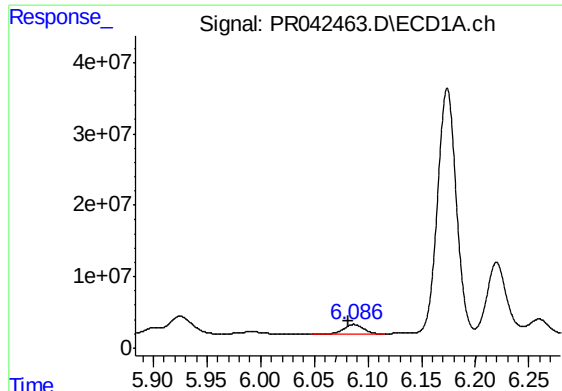
#18 AR-1242-3

R.T.: 5.992 min
Delta R.T.: 0.010 min
Response: 5262700
Conc: 56.09 ng/ml



#18 AR-1242-3

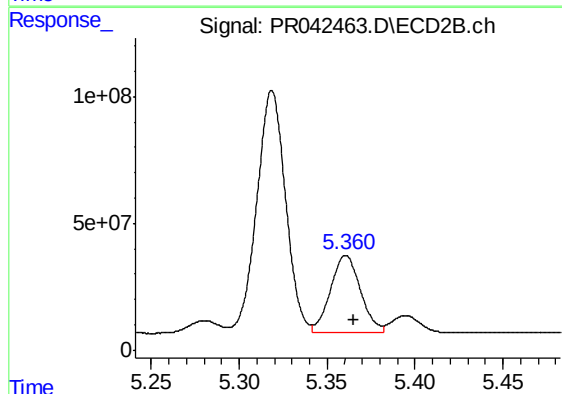
R.T.: 5.280 min
Delta R.T.: -0.003 min
Response: 57790383
Conc: 200.24 ng/ml



#19 AR-1242-4

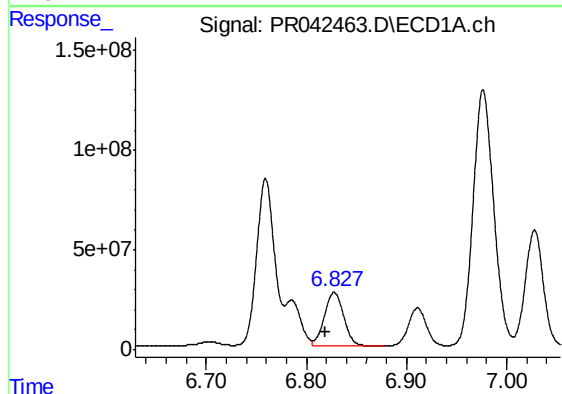
R.T.: 6.087 min
Delta R.T.: 0.005 min
Response: 17257151
Conc: 222.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



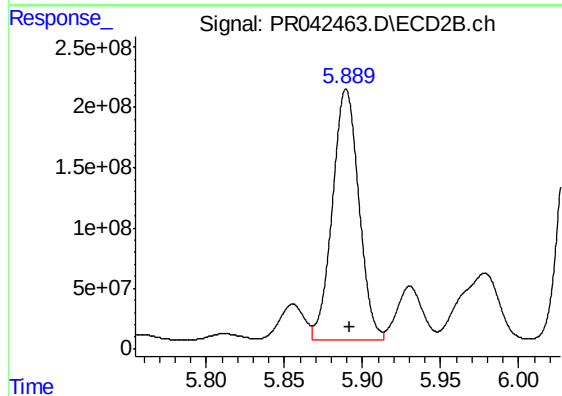
#19 AR-1242-4

R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 364930199
Conc: 1401.85 ng/ml



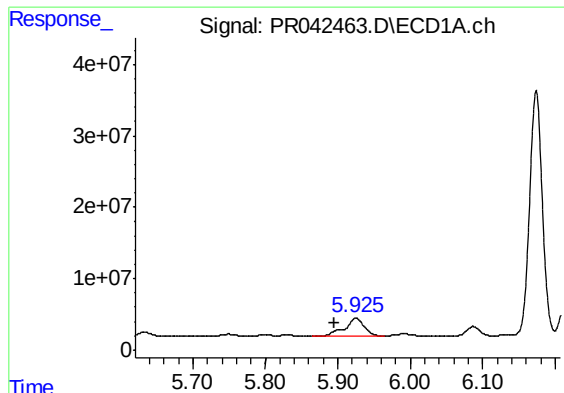
#20 AR-1242-5

R.T.: 6.828 min
Delta R.T.: 0.009 min
Response: 357396392
Conc: 4083.22 ng/ml



#20 AR-1242-5

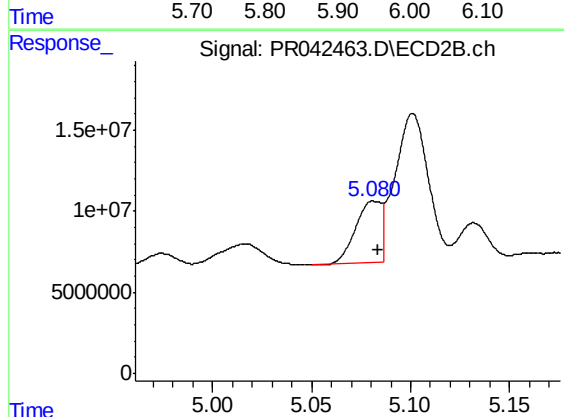
R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 2438876525
Conc: 9193.12 ng/ml



#21 AR-1248-1

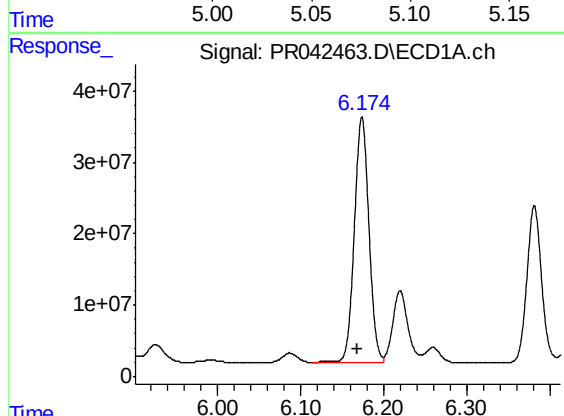
R.T.: 5.925 min
Delta R.T.: 0.029 min
Response: 46974360
Conc: 564.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



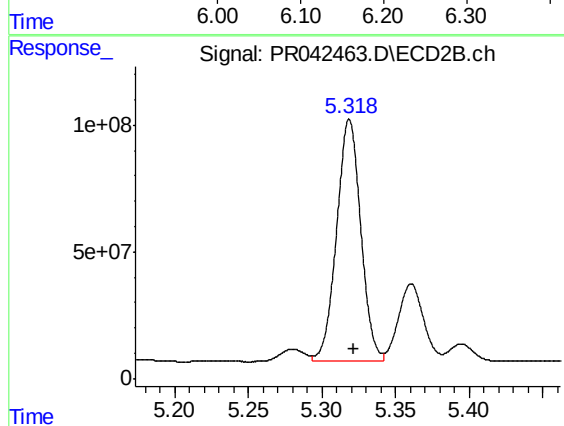
#21 AR-1248-1

R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 33327362
Conc: 102.25 ng/ml



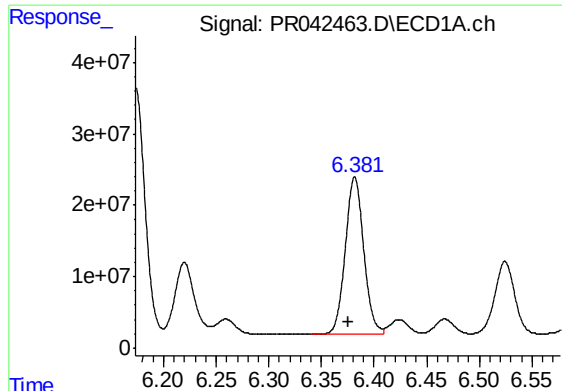
#22 AR-1248-2

R.T.: 6.174 min
Delta R.T.: 0.005 min
Response: 420385622
Conc: 3663.35 ng/ml



#22 AR-1248-2

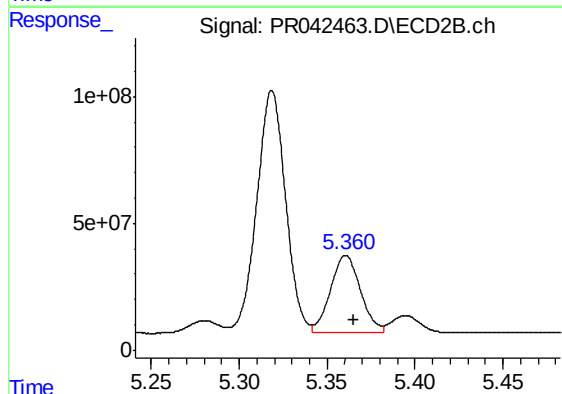
R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 1092734084
Conc: 2933.74 ng/ml



#23 AR-1248-3

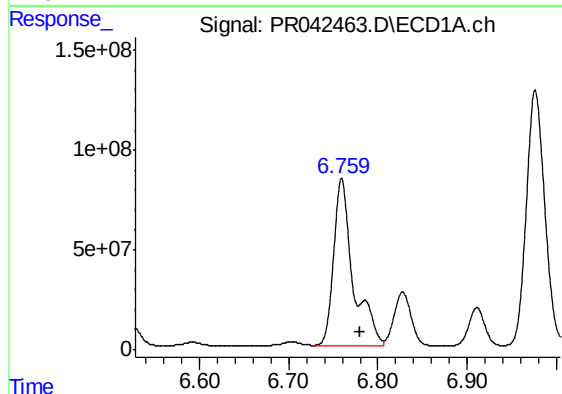
R.T.: 6.382 min
Delta R.T.: 0.006 min
Response: 268178167
Conc: 2068.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



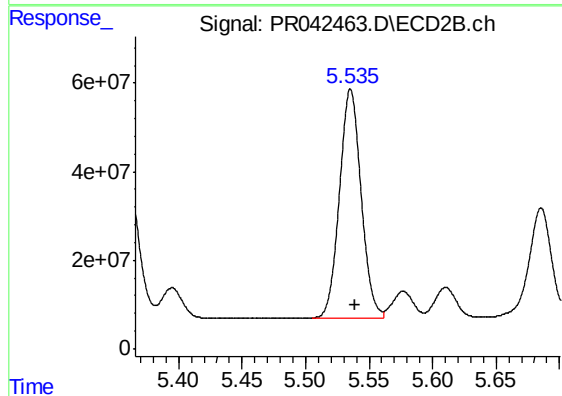
#23 AR-1248-3

R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 364930199
Conc: 974.92 ng/ml



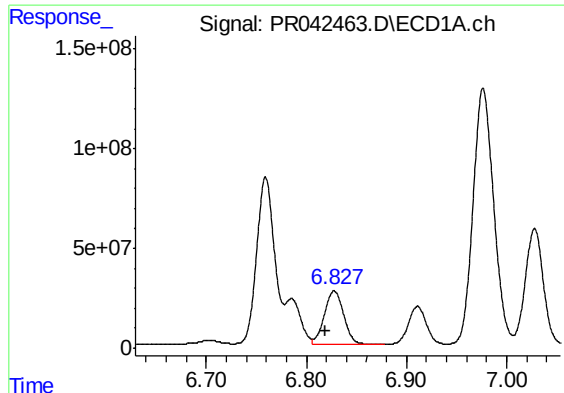
#24 AR-1248-4

R.T.: 6.759 min
Delta R.T.: -0.020 min
Response: 1283977245
Conc: 8367.59 ng/ml



#24 AR-1248-4

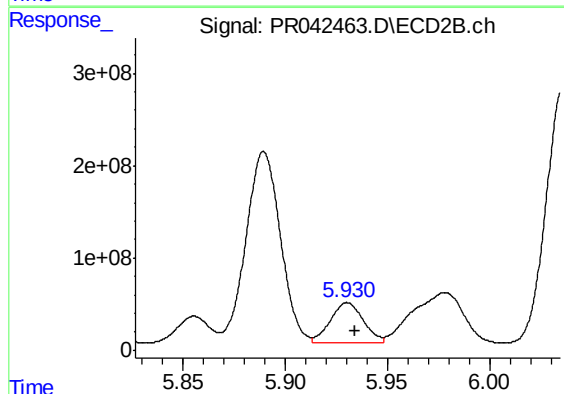
R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 616555180
Conc: 1548.06 ng/ml



#25 AR-1248-5

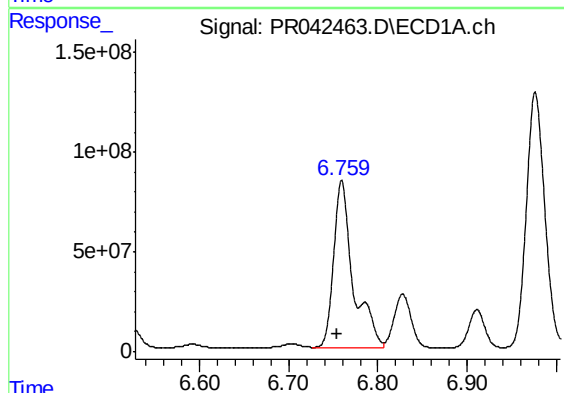
R.T.: 6.828 min
Delta R.T.: 0.009 min
Response: 357396392
Conc: 2468.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



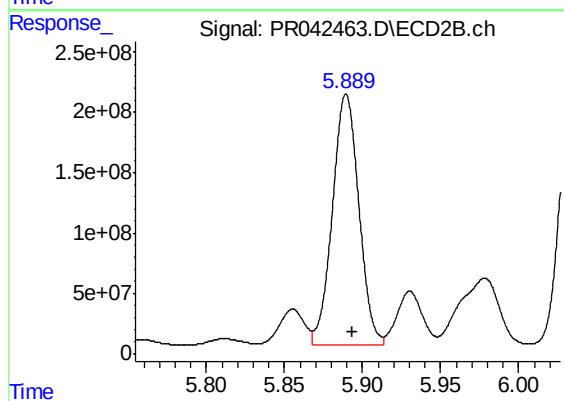
#25 AR-1248-5

R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 495090316
Conc: 1417.53 ng/ml



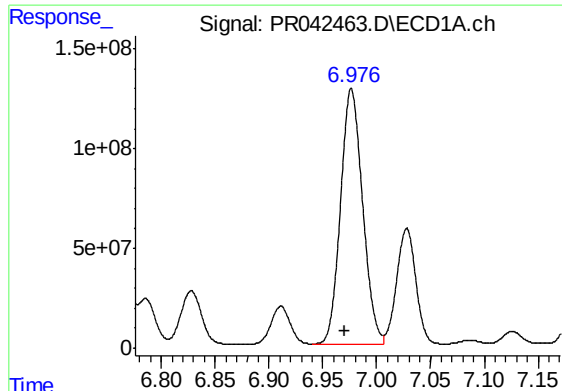
#26 AR-1254-1

R.T.: 6.759 min
Delta R.T.: 0.006 min
Response: 1283977245
Conc: 7862.12 ng/ml



#26 AR-1254-1

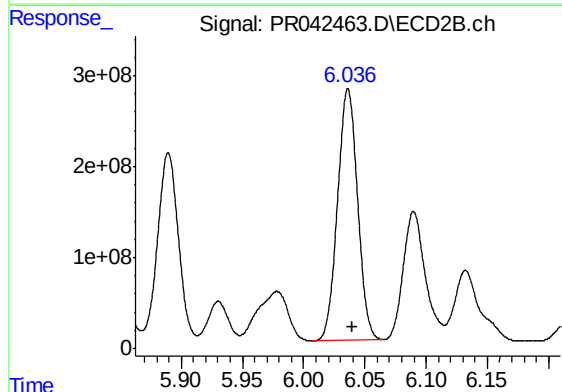
R.T.: 5.890 min
Delta R.T.: -0.004 min
Response: 2438876525
Conc: 4603.95 ng/ml



#27 AR-1254-2

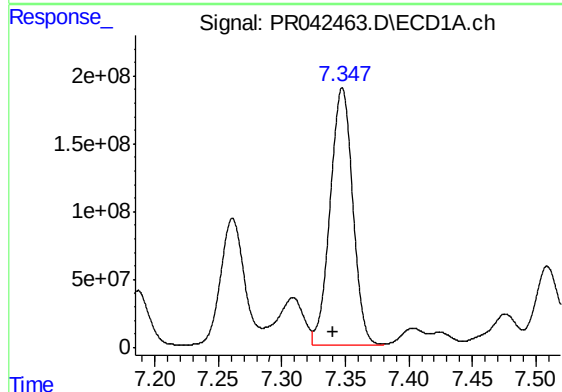
R.T.: 6.977 min
Delta R.T.: 0.006 min
Response: 1829160038
Conc: 7372.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



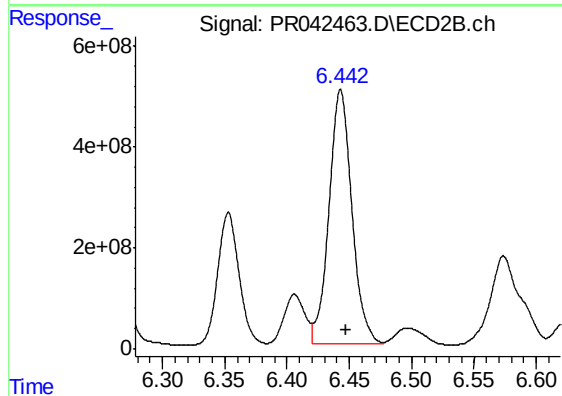
#27 AR-1254-2

R.T.: 6.036 min
Delta R.T.: -0.004 min
Response: 3147069190
Conc: 6277.13 ng/ml



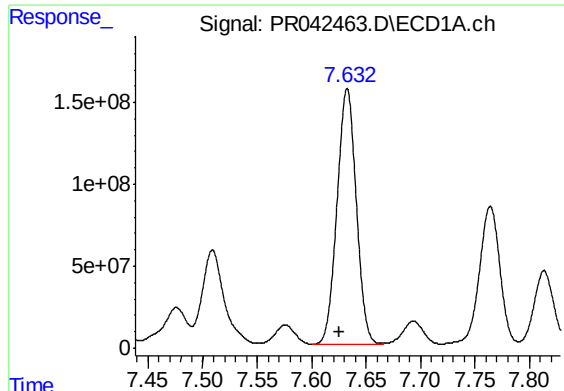
#28 AR-1254-3

R.T.: 7.347 min
Delta R.T.: 0.007 min
Response: 2351084026
Conc: 8712.18 ng/ml



#28 AR-1254-3

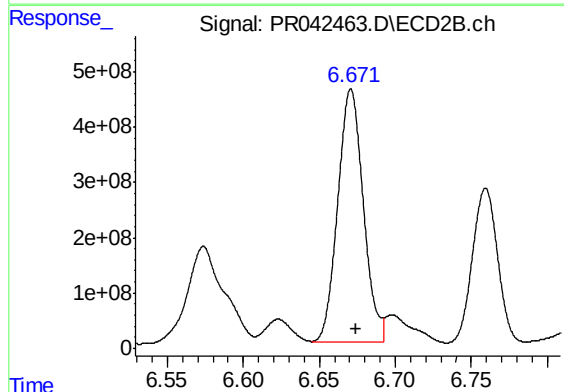
R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 6416887374
Conc: 6801.54 ng/ml



#29 AR-1254-4

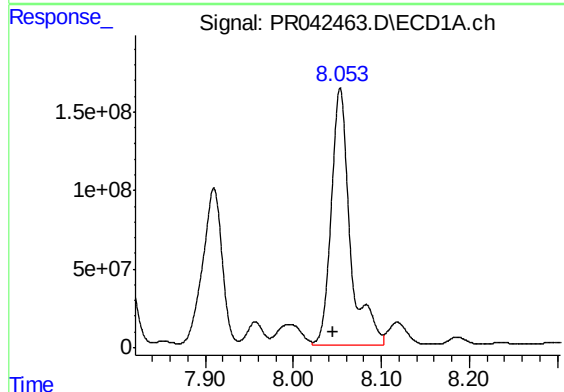
R.T.: 7.633 min
Delta R.T.: 0.007 min
Response: 1936405378
Conc: 9540.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



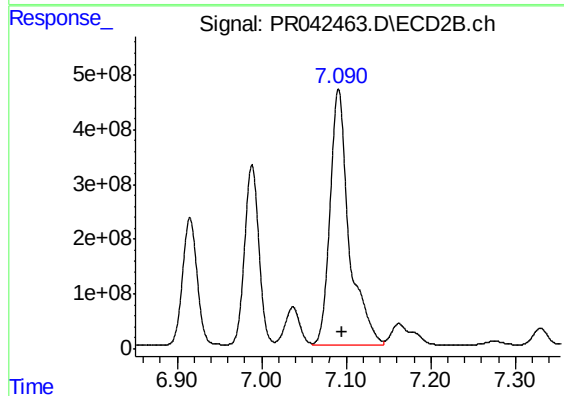
#29 AR-1254-4

R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 5337457735
Conc: 8061.66 ng/ml



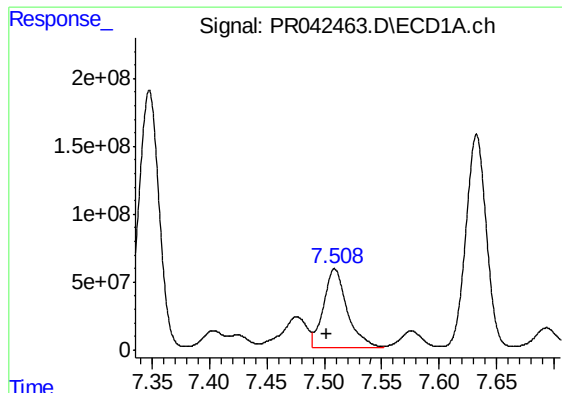
#30 AR-1254-5

R.T.: 8.053 min
Delta R.T.: 0.008 min
Response: 2439680210
Conc: 11472.56 ng/ml



#30 AR-1254-5

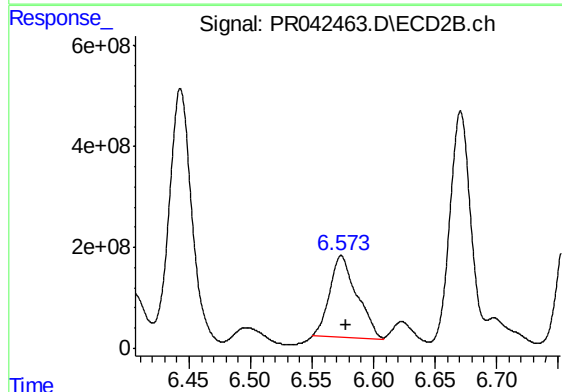
R.T.: 7.091 min
Delta R.T.: -0.004 min
Response: 7302307149
Conc: 8504.46 ng/ml



#31 AR-1260-1

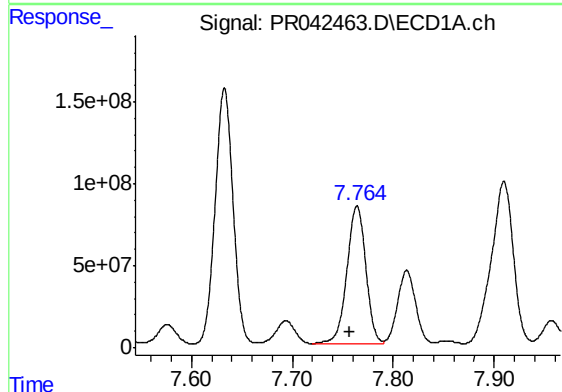
R.T.: 7.509 min
Delta R.T.: 0.007 min
Response: 830080328
Conc: 4381.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



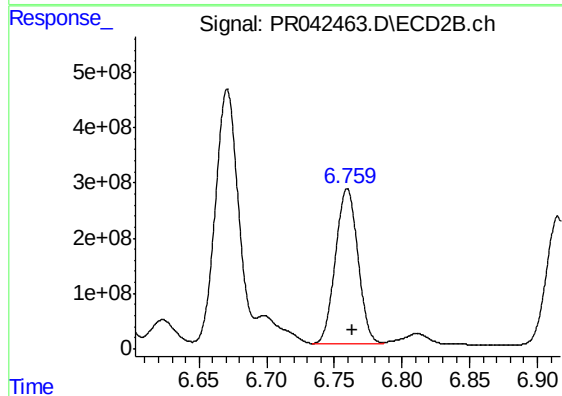
#31 AR-1260-1

R.T.: 6.574 min
Delta R.T.: -0.004 min
Response: 2513422058
Conc: 4240.14 ng/ml



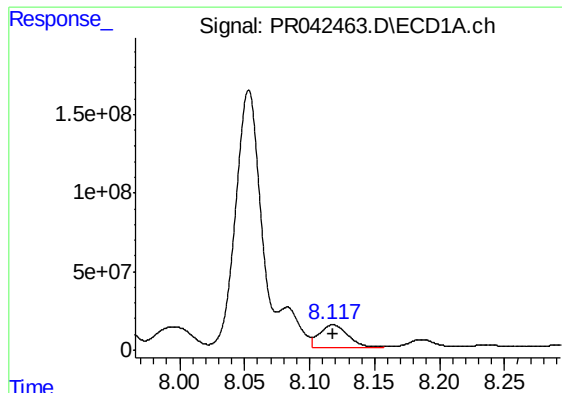
#32 AR-1260-2

R.T.: 7.764 min
Delta R.T.: 0.007 min
Response: 1119018000
Conc: 4734.35 ng/ml



#32 AR-1260-2

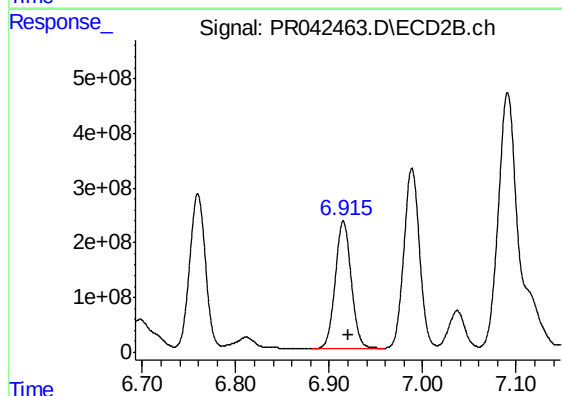
R.T.: 6.760 min
Delta R.T.: -0.004 min
Response: 3235717673
Conc: 3968.86 ng/ml



#33 AR-1260-3

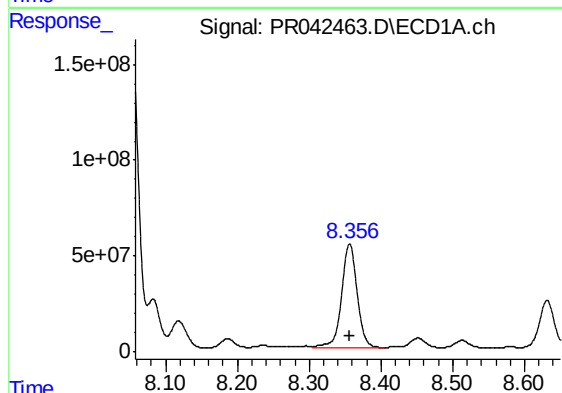
R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 211213093
Conc: 1125.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



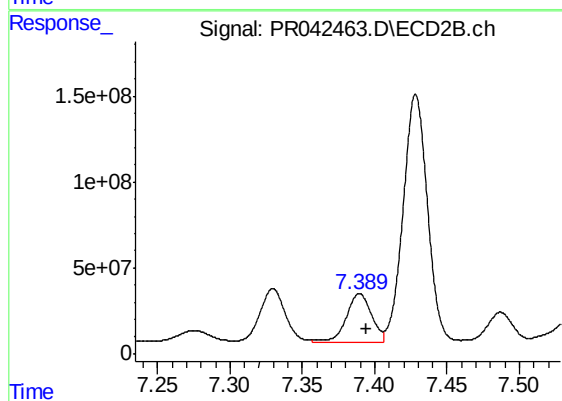
#33 AR-1260-3

R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 2747328367
Conc: 3974.09 ng/ml



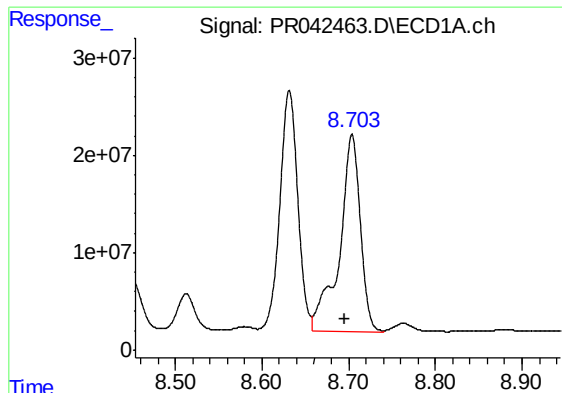
#34 AR-1260-4

R.T.: 8.356 min
Delta R.T.: -0.001 min
Response: 824715577
Conc: 4103.75 ng/ml



#34 AR-1260-4

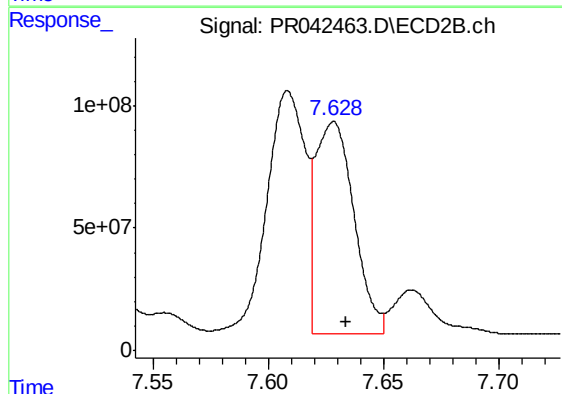
R.T.: 7.390 min
Delta R.T.: -0.005 min
Response: 338271066
Conc: 582.93 ng/ml



#35 AR-1260-5

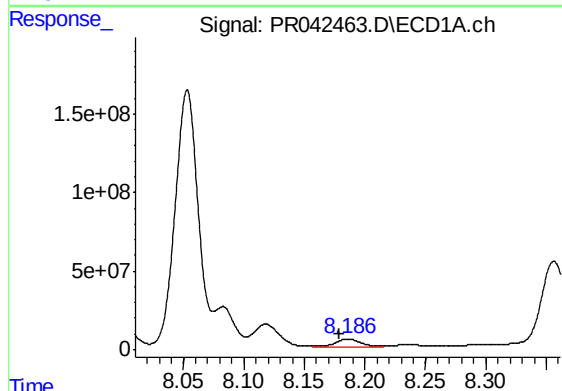
R.T.: 8.704 min
Delta R.T.: 0.009 min
Response: 340719192
Conc: 787.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



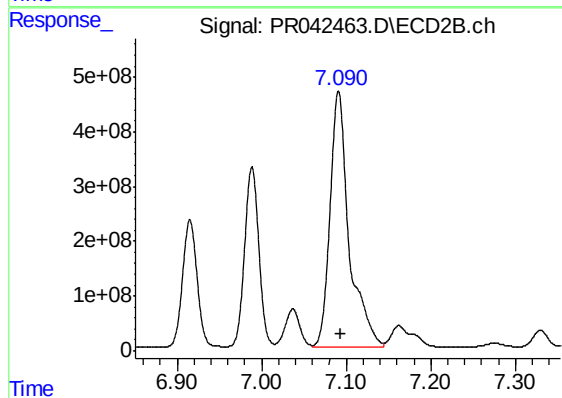
#35 AR-1260-5

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 1001917941
Conc: 616.24 ng/ml



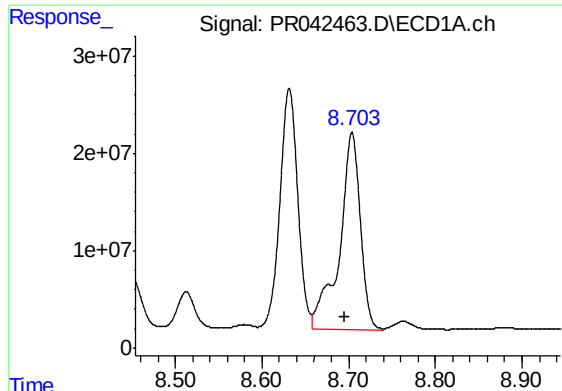
#36 AR-1262-1

R.T.: 8.186 min
Delta R.T.: 0.007 min
Response: 67572063
Conc: 717.85 ng/ml



#36 AR-1262-1

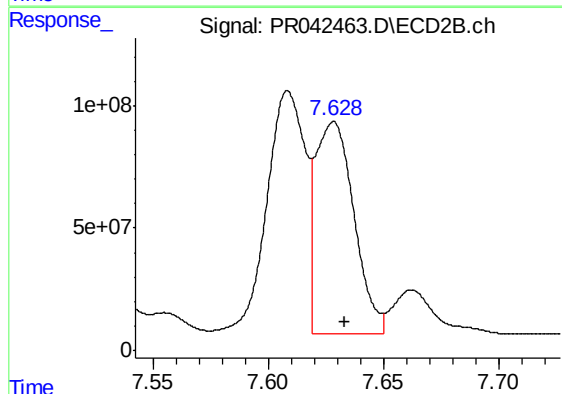
R.T.: 7.091 min
Delta R.T.: -0.002 min
Response: 7302307149
Conc: 16756.79 ng/ml



#37 AR-1262-2

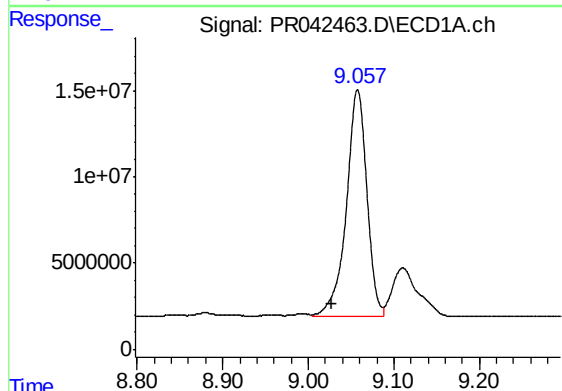
R.T.: 8.704 min
Delta R.T.: 0.008 min
Response: 340719192
Conc: 789.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



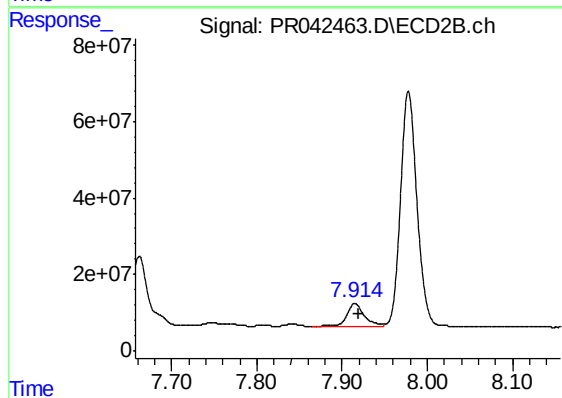
#37 AR-1262-2

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 1001917941
Conc: 582.00 ng/ml



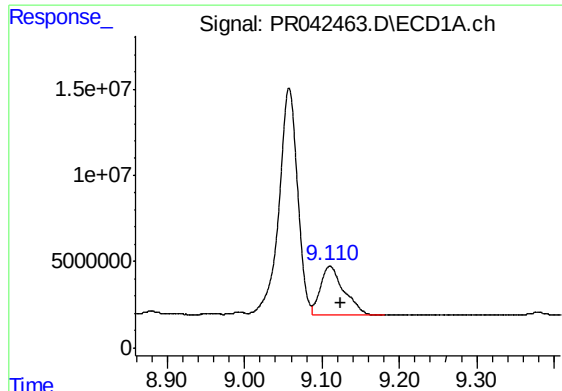
#38 AR-1262-3

R.T.: 9.058 min
Delta R.T.: 0.030 min
Response: 220446544
Conc: 790.86 ng/ml



#38 AR-1262-3

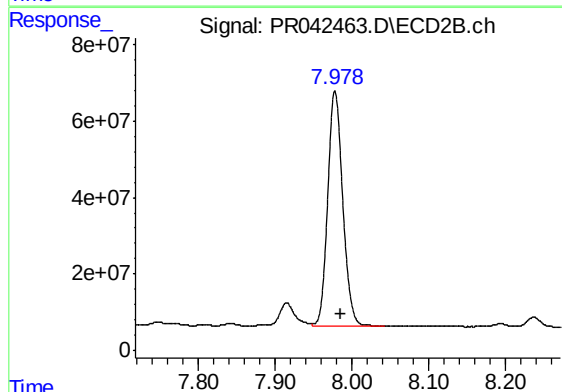
R.T.: 7.915 min
Delta R.T.: -0.005 min
Response: 89328585
Conc: 136.86 ng/ml



#39 AR-1262-4

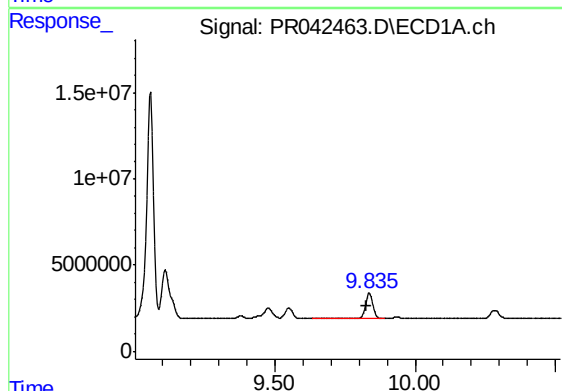
R.T.: 9.110 min
Delta R.T.: -0.014 min
Response: 59922574
Conc: 292.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



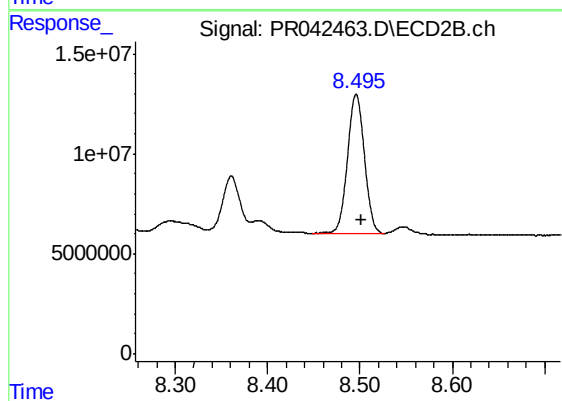
#39 AR-1262-4

R.T.: 7.978 min
Delta R.T.: -0.007 min
Response: 828956892
Conc: 709.38 ng/ml



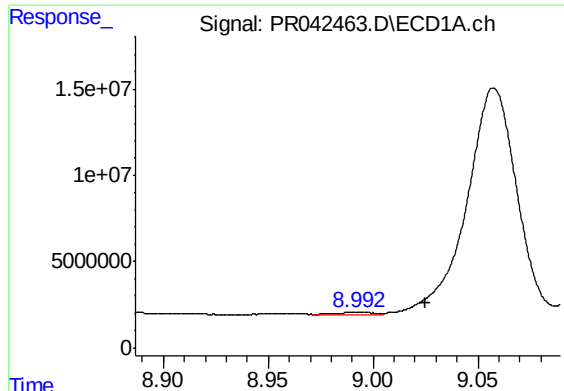
#40 AR-1262-5

R.T.: 9.836 min
Delta R.T.: 0.009 min
Response: 26424968
Conc: 183.19 ng/ml



#40 AR-1262-5

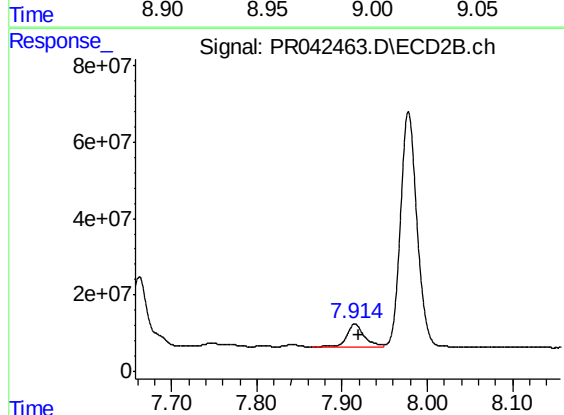
R.T.: 8.496 min
Delta R.T.: -0.005 min
Response: 87902962
Conc: 164.33 ng/ml



#41 AR-1268-1

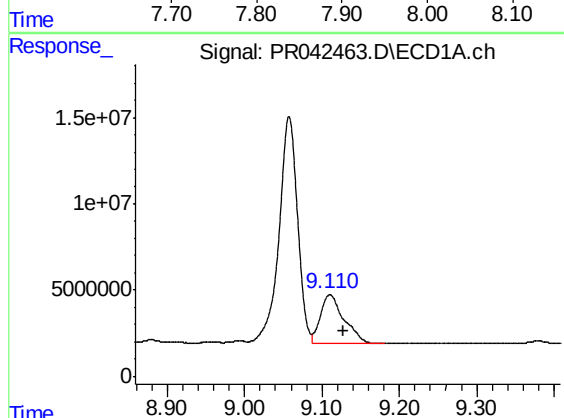
R.T.: 8.993 min
Delta R.T.: -0.032 min
Response: 2381301
Conc: 4.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



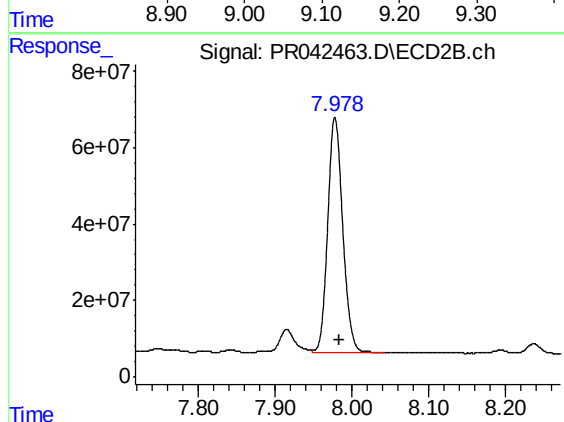
#41 AR-1268-1

R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 89328585
Conc: 40.74 ng/ml



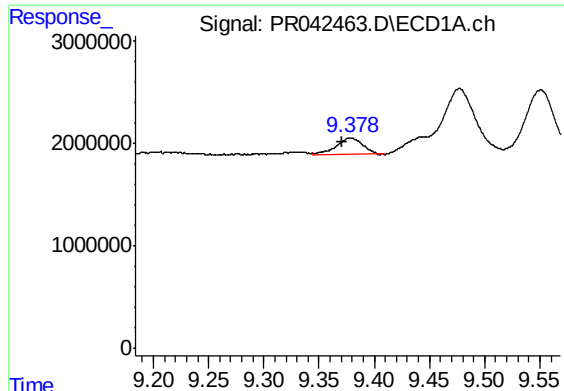
#42 AR-1268-2

R.T.: 9.110 min
Delta R.T.: -0.017 min
Response: 59922574
Conc: 120.53 ng/ml



#42 AR-1268-2

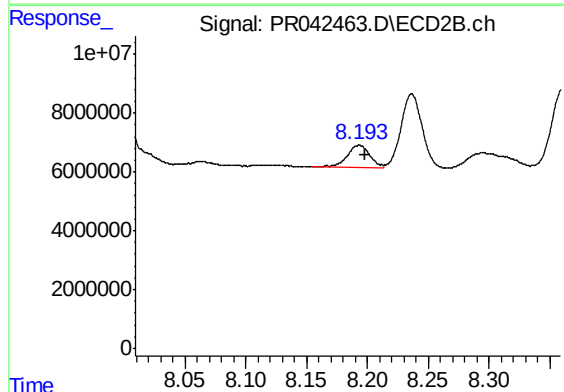
R.T.: 7.978 min
Delta R.T.: -0.006 min
Response: 828956892
Conc: 416.60 ng/ml



#43 AR-1268-3

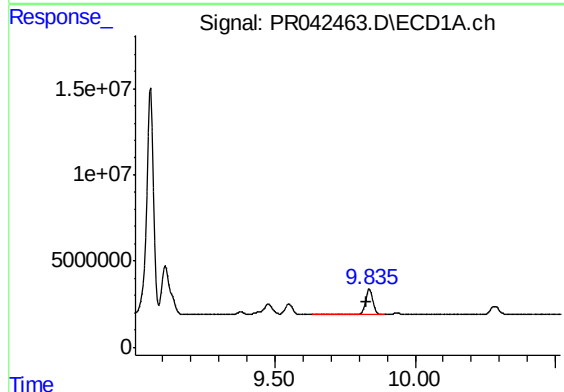
R.T.: 9.378 min
Delta R.T.: 0.008 min
Response: 2588917
Conc: 6.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



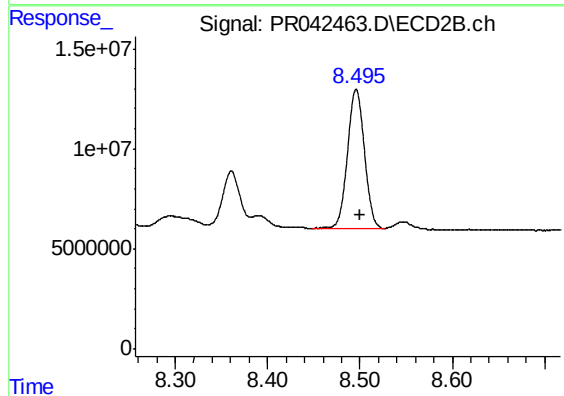
#43 AR-1268-3

R.T.: 8.193 min
Delta R.T.: -0.005 min
Response: 9428234
Conc: 5.63 ng/ml



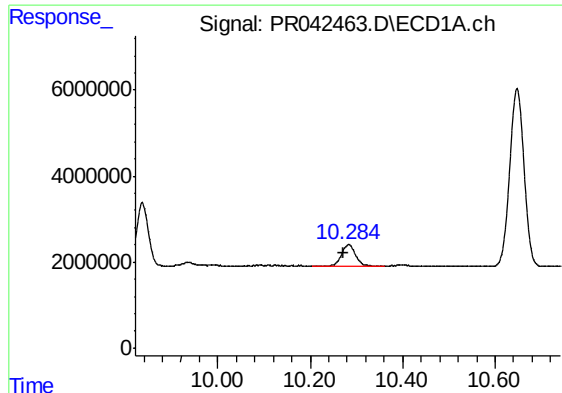
#44 AR-1268-4

R.T.: 9.836 min
Delta R.T.: 0.009 min
Response: 26424968
Conc: 150.61 ng/ml



#44 AR-1268-4

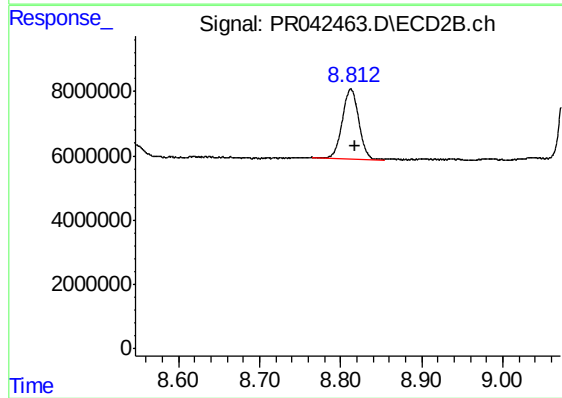
R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 87902962
Conc: 136.21 ng/ml



#45 AR-1268-5

R.T.: 10.283 min
Delta R.T.: 0.011 min
Response: 10401032
Conc: 7.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AZ1



#45 AR-1268-5

R.T.: 8.813 min
Delta R.T.: -0.006 min
Response: 30360863
Conc: 6.62 ng/ml