

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121419\
 Data File : PR043817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2019 01:05
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660375

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 06:04:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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...	4.703	3.962	118.1E6	151.2E6	21.251	19.567
2)	SA Decachlor...	10.608	9.050	146.9E6	319.1E6	39.019	32.248
Target Compounds							
3)	L1 AR-1016-1	5.880	5.055	81919541	152.4E6	423.086	373.707
4)	L1 AR-1016-2	5.903	5.075	116.5E6	220.9E6	425.337	395.493
5)	L1 AR-1016-3	5.966	5.253	68706093	114.9E6	417.196	384.575
6)	L1 AR-1016-4	6.066	5.292	57503942	91702688	417.545	381.242
7)	L1 AR-1016-5	6.360	5.509	55495769	131.7E6	401.622	414.668
8)	L2 AR-1221-1	4.907	4.172	7656217	7725588	133.462	90.616 #
9)	L2 AR-1221-2	5.000	4.262	9859854	10903044	241.269	178.101 #
10)	L2 AR-1221-3	5.078	4.337	39823930	56077067	289.756	256.681
11)	L3 AR-1232-1	5.078	4.337	39823930	56077067	370.489	332.424
12)	L3 AR-1232-2	5.612	5.075	58598378	220.9E6	1058.766	946.707
13)	L3 AR-1232-3	5.903	5.253	116.5E6	114.9E6	1027.053	938.898
14)	L3 AR-1232-4	6.066	5.336	57503942	111.3E6	989.316	1048.328
15)	L3 AR-1232-5	6.153	5.509	49088744	131.7E6	1099.431	1099.632
16)	L4 AR-1242-1	5.880	5.055	81919541	152.4E6	503.946	460.801
17)	L4 AR-1242-2	5.903	5.075	116.5E6	220.9E6	510.537	483.235
18)	L4 AR-1242-3	5.966	5.253	68706093	114.9E6	499.502	471.432
19)	L4 AR-1242-4	6.066	5.336	57503942	111.3E6	500.959	472.378
20)	L4 AR-1242-5	6.804	5.862	8676236	139.4E6	68.210	409.001 #
21)	L5 AR-1248-1	5.880	5.055	81919541	152.4E6	690.180	622.635
22)	L5 AR-1248-2	6.153	5.292	49088744	91702688	301.301	282.792
23)	L5 AR-1248-3	6.360	5.336	55495769	111.3E6	305.641	337.887
24)	L5 AR-1248-4	6.763	5.509	8435563	131.7E6	40.296	317.583 #
25)	L5 AR-1248-5	6.804	5.953f	8676236	13574232	43.701	30.541 #
26)	L6 AR-1254-1	6.738	5.862	48395815	139.4E6	221.420	195.695
27)	L6 AR-1254-2	6.953	6.008	39800465	89721589	118.028	140.270
28)	L6 AR-1254-3	7.324	6.428	38779900	225.2E6	110.871	222.513 #
29)	L6 AR-1254-4	7.609	6.642	14956605	37809210	59.855	52.507
30)	L6 AR-1254-5	8.028	7.061	129.5E6	266.3E6	502.453	312.615 #
31)	L7 AR-1260-1	7.486	6.544	109.4E6	251.7E6	438.960	371.589
32)	L7 AR-1260-2	7.741	6.731	110.7E6	355.6E6	372.734	367.011
33)	L7 AR-1260-3	8.101	6.886	82267962	273.0E6	371.339	349.540
34)	L7 AR-1260-4	8.340	7.358	93316980	221.6E6	370.988	349.340
35)	L7 AR-1260-5	8.677	7.598	189.6E6	601.9E6	393.259	353.602
36)	L8 AR-1262-1	8.161	7.061	41180880	266.3E6	309.337	538.558 #
37)	L8 AR-1262-2	8.677	7.598	189.6E6	601.9E6	332.929	316.346
38)	L8 AR-1262-3	9.029	7.883	112.0E6	146.2E6	309.411	191.705 #
39)	L8 AR-1262-4	9.086	7.947	69671381	400.0E6	261.765	322.245
40)	L8 AR-1262-5	9.805	8.461	54134773	132.6E6	287.482	232.633
41)	L9 AR-1268-1	9.029	7.883	112.0E6	146.2E6	175.051	68.139 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121419\
 Data File : PR043817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2019 01:05
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

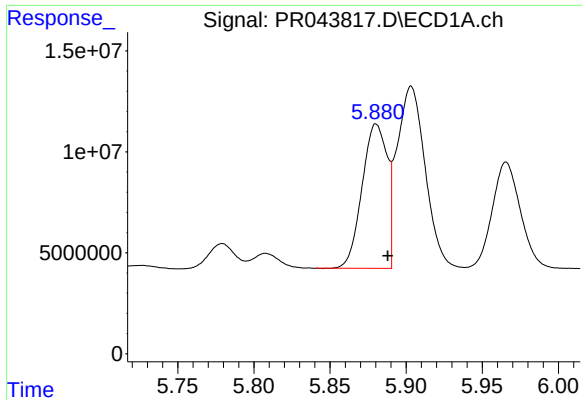
Instrument :
 ECD_R
 ClientSampleId :
 AR1660375

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 06:04:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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
42) L9	AR-1268-2	9.086	7.947	69671381	400.0E6	120.921	220.469 #
43) L9	AR-1268-3	9.348	8.159	4730025	5927602	10.047	3.850 #
44) L9	AR-1268-4	9.805	8.461	54134773	132.6E6	264.952	216.214
45) L9	AR-1268-5	10.247	8.774	18412702	46460754	11.775	10.981

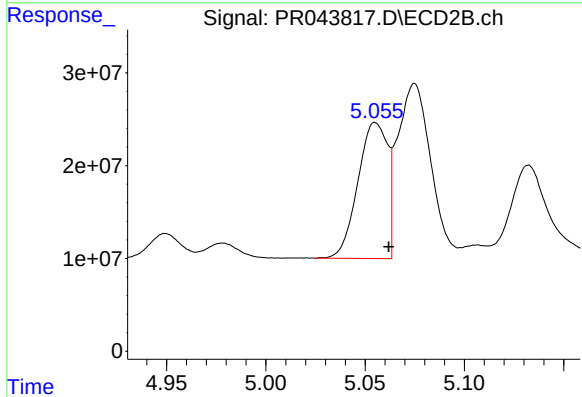
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

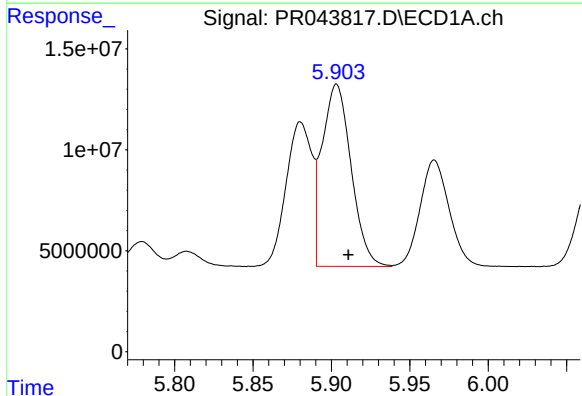
R.T.: 5.880 min
Delta R.T.: -0.008 min
Response: 81919541
Conc: 423.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



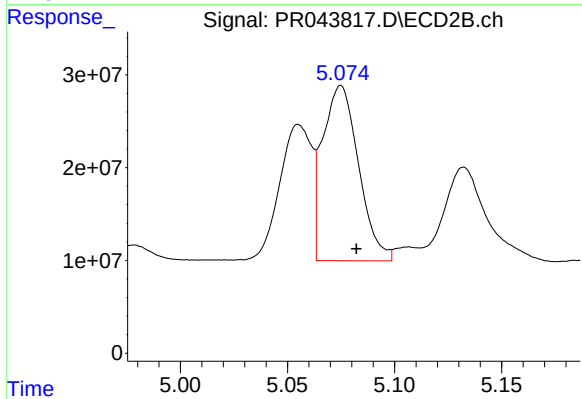
#3 AR-1016-1

R.T.: 5.055 min
Delta R.T.: -0.007 min
Response: 152358635
Conc: 373.71 ng/ml



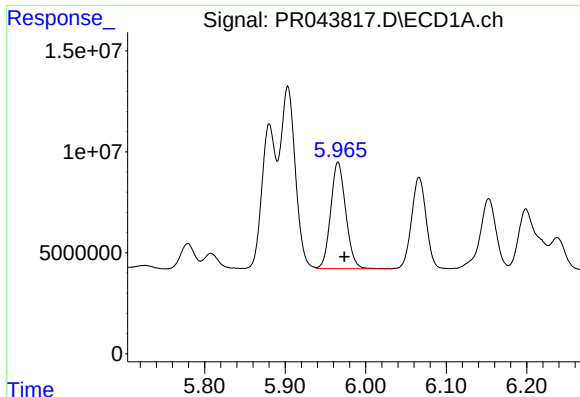
#4 AR-1016-2

R.T.: 5.903 min
Delta R.T.: -0.007 min
Response: 116462613
Conc: 425.34 ng/ml



#4 AR-1016-2

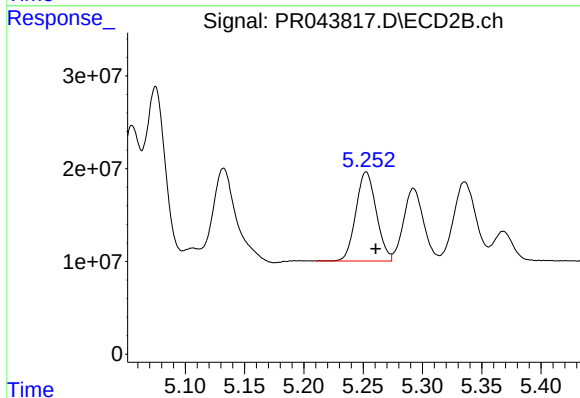
R.T.: 5.075 min
Delta R.T.: -0.007 min
Response: 220909840
Conc: 395.49 ng/ml



#5 AR-1016-3

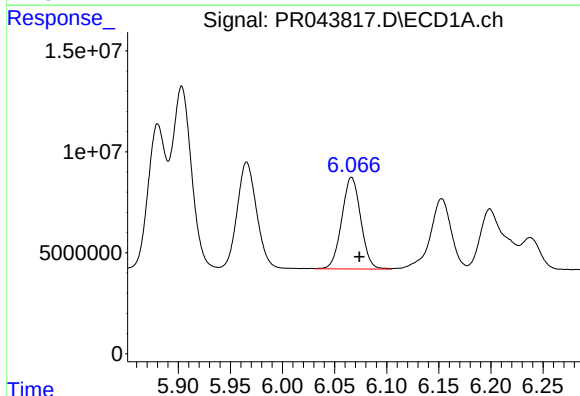
R.T.: 5.966 min
Delta R.T.: -0.008 min
Response: 68706093
Conc: 417.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



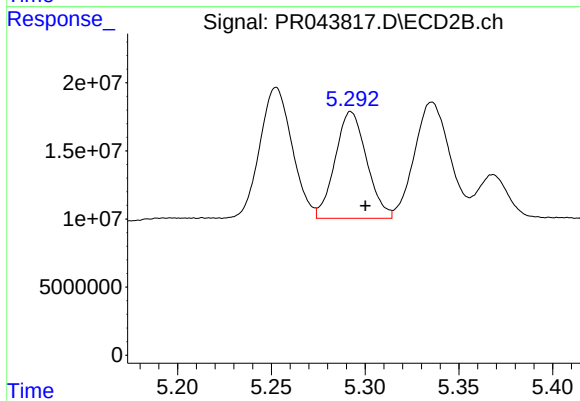
#5 AR-1016-3

R.T.: 5.253 min
Delta R.T.: -0.008 min
Response: 114895168
Conc: 384.58 ng/ml



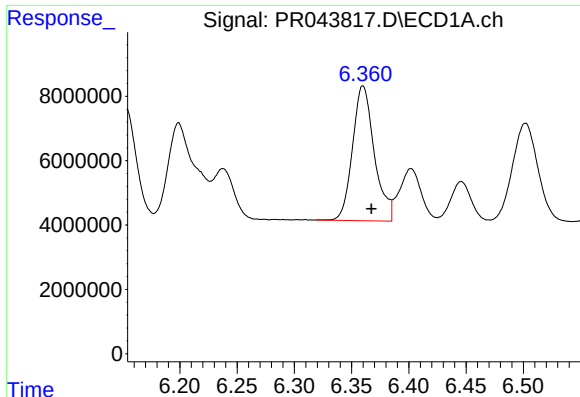
#6 AR-1016-4

R.T.: 6.066 min
Delta R.T.: -0.008 min
Response: 57503942
Conc: 417.55 ng/ml



#6 AR-1016-4

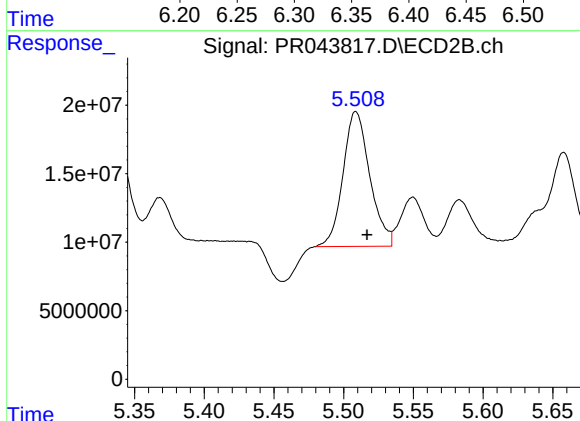
R.T.: 5.292 min
Delta R.T.: -0.008 min
Response: 91702688
Conc: 381.24 ng/ml



#7 AR-1016-5

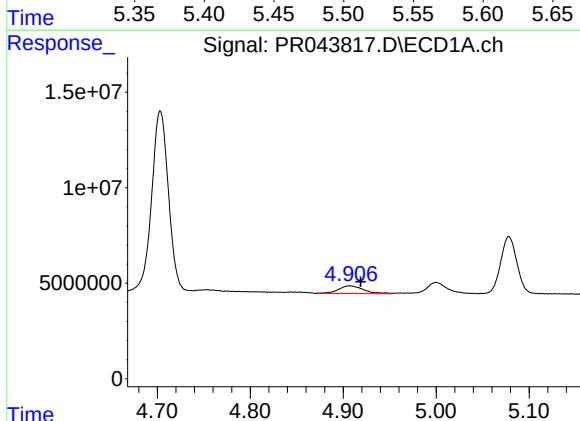
R.T.: 6.360 min
Delta R.T.: -0.007 min
Response: 55495769
Conc: 401.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



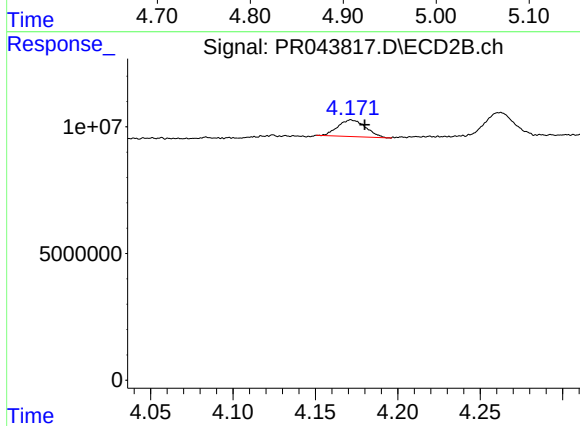
#7 AR-1016-5

R.T.: 5.509 min
Delta R.T.: -0.008 min
Response: 131668662
Conc: 414.67 ng/ml



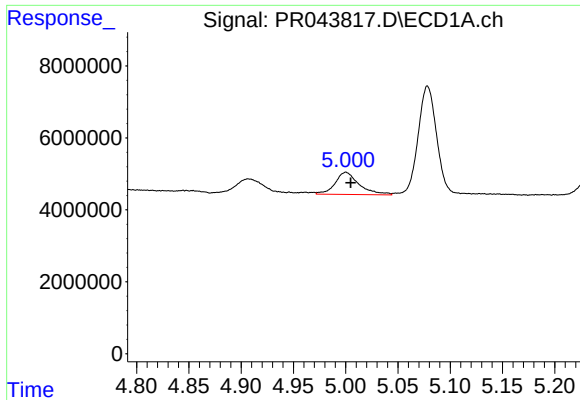
#8 AR-1221-1

R.T.: 4.907 min
Delta R.T.: -0.012 min
Response: 7656217
Conc: 133.46 ng/ml



#8 AR-1221-1

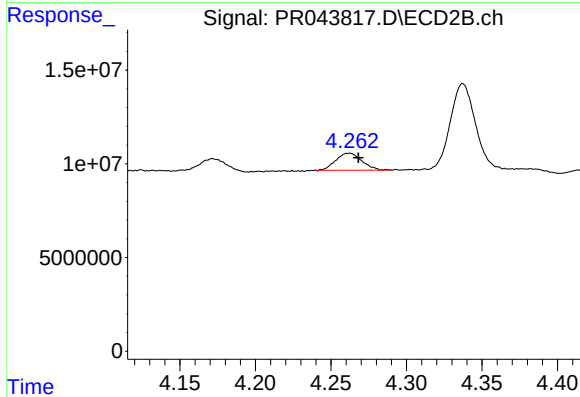
R.T.: 4.172 min
Delta R.T.: -0.008 min
Response: 7725588
Conc: 90.62 ng/ml



#9 AR-1221-2

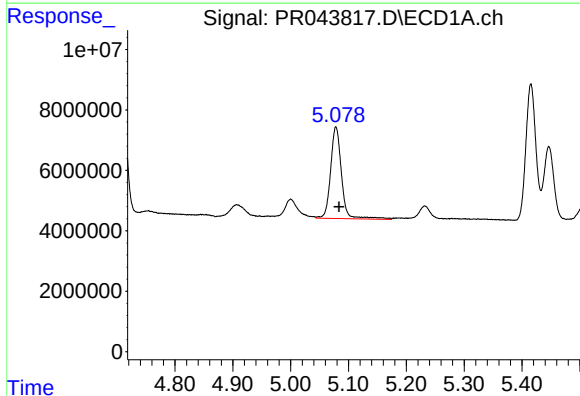
R.T.: 5.000 min
Delta R.T.: -0.004 min
Response: 9859854
Conc: 241.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



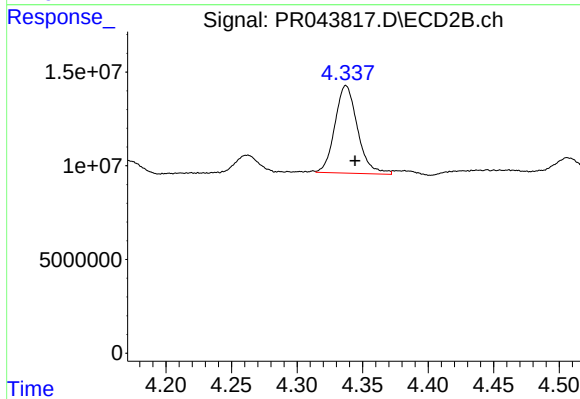
#9 AR-1221-2

R.T.: 4.262 min
Delta R.T.: -0.006 min
Response: 10903044
Conc: 178.10 ng/ml



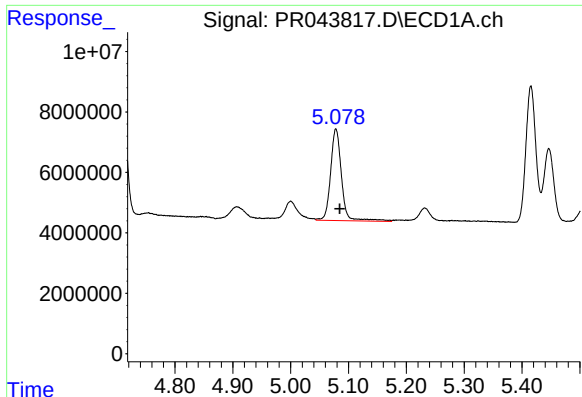
#10 AR-1221-3

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 39823930
Conc: 289.76 ng/ml



#10 AR-1221-3

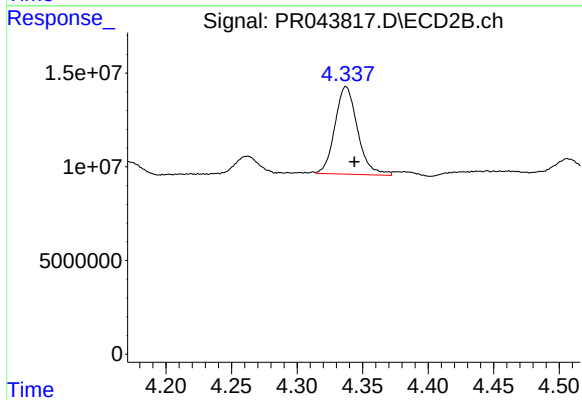
R.T.: 4.337 min
Delta R.T.: -0.007 min
Response: 56077067
Conc: 256.68 ng/ml



#11 AR-1232-1

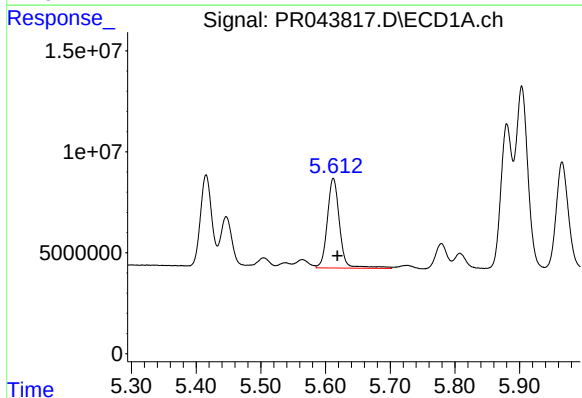
R.T.: 5.078 min
Delta R.T.: -0.006 min
Response: 39823930
Conc: 370.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



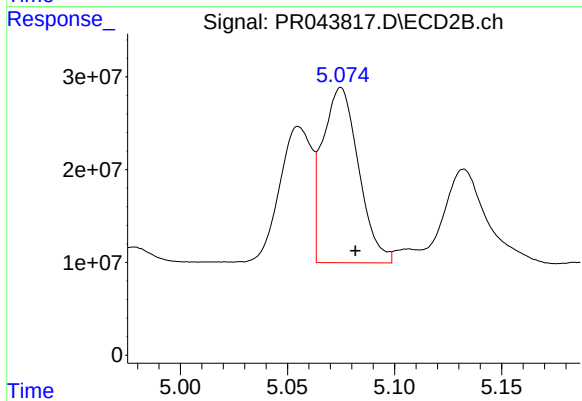
#11 AR-1232-1

R.T.: 4.337 min
Delta R.T.: -0.007 min
Response: 56077067
Conc: 332.42 ng/ml



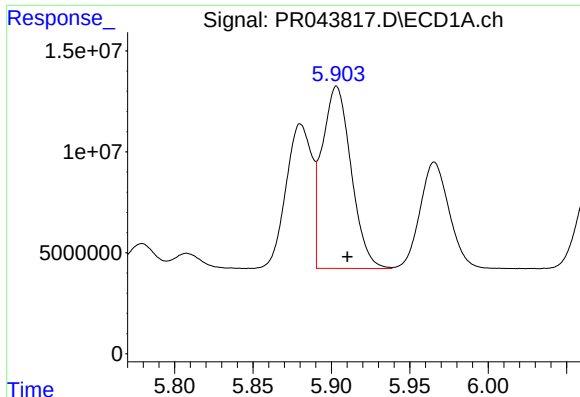
#12 AR-1232-2

R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 58598378
Conc: 1058.77 ng/ml



#12 AR-1232-2

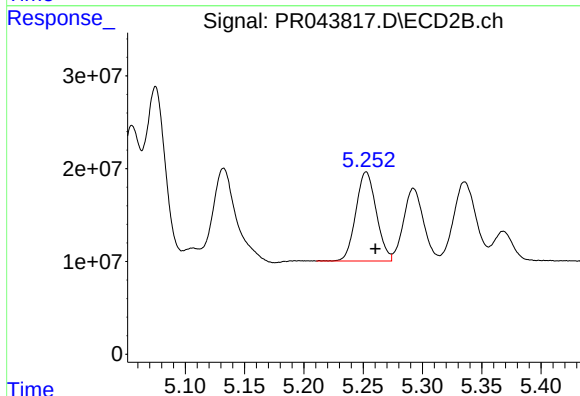
R.T.: 5.075 min
Delta R.T.: -0.007 min
Response: 220909840
Conc: 946.71 ng/ml



#13 AR-1232-3

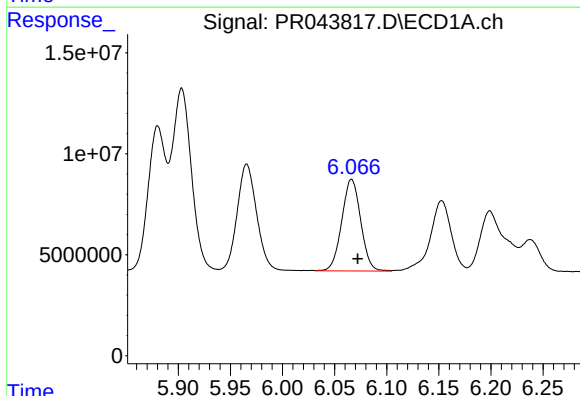
R.T.: 5.903 min
Delta R.T.: -0.007 min
Response: 116462613
Conc: 1027.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



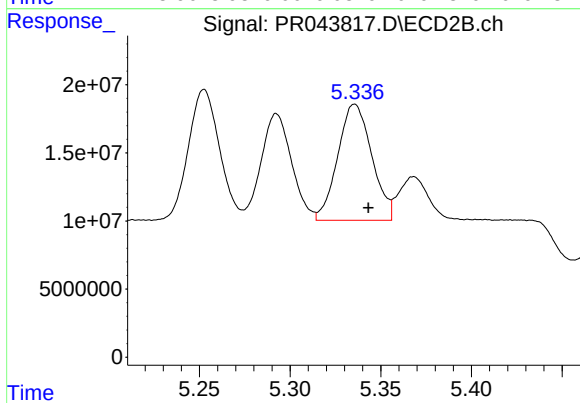
#13 AR-1232-3

R.T.: 5.253 min
Delta R.T.: -0.008 min
Response: 114895168
Conc: 938.90 ng/ml



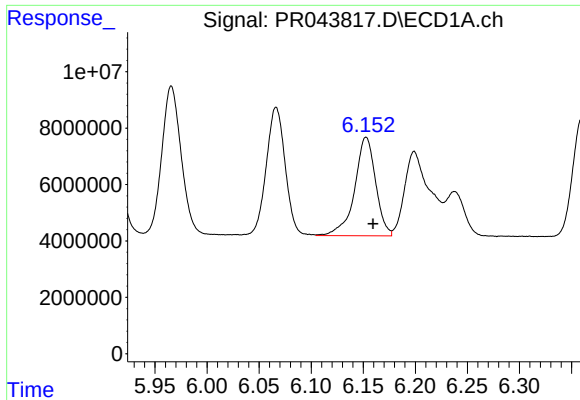
#14 AR-1232-4

R.T.: 6.066 min
Delta R.T.: -0.006 min
Response: 57503942
Conc: 989.32 ng/ml



#14 AR-1232-4

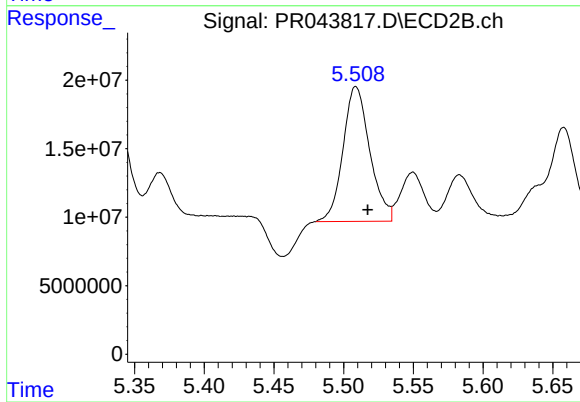
R.T.: 5.336 min
Delta R.T.: -0.008 min
Response: 111280584
Conc: 1048.33 ng/ml



#15 AR-1232-5

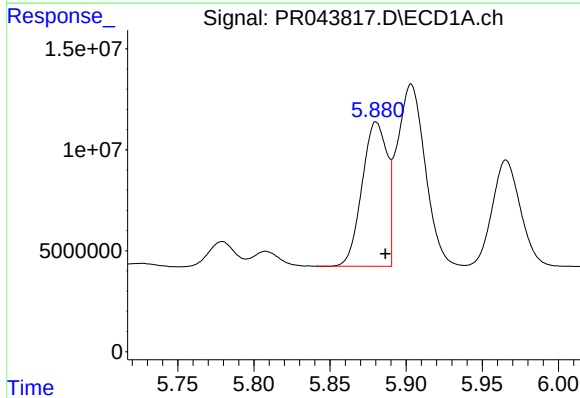
R.T.: 6.153 min
Delta R.T.: -0.007 min
Response: 49088744
Conc: 1099.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



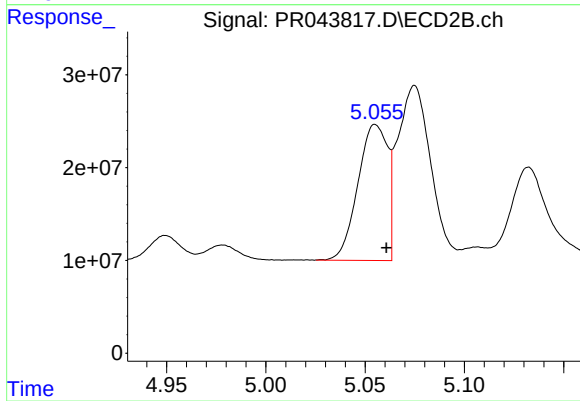
#15 AR-1232-5

R.T.: 5.509 min
Delta R.T.: -0.009 min
Response: 131668662
Conc: 1099.63 ng/ml



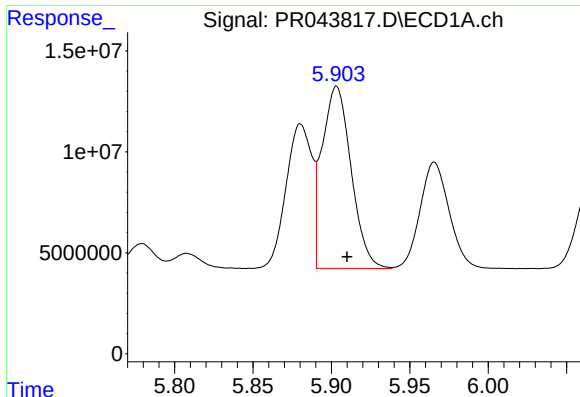
#16 AR-1242-1

R.T.: 5.880 min
Delta R.T.: -0.006 min
Response: 81919541
Conc: 503.95 ng/ml



#16 AR-1242-1

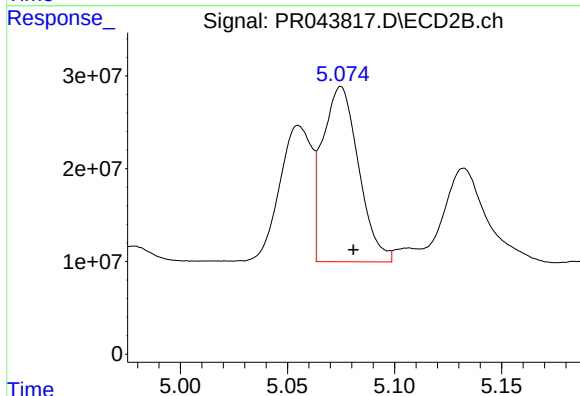
R.T.: 5.055 min
Delta R.T.: -0.005 min
Response: 152358635
Conc: 460.80 ng/ml



#17 AR-1242-2

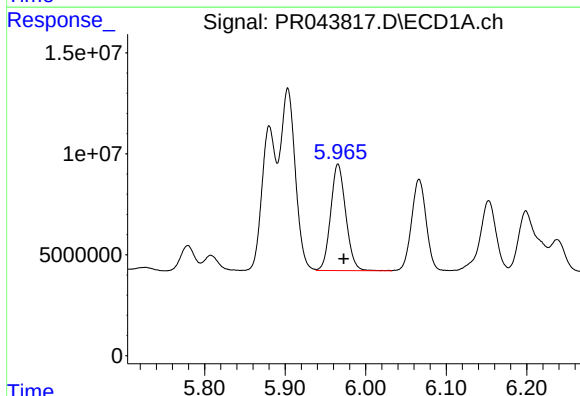
R.T.: 5.903 min
Delta R.T.: -0.007 min
Response: 116462613
Conc: 510.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



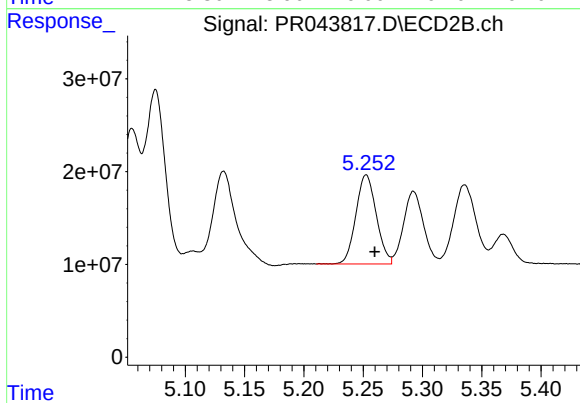
#17 AR-1242-2

R.T.: 5.075 min
Delta R.T.: -0.006 min
Response: 220909840
Conc: 483.23 ng/ml



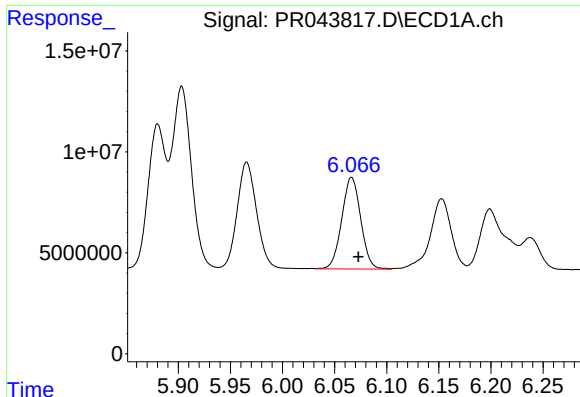
#18 AR-1242-3

R.T.: 5.966 min
Delta R.T.: -0.007 min
Response: 68706093
Conc: 499.50 ng/ml



#18 AR-1242-3

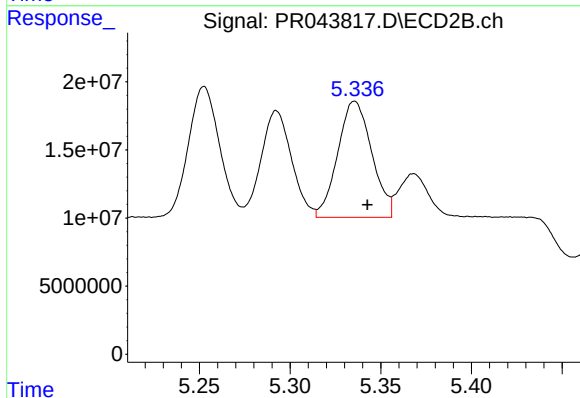
R.T.: 5.253 min
Delta R.T.: -0.007 min
Response: 114895168
Conc: 471.43 ng/ml



#19 AR-1242-4

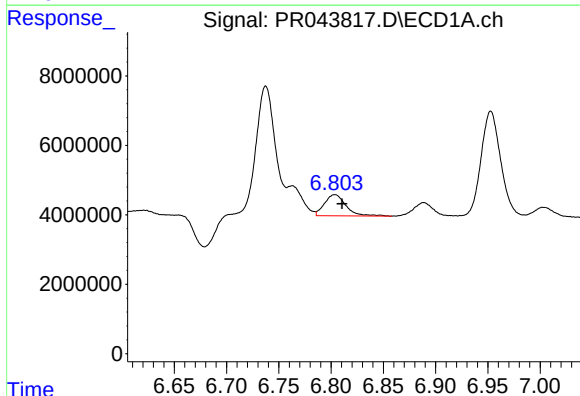
R.T.: 6.066 min
Delta R.T.: -0.007 min
Response: 57503942
Conc: 500.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



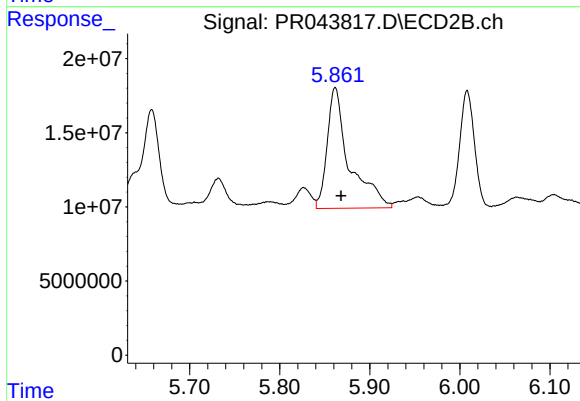
#19 AR-1242-4

R.T.: 5.336 min
Delta R.T.: -0.007 min
Response: 111280584
Conc: 472.38 ng/ml



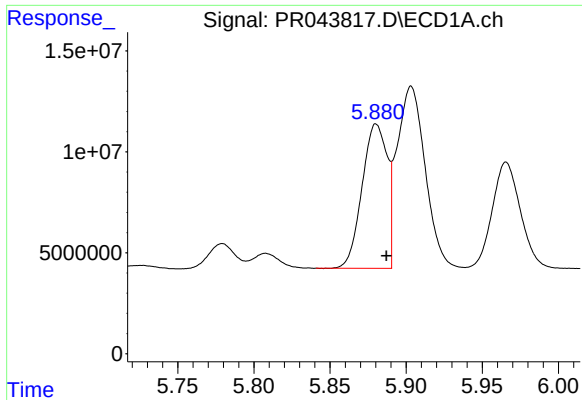
#20 AR-1242-5

R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 8676236
Conc: 68.21 ng/ml



#20 AR-1242-5

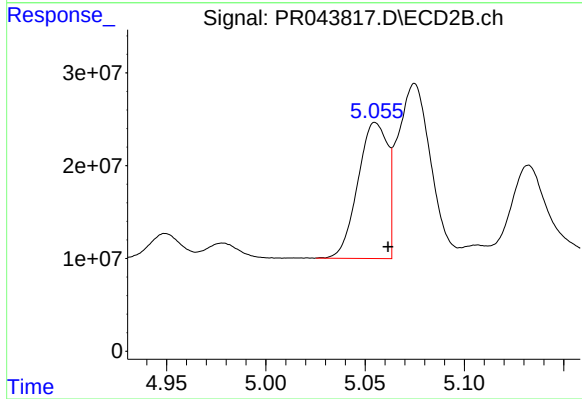
R.T.: 5.862 min
Delta R.T.: -0.006 min
Response: 139426029
Conc: 409.00 ng/ml



#21 AR-1248-1

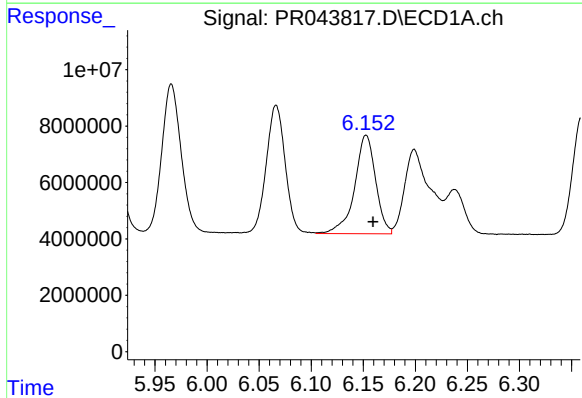
R.T.: 5.880 min
Delta R.T.: -0.007 min
Response: 81919541
Conc: 690.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



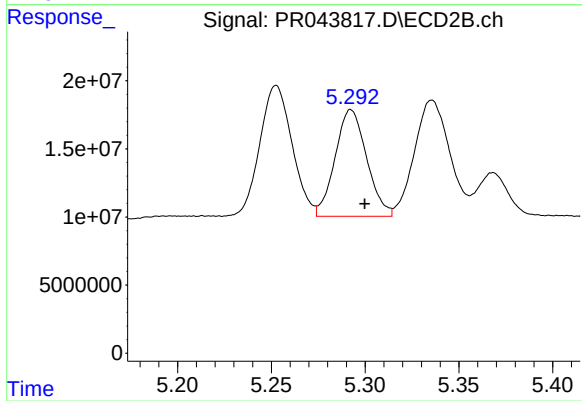
#21 AR-1248-1

R.T.: 5.055 min
Delta R.T.: -0.006 min
Response: 152358635
Conc: 622.64 ng/ml



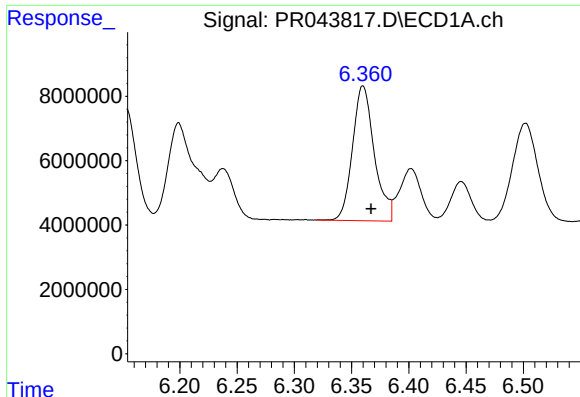
#22 AR-1248-2

R.T.: 6.153 min
Delta R.T.: -0.007 min
Response: 49088744
Conc: 301.30 ng/ml



#22 AR-1248-2

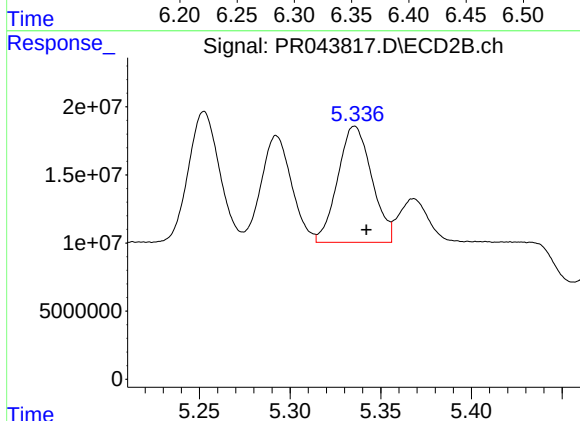
R.T.: 5.292 min
Delta R.T.: -0.007 min
Response: 91702688
Conc: 282.79 ng/ml



#23 AR-1248-3

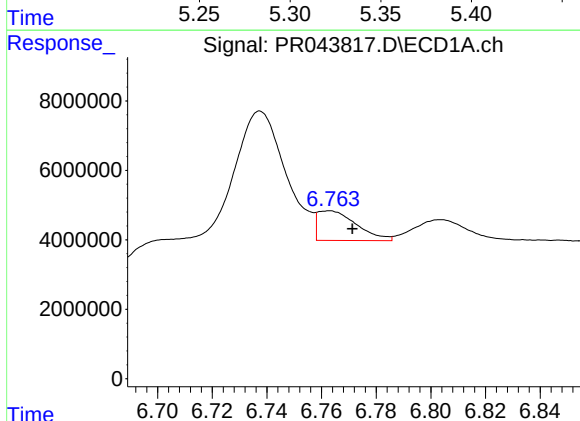
R.T.: 6.360 min
Delta R.T.: -0.007 min
Response: 55495769
Conc: 305.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



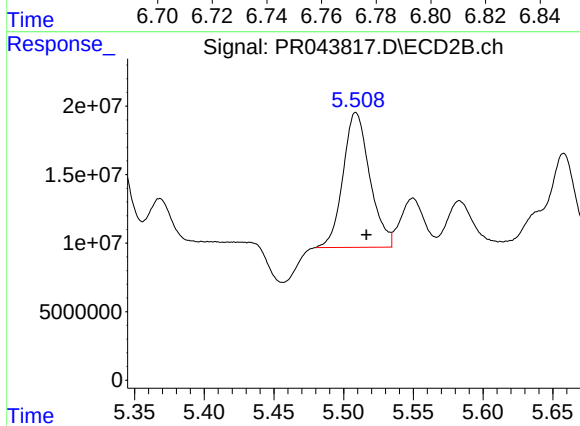
#23 AR-1248-3

R.T.: 5.336 min
Delta R.T.: -0.006 min
Response: 111280584
Conc: 337.89 ng/ml



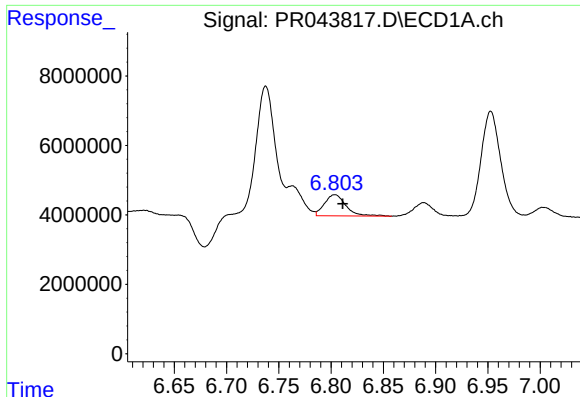
#24 AR-1248-4

R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 8435563
Conc: 40.30 ng/ml



#24 AR-1248-4

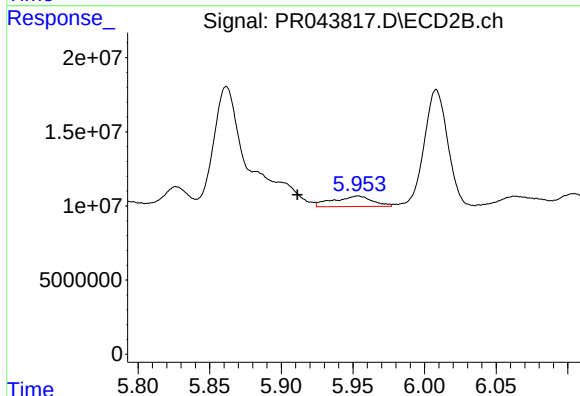
R.T.: 5.509 min
Delta R.T.: -0.008 min
Response: 131668662
Conc: 317.58 ng/ml



#25 AR-1248-5

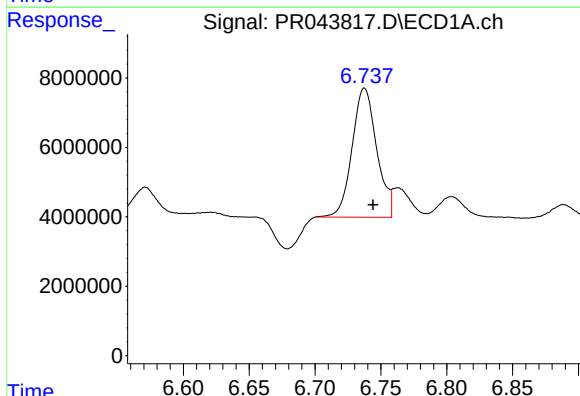
R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 8676236
Conc: 43.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



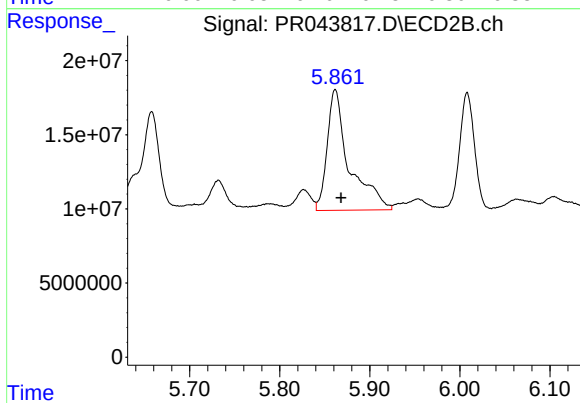
#25 AR-1248-5

R.T.: 5.953 min
Delta R.T.: 0.042 min
Response: 13574232
Conc: 30.54 ng/ml



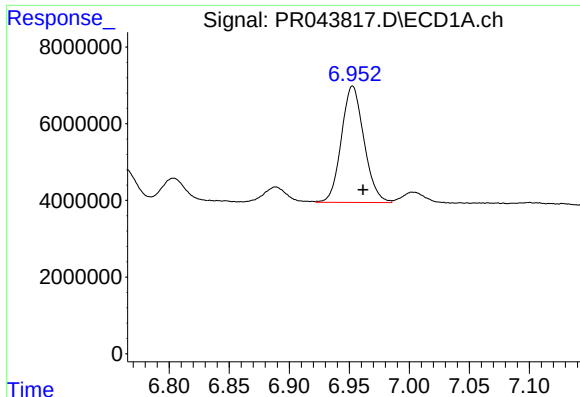
#26 AR-1254-1

R.T.: 6.738 min
Delta R.T.: -0.007 min
Response: 48395815
Conc: 221.42 ng/ml



#26 AR-1254-1

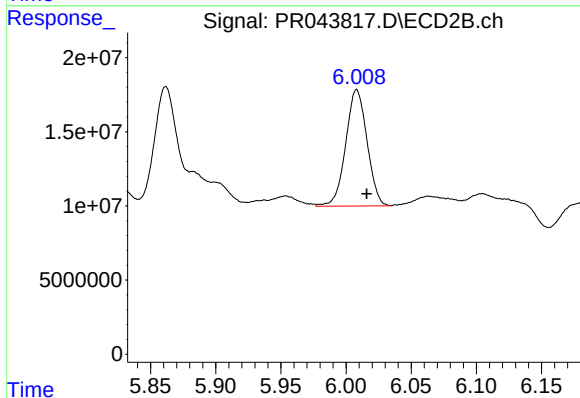
R.T.: 5.862 min
Delta R.T.: -0.007 min
Response: 139426029
Conc: 195.69 ng/ml



#27 AR-1254-2

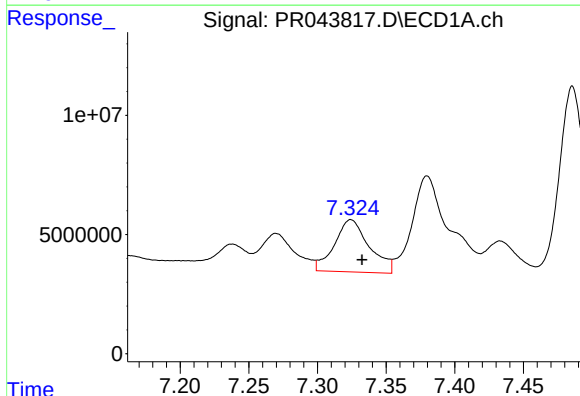
R.T.: 6.953 min
Delta R.T.: -0.009 min
Response: 39800465
Conc: 118.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



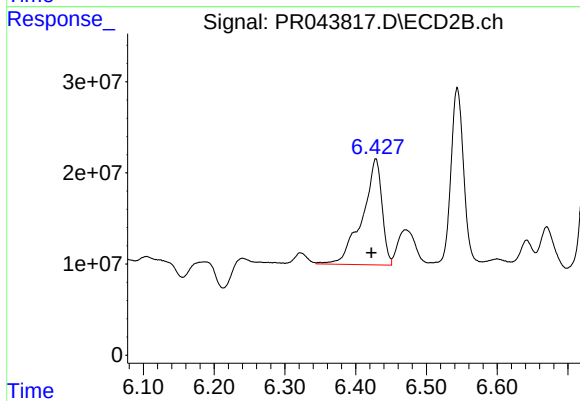
#27 AR-1254-2

R.T.: 6.008 min
Delta R.T.: -0.008 min
Response: 89721589
Conc: 140.27 ng/ml



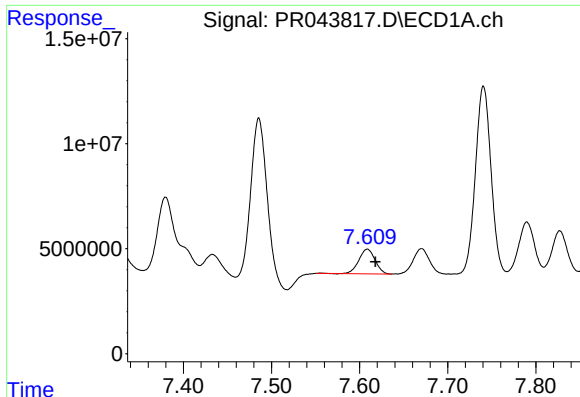
#28 AR-1254-3

R.T.: 7.324 min
Delta R.T.: -0.008 min
Response: 38779900
Conc: 110.87 ng/ml



#28 AR-1254-3

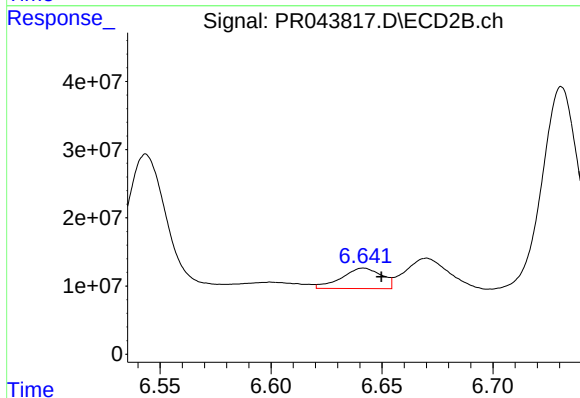
R.T.: 6.428 min
Delta R.T.: 0.006 min
Response: 225245365
Conc: 222.51 ng/ml



#29 AR-1254-4

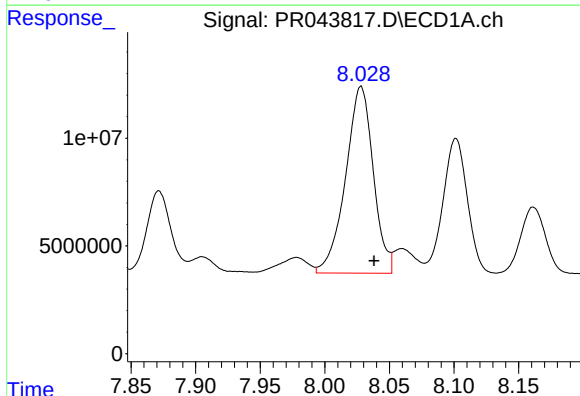
R.T.: 7.609 min
Delta R.T.: -0.009 min
Response: 14956605
Conc: 59.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



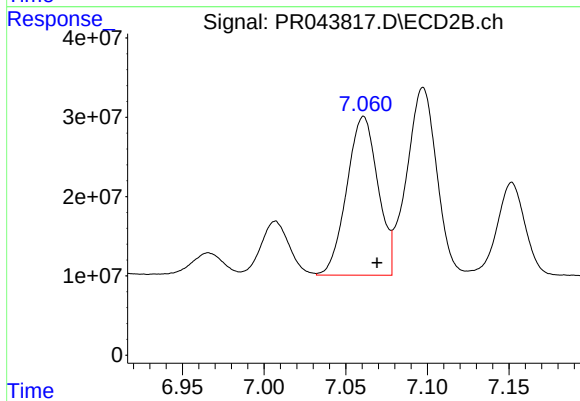
#29 AR-1254-4

R.T.: 6.642 min
Delta R.T.: -0.008 min
Response: 37809210
Conc: 52.51 ng/ml



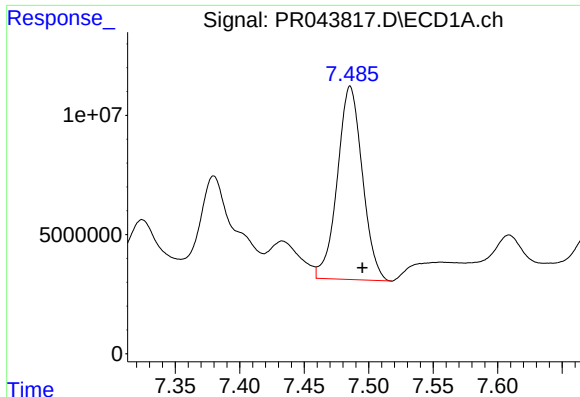
#30 AR-1254-5

R.T.: 8.028 min
Delta R.T.: -0.010 min
Response: 129480637
Conc: 502.45 ng/ml



#30 AR-1254-5

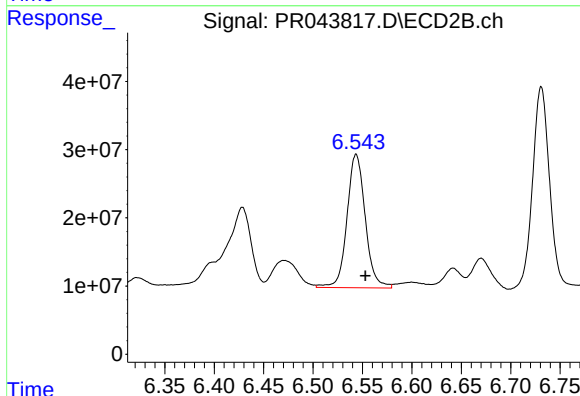
R.T.: 7.061 min
Delta R.T.: -0.008 min
Response: 266310947
Conc: 312.62 ng/ml



#31 AR-1260-1

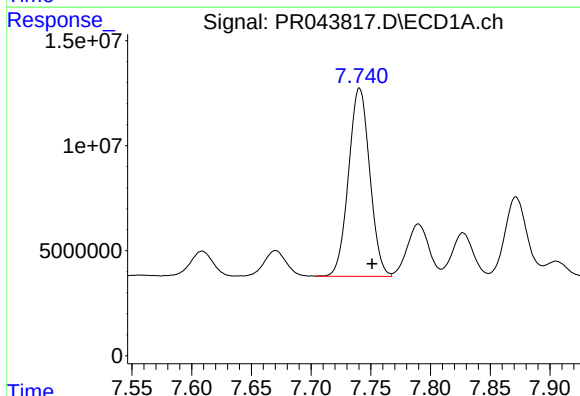
R.T.: 7.486 min
Delta R.T.: -0.010 min
Response: 109384450
Conc: 438.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



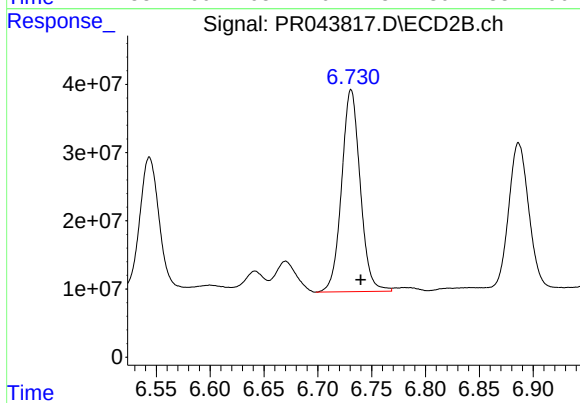
#31 AR-1260-1

R.T.: 6.544 min
Delta R.T.: -0.009 min
Response: 251747662
Conc: 371.59 ng/ml



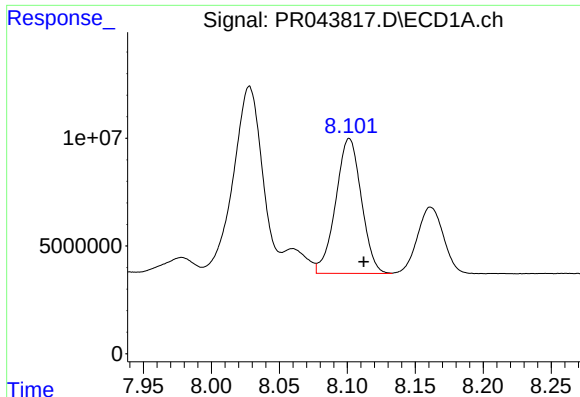
#32 AR-1260-2

R.T.: 7.741 min
Delta R.T.: -0.010 min
Response: 110738343
Conc: 372.73 ng/ml



#32 AR-1260-2

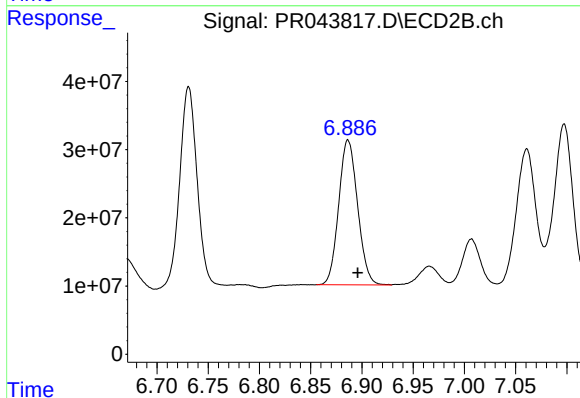
R.T.: 6.731 min
Delta R.T.: -0.009 min
Response: 355584454
Conc: 367.01 ng/ml



#33 AR-1260-3

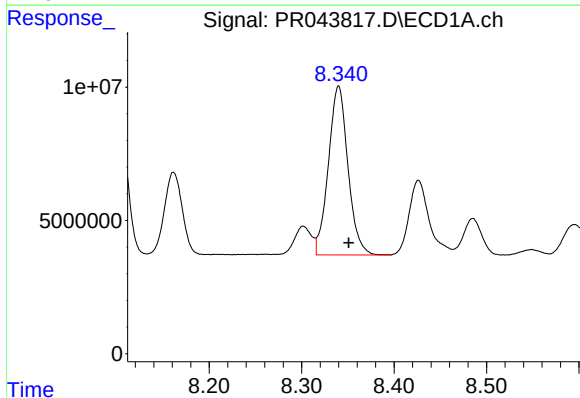
R.T.: 8.101 min
Delta R.T.: -0.011 min
Response: 82267962
Conc: 371.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



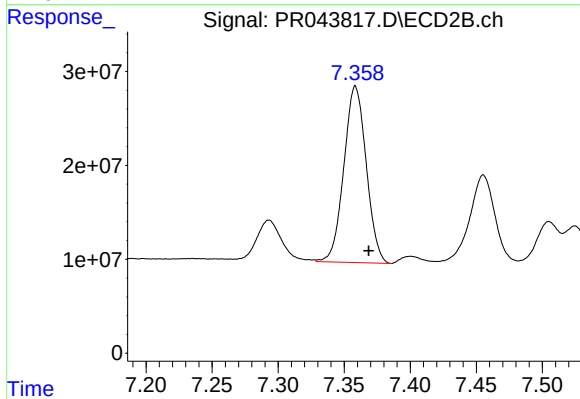
#33 AR-1260-3

R.T.: 6.886 min
Delta R.T.: -0.010 min
Response: 272968646
Conc: 349.54 ng/ml



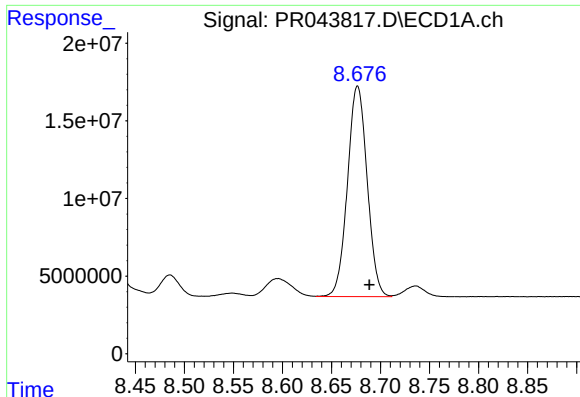
#34 AR-1260-4

R.T.: 8.340 min
Delta R.T.: -0.011 min
Response: 93316980
Conc: 370.99 ng/ml



#34 AR-1260-4

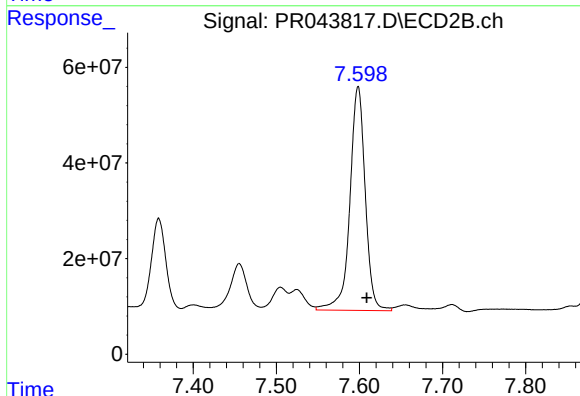
R.T.: 7.358 min
Delta R.T.: -0.010 min
Response: 221627829
Conc: 349.34 ng/ml



#35 AR-1260-5

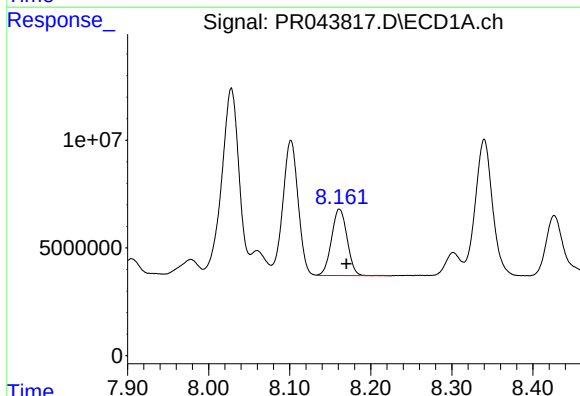
R.T.: 8.677 min
Delta R.T.: -0.012 min
Response: 189637975
Conc: 393.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



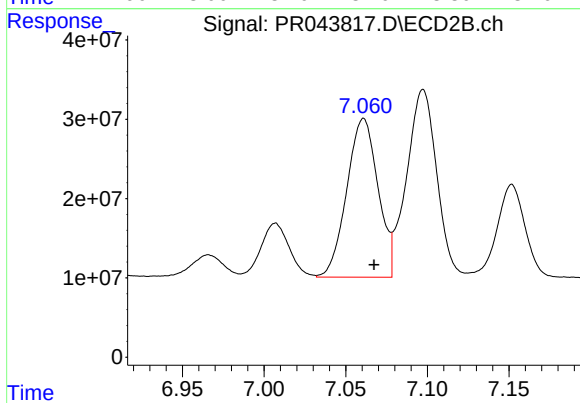
#35 AR-1260-5

R.T.: 7.598 min
Delta R.T.: -0.010 min
Response: 601879295
Conc: 353.60 ng/ml



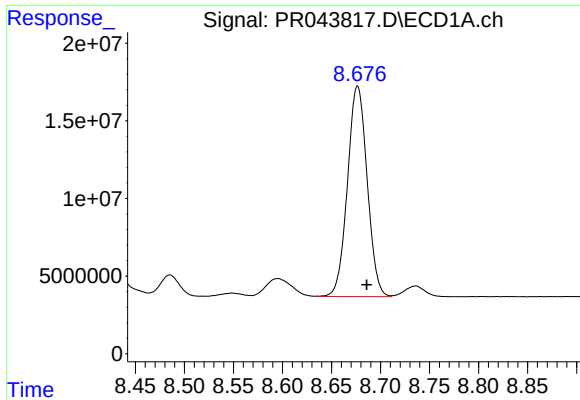
#36 AR-1262-1

R.T.: 8.161 min
Delta R.T.: -0.009 min
Response: 41180880
Conc: 309.34 ng/ml



#36 AR-1262-1

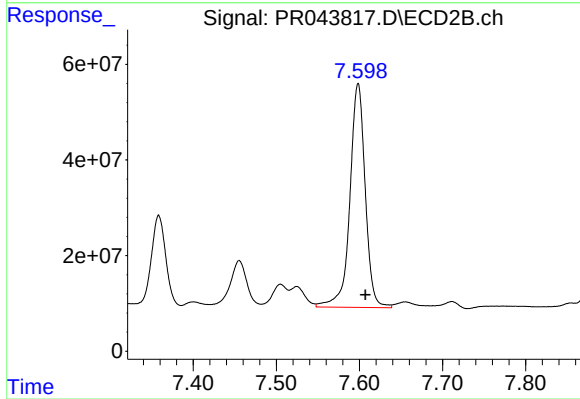
R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 266310947
Conc: 538.56 ng/ml



#37 AR-1262-2

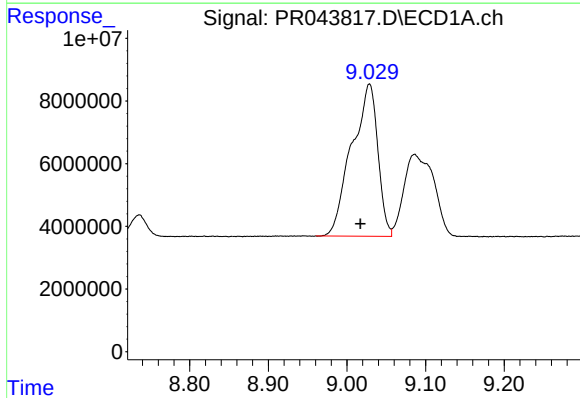
R.T.: 8.677 min
Delta R.T.: -0.009 min
Response: 189637975
Conc: 332.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



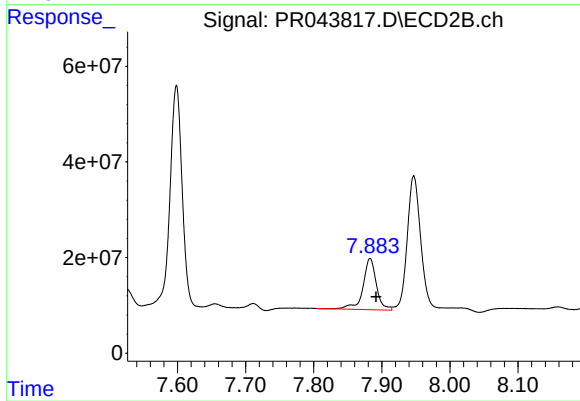
#37 AR-1262-2

R.T.: 7.598 min
Delta R.T.: -0.009 min
Response: 601879295
Conc: 316.35 ng/ml



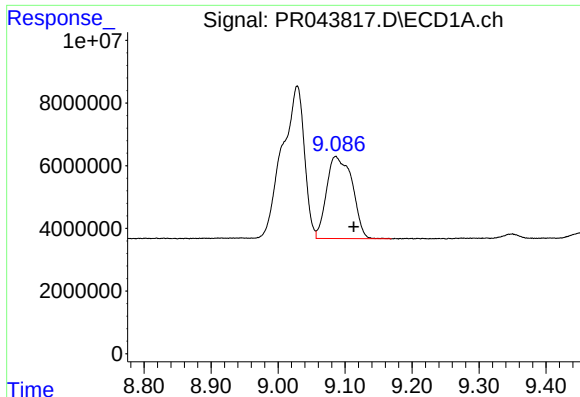
#38 AR-1262-3

R.T.: 9.029 min
Delta R.T.: 0.011 min
Response: 112019562
Conc: 309.41 ng/ml



#38 AR-1262-3

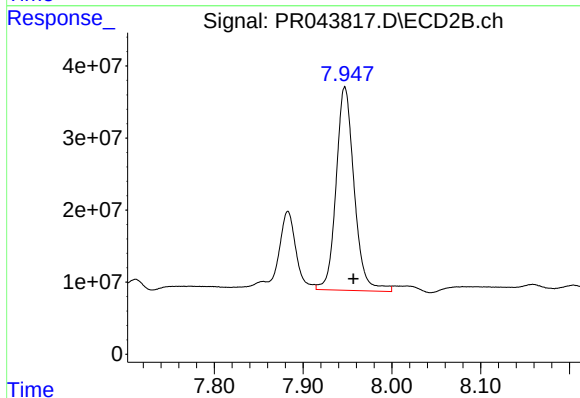
R.T.: 7.883 min
Delta R.T.: -0.009 min
Response: 146230536
Conc: 191.70 ng/ml



#39 AR-1262-4

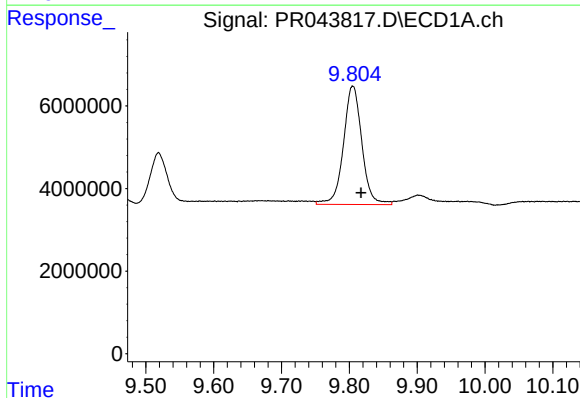
R.T.: 9.086 min
Delta R.T.: -0.027 min
Response: 69671381
Conc: 261.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



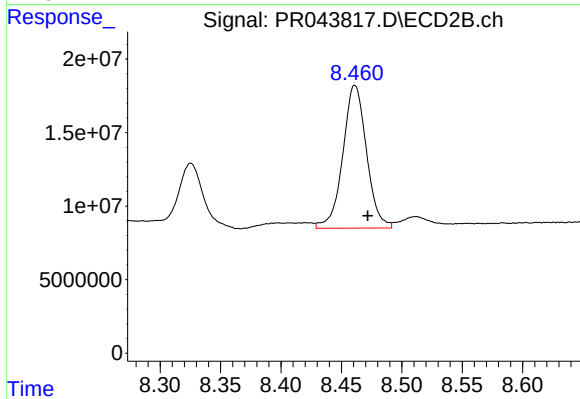
#39 AR-1262-4

R.T.: 7.947 min
Delta R.T.: -0.010 min
Response: 400019146
Conc: 322.24 ng/ml



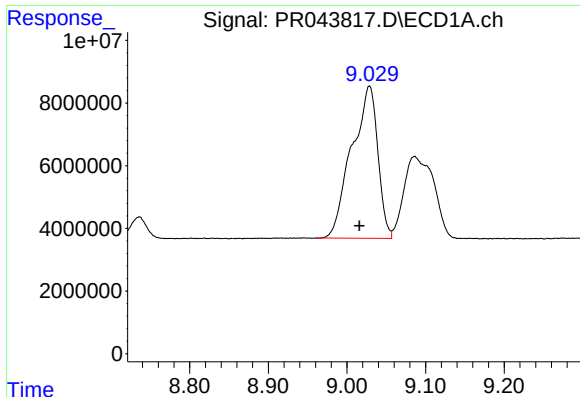
#40 AR-1262-5

R.T.: 9.805 min
Delta R.T.: -0.012 min
Response: 54134773
Conc: 287.48 ng/ml



#40 AR-1262-5

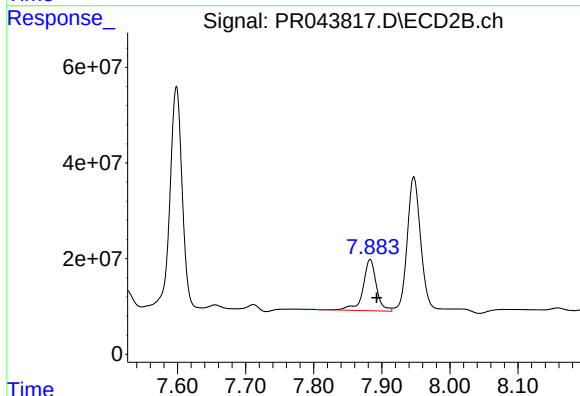
R.T.: 8.461 min
Delta R.T.: -0.011 min
Response: 132589137
Conc: 232.63 ng/ml



#41 AR-1268-1

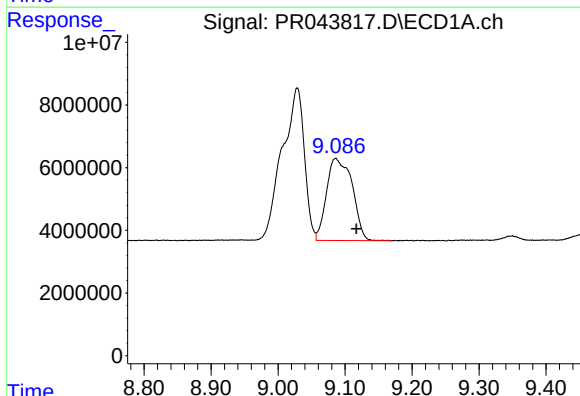
R.T.: 9.029 min
Delta R.T.: 0.013 min
Response: 112019562
Conc: 175.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



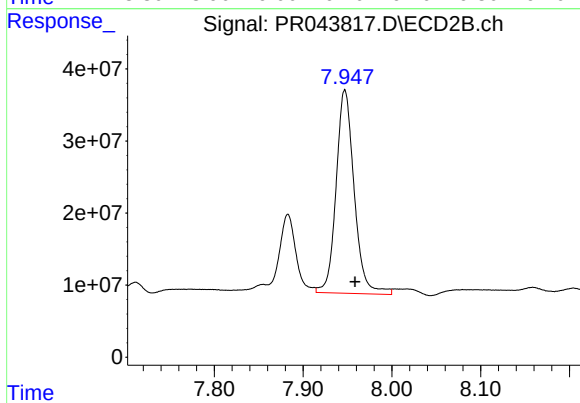
#41 AR-1268-1

R.T.: 7.883 min
Delta R.T.: -0.010 min
Response: 146230536
Conc: 68.14 ng/ml



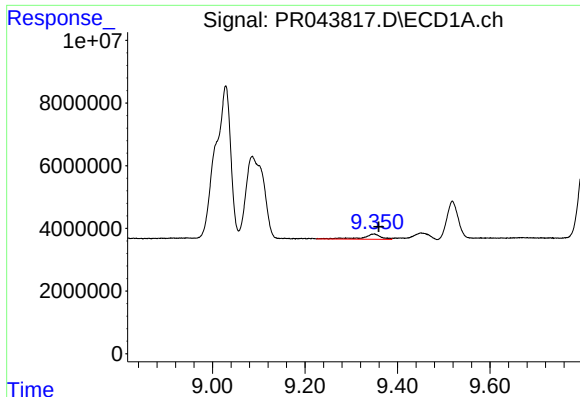
#42 AR-1268-2

R.T.: 9.086 min
Delta R.T.: -0.031 min
Response: 69671381
Conc: 120.92 ng/ml



#42 AR-1268-2

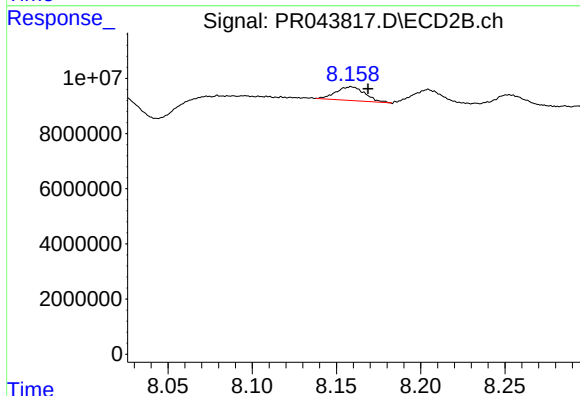
R.T.: 7.947 min
Delta R.T.: -0.011 min
Response: 400019146
Conc: 220.47 ng/ml



#43 AR-1268-3

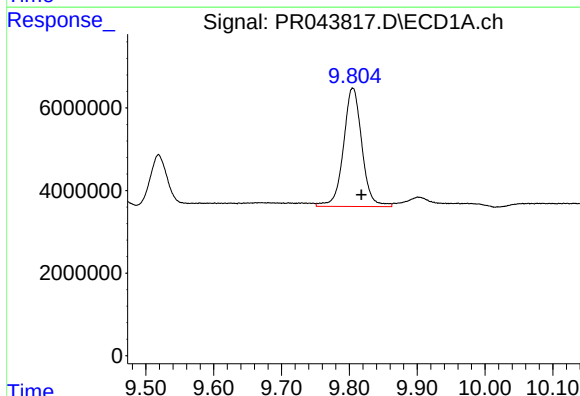
R.T.: 9.348 min
Delta R.T.: -0.011 min
Response: 4730025
Conc: 10.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



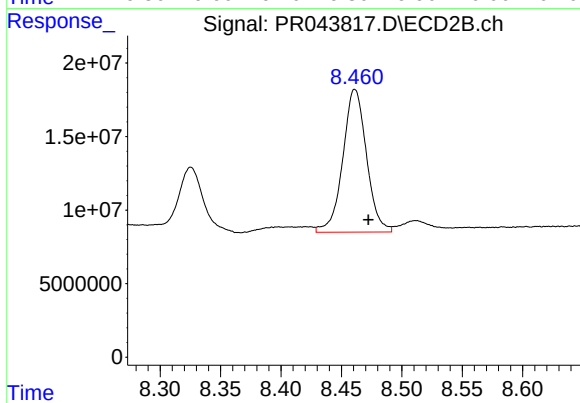
#43 AR-1268-3

R.T.: 8.159 min
Delta R.T.: -0.010 min
Response: 5927602
Conc: 3.85 ng/ml



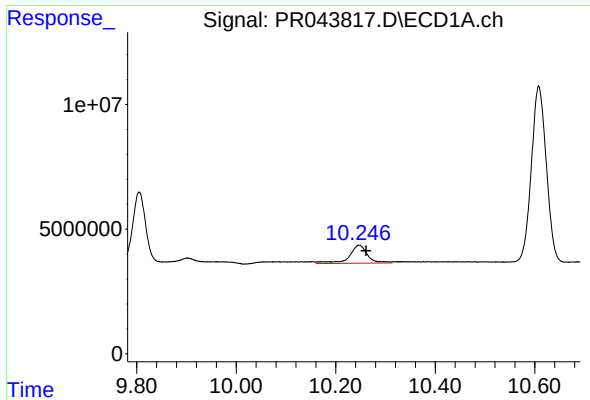
#44 AR-1268-4

R.T.: 9.805 min
Delta R.T.: -0.012 min
Response: 54134773
Conc: 264.95 ng/ml



#44 AR-1268-4

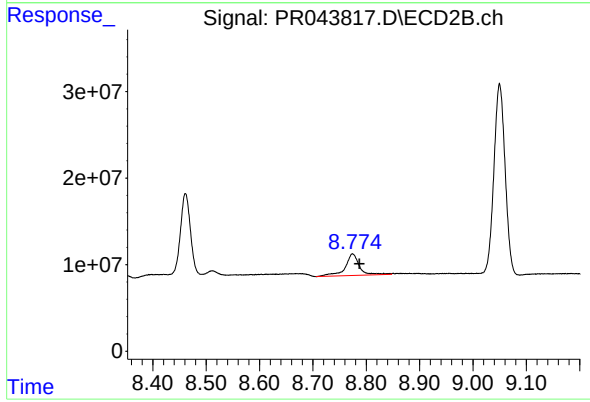
R.T.: 8.461 min
Delta R.T.: -0.011 min
Response: 132589137
Conc: 216.21 ng/ml



#45 AR-1268-5

R.T.: 10.247 min
Delta R.T.: -0.014 min
Response: 18412702
Conc: 11.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660375



#45 AR-1268-5

R.T.: 8.774 min
Delta R.T.: -0.013 min
Response: 46460754
Conc: 10.98 ng/ml