

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120519\
 Data File : PR043604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2019 06:31
 Operator : SM\AJ
 Sample : K6156-10MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 P001-CF49-0612-01MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 07:00:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 05 02:16:29 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...	4.708	3.968	102.0E6	134.0E6	18.349	17.435
2)	SA Decachlor...	10.619	9.060	118.6E6	285.1E6	31.532	28.808
Target Compounds							
3)	L1 AR-1016-1	5.886	5.062	78558377	150.9E6	405.898	372.120
4)	L1 AR-1016-2	5.909	5.081	109.4E6	209.5E6	399.995	375.682
5)	L1 AR-1016-3	5.972	5.260	65955888	110.5E6	403.414	370.068
6)	L1 AR-1016-4	6.072	5.299	54795546	85956701	403.315	357.653
7)	L1 AR-1016-5	6.366	5.516	52861485	111.6E6	387.081	351.491
8)	L2 AR-1221-1	4.912	4.179	6960502	9715613	121.706	113.958
9)	L2 AR-1221-2	5.005	4.267	8984272	12694169	221.183	203.268
10)	L2 AR-1221-3	5.084	4.344	37825648	56089936	279.003	256.778
11)	L3 AR-1232-1	5.084	4.344	37825648	56089936	357.245	324.202
12)	L3 AR-1232-2	5.618	5.081	53857710	209.5E6	984.146	896.534
13)	L3 AR-1232-3	5.909	5.260	109.4E6	110.5E6	968.198	907.873
14)	L3 AR-1232-4	6.072	5.343	54795546	104.8E6	970.766	983.703
15)	L3 AR-1232-5	6.159	5.516	47540391	111.6E6	1102.883	932.370
16)	L4 AR-1242-1	5.886	5.062	78558377	150.9E6	483.446	454.673
17)	L4 AR-1242-2	5.909	5.081	109.4E6	209.5E6	479.779	455.493
18)	L4 AR-1242-3	5.972	5.260	65955888	110.5E6	481.841	452.661
19)	L4 AR-1242-4	6.072	5.343	54795546	104.8E6	481.781	443.879
20)	L4 AR-1242-5	6.810	5.869	7970369	94665884	63.041	274.298 #
21)	L5 AR-1248-1	5.886	5.062	78558377	150.9E6	663.149	614.460
22)	L5 AR-1248-2	6.159	5.299	47540391	85956701	295.649	264.909
23)	L5 AR-1248-3	6.366	5.343	52861485	104.8E6	292.612	318.238
24)	L5 AR-1248-4	6.768	5.516	7167876	111.6E6	34.337	270.941 #
25)	L5 AR-1248-5	6.810	5.911	7970369	13393664	40.356	30.152 #
26)	L6 AR-1254-1	6.743	5.869	40366167	94665884	184.993	132.871 #
27)	L6 AR-1254-2	6.959	6.015	42331949	91569167	125.574	143.159
28)	L6 AR-1254-3	7.330	6.436	20775271	202.9E6	59.398	200.454 #
29)	L6 AR-1254-4	7.616	6.649	13380519	19926247	53.578	27.672 #
30)	L6 AR-1254-5	8.035	7.067	121.1E6	312.6E6	470.155	366.998
31)	L7 AR-1260-1	7.493	6.552	89958157	220.9E6	359.806	328.931
32)	L7 AR-1260-2	7.748	6.739	102.0E6	317.9E6	344.600	328.212
33)	L7 AR-1260-3	8.109	6.894	61865330	255.8E6	280.965	328.156
34)	L7 AR-1260-4	8.347	7.366	76131600	178.2E6	305.402	282.355
35)	L7 AR-1260-5	8.684	7.607	141.9E6	484.9E6	294.508	286.015
36)	L8 AR-1262-1	8.168	7.067	34445057	312.6E6	260.836	632.245 #
37)	L8 AR-1262-2	8.684	7.607	141.9E6	484.9E6	249.180	254.865
38)	L8 AR-1262-3	9.036	7.890	90858717	87796280	250.938	115.111 #
39)	L8 AR-1262-4	9.093	7.955	49159364	297.0E6	184.632	239.291 #
40)	L8 AR-1262-5	9.814	8.469	34413337	93528629	182.944	164.100
41)	L9 AR-1268-1	9.036	7.890	90858717	87796280	141.975	40.870 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120519\
 Data File : PR043604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2019 06:31
 Operator : SM\AJ
 Sample : K6156-10MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

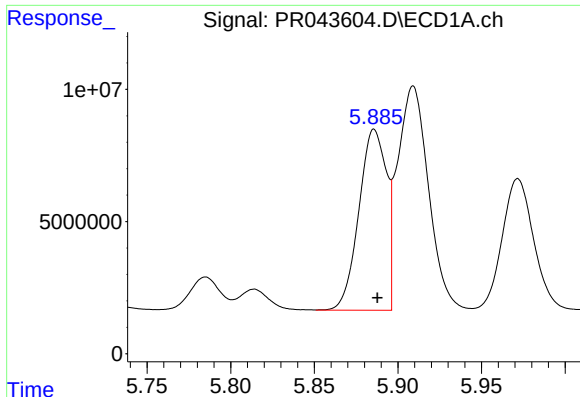
Instrument :
 ECD_R
 ClientSampleId :
 P001-CF49-0612-01MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 07:00:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 05 02:16:29 2019
 Response via : Initial Calibration
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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	9.093	7.955	49159364	297.0E6	85.300	163.641 #
43) L9	AR-1268-3	9.357	8.167	2974615	7480533	6.323	4.859
44) L9	AR-1268-4	9.814	8.469	34413337	93528629	167.873	152.518
45) L9	AR-1268-5	10.257	8.784	12130801	29909343	7.757	7.069

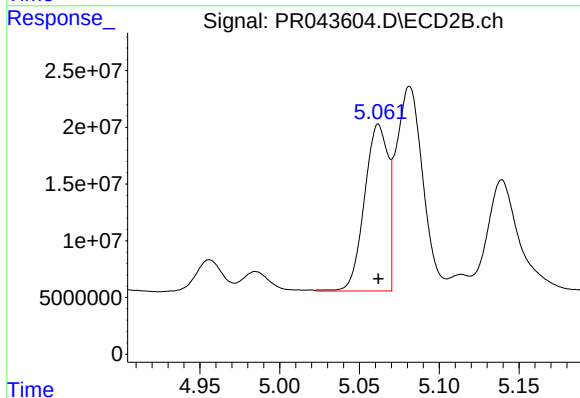
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

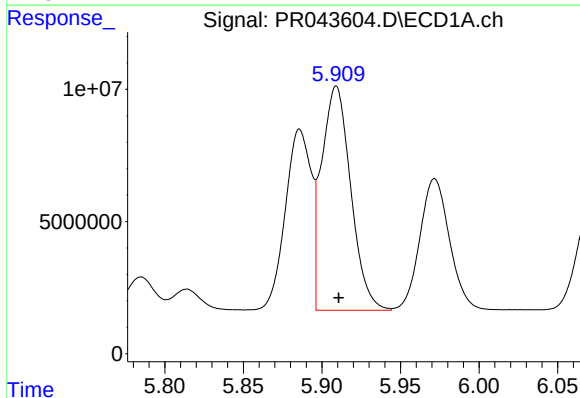
R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 78558377
Conc: 405.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



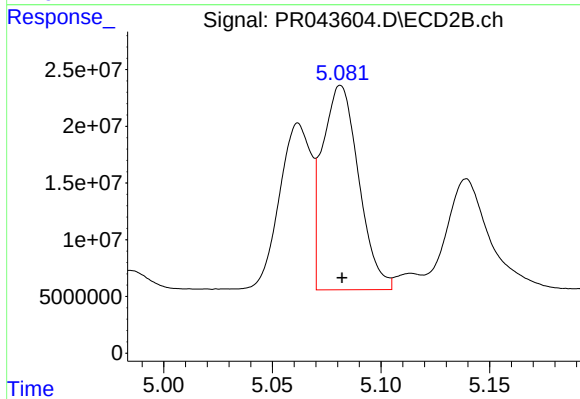
#3 AR-1016-1

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 150882768
Conc: 372.12 ng/ml



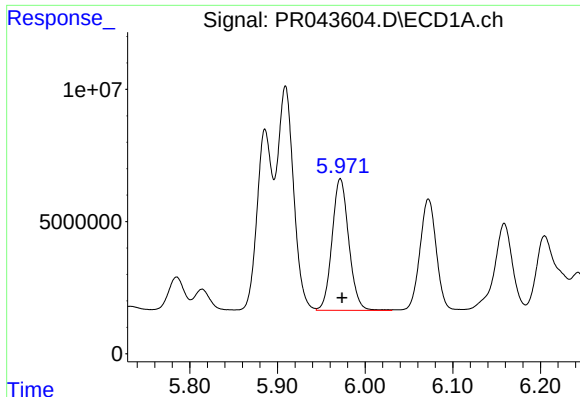
#4 AR-1016-2

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 109362078
Conc: 400.00 ng/ml



#4 AR-1016-2

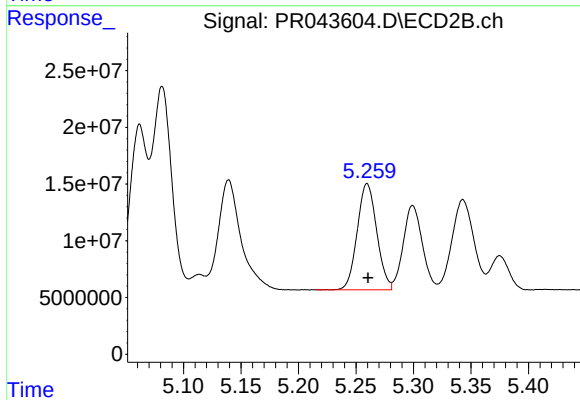
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 209520464
Conc: 375.68 ng/ml



#5 AR-1016-3

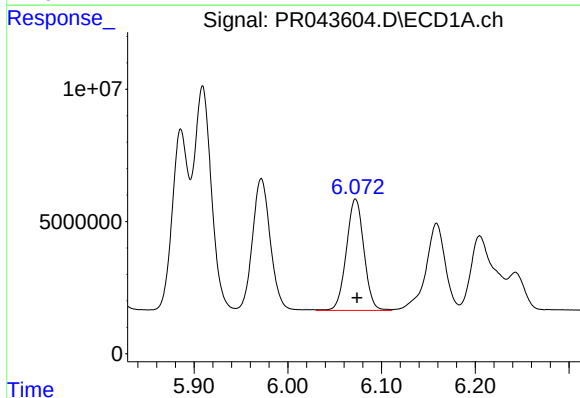
R.T.: 5.972 min
Delta R.T.: -0.002 min
Response: 65955888
Conc: 403.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



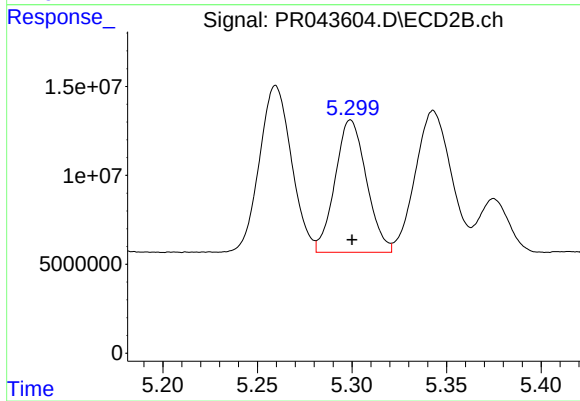
#5 AR-1016-3

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 110453366
Conc: 370.07 ng/ml



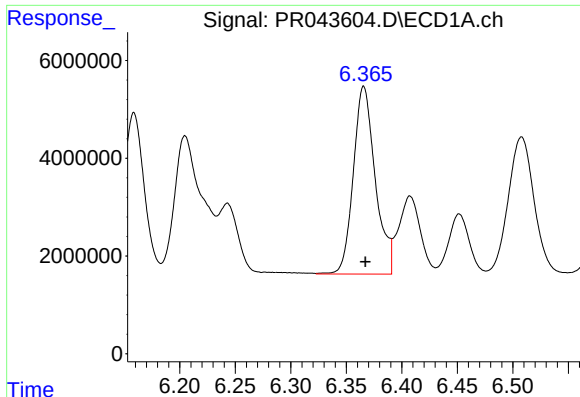
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 54795546
Conc: 403.32 ng/ml



#6 AR-1016-4

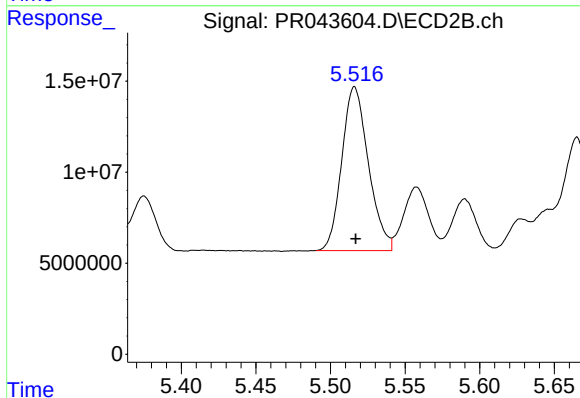
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 85956701
Conc: 357.65 ng/ml



#7 AR-1016-5

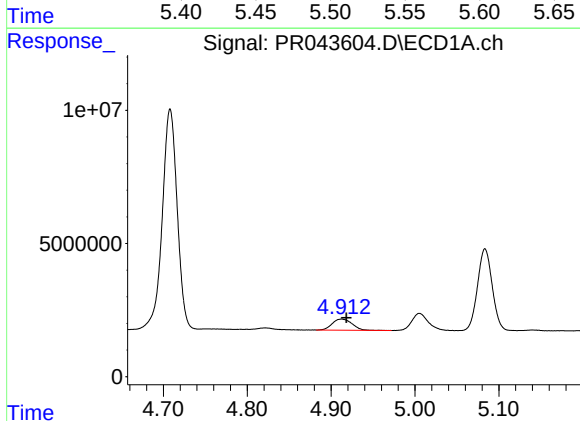
R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 52861485
Conc: 387.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



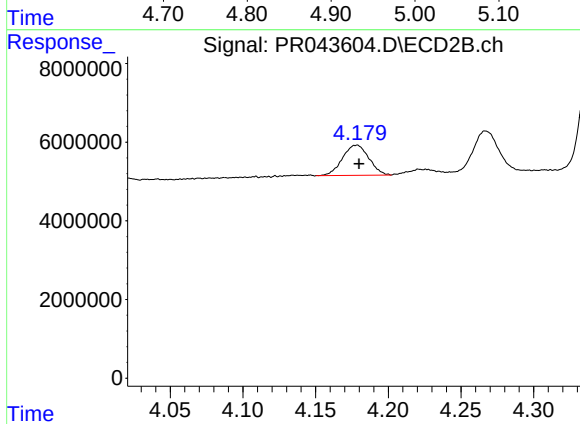
#7 AR-1016-5

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 111637813
Conc: 351.49 ng/ml



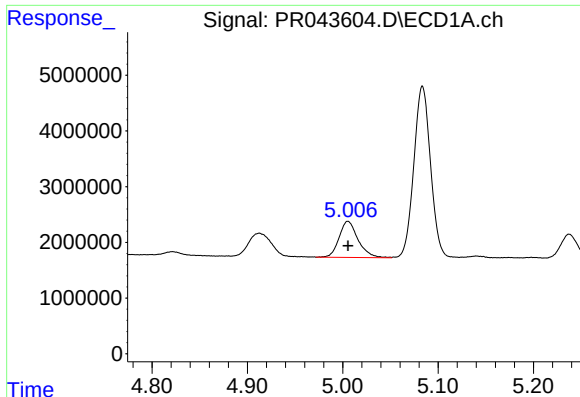
#8 AR-1221-1

R.T.: 4.912 min
Delta R.T.: -0.006 min
Response: 6960502
Conc: 121.71 ng/ml



#8 AR-1221-1

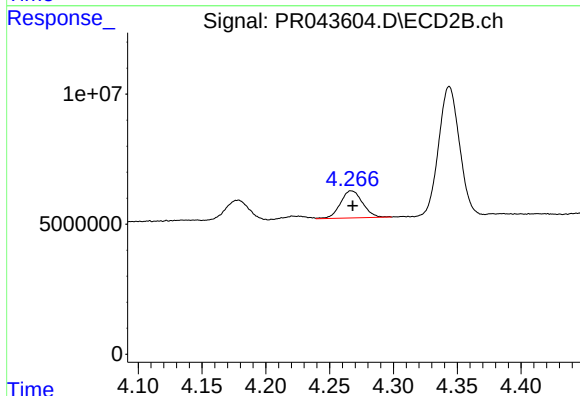
R.T.: 4.179 min
Delta R.T.: -0.001 min
Response: 9715613
Conc: 113.96 ng/ml



#9 AR-1221-2

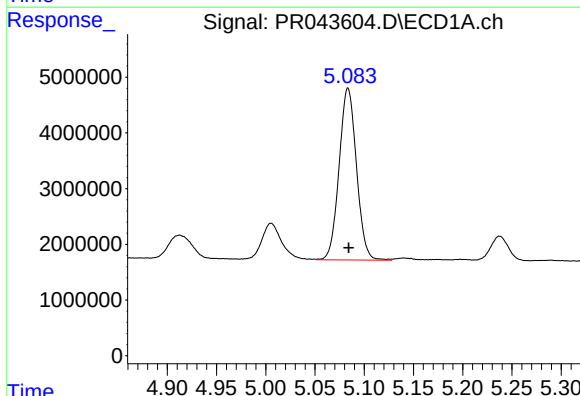
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 8984272
Conc: 221.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



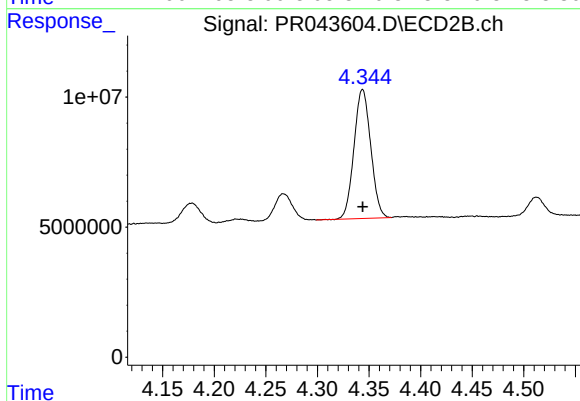
#9 AR-1221-2

R.T.: 4.267 min
Delta R.T.: -0.001 min
Response: 12694169
Conc: 203.27 ng/ml



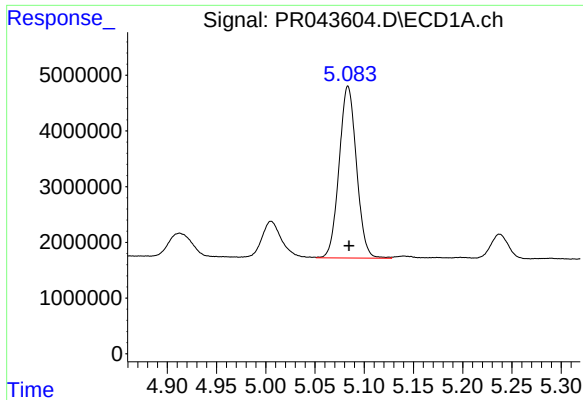
#10 AR-1221-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 37825648
Conc: 279.00 ng/ml



#10 AR-1221-3

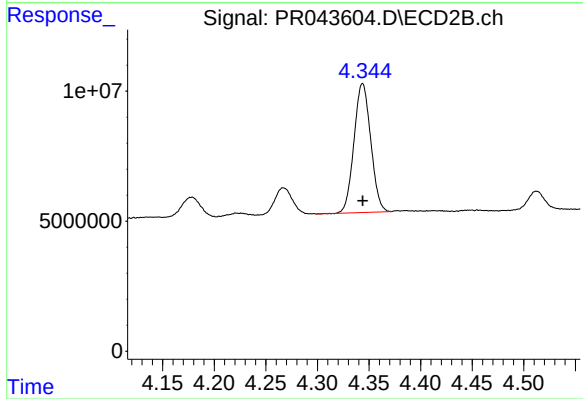
R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 56089936
Conc: 256.78 ng/ml



#11 AR-1232-1

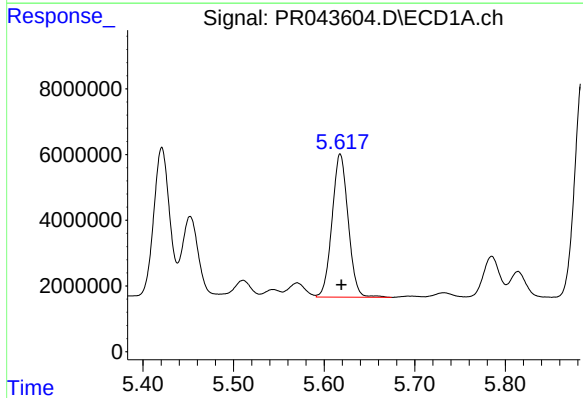
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 37825648
Conc: 357.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



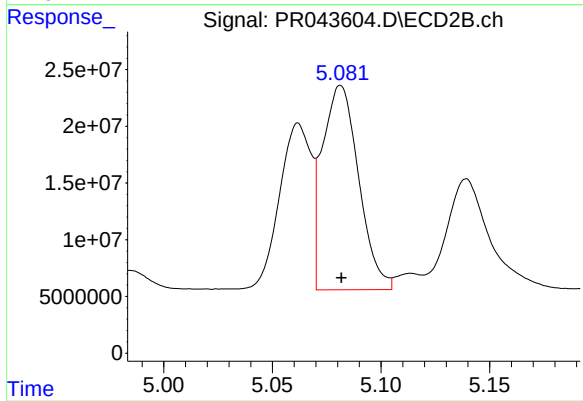
#11 AR-1232-1

R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 56089936
Conc: 324.20 ng/ml



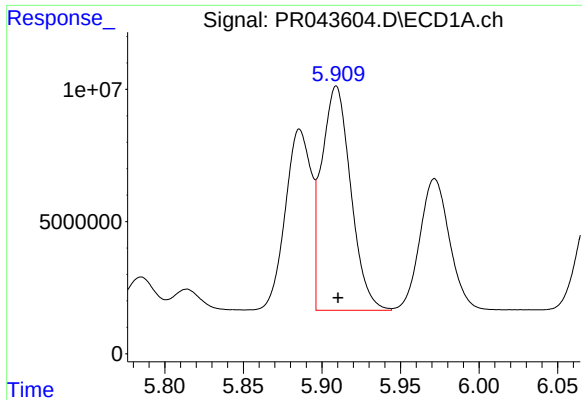
#12 AR-1232-2

R.T.: 5.618 min
Delta R.T.: -0.001 min
Response: 53857710
Conc: 984.15 ng/ml



#12 AR-1232-2

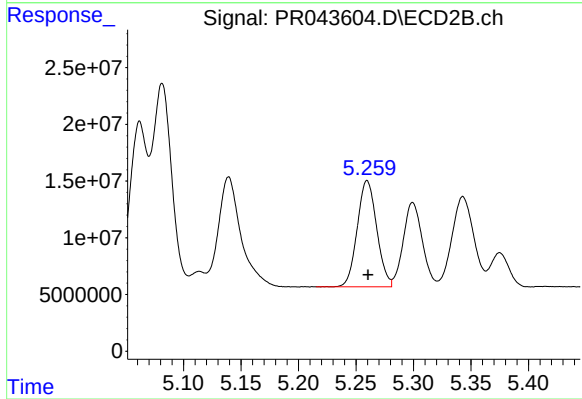
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 209520464
Conc: 896.53 ng/ml



#13 AR-1232-3

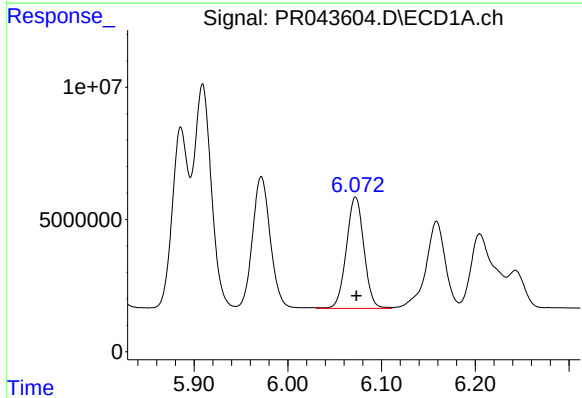
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 109362078
Conc: 968.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



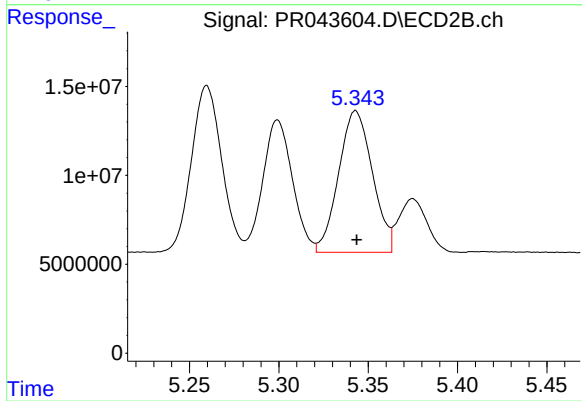
#13 AR-1232-3

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 110453366
Conc: 907.87 ng/ml



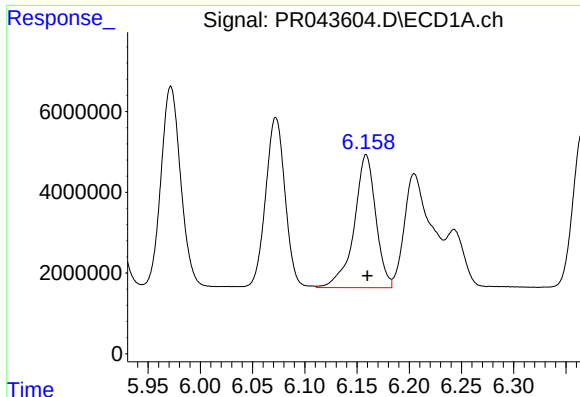
#14 AR-1232-4

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 54795546
Conc: 970.77 ng/ml



#14 AR-1232-4

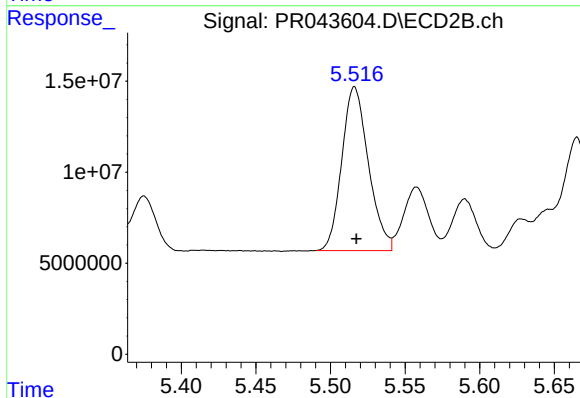
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 104839017
Conc: 983.70 ng/ml



#15 AR-1232-5

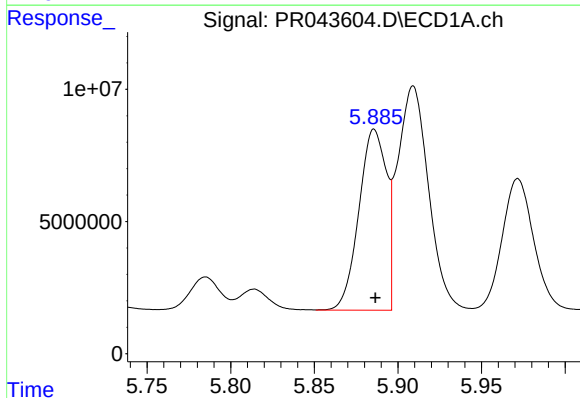
R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 47540391
Conc: 1102.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



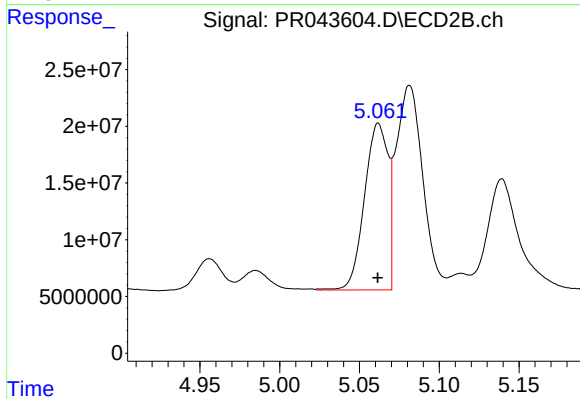
#15 AR-1232-5

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 111637813
Conc: 932.37 ng/ml



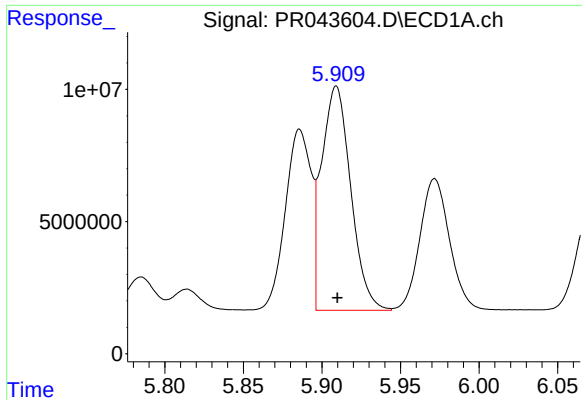
#16 AR-1242-1

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 78558377
Conc: 483.45 ng/ml



#16 AR-1242-1

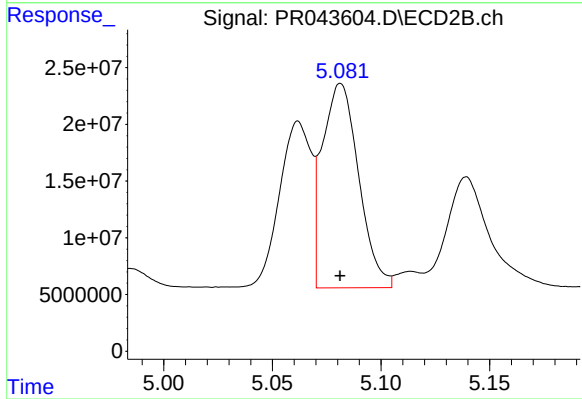
R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 150882768
Conc: 454.67 ng/ml



#17 AR-1242-2

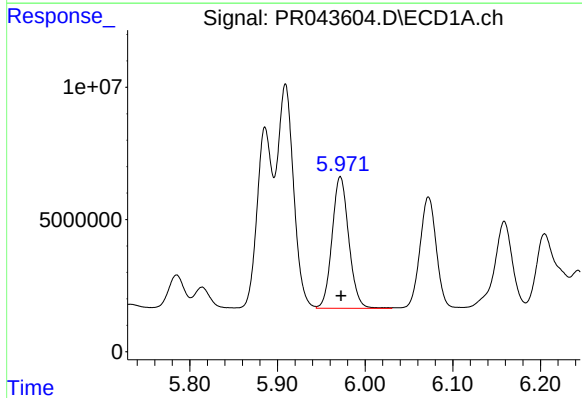
R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 109362078
Conc: 479.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



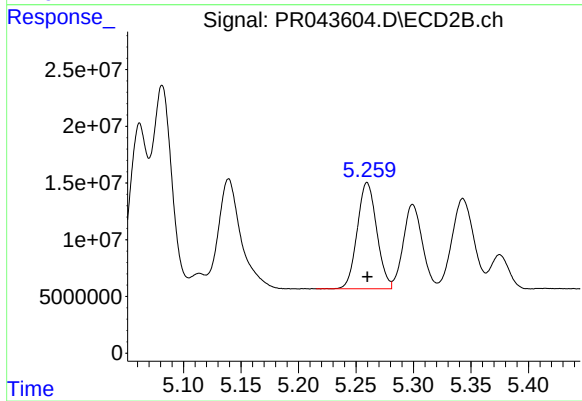
#17 AR-1242-2

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 209520464
Conc: 455.49 ng/ml



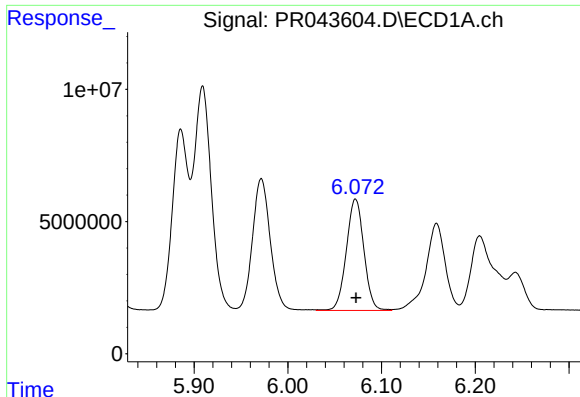
#18 AR-1242-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 65955888
Conc: 481.84 ng/ml



#18 AR-1242-3

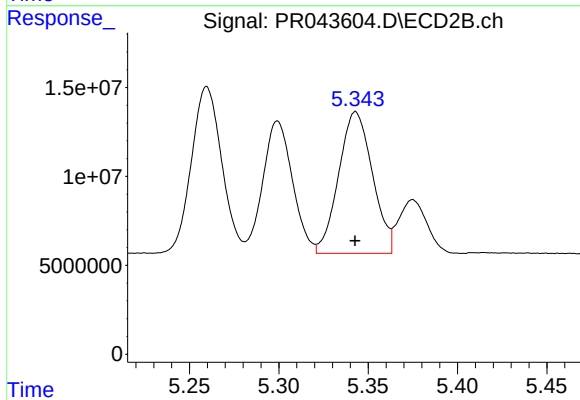
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 110453366
Conc: 452.66 ng/ml



#19 AR-1242-4

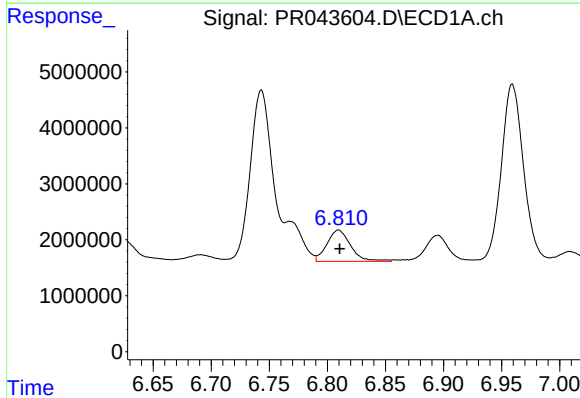
R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 54795546
Conc: 481.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



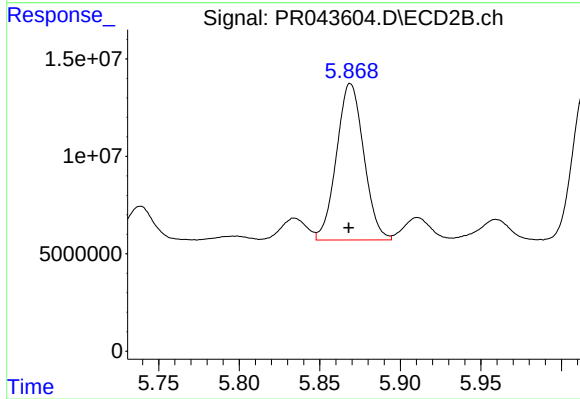
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 104839017
Conc: 443.88 ng/ml



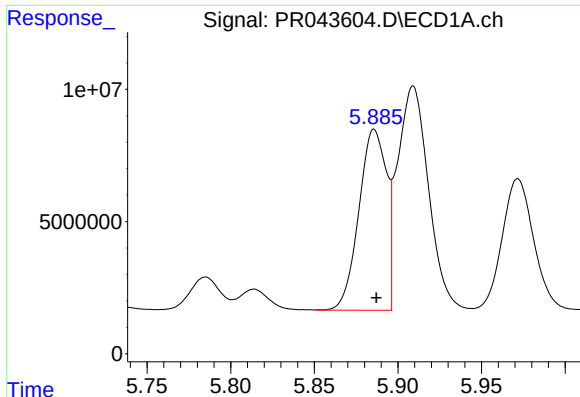
#20 AR-1242-5

R.T.: 6.810 min
Delta R.T.: -0.001 min
Response: 7970369
Conc: 63.04 ng/ml



#20 AR-1242-5

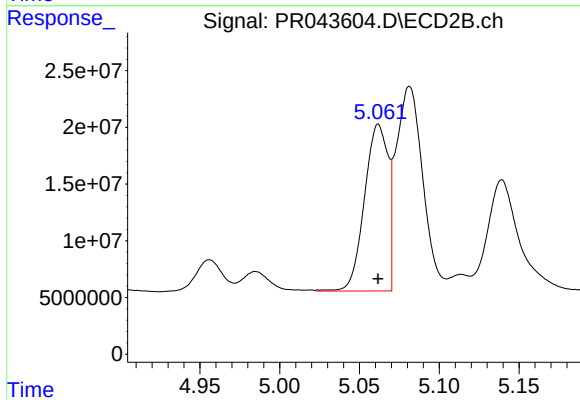
R.T.: 5.869 min
Delta R.T.: 0.001 min
Response: 94665884
Conc: 274.30 ng/ml



#21 AR-1248-1

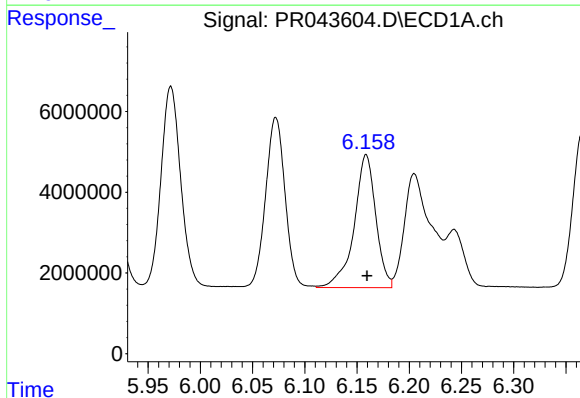
R.T.: 5.886 min
Delta R.T.: -0.001 min
Response: 78558377
Conc: 663.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



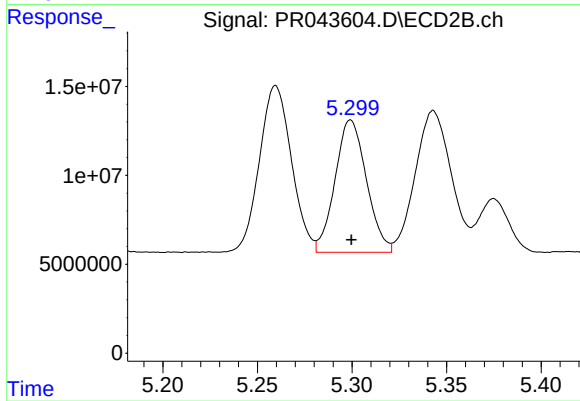
#21 AR-1248-1

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 150882768
Conc: 614.46 ng/ml



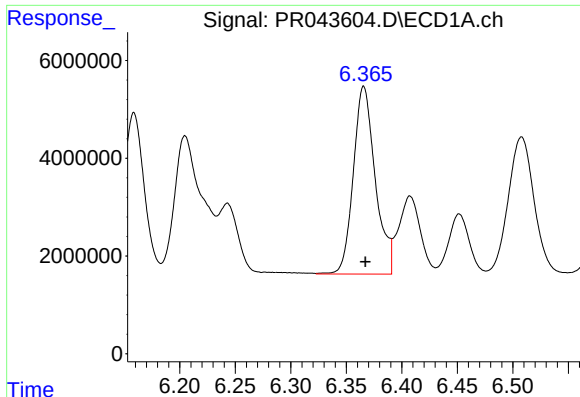
#22 AR-1248-2

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 47540391
Conc: 295.65 ng/ml



#22 AR-1248-2

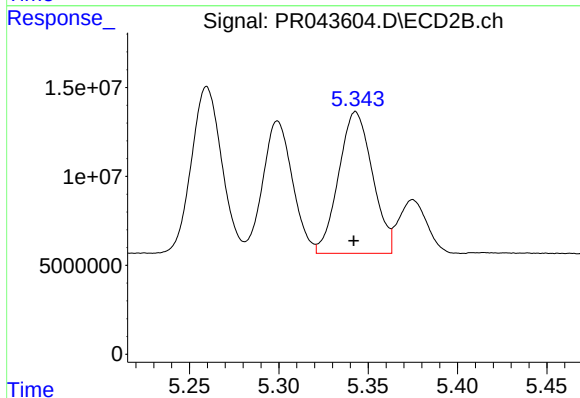
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 85956701
Conc: 264.91 ng/ml



#23 AR-1248-3

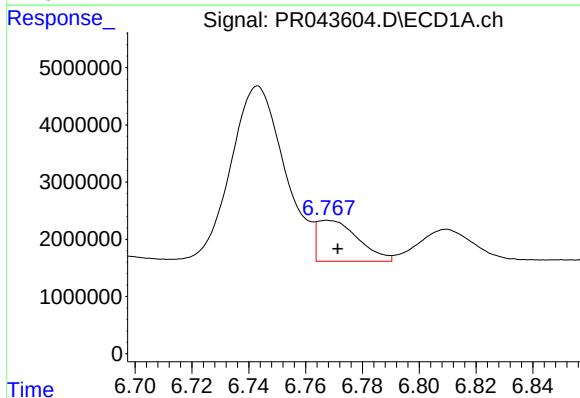
R.T.: 6.366 min
Delta R.T.: -0.001 min
Response: 52861485
Conc: 292.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



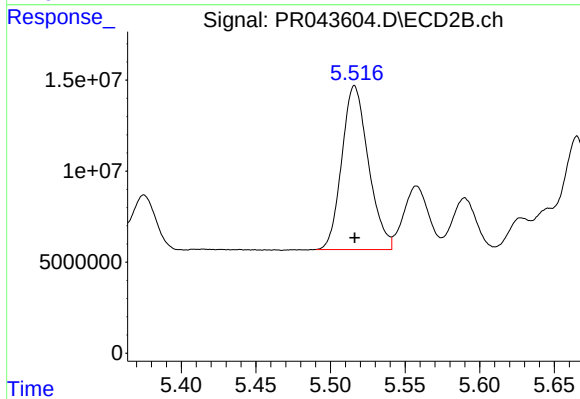
#23 AR-1248-3

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 104839017
Conc: 318.24 ng/ml



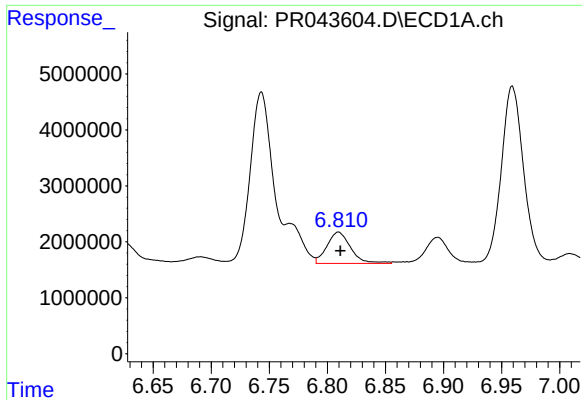
#24 AR-1248-4

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 7167876
Conc: 34.34 ng/ml



#24 AR-1248-4

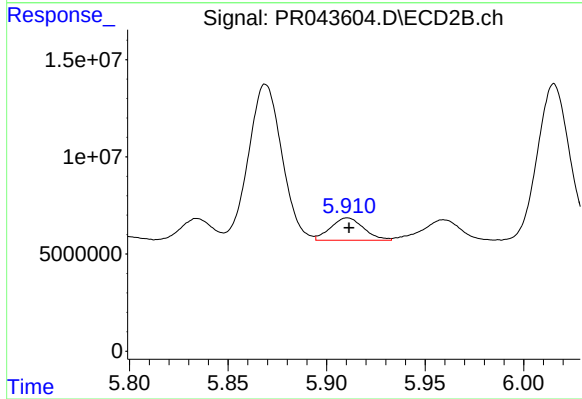
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 111637813
Conc: 270.94 ng/ml



#25 AR-1248-5

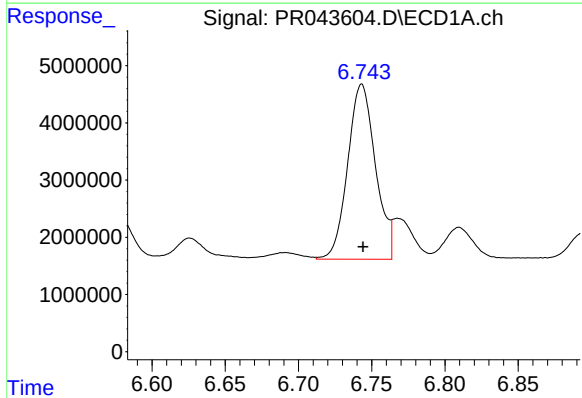
R.T.: 6.810 min
Delta R.T.: -0.001 min
Response: 7970369
Conc: 40.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



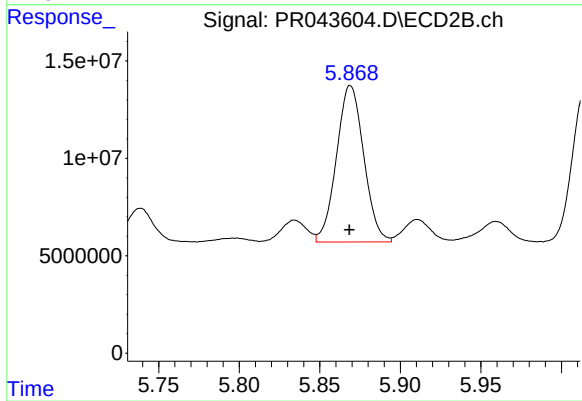
#25 AR-1248-5

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 13393664
Conc: 30.15 ng/ml



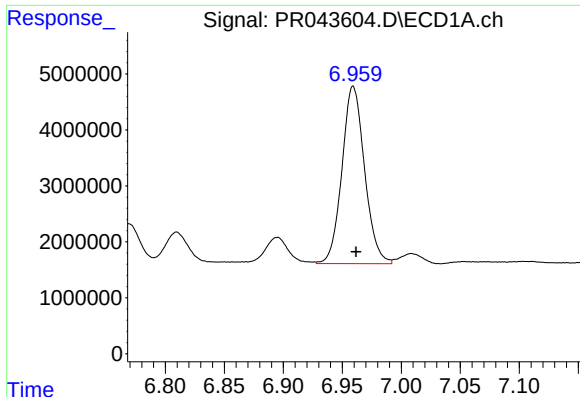
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 40366167
Conc: 184.99 ng/ml



#26 AR-1254-1

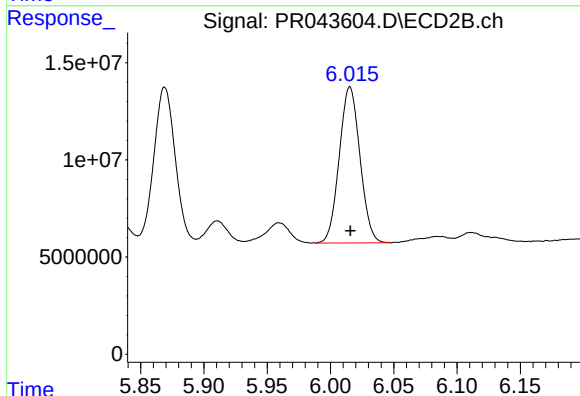
R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 94665884
Conc: 132.87 ng/ml



#27 AR-1254-2

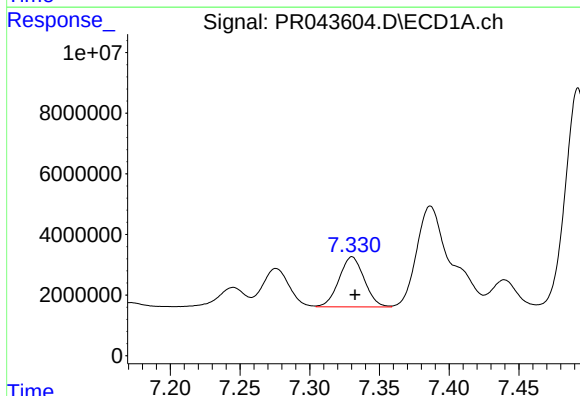
R.T.: 6.959 min
Delta R.T.: -0.002 min
Response: 42331949
Conc: 125.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



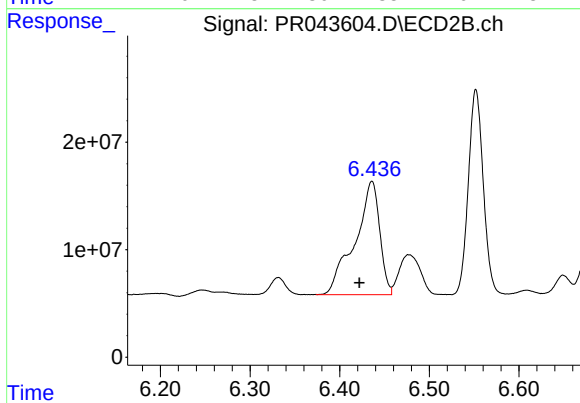
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 91569167
Conc: 143.16 ng/ml



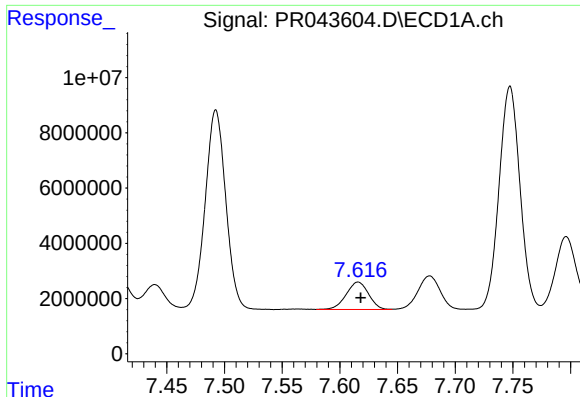
#28 AR-1254-3

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 20775271
Conc: 59.40 ng/ml



#28 AR-1254-3

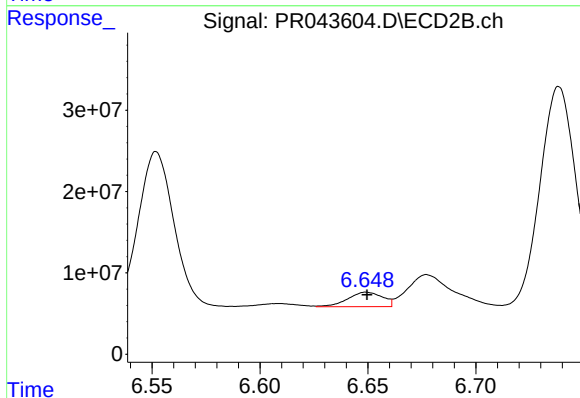
R.T.: 6.436 min
Delta R.T.: 0.014 min
Response: 202915702
Conc: 200.45 ng/ml



#29 AR-1254-4

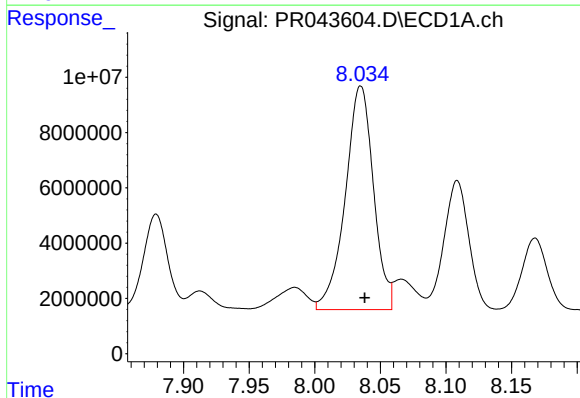
R.T.: 7.616 min
Delta R.T.: -0.002 min
Response: 13380519
Conc: 53.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



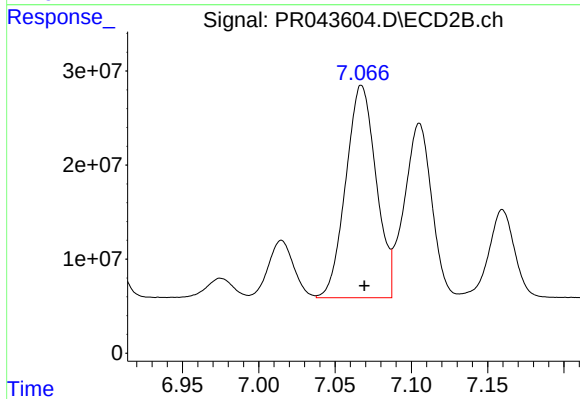
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 19926247
Conc: 27.67 ng/ml



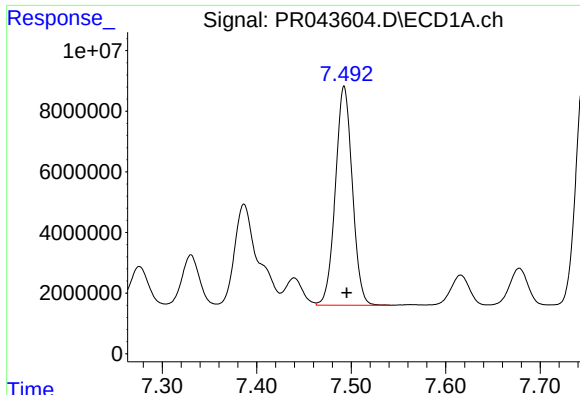
#30 AR-1254-5

R.T.: 8.035 min
Delta R.T.: -0.003 min
Response: 121088142
Conc: 470.16 ng/ml



#30 AR-1254-5

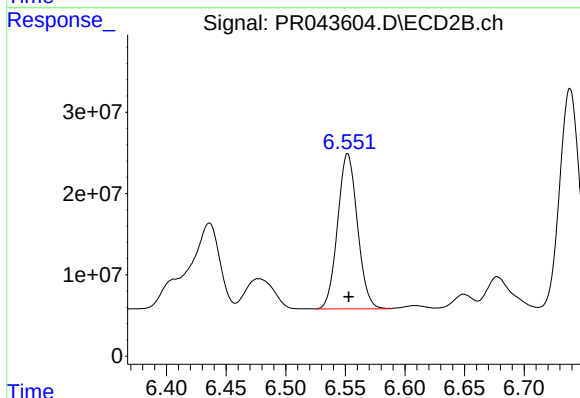
R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 312638211
Conc: 367.00 ng/ml



#31 AR-1260-1

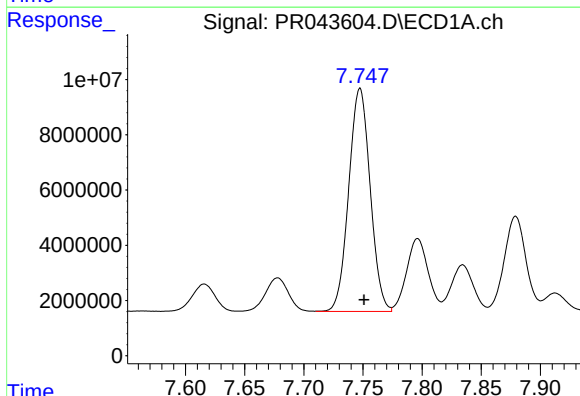
R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 89958157
Conc: 359.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



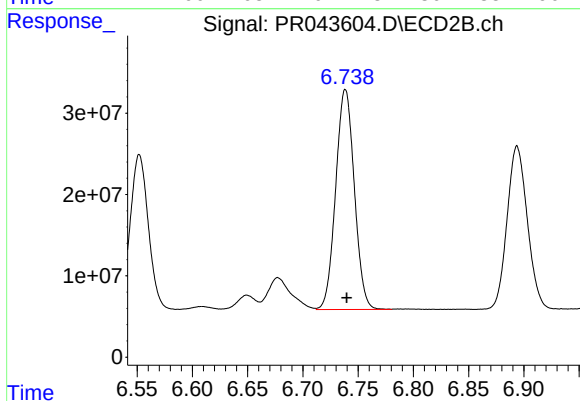
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 220890427
Conc: 328.93 ng/ml



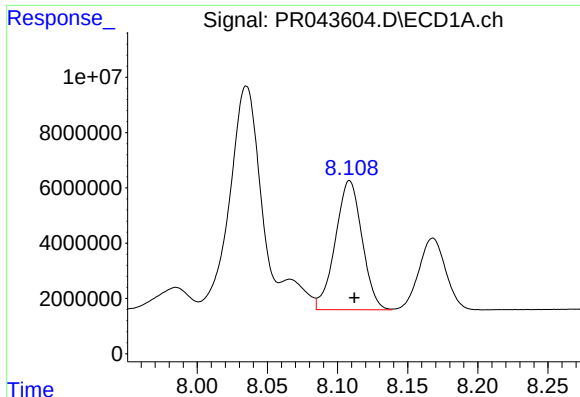
#32 AR-1260-2

R.T.: 7.748 min
Delta R.T.: -0.003 min
Response: 102034141
Conc: 344.60 ng/ml



#32 AR-1260-2

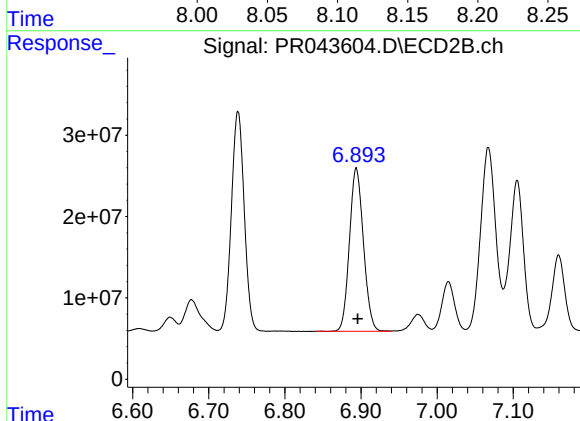
R.T.: 6.739 min
Delta R.T.: -0.001 min
Response: 317924595
Conc: 328.21 ng/ml



#33 AR-1260-3

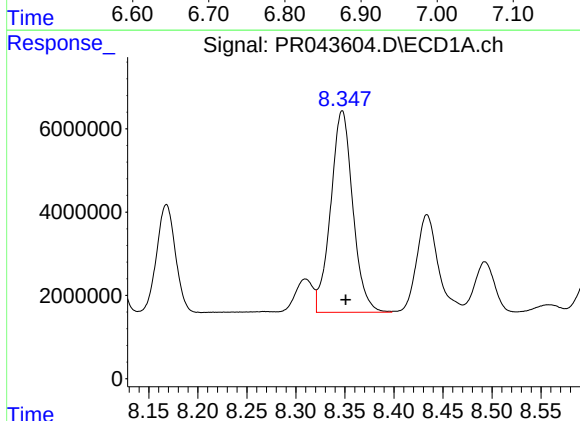
R.T.: 8.109 min
Delta R.T.: -0.004 min
Response: 61865330
Conc: 280.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



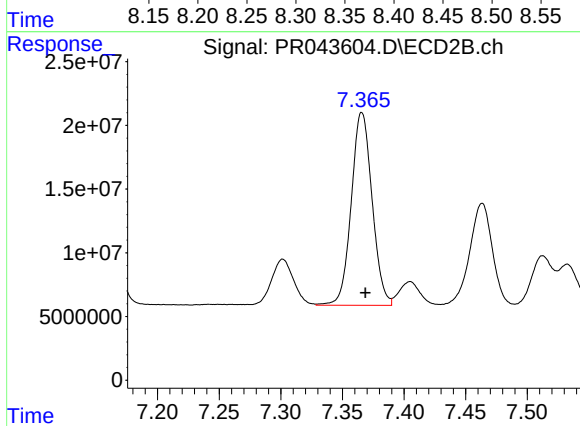
#33 AR-1260-3

R.T.: 6.894 min
Delta R.T.: -0.002 min
Response: 255821549
Conc: 328.16 ng/ml



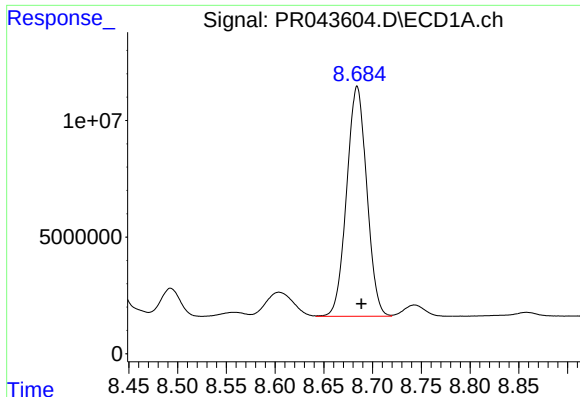
#34 AR-1260-4

R.T.: 8.347 min
Delta R.T.: -0.004 min
Response: 76131600
Conc: 305.40 ng/ml



#34 AR-1260-4

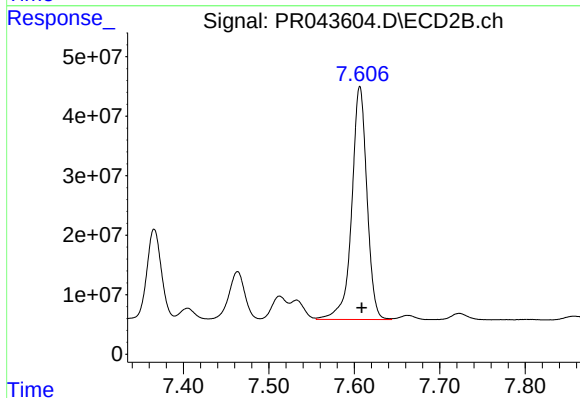
R.T.: 7.366 min
Delta R.T.: -0.003 min
Response: 178185549
Conc: 282.35 ng/ml



#35 AR-1260-5

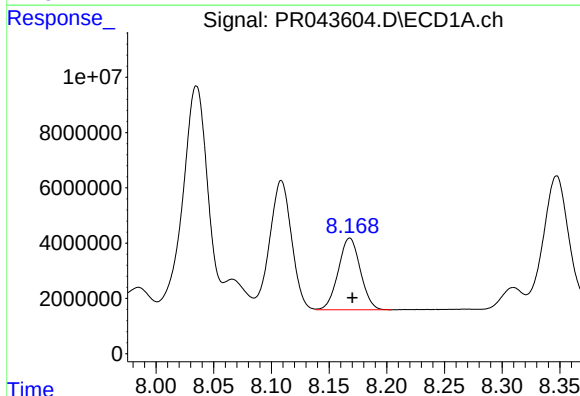
R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 141856691
Conc: 294.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



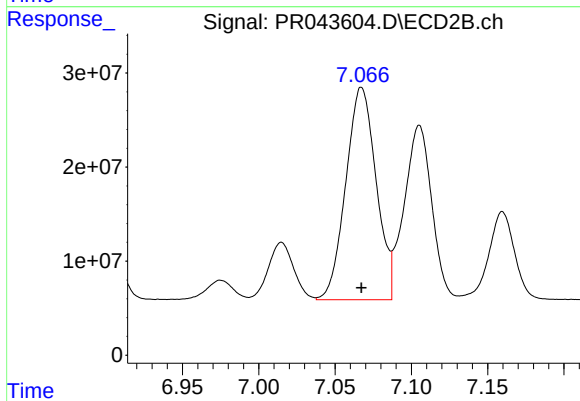
#35 AR-1260-5

R.T.: 7.607 min
Delta R.T.: -0.002 min
Response: 484906446
Conc: 286.01 ng/ml



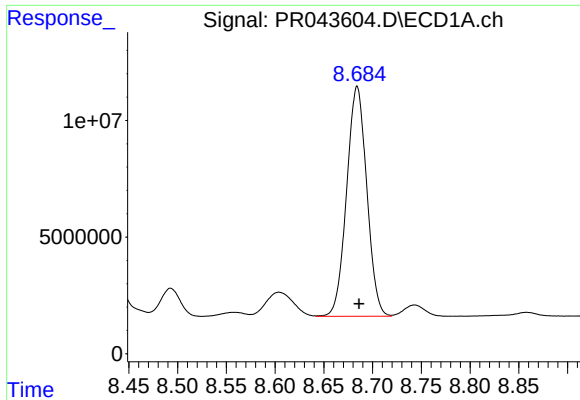
#36 AR-1262-1

R.T.: 8.168 min
Delta R.T.: -0.002 min
Response: 34445057
Conc: 260.84 ng/ml



#36 AR-1262-1

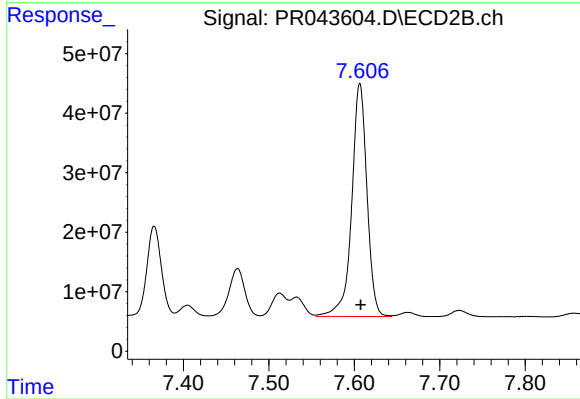
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 312638211
Conc: 632.25 ng/ml



#37 AR-1262-2

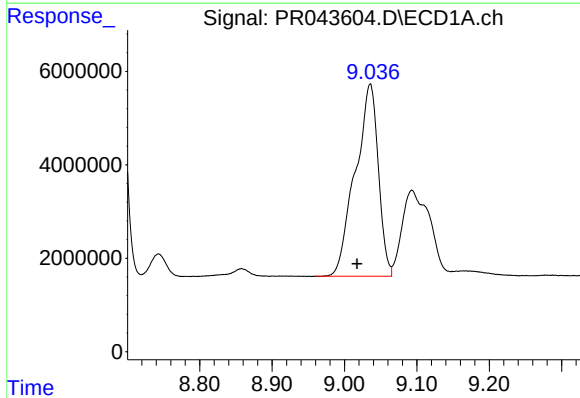
R.T.: 8.684 min
Delta R.T.: -0.002 min
Response: 141856691
Conc: 249.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



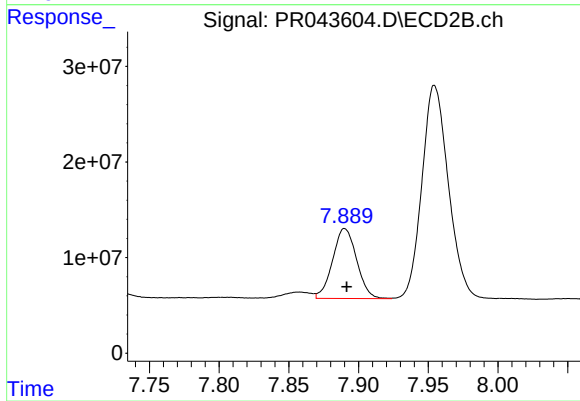
#37 AR-1262-2

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 484906446
Conc: 254.87 ng/ml



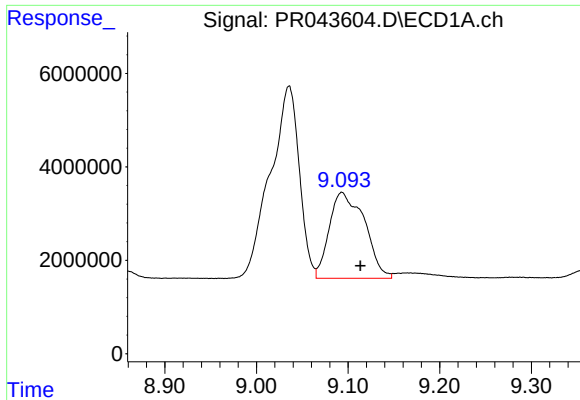
#38 AR-1262-3

R.T.: 9.036 min
Delta R.T.: 0.018 min
Response: 90858717
Conc: 250.94 ng/ml



#38 AR-1262-3

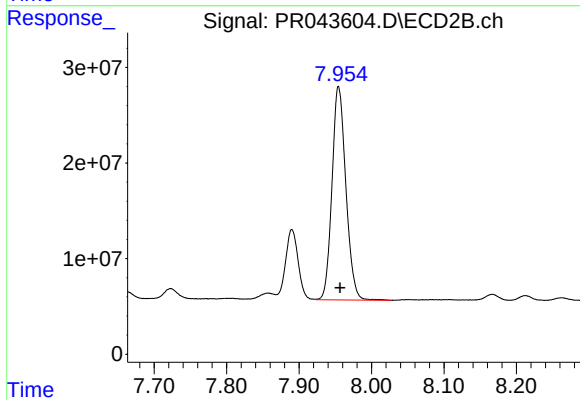
R.T.: 7.890 min
Delta R.T.: -0.001 min
Response: 87796280
Conc: 115.11 ng/ml



#39 AR-1262-4

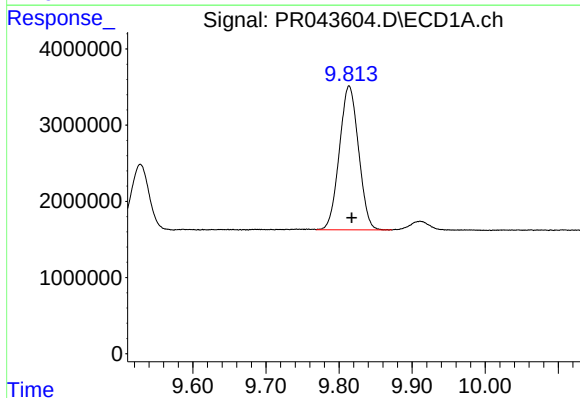
R.T.: 9.093 min
Delta R.T.: -0.020 min
Response: 49159364
Conc: 184.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



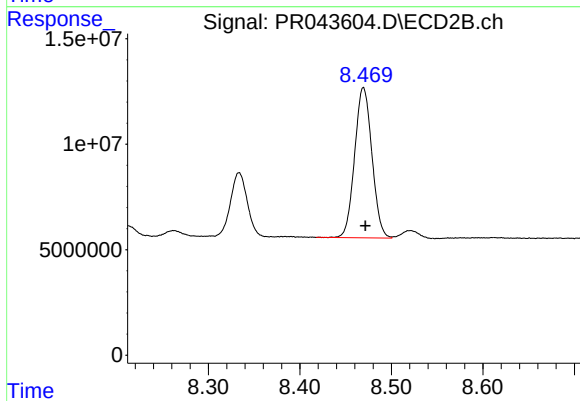
#39 AR-1262-4

R.T.: 7.955 min
Delta R.T.: -0.002 min
Response: 297035774
Conc: 239.29 ng/ml



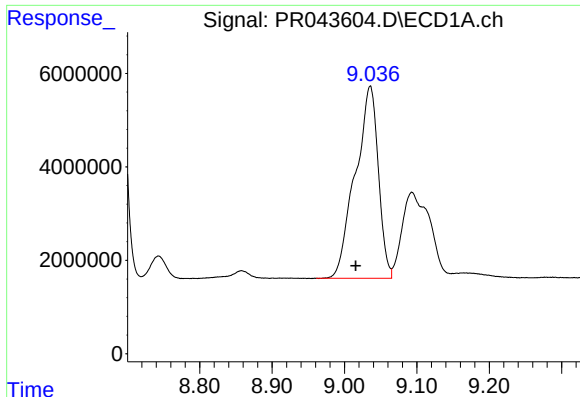
#40 AR-1262-5

R.T.: 9.814 min
Delta R.T.: -0.003 min
Response: 34413337
Conc: 182.94 ng/ml



#40 AR-1262-5

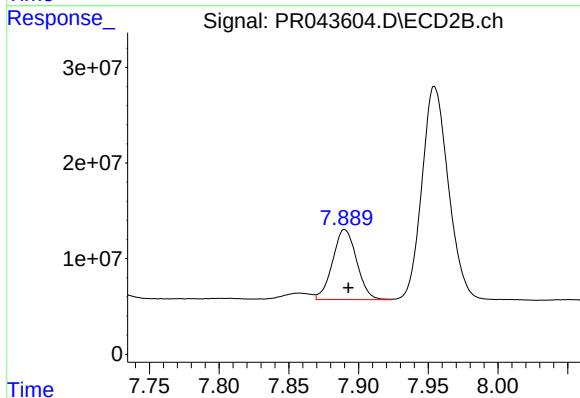
R.T.: 8.469 min
Delta R.T.: -0.002 min
Response: 93528629
Conc: 164.10 ng/ml



#41 AR-1268-1

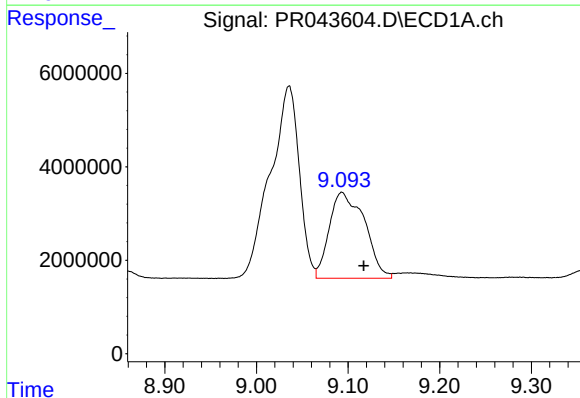
R.T.: 9.036 min
Delta R.T.: 0.020 min
Response: 90858717
Conc: 141.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



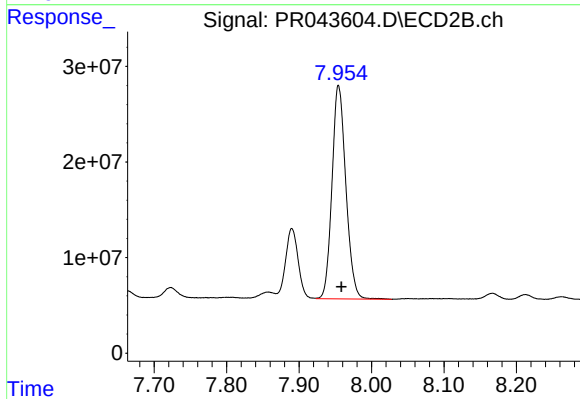
#41 AR-1268-1

R.T.: 7.890 min
Delta R.T.: -0.003 min
Response: 87796280
Conc: 40.87 ng/ml



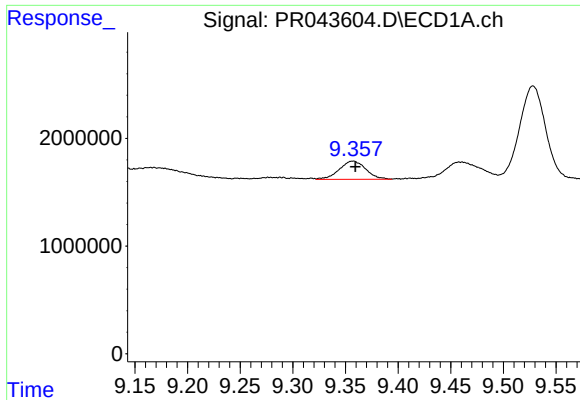
#42 AR-1268-2

R.T.: 9.093 min
Delta R.T.: -0.024 min
Response: 49159364
Conc: 85.30 ng/ml



#42 AR-1268-2

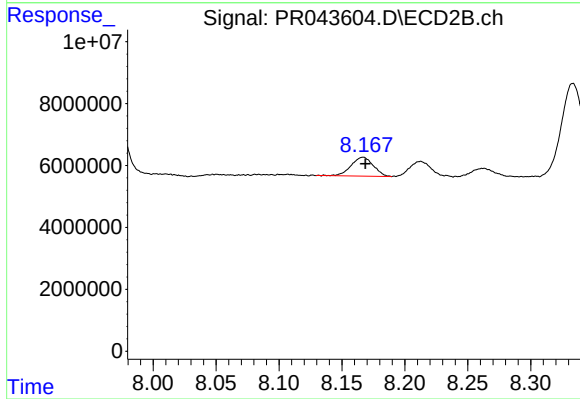
R.T.: 7.955 min
Delta R.T.: -0.004 min
Response: 297035774
Conc: 163.64 ng/ml



#43 AR-1268-3

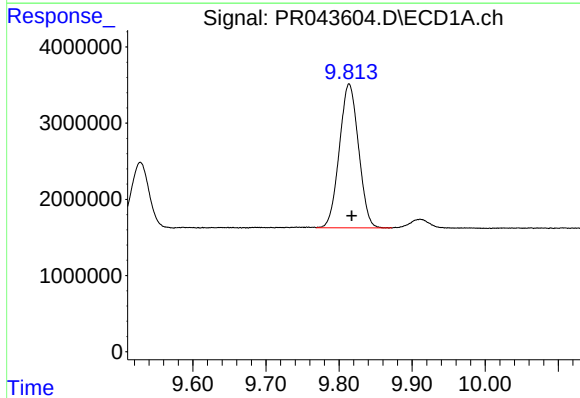
R.T.: 9.357 min
Delta R.T.: -0.002 min
Response: 2974615
Conc: 6.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



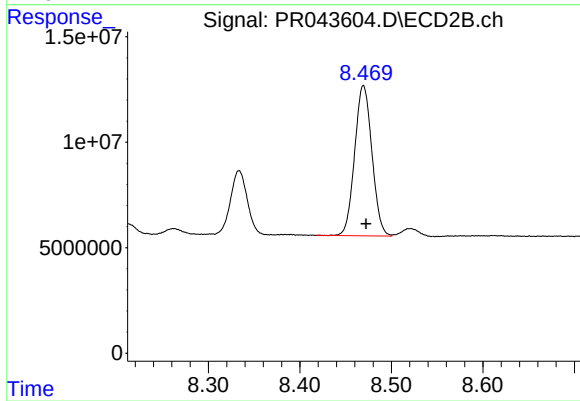
#43 AR-1268-3

R.T.: 8.167 min
Delta R.T.: -0.002 min
Response: 7480533
Conc: 4.86 ng/ml



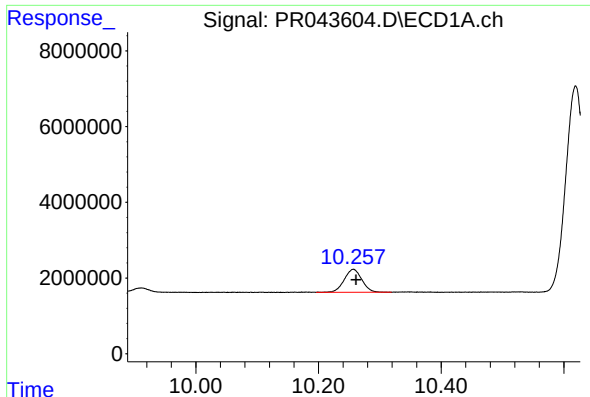
#44 AR-1268-4

R.T.: 9.814 min
Delta R.T.: -0.004 min
Response: 34413337
Conc: 167.87 ng/ml



#44 AR-1268-4

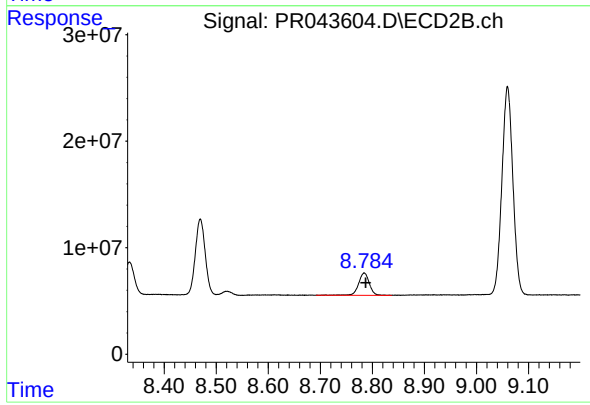
R.T.: 8.469 min
Delta R.T.: -0.003 min
Response: 93528629
Conc: 152.52 ng/ml



#45 AR-1268-5

R.T.: 10.257 min
Delta R.T.: -0.004 min
Response: 12130801
Conc: 7.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
P001-CF49-0612-01MS



#45 AR-1268-5

R.T.: 8.784 min
Delta R.T.: -0.003 min
Response: 29909343
Conc: 7.07 ng/ml