

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100419\
 Data File : PR041810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2019 09:42
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660363

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:12:13 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...	4.719	3.983	84693706	324.7E6	20.820	21.238
2)	SA Decachlor...	10.638	9.099	107.4E6	368.1E6	31.262	37.130
Target Compounds							
3)	L1 AR-1016-1	5.896	5.082	55985697	216.3E6	389.956	397.975
4)	L1 AR-1016-2	5.919	5.102	77686153	291.0E6	379.890	403.126
5)	L1 AR-1016-3	5.982	5.281	46637424	145.7E6	383.615	399.598
6)	L1 AR-1016-4	6.082	5.320	38886463	109.1E6	382.361	393.174
7)	L1 AR-1016-5	6.377	5.537	39439725	118.9E6	396.097	384.447
8)	L2 AR-1221-1	4.923	4.195	5548520	20628238	135.147	122.105
9)	L2 AR-1221-2	5.016	4.284	7134956	28907428	245.919	235.216
10)	L2 AR-1221-3	5.094	4.362	27594571	111.3E6	283.624	285.832
11)	L3 AR-1232-1	5.094	4.362	27594571	111.3E6	329.770	326.743
12)	L3 AR-1232-2	5.628	5.102	37247898	291.0E6	864.646	854.460
13)	L3 AR-1232-3	5.919	5.281	77686153	145.7E6	863.993	865.208
14)	L3 AR-1232-4	6.082	5.364	38886463	129.5E6	873.781	909.075
15)	L3 AR-1232-5	6.169	5.537	34634708	118.9E6	1054.277	882.191
16)	L4 AR-1242-1	5.896	5.082	55985697	216.3E6	507.689	509.390
17)	L4 AR-1242-2	5.919	5.102	77686153	291.0E6	500.392	511.266
18)	L4 AR-1242-3	5.982	5.281	46637424	145.7E6	497.047	504.881
19)	L4 AR-1242-4	6.082	5.364	38886463	129.5E6	500.549	497.416
20)	L4 AR-1242-5	6.821	5.891	5970579	74573530	68.213	281.098 #
21)	L5 AR-1248-1	5.896	5.082	55985697	216.3E6	672.805	663.734
22)	L5 AR-1248-2	6.169	5.320	34634708	109.1E6	301.816	292.935
23)	L5 AR-1248-3	6.377	5.364	39439725	129.5E6	304.185	345.929
24)	L5 AR-1248-4	6.780	5.537	6395540	118.9E6	41.679	298.476 #
25)	L5 AR-1248-5	6.821	5.933	5970579	14431981	41.236	41.321
26)	L6 AR-1254-1	6.754	5.891	26411584	74573530	161.725	140.775
27)	L6 AR-1254-2	6.970	6.038	27819324	74424673	112.130	148.447 #
28)	L6 AR-1254-3	7.341	6.460	16349111	195.4E6	60.583	207.130 #
29)	L6 AR-1254-4	7.626	6.673	11612174	25121034	57.215	37.943 #
30)	L6 AR-1254-5	8.044	7.092	89536160	290.7E6	421.042	338.524
31)	L7 AR-1260-1	7.503	6.576	65440991	214.3E6	345.397	361.478
32)	L7 AR-1260-2	7.758	6.762	76744892	283.5E6	324.693	347.746
33)	L7 AR-1260-3	8.119	6.919	57500954	245.3E6	306.299	354.776
34)	L7 AR-1260-4	8.358	7.393	66480526	201.6E6	330.804	347.465
35)	L7 AR-1260-5	8.696	7.632	131.5E6	556.3E6	303.688	342.143
36)	L8 AR-1262-1	8.180	7.092	29982062	290.7E6	318.515	667.012 #
37)	L8 AR-1262-2	8.696	7.632	131.5E6	556.3E6	304.778	323.133
38)	L8 AR-1262-3	9.049	7.919	81205596	118.4E6	291.327	181.446 #
39)	L8 AR-1262-4	9.107	7.982	48990982	363.2E6	239.133	310.770 #
40)	L8 AR-1262-5	9.829	8.499	36280276	134.5E6	251.511	251.360
41)	L9 AR-1268-1	9.049	7.919	81205596	118.4E6	147.849	54.015 #

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 Acq On : 04 Oct 2019 09:42
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 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

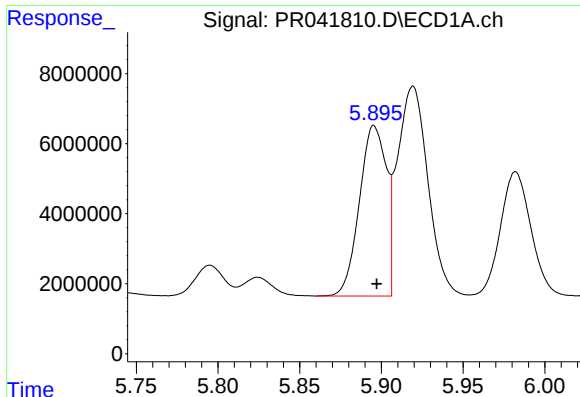
Instrument :
 ECD_R
 ClientSampleId :
 AR1660363

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:12:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
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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	9.107	7.982	48990982	363.2E6	98.539	182.505 #
43) L9	AR-1268-3	9.371	8.198	2220071	8266770	5.443	4.933
44) L9	AR-1268-4	9.829	8.499	36280276	134.5E6	206.786	208.343
45) L9	AR-1268-5	10.274	8.817	9977643	33785888	7.657	7.362

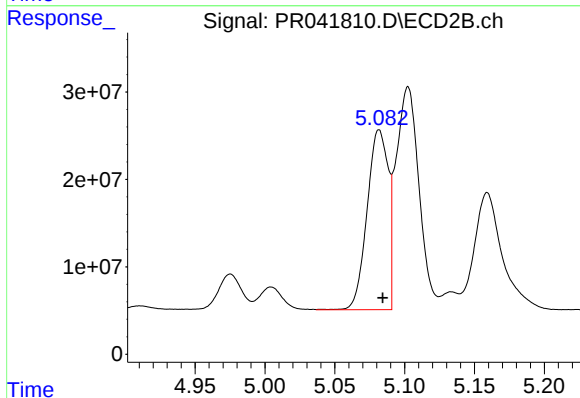
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

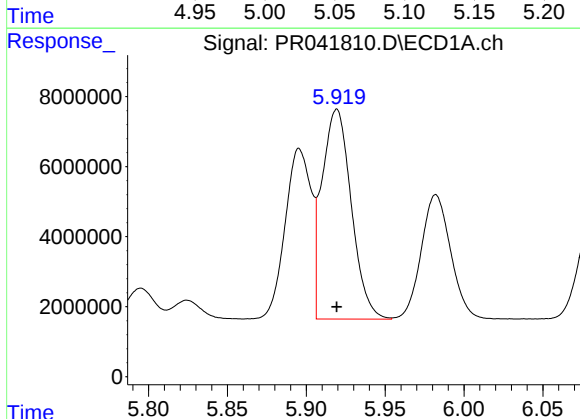
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 55985697
Conc: 389.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



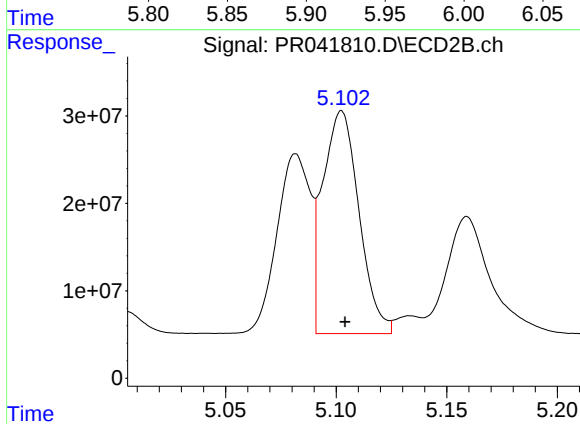
#3 AR-1016-1

R.T.: 5.082 min
Delta R.T.: -0.003 min
Response: 216337391
Conc: 397.97 ng/ml



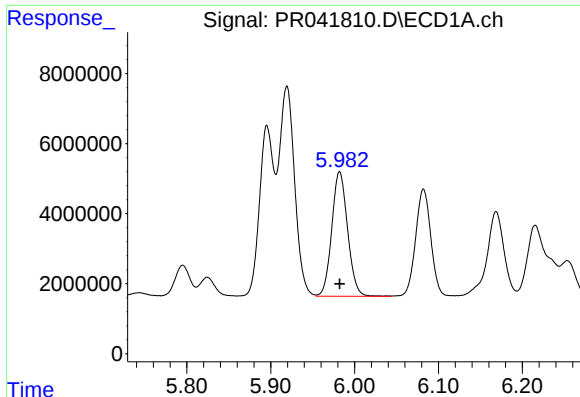
#4 AR-1016-2

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 77686153
Conc: 379.89 ng/ml



#4 AR-1016-2

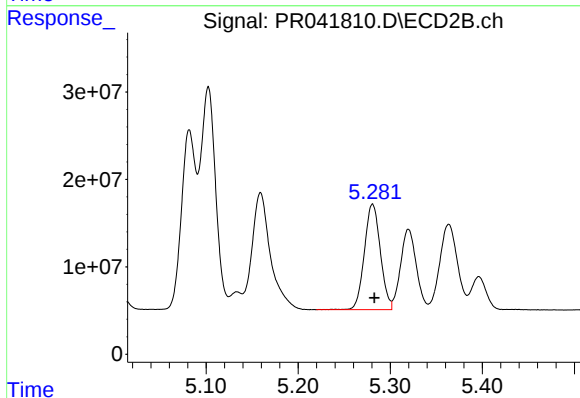
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 290965799
Conc: 403.13 ng/ml



#5 AR-1016-3

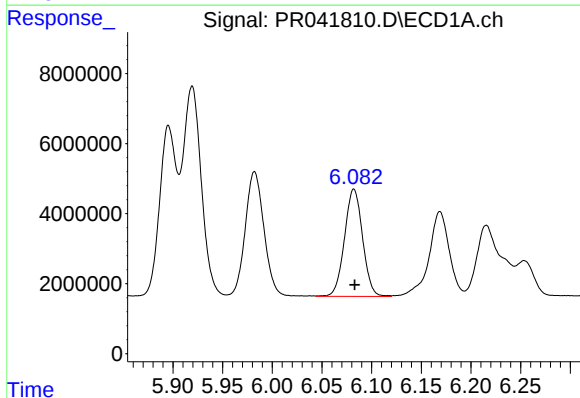
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 46637424
Conc: 383.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



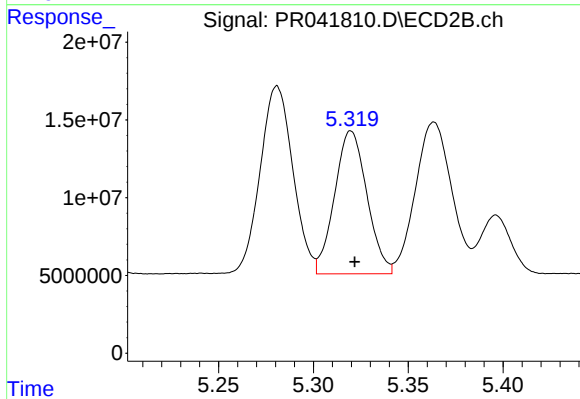
#5 AR-1016-3

R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 145712131
Conc: 399.60 ng/ml



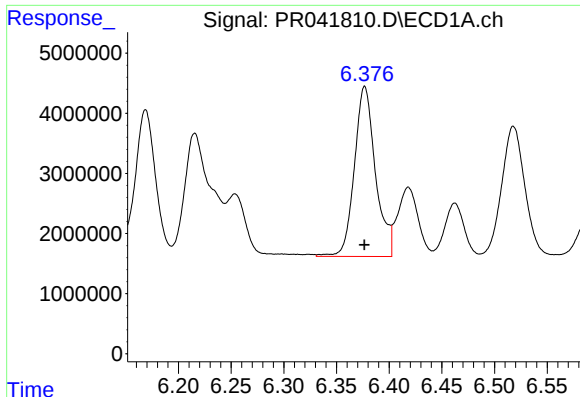
#6 AR-1016-4

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 38886463
Conc: 382.36 ng/ml



#6 AR-1016-4

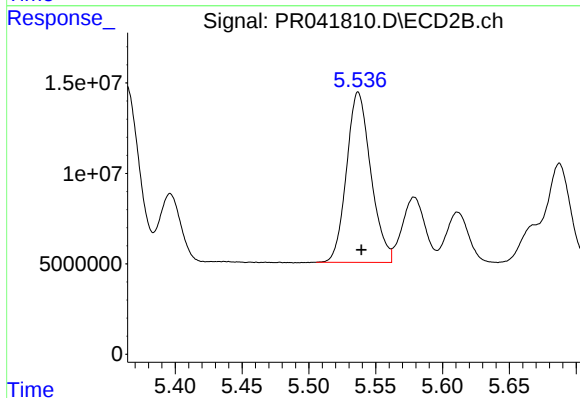
R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 109109633
Conc: 393.17 ng/ml



#7 AR-1016-5

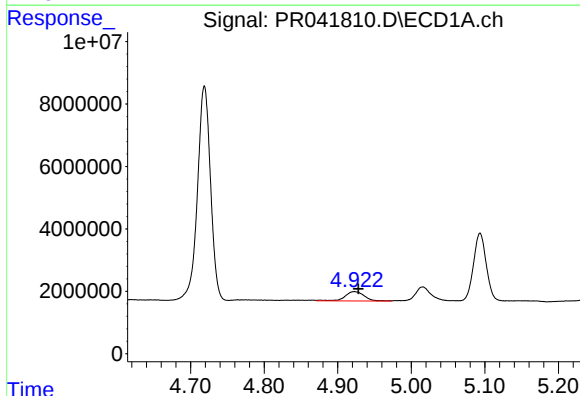
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 39439725
Conc: 396.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



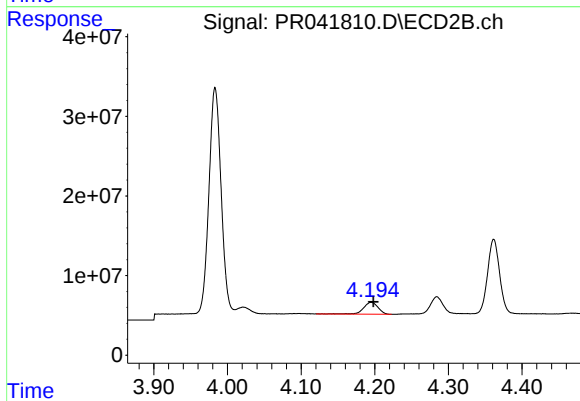
#7 AR-1016-5

R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 118875977
Conc: 384.45 ng/ml



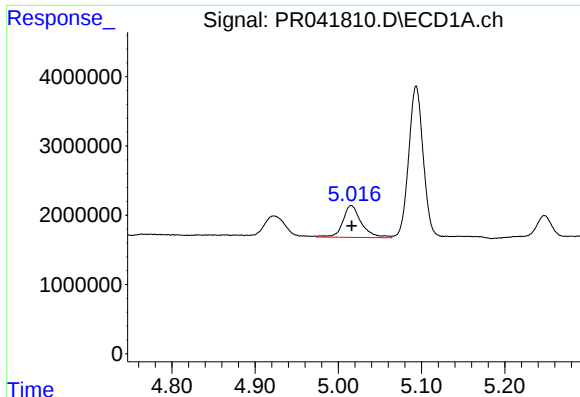
#8 AR-1221-1

R.T.: 4.923 min
Delta R.T.: -0.006 min
Response: 5548520
Conc: 135.15 ng/ml



#8 AR-1221-1

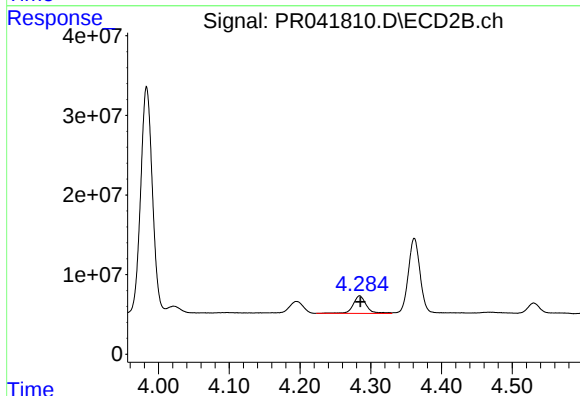
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 20628238
Conc: 122.10 ng/ml



#9 AR-1221-2

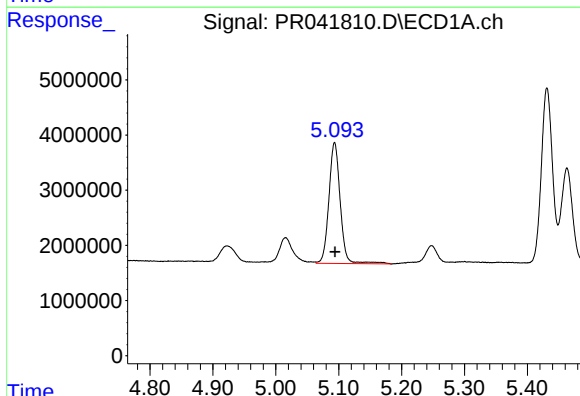
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 7134956
Conc: 245.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



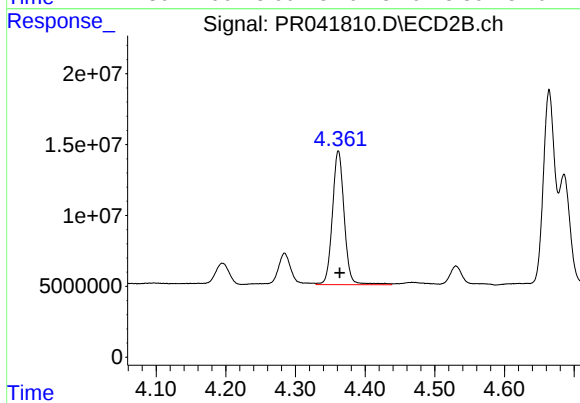
#9 AR-1221-2

R.T.: 4.284 min
Delta R.T.: -0.001 min
Response: 28907428
Conc: 235.22 ng/ml



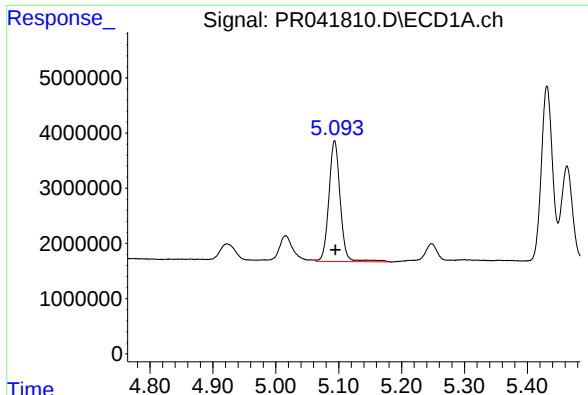
#10 AR-1221-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 27594571
Conc: 283.62 ng/ml



#10 AR-1221-3

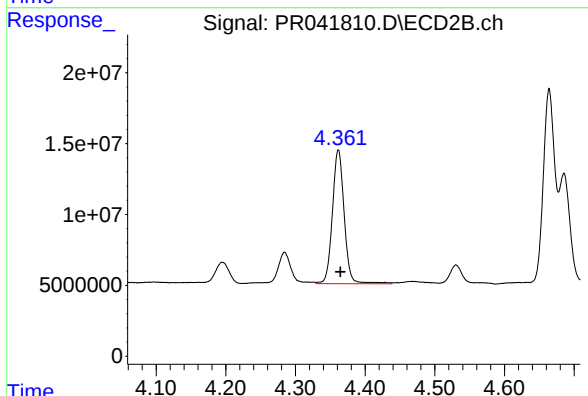
R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 111330996
Conc: 285.83 ng/ml



#11 AR-1232-1

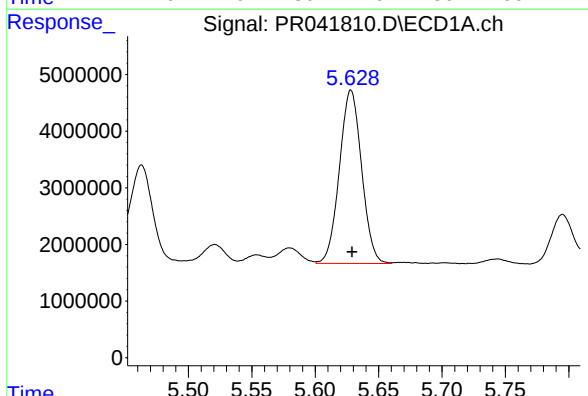
R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 27594571
Conc: 329.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



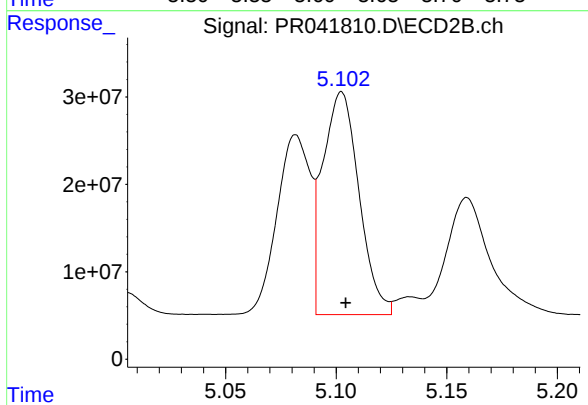
#11 AR-1232-1

R.T.: 4.362 min
Delta R.T.: -0.003 min
Response: 111330996
Conc: 326.74 ng/ml



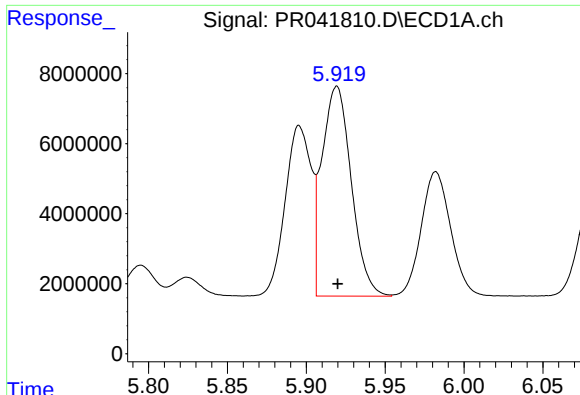
#12 AR-1232-2

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 37247898
Conc: 864.65 ng/ml



#12 AR-1232-2

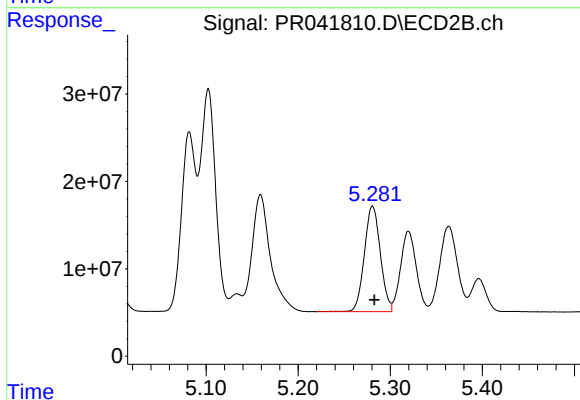
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 290965799
Conc: 854.46 ng/ml



#13 AR-1232-3

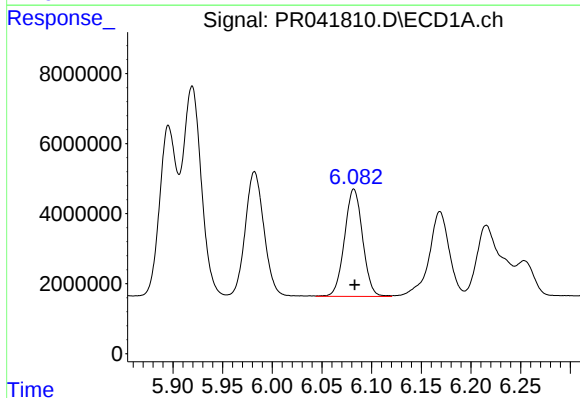
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 77686153
Conc: 863.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



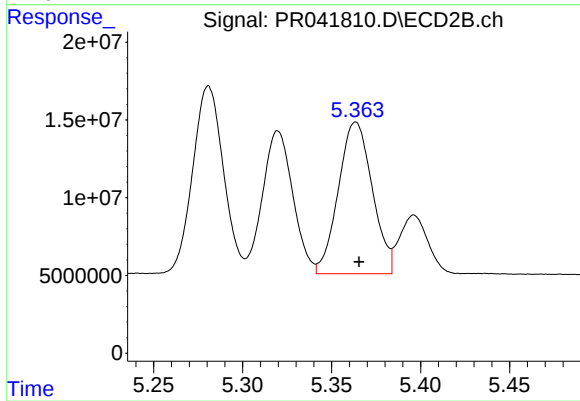
#13 AR-1232-3

R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 145712131
Conc: 865.21 ng/ml



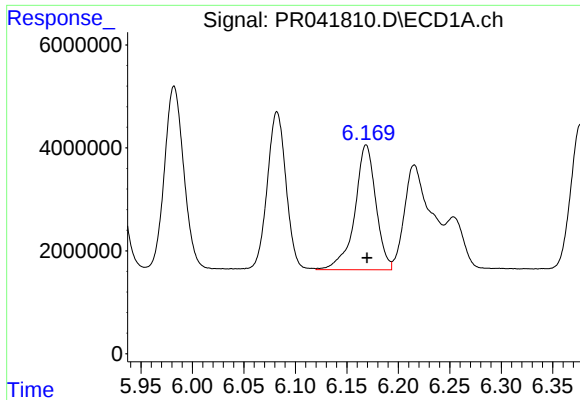
#14 AR-1232-4

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 38886463
Conc: 873.78 ng/ml



#14 AR-1232-4

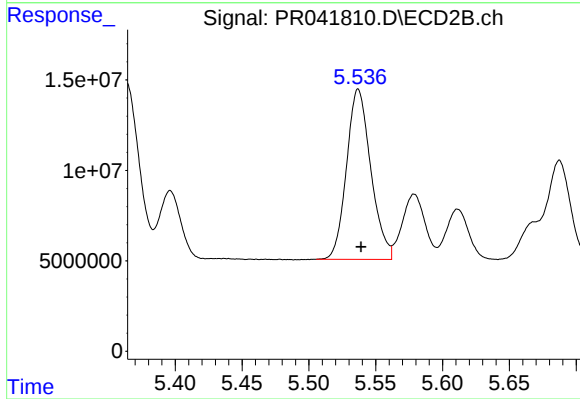
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 129487676
Conc: 909.07 ng/ml



#15 AR-1232-5

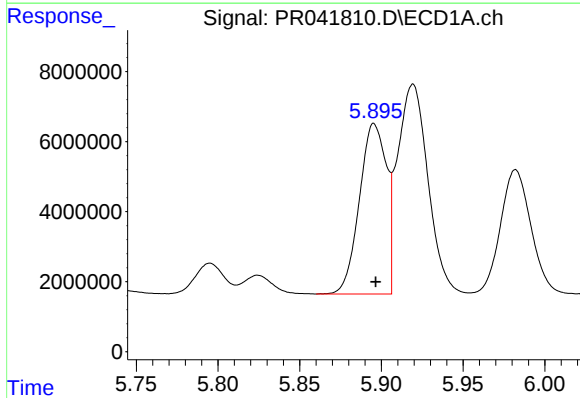
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 34634708
Conc: 1054.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



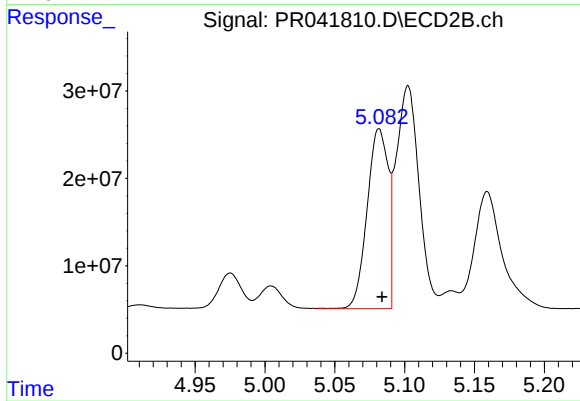
#15 AR-1232-5

R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 118875977
Conc: 882.19 ng/ml



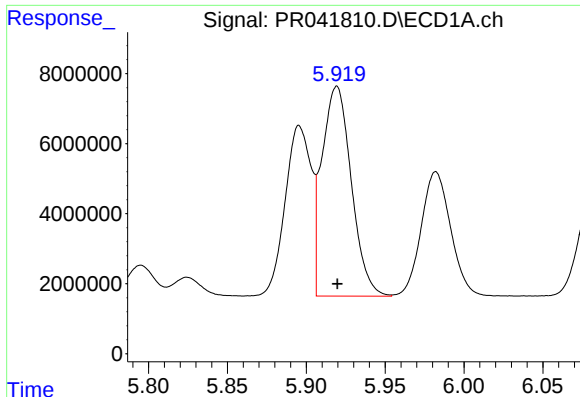
#16 AR-1242-1

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 55985697
Conc: 507.69 ng/ml



#16 AR-1242-1

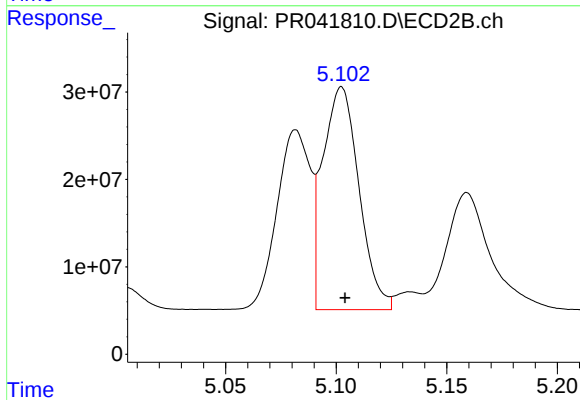
R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 216337391
Conc: 509.39 ng/ml



#17 AR-1242-2

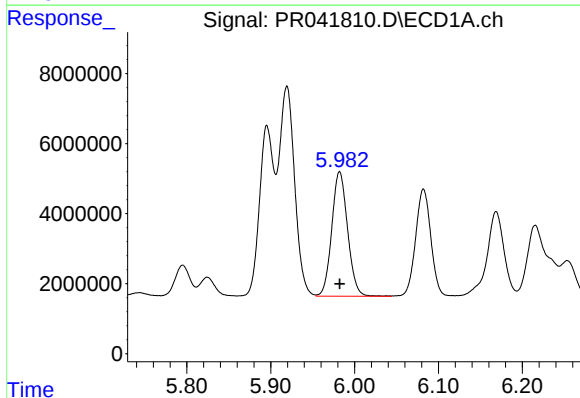
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 77686153
Conc: 500.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



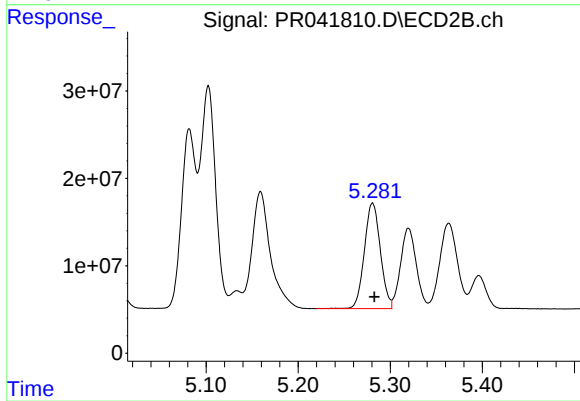
#17 AR-1242-2

R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 290965799
Conc: 511.27 ng/ml



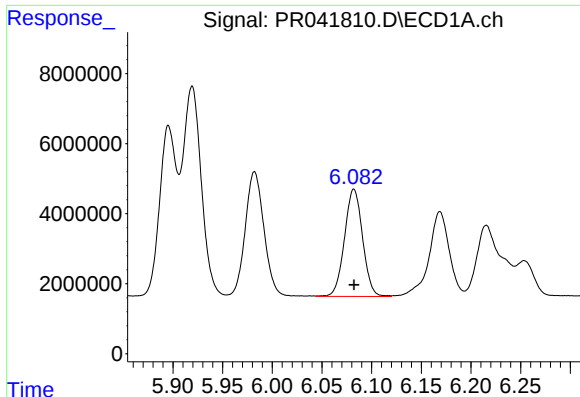
#18 AR-1242-3

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 46637424
Conc: 497.05 ng/ml



#18 AR-1242-3

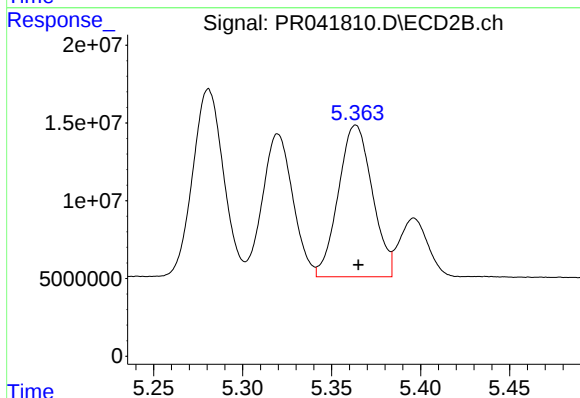
R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 145712131
Conc: 504.88 ng/ml



#19 AR-1242-4

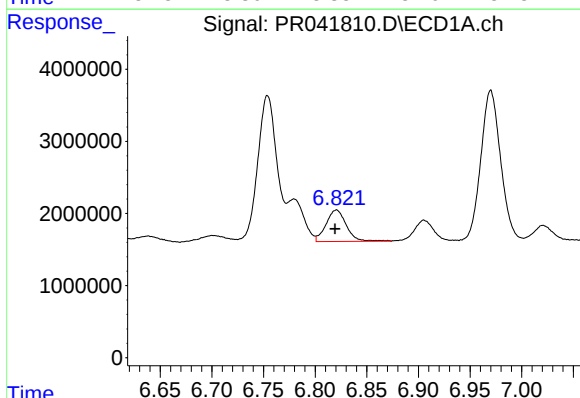
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 38886463
Conc: 500.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



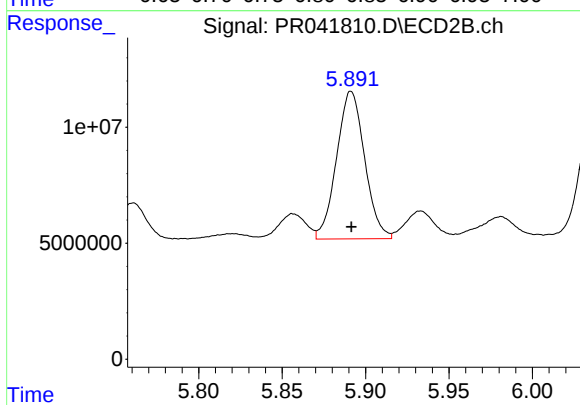
#19 AR-1242-4

R.T.: 5.364 min
Delta R.T.: -0.001 min
Response: 129487676
Conc: 497.42 ng/ml



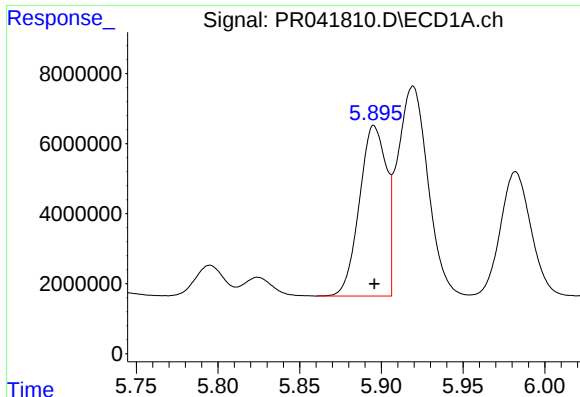
#20 AR-1242-5

R.T.: 6.821 min
Delta R.T.: 0.001 min
Response: 5970579
Conc: 68.21 ng/ml



#20 AR-1242-5

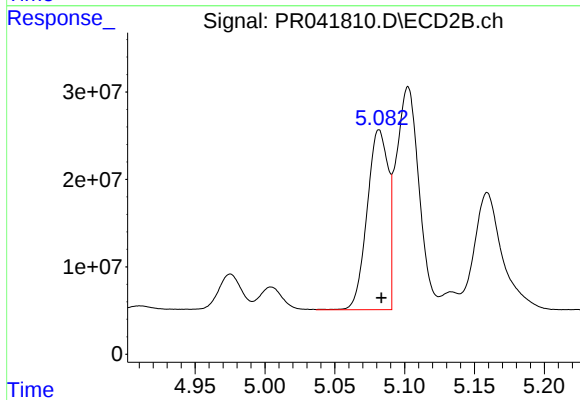
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 74573530
Conc: 281.10 ng/ml



#21 AR-1248-1

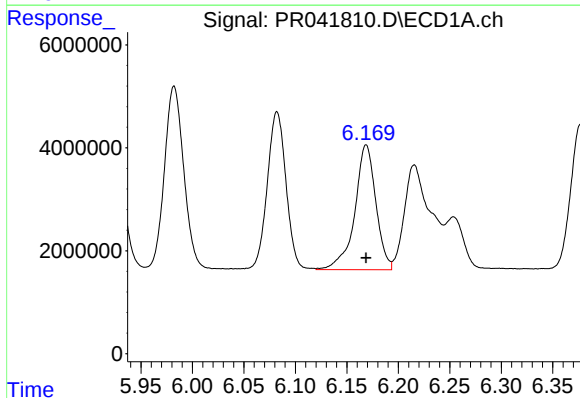
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 55985697
Conc: 672.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



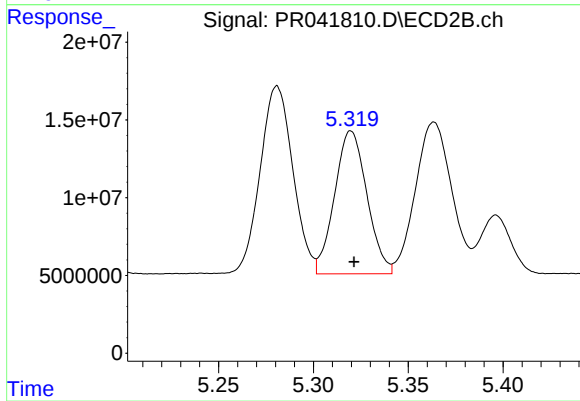
#21 AR-1248-1

R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 216337391
Conc: 663.73 ng/ml



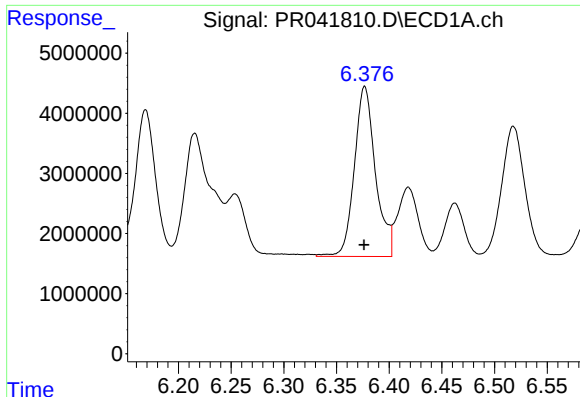
#22 AR-1248-2

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 34634708
Conc: 301.82 ng/ml



#22 AR-1248-2

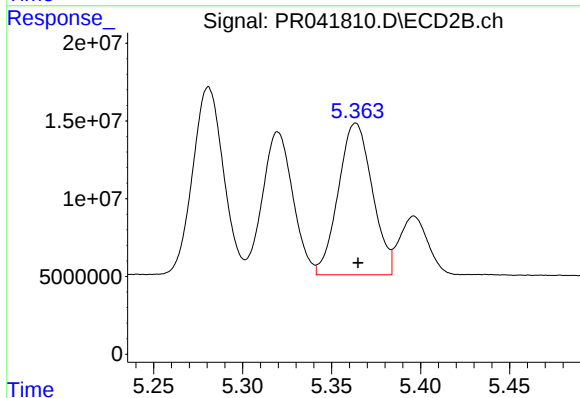
R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 109109633
Conc: 292.93 ng/ml



#23 AR-1248-3

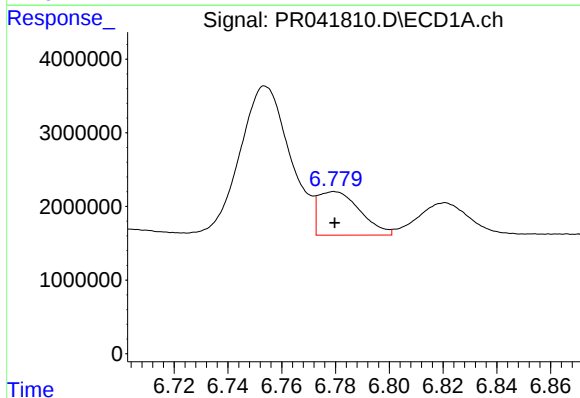
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 39439725
Conc: 304.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



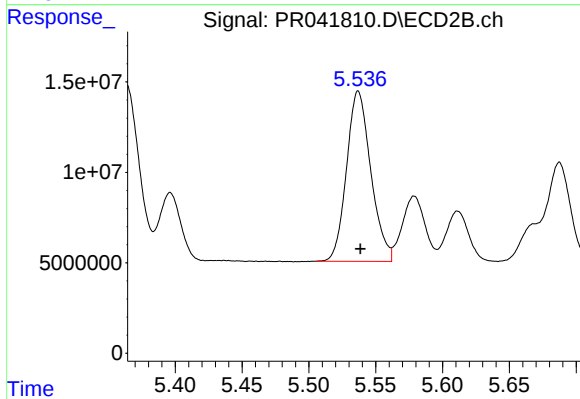
#23 AR-1248-3

R.T.: 5.364 min
Delta R.T.: -0.001 min
Response: 129487676
Conc: 345.93 ng/ml



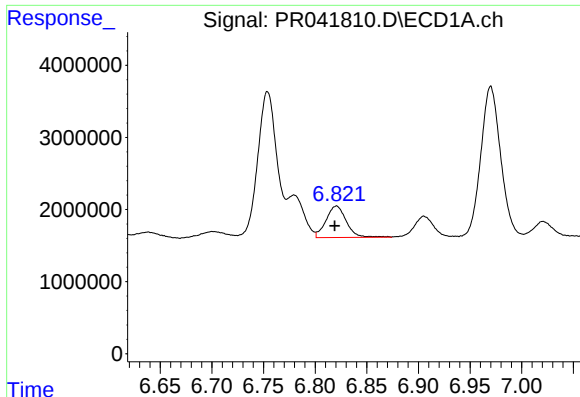
#24 AR-1248-4

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 6395540
Conc: 41.68 ng/ml



#24 AR-1248-4

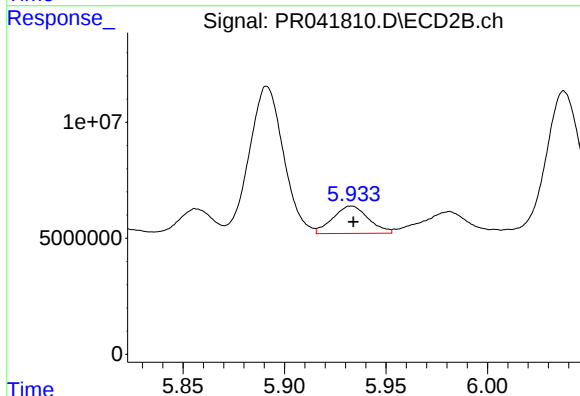
R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 118875977
Conc: 298.48 ng/ml



#25 AR-1248-5

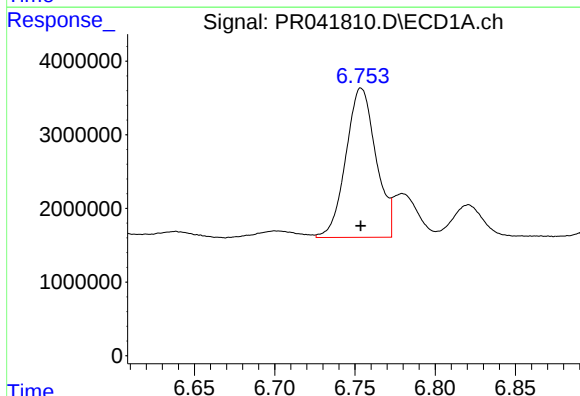
R.T.: 6.821 min
Delta R.T.: 0.001 min
Response: 5970579
Conc: 41.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



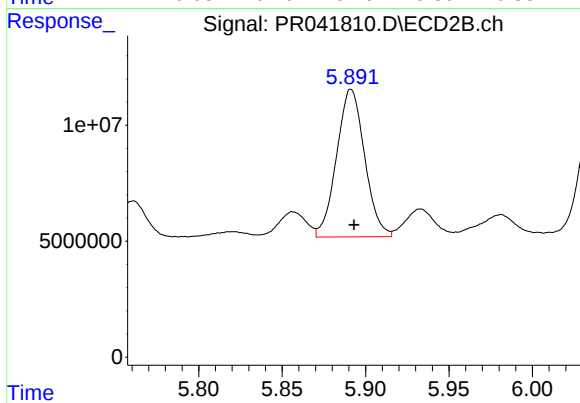
#25 AR-1248-5

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 14431981
Conc: 41.32 ng/ml



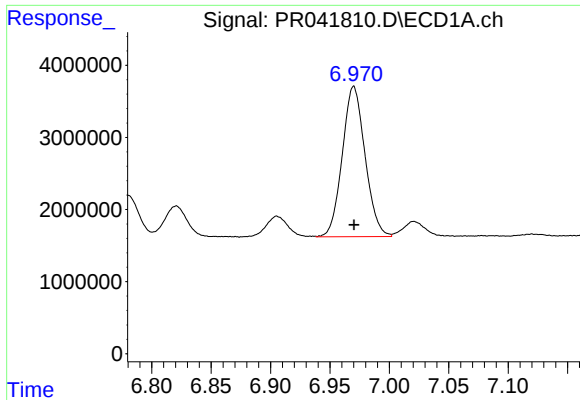
#26 AR-1254-1

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 26411584
Conc: 161.72 ng/ml



#26 AR-1254-1

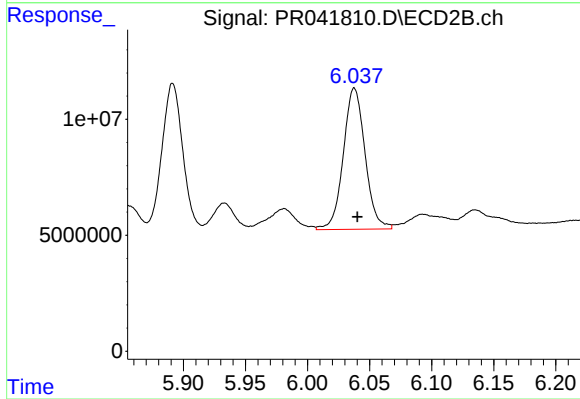
R.T.: 5.891 min
Delta R.T.: -0.002 min
Response: 74573530
Conc: 140.78 ng/ml



#27 AR-1254-2

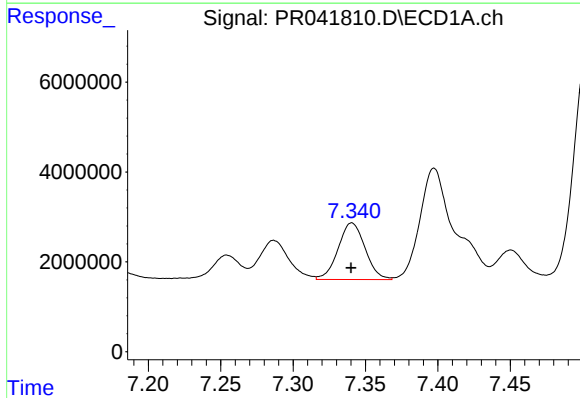
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 27819324
Conc: 112.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



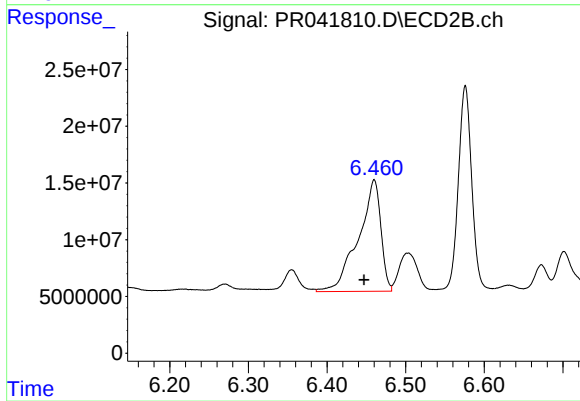
#27 AR-1254-2

R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 74424673
Conc: 148.45 ng/ml



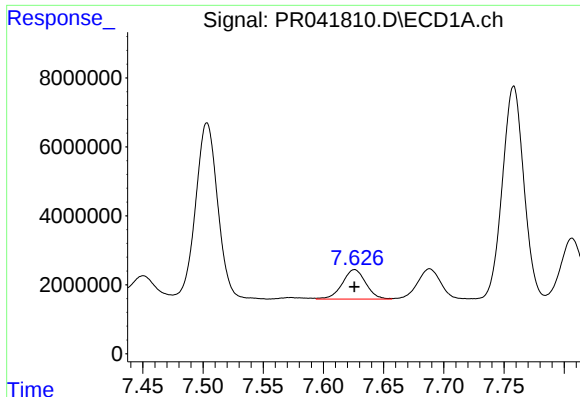
#28 AR-1254-3

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 16349111
Conc: 60.58 ng/ml



#28 AR-1254-3

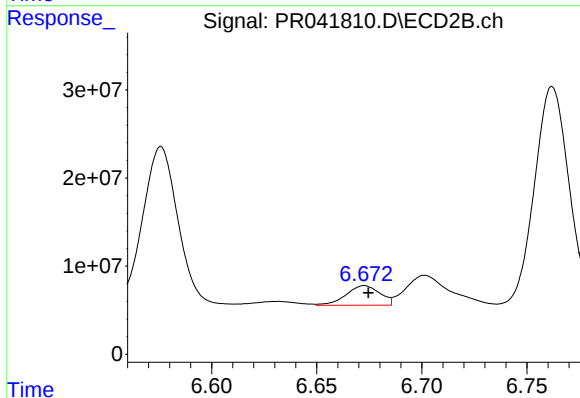
R.T.: 6.460 min
Delta R.T.: 0.013 min
Response: 195416201
Conc: 207.13 ng/ml



#29 AR-1254-4

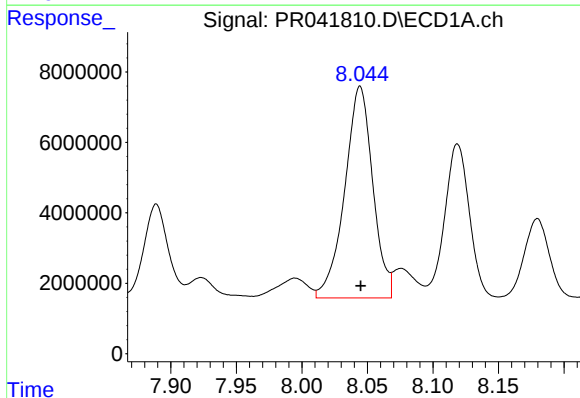
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 11612174
Conc: 57.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



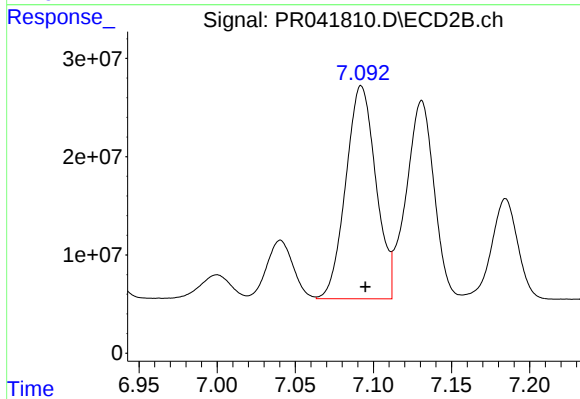
#29 AR-1254-4

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 25121034
Conc: 37.94 ng/ml



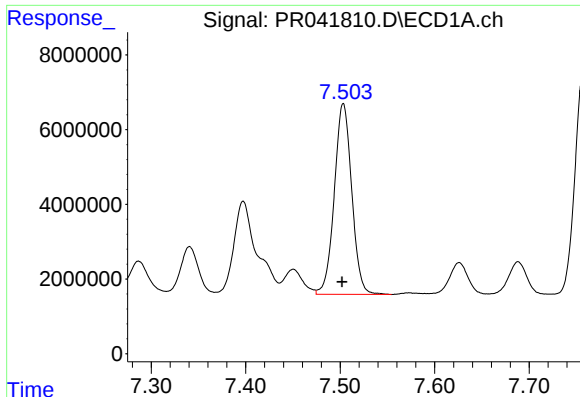
#30 AR-1254-5

R.T.: 8.044 min
Delta R.T.: 0.000 min
Response: 89536160
Conc: 421.04 ng/ml



#30 AR-1254-5

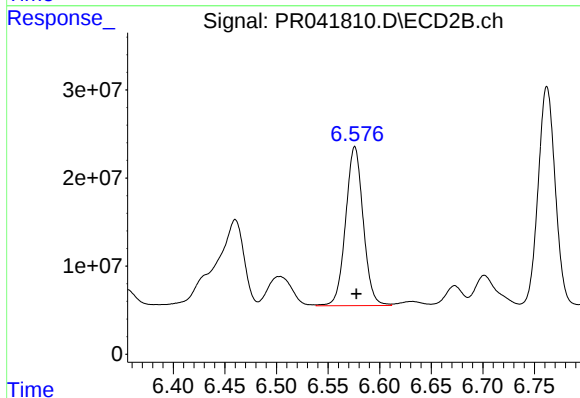
R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 290671851
Conc: 338.52 ng/ml



#31 AR-1260-1

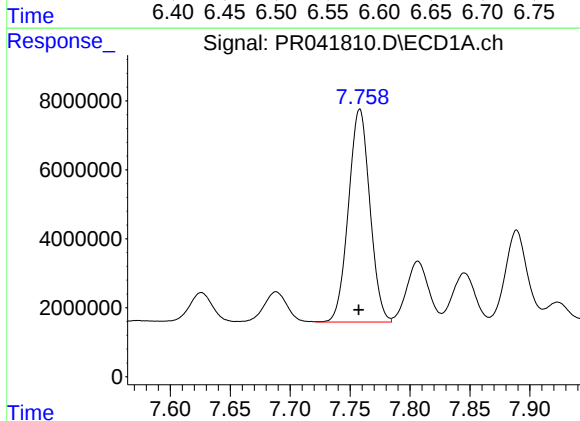
R.T.: 7.503 min
Delta R.T.: 0.001 min
Response: 65440991
Conc: 345.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



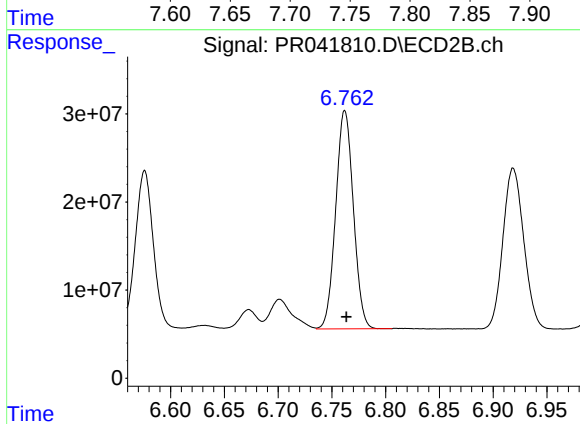
#31 AR-1260-1

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 214272460
Conc: 361.48 ng/ml



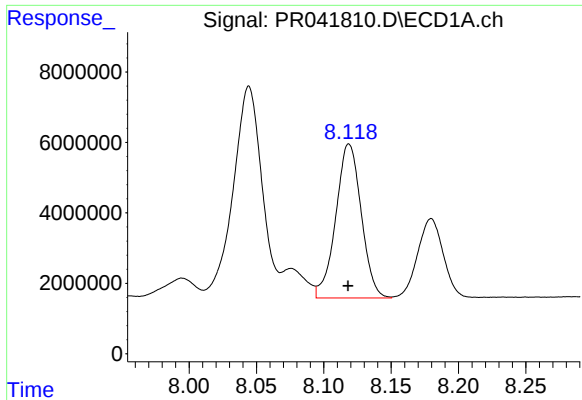
#32 AR-1260-2

R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 76744892
Conc: 324.69 ng/ml



#32 AR-1260-2

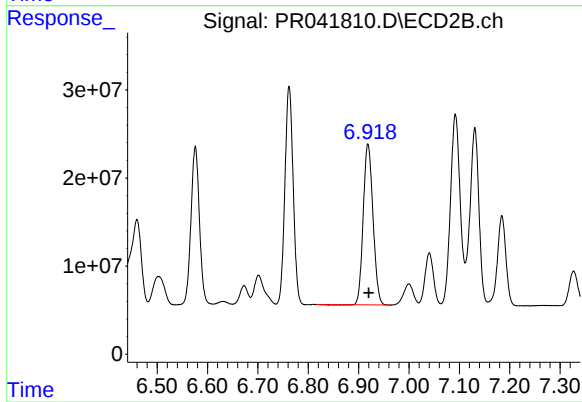
R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 283509354
Conc: 347.75 ng/ml



#33 AR-1260-3

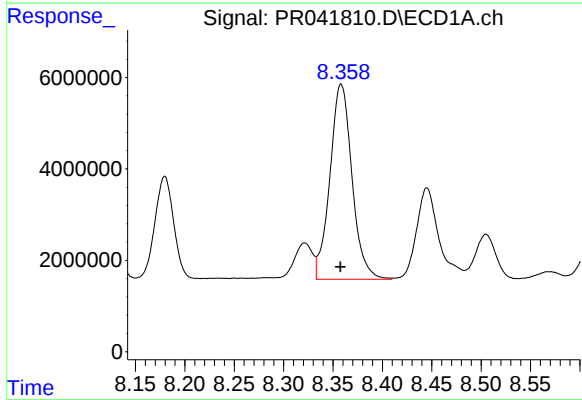
R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 57500954
Conc: 306.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



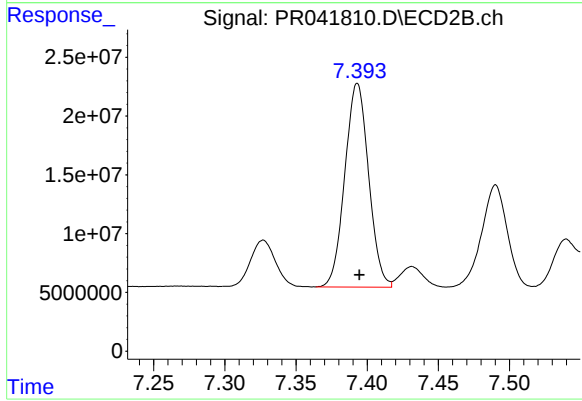
#33 AR-1260-3

R.T.: 6.919 min
Delta R.T.: -0.002 min
Response: 245259842
Conc: 354.78 ng/ml



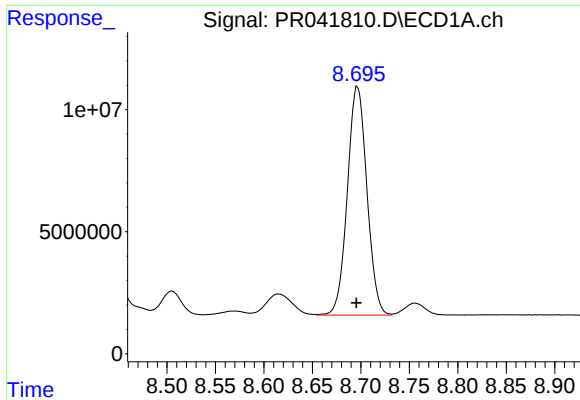
#34 AR-1260-4

R.T.: 8.358 min
Delta R.T.: 0.000 min
Response: 66480526
Conc: 330.80 ng/ml



#34 AR-1260-4

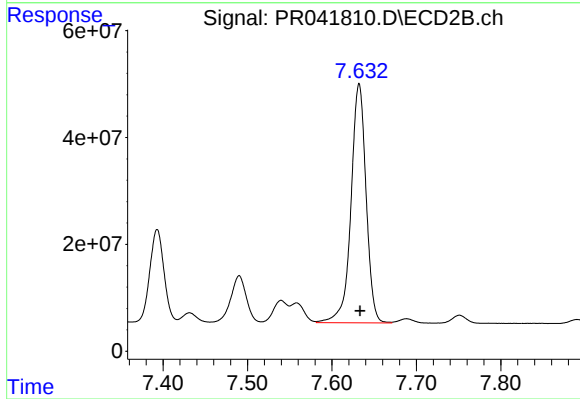
R.T.: 7.393 min
Delta R.T.: -0.001 min
Response: 201631541
Conc: 347.46 ng/ml



#35 AR-1260-5

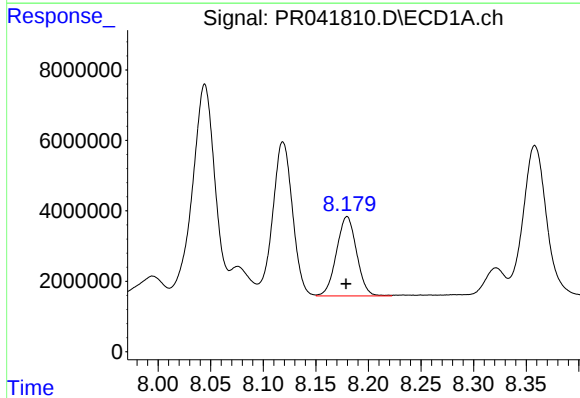
R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 131462309
Conc: 303.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



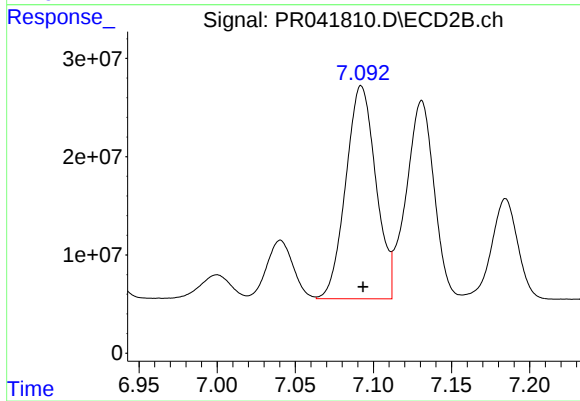
#35 AR-1260-5

R.T.: 7.632 min
Delta R.T.: -0.001 min
Response: 556275908
Conc: 342.14 ng/ml



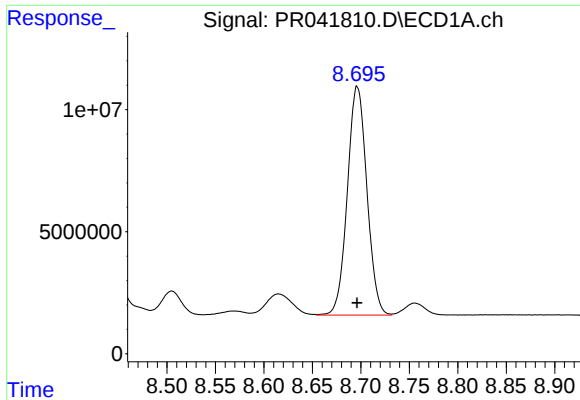
#36 AR-1262-1

R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 29982062
Conc: 318.52 ng/ml



#36 AR-1262-1

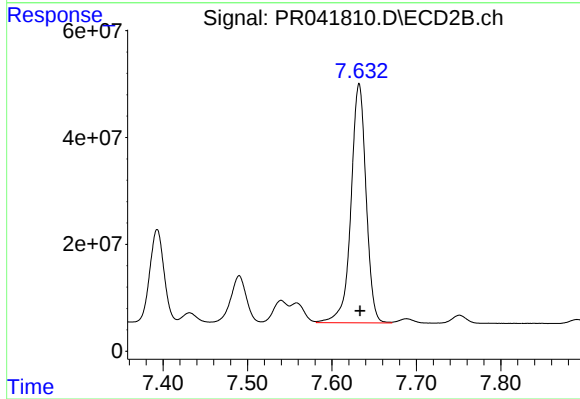
R.T.: 7.092 min
Delta R.T.: -0.001 min
Response: 290671851
Conc: 667.01 ng/ml



#37 AR-1262-2

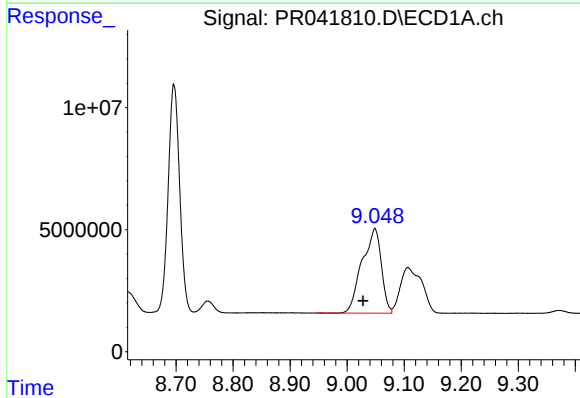
R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 131462309
Conc: 304.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



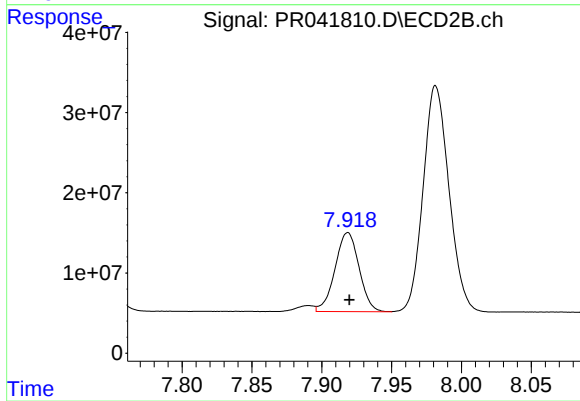
#37 AR-1262-2

R.T.: 7.632 min
Delta R.T.: -0.001 min
Response: 556275908
Conc: 323.13 ng/ml



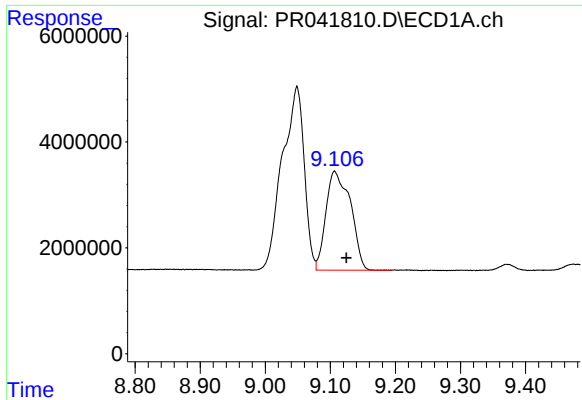
#38 AR-1262-3

R.T.: 9.049 min
Delta R.T.: 0.021 min
Response: 81205596
Conc: 291.33 ng/ml



#38 AR-1262-3

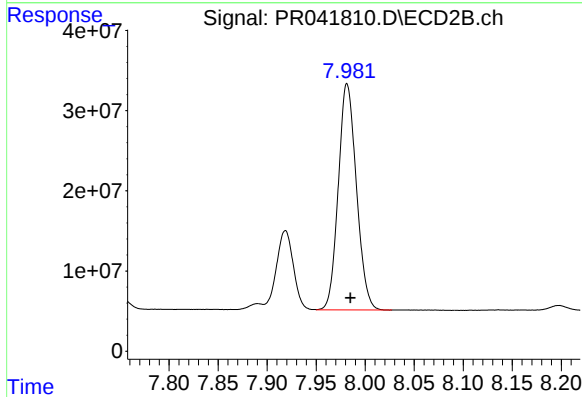
R.T.: 7.919 min
Delta R.T.: -0.001 min
Response: 118434166
Conc: 181.45 ng/ml



#39 AR-1262-4

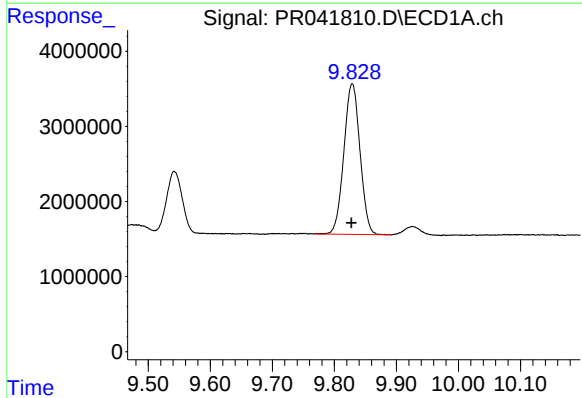
R.T.: 9.107 min
Delta R.T.: -0.018 min
Response: 48990982
Conc: 239.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



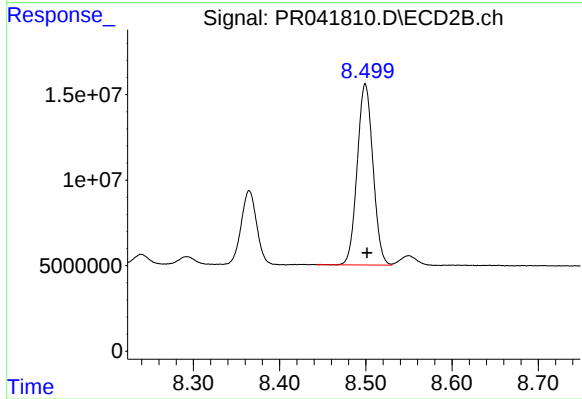
#39 AR-1262-4

R.T.: 7.982 min
Delta R.T.: -0.004 min
Response: 363154876
Conc: 310.77 ng/ml



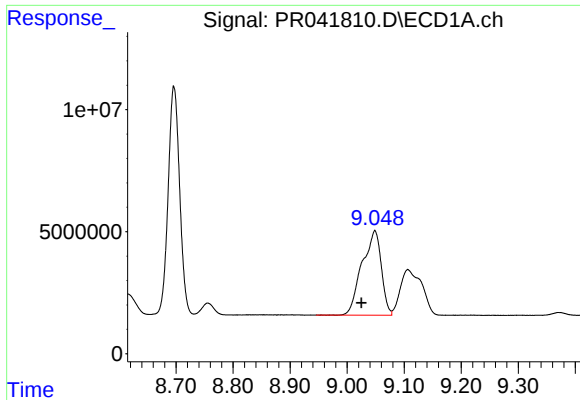
#40 AR-1262-5

R.T.: 9.829 min
Delta R.T.: 0.001 min
Response: 36280276
Conc: 251.51 ng/ml



#40 AR-1262-5

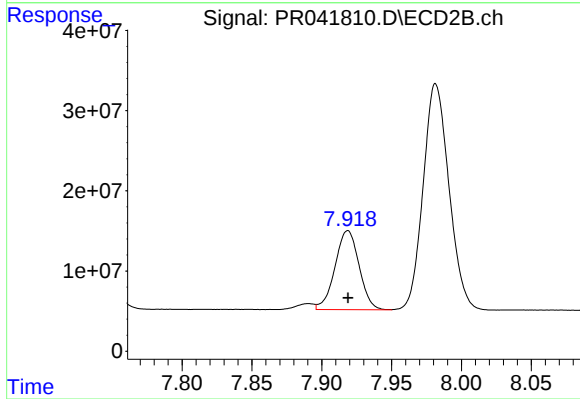
R.T.: 8.499 min
Delta R.T.: -0.002 min
Response: 134454397
Conc: 251.36 ng/ml



#41 AR-1268-1

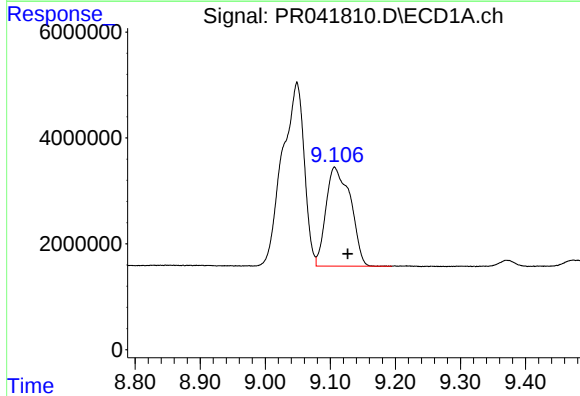
R.T.: 9.049 min
Delta R.T.: 0.024 min
Response: 81205596
Conc: 147.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



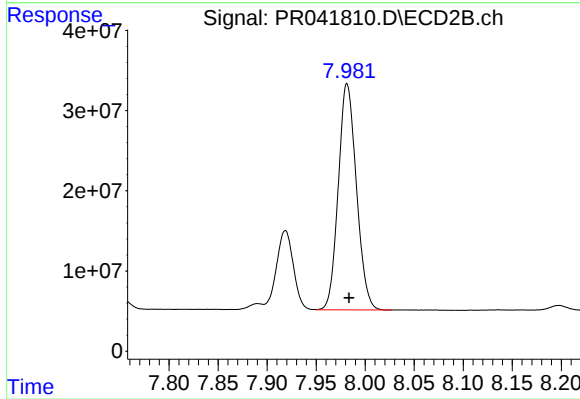
#41 AR-1268-1

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 118434166
Conc: 54.02 ng/ml



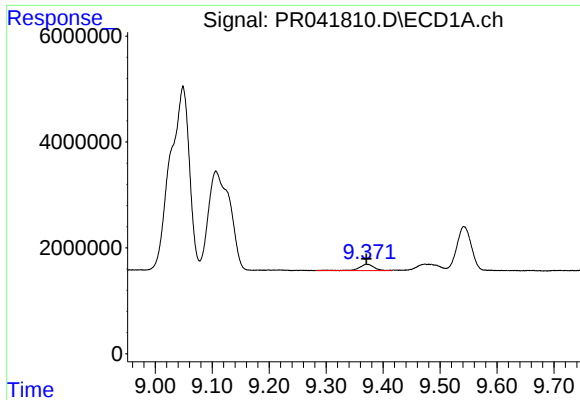
#42 AR-1268-2

R.T.: 9.107 min
Delta R.T.: -0.020 min
Response: 48990982
Conc: 98.54 ng/ml



#42 AR-1268-2

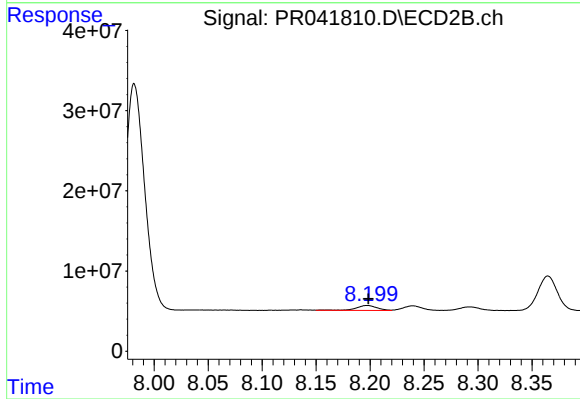
R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 363154876
Conc: 182.50 ng/ml



#43 AR-1268-3

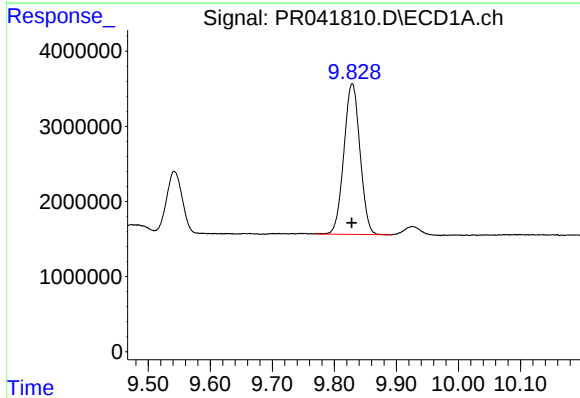
R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 2220071
Conc: 5.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



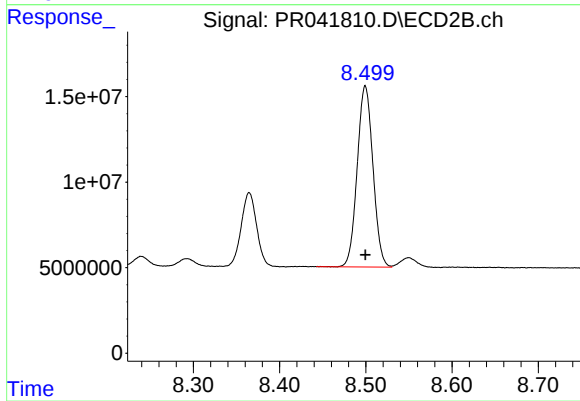
#43 AR-1268-3

R.T.: 8.198 min
Delta R.T.: 0.000 min
Response: 8266770
Conc: 4.93 ng/ml



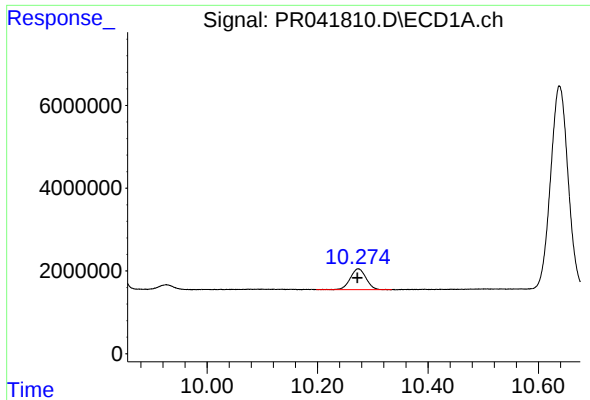
#44 AR-1268-4

R.T.: 9.829 min
Delta R.T.: 0.001 min
Response: 36280276
Conc: 206.79 ng/ml



#44 AR-1268-4

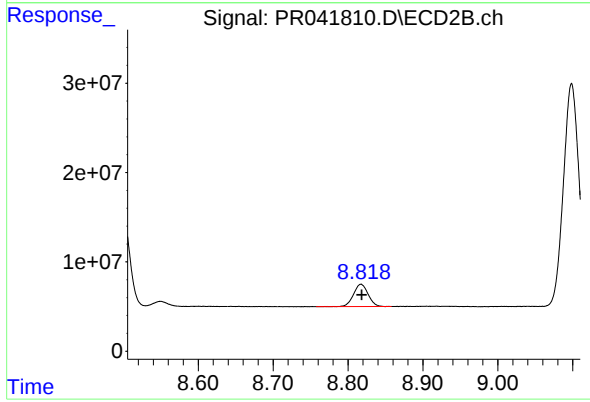
R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 134454397
Conc: 208.34 ng/ml



#45 AR-1268-5

R.T.: 10.274 min
Delta R.T.: 0.002 min
Response: 9977643
Conc: 7.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660363



#45 AR-1268-5

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 33785888
Conc: 7.36 ng/ml