

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100419\
 Data File : PR041911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2019 10:16
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660366

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 02:21:16 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...	4.720	3.986	84713135	313.6E6	20.824	20.510
2)	SA Decachlor...	10.635	9.096	136.7E6	449.8E6	39.770	45.373
Target Compounds							
3)	L1 AR-1016-1	5.897	5.083	60013002	218.1E6	418.007	401.172
4)	L1 AR-1016-2	5.920	5.104	84673502	298.0E6	414.058	412.811
5)	L1 AR-1016-3	5.983	5.282	50829517	149.6E6	418.097	410.275
6)	L1 AR-1016-4	6.083	5.321	42572018	111.8E6	418.600	402.933
7)	L1 AR-1016-5	6.377	5.538	42718563	120.6E6	429.027	389.914
8)	L2 AR-1221-1	4.924	4.197	4649208	19380311	113.242	114.718
9)	L2 AR-1221-2	5.016	4.286	6247550	26283129	215.333	213.862
10)	L2 AR-1221-3	5.095	4.363	26472587	106.2E6	272.092	272.670
11)	L3 AR-1232-1	5.095	4.363	26472587	106.2E6	316.362	311.696
12)	L3 AR-1232-2	5.630	5.104	39853067	298.0E6	925.121	874.989
13)	L3 AR-1232-3	5.920	5.282	84673502	149.6E6	941.703	888.326
14)	L3 AR-1232-4	6.083	5.364	42572018	132.1E6	956.596	927.665
15)	L3 AR-1232-5	6.170	5.538	38428647	120.6E6	1169.764	894.736
16)	L4 AR-1242-1	5.897	5.083	60013002	218.1E6	544.210	513.481
17)	L4 AR-1242-2	5.920	5.104	84673502	298.0E6	545.399	523.549
18)	L4 AR-1242-3	5.983	5.282	50829517	149.6E6	541.725	518.371
19)	L4 AR-1242-4	6.083	5.364	42572018	132.1E6	547.990	507.588
20)	L4 AR-1242-5	6.821	5.892	7190888	83936055	82.155	316.389 #
21)	L5 AR-1248-1	5.897	5.083	60013002	218.1E6	721.203	669.066
22)	L5 AR-1248-2	6.170	5.321	38428647	111.8E6	334.877	300.205
23)	L5 AR-1248-3	6.377	5.364	42718563	132.1E6	329.473	353.003
24)	L5 AR-1248-4	6.779	5.538	7301941	120.6E6	47.586	302.721 #
25)	L5 AR-1248-5	6.821	5.933	7190888	18534667	49.664	53.068
26)	L6 AR-1254-1	6.754	5.892	29960309	83936055	183.455	158.449
27)	L6 AR-1254-2	6.970	6.039	32585827	86137605	131.342	171.810 #
28)	L6 AR-1254-3	7.340	6.460	19196162	229.7E6	71.133	243.447 #
29)	L6 AR-1254-4	7.625	6.673	13551135	37268347	66.769	56.290
30)	L6 AR-1254-5	8.043	7.092	109.6E6	347.5E6	515.192	404.758
31)	L7 AR-1260-1	7.503	6.576	75709615	253.2E6	399.595	427.101
32)	L7 AR-1260-2	7.758	6.762	92538189	345.0E6	391.511	423.138
33)	L7 AR-1260-3	8.118	6.919	69704362	299.3E6	371.305	432.901
34)	L7 AR-1260-4	8.357	7.392	82802085	243.6E6	412.019	419.862
35)	L7 AR-1260-5	8.695	7.630	168.5E6	697.3E6	389.324	428.867
36)	L8 AR-1262-1	8.178	7.092	36193350	347.5E6	384.501	797.516 #
37)	L8 AR-1262-2	8.695	7.630	168.5E6	697.3E6	390.722	405.039
38)	L8 AR-1262-3	9.047	7.916	105.2E6	149.0E6	377.394	228.334 #
39)	L8 AR-1262-4	9.105	7.980	63927709	452.3E6	312.042	387.041
40)	L8 AR-1262-5	9.827	8.497	46809478	165.7E6	324.504	309.772
41)	L9 AR-1268-1	9.047	7.916	105.2E6	149.0E6	191.529	67.973 #

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Integration File signal 1: autoint1.e
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 Quant Time: Oct 07 02:21:16 2019
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

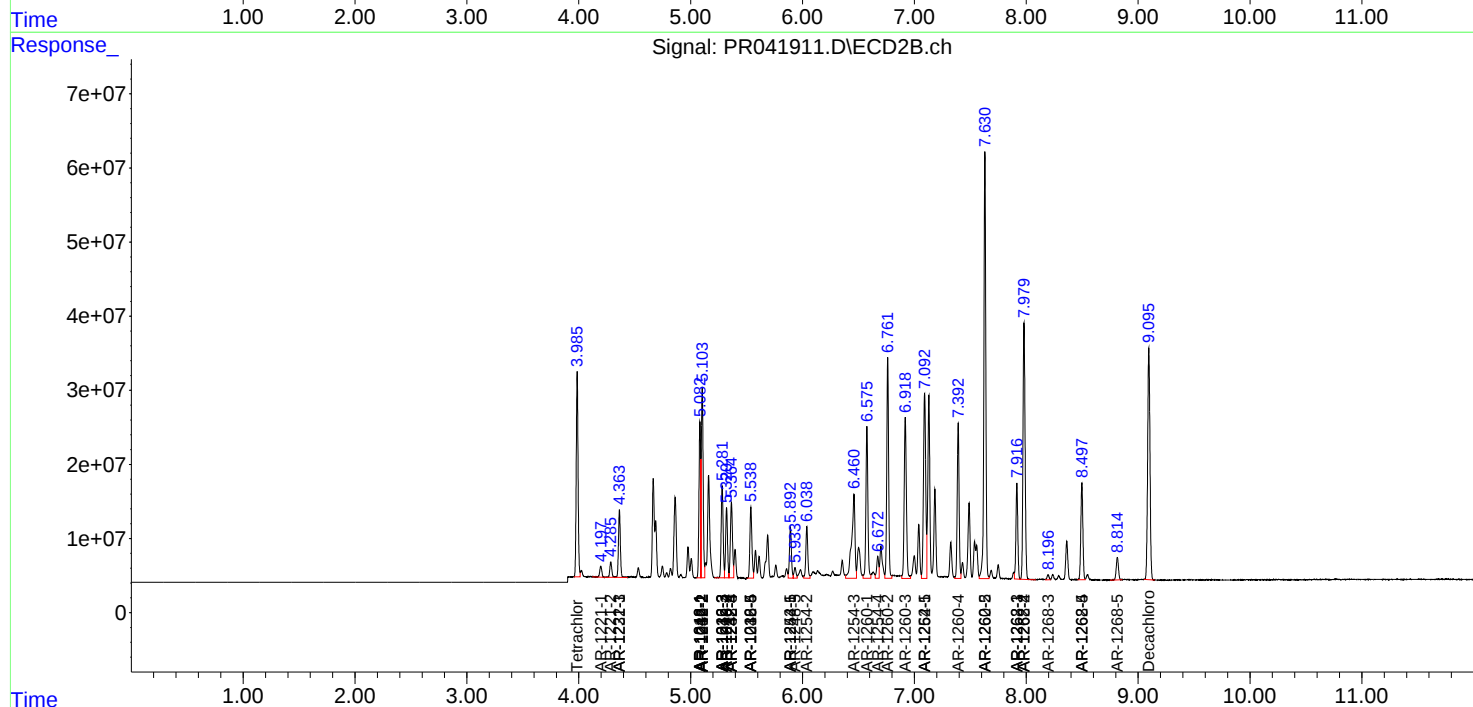
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

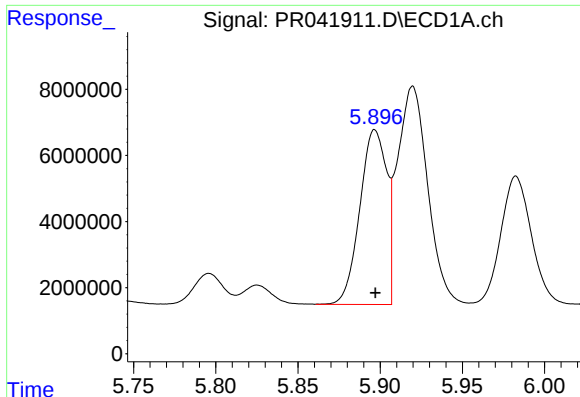
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.105	7.980	63927709	452.3E6	128.582	227.297 #
43) L9	AR-1268-3	9.370	8.195	2294458	8792134	5.625	5.246
44) L9	AR-1268-4	9.827	8.497	46809478	165.7E6	266.800	256.758
45) L9	AR-1268-5	10.272	8.814	12657323	42184780	9.713	9.193

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

Instrument :
ECD_R
ClientSampleId :
AR1660366

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

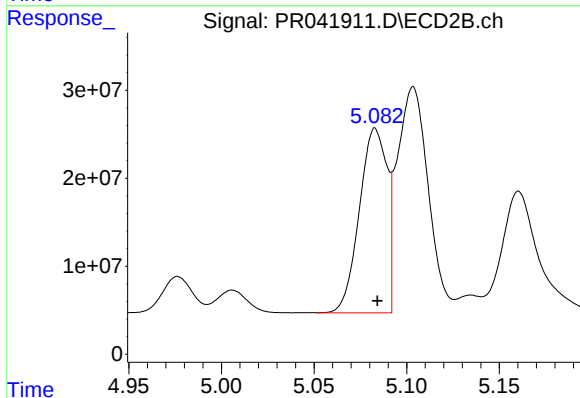




#3 AR-1016-1

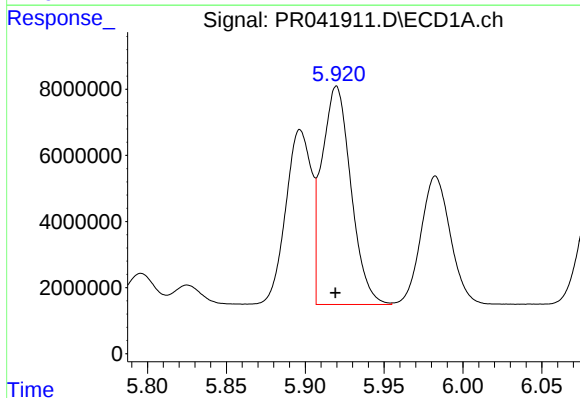
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 60013002
Conc: 418.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



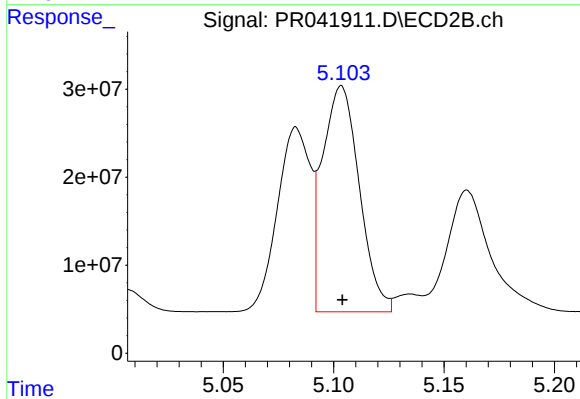
#3 AR-1016-1

R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 218075189
Conc: 401.17 ng/ml



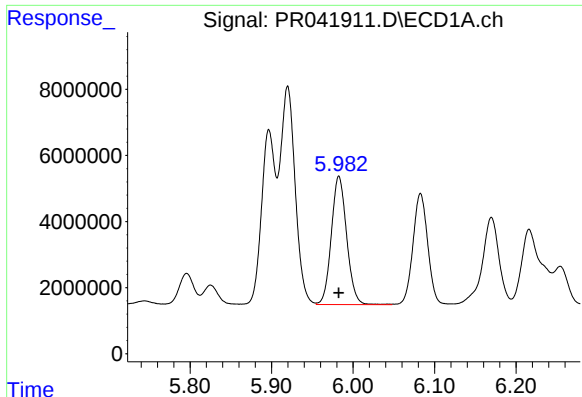
#4 AR-1016-2

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 84673502
Conc: 414.06 ng/ml



#4 AR-1016-2

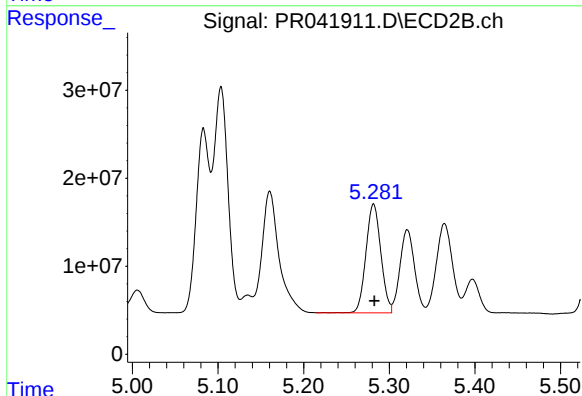
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 297956293
Conc: 412.81 ng/ml



#5 AR-1016-3

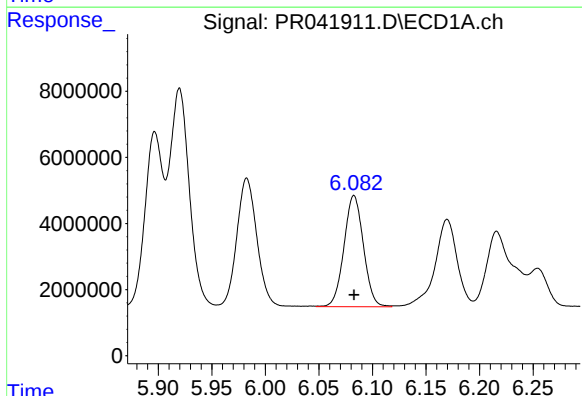
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 50829517
Conc: 418.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



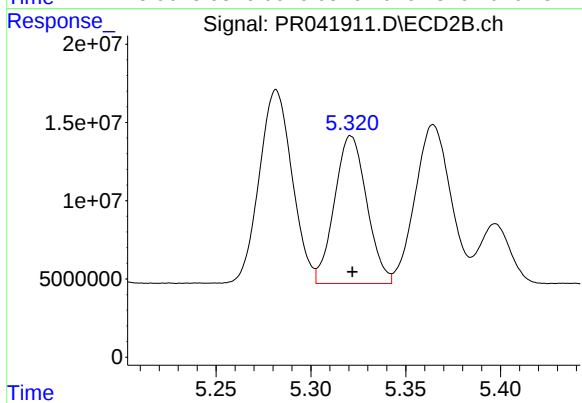
#5 AR-1016-3

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 149605495
Conc: 410.28 ng/ml



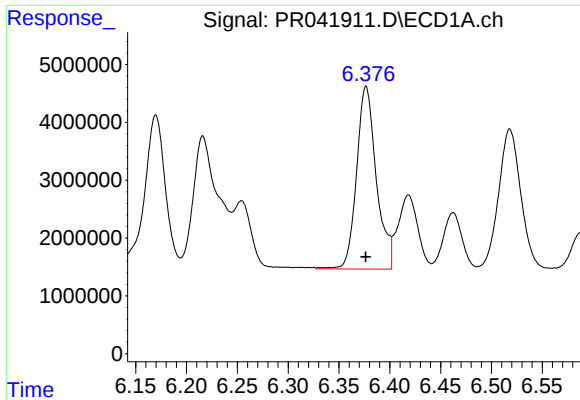
#6 AR-1016-4

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 42572018
Conc: 418.60 ng/ml



#6 AR-1016-4

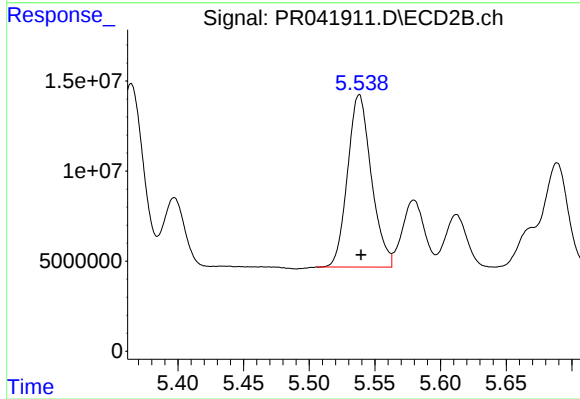
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 111817819
Conc: 402.93 ng/ml



#7 AR-1016-5

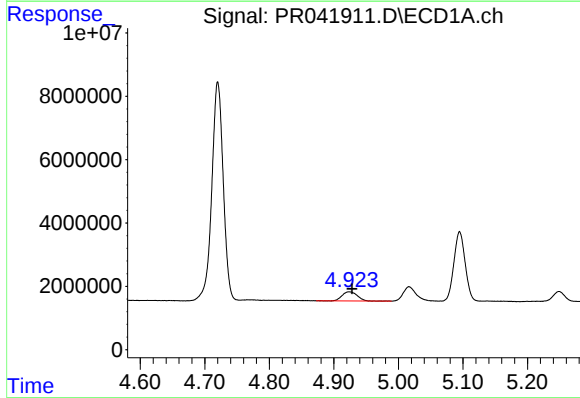
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 42718563
Conc: 429.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



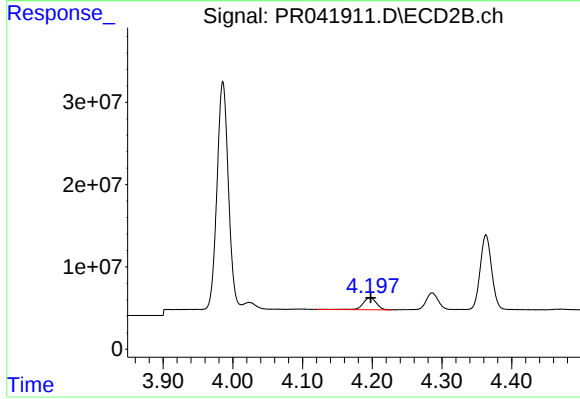
#7 AR-1016-5

R.T.: 5.538 min
Delta R.T.: -0.001 min
Response: 120566464
Conc: 389.91 ng/ml



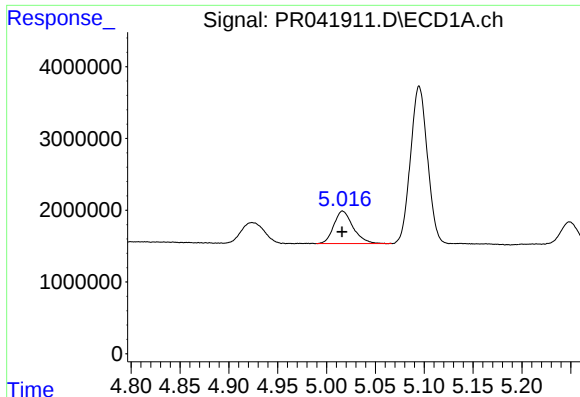
#8 AR-1221-1

R.T.: 4.924 min
Delta R.T.: -0.004 min
Response: 4649208
Conc: 113.24 ng/ml



#8 AR-1221-1

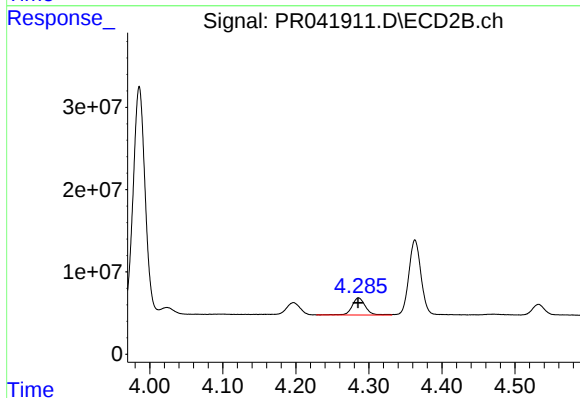
R.T.: 4.197 min
Delta R.T.: -0.001 min
Response: 19380311
Conc: 114.72 ng/ml



#9 AR-1221-2

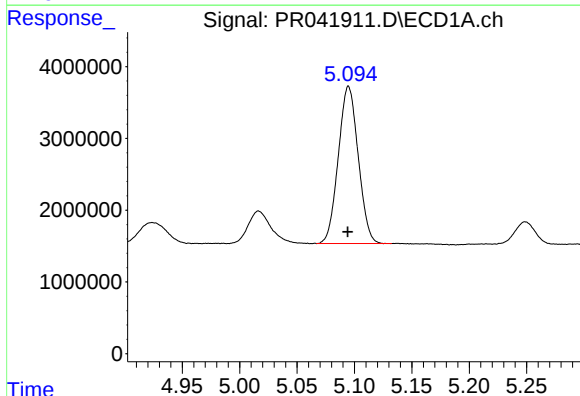
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 6247550
Conc: 215.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



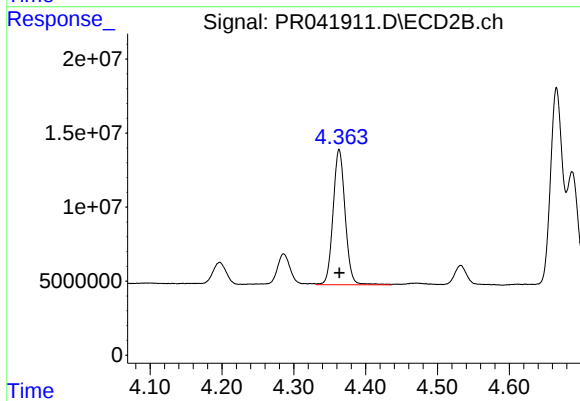
#9 AR-1221-2

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 26283129
Conc: 213.86 ng/ml



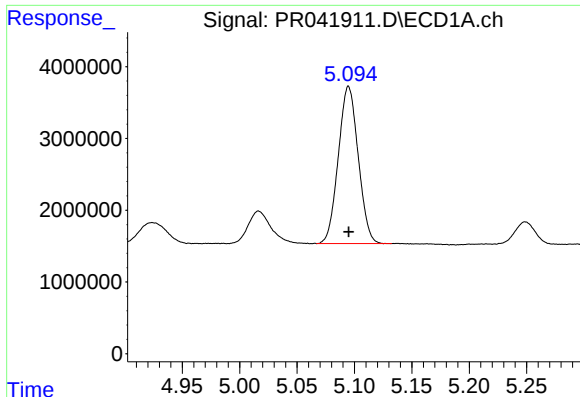
#10 AR-1221-3

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 26472587
Conc: 272.09 ng/ml



#10 AR-1221-3

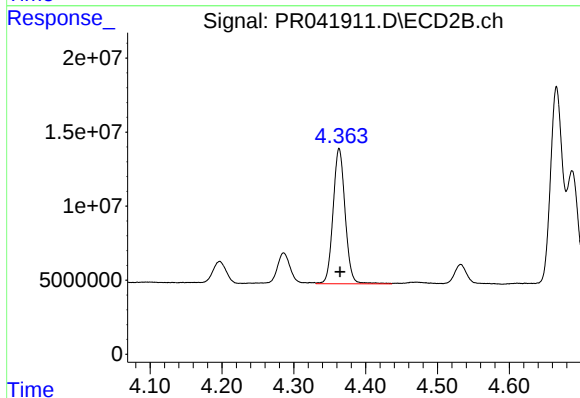
R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 106204184
Conc: 272.67 ng/ml



#11 AR-1232-1

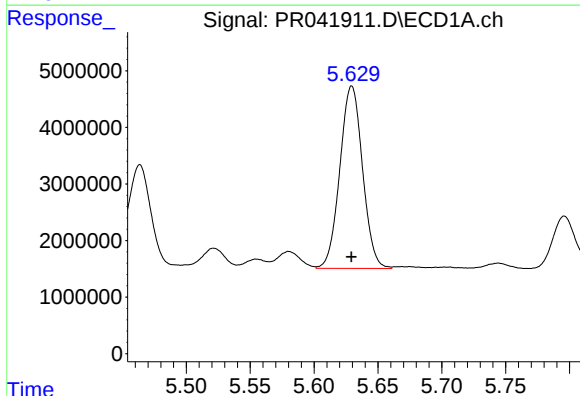
R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 26472587
Conc: 316.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



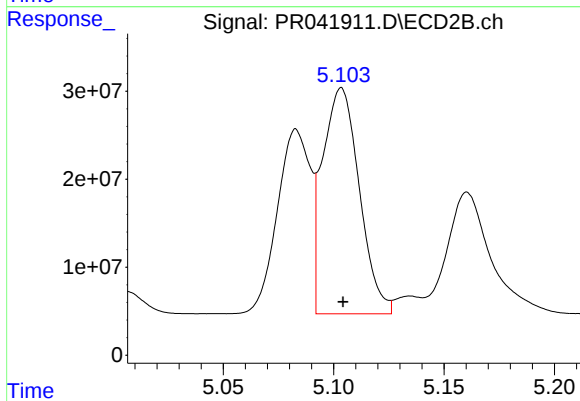
#11 AR-1232-1

R.T.: 4.363 min
Delta R.T.: -0.001 min
Response: 106204184
Conc: 311.70 ng/ml



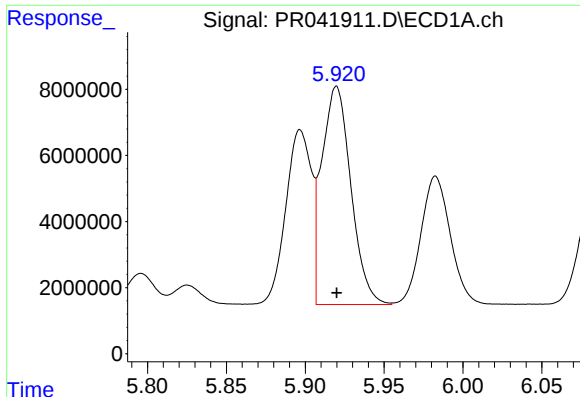
#12 AR-1232-2

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 39853067
Conc: 925.12 ng/ml



#12 AR-1232-2

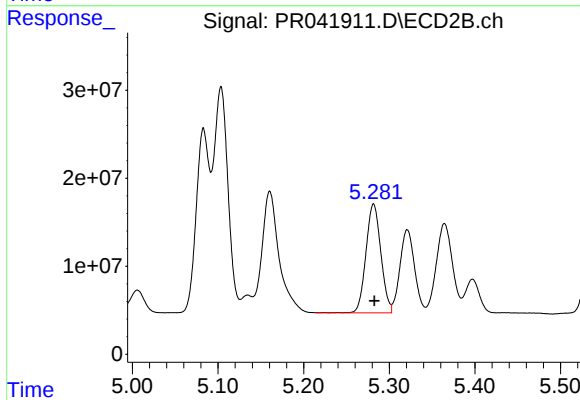
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 297956293
Conc: 874.99 ng/ml



#13 AR-1232-3

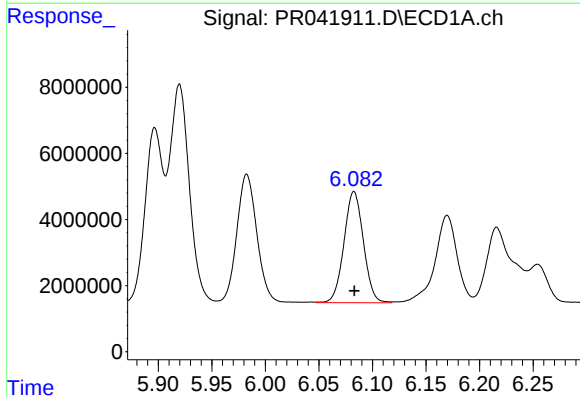
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 84673502
Conc: 941.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



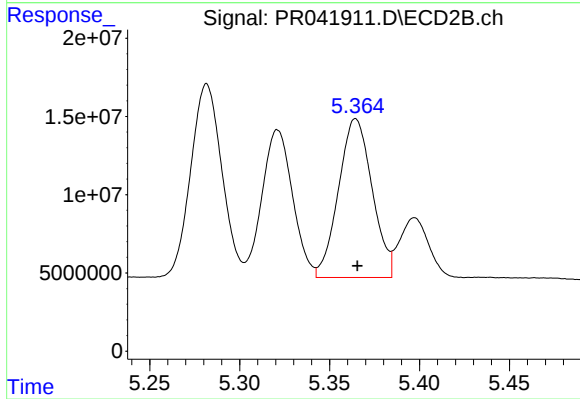
#13 AR-1232-3

R.T.: 5.282 min
Delta R.T.: -0.001 min
Response: 149605495
Conc: 888.33 ng/ml



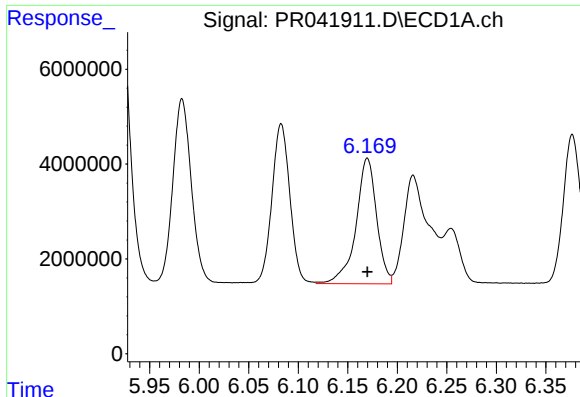
#14 AR-1232-4

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 42572018
Conc: 956.60 ng/ml



#14 AR-1232-4

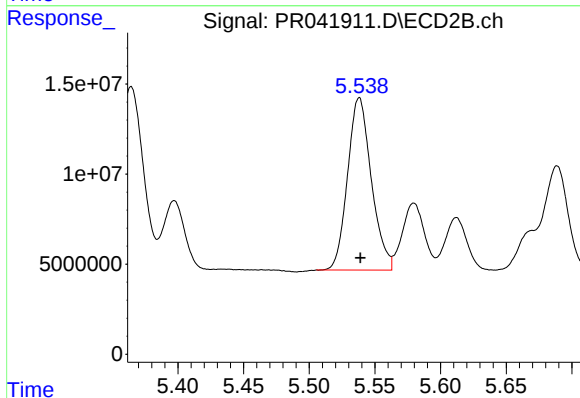
R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 132135690
Conc: 927.67 ng/ml



#15 AR-1232-5

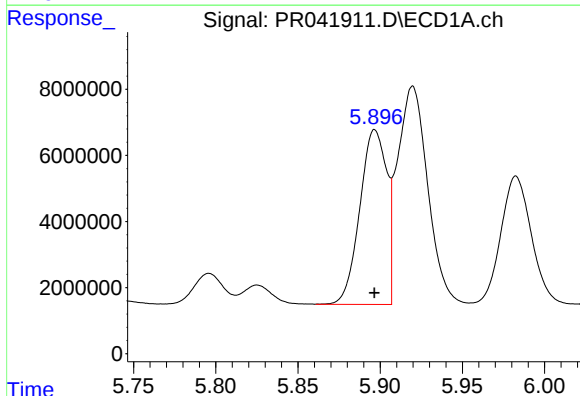
R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 38428647
Conc: 1169.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



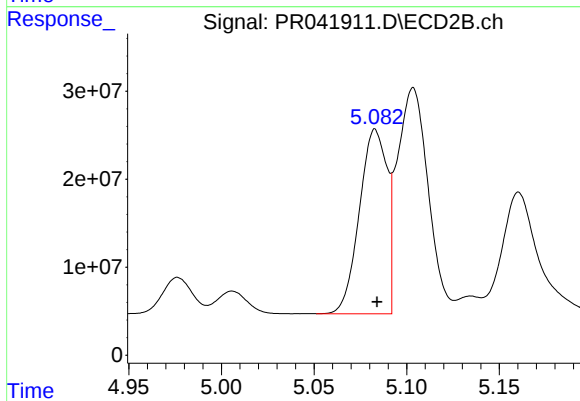
#15 AR-1232-5

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 120566464
Conc: 894.74 ng/ml



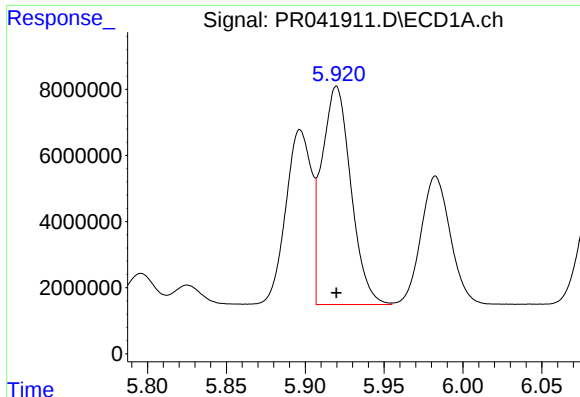
#16 AR-1242-1

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 60013002
Conc: 544.21 ng/ml



#16 AR-1242-1

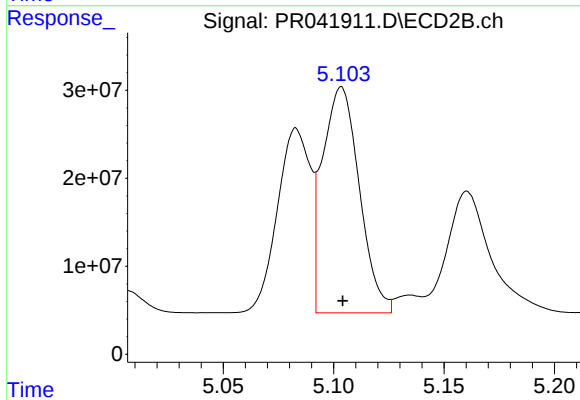
R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 218075189
Conc: 513.48 ng/ml



#17 AR-1242-2

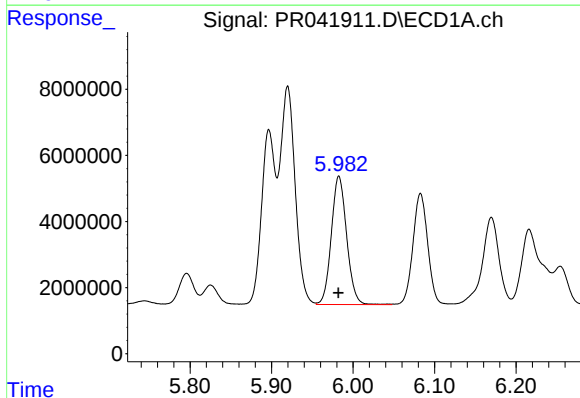
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 84673502
Conc: 545.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



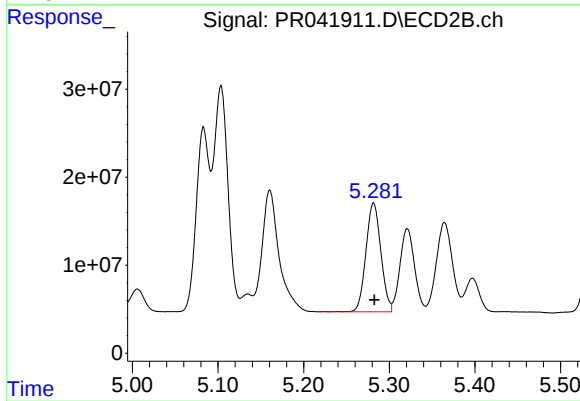
#17 AR-1242-2

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 297956293
Conc: 523.55 ng/ml



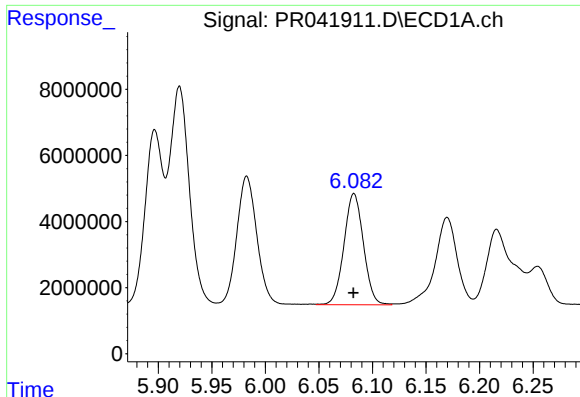
#18 AR-1242-3

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 50829517
Conc: 541.73 ng/ml



#18 AR-1242-3

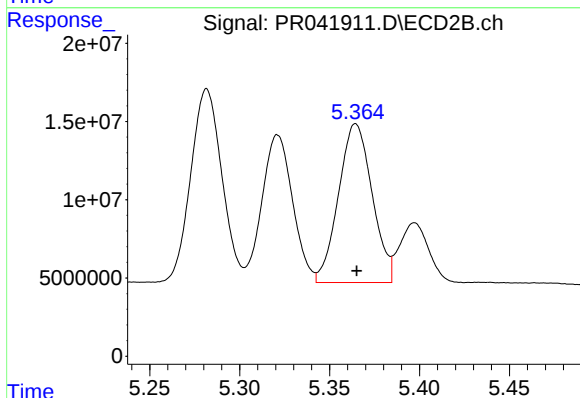
R.T.: 5.282 min
Delta R.T.: -0.001 min
Response: 149605495
Conc: 518.37 ng/ml



#19 AR-1242-4

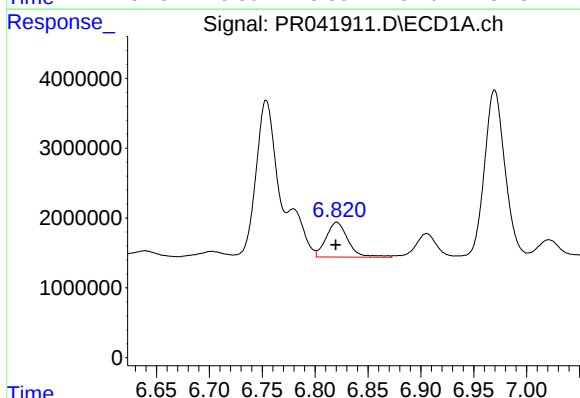
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 42572018
Conc: 547.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



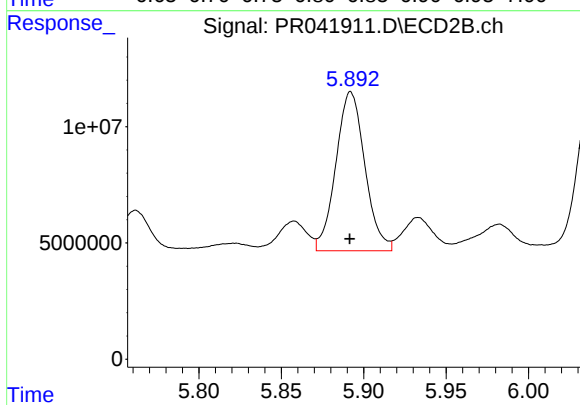
#19 AR-1242-4

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 132135690
Conc: 507.59 ng/ml



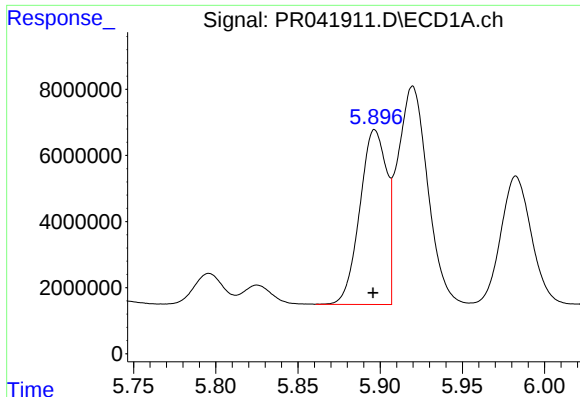
#20 AR-1242-5

R.T.: 6.821 min
Delta R.T.: 0.001 min
Response: 7190888
Conc: 82.16 ng/ml



#20 AR-1242-5

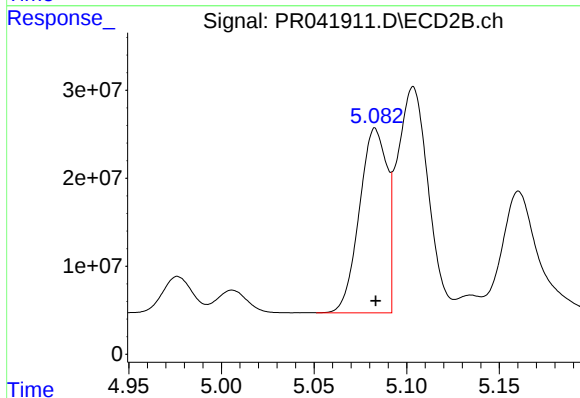
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 83936055
Conc: 316.39 ng/ml



#21 AR-1248-1

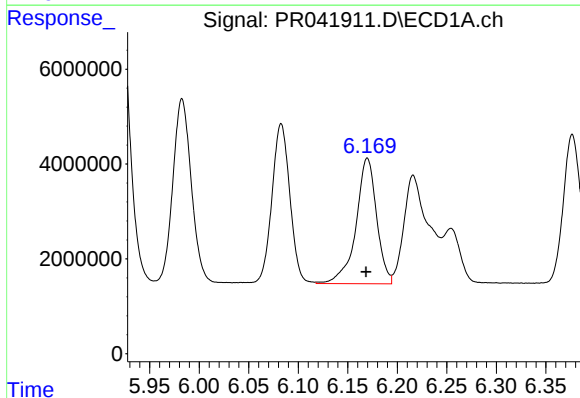
R.T.: 5.897 min
Delta R.T.: 0.001 min
Response: 60013002
Conc: 721.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



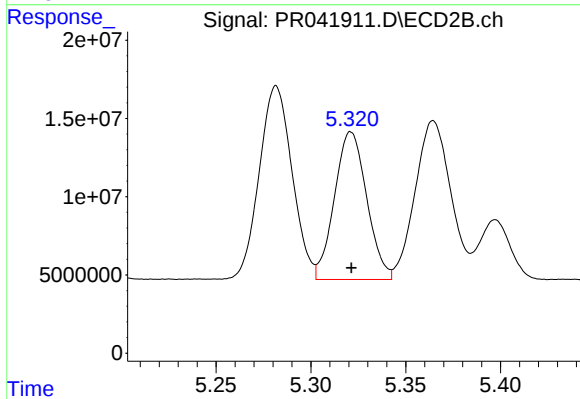
#21 AR-1248-1

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 218075189
Conc: 669.07 ng/ml



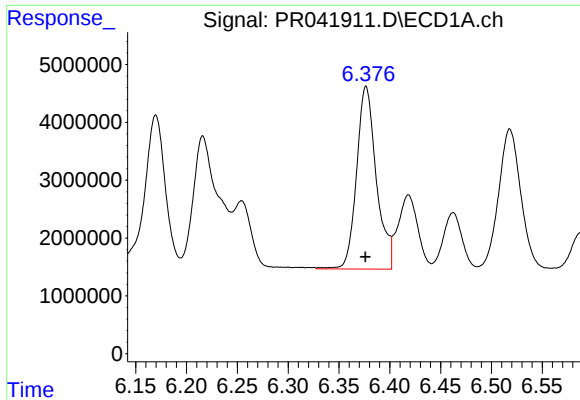
#22 AR-1248-2

R.T.: 6.170 min
Delta R.T.: 0.001 min
Response: 38428647
Conc: 334.88 ng/ml



#22 AR-1248-2

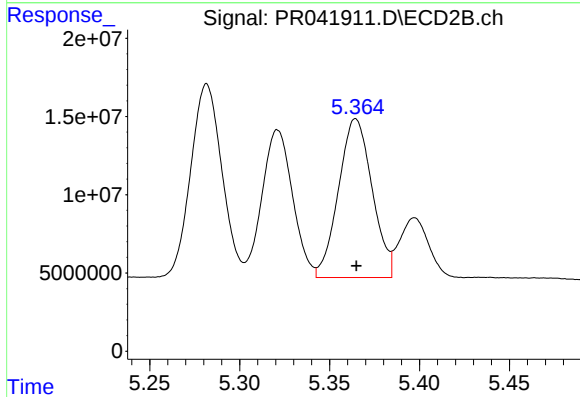
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 111817819
Conc: 300.21 ng/ml



#23 AR-1248-3

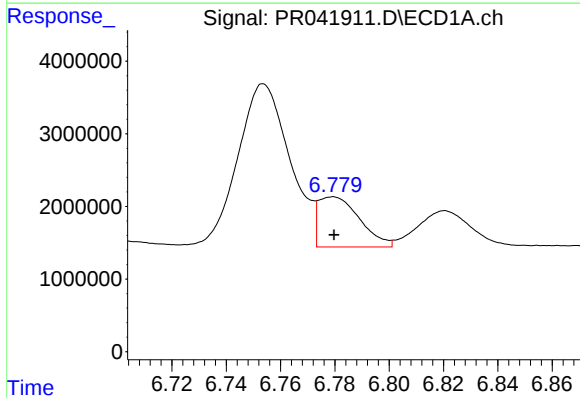
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 42718563
Conc: 329.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



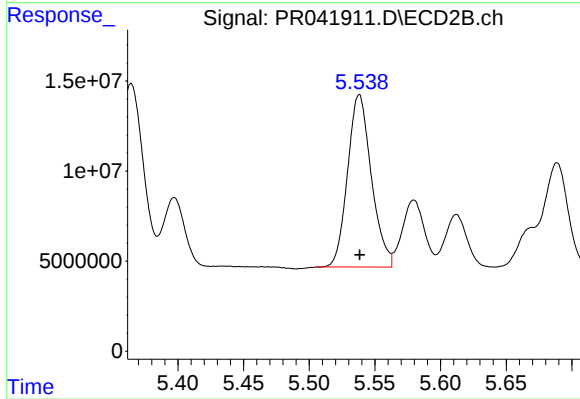
#23 AR-1248-3

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 132135690
Conc: 353.00 ng/ml



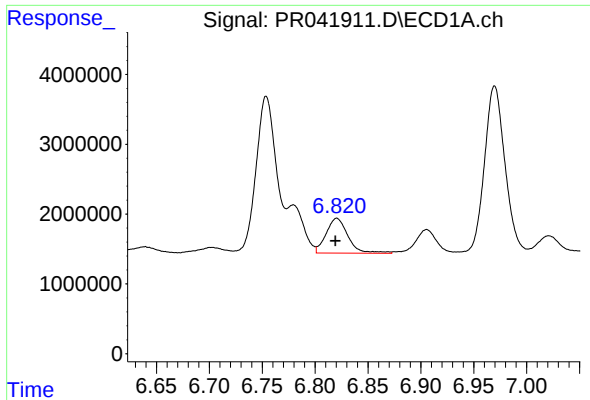
#24 AR-1248-4

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 7301941
Conc: 47.59 ng/ml



#24 AR-1248-4

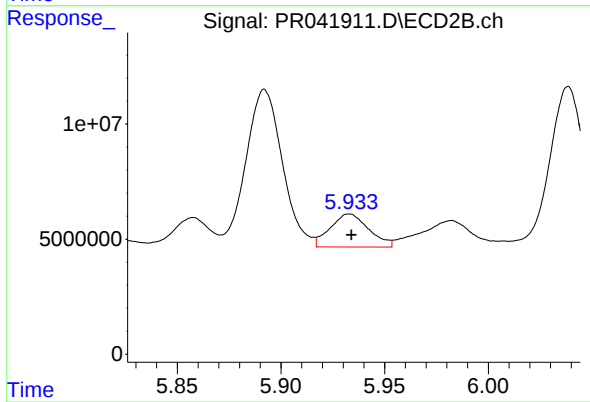
R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 120566464
Conc: 302.72 ng/ml



#25 AR-1248-5

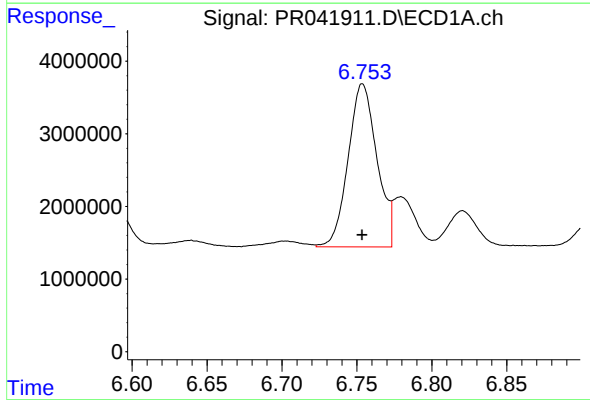
R.T.: 6.821 min
Delta R.T.: 0.001 min
Response: 7190888
Conc: 49.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



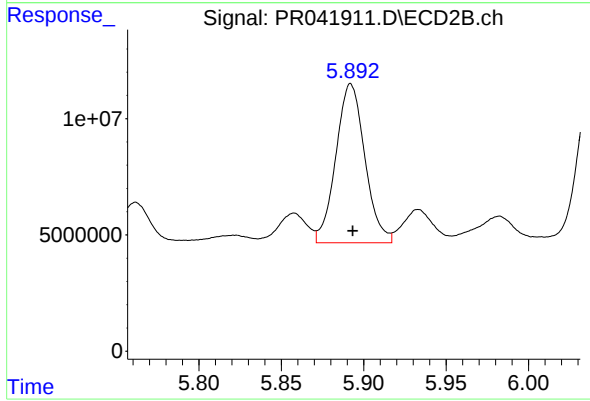
#25 AR-1248-5

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 18534667
Conc: 53.07 ng/ml



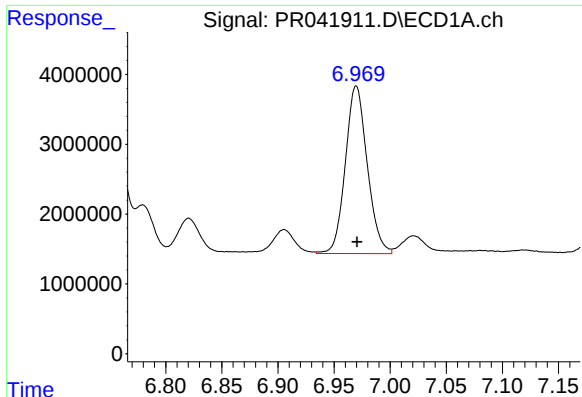
#26 AR-1254-1

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 29960309
Conc: 183.45 ng/ml



#26 AR-1254-1

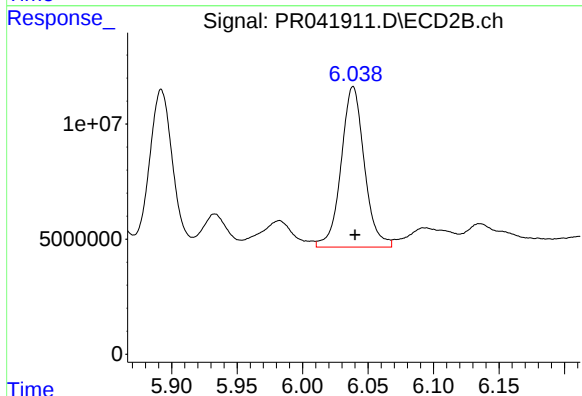
R.T.: 5.892 min
Delta R.T.: -0.001 min
Response: 83936055
Conc: 158.45 ng/ml



#27 AR-1254-2

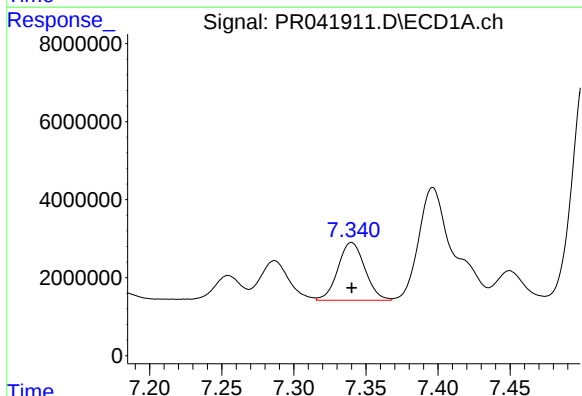
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 32585827
Conc: 131.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



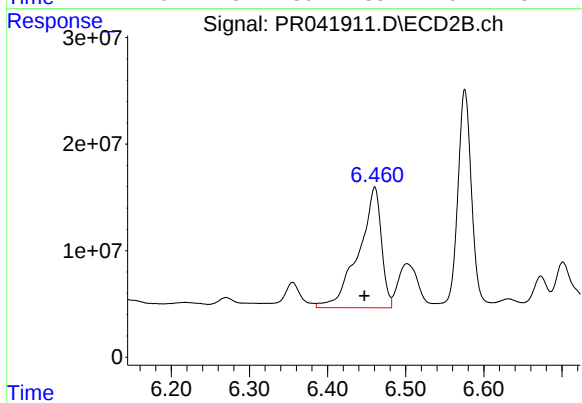
#27 AR-1254-2

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 86137605
Conc: 171.81 ng/ml



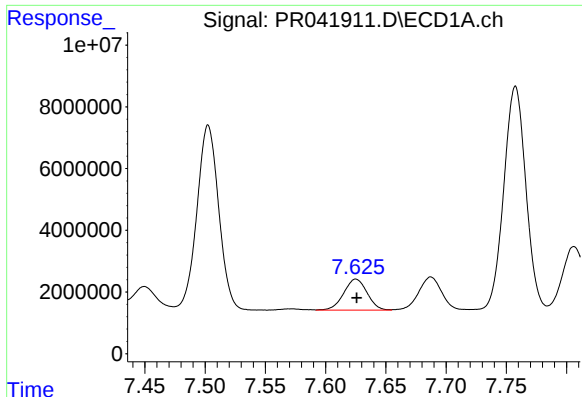
#28 AR-1254-3

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 19196162
Conc: 71.13 ng/ml



#28 AR-1254-3

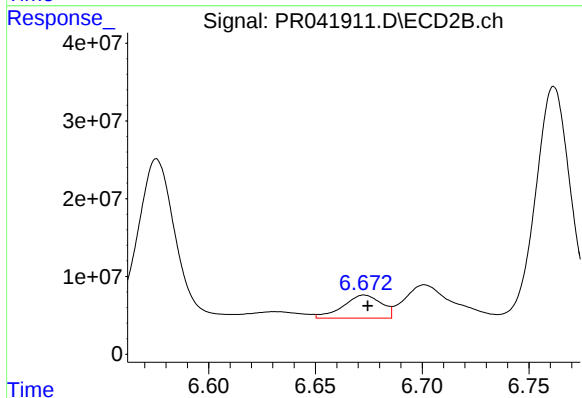
R.T.: 6.460 min
Delta R.T.: 0.014 min
Response: 229679016
Conc: 243.45 ng/ml



#29 AR-1254-4

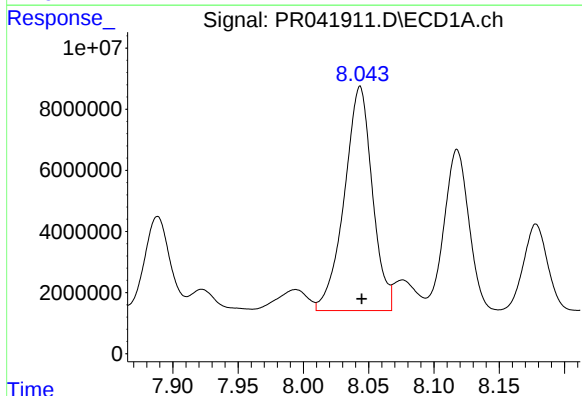
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 13551135
Conc: 66.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



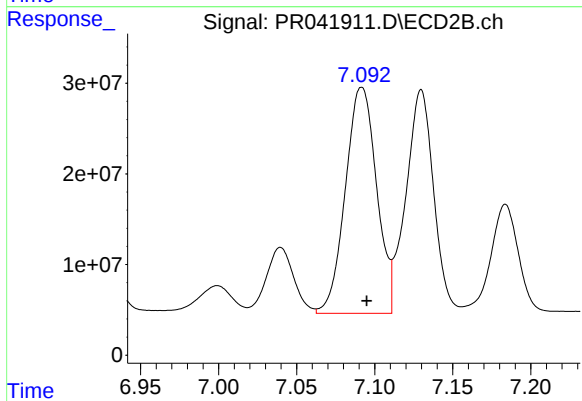
#29 AR-1254-4

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 37268347
Conc: 56.29 ng/ml



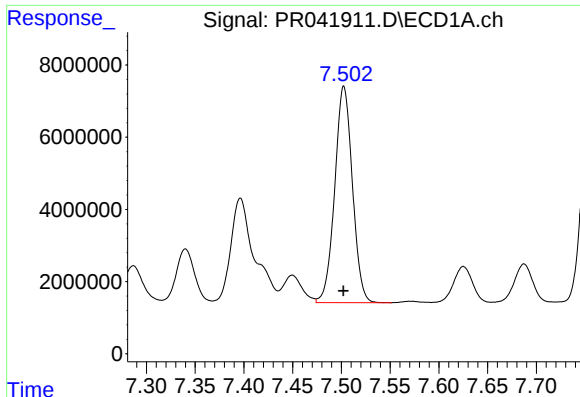
#30 AR-1254-5

R.T.: 8.043 min
Delta R.T.: -0.001 min
Response: 109557392
Conc: 515.19 ng/ml



#30 AR-1254-5

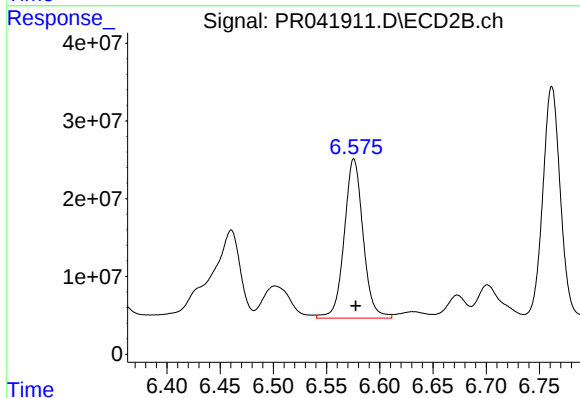
R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 347543086
Conc: 404.76 ng/ml



#31 AR-1260-1

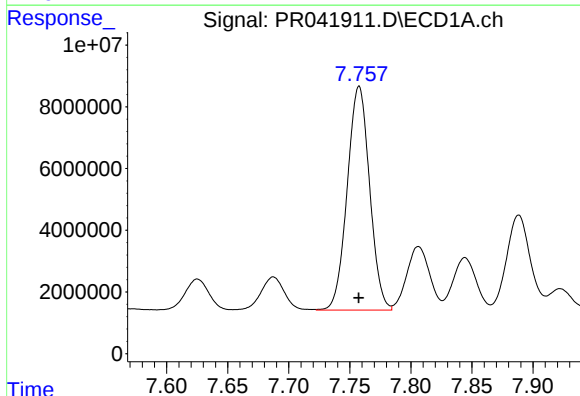
R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 75709615
Conc: 399.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



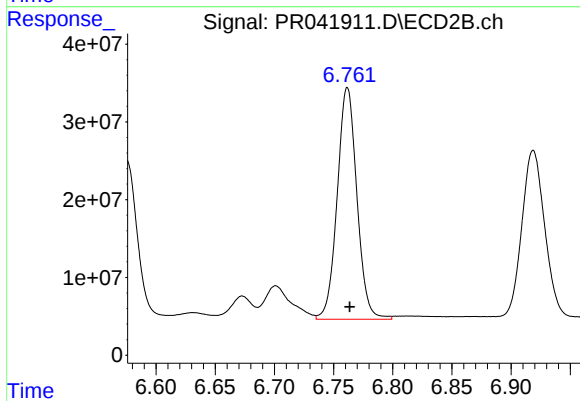
#31 AR-1260-1

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 253171731
Conc: 427.10 ng/ml



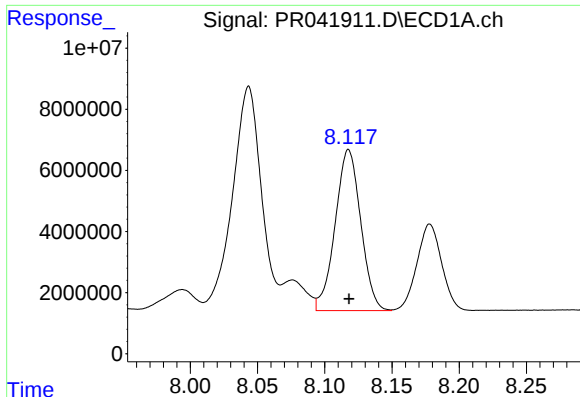
#32 AR-1260-2

R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 92538189
Conc: 391.51 ng/ml



#32 AR-1260-2

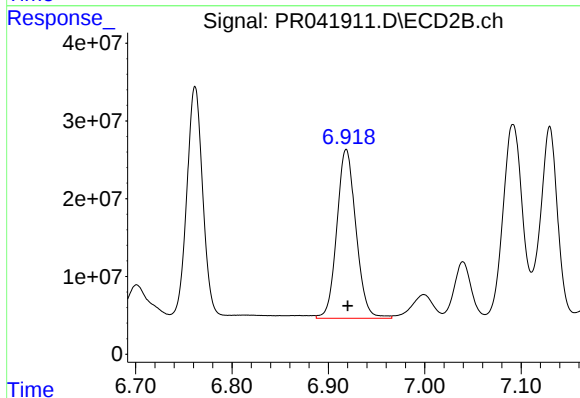
R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 344975089
Conc: 423.14 ng/ml



#33 AR-1260-3

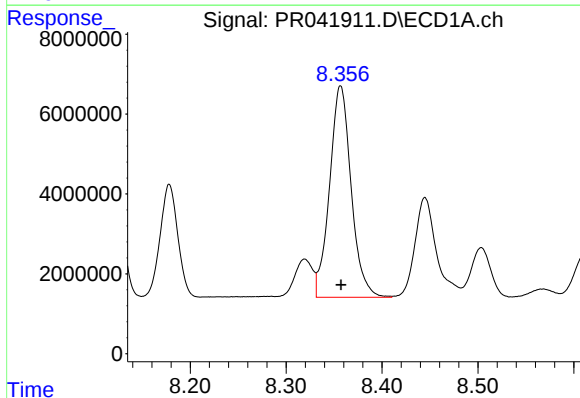
R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 69704362
Conc: 371.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



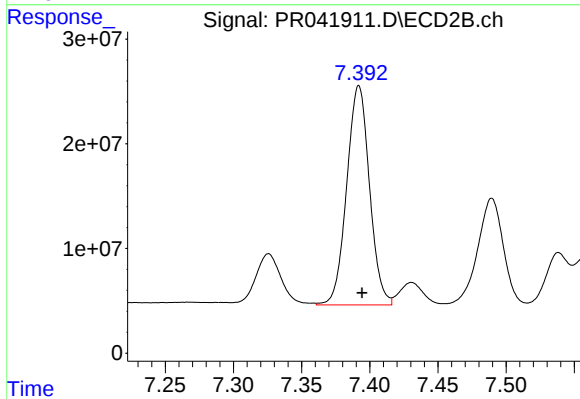
#33 AR-1260-3

R.T.: 6.919 min
Delta R.T.: -0.002 min
Response: 299268274
Conc: 432.90 ng/ml



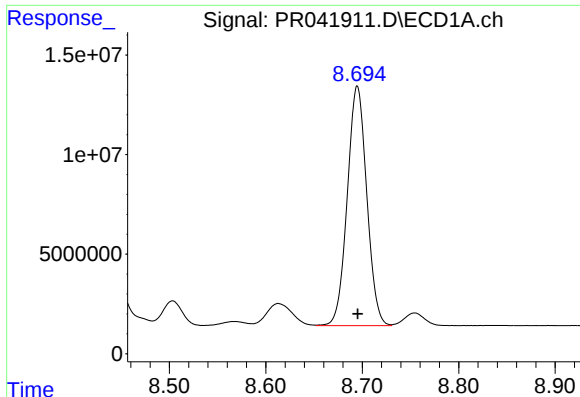
#34 AR-1260-4

R.T.: 8.357 min
Delta R.T.: 0.000 min
Response: 82802085
Conc: 412.02 ng/ml



#34 AR-1260-4

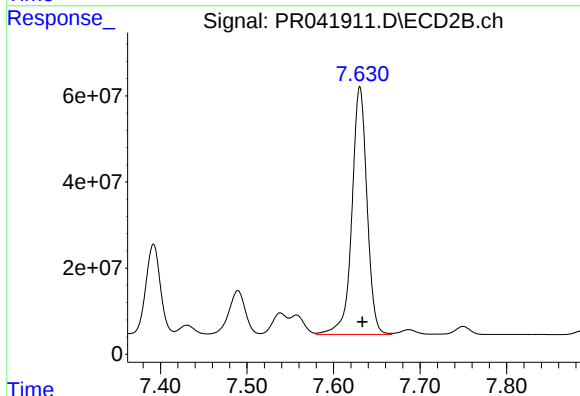
R.T.: 7.392 min
Delta R.T.: -0.002 min
Response: 243643497
Conc: 419.86 ng/ml



#35 AR-1260-5

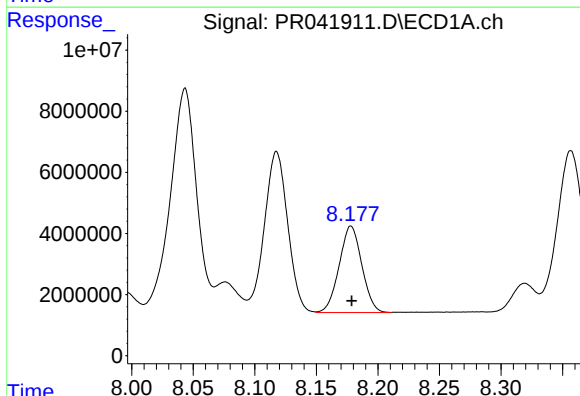
R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 168533096
Conc: 389.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



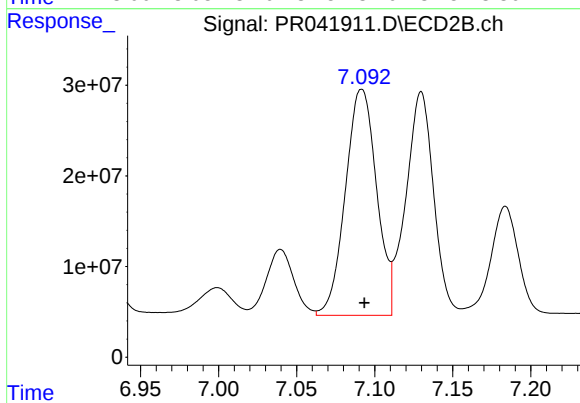
#35 AR-1260-5

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 697277475
Conc: 428.87 ng/ml



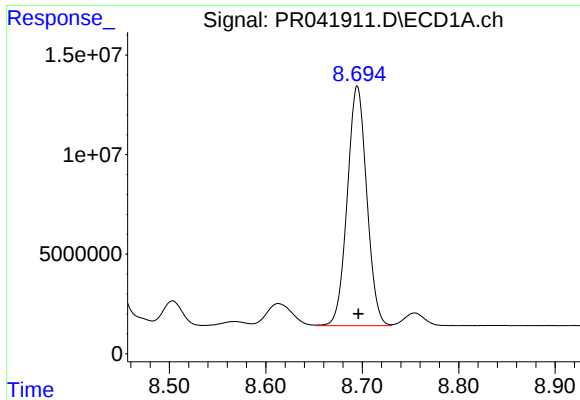
#36 AR-1262-1

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 36193350
Conc: 384.50 ng/ml



#36 AR-1262-1

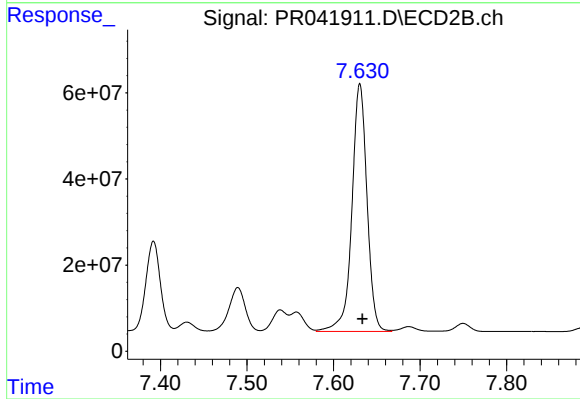
R.T.: 7.092 min
Delta R.T.: -0.002 min
Response: 347543086
Conc: 797.52 ng/ml



#37 AR-1262-2

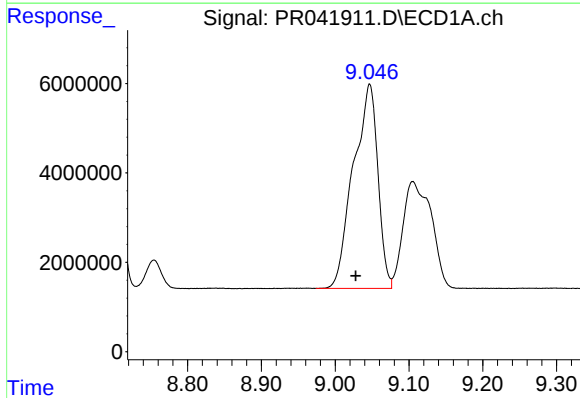
R.T.: 8.695 min
Delta R.T.: -0.001 min
Response: 168533096
Conc: 390.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



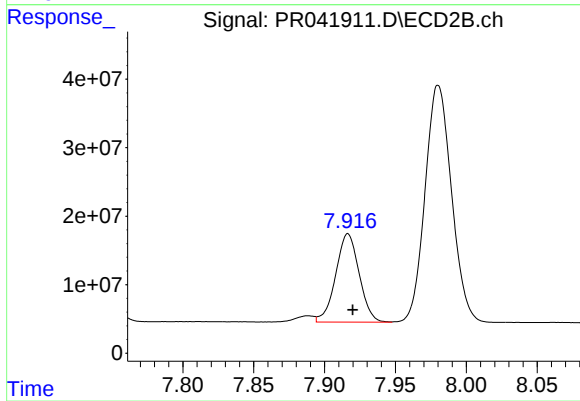
#37 AR-1262-2

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 697277475
Conc: 405.04 ng/ml



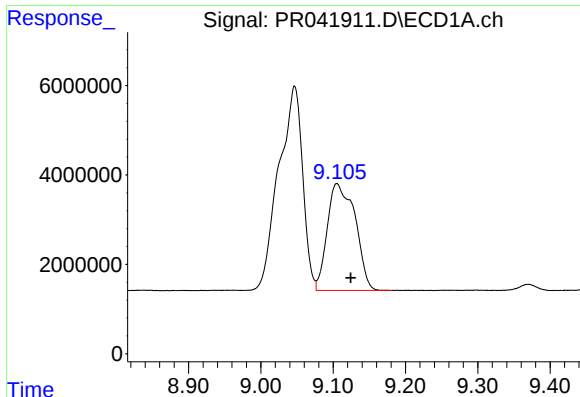
#38 AR-1262-3

R.T.: 9.047 min
Delta R.T.: 0.019 min
Response: 105196296
Conc: 377.39 ng/ml



#38 AR-1262-3

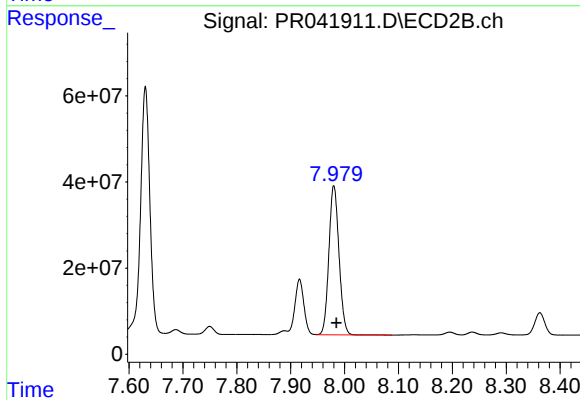
R.T.: 7.916 min
Delta R.T.: -0.003 min
Response: 149038757
Conc: 228.33 ng/ml



#39 AR-1262-4

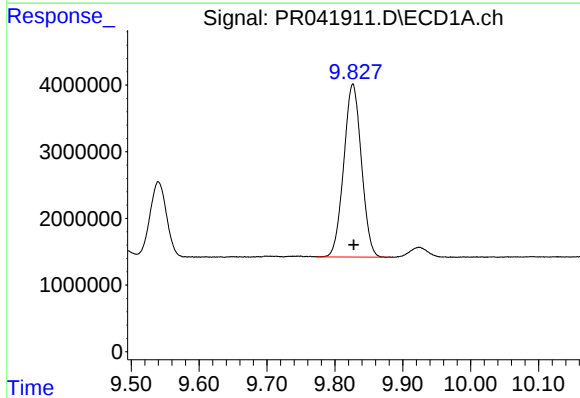
R.T.: 9.105 min
Delta R.T.: -0.019 min
Response: 63927709
Conc: 312.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



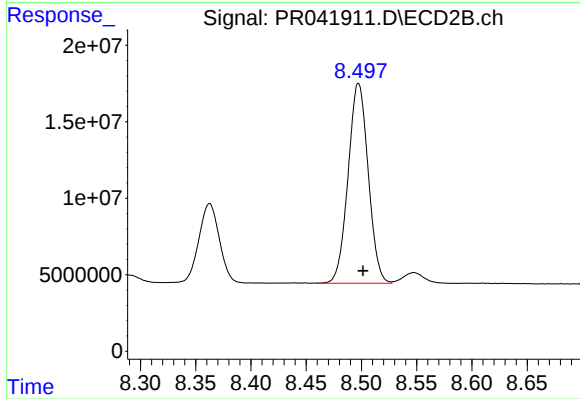
#39 AR-1262-4

R.T.: 7.980 min
Delta R.T.: -0.005 min
Response: 452283040
Conc: 387.04 ng/ml



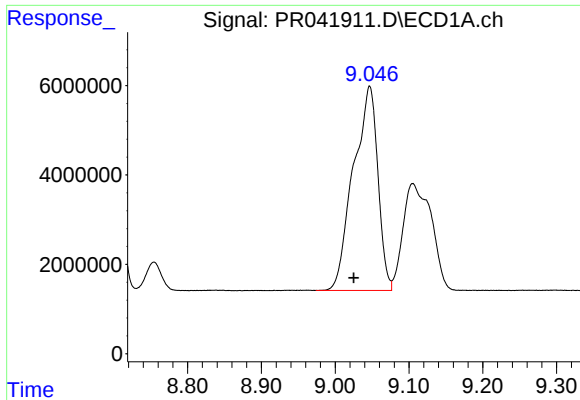
#40 AR-1262-5

R.T.: 9.827 min
Delta R.T.: -0.001 min
Response: 46809478
Conc: 324.50 ng/ml



#40 AR-1262-5

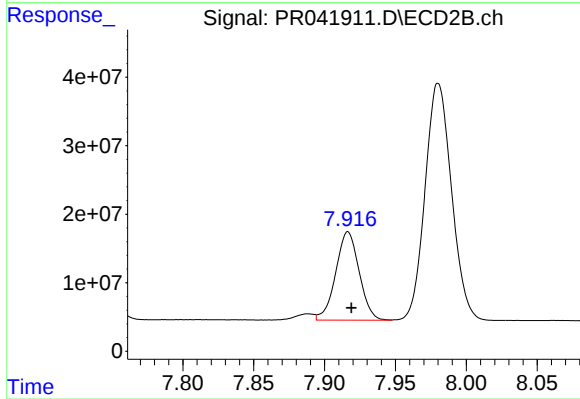
R.T.: 8.497 min
Delta R.T.: -0.004 min
Response: 165699361
Conc: 309.77 ng/ml



#41 AR-1268-1

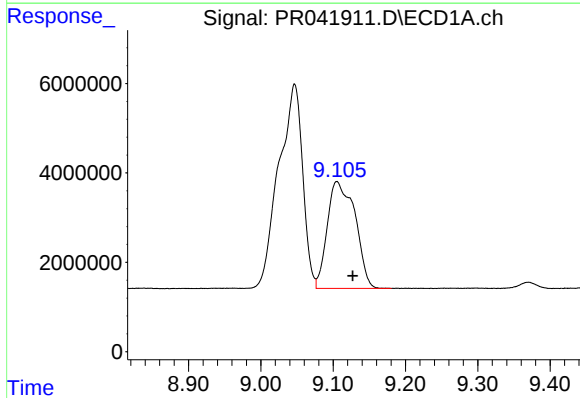
R.T.: 9.047 min
Delta R.T.: 0.022 min
Response: 105196296
Conc: 191.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



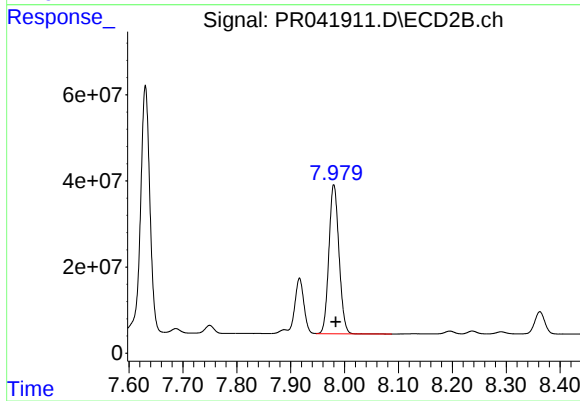
#41 AR-1268-1

R.T.: 7.916 min
Delta R.T.: -0.002 min
Response: 149038757
Conc: 67.97 ng/ml



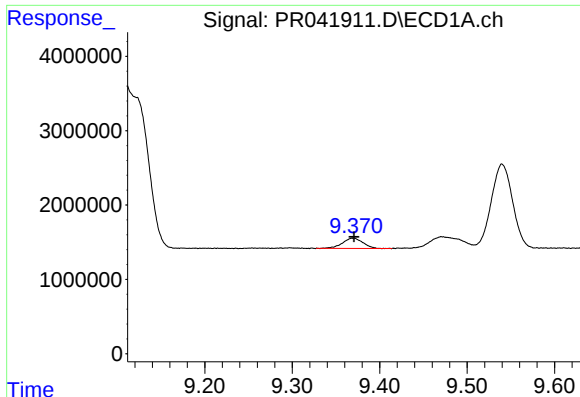
#42 AR-1268-2

R.T.: 9.105 min
Delta R.T.: -0.022 min
Response: 63927709
Conc: 128.58 ng/ml



#42 AR-1268-2

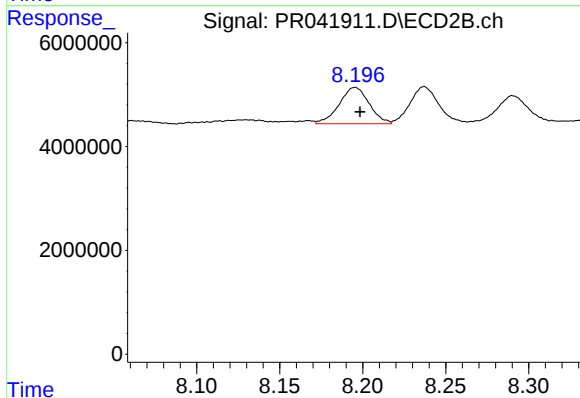
R.T.: 7.980 min
Delta R.T.: -0.003 min
Response: 452283040
Conc: 227.30 ng/ml



#43 AR-1268-3

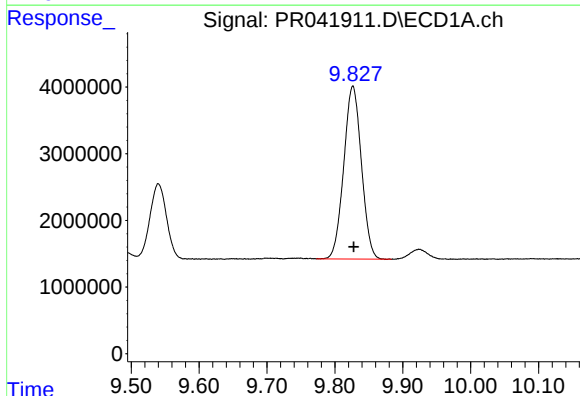
R.T.: 9.370 min
Delta R.T.: 0.000 min
Response: 2294458
Conc: 5.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



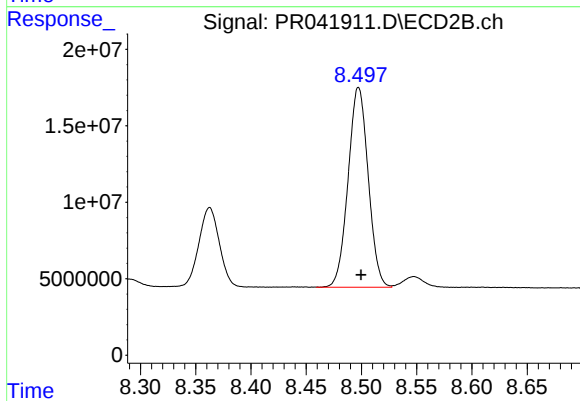
#43 AR-1268-3

R.T.: 8.195 min
Delta R.T.: -0.003 min
Response: 8792134
Conc: 5.25 ng/ml



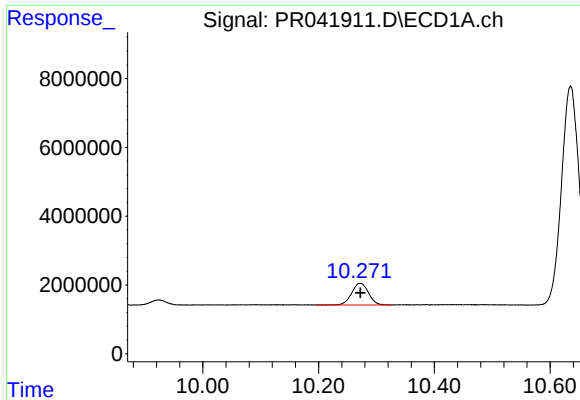
#44 AR-1268-4

R.T.: 9.827 min
Delta R.T.: -0.001 min
Response: 46809478
Conc: 266.80 ng/ml



#44 AR-1268-4

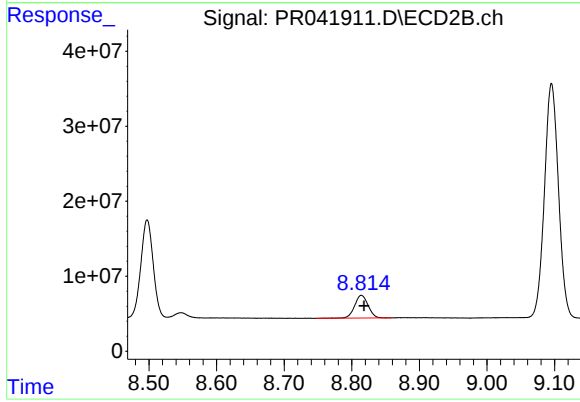
R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 165699361
Conc: 256.76 ng/ml



#45 AR-1268-5

R.T.: 10.272 min
Delta R.T.: 0.000 min
Response: 12657323
Conc: 9.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660366



#45 AR-1268-5

R.T.: 8.814 min
Delta R.T.: -0.004 min
Response: 42184780
Conc: 9.19 ng/ml