

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022724\
 Data File : PR065793.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2024 13:27
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603252

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 21:56:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021624CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Feb 17 06:03:42 2024
 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...	3.665	2.926	110.2E6	115.8E6	19.392	18.500
2)	SA Decachlor...	9.540	8.180	58938036	98689263	43.667	44.520
Target Compounds							
3)	L1 AR-1016-1	4.885	4.060	47667232	174.5E6	393.328	892.381 #
4)	L1 AR-1016-2	4.907	4.060	78008225	174.5E6	383.431	625.696 #
5)	L1 AR-1016-3	4.972	4.239	52491656	57237287	387.389	372.384
6)	L1 AR-1016-4	5.073	4.289	39917854	46580488	382.642	379.482
7)	L1 AR-1016-5	5.386	4.506	42787069	60440107	423.220	378.973
8)	L2 AR-1221-1	3.885	3.151	6490371	7584804	107.388	102.775
9)	L2 AR-1221-2	3.975	3.237	8206868	8893789	198.993	175.751
10)	L2 AR-1221-3	4.053	3.314	34376036	41486270	247.144	232.605
11)	L3 AR-1232-1	4.053	3.314	34376036	41486270	293.509	279.586
12)	L3 AR-1232-2	4.600	4.060	48418936	174.5E6	792.398	1272.025 #
13)	L3 AR-1232-3	4.907	4.239	78008225	57237287	798.605	783.290
14)	L3 AR-1232-4	5.073	4.331	39917854	54934169	827.288	883.854
15)	L3 AR-1232-5	5.175	4.506	34674375	60440107	962.219	853.624
16)	L4 AR-1242-1	4.885	4.060	47667232	174.5E6	462.866	1038.712 #
17)	L4 AR-1242-2	4.907	4.060	78008225	174.5E6	442.939	729.337 #
18)	L4 AR-1242-3	4.972	4.239	52491656	57237287	444.749	435.963
19)	L4 AR-1242-4	5.073	4.331	39917854	54934169	442.161	430.424
20)	L4 AR-1242-5	5.860	4.876	19217605	57612982	232.471	384.364 #
21)	L5 AR-1248-1	4.885	4.060	47667232	174.5E6	597.549	1324.150 #
22)	L5 AR-1248-2	5.175	4.289	34674375	46580488	262.121	244.514
23)	L5 AR-1248-3	5.386	4.331	42787069	54934169	285.653	283.735
24)	L5 AR-1248-4	5.819	4.506	15102167	60440107	112.053	260.666 #
25)	L5 AR-1248-5	5.860	4.919	19217605	13476549	131.440	65.615 #
26)	L6 AR-1254-1	5.788	4.876	40190720	57612982	245.246	171.225 #
27)	L6 AR-1254-2	6.026	5.035	42956905	41997939	179.896	142.779
28)	L6 AR-1254-3	6.415	5.477	12319591	79009242	54.574	174.755 #
29)	L6 AR-1254-4	6.723	5.703	5927514	5975472	47.360	24.370 #
30)	L6 AR-1254-5	7.177	6.147	81940947	144.8E6	527.416	379.201 #
31)	L7 AR-1260-1	6.594	5.597	71682374	118.4E6	410.608	400.219
32)	L7 AR-1260-2	6.875	5.802	73204717	137.4E6	408.608	407.760
33)	L7 AR-1260-3	7.263	5.960	59345200	130.2E6	419.519	400.174
34)	L7 AR-1260-4	7.504	6.466	64952860	108.1E6	424.294	417.900
35)	L7 AR-1260-5	7.841	6.730	103.3E6	230.9E6	405.357	432.782
36)	L8 AR-1262-1	7.263	6.192	59345200	114.6E6	272.808	279.792
37)	L8 AR-1262-2	7.841	6.730	103.3E6	230.9E6	344.724	360.780
38)	L8 AR-1262-3	8.151	7.036	63352033	48734249	308.952	185.657 #
39)	L8 AR-1262-4	8.228	7.102	42520140	162.7E6	258.594	355.172 #
40)	L8 AR-1262-5	8.849	7.639	24492038	52992882	282.659	274.690
41)	L9 AR-1268-1	8.151	7.036	63352033	48734249	155.069	62.131 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022724\
Data File : PR065793.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2024 13:27
Operator : AJ\MA
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16603252

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 21:56:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021624CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Feb 17 06:03:42 2024
Response via : Initial Calibration
Integrator: ChemStation

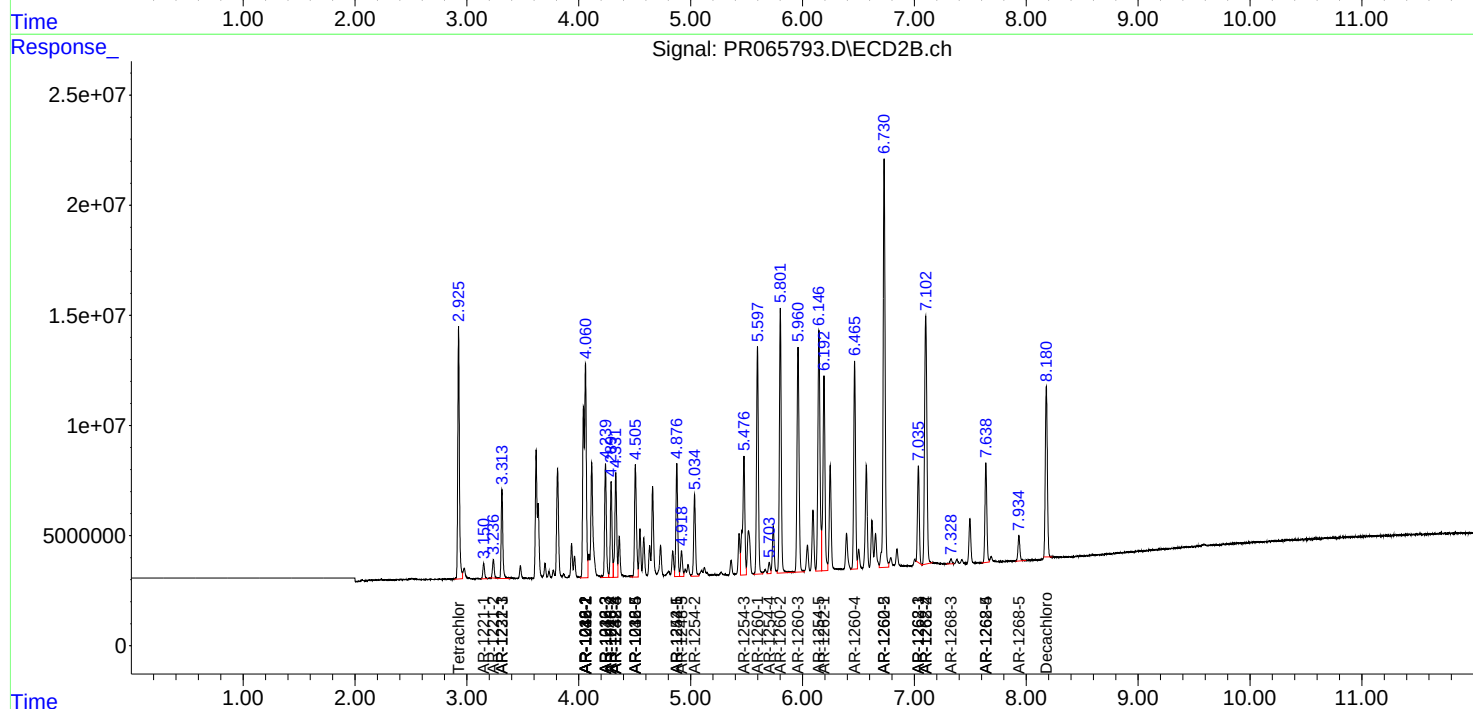
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

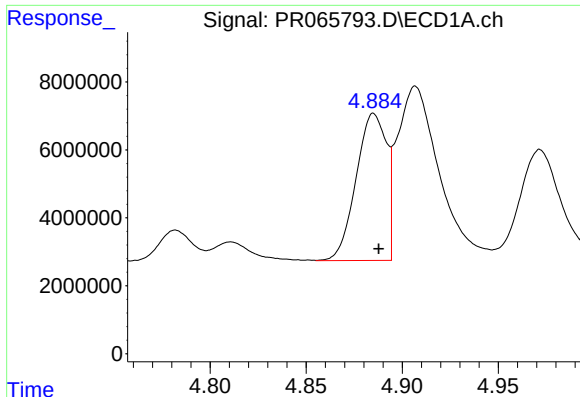
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.228	7.102	42520140	162.7E6	116.173	231.311 #
43) L9	AR-1268-3	8.449	7.328	1295995	2718497	3.931	4.203
44) L9	AR-1268-4	8.849	7.639	24492038	52992882	243.275	233.201
45) L9	AR-1268-5	9.231	7.935	6822535	13838079	7.724	8.550

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

Instrument :
ECD_R
ClientSampleId :
AR16603252

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

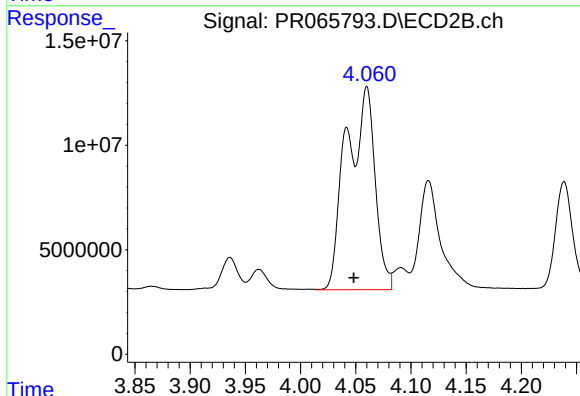




#3 AR-1016-1

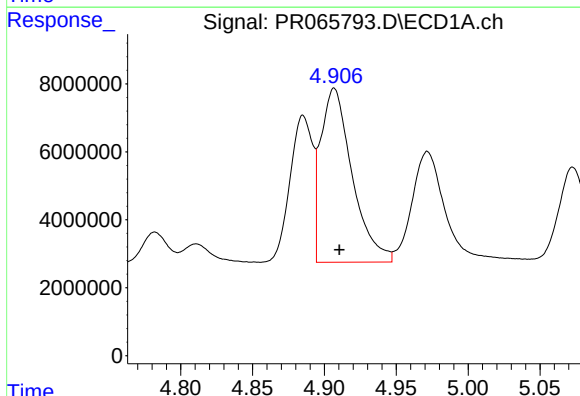
R.T.: 4.885 min
Delta R.T.: -0.003 min
Response: 47667232
Conc: 393.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



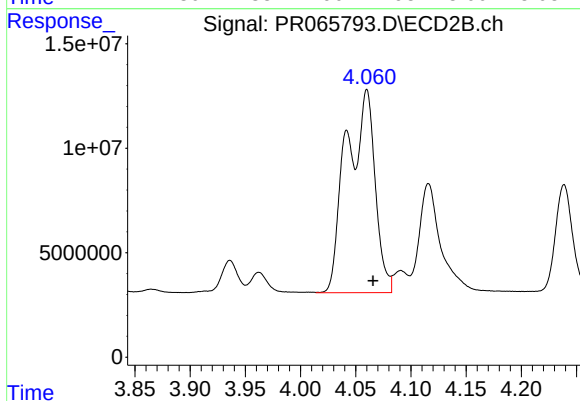
#3 AR-1016-1

R.T.: 4.060 min
Delta R.T.: 0.012 min
Response: 174544080
Conc: 892.38 ng/ml



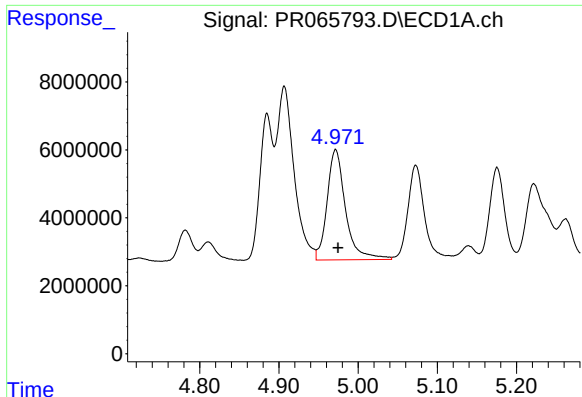
#4 AR-1016-2

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 78008225
Conc: 383.43 ng/ml



#4 AR-1016-2

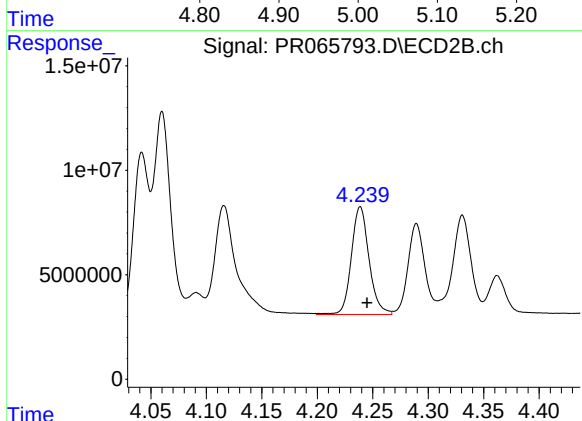
R.T.: 4.060 min
Delta R.T.: -0.006 min
Response: 174544080
Conc: 625.70 ng/ml



#5 AR-1016-3

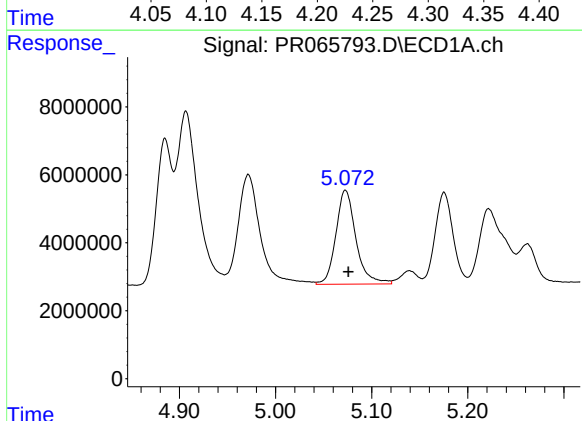
R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 52491656
Conc: 387.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



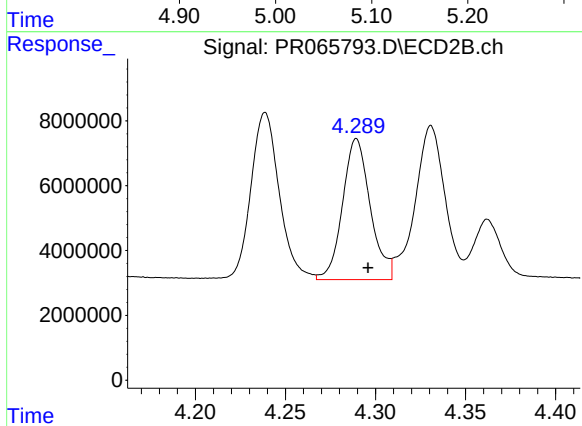
#5 AR-1016-3

R.T.: 4.239 min
Delta R.T.: -0.006 min
Response: 57237287
Conc: 372.38 ng/ml



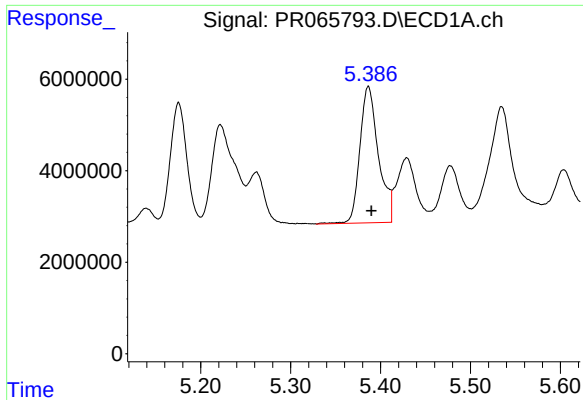
#6 AR-1016-4

R.T.: 5.073 min
Delta R.T.: -0.003 min
Response: 39917854
Conc: 382.64 ng/ml



#6 AR-1016-4

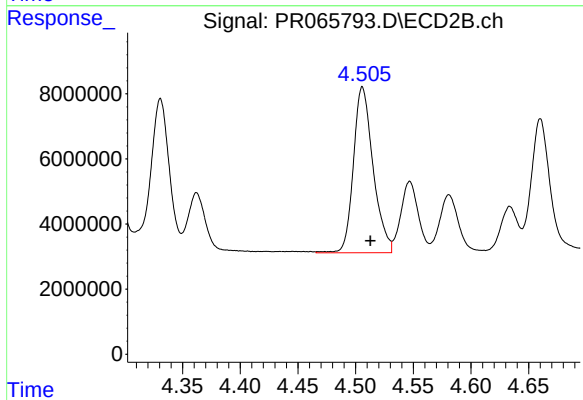
R.T.: 4.289 min
Delta R.T.: -0.006 min
Response: 46580488
Conc: 379.48 ng/ml



#7 AR-1016-5

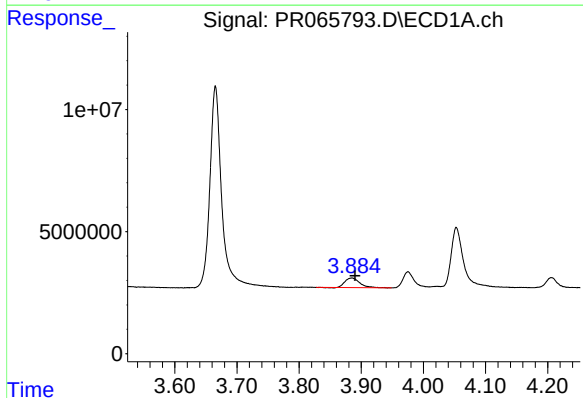
R.T.: 5.386 min
Delta R.T.: -0.003 min
Response: 42787069
Conc: 423.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



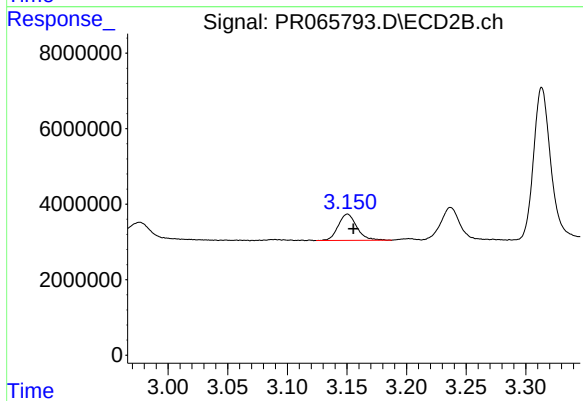
#7 AR-1016-5

R.T.: 4.506 min
Delta R.T.: -0.007 min
Response: 60440107
Conc: 378.97 ng/ml



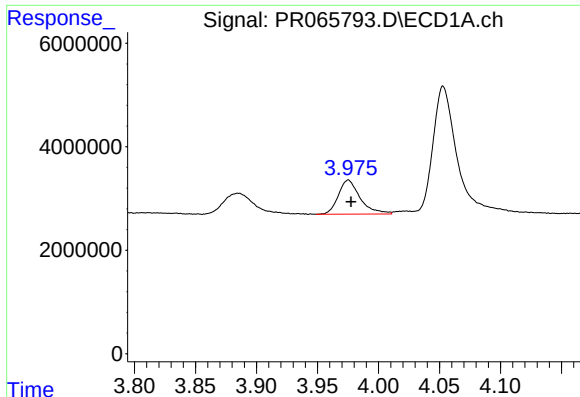
#8 AR-1221-1

R.T.: 3.885 min
Delta R.T.: -0.005 min
Response: 6490371
Conc: 107.39 ng/ml



#8 AR-1221-1

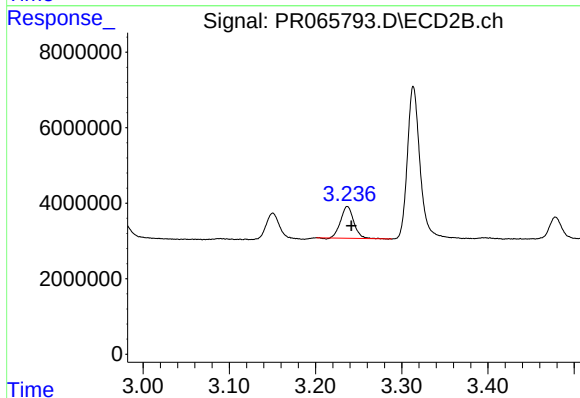
R.T.: 3.151 min
Delta R.T.: -0.005 min
Response: 7584804
Conc: 102.78 ng/ml



#9 AR-1221-2

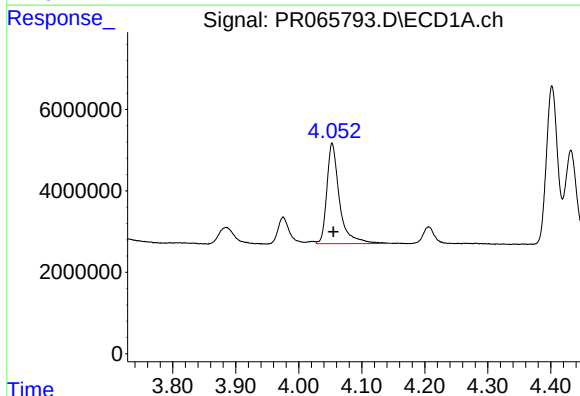
R.T.: 3.975 min
Delta R.T.: -0.002 min
Response: 8206868
Conc: 198.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



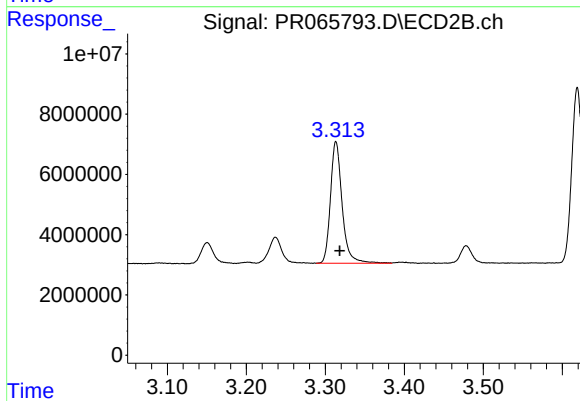
#9 AR-1221-2

R.T.: 3.237 min
Delta R.T.: -0.005 min
Response: 8893789
Conc: 175.75 ng/ml



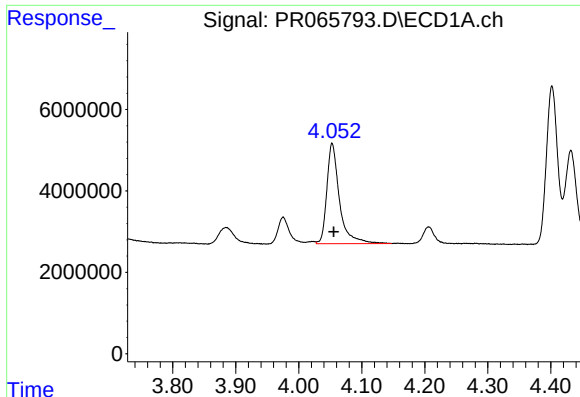
#10 AR-1221-3

R.T.: 4.053 min
Delta R.T.: -0.002 min
Response: 34376036
Conc: 247.14 ng/ml



#10 AR-1221-3

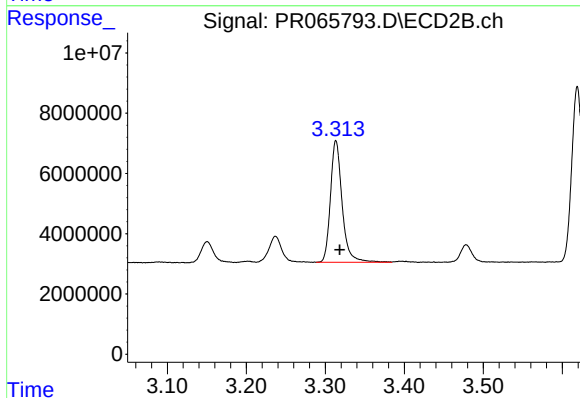
R.T.: 3.314 min
Delta R.T.: -0.005 min
Response: 41486270
Conc: 232.61 ng/ml



#11 AR-1232-1

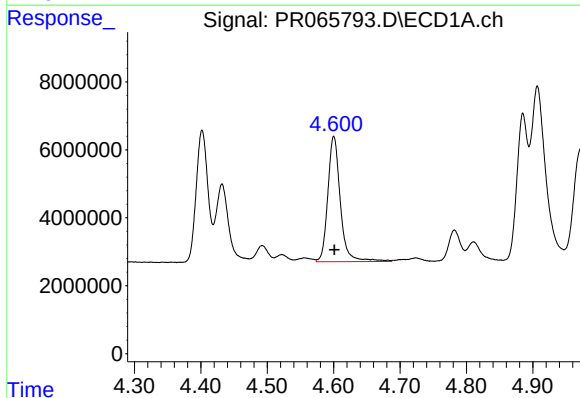
R.T.: 4.053 min
Delta R.T.: -0.003 min
Response: 34376036
Conc: 293.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



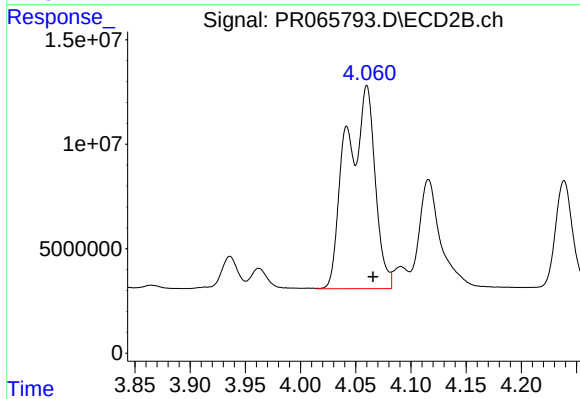
#11 AR-1232-1

R.T.: 3.314 min
Delta R.T.: -0.005 min
Response: 41486270
Conc: 279.59 ng/ml



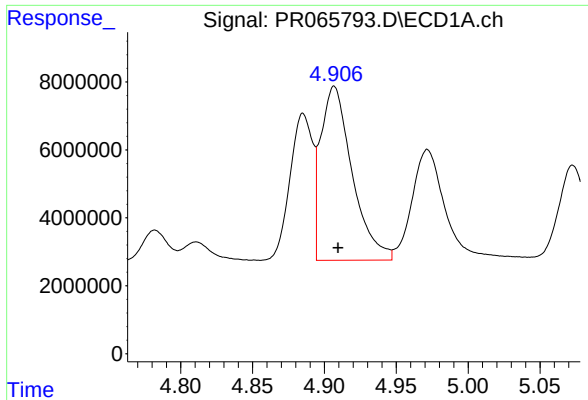
#12 AR-1232-2

R.T.: 4.600 min
Delta R.T.: -0.001 min
Response: 48418936
Conc: 792.40 ng/ml



#12 AR-1232-2

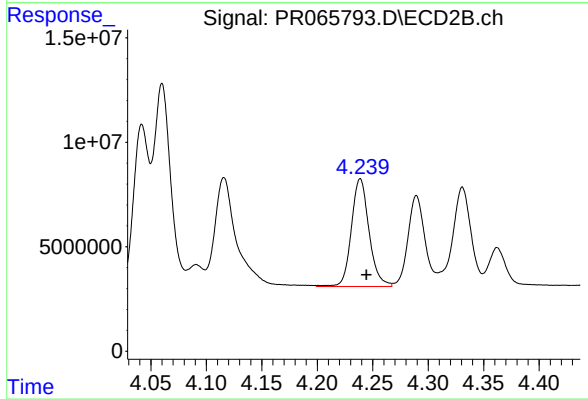
R.T.: 4.060 min
Delta R.T.: -0.006 min
Response: 174544080
Conc: 1272.02 ng/ml



#13 AR-1232-3

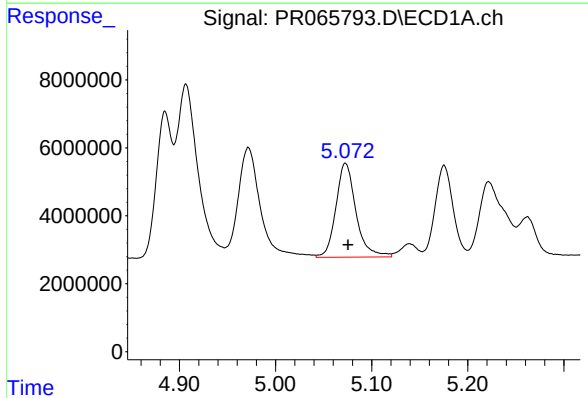
R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 78008225
Conc: 798.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



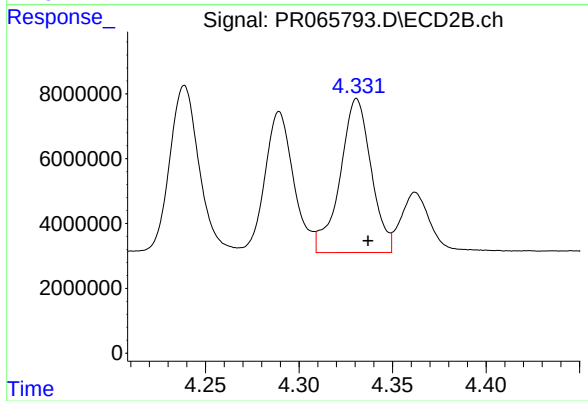
#13 AR-1232-3

R.T.: 4.239 min
Delta R.T.: -0.006 min
Response: 57237287
Conc: 783.29 ng/ml



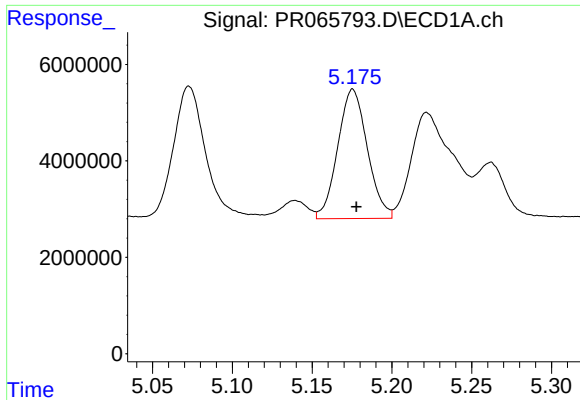
#14 AR-1232-4

R.T.: 5.073 min
Delta R.T.: -0.003 min
Response: 39917854
Conc: 827.29 ng/ml



#14 AR-1232-4

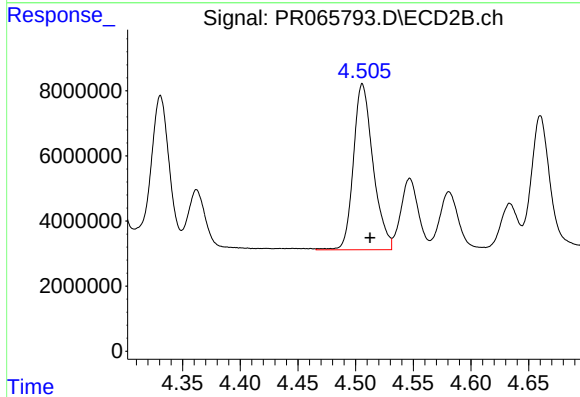
R.T.: 4.331 min
Delta R.T.: -0.006 min
Response: 54934169
Conc: 883.85 ng/ml



#15 AR-1232-5

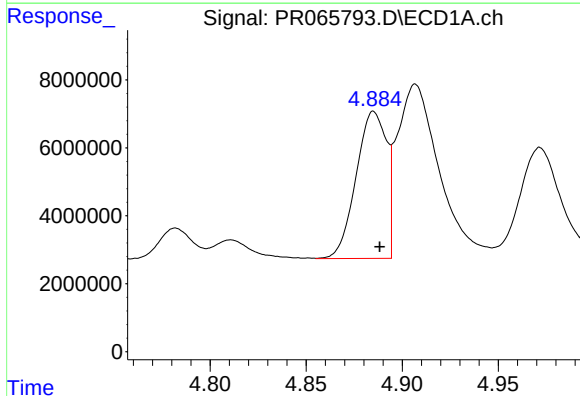
R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 34674375
Conc: 962.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



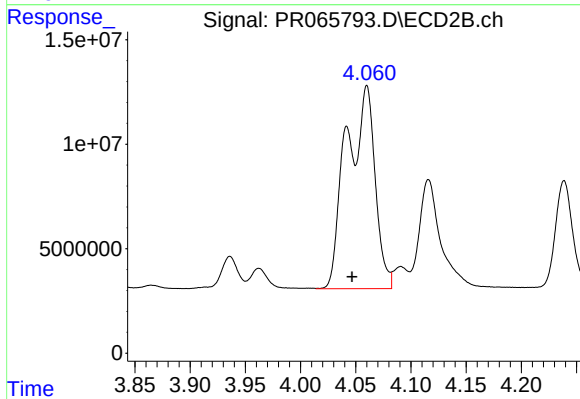
#15 AR-1232-5

R.T.: 4.506 min
Delta R.T.: -0.007 min
Response: 60440107
Conc: 853.62 ng/ml



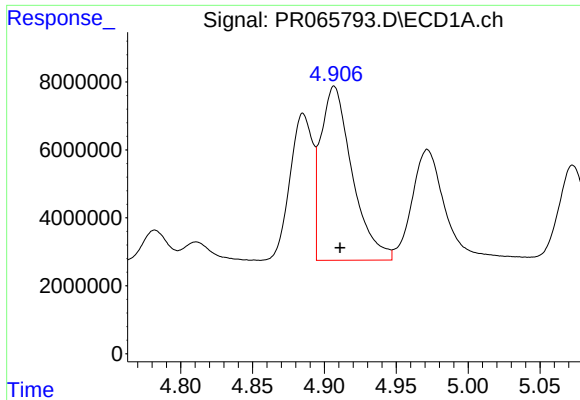
#16 AR-1242-1

R.T.: 4.885 min
Delta R.T.: -0.003 min
Response: 47667232
Conc: 462.87 ng/ml



#16 AR-1242-1

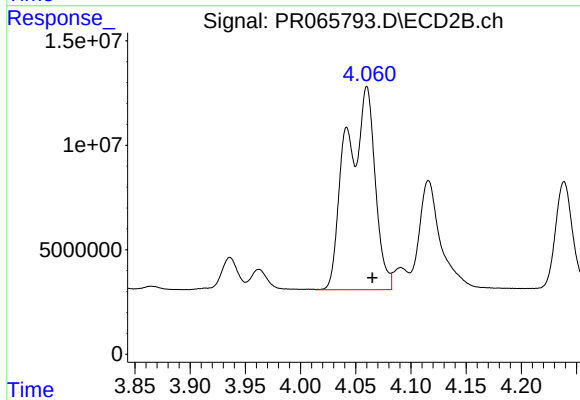
R.T.: 4.060 min
Delta R.T.: 0.013 min
Response: 174544080
Conc: 1038.71 ng/ml



#17 AR-1242-2

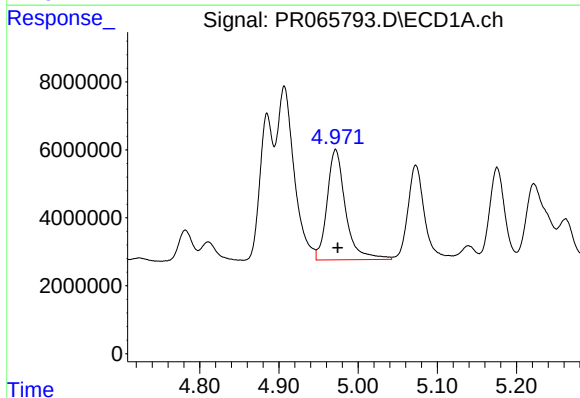
R.T.: 4.907 min
Delta R.T.: -0.004 min
Response: 78008225
Conc: 442.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



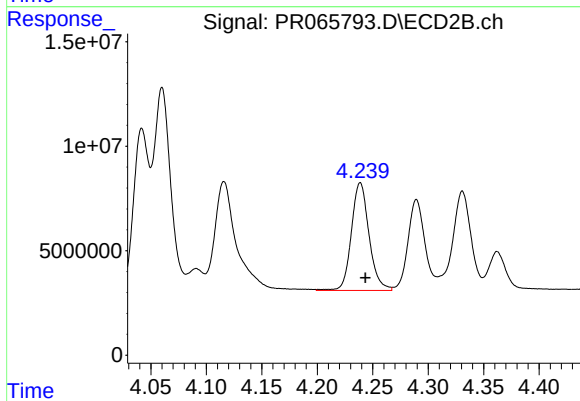
#17 AR-1242-2

R.T.: 4.060 min
Delta R.T.: -0.005 min
Response: 174544080
Conc: 729.34 ng/ml



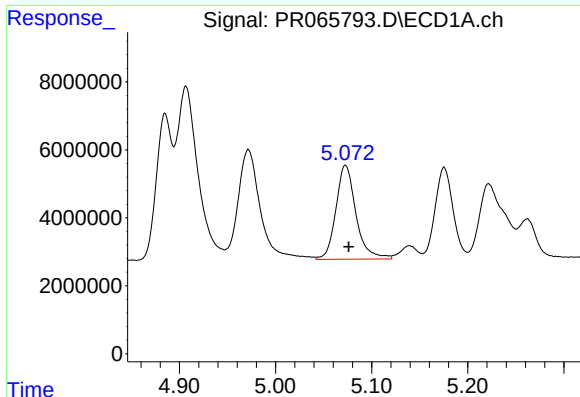
#18 AR-1242-3

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 52491656
Conc: 444.75 ng/ml



#18 AR-1242-3

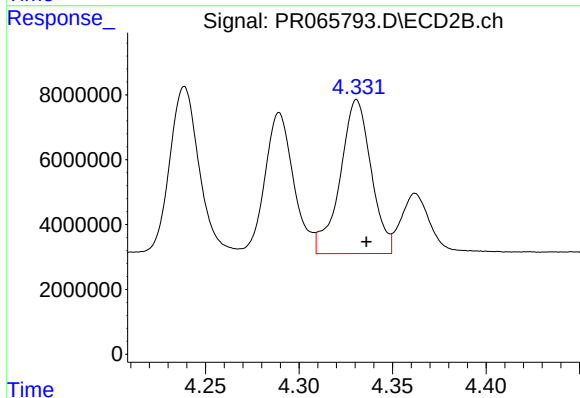
R.T.: 4.239 min
Delta R.T.: -0.005 min
Response: 57237287
Conc: 435.96 ng/ml



#19 AR-1242-4

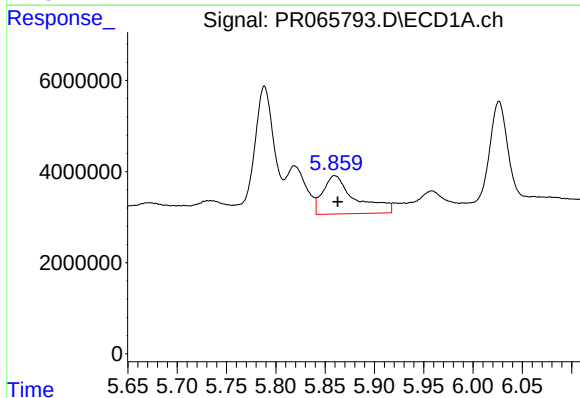
R.T.: 5.073 min
Delta R.T.: -0.003 min
Response: 39917854
Conc: 442.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



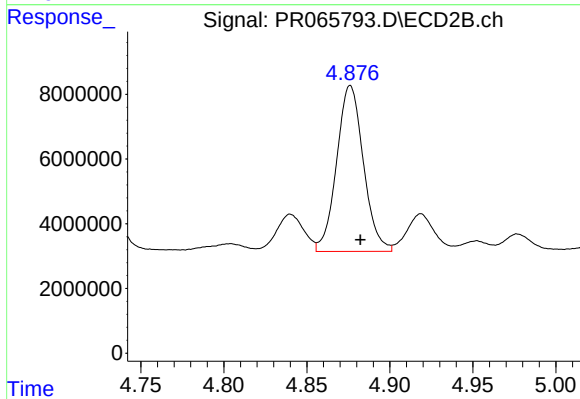
#19 AR-1242-4

R.T.: 4.331 min
Delta R.T.: -0.005 min
Response: 54934169
Conc: 430.42 ng/ml



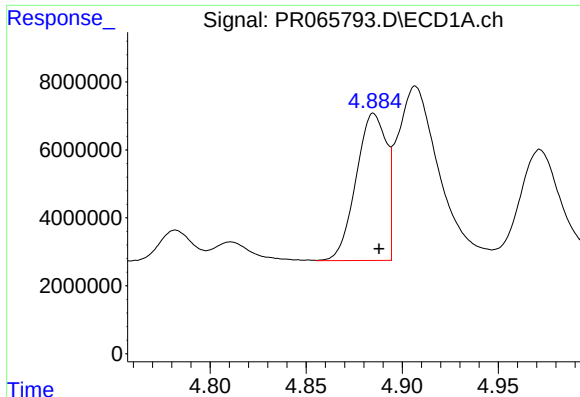
#20 AR-1242-5

R.T.: 5.860 min
Delta R.T.: -0.003 min
Response: 19217605
Conc: 232.47 ng/ml



#20 AR-1242-5

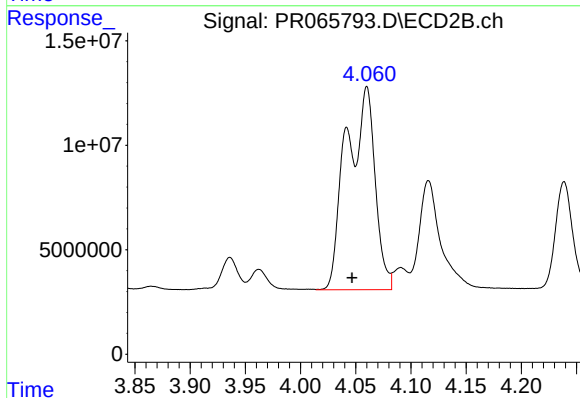
R.T.: 4.876 min
Delta R.T.: -0.006 min
Response: 57612982
Conc: 384.36 ng/ml



#21 AR-1248-1

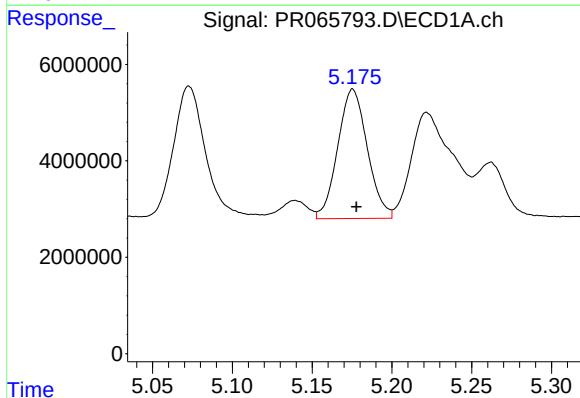
R.T.: 4.885 min
Delta R.T.: -0.003 min
Response: 47667232
Conc: 597.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



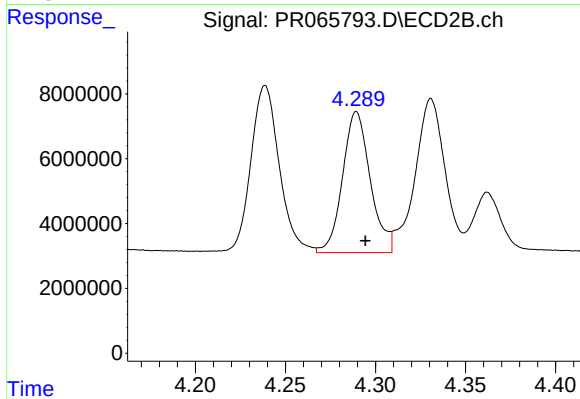
#21 AR-1248-1

R.T.: 4.060 min
Delta R.T.: 0.013 min
Response: 174544080
Conc: 1324.15 ng/ml



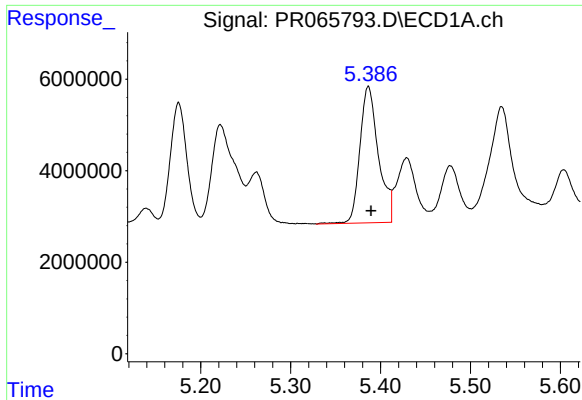
#22 AR-1248-2

R.T.: 5.175 min
Delta R.T.: -0.002 min
Response: 34674375
Conc: 262.12 ng/ml



#22 AR-1248-2

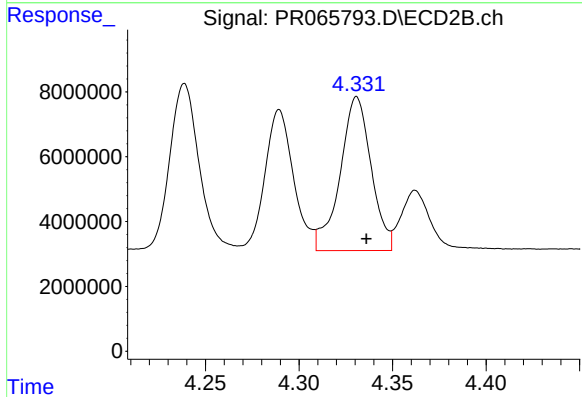
R.T.: 4.289 min
Delta R.T.: -0.005 min
Response: 46580488
Conc: 244.51 ng/ml



#23 AR-1248-3

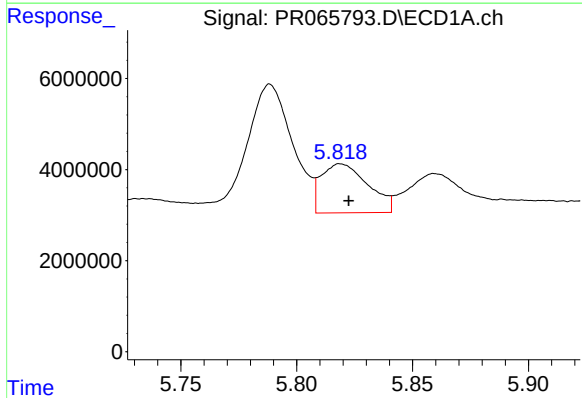
R.T.: 5.386 min
Delta R.T.: -0.003 min
Response: 42787069
Conc: 285.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



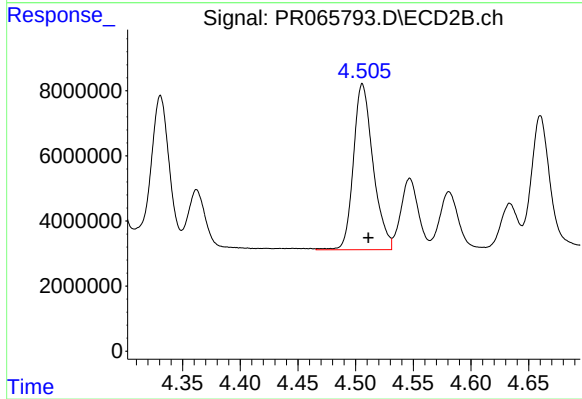
#23 AR-1248-3

R.T.: 4.331 min
Delta R.T.: -0.005 min
Response: 54934169
Conc: 283.74 ng/ml



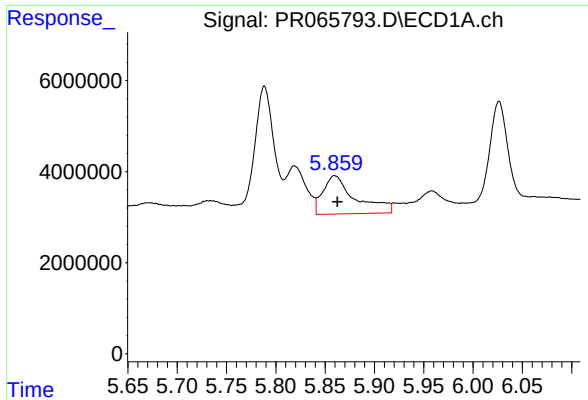
#24 AR-1248-4

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 15102167
Conc: 112.05 ng/ml



#24 AR-1248-4

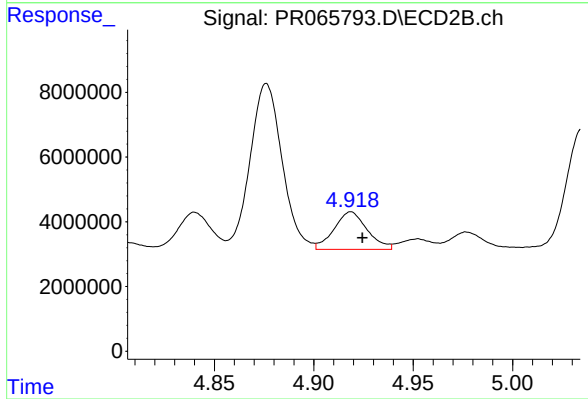
R.T.: 4.506 min
Delta R.T.: -0.005 min
Response: 60440107
Conc: 260.67 ng/ml



#25 AR-1248-5

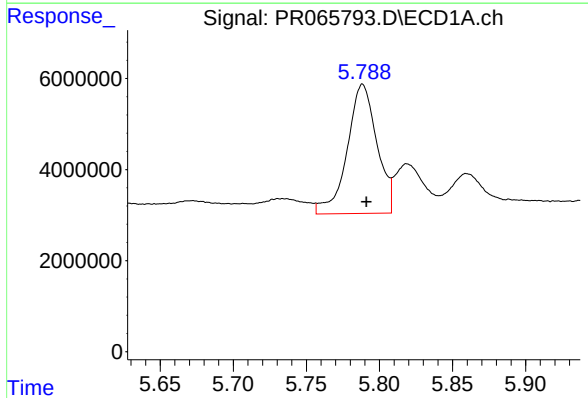
R.T.: 5.860 min
Delta R.T.: -0.003 min
Response: 19217605
Conc: 131.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



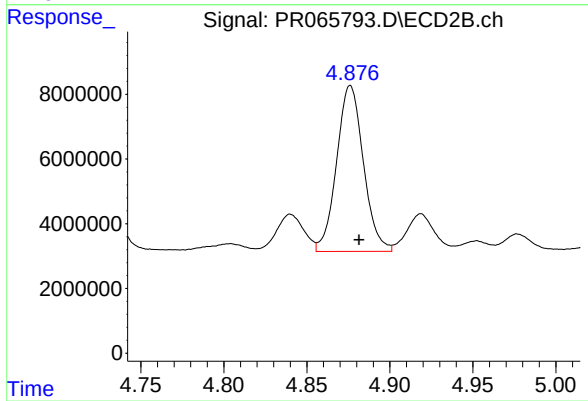
#25 AR-1248-5

R.T.: 4.919 min
Delta R.T.: -0.006 min
Response: 13476549
Conc: 65.61 ng/ml



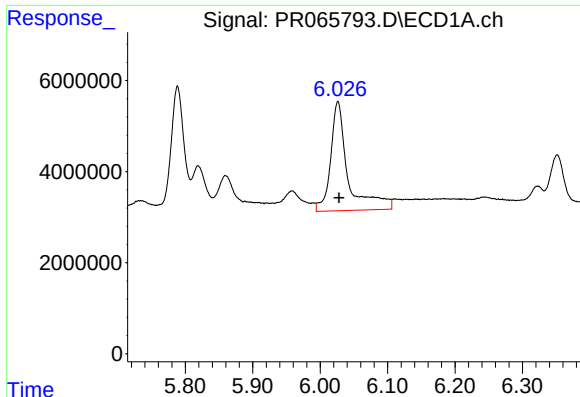
#26 AR-1254-1

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 40190720
Conc: 245.25 ng/ml



#26 AR-1254-1

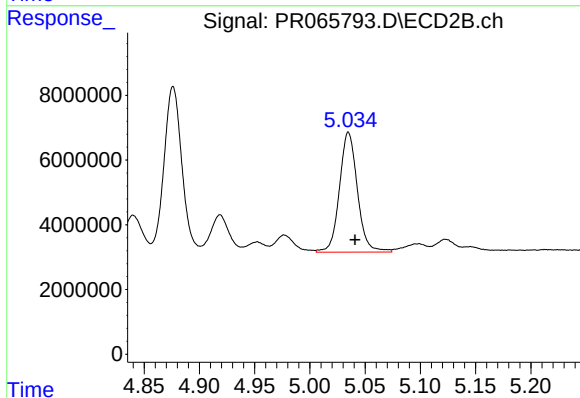
R.T.: 4.876 min
Delta R.T.: -0.005 min
Response: 57612982
Conc: 171.23 ng/ml



#27 AR-1254-2

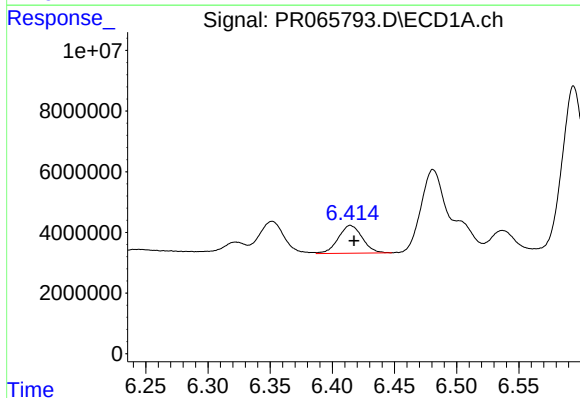
R.T.: 6.026 min
Delta R.T.: -0.001 min
Response: 42956905
Conc: 179.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



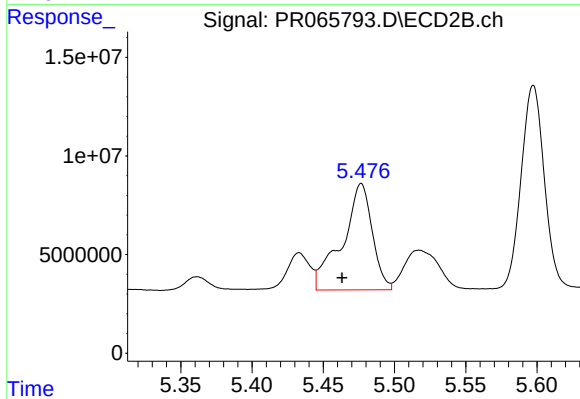
#27 AR-1254-2

R.T.: 5.035 min
Delta R.T.: -0.006 min
Response: 41997939
Conc: 142.78 ng/ml



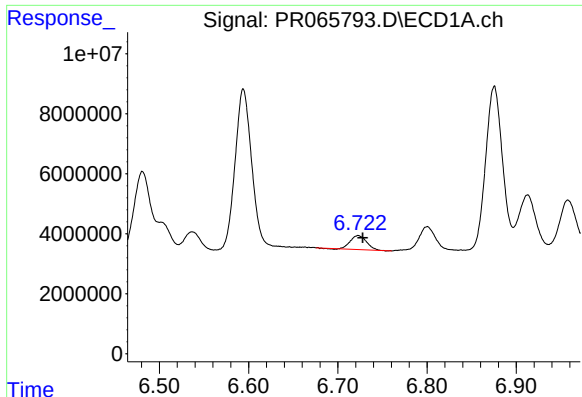
#28 AR-1254-3

R.T.: 6.415 min
Delta R.T.: -0.003 min
Response: 12319591
Conc: 54.57 ng/ml



#28 AR-1254-3

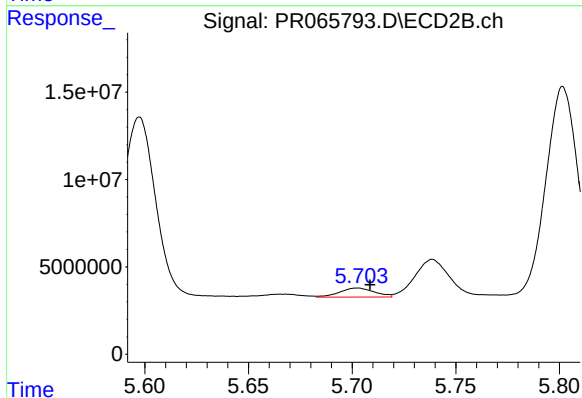
R.T.: 5.477 min
Delta R.T.: 0.013 min
Response: 79009242
Conc: 174.76 ng/ml



#29 AR-1254-4

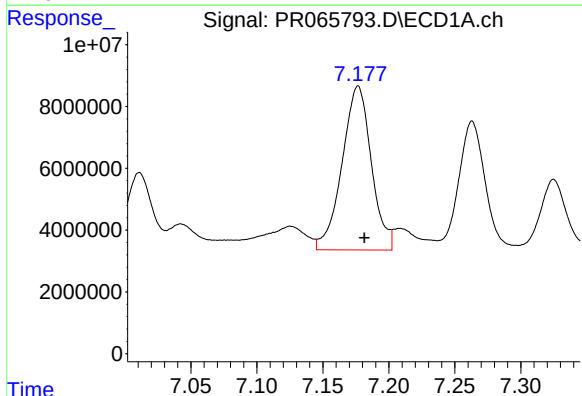
R.T.: 6.723 min
Delta R.T.: -0.005 min
Response: 5927514
Conc: 47.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



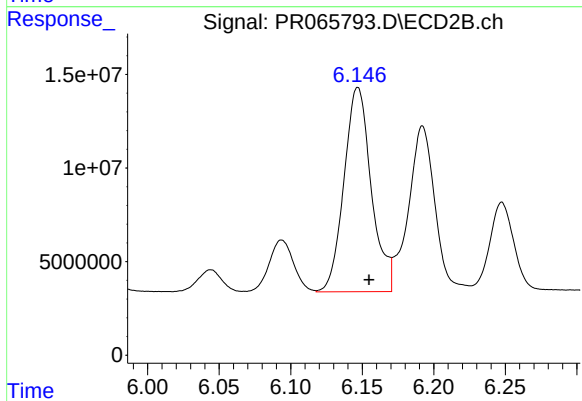
#29 AR-1254-4

R.T.: 5.703 min
Delta R.T.: -0.006 min
Response: 5975472
Conc: 24.37 ng/ml



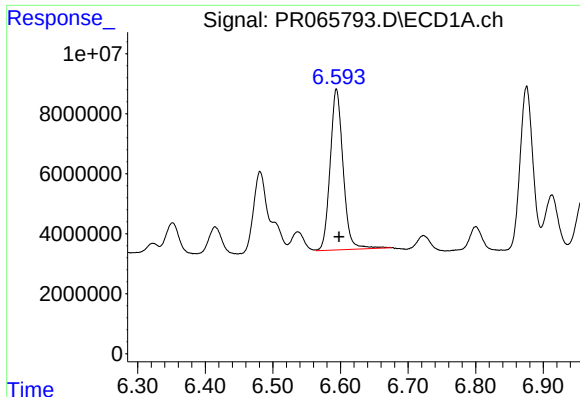
#30 AR-1254-5

R.T.: 7.177 min
Delta R.T.: -0.005 min
Response: 81940947
Conc: 527.42 ng/ml



#30 AR-1254-5

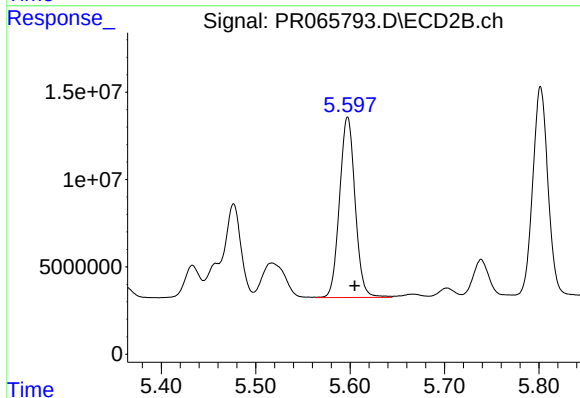
R.T.: 6.147 min
Delta R.T.: -0.008 min
Response: 144836017
Conc: 379.20 ng/ml



#31 AR-1260-1

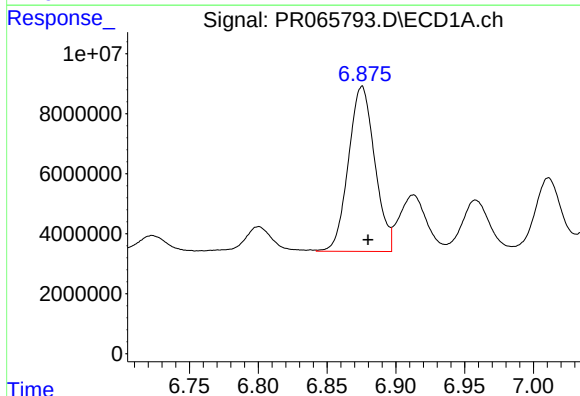
R.T.: 6.594 min
Delta R.T.: -0.004 min
Response: 71682374
Conc: 410.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



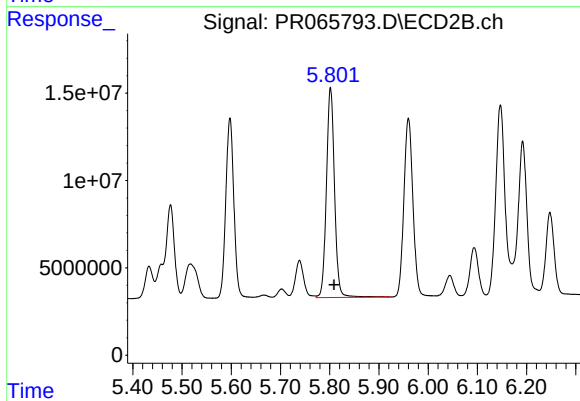
#31 AR-1260-1

R.T.: 5.597 min
Delta R.T.: -0.008 min
Response: 118401467
Conc: 400.22 ng/ml



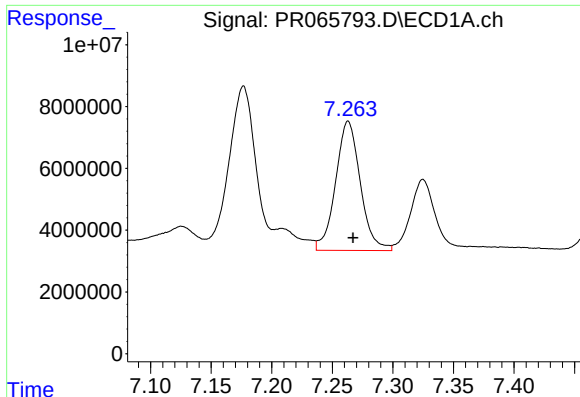
#32 AR-1260-2

R.T.: 6.875 min
Delta R.T.: -0.004 min
Response: 73204717
Conc: 408.61 ng/ml



#32 AR-1260-2

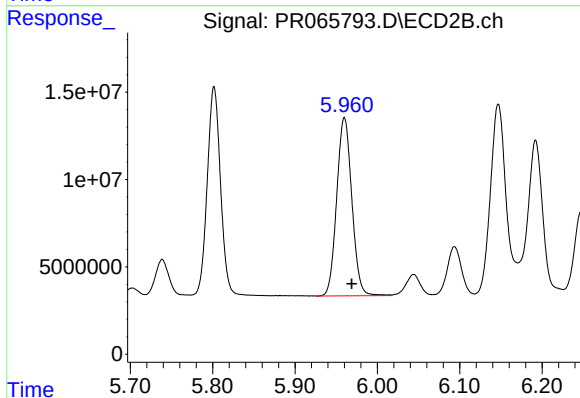
R.T.: 5.802 min
Delta R.T.: -0.007 min
Response: 137394773
Conc: 407.76 ng/ml



#33 AR-1260-3

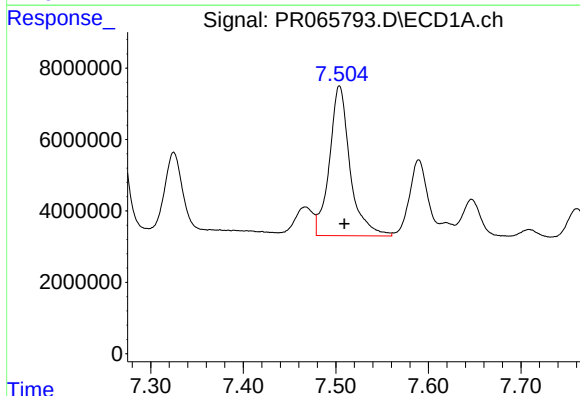
R.T.: 7.263 min
Delta R.T.: -0.004 min
Response: 59345200
Conc: 419.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



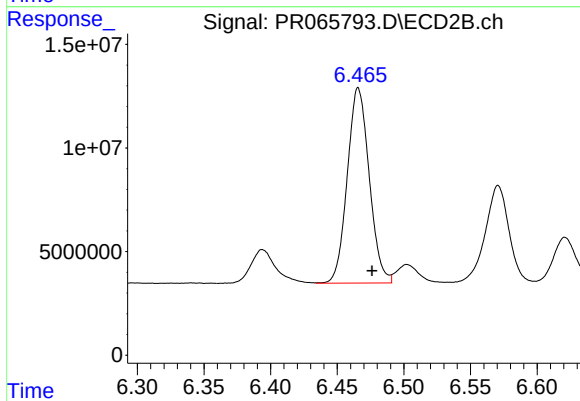
#33 AR-1260-3

R.T.: 5.960 min
Delta R.T.: -0.009 min
Response: 130166506
Conc: 400.17 ng/ml



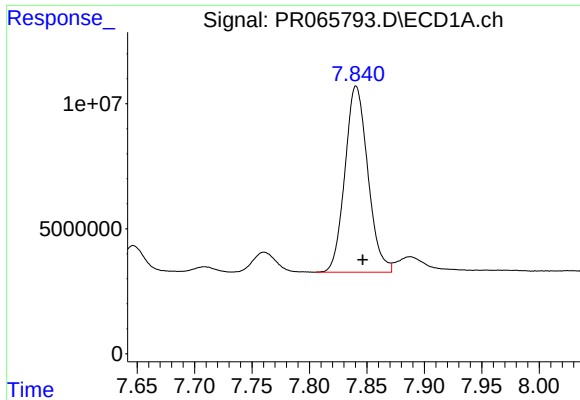
#34 AR-1260-4

R.T.: 7.504 min
Delta R.T.: -0.005 min
Response: 64952860
Conc: 424.29 ng/ml



#34 AR-1260-4

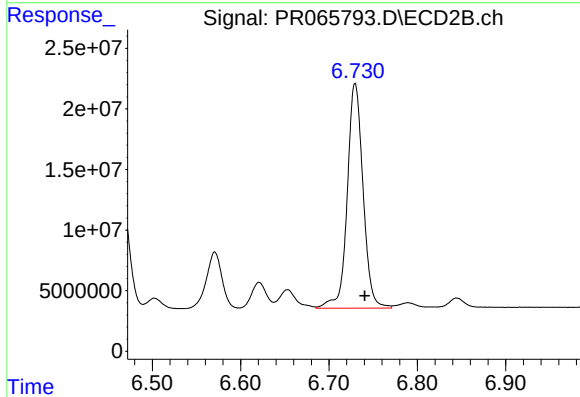
R.T.: 6.466 min
Delta R.T.: -0.010 min
Response: 108067594
Conc: 417.90 ng/ml



#35 AR-1260-5

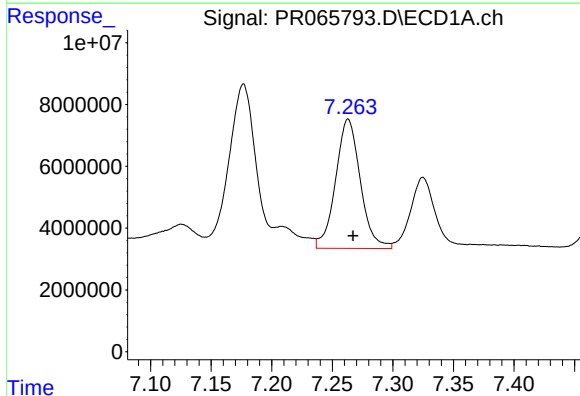
R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 103334298
Conc: 405.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



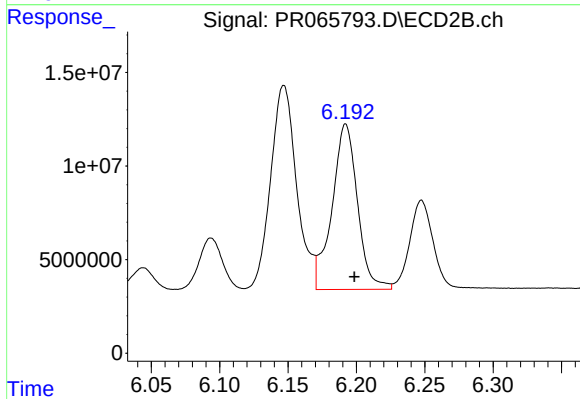
#35 AR-1260-5

R.T.: 6.730 min
Delta R.T.: -0.011 min
Response: 230927130
Conc: 432.78 ng/ml



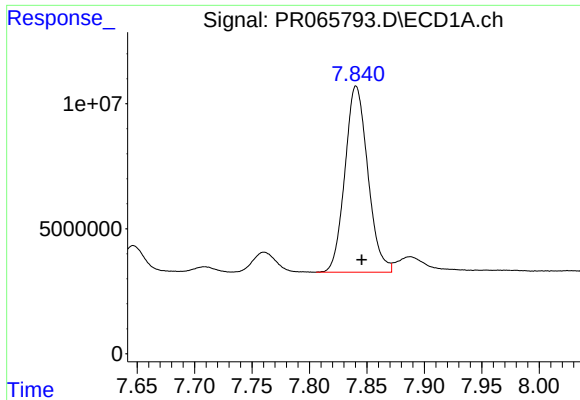
#36 AR-1262-1

R.T.: 7.263 min
Delta R.T.: -0.004 min
Response: 59345200
Conc: 272.81 ng/ml



#36 AR-1262-1

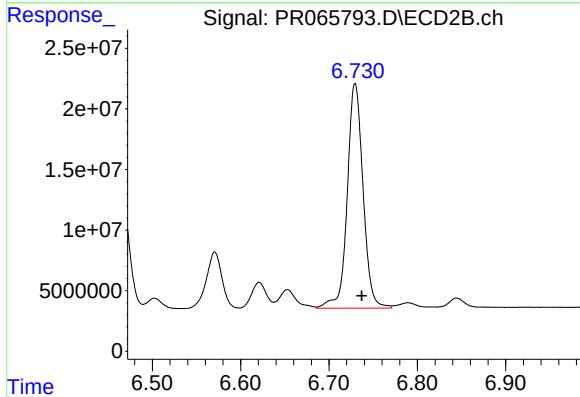
R.T.: 6.192 min
Delta R.T.: -0.006 min
Response: 114608273
Conc: 279.79 ng/ml



#37 AR-1262-2

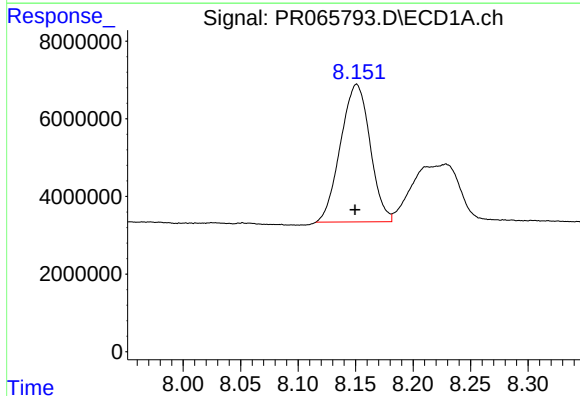
R.T.: 7.841 min
Delta R.T.: -0.005 min
Response: 103334298
Conc: 344.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



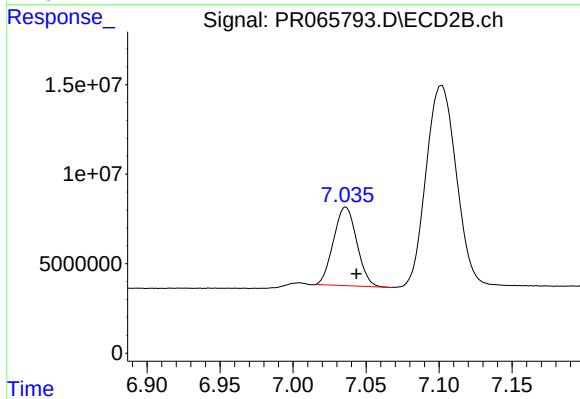
#37 AR-1262-2

R.T.: 6.730 min
Delta R.T.: -0.008 min
Response: 230927130
Conc: 360.78 ng/ml



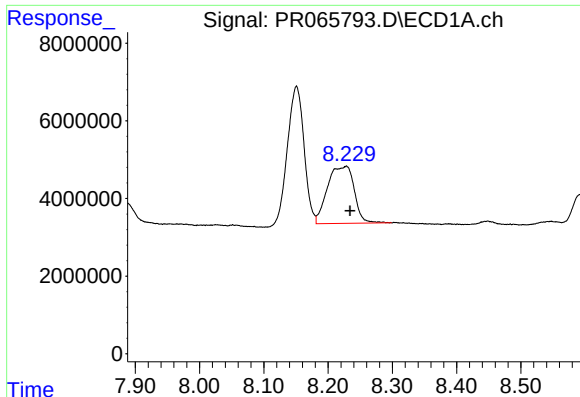
#38 AR-1262-3

R.T.: 8.151 min
Delta R.T.: 0.001 min
Response: 63352033
Conc: 308.95 ng/ml



#38 AR-1262-3

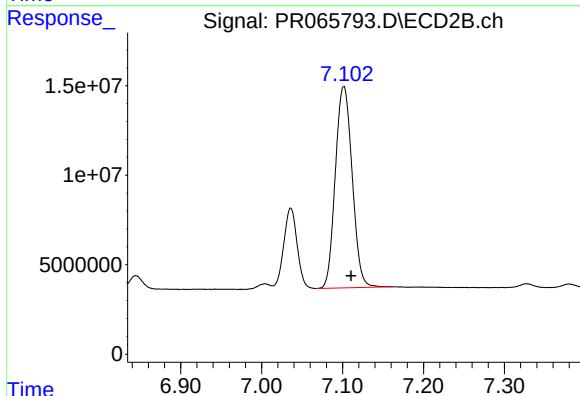
R.T.: 7.036 min
Delta R.T.: -0.007 min
Response: 48734249
Conc: 185.66 ng/ml



#39 AR-1262-4

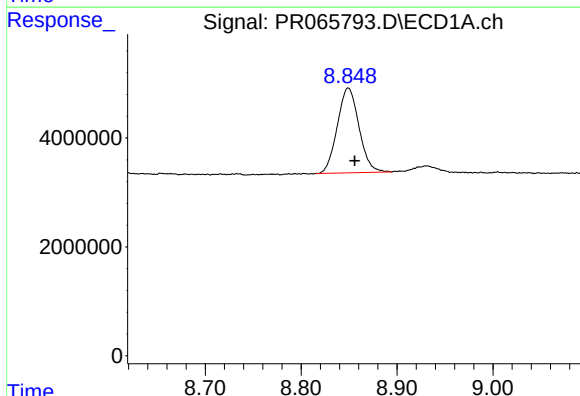
R.T.: 8.228 min
Delta R.T.: -0.006 min
Response: 42520140
Conc: 258.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



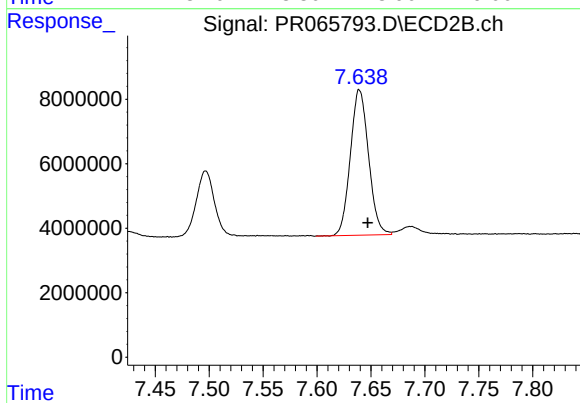
#39 AR-1262-4

R.T.: 7.102 min
Delta R.T.: -0.009 min
Response: 162681304
Conc: 355.17 ng/ml



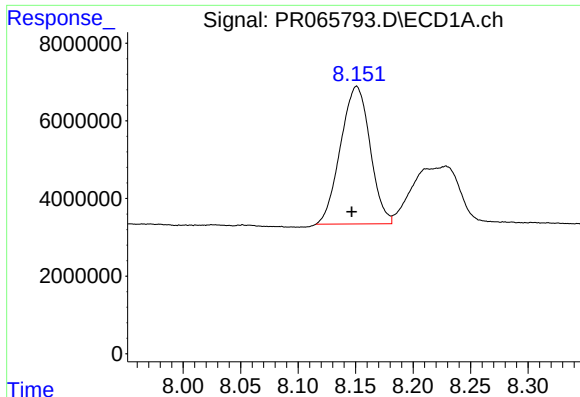
#40 AR-1262-5

R.T.: 8.849 min
Delta R.T.: -0.007 min
Response: 24492038
Conc: 282.66 ng/ml



#40 AR-1262-5

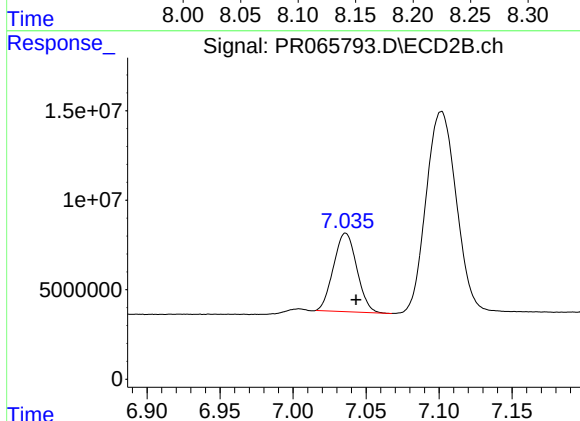
R.T.: 7.639 min
Delta R.T.: -0.007 min
Response: 52992882
Conc: 274.69 ng/ml



#41 AR-1268-1

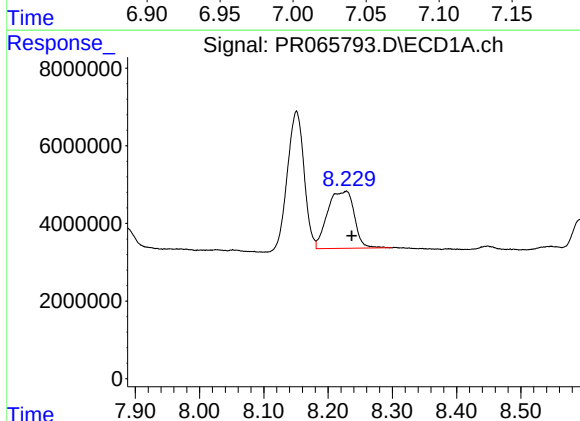
R.T.: 8.151 min
Delta R.T.: 0.004 min
Response: 63352033
Conc: 155.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



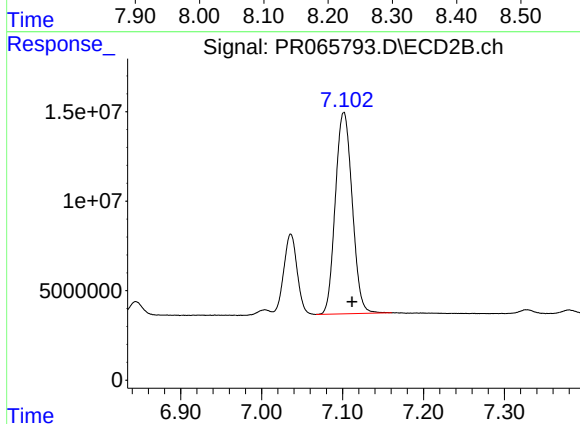
#41 AR-1268-1

R.T.: 7.036 min
Delta R.T.: -0.007 min
Response: 48734249
Conc: 62.13 ng/ml



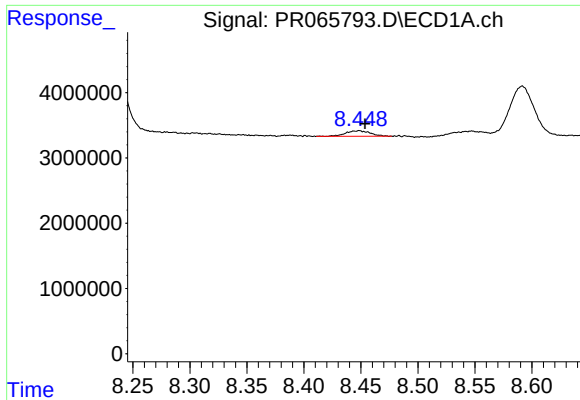
#42 AR-1268-2

R.T.: 8.228 min
Delta R.T.: -0.009 min
Response: 42520140
Conc: 116.17 ng/ml



#42 AR-1268-2

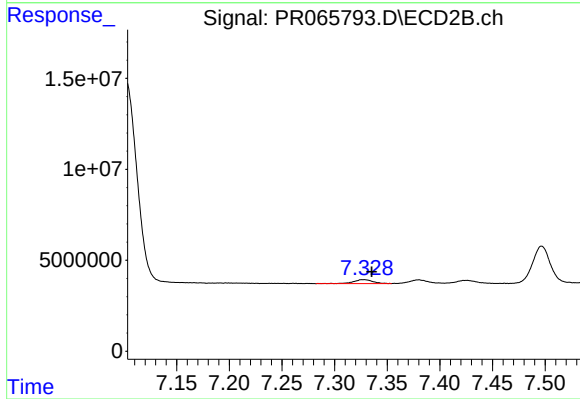
R.T.: 7.102 min
Delta R.T.: -0.010 min
Response: 162681304
Conc: 231.31 ng/ml



#43 AR-1268-3

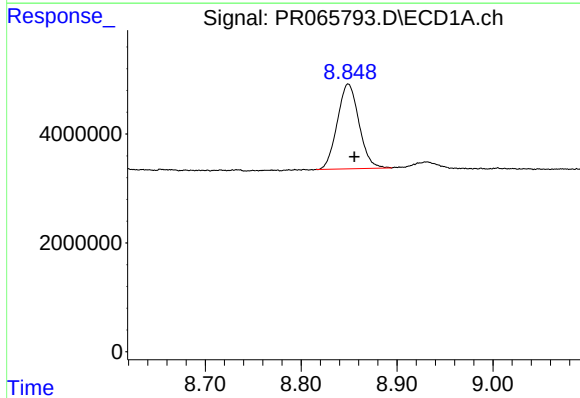
R.T.: 8.449 min
Delta R.T.: -0.005 min
Response: 1295995
Conc: 3.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



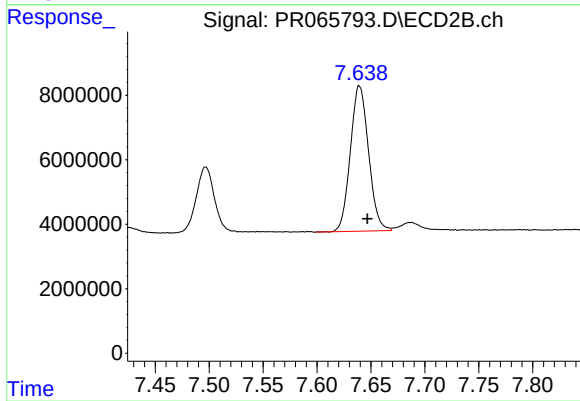
#43 AR-1268-3

R.T.: 7.328 min
Delta R.T.: -0.007 min
Response: 2718497
Conc: 4.20 ng/ml



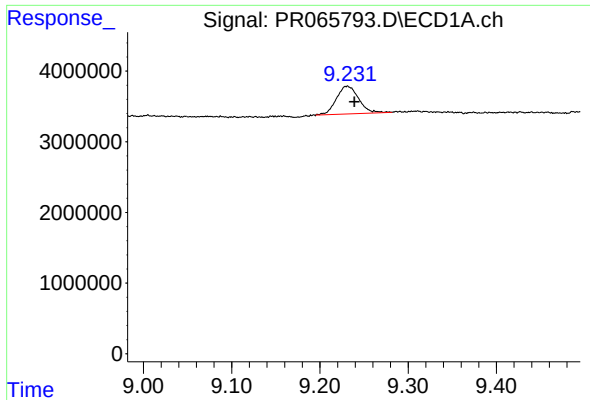
#44 AR-1268-4

R.T.: 8.849 min
Delta R.T.: -0.006 min
Response: 24492038
Conc: 243.27 ng/ml



#44 AR-1268-4

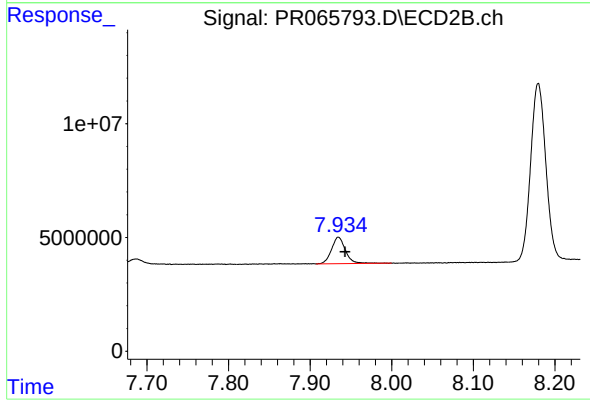
R.T.: 7.639 min
Delta R.T.: -0.007 min
Response: 52992882
Conc: 233.20 ng/ml



#45 AR-1268-5

R.T.: 9.231 min
Delta R.T.: -0.009 min
Response: 6822535
Conc: 7.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603252



#45 AR-1268-5

R.T.: 7.935 min
Delta R.T.: -0.008 min
Response: 13838079
Conc: 8.55 ng/ml