

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121523\
 Data File : PR064733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2023 17:17
 Operator : AJ\MA
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 05:04:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 15 04:19:57 2023
 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...	3.702	3.008	116.0E6	108.0E6	19.190	20.000
2)	SA Decachlor...	9.723	8.386	78876790	84342552	35.795	32.212
Target Compounds							
3)	L1 AR-1016-1	4.940	4.154	2745651	2086337	15.167	11.243 #
4)	L1 AR-1016-2	4.964	4.173	3812705	1718116	14.372	6.768 #
5)	L1 AR-1016-3	5.027	4.357	2159636	1227976	12.810	8.899 #
6)	L1 AR-1016-4	5.131	4.408	2436396	44601057	17.893	419.008 #
7)	L1 AR-1016-5	5.451	4.631	26653187	26956840	194.186	192.406
8)	L2 AR-1221-1	3.932	3.232	799593	157546	11.672	2.603 #
9)	L2 AR-1221-2	4.017	3.319	1512029	1378159	32.460	32.656
10)	L2 AR-1221-3	4.094	3.405	753148	1440860	4.895	10.059 #
11)	L3 AR-1232-1	4.094	3.405	753148	1440860	6.301	13.081 #
12)	L3 AR-1232-2	4.650	4.173	1224289	1718116	18.364	16.054
13)	L3 AR-1232-3	4.964	4.357	3812705	1227976	33.274	21.679 #
14)	L3 AR-1232-4	5.131	4.450	2436396	13398655	41.649	270.071 #
15)	L3 AR-1232-5	5.236	4.631	46570069	26956840	1095.403	498.060 #
16)	L4 AR-1242-1	4.940	4.154	2745651	2086337	18.978	14.225 #
17)	L4 AR-1242-2	4.964	4.173	3812705	1718116	18.264	8.628 #
18)	L4 AR-1242-3	5.027	4.357	2159636	1227976	15.965	11.353 #
19)	L4 AR-1242-4	5.131	4.450	2436396	13398655	22.574	128.851 #
20)	L4 AR-1242-5	5.933	5.010	23273243	111.8E6	203.333	831.624 #
21)	L5 AR-1248-1	4.940	4.154	2745651	2086337	25.084	18.789 #
22)	L5 AR-1248-2	5.236	4.408	46570069	44601057	298.188	296.819
23)	L5 AR-1248-3	5.451	4.450	26653187	13398655	145.829	85.282 #
24)	L5 AR-1248-4	5.889	4.631	35778301	26956840	182.925	142.038
25)	L5 AR-1248-5	5.933	5.054	23273243	12902104	119.044	66.810 #
26)	L6 AR-1254-1	5.859	5.010	73335142	111.8E6	364.658	389.015
27)	L6 AR-1254-2	6.099	5.172	109.7E6	96287124	360.574	386.656
28)	L6 AR-1254-3	6.495	5.603	112.2E6	154.5E6	360.324	388.190
29)	L6 AR-1254-4	6.810	5.854	79551734	94023254	361.765	376.527
30)	L6 AR-1254-5	7.270	6.308	87556258	129.7E6	368.664	363.969
31)	L7 AR-1260-1	6.677	5.747	46937496	72345189	187.833	250.350 #
32)	L7 AR-1260-2	6.963	5.955	51601057	58514833	180.519	168.421
33)	L7 AR-1260-3	7.332	6.114	8931109	60092435	42.122	182.567 #
34)	L7 AR-1260-4	7.581	6.631	33766965	5871212	146.907	21.768 #
35)	L7 AR-1260-5	7.944	6.900	11882965	13538402	27.694	21.664
36)	L8 AR-1262-1	7.332	6.380	8931109	9451391	31.059	25.888
37)	L8 AR-1262-2	7.944	6.900	11882965	13538402	25.506	20.521
38)	L8 AR-1262-3	8.268	7.214	9810904	657337	31.118	2.622 #
39)	L8 AR-1262-4	8.354	7.276	453786	12910422	1.903	27.049 #
40)	L8 AR-1262-5	8.995	7.824	829401	699675	5.103	3.295 #
41)	L9 AR-1268-1	8.268	7.214	9810904	657337	17.216	0.841 #

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 Operator : AJ\MA
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

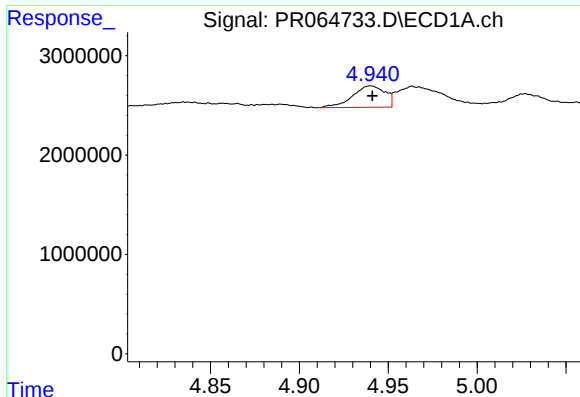
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 05:04:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.M
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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	8.354	7.276	453786	12910422	0.896	17.990 #
43) L9	AR-1268-3	8.569	7.506	315519	221628	0.713	0.370 #
44) L9	AR-1268-4	8.995	7.824	829401	699675	4.463	2.801 #
45) L9	AR-1268-5	9.398	8.127	1216406	518202	0.909	0.288 #

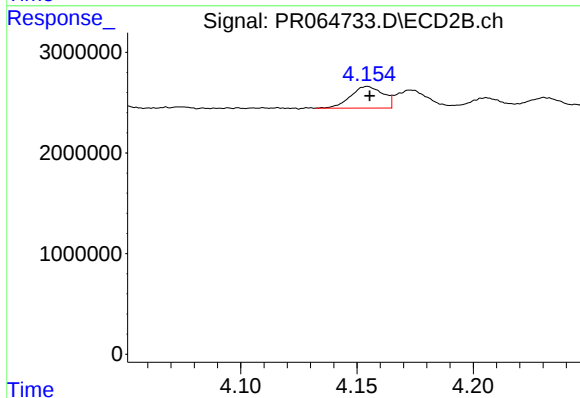
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

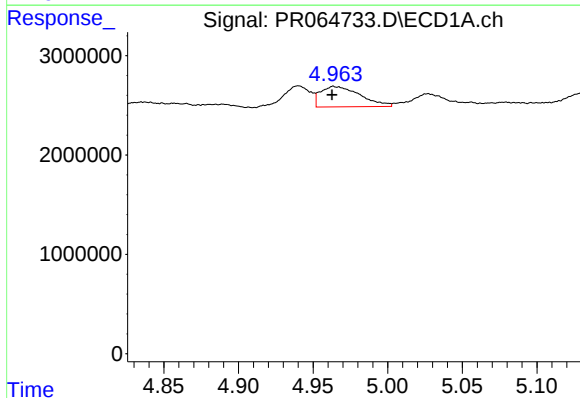
R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 2745651
Conc: 15.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



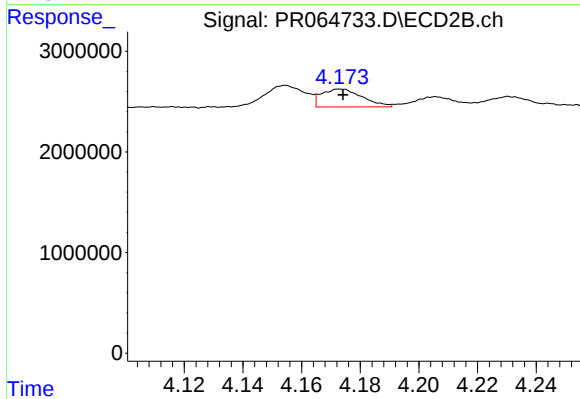
#3 AR-1016-1

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 2086337
Conc: 11.24 ng/ml



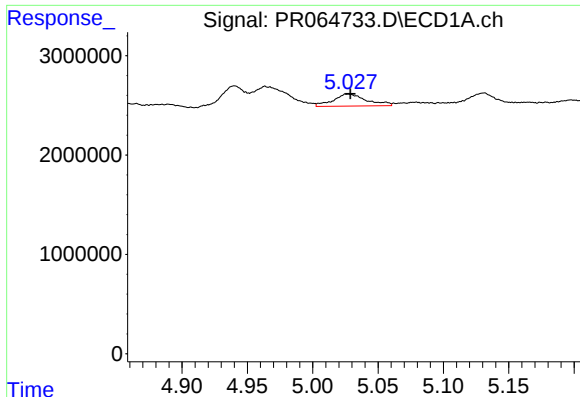
#4 AR-1016-2

R.T.: 4.964 min
Delta R.T.: 0.001 min
Response: 3812705
Conc: 14.37 ng/ml



#4 AR-1016-2

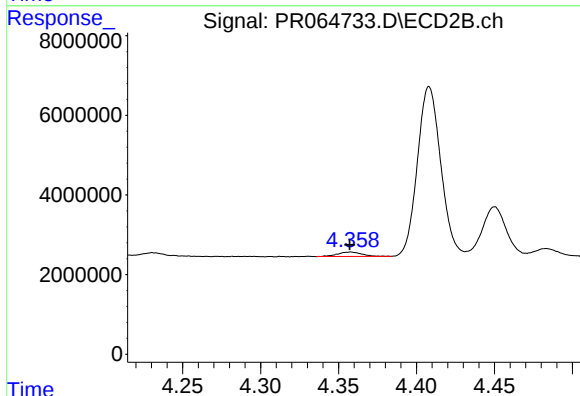
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 1718116
Conc: 6.77 ng/ml



#5 AR-1016-3

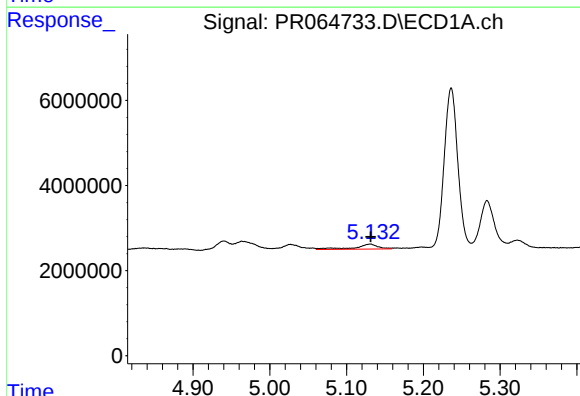
R.T.: 5.027 min
Delta R.T.: -0.002 min
Response: 2159636
Conc: 12.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



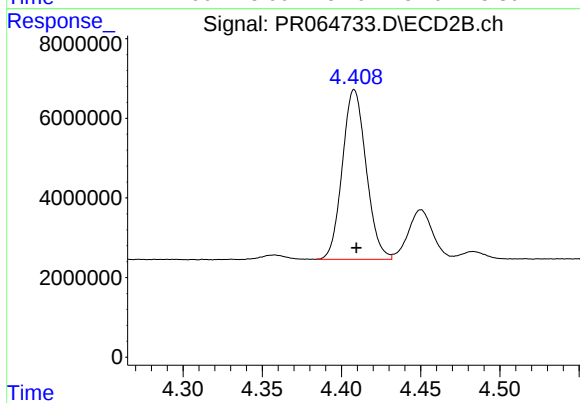
#5 AR-1016-3

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 1227976
Conc: 8.90 ng/ml



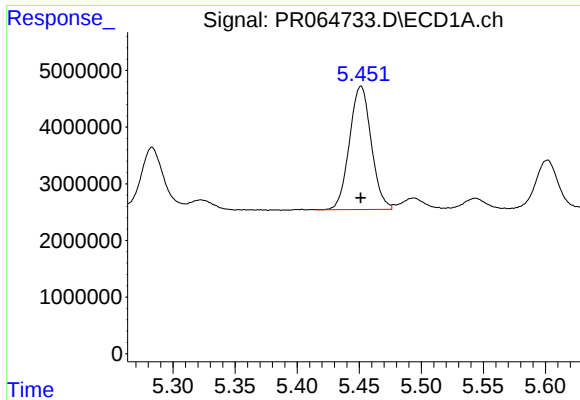
#6 AR-1016-4

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 2436396
Conc: 17.89 ng/ml



#6 AR-1016-4

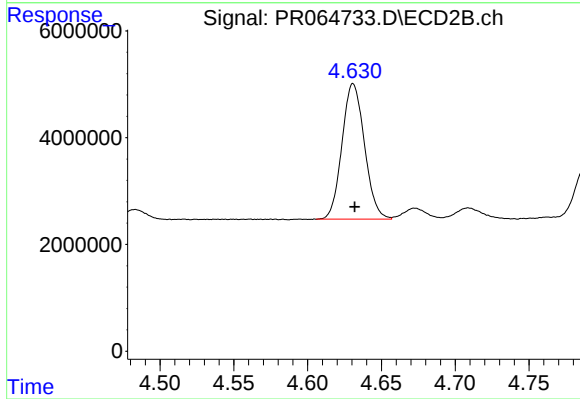
R.T.: 4.408 min
Delta R.T.: -0.001 min
Response: 44601057
Conc: 419.01 ng/ml



#7 AR-1016-5

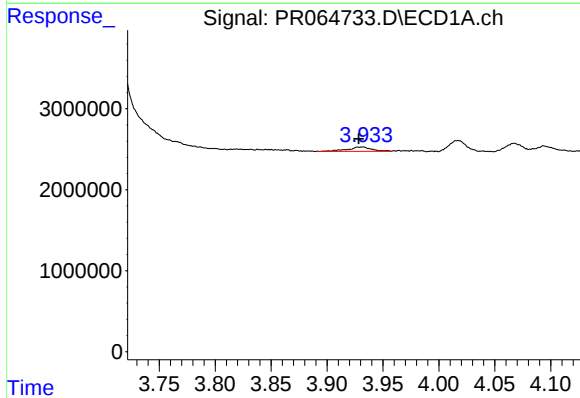
R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 26653187
Conc: 194.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



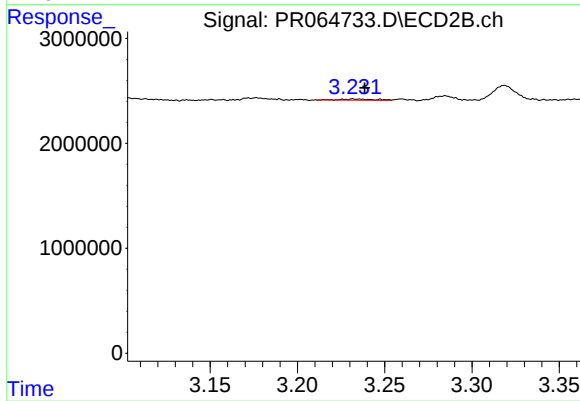
#7 AR-1016-5

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 26956840
Conc: 192.41 ng/ml



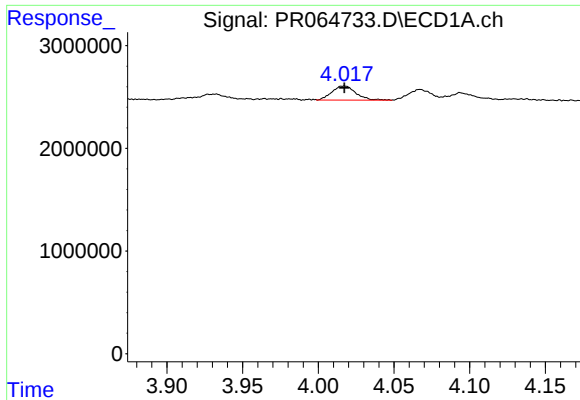
#8 AR-1221-1

R.T.: 3.932 min
Delta R.T.: 0.004 min
Response: 799593
Conc: 11.67 ng/ml



#8 AR-1221-1

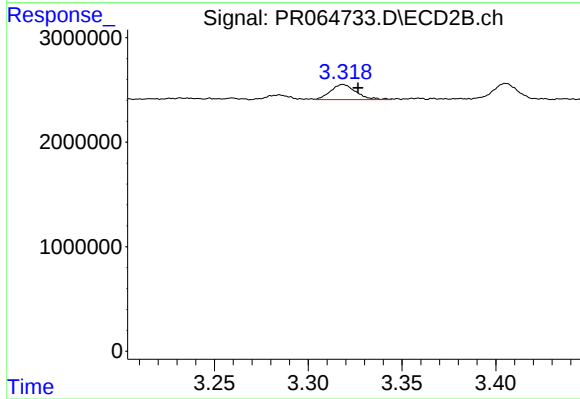
R.T.: 3.232 min
Delta R.T.: -0.006 min
Response: 157546
Conc: 2.60 ng/ml



#9 AR-1221-2

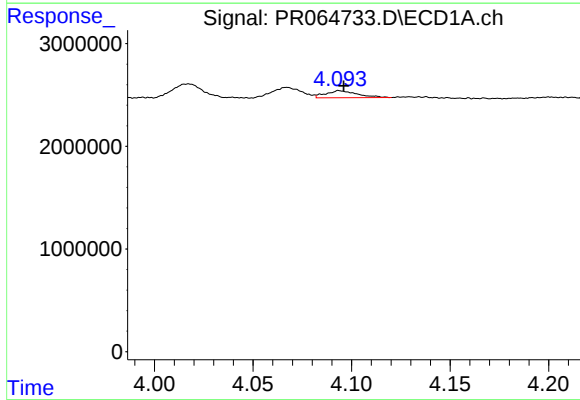
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 1512029
Conc: 32.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



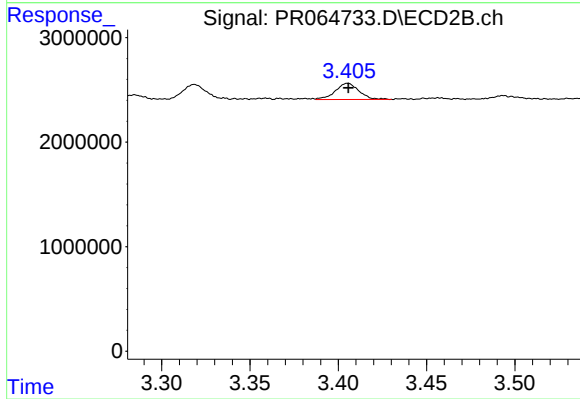
#9 AR-1221-2

R.T.: 3.319 min
Delta R.T.: -0.008 min
Response: 1378159
Conc: 32.66 ng/ml



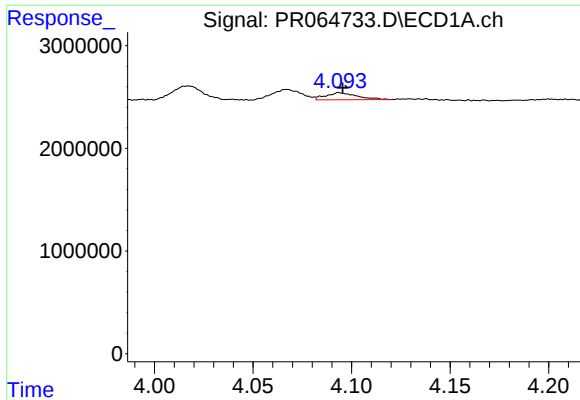
#10 AR-1221-3

R.T.: 4.094 min
Delta R.T.: -0.002 min
Response: 753148
Conc: 4.89 ng/ml



#10 AR-1221-3

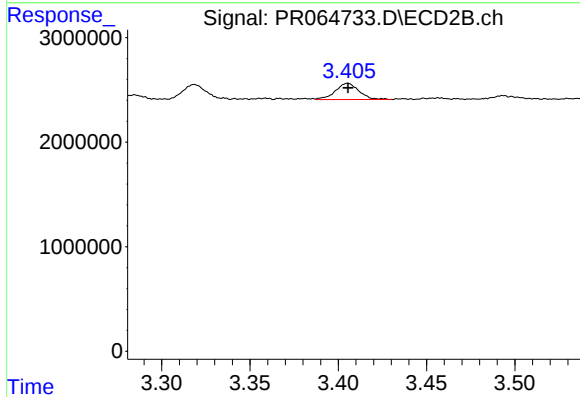
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 1440860
Conc: 10.06 ng/ml



#11 AR-1232-1

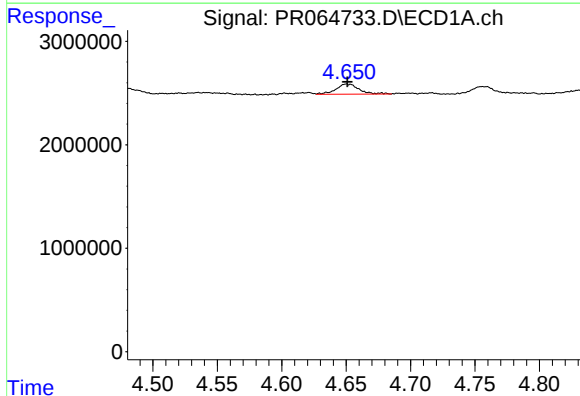
R.T.: 4.094 min
Delta R.T.: -0.001 min
Response: 753148
Conc: 6.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



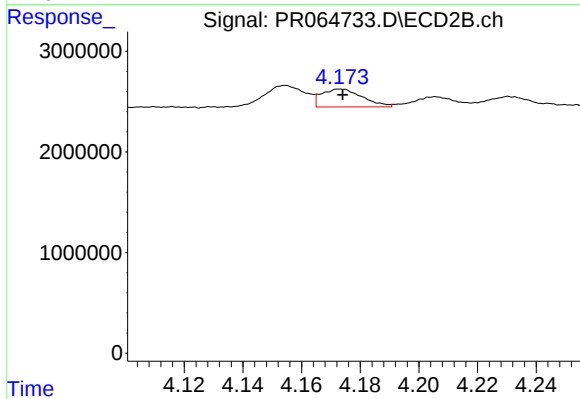
#11 AR-1232-1

R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 1440860
Conc: 13.08 ng/ml



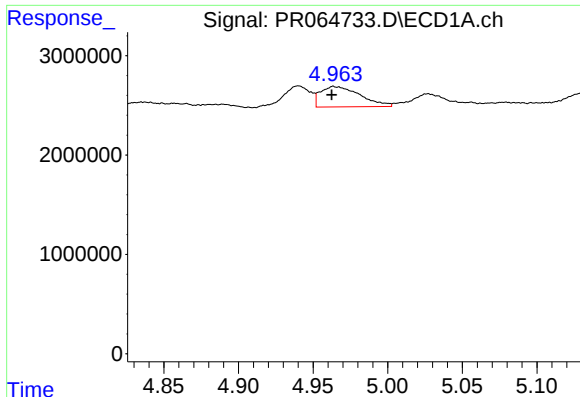
#12 AR-1232-2

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 1224289
Conc: 18.36 ng/ml



#12 AR-1232-2

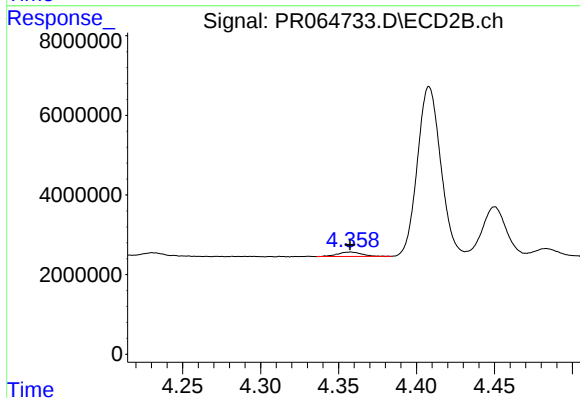
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 1718116
Conc: 16.05 ng/ml



#13 AR-1232-3

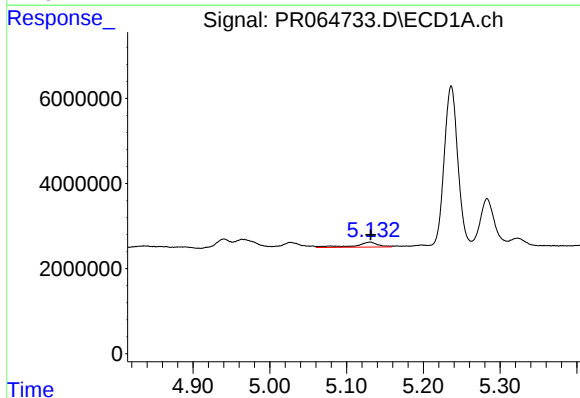
R.T.: 4.964 min
Delta R.T.: 0.001 min
Response: 3812705
Conc: 33.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



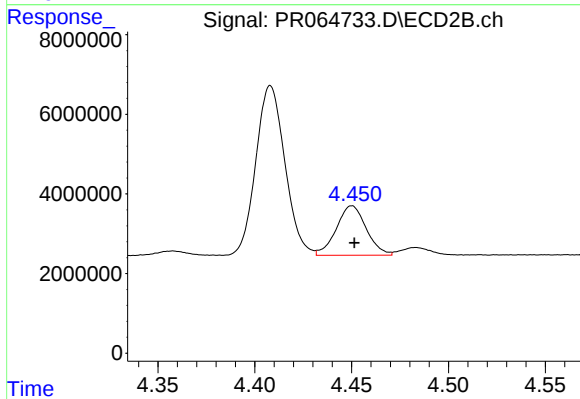
#13 AR-1232-3

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 1227976
Conc: 21.68 ng/ml



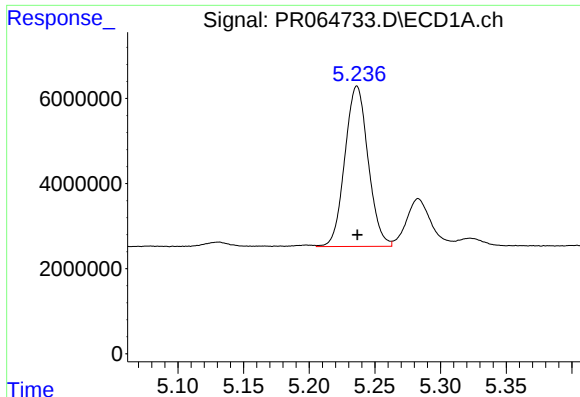
#14 AR-1232-4

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 2436396
Conc: 41.65 ng/ml



#14 AR-1232-4

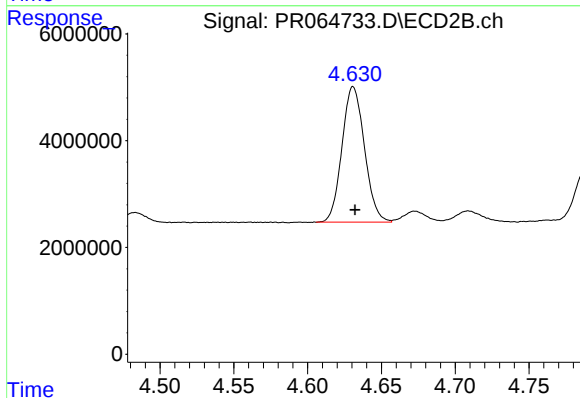
R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 13398655
Conc: 270.07 ng/ml



#15 AR-1232-5

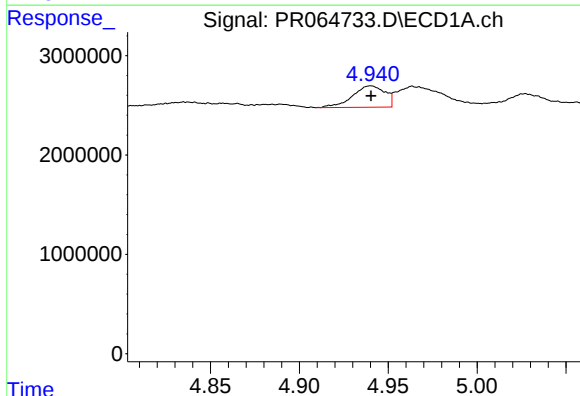
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 46570069
Conc: 1095.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



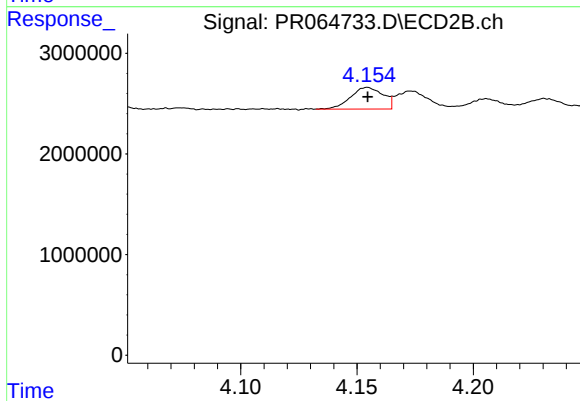
#15 AR-1232-5

R.T.: 4.631 min
Delta R.T.: -0.001 min
Response: 26956840
Conc: 498.06 ng/ml



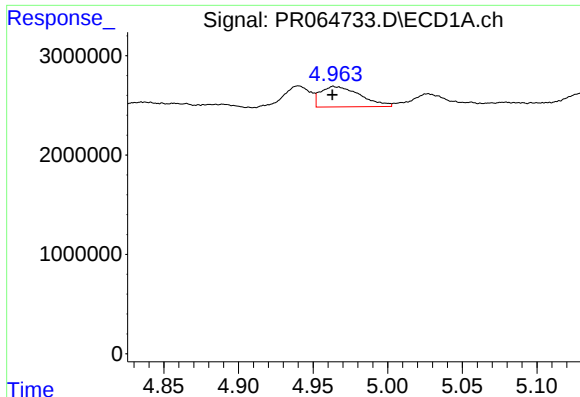
#16 AR-1242-1

R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 2745651
Conc: 18.98 ng/ml



#16 AR-1242-1

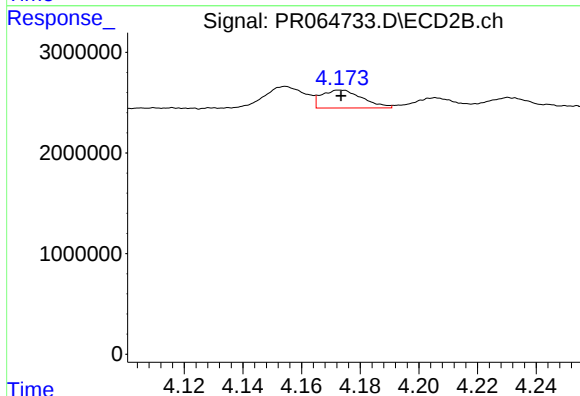
R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 2086337
Conc: 14.22 ng/ml



#17 AR-1242-2

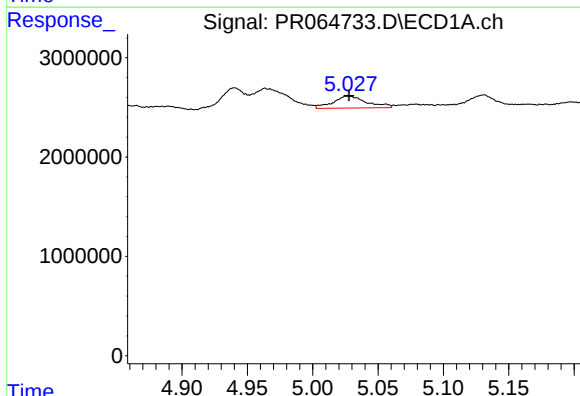
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 3812705
Conc: 18.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



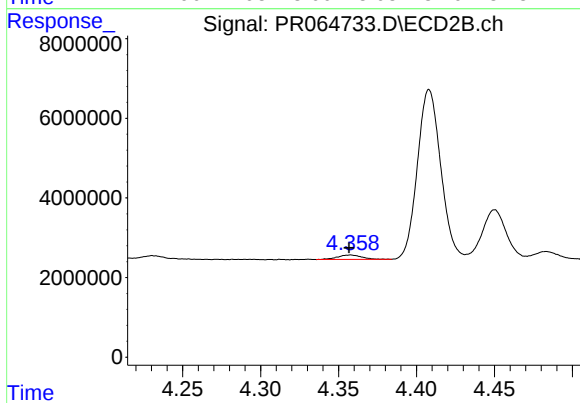
#17 AR-1242-2

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 1718116
Conc: 8.63 ng/ml



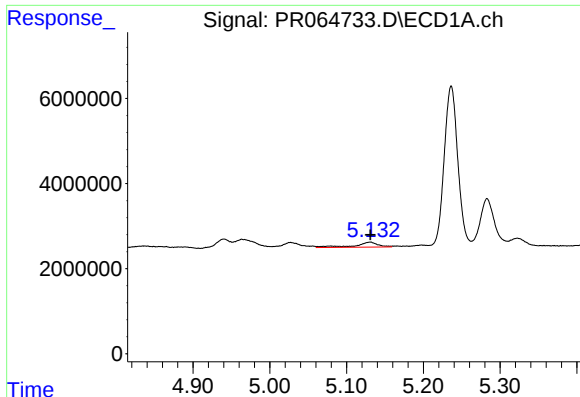
#18 AR-1242-3

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 2159636
Conc: 15.97 ng/ml



#18 AR-1242-3

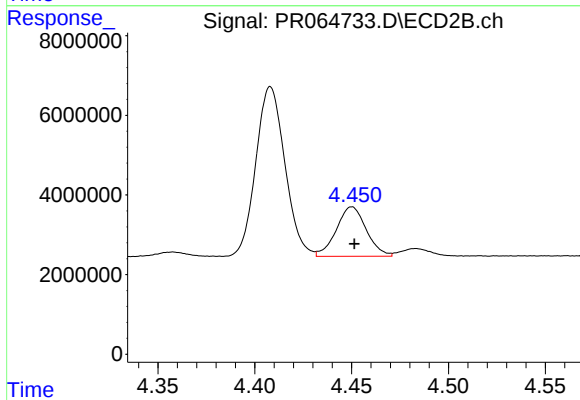
R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 1227976
Conc: 11.35 ng/ml



#19 AR-1242-4

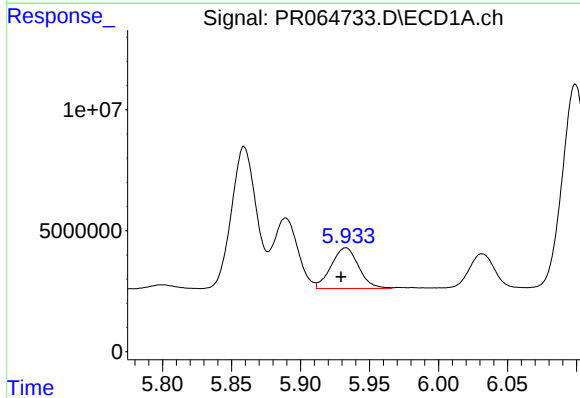
R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 2436396
Conc: 22.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



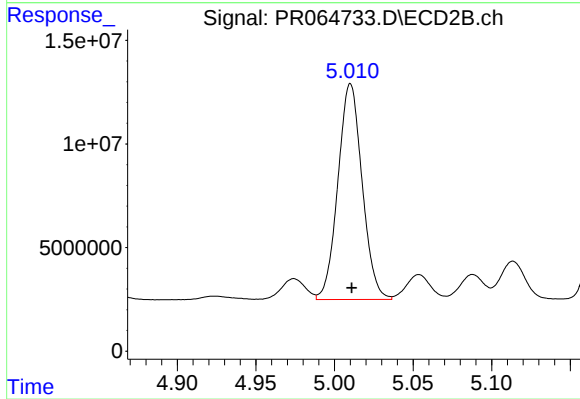
#19 AR-1242-4

R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 13398655
Conc: 128.85 ng/ml



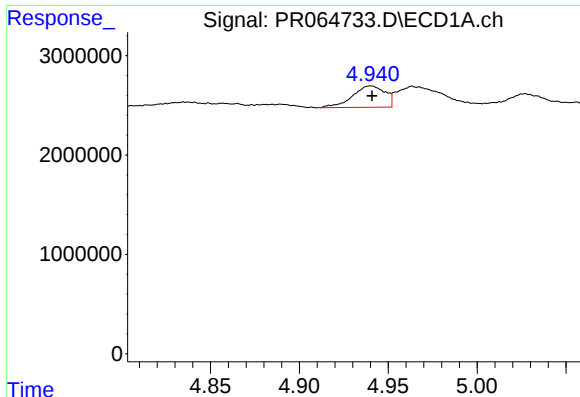
#20 AR-1242-5

R.T.: 5.933 min
Delta R.T.: 0.003 min
Response: 23273243
Conc: 203.33 ng/ml



#20 AR-1242-5

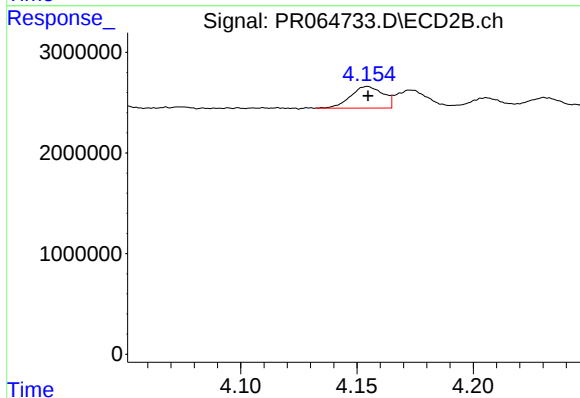
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 111834266
Conc: 831.62 ng/ml



#21 AR-1248-1

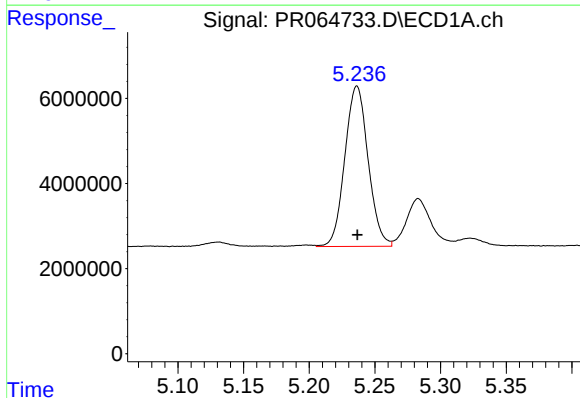
R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 2745651
Conc: 25.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



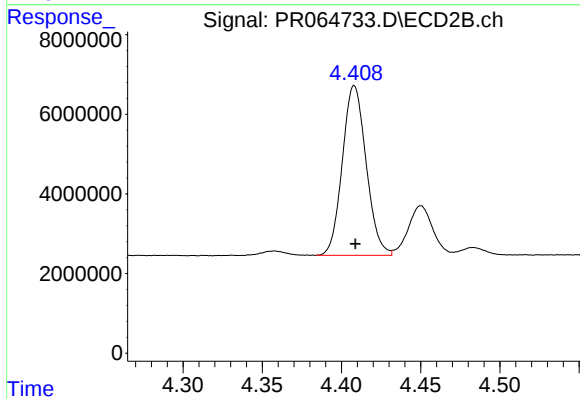
#21 AR-1248-1

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 2086337
Conc: 18.79 ng/ml



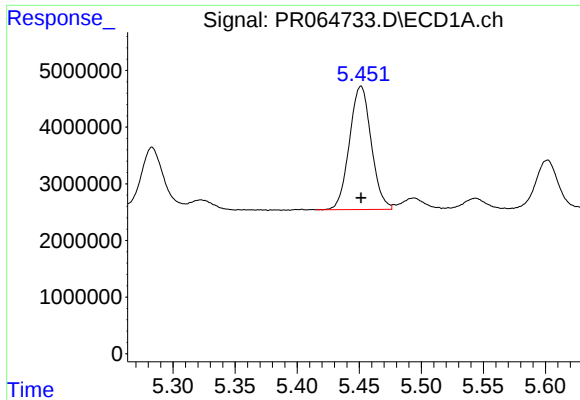
#22 AR-1248-2

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 46570069
Conc: 298.19 ng/ml



#22 AR-1248-2

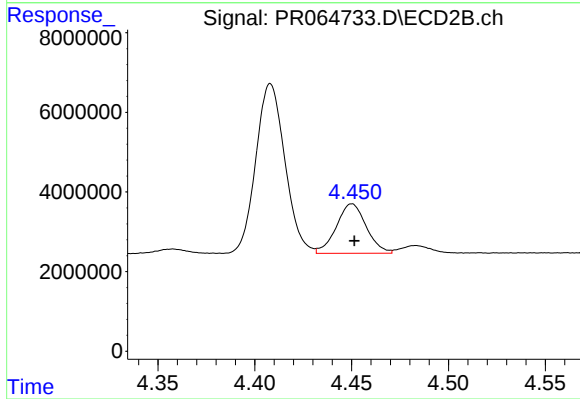
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 44601057
Conc: 296.82 ng/ml



#23 AR-1248-3

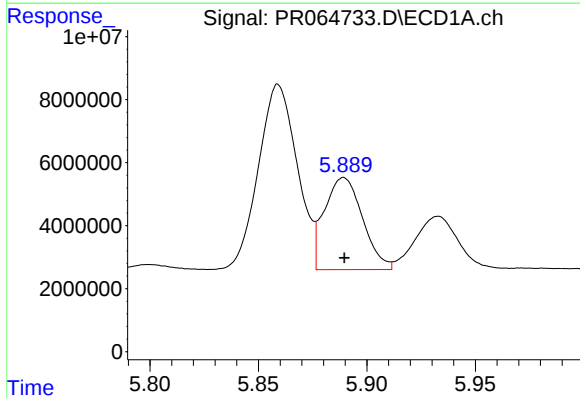
R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 26653187
Conc: 145.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



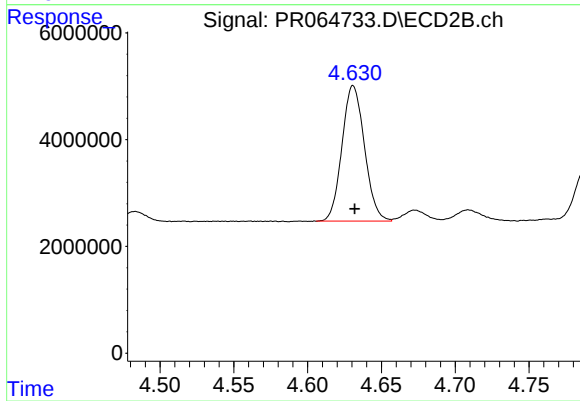
#23 AR-1248-3

R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 13398655
Conc: 85.28 ng/ml



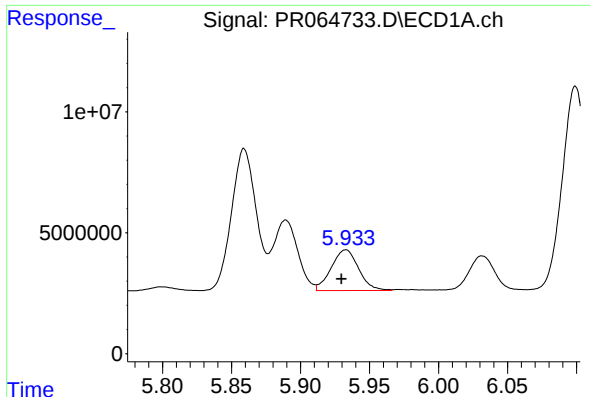
#24 AR-1248-4

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 35778301
Conc: 182.93 ng/ml



#24 AR-1248-4

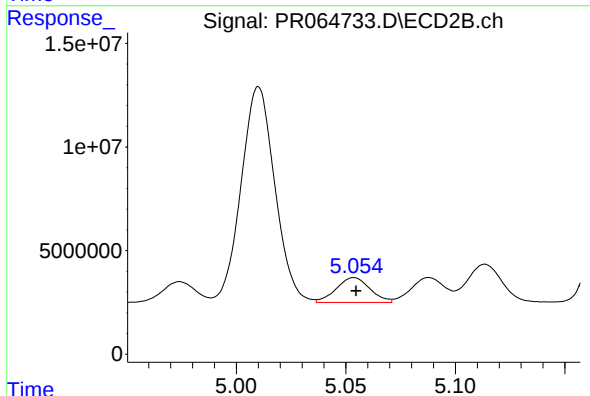
R.T.: 4.631 min
Delta R.T.: -0.001 min
Response: 26956840
Conc: 142.04 ng/ml



#25 AR-1248-5

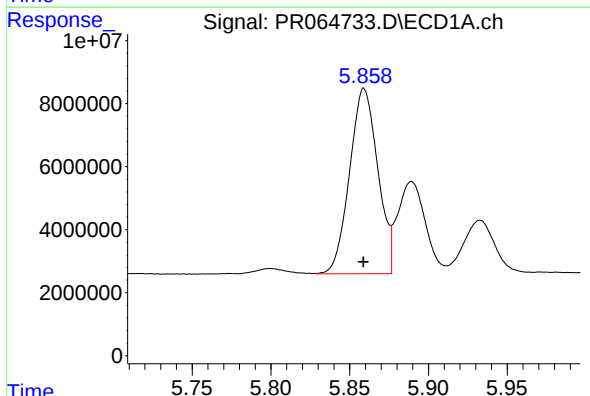
R.T.: 5.933 min
Delta R.T.: 0.003 min
Response: 23273243
Conc: 119.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



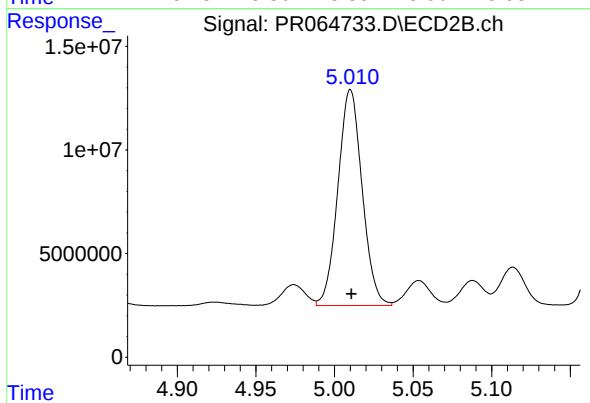
#25 AR-1248-5

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 12902104
Conc: 66.81 ng/ml



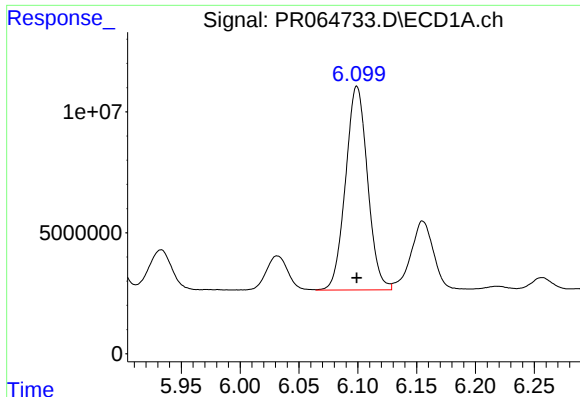
#26 AR-1254-1

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 73335142
Conc: 364.66 ng/ml



#26 AR-1254-1

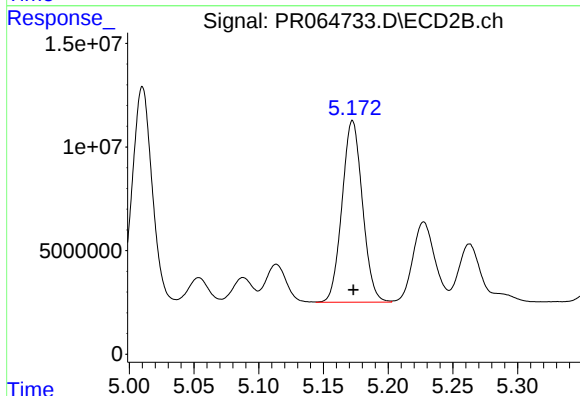
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 111834266
Conc: 389.01 ng/ml



#27 AR-1254-2

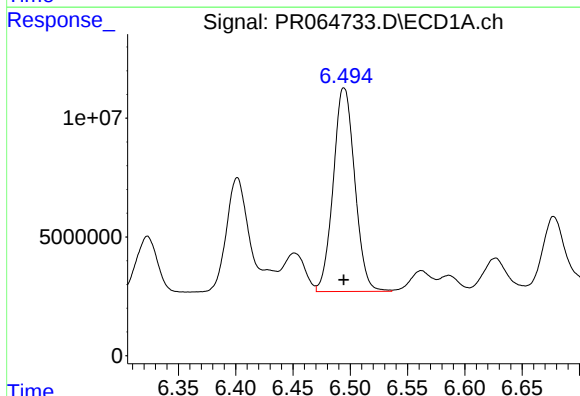
R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 109667570
Conc: 360.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



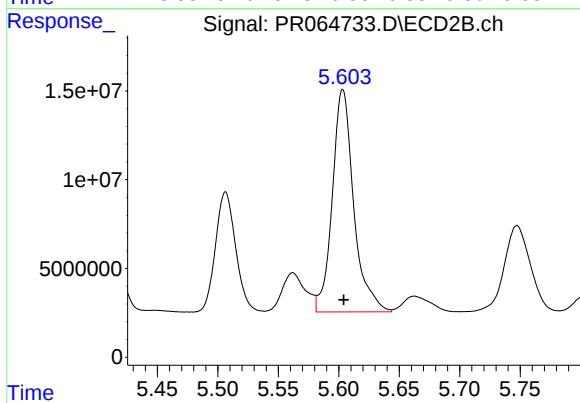
#27 AR-1254-2

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 96287124
Conc: 386.66 ng/ml



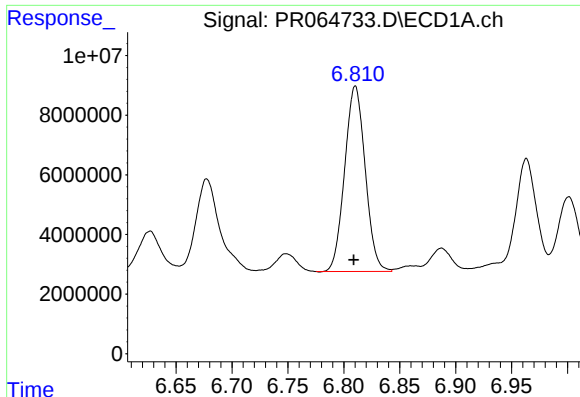
#28 AR-1254-3

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 112155814
Conc: 360.32 ng/ml



#28 AR-1254-3

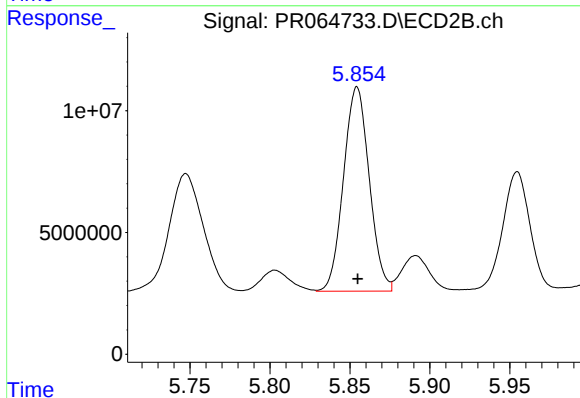
R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 154464619
Conc: 388.19 ng/ml



#29 AR-1254-4

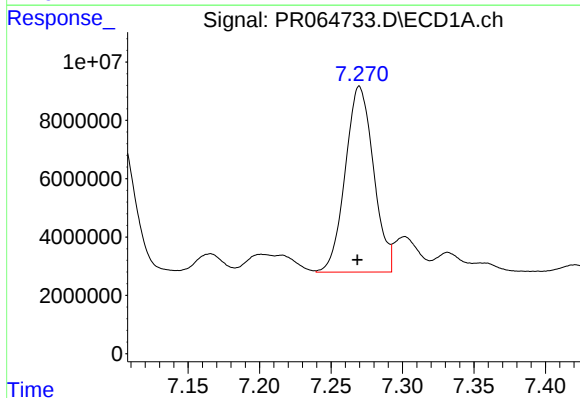
R.T.: 6.810 min
Delta R.T.: 0.001 min
Response: 79551734
Conc: 361.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



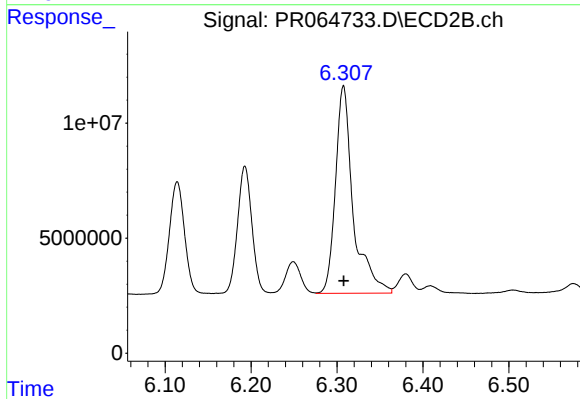
#29 AR-1254-4

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 94023254
Conc: 376.53 ng/ml



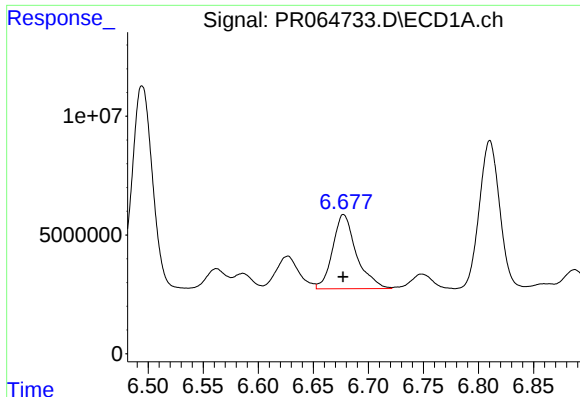
#30 AR-1254-5

R.T.: 7.270 min
Delta R.T.: 0.001 min
Response: 87556258
Conc: 368.66 ng/ml



#30 AR-1254-5

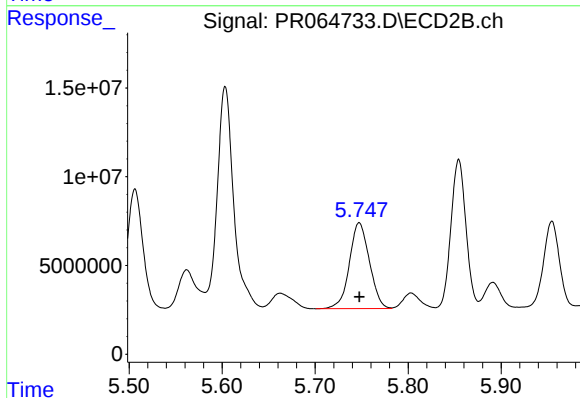
R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 129704766
Conc: 363.97 ng/ml



#31 AR-1260-1

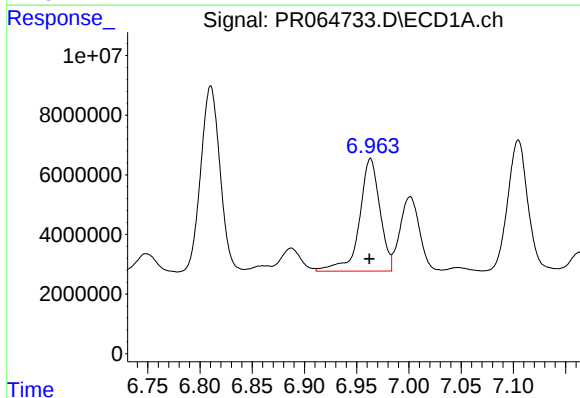
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 46937496
Conc: 187.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



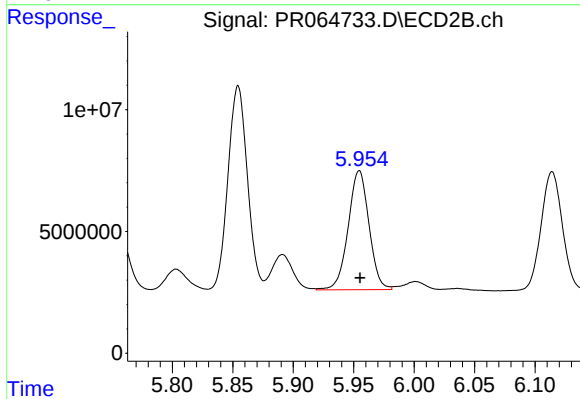
#31 AR-1260-1

R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 72345189
Conc: 250.35 ng/ml



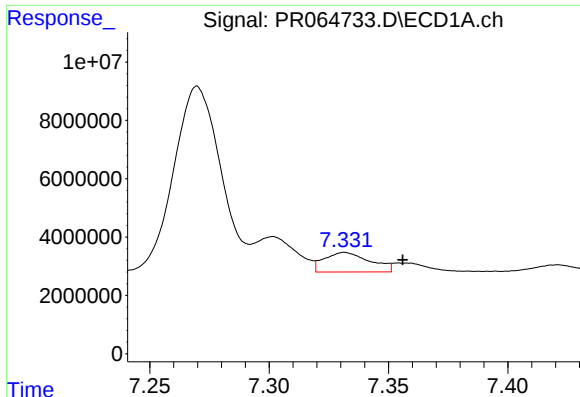
#32 AR-1260-2

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 51601057
Conc: 180.52 ng/ml



#32 AR-1260-2

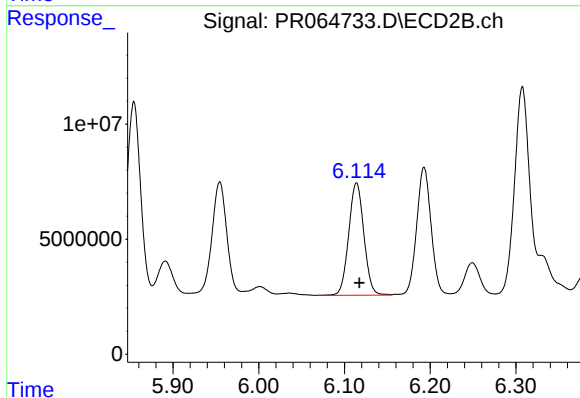
R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 58514833
Conc: 168.42 ng/ml



#33 AR-1260-3

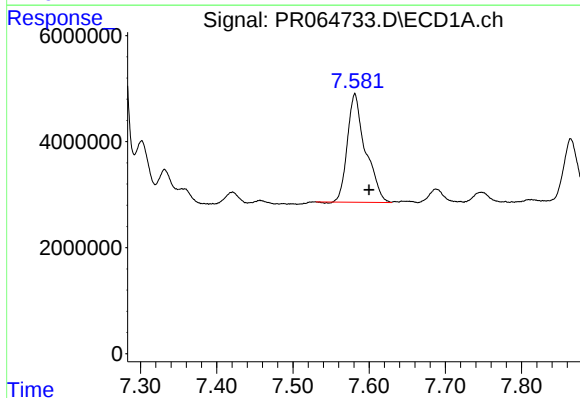
R.T.: 7.332 min
Delta R.T.: -0.024 min
Response: 8931109
Conc: 42.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



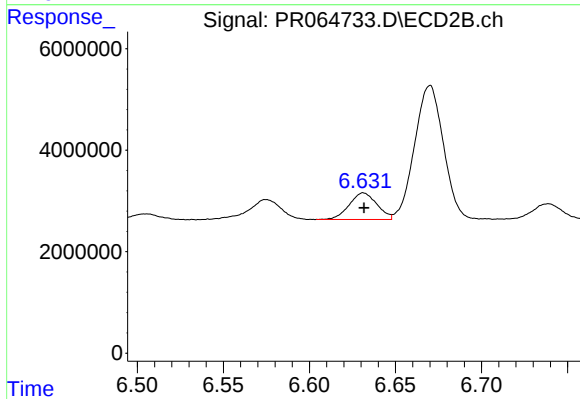
#33 AR-1260-3

R.T.: 6.114 min
Delta R.T.: -0.003 min
Response: 60092435
Conc: 182.57 ng/ml



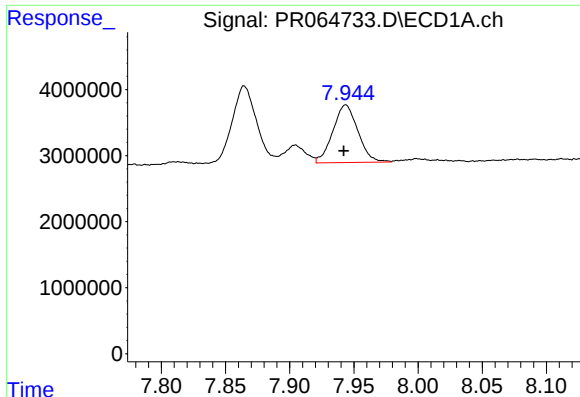
#34 AR-1260-4

R.T.: 7.581 min
Delta R.T.: -0.019 min
Response: 33766965
Conc: 146.91 ng/ml



#34 AR-1260-4

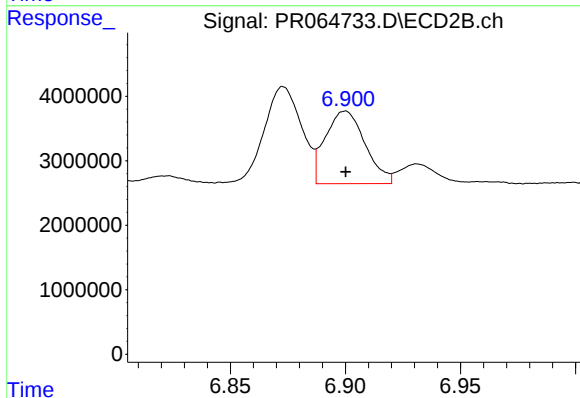
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 5871212
Conc: 21.77 ng/ml



#35 AR-1260-5

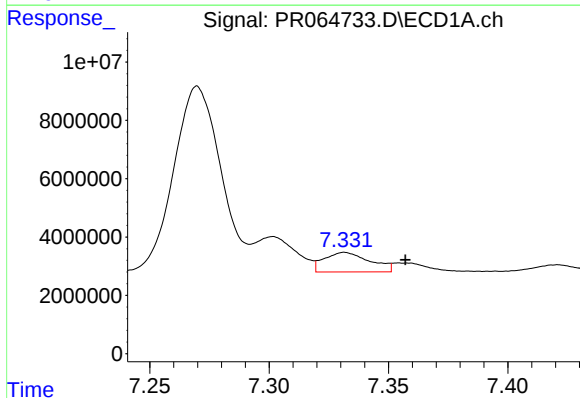
R.T.: 7.944 min
Delta R.T.: 0.002 min
Response: 11882965
Conc: 27.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



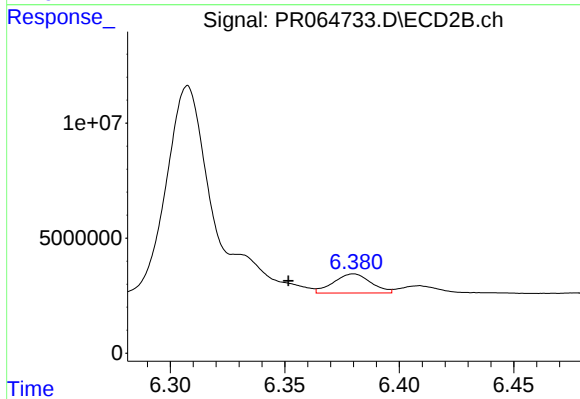
#35 AR-1260-5

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 13538402
Conc: 21.66 ng/ml



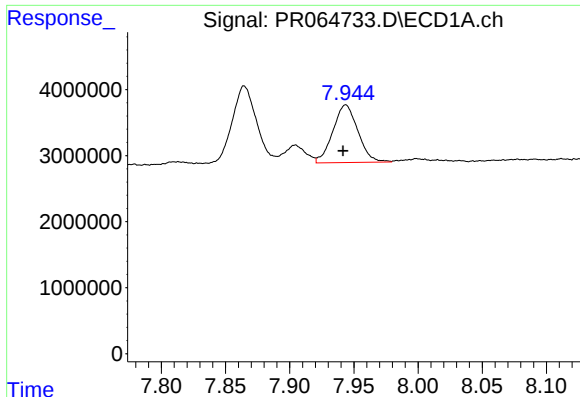
#36 AR-1262-1

R.T.: 7.332 min
Delta R.T.: -0.026 min
Response: 8931109
Conc: 31.06 ng/ml



#36 AR-1262-1

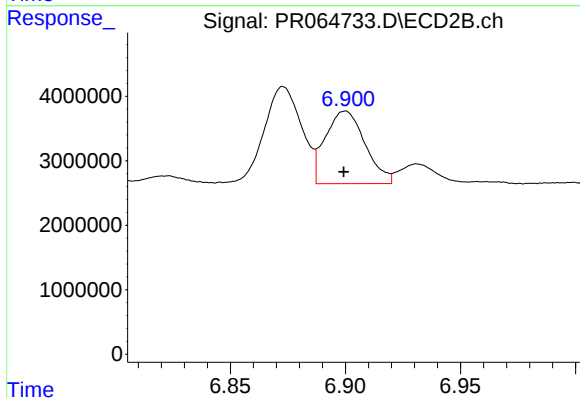
R.T.: 6.380 min
Delta R.T.: 0.029 min
Response: 9451391
Conc: 25.89 ng/ml



#37 AR-1262-2

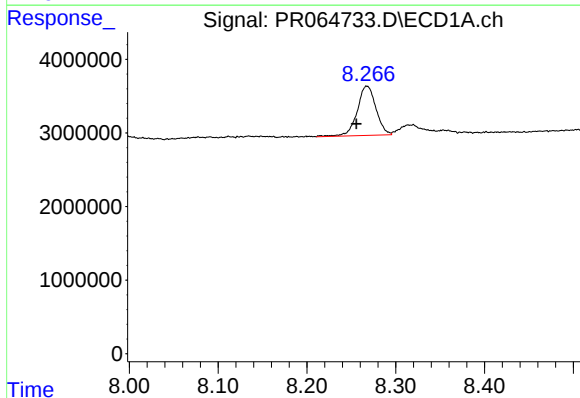
R.T.: 7.944 min
Delta R.T.: 0.002 min
Response: 11882965
Conc: 25.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



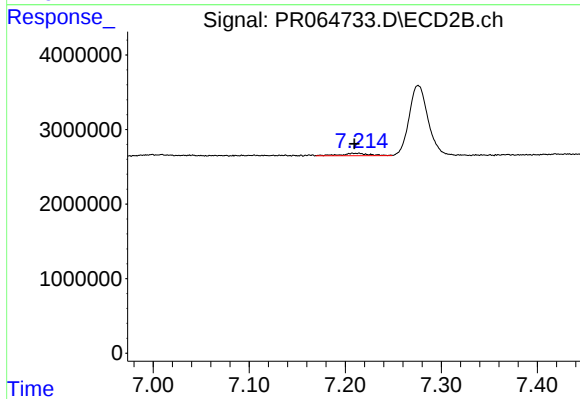
#37 AR-1262-2

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 13538402
Conc: 20.52 ng/ml



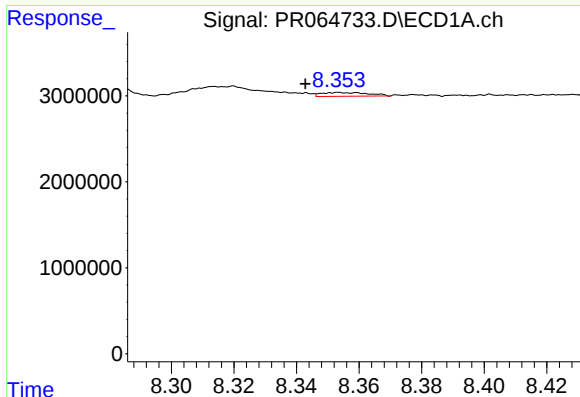
#38 AR-1262-3

R.T.: 8.268 min
Delta R.T.: 0.012 min
Response: 9810904
Conc: 31.12 ng/ml



#38 AR-1262-3

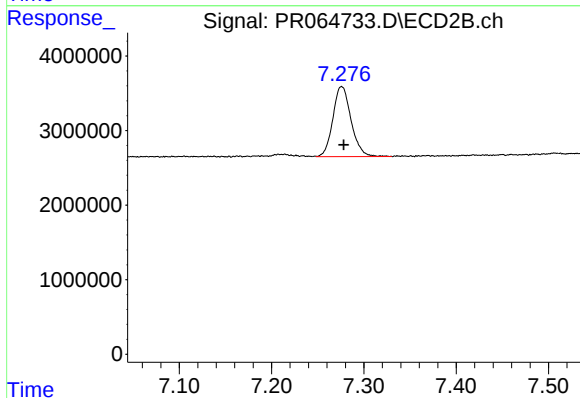
R.T.: 7.214 min
Delta R.T.: 0.004 min
Response: 657337
Conc: 2.62 ng/ml



#39 AR-1262-4

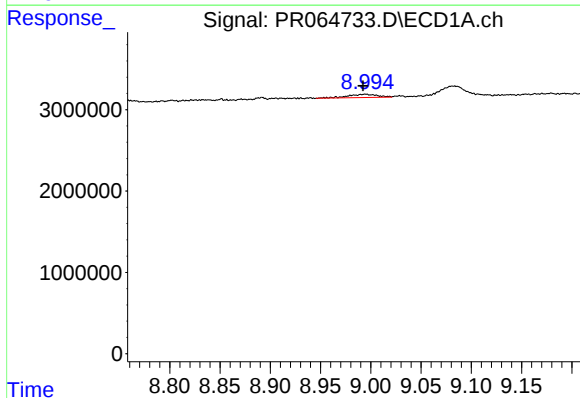
R.T.: 8.354 min
Delta R.T.: 0.011 min
Response: 453786
Conc: 1.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



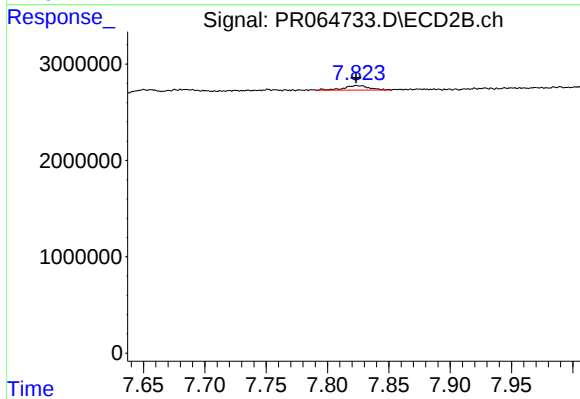
#39 AR-1262-4

R.T.: 7.276 min
Delta R.T.: -0.002 min
Response: 12910422
Conc: 27.05 ng/ml



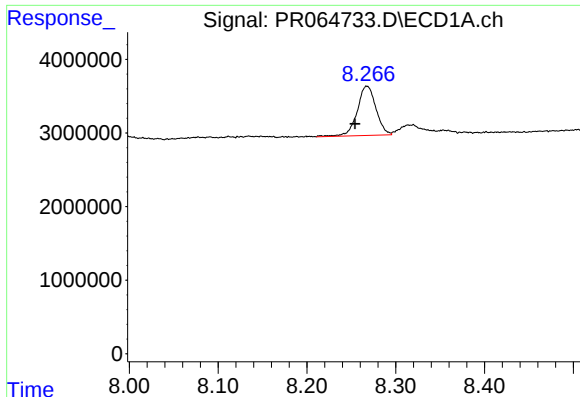
#40 AR-1262-5

R.T.: 8.995 min
Delta R.T.: 0.003 min
Response: 829401
Conc: 5.10 ng/ml



#40 AR-1262-5

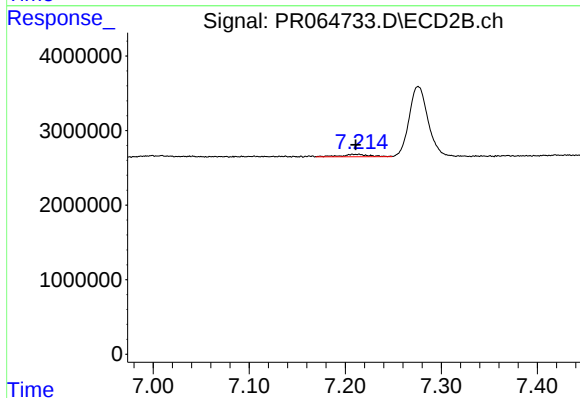
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 699675
Conc: 3.30 ng/ml



#41 AR-1268-1

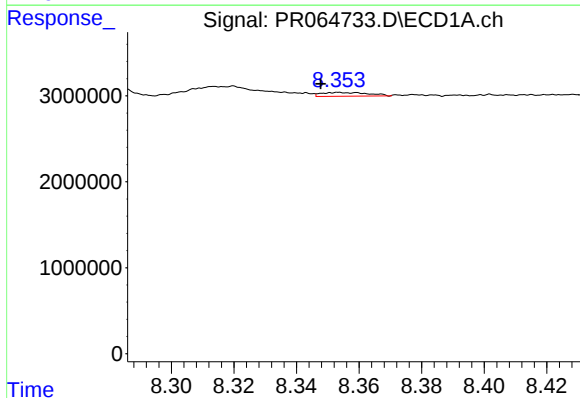
R.T.: 8.268 min
Delta R.T.: 0.013 min
Response: 9810904
Conc: 17.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



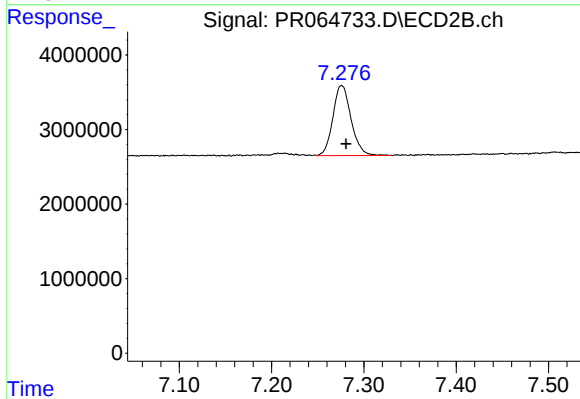
#41 AR-1268-1

R.T.: 7.214 min
Delta R.T.: 0.003 min
Response: 657337
Conc: 0.84 ng/ml



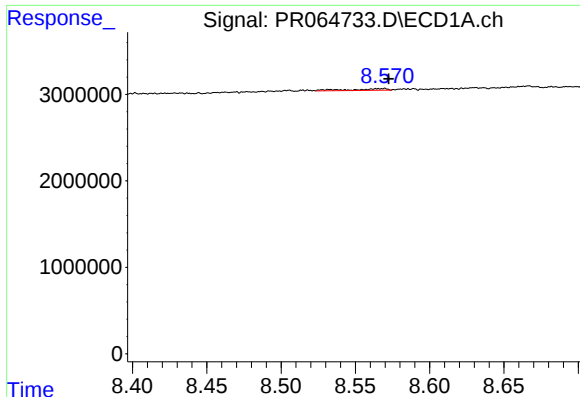
#42 AR-1268-2

R.T.: 8.354 min
Delta R.T.: 0.006 min
Response: 453786
Conc: 0.90 ng/ml



#42 AR-1268-2

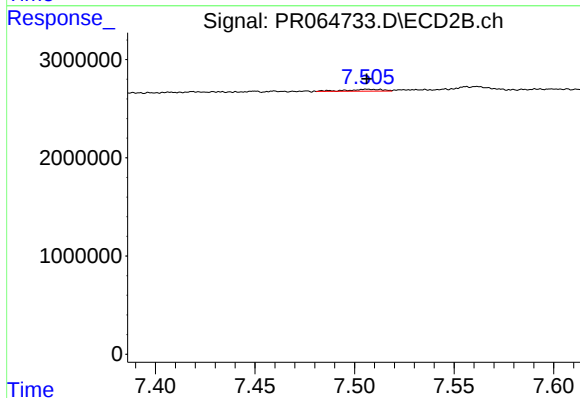
R.T.: 7.276 min
Delta R.T.: -0.005 min
Response: 12910422
Conc: 17.99 ng/ml



#43 AR-1268-3

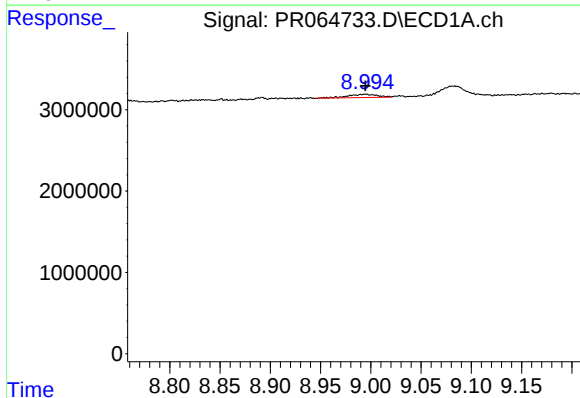
R.T.: 8.569 min
Delta R.T.: -0.003 min
Response: 315519
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



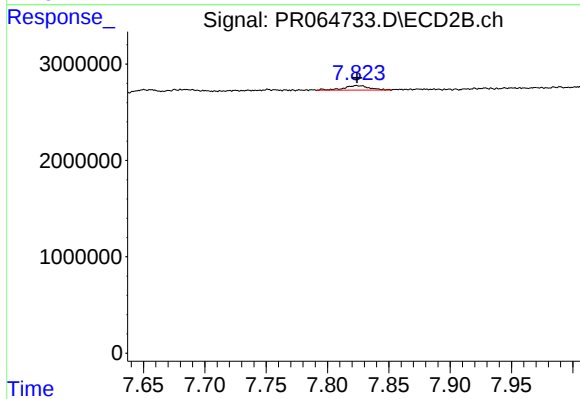
#43 AR-1268-3

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 221628
Conc: 0.37 ng/ml



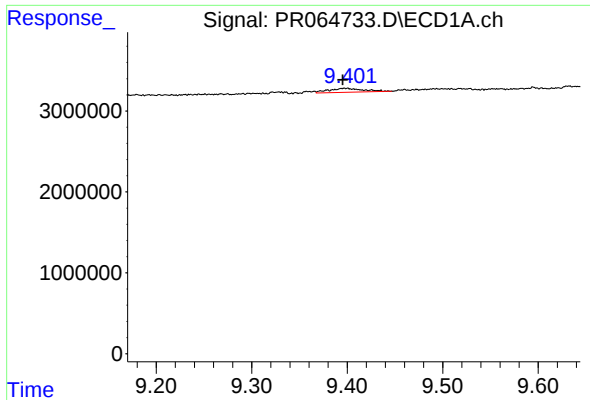
#44 AR-1268-4

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 829401
Conc: 4.46 ng/ml



#44 AR-1268-4

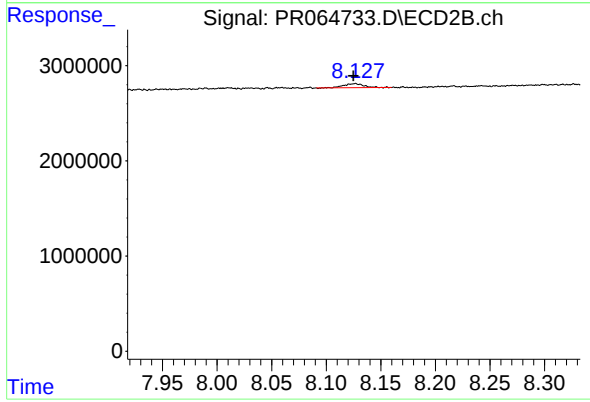
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 699675
Conc: 2.80 ng/ml



#45 AR-1268-5

R.T.: 9.398 min
Delta R.T.: 0.003 min
Response: 1216406
Conc: 0.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.127 min
Delta R.T.: 0.002 min
Response: 518202
Conc: 0.29 ng/ml