

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
 Data File : PR063930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 02:34
 Operator : AJ\MA
 Sample : 04699-08
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 06:57:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 10 14:16:46 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.737	3.026	137.1E6	88035085	21.726	22.522
2)	SA Decachlor...	9.758	8.427	110.4E6	68501398	23.392	22.470
Target Compounds							
3)	L1 AR-1016-1	4.980	4.178	10002259	6931998	47.749	48.704
4)	L1 AR-1016-2	5.002	4.197	14767593	9197442	47.455	47.067
5)	L1 AR-1016-3	5.068	4.380	9567718	5238364	49.950	47.284
6)	L1 AR-1016-4	5.170	4.432	6762780	4211787	45.083	48.050
7)	L1 AR-1016-5	5.490	4.655	7433619	5368280	50.124	48.686
8)	L2 AR-1221-1	3.957	3.257	1388699	540230	18.755	11.194 #
9)	L2 AR-1221-2	4.053	3.340	2776950	1913957	52.750	51.683
10)	L2 AR-1221-3	4.133	3.426	5690363	4184427	33.828	37.722
11)	L3 AR-1232-1	4.133	3.426	5690363	4184427	44.701	49.136
12)	L3 AR-1232-2	4.690	4.197	7356242	9197442	100.426	105.505
13)	L3 AR-1232-3	5.002	4.380	14767593	5238364	106.340	108.708
14)	L3 AR-1232-4	5.170	4.475	6762780	5165388	96.363	123.708 #
15)	L3 AR-1232-5	5.275	4.655	5970740	5368280	116.555	112.314
16)	L4 AR-1242-1	4.980	4.178	10002259	6931998	63.770	64.359
17)	L4 AR-1242-2	5.002	4.197	14767593	9197442	62.313	62.564
18)	L4 AR-1242-3	5.068	4.380	9567718	5238364	63.354	64.157
19)	L4 AR-1242-4	5.170	4.475	6762780	5165388	55.976	64.090
20)	L4 AR-1242-5	5.968	5.035	2404920	5408125	19.445	52.154 #
21)	L5 AR-1248-1	4.980	4.178	10002259	6931998	82.602	82.347
22)	L5 AR-1248-2	5.275	4.432	5970740	4211787	35.034	36.381
23)	L5 AR-1248-3	5.490	4.475	7433619	5165388	37.401	43.637
24)	L5 AR-1248-4	5.928	4.655	2652731	5368280	12.519	37.800 #
25)	L5 AR-1248-5	5.968	5.078	2404920	1311852	10.934	9.428
26)	L6 AR-1254-1	5.897	5.035	6987682	5408125	31.910	26.511
27)	L6 AR-1254-2	6.137	5.198	6144393	4041496	18.321	21.972
28)	L6 AR-1254-3	6.531	5.651f	3018251	6766058	8.945	23.319 #
29)	L6 AR-1254-4	6.845	5.883	1297090	1224382	5.402	6.794 #
30)	L6 AR-1254-5	7.303	6.337	18084093	13317730	66.364	49.668 #
31)	L7 AR-1260-1	6.714	5.774	14077707	11107650	51.311	51.845
32)	L7 AR-1260-2	6.999	5.983	17045061	12733378	53.155	49.790
33)	L7 AR-1260-3	7.392	6.146	12558849	12958674	64.156	51.408
34)	L7 AR-1260-4	7.636	6.663	13159360	9876470	54.190	57.774
35)	L7 AR-1260-5	7.976	6.931	25605756	19226081	56.558	52.268
36)	L8 AR-1262-1	7.392	6.440	12558849	5005090	38.537	46.222
37)	L8 AR-1262-2	7.976	6.663	25605756	9876470	45.179	42.540
38)	L8 AR-1262-3	8.297	7.243	16356039	6021738	43.646	35.015
39)	L8 AR-1262-4	8.379	7.310	4587185	16105279	16.194	50.332 #
40)	L8 AR-1262-5	9.029	7.857	11289708	3592373	54.977	25.647 #
41)	L9 AR-1268-1	8.297	7.243	16356039	6021738	25.304	12.439 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
Data File : PR063930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2023 02:34
Operator : AJ\MA
Sample : 04699-08
Misc : AR1221 LOQ 50 PPB
ALS Vial : 52 Sample Multiplier: 1

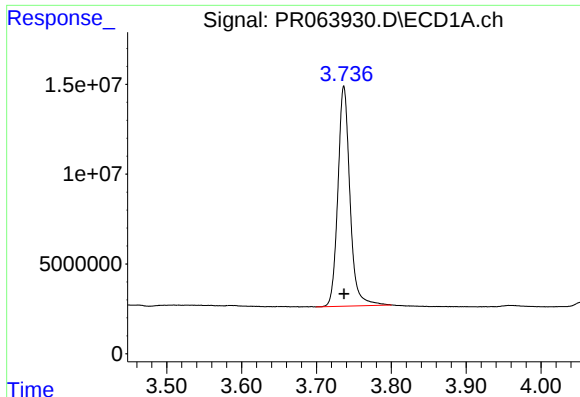
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 06:57:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 10 14:16:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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	8.379	7.310	4587185	16105279	7.934	36.217 #
43)	L9 AR-1268-3	8.607	7.540	3675404	560633	7.051	1.496 #
44)	L9 AR-1268-4	9.029	7.857	11289708	3592373	51.404	23.866 #
45)	L9 AR-1268-5	9.433	8.159	2054606	1834871	1.238	1.657 #

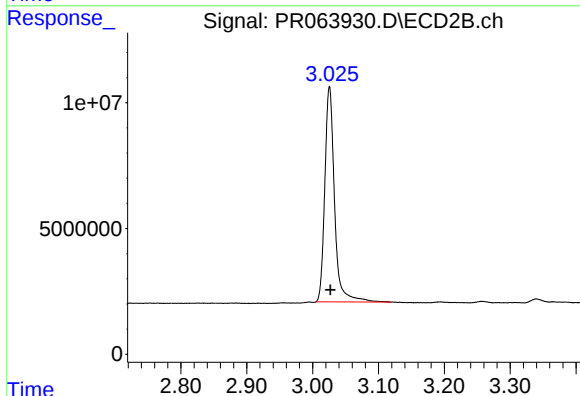
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

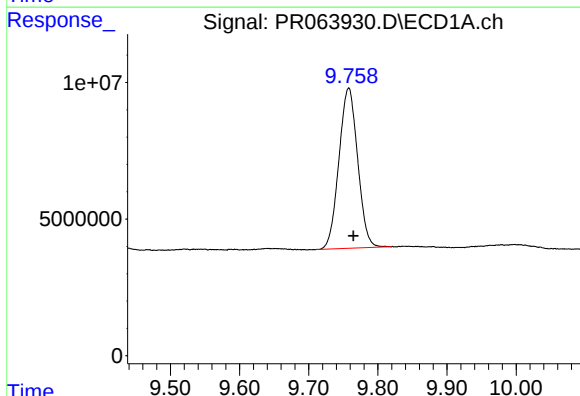
R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 137106183
Conc: 21.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



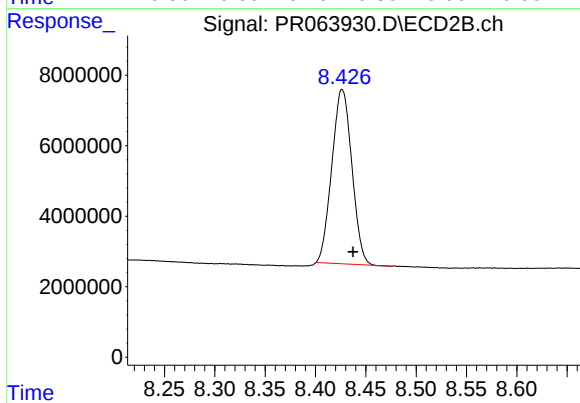
#1 Tetrachloro-m-xylene

R.T.: 3.026 min
Delta R.T.: -0.001 min
Response: 88035085
Conc: 22.52 ng/ml



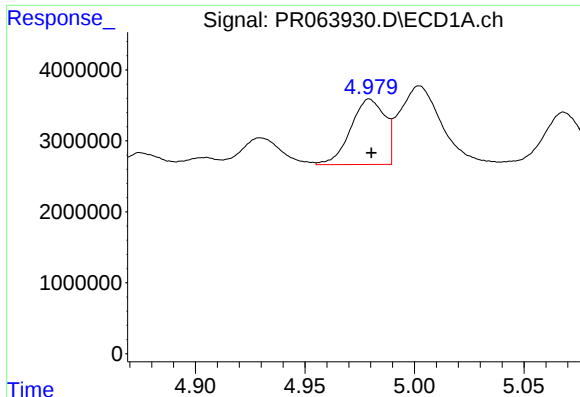
#2 Decachlorobiphenyl

R.T.: 9.758 min
Delta R.T.: -0.007 min
Response: 110384934
Conc: 23.39 ng/ml



#2 Decachlorobiphenyl

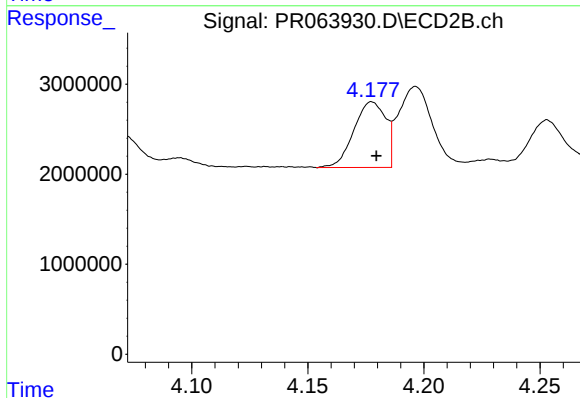
R.T.: 8.427 min
Delta R.T.: -0.011 min
Response: 68501398
Conc: 22.47 ng/ml



#3 AR-1016-1

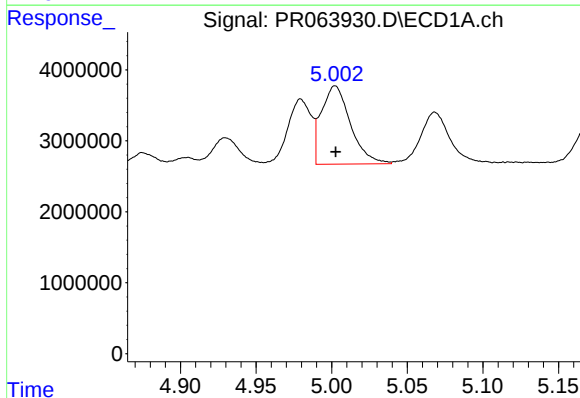
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 10002259
Conc: 47.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



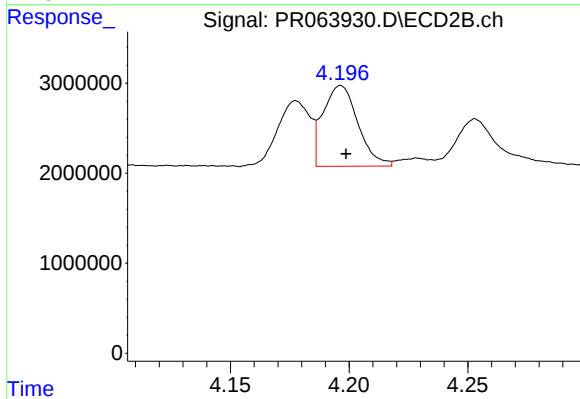
#3 AR-1016-1

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 6931998
Conc: 48.70 ng/ml



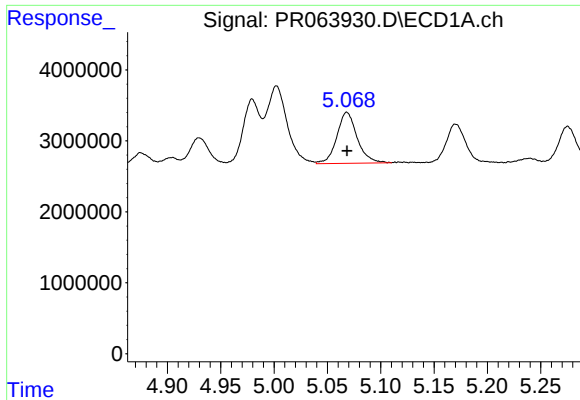
#4 AR-1016-2

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 14767593
Conc: 47.46 ng/ml



#4 AR-1016-2

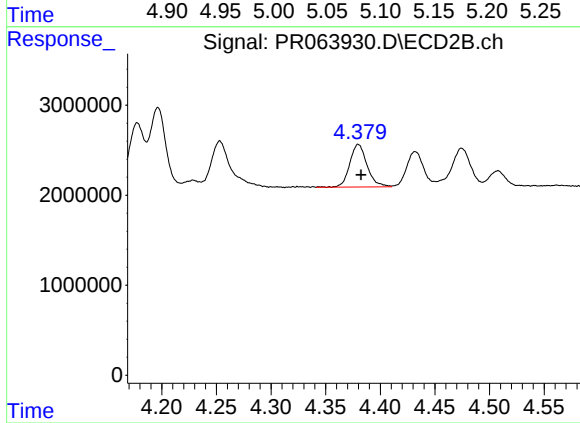
R.T.: 4.197 min
Delta R.T.: -0.002 min
Response: 9197442
Conc: 47.07 ng/ml



#5 AR-1016-3

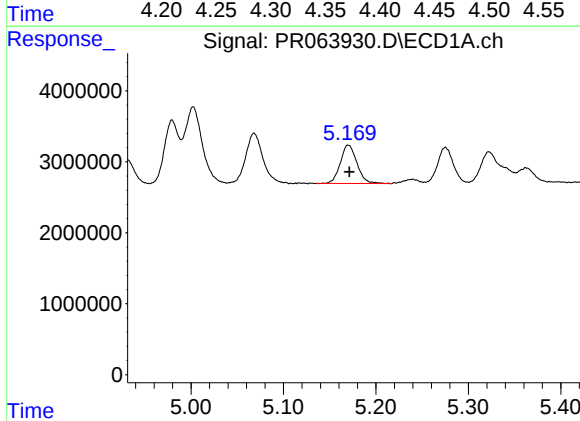
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 9567718
Conc: 49.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



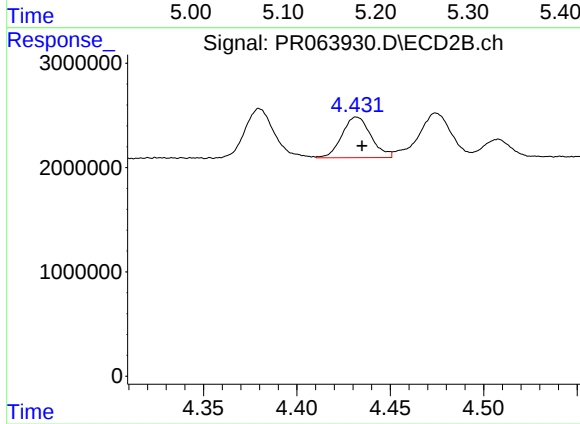
#5 AR-1016-3

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 5238364
Conc: 47.28 ng/ml



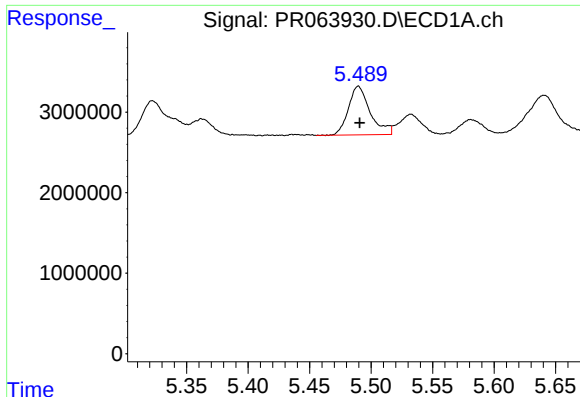
#6 AR-1016-4

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 6762780
Conc: 45.08 ng/ml



#6 AR-1016-4

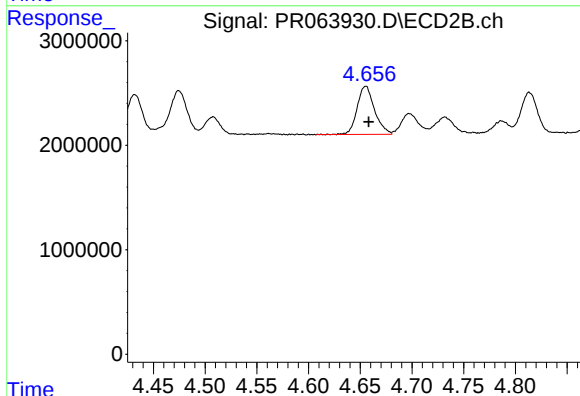
R.T.: 4.432 min
Delta R.T.: -0.003 min
Response: 4211787
Conc: 48.05 ng/ml



#7 AR-1016-5

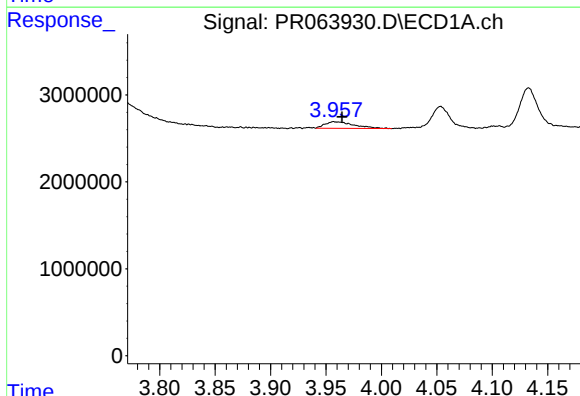
R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 7433619
Conc: 50.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



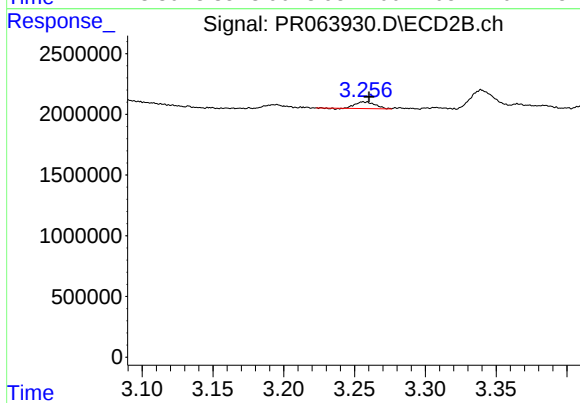
#7 AR-1016-5

R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 5368280
Conc: 48.69 ng/ml



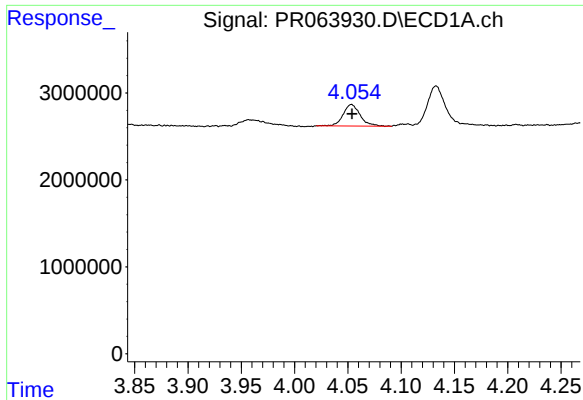
#8 AR-1221-1

R.T.: 3.957 min
Delta R.T.: -0.008 min
Response: 1388699
Conc: 18.75 ng/ml



#8 AR-1221-1

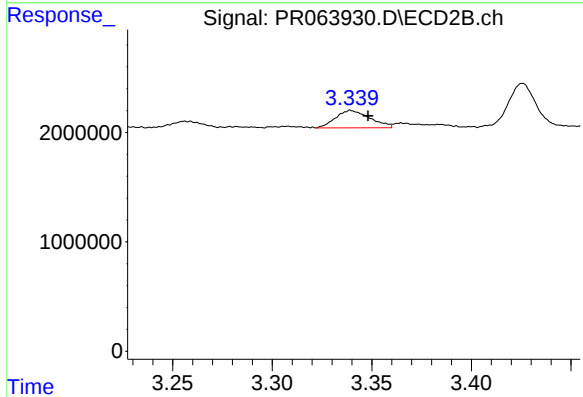
R.T.: 3.257 min
Delta R.T.: -0.004 min
Response: 540230
Conc: 11.19 ng/ml



#9 AR-1221-2

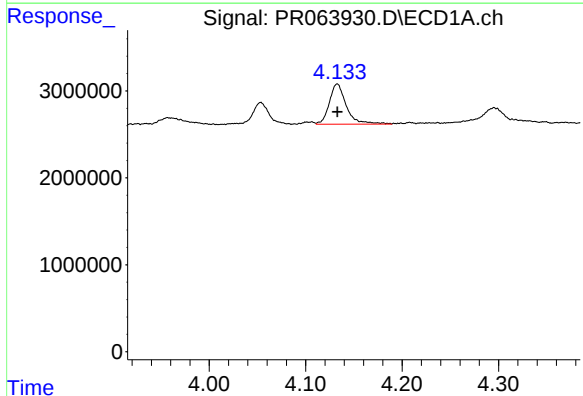
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 2776950
Conc: 52.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



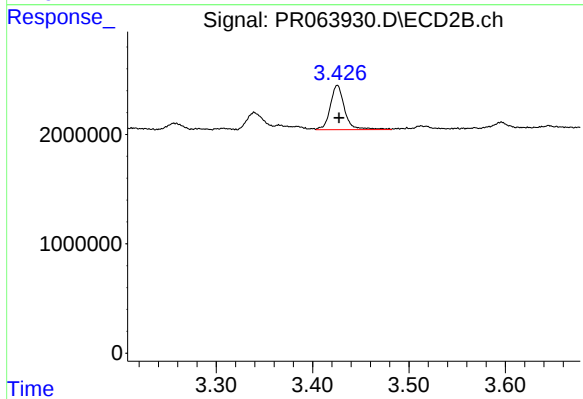
#9 AR-1221-2

R.T.: 3.340 min
Delta R.T.: -0.009 min
Response: 1913957
Conc: 51.68 ng/ml



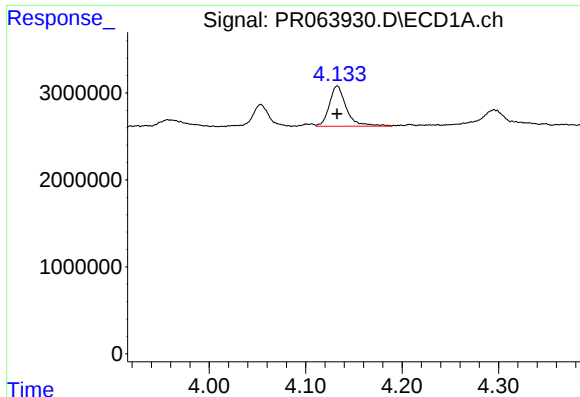
#10 AR-1221-3

R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 5690363
Conc: 33.83 ng/ml



#10 AR-1221-3

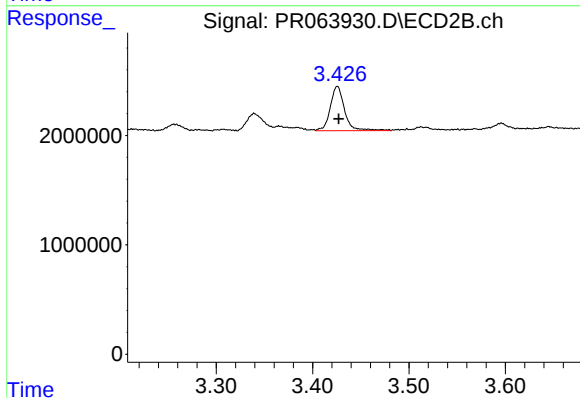
R.T.: 3.426 min
Delta R.T.: -0.002 min
Response: 4184427
Conc: 37.72 ng/ml



#11 AR-1232-1

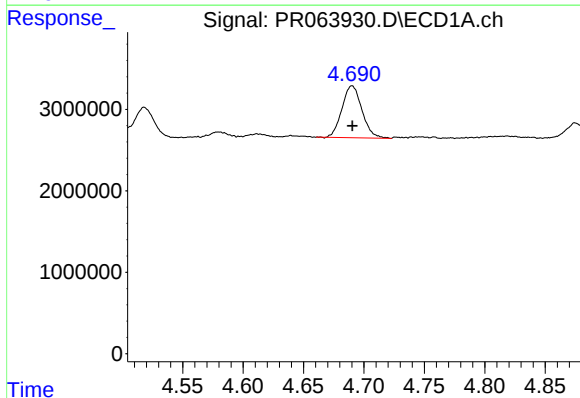
R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 5690363
Conc: 44.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



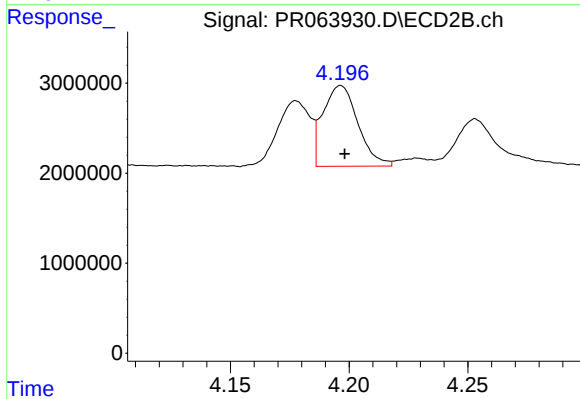
#11 AR-1232-1

R.T.: 3.426 min
Delta R.T.: -0.001 min
Response: 4184427
Conc: 49.14 ng/ml



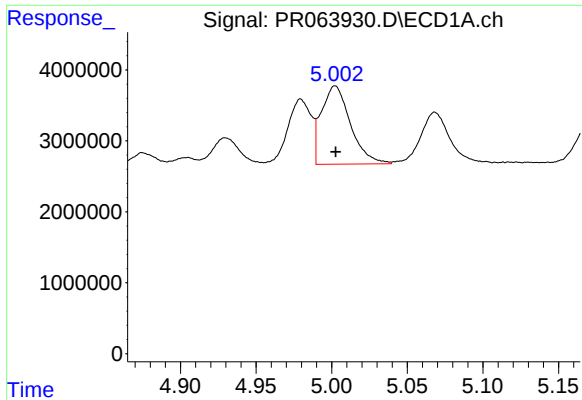
#12 AR-1232-2

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 7356242
Conc: 100.43 ng/ml



#12 AR-1232-2

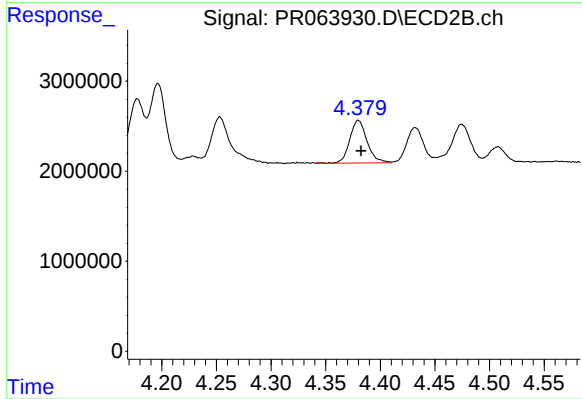
R.T.: 4.197 min
Delta R.T.: -0.002 min
Response: 9197442
Conc: 105.50 ng/ml



#13 AR-1232-3

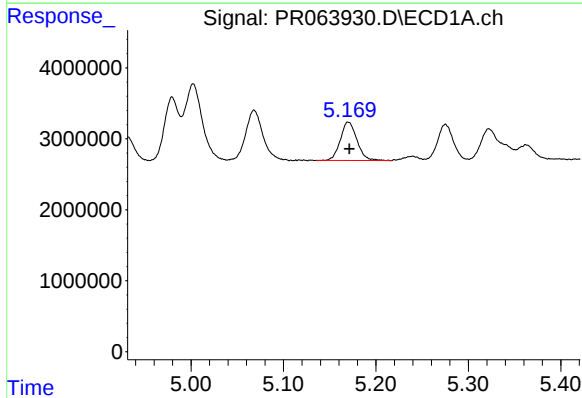
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 14767593
Conc: 106.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



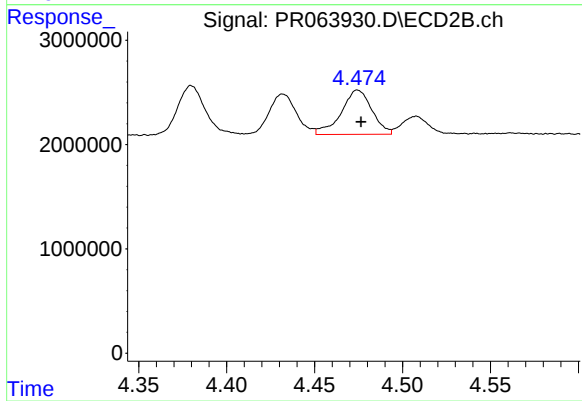
#13 AR-1232-3

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 5238364
Conc: 108.71 ng/ml



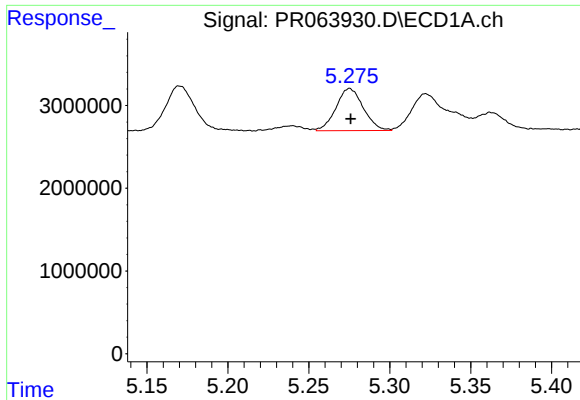
#14 AR-1232-4

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 6762780
Conc: 96.36 ng/ml



#14 AR-1232-4

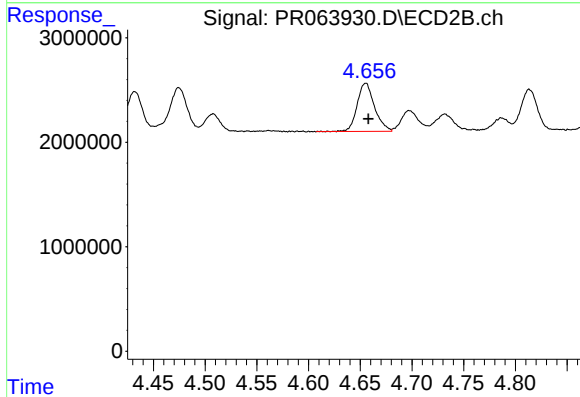
R.T.: 4.475 min
Delta R.T.: -0.002 min
Response: 5165388
Conc: 123.71 ng/ml



#15 AR-1232-5

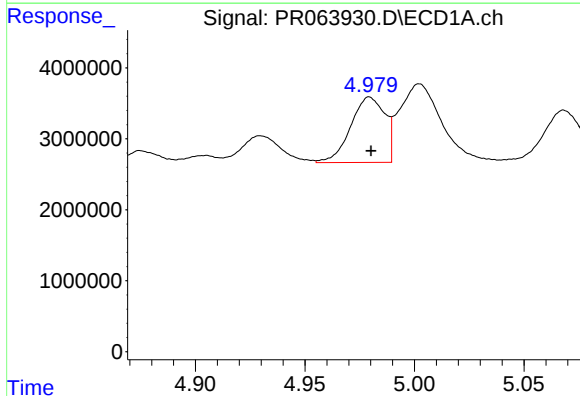
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 5970740
Conc: 116.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



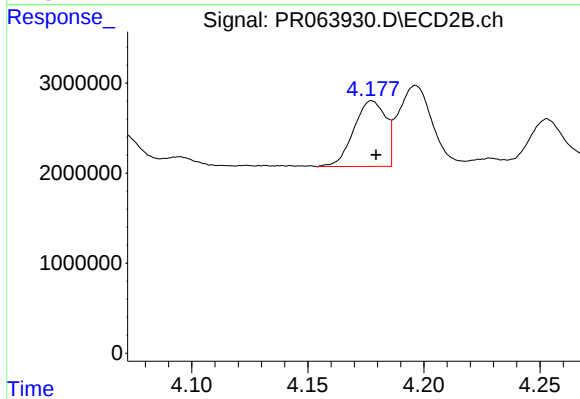
#15 AR-1232-5

R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 5368280
Conc: 112.31 ng/ml



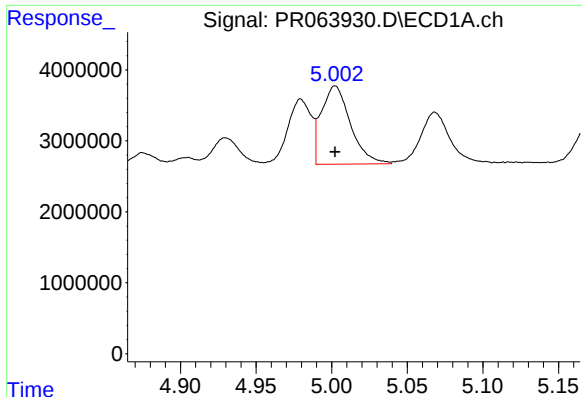
#16 AR-1242-1

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 10002259
Conc: 63.77 ng/ml



#16 AR-1242-1

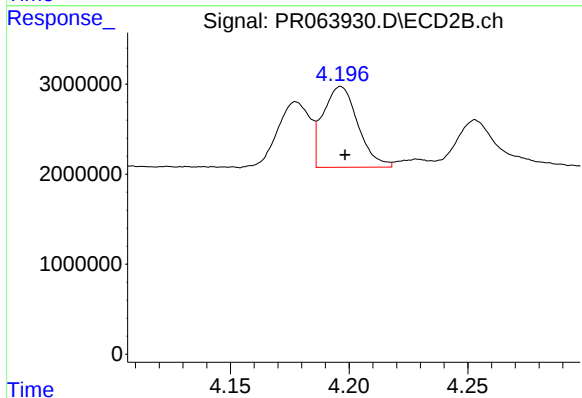
R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 6931998
Conc: 64.36 ng/ml



#17 AR-1242-2

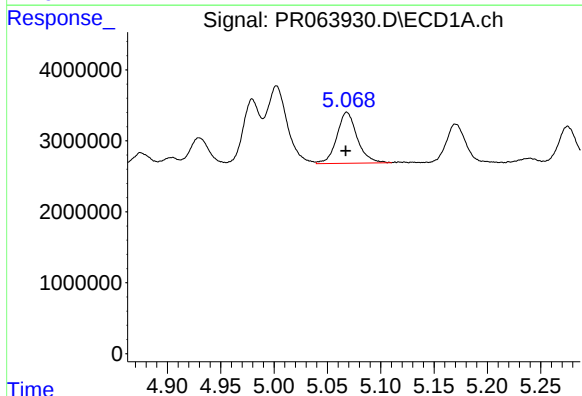
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 14767593
Conc: 62.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



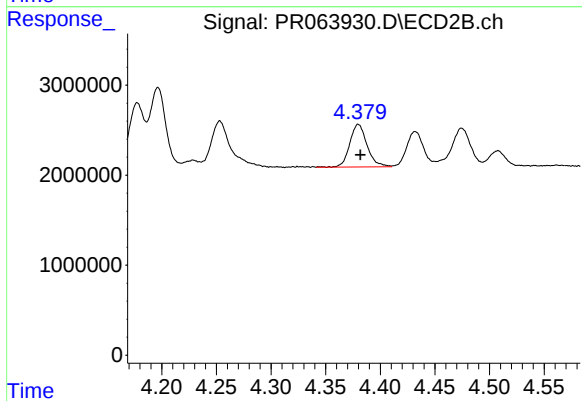
#17 AR-1242-2

R.T.: 4.197 min
Delta R.T.: -0.002 min
Response: 9197442
Conc: 62.56 ng/ml



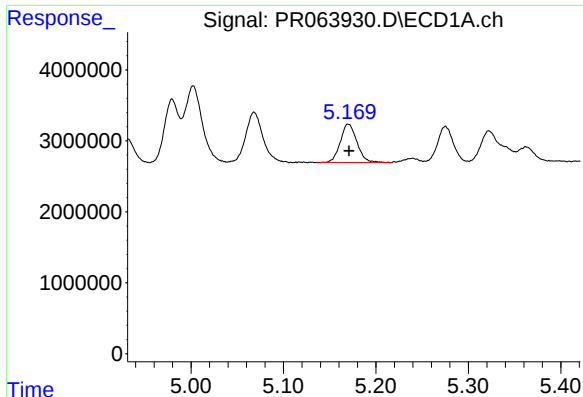
#18 AR-1242-3

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 9567718
Conc: 63.35 ng/ml



#18 AR-1242-3

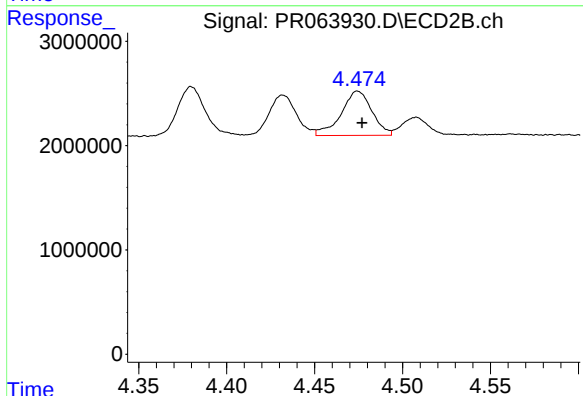
R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 5238364
Conc: 64.16 ng/ml



#19 AR-1242-4

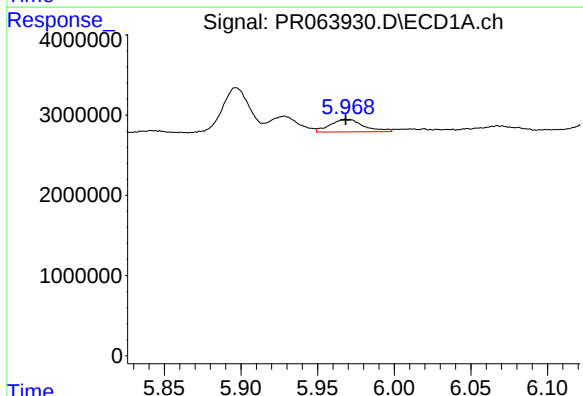
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 6762780
Conc: 55.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



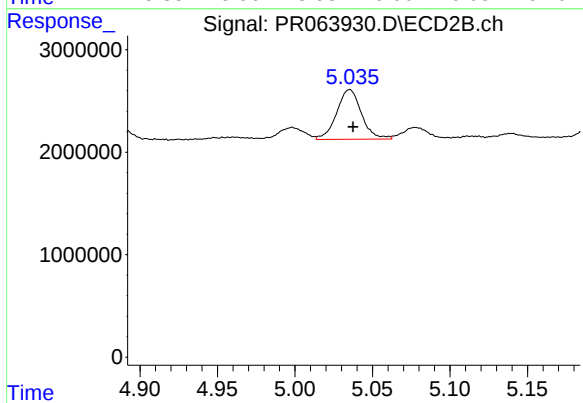
#19 AR-1242-4

R.T.: 4.475 min
Delta R.T.: -0.002 min
Response: 5165388
Conc: 64.09 ng/ml



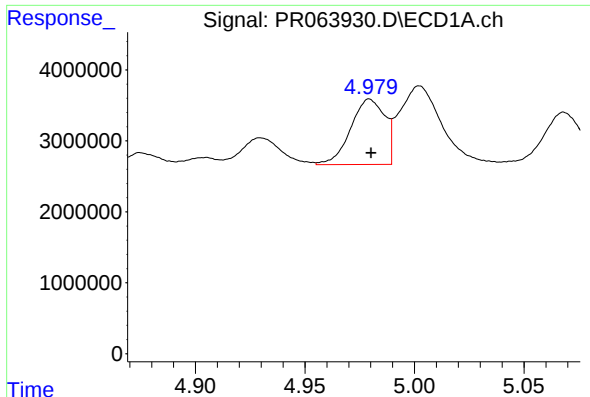
#20 AR-1242-5

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 2404920
Conc: 19.44 ng/ml



#20 AR-1242-5

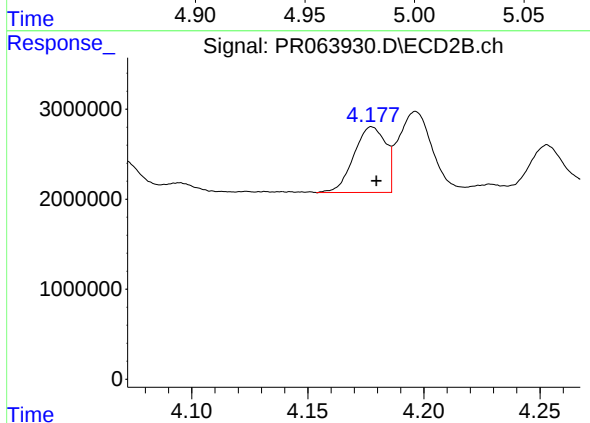
R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 5408125
Conc: 52.15 ng/ml



#21 AR-1248-1

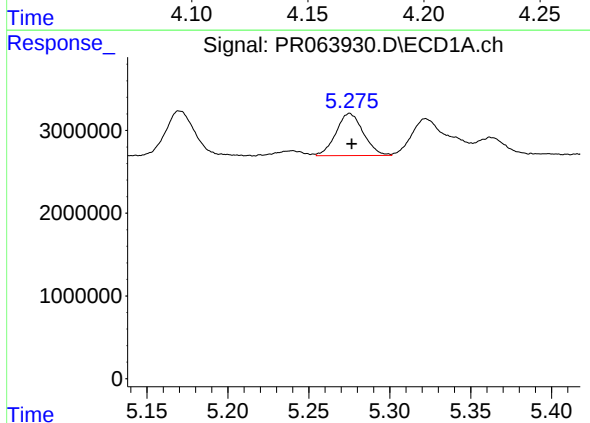
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 10002259
Conc: 82.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



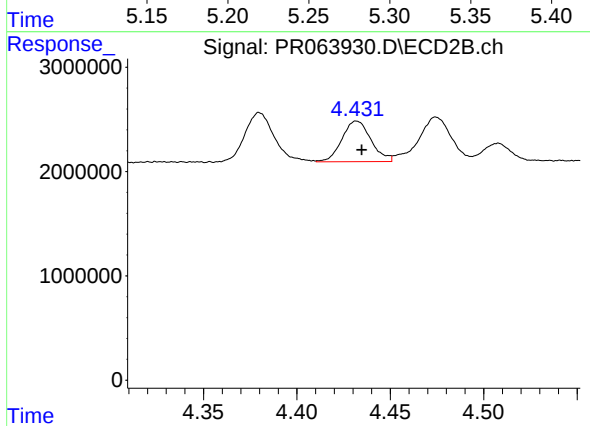
#21 AR-1248-1

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 6931998
Conc: 82.35 ng/ml



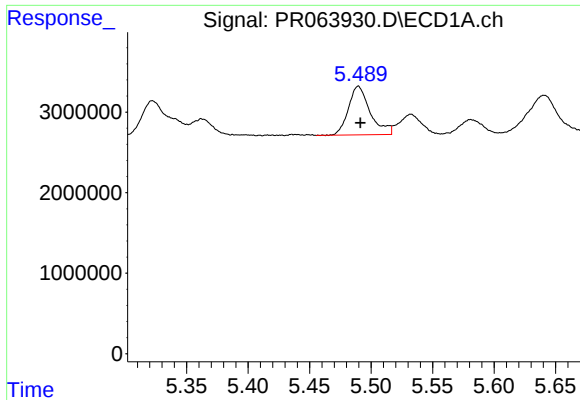
#22 AR-1248-2

R.T.: 5.275 min
Delta R.T.: -0.001 min
Response: 5970740
Conc: 35.03 ng/ml



#22 AR-1248-2

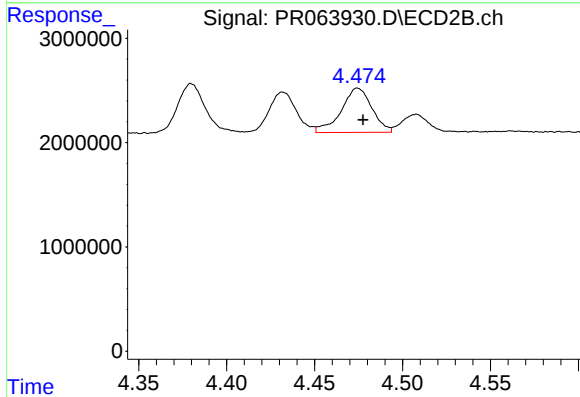
R.T.: 4.432 min
Delta R.T.: -0.003 min
Response: 4211787
Conc: 36.38 ng/ml



#23 AR-1248-3

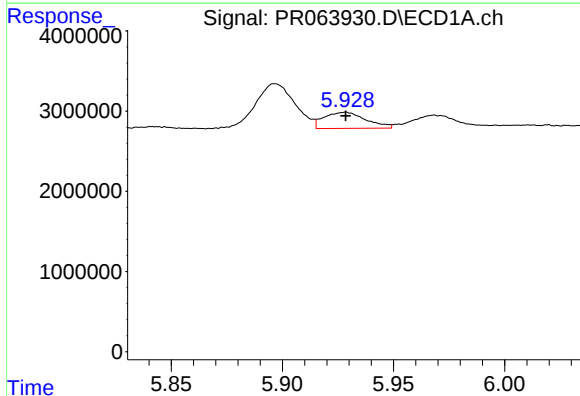
R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 7433619
Conc: 37.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



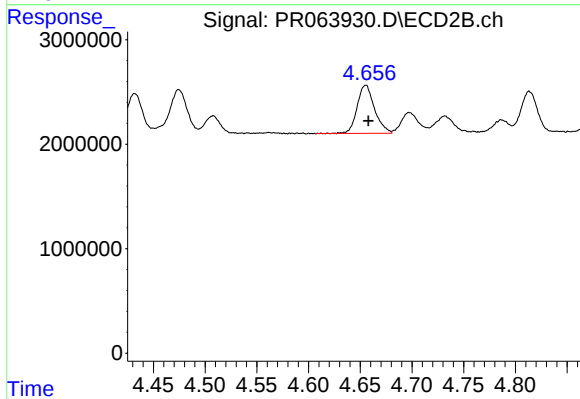
#23 AR-1248-3

R.T.: 4.475 min
Delta R.T.: -0.003 min
Response: 5165388
Conc: 43.64 ng/ml



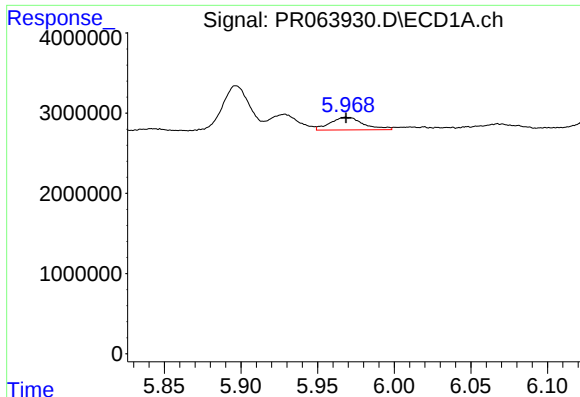
#24 AR-1248-4

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 2652731
Conc: 12.52 ng/ml



#24 AR-1248-4

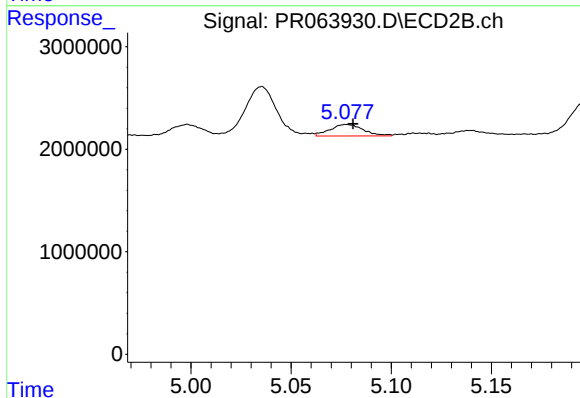
R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 5368280
Conc: 37.80 ng/ml



#25 AR-1248-5

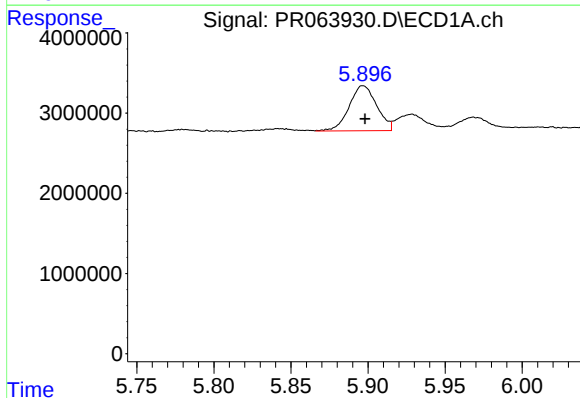
R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 2404920
Conc: 10.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



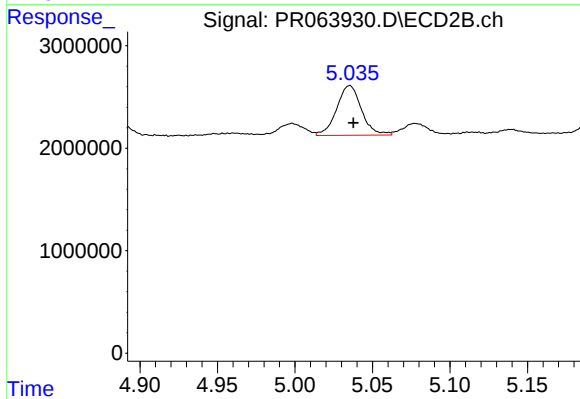
#25 AR-1248-5

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 1311852
Conc: 9.43 ng/ml



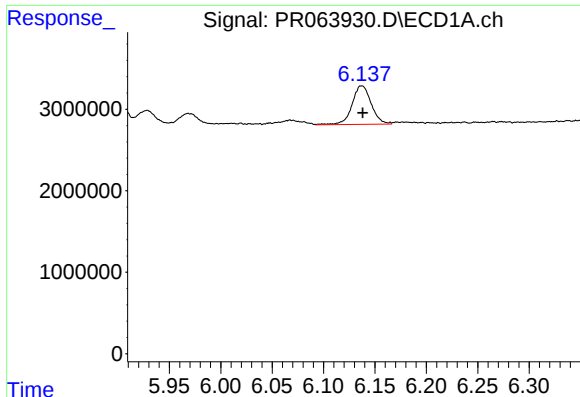
#26 AR-1254-1

R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 6987682
Conc: 31.91 ng/ml



#26 AR-1254-1

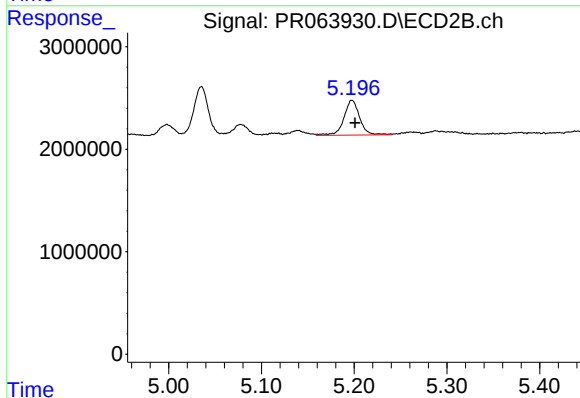
R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 5408125
Conc: 26.51 ng/ml



#27 AR-1254-2

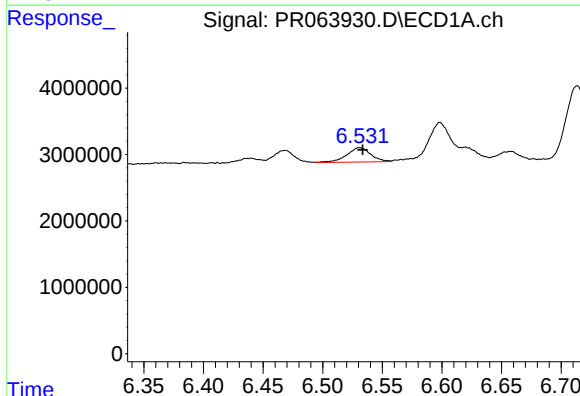
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 6144393
Conc: 18.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



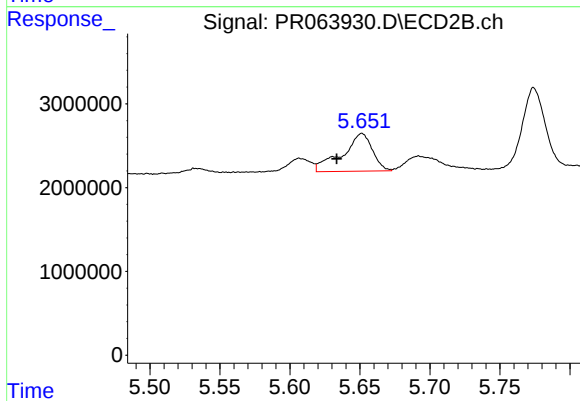
#27 AR-1254-2

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 4041496
Conc: 21.97 ng/ml



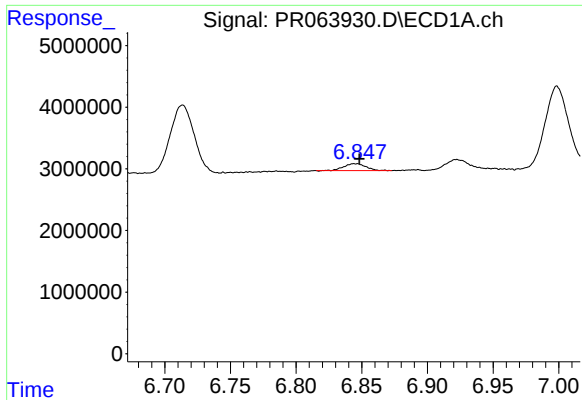
#28 AR-1254-3

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 3018251
Conc: 8.94 ng/ml



#28 AR-1254-3

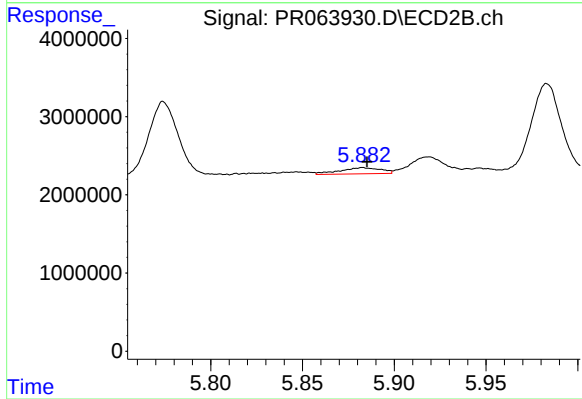
R.T.: 5.651 min
Delta R.T.: 0.018 min
Response: 6766058
Conc: 23.32 ng/ml



#29 AR-1254-4

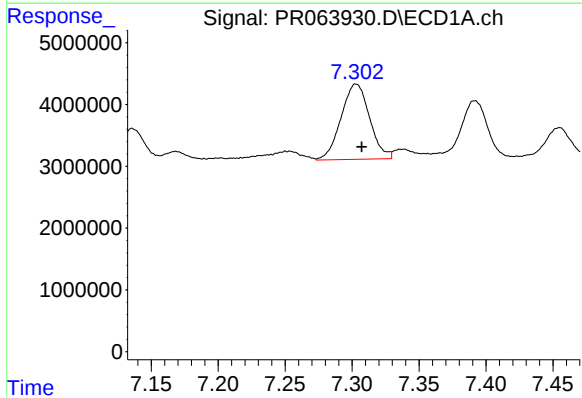
R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 1297090
Conc: 5.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



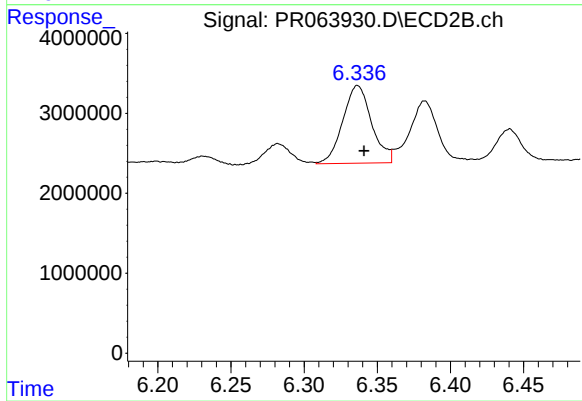
#29 AR-1254-4

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 1224382
Conc: 6.79 ng/ml



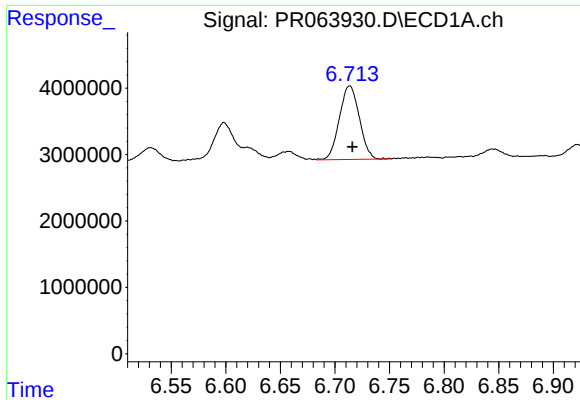
#30 AR-1254-5

R.T.: 7.303 min
Delta R.T.: -0.004 min
Response: 18084093
Conc: 66.36 ng/ml



#30 AR-1254-5

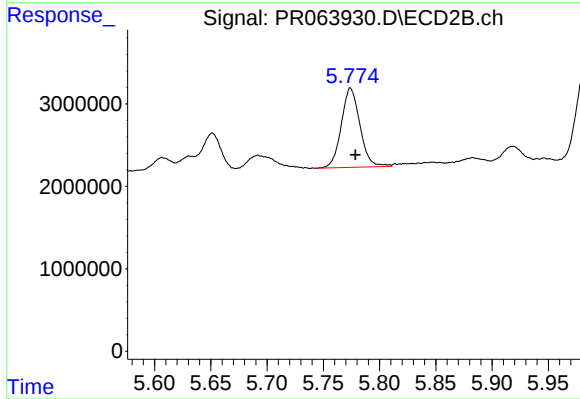
R.T.: 6.337 min
Delta R.T.: -0.004 min
Response: 13317730
Conc: 49.67 ng/ml



#31 AR-1260-1

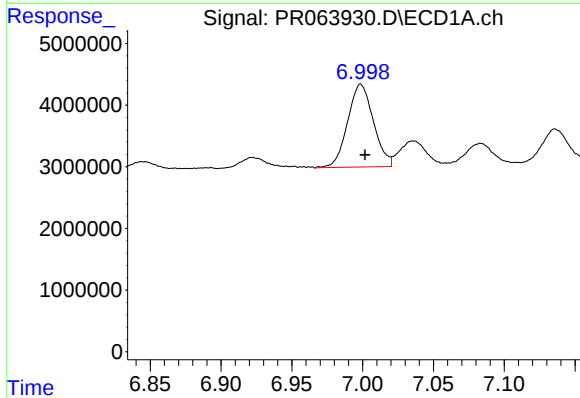
R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 14077707
Conc: 51.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



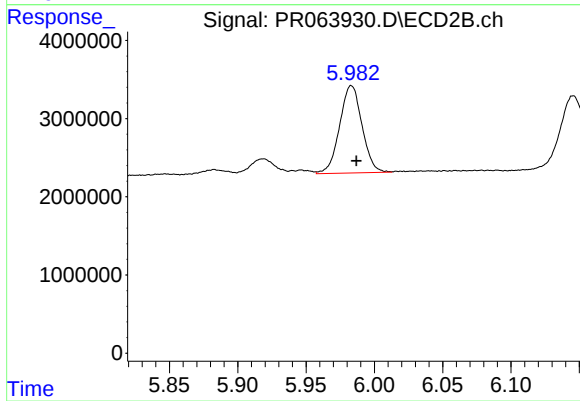
#31 AR-1260-1

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 11107650
Conc: 51.84 ng/ml



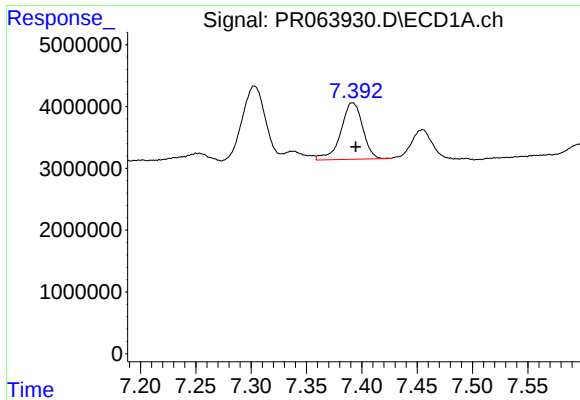
#32 AR-1260-2

R.T.: 6.999 min
Delta R.T.: -0.003 min
Response: 17045061
Conc: 53.16 ng/ml



#32 AR-1260-2

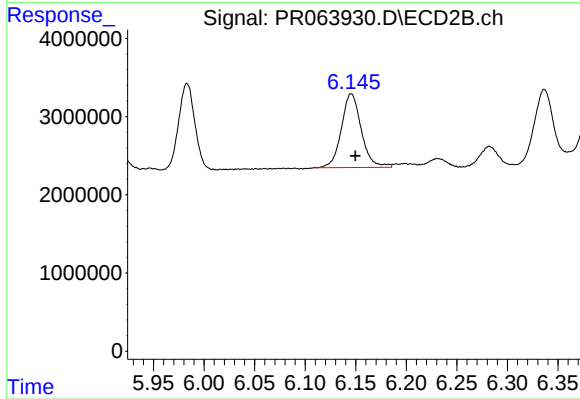
R.T.: 5.983 min
Delta R.T.: -0.003 min
Response: 12733378
Conc: 49.79 ng/ml



#33 AR-1260-3

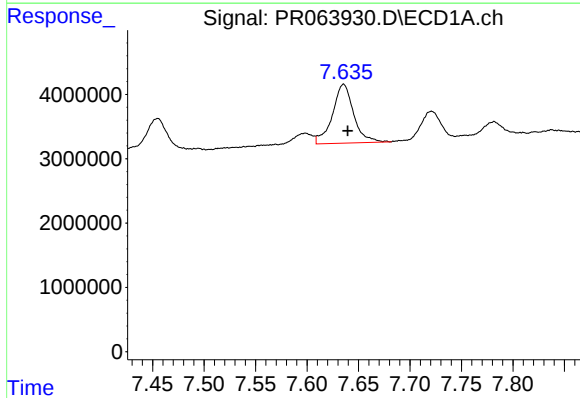
R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 12558849
Conc: 64.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



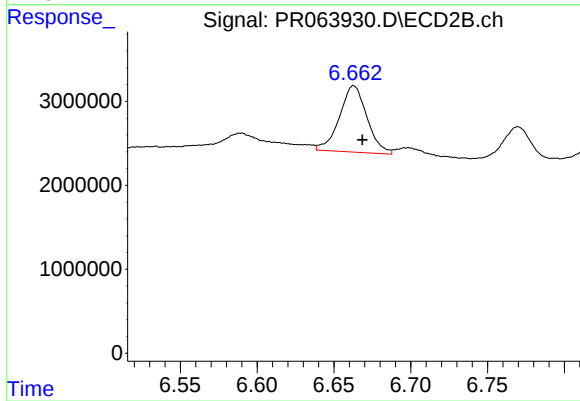
#33 AR-1260-3

R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 12958674
Conc: 51.41 ng/ml



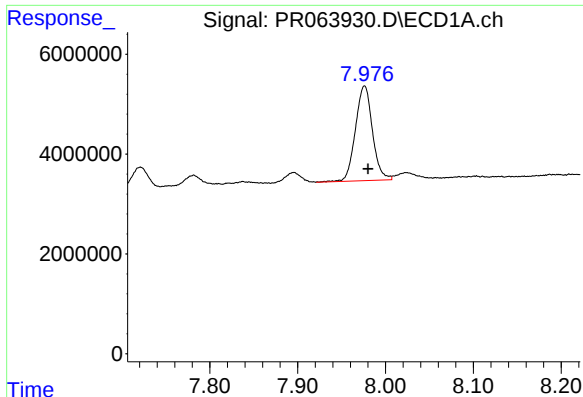
#34 AR-1260-4

R.T.: 7.636 min
Delta R.T.: -0.004 min
Response: 13159360
Conc: 54.19 ng/ml



#34 AR-1260-4

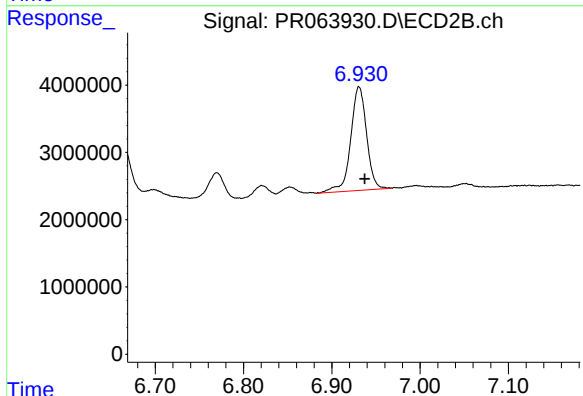
R.T.: 6.663 min
Delta R.T.: -0.006 min
Response: 9876470
Conc: 57.77 ng/ml



#35 AR-1260-5

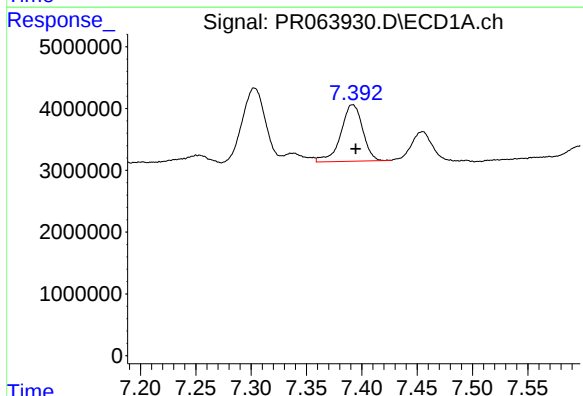
R.T.: 7.976 min
Delta R.T.: -0.004 min
Response: 25605756
Conc: 56.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



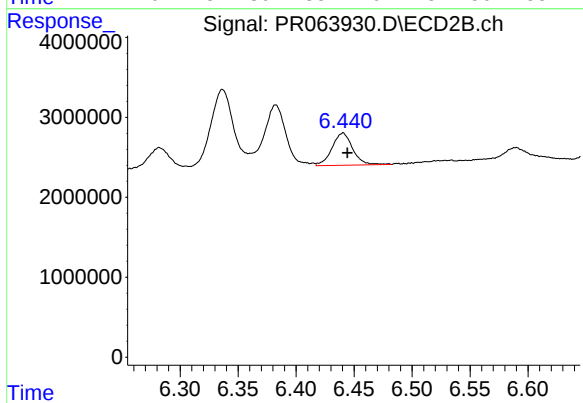
#35 AR-1260-5

R.T.: 6.931 min
Delta R.T.: -0.006 min
Response: 19226081
Conc: 52.27 ng/ml



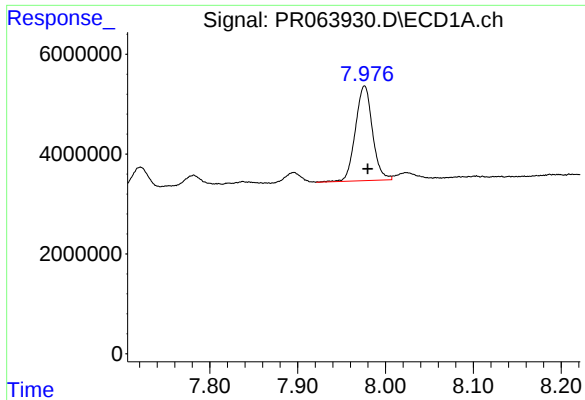
#36 AR-1262-1

R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 12558849
Conc: 38.54 ng/ml



#36 AR-1262-1

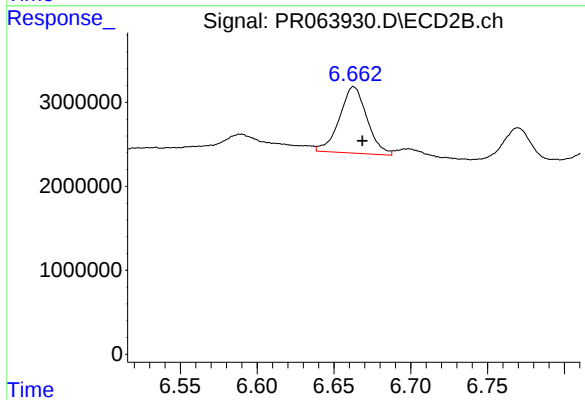
R.T.: 6.440 min
Delta R.T.: -0.004 min
Response: 5005090
Conc: 46.22 ng/ml



#37 AR-1262-2

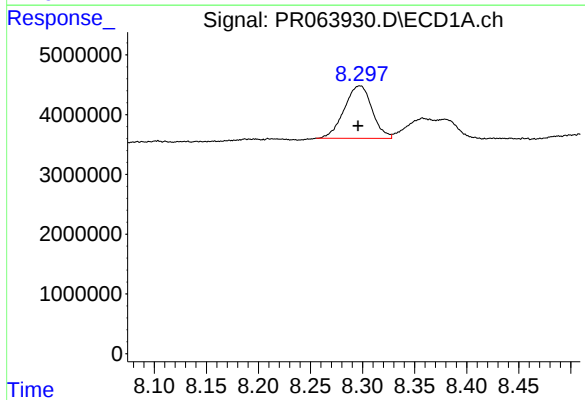
R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 25605756
Conc: 45.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



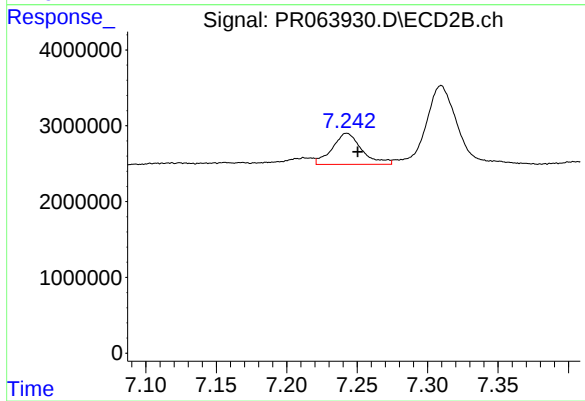
#37 AR-1262-2

R.T.: 6.663 min
Delta R.T.: -0.006 min
Response: 9876470
Conc: 42.54 ng/ml



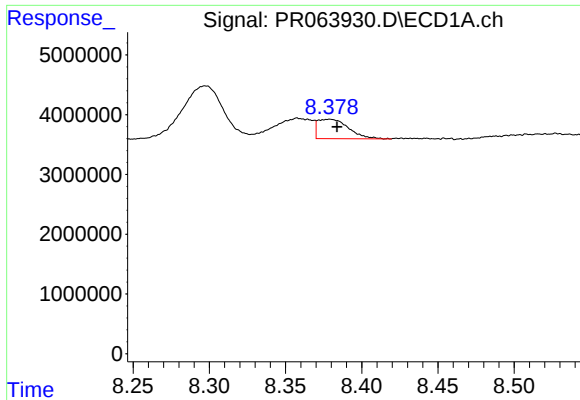
#38 AR-1262-3

R.T.: 8.297 min
Delta R.T.: 0.002 min
Response: 16356039
Conc: 43.65 ng/ml



#38 AR-1262-3

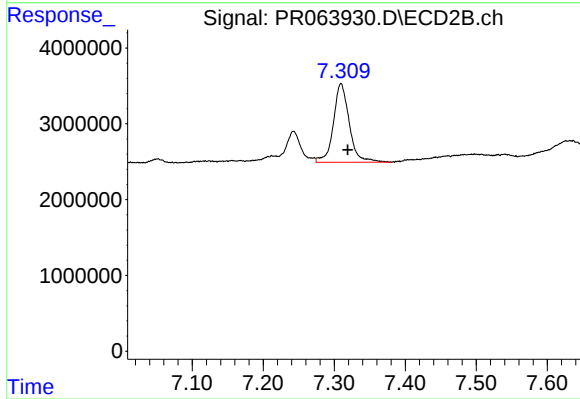
R.T.: 7.243 min
Delta R.T.: -0.008 min
Response: 6021738
Conc: 35.01 ng/ml



#39 AR-1262-4

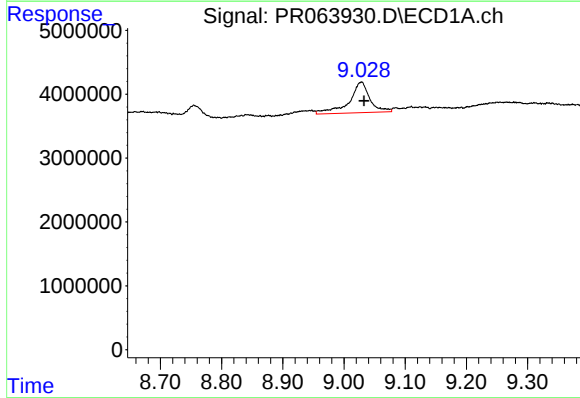
R.T.: 8.379 min
Delta R.T.: -0.005 min
Response: 4587185
Conc: 16.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



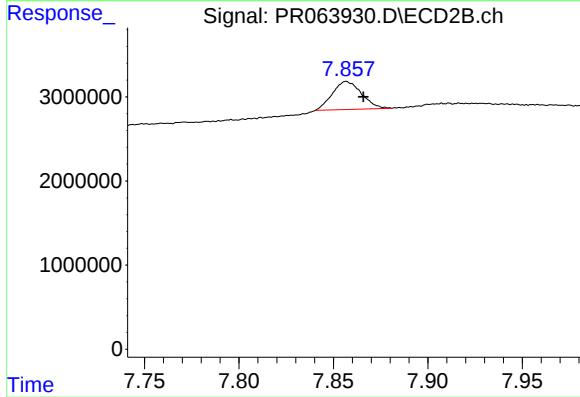
#39 AR-1262-4

R.T.: 7.310 min
Delta R.T.: -0.009 min
Response: 16105279
Conc: 50.33 ng/ml



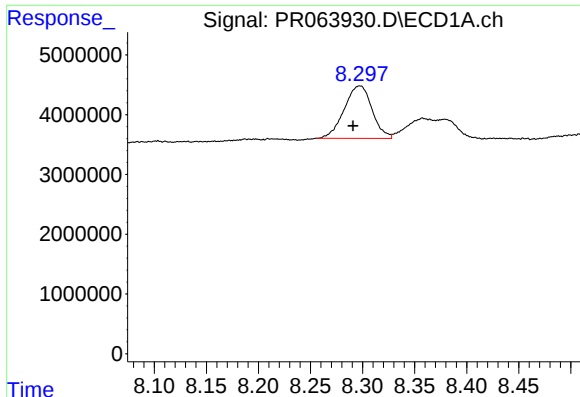
#40 AR-1262-5

R.T.: 9.029 min
Delta R.T.: -0.004 min
Response: 11289708
Conc: 54.98 ng/ml



#40 AR-1262-5

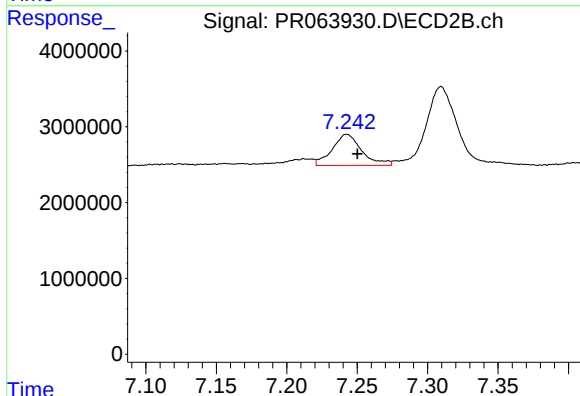
R.T.: 7.857 min
Delta R.T.: -0.009 min
Response: 3592373
Conc: 25.65 ng/ml



#41 AR-1268-1

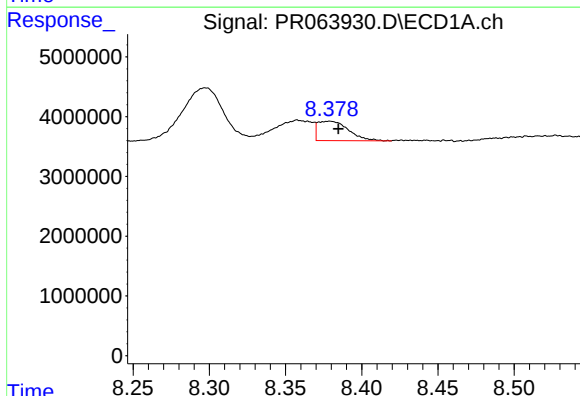
R.T.: 8.297 min
Delta R.T.: 0.007 min
Response: 16356039
Conc: 25.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



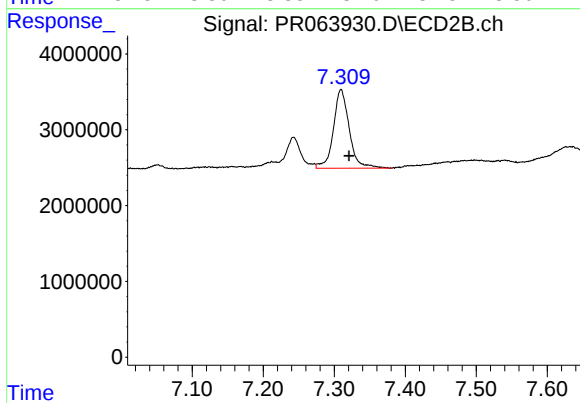
#41 AR-1268-1

R.T.: 7.243 min
Delta R.T.: -0.008 min
Response: 6021738
Conc: 12.44 ng/ml



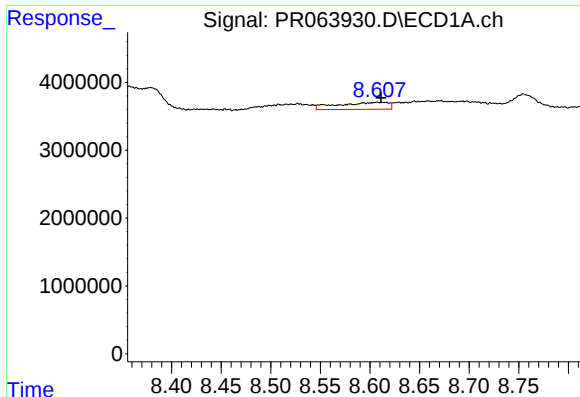
#42 AR-1268-2

R.T.: 8.379 min
Delta R.T.: -0.006 min
Response: 4587185
Conc: 7.93 ng/ml



#42 AR-1268-2

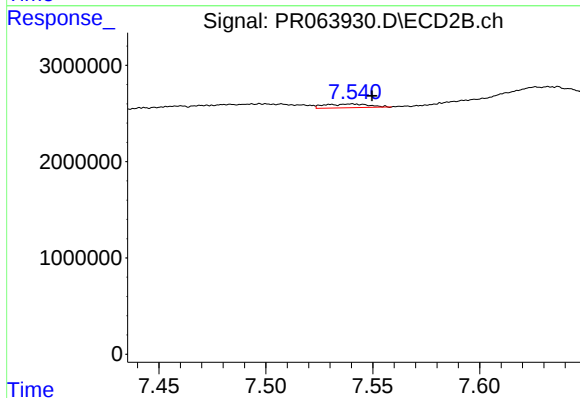
R.T.: 7.310 min
Delta R.T.: -0.011 min
Response: 16105279
Conc: 36.22 ng/ml



#43 AR-1268-3

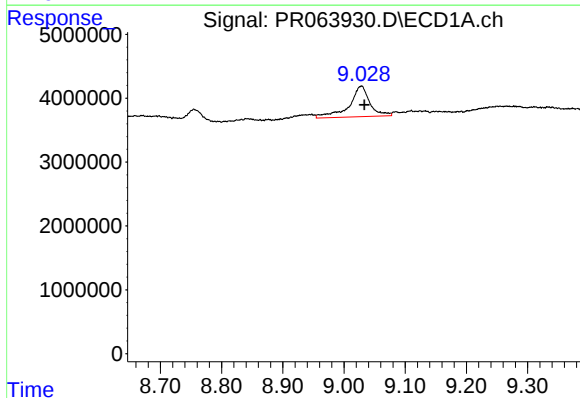
R.T.: 8.607 min
Delta R.T.: -0.004 min
Response: 3675404
Conc: 7.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



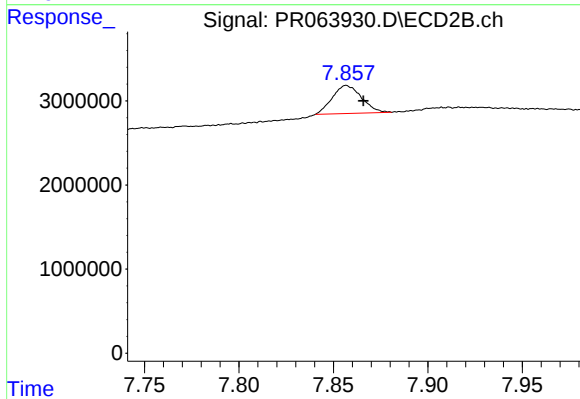
#43 AR-1268-3

R.T.: 7.540 min
Delta R.T.: -0.009 min
Response: 560633
Conc: 1.50 ng/ml



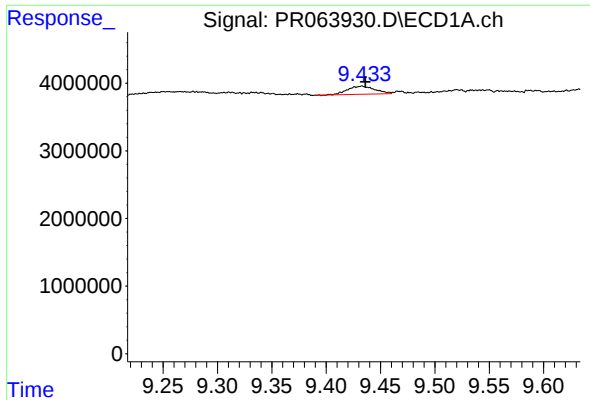
#44 AR-1268-4

R.T.: 9.029 min
Delta R.T.: -0.005 min
Response: 11289708
Conc: 51.40 ng/ml



#44 AR-1268-4

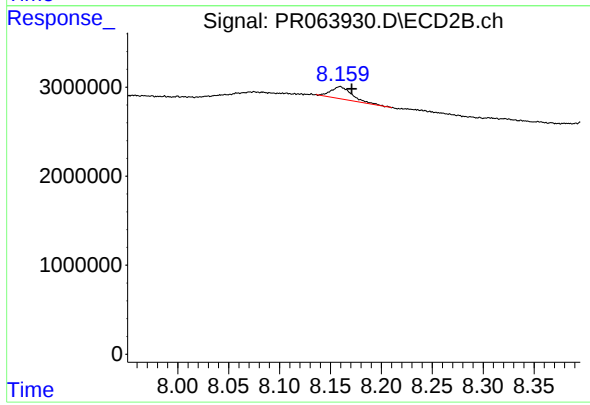
R.T.: 7.857 min
Delta R.T.: -0.009 min
Response: 3592373
Conc: 23.87 ng/ml



#45 AR-1268-5

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 2054606
Conc: 1.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.159 min
Delta R.T.: -0.011 min
Response: 1834871
Conc: 1.66 ng/ml