

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR032223\
 Data File : PR060580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 14:02
 Operator : AJ\MA
 Sample : 01989-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 23:51:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 28 05:24:37 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...	3.688	2.902	75334863	101.9E6	22.363	22.469
2)	SA Decachlor...	9.658	8.130	114.7E6	179.3E6	48.672	49.619
Target Compounds							
3)	L1 AR-1016-1	4.922	4.011	45574467	67185171	485.096	489.444
4)	L1 AR-1016-2	4.945	4.029	64453428	94046430	477.796	460.223
5)	L1 AR-1016-3	5.010	4.207	42485415	48560637	487.000	462.125
6)	L1 AR-1016-4	5.113	4.258	33611088	40727478	484.728	474.285
7)	L1 AR-1016-5	5.432	4.473	30915528	46496231	458.139	415.583
8)	L2 AR-1221-1	3.901	3.125	12255962	5389642	303.835	110.489 #
9)	L2 AR-1221-2	4.002	3.211	8610328	10803103	302.655	313.010
10)	L2 AR-1221-3	4.080	3.287	25473538	32535283	288.313	280.656
11)	L3 AR-1232-1	4.080	3.287	25473538	32535283	339.925	337.425
12)	L3 AR-1232-2	4.635	4.029	34787644	94046430	1034.544	1055.446
13)	L3 AR-1232-3	4.945	4.207	64453428	48560637	1045.405	1085.362
14)	L3 AR-1232-4	5.113	4.299	33611088	44683647	1089.774	1080.489
15)	L3 AR-1232-5	5.218	4.473	24343540	46496231	1045.539	1000.598
16)	L4 AR-1242-1	4.922	4.011	45574467	67185171	579.997	588.646
17)	L4 AR-1242-2	4.945	4.029	64453428	94046430	574.802	562.100
18)	L4 AR-1242-3	5.010	4.207	42485415	48560637	584.855	561.368
19)	L4 AR-1242-4	5.113	4.299	33611088	44683647	583.962	521.339
20)	L4 AR-1242-5	5.918	4.840	9784084	48695790	181.059	471.559 #
21)	L5 AR-1248-1	4.922	4.011	45574467	67185171	752.072	771.892
22)	L5 AR-1248-2	5.218	4.258	24343540	40727478	299.813	315.501
23)	L5 AR-1248-3	5.432	4.299	30915528	44683647	329.128	343.704
24)	L5 AR-1248-4	5.868	4.473	3965180	46496231	41.256	294.657 #
25)	L5 AR-1248-5	5.918	4.887	9784084	13251935	105.443	93.001
26)	L6 AR-1254-1	5.838	4.840	27875557	48695790	278.100	209.394
27)	L6 AR-1254-2	6.077	5.000	575.7E6	24969241	3791.528	124.363 #
28)	L6 AR-1254-3	6.487	5.444	1350.9E6	2704.0E6	8693.366	8438.637
29)	L6 AR-1254-4	6.785	5.653	7028432	121.3E6	63.793	676.231 #
30)	L6 AR-1254-5	7.269	6.110	3941.7E6	7865.1E6	32130.064	28442.369
31)	L7 AR-1260-1	6.653	5.558	57211796	99218026	465.056	433.842
32)	L7 AR-1260-2	6.927	5.763	8010.4E6	142.9E6	57017.222	531.211 #
33)	L7 AR-1260-3	7.330	5.918	46688837	144.0E6	431.073	568.319 #
34)	L7 AR-1260-4	7.574	6.424	50077114	93738387	405.952	445.669
35)	L7 AR-1260-5	7.914	6.689	119.6E6	248.1E6	519.795	521.923
36)	L8 AR-1262-1	7.330	6.152	46688837	101.4E6	303.998	331.795
37)	L8 AR-1262-2	7.914	6.424	119.6E6	93738387	461.023	344.801 #
38)	L8 AR-1262-3	8.233	6.993	66786914	45532955	355.565	222.028 #
39)	L8 AR-1262-4	8.294	7.058	42420266	202.2E6	292.412	527.642 #
40)	L8 AR-1262-5	8.948	7.597	28852699	47434974	274.227	280.306
41)	L9 AR-1268-1	8.233	6.993	66786914	45532955	151.036	51.821 #

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 Sample : 01989-21MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

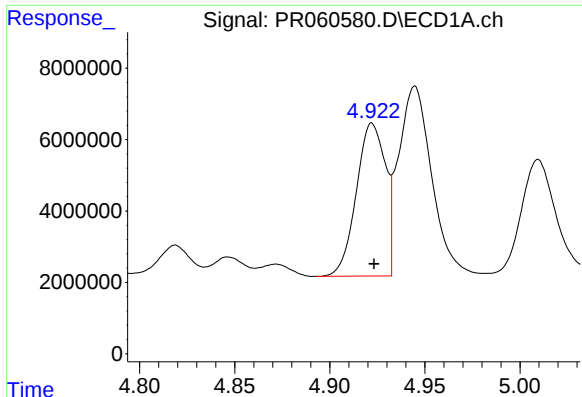
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 23:51:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022823CLP.M
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 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	8.294	7.058	42420266	202.2E6	106.071	256.399 #
43) L9	AR-1268-3	8.534	7.280	1028728	5211581	2.855	7.503 #
44) L9	AR-1268-4	8.948	7.597	28852699	47434974	182.955	178.980
45) L9	AR-1268-5	9.341	7.888	12482847	33604928	10.827	16.028 #

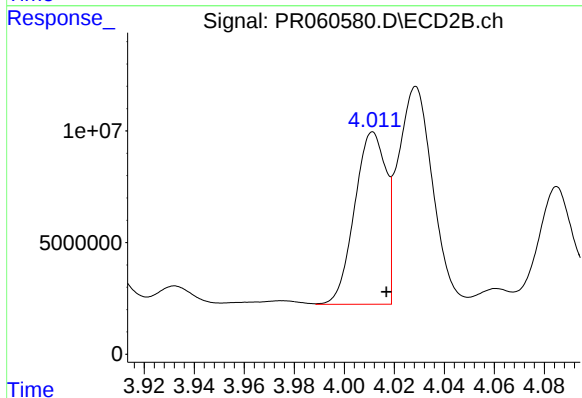
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

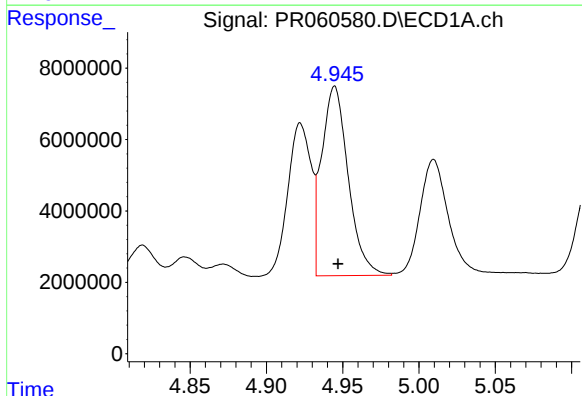
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 45574467
Conc: 485.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



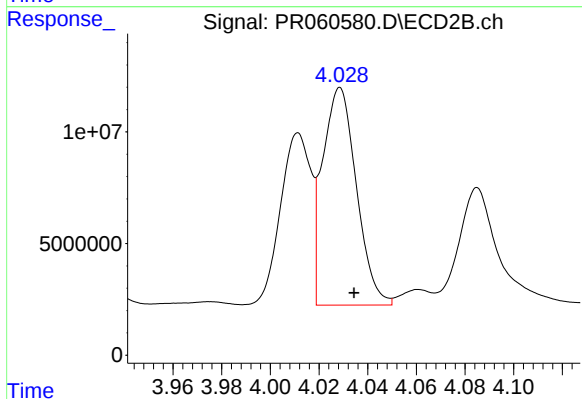
#3 AR-1016-1

R.T.: 4.011 min
Delta R.T.: -0.005 min
Response: 67185171
Conc: 489.44 ng/ml



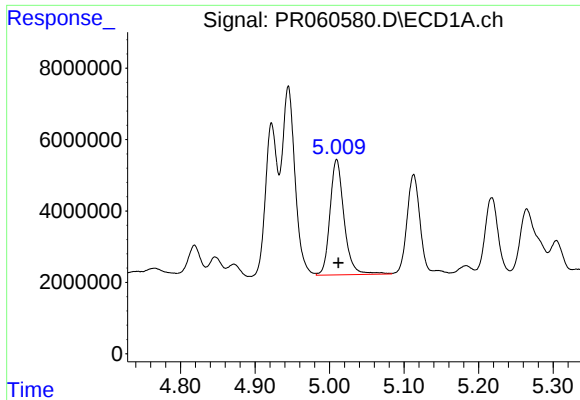
#4 AR-1016-2

R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 64453428
Conc: 477.80 ng/ml



#4 AR-1016-2

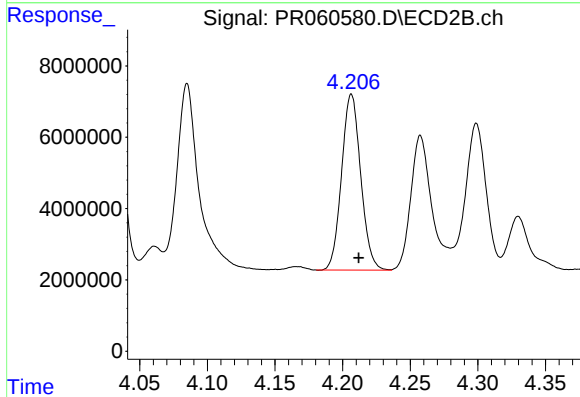
R.T.: 4.029 min
Delta R.T.: -0.006 min
Response: 94046430
Conc: 460.22 ng/ml



#5 AR-1016-3

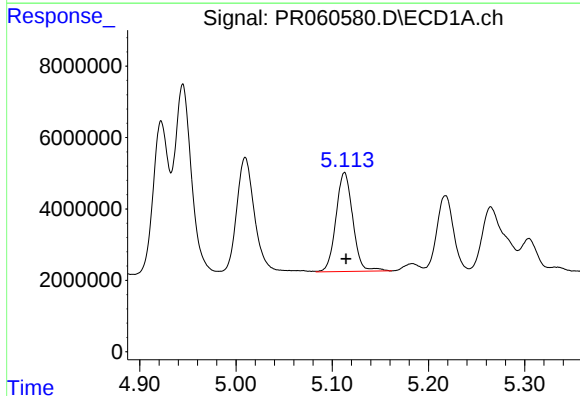
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 42485415
Conc: 487.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



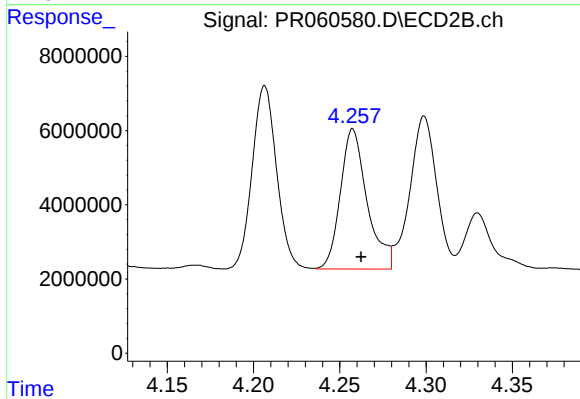
#5 AR-1016-3

R.T.: 4.207 min
Delta R.T.: -0.005 min
Response: 48560637
Conc: 462.12 ng/ml



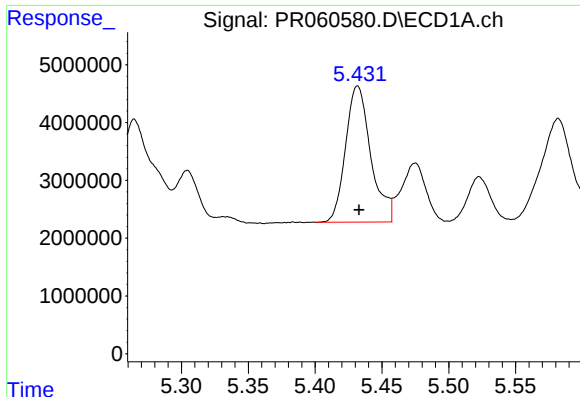
#6 AR-1016-4

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 33611088
Conc: 484.73 ng/ml



#6 AR-1016-4

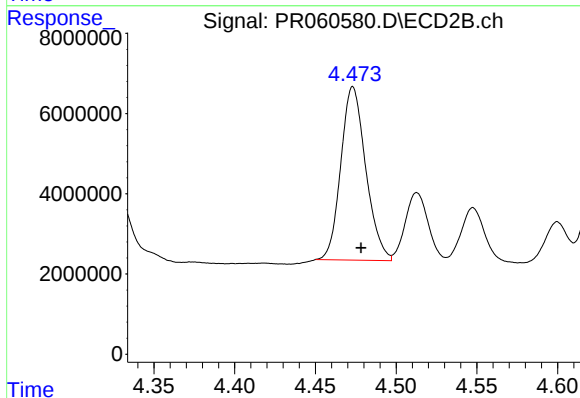
R.T.: 4.258 min
Delta R.T.: -0.005 min
Response: 40727478
Conc: 474.28 ng/ml



#7 AR-1016-5

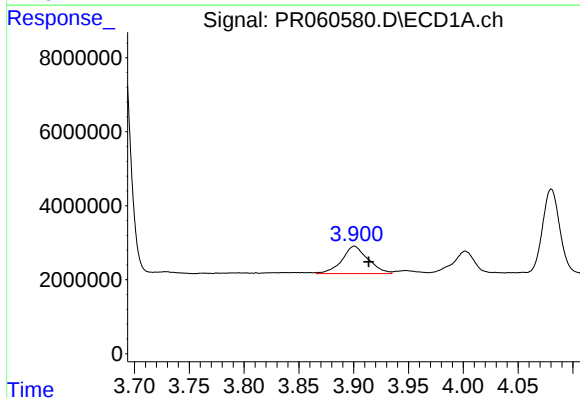
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 30915528
Conc: 458.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



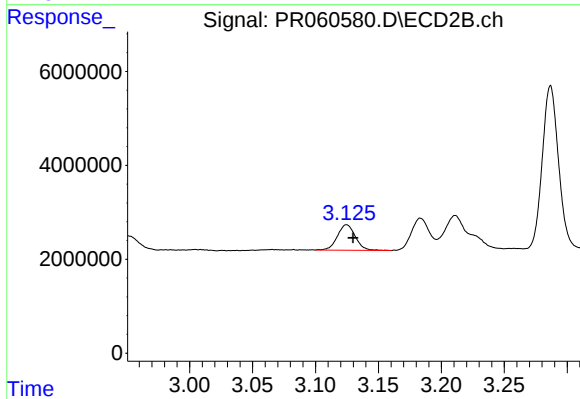
#7 AR-1016-5

R.T.: 4.473 min
Delta R.T.: -0.005 min
Response: 46496231
Conc: 415.58 ng/ml



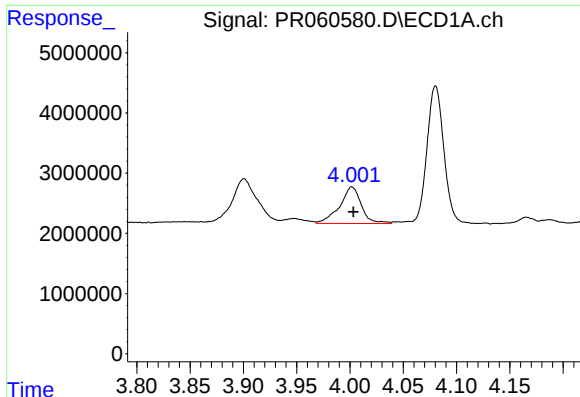
#8 AR-1221-1

R.T.: 3.901 min
Delta R.T.: -0.013 min
Response: 12255962
Conc: 303.83 ng/ml



#8 AR-1221-1

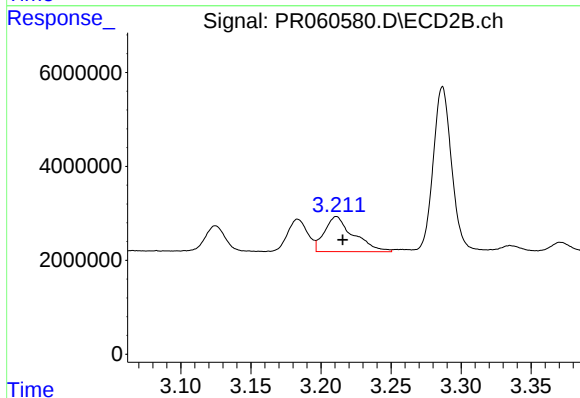
R.T.: 3.125 min
Delta R.T.: -0.005 min
Response: 5389642
Conc: 110.49 ng/ml



#9 AR-1221-2

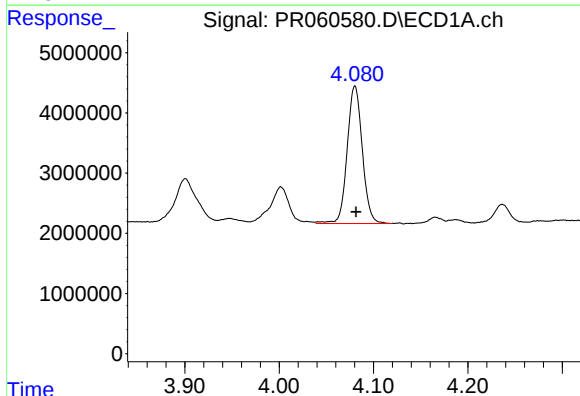
R.T.: 4.002 min
Delta R.T.: -0.001 min
Response: 8610328
Conc: 302.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



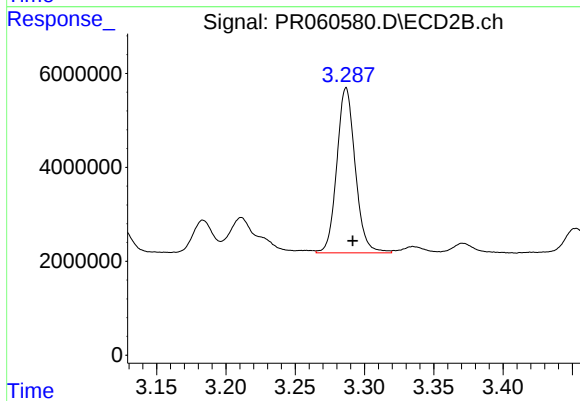
#9 AR-1221-2

R.T.: 3.211 min
Delta R.T.: -0.005 min
Response: 10803103
Conc: 313.01 ng/ml



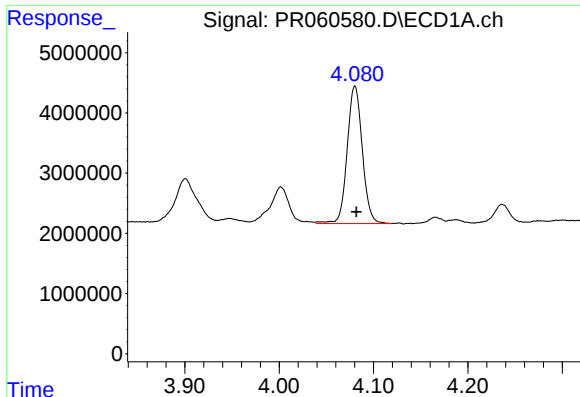
#10 AR-1221-3

R.T.: 4.080 min
Delta R.T.: -0.001 min
Response: 25473538
Conc: 288.31 ng/ml



#10 AR-1221-3

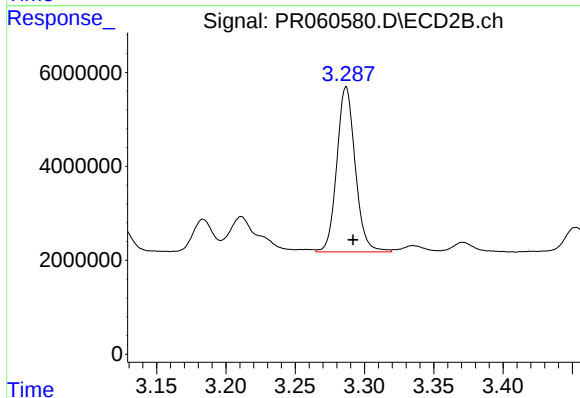
R.T.: 3.287 min
Delta R.T.: -0.005 min
Response: 32535283
Conc: 280.66 ng/ml



#11 AR-1232-1

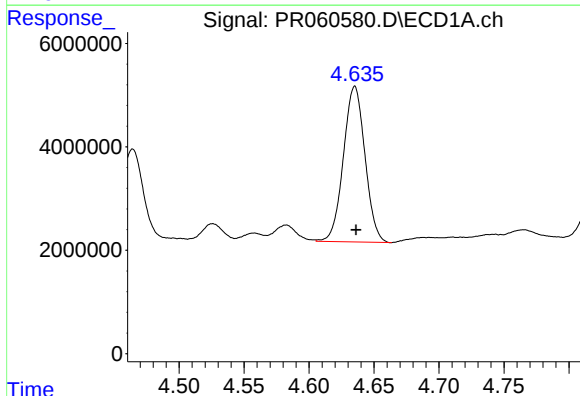
R.T.: 4.080 min
Delta R.T.: -0.001 min
Response: 25473538
Conc: 339.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



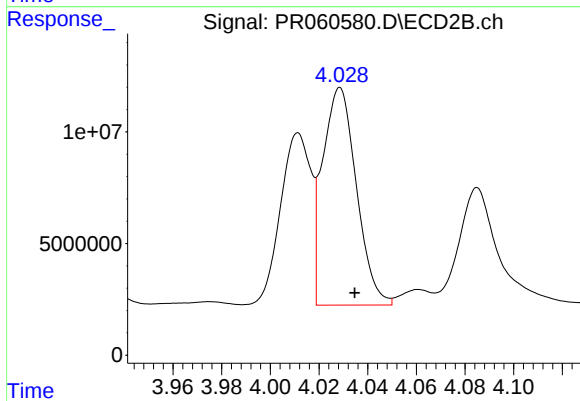
#11 AR-1232-1

R.T.: 3.287 min
Delta R.T.: -0.005 min
Response: 32535283
Conc: 337.43 ng/ml



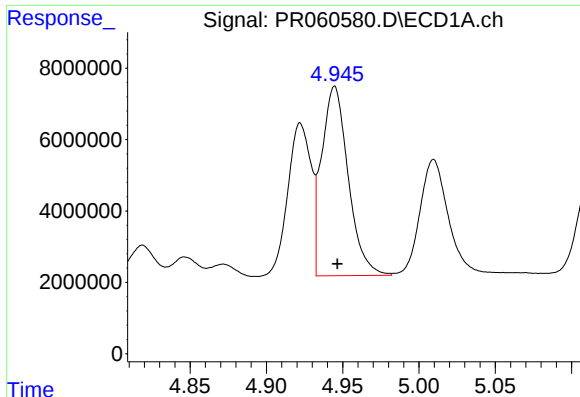
#12 AR-1232-2

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 34787644
Conc: 1034.54 ng/ml



#12 AR-1232-2

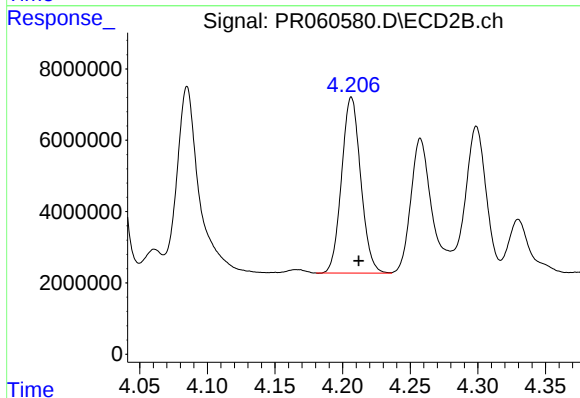
R.T.: 4.029 min
Delta R.T.: -0.006 min
Response: 94046430
Conc: 1055.45 ng/ml



#13 AR-1232-3

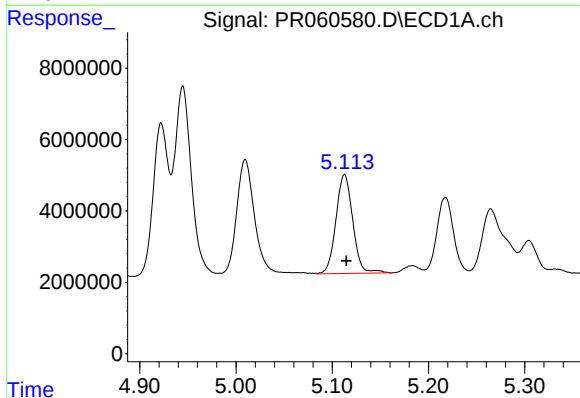
R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 64453428
Conc: 1045.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



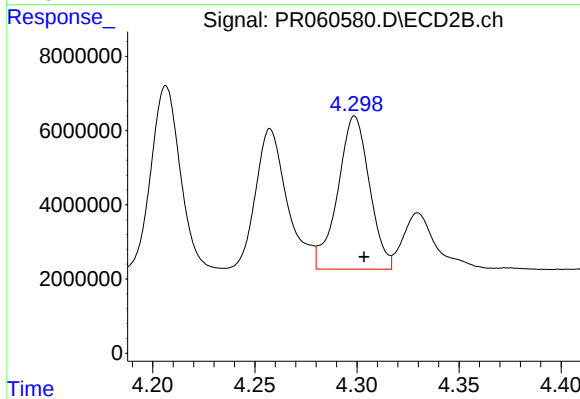
#13 AR-1232-3

R.T.: 4.207 min
Delta R.T.: -0.005 min
Response: 48560637
Conc: 1085.36 ng/ml



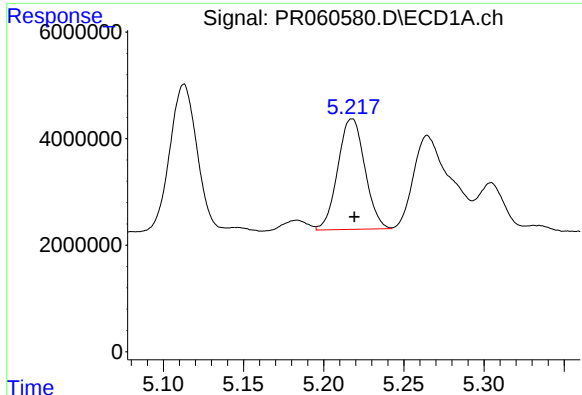
#14 AR-1232-4

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 33611088
Conc: 1089.77 ng/ml



#14 AR-1232-4

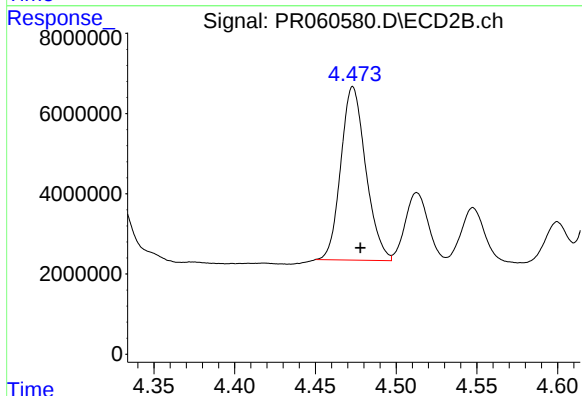
R.T.: 4.299 min
Delta R.T.: -0.005 min
Response: 44683647
Conc: 1080.49 ng/ml



#15 AR-1232-5

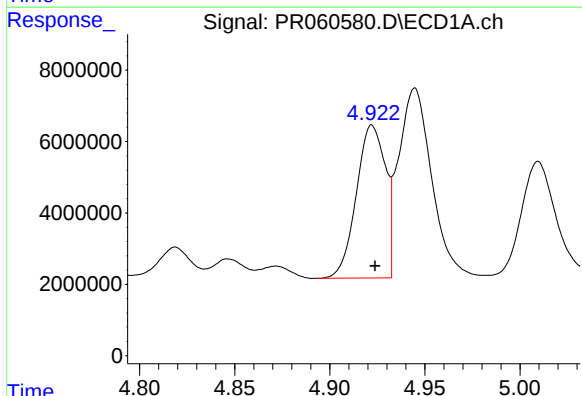
R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 24343540
Conc: 1045.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



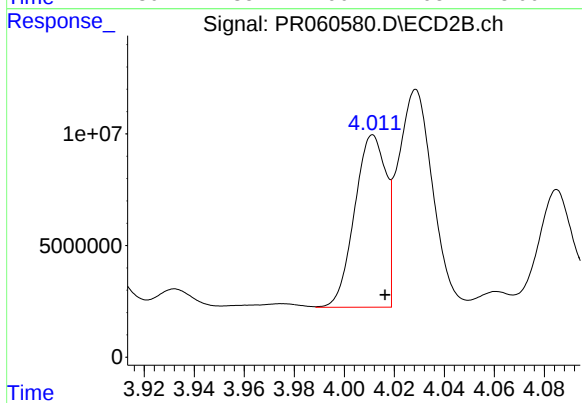
#15 AR-1232-5

R.T.: 4.473 min
Delta R.T.: -0.005 min
Response: 46496231
Conc: 1000.60 ng/ml



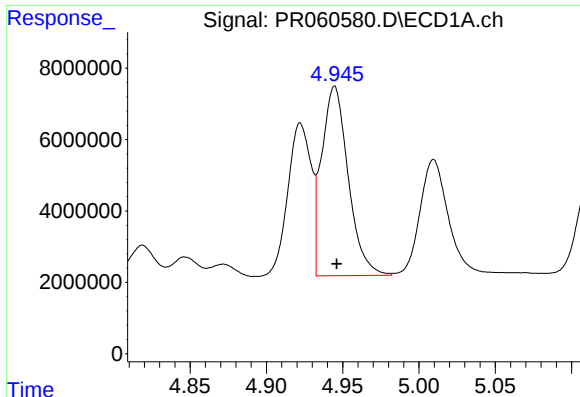
#16 AR-1242-1

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 45574467
Conc: 580.00 ng/ml



#16 AR-1242-1

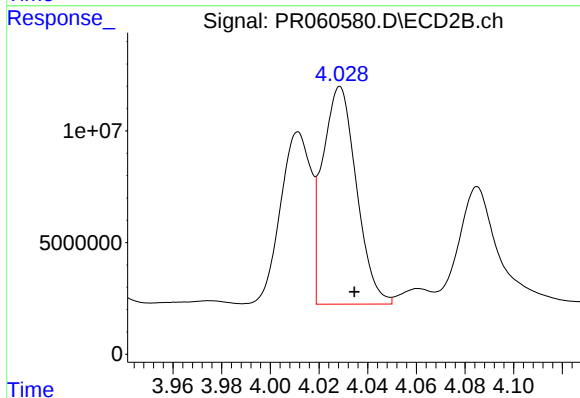
R.T.: 4.011 min
Delta R.T.: -0.005 min
Response: 67185171
Conc: 588.65 ng/ml



#17 AR-1242-2

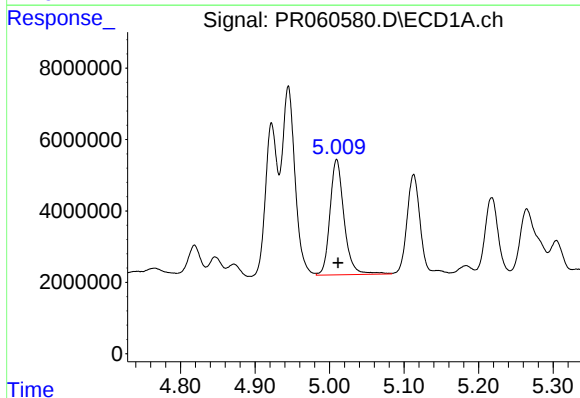
R.T.: 4.945 min
Delta R.T.: -0.001 min
Response: 64453428
Conc: 574.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



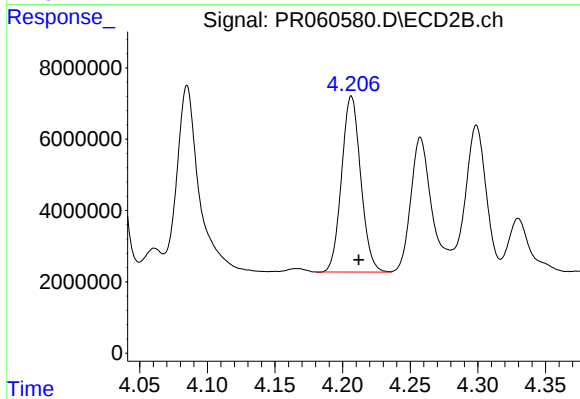
#17 AR-1242-2

R.T.: 4.029 min
Delta R.T.: -0.006 min
Response: 94046430
Conc: 562.10 ng/ml



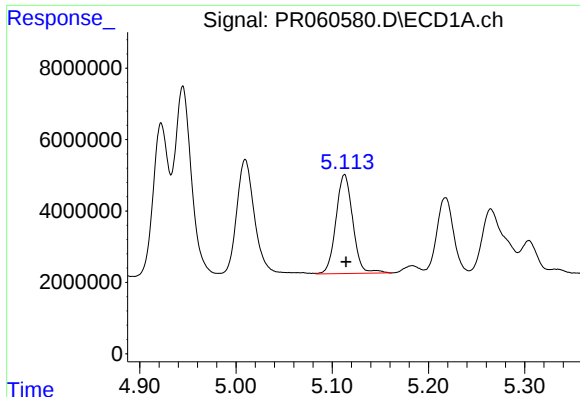
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 42485415
Conc: 584.85 ng/ml



#18 AR-1242-3

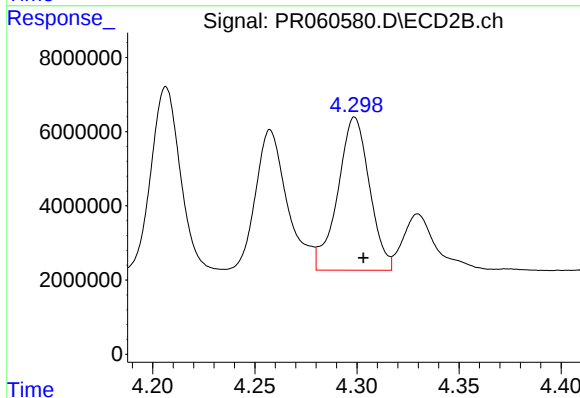
R.T.: 4.207 min
Delta R.T.: -0.005 min
Response: 48560637
Conc: 561.37 ng/ml



#19 AR-1242-4

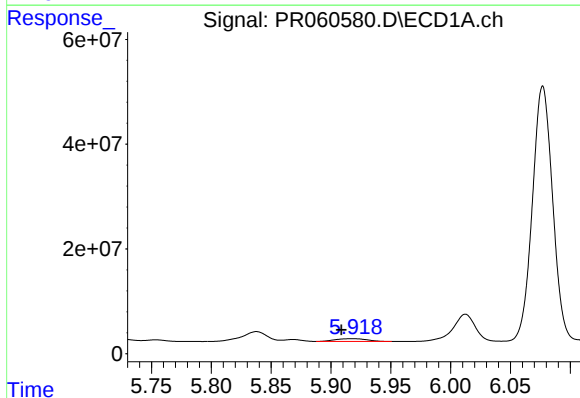
R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 33611088
Conc: 583.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



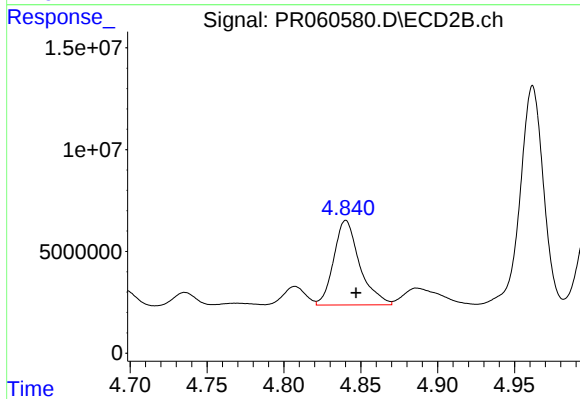
#19 AR-1242-4

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 44683647
Conc: 521.34 ng/ml



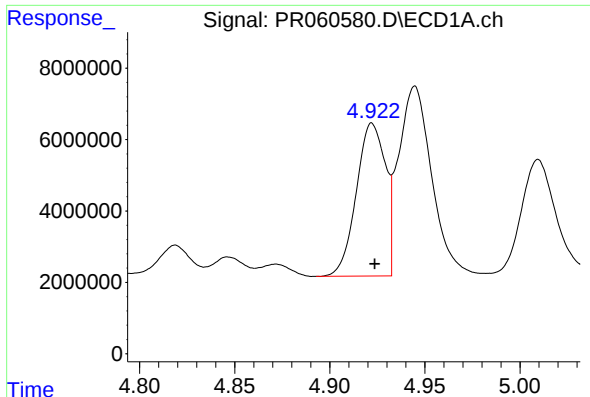
#20 AR-1242-5

R.T.: 5.918 min
Delta R.T.: 0.009 min
Response: 9784084
Conc: 181.06 ng/ml



#20 AR-1242-5

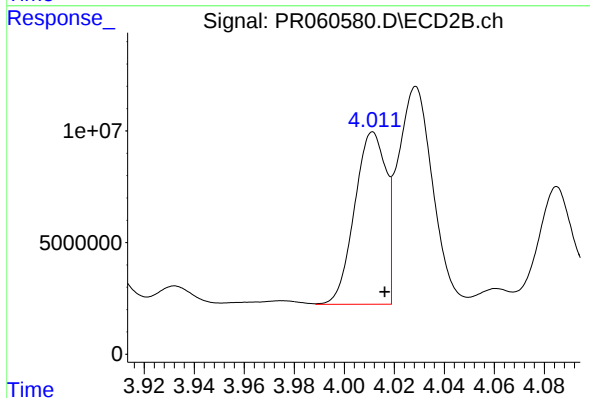
R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 48695790
Conc: 471.56 ng/ml



#21 AR-1248-1

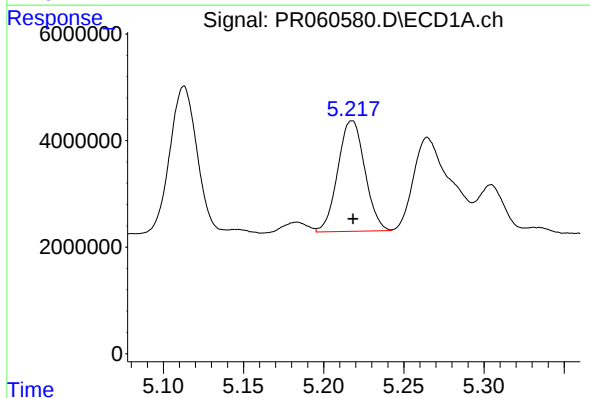
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 45574467
Conc: 752.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



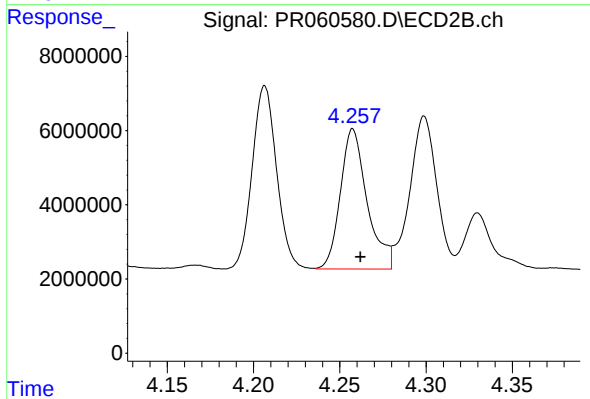
#21 AR-1248-1

R.T.: 4.011 min
Delta R.T.: -0.005 min
Response: 67185171
Conc: 771.89 ng/ml



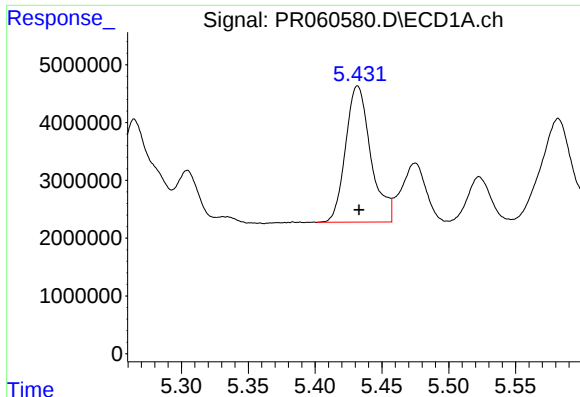
#22 AR-1248-2

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 24343540
Conc: 299.81 ng/ml



#22 AR-1248-2

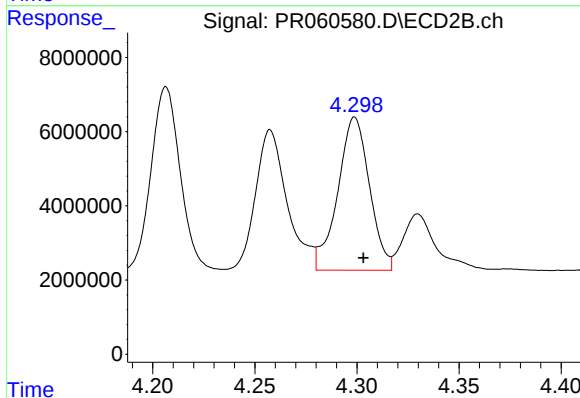
R.T.: 4.258 min
Delta R.T.: -0.004 min
Response: 40727478
Conc: 315.50 ng/ml



#23 AR-1248-3

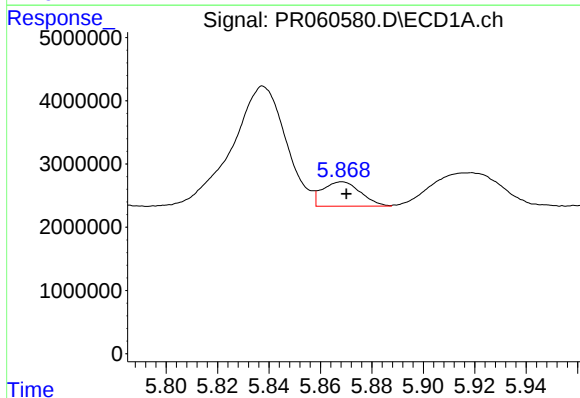
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 30915528
Conc: 329.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



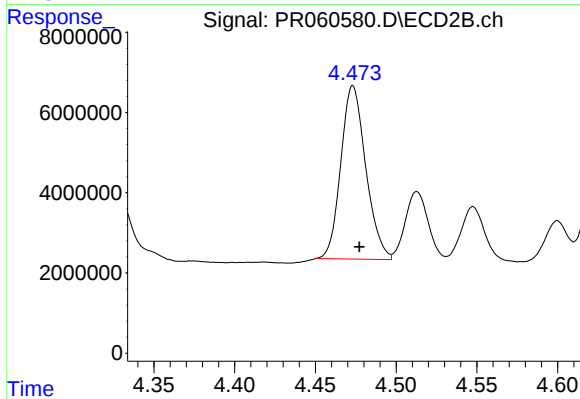
#23 AR-1248-3

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 44683647
Conc: 343.70 ng/ml



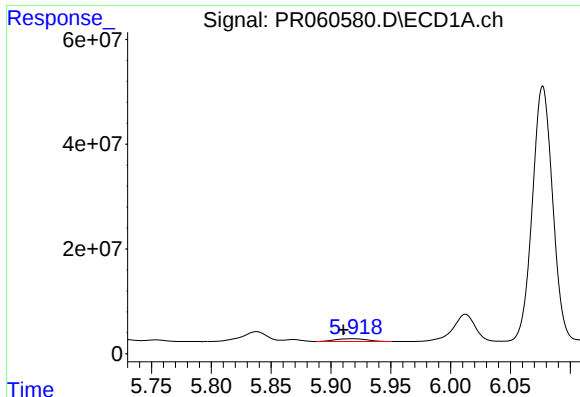
#24 AR-1248-4

R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 3965180
Conc: 41.26 ng/ml



#24 AR-1248-4

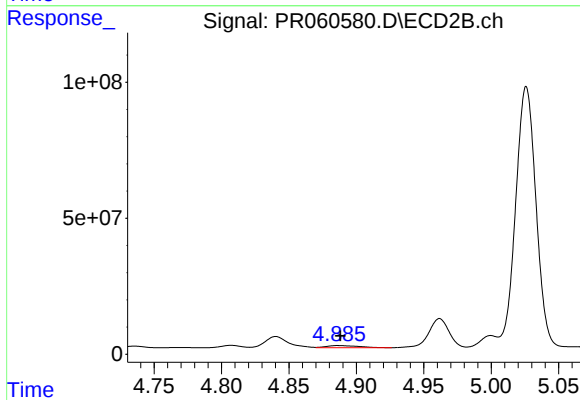
R.T.: 4.473 min
Delta R.T.: -0.004 min
Response: 46496231
Conc: 294.66 ng/ml



#25 AR-1248-5

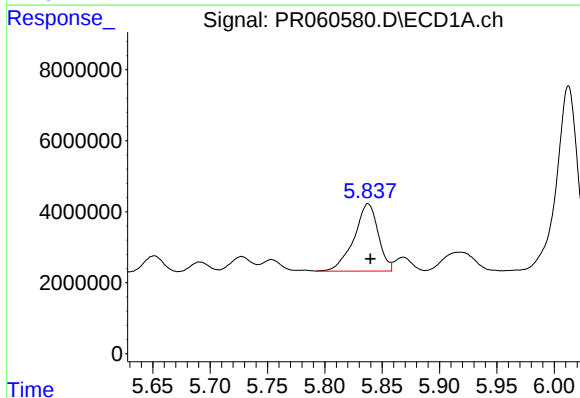
R.T.: 5.918 min
Delta R.T.: 0.008 min
Response: 9784084
Conc: 105.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



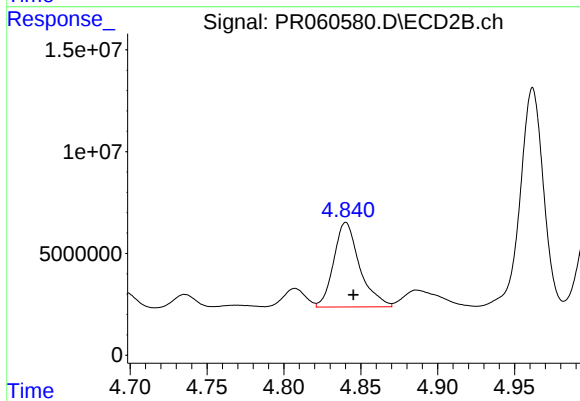
#25 AR-1248-5

R.T.: 4.887 min
Delta R.T.: -0.002 min
Response: 13251935
Conc: 93.00 ng/ml



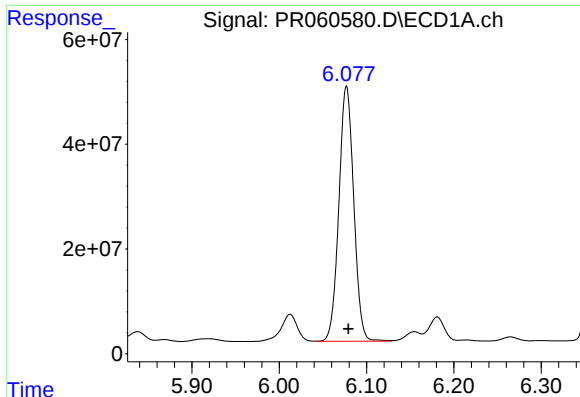
#26 AR-1254-1

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 27875557
Conc: 278.10 ng/ml



#26 AR-1254-1

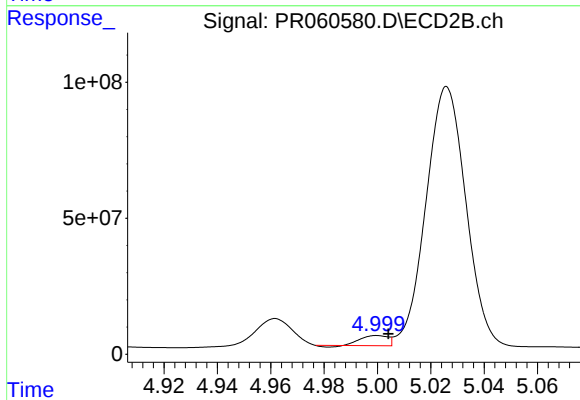
R.T.: 4.840 min
Delta R.T.: -0.005 min
Response: 48695790
Conc: 209.39 ng/ml



#27 AR-1254-2

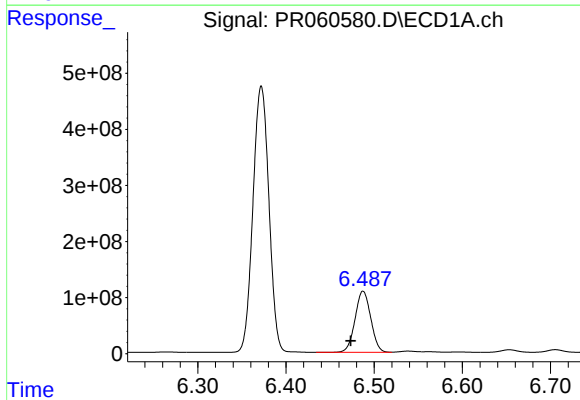
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 575684648
Conc: 3791.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



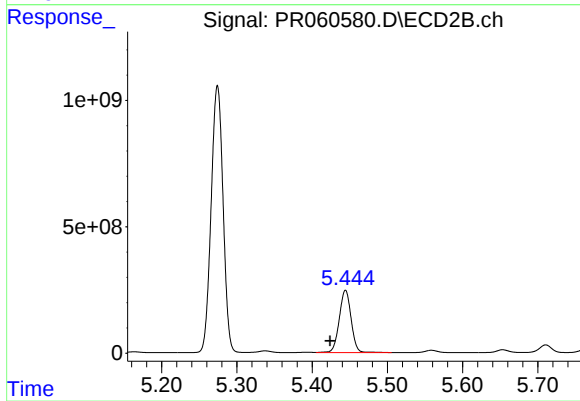
#27 AR-1254-2

R.T.: 5.000 min
Delta R.T.: -0.004 min
Response: 24969241
Conc: 124.36 ng/ml



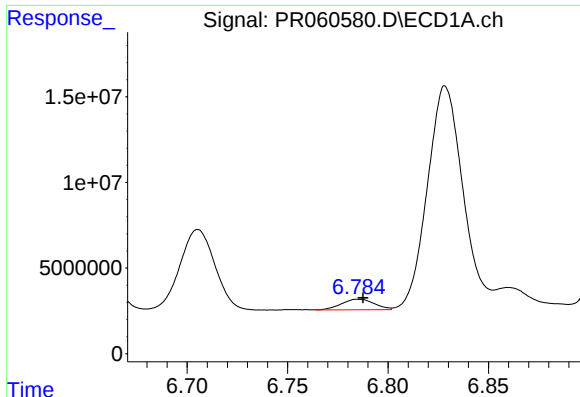
#28 AR-1254-3

R.T.: 6.487 min
Delta R.T.: 0.014 min
Response: 1350876693
Conc: 8693.37 ng/ml



#28 AR-1254-3

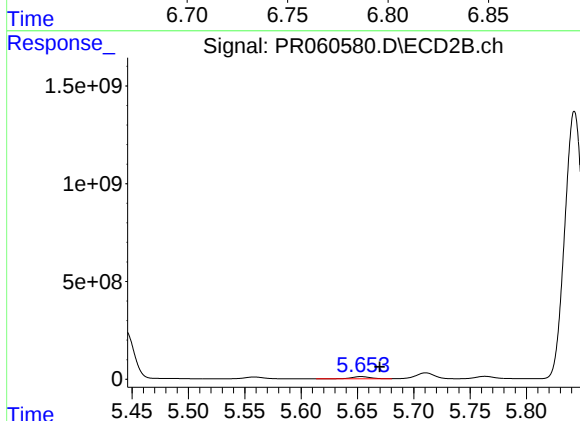
R.T.: 5.444 min
Delta R.T.: 0.020 min
Response: 2704013292
Conc: 8438.64 ng/ml



#29 AR-1254-4

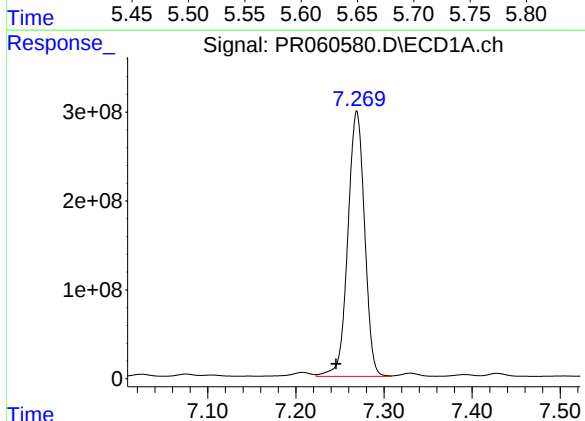
R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 7028432
Conc: 63.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



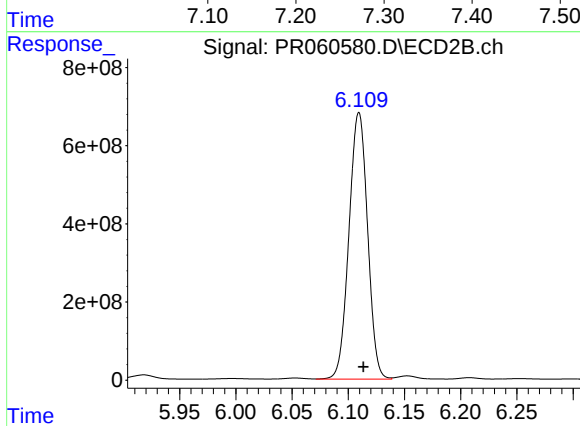
#29 AR-1254-4

R.T.: 5.653 min
Delta R.T.: -0.017 min
Response: 121296086
Conc: 676.23 ng/ml



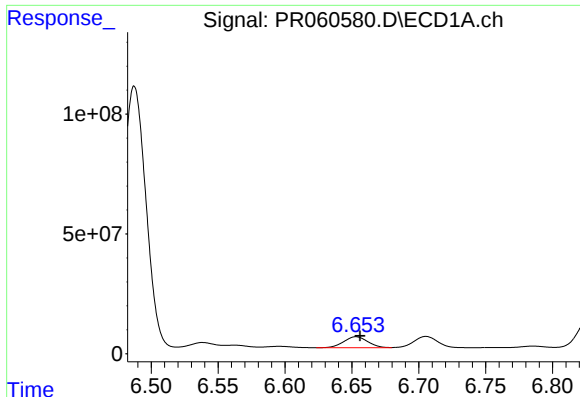
#30 AR-1254-5

R.T.: 7.269 min
Delta R.T.: 0.023 min
Response: 3941749294
Conc: 32130.06 ng/ml



#30 AR-1254-5

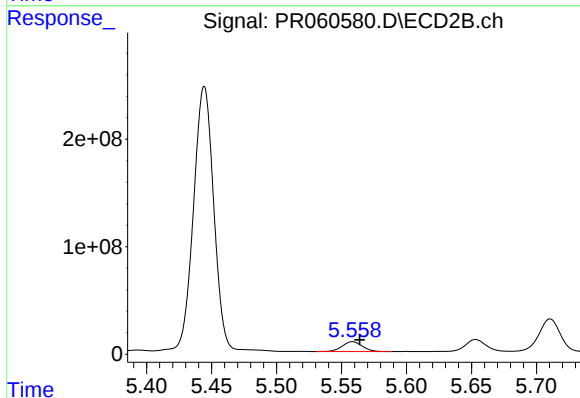
R.T.: 6.110 min
Delta R.T.: -0.004 min
Response: 7865102241
Conc: 28442.37 ng/ml



#31 AR-1260-1

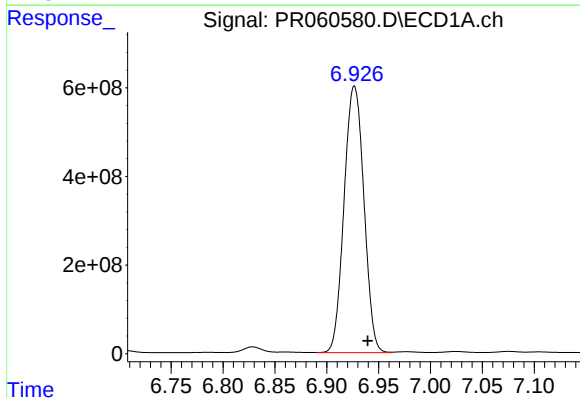
R.T.: 6.653 min
Delta R.T.: -0.003 min
Response: 57211796
Conc: 465.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



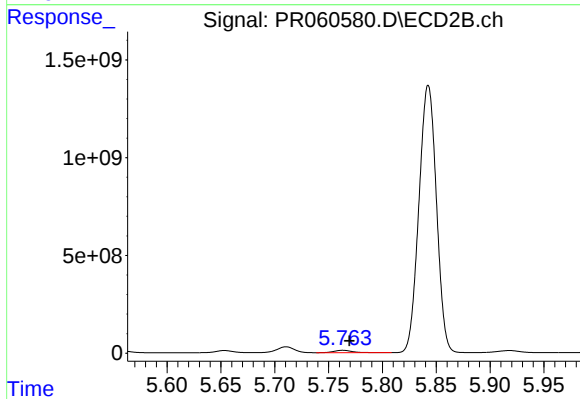
#31 AR-1260-1

R.T.: 5.558 min
Delta R.T.: -0.006 min
Response: 99218026
Conc: 433.84 ng/ml



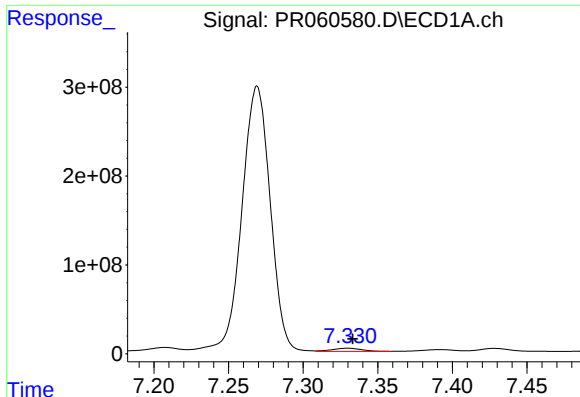
#32 AR-1260-2

R.T.: 6.927 min
Delta R.T.: -0.013 min
Response: 8010364690
Conc: 57017.22 ng/ml



#32 AR-1260-2

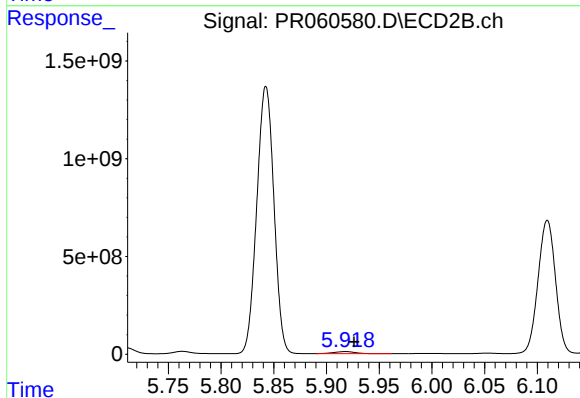
R.T.: 5.763 min
Delta R.T.: -0.006 min
Response: 142890657
Conc: 531.21 ng/ml



#33 AR-1260-3

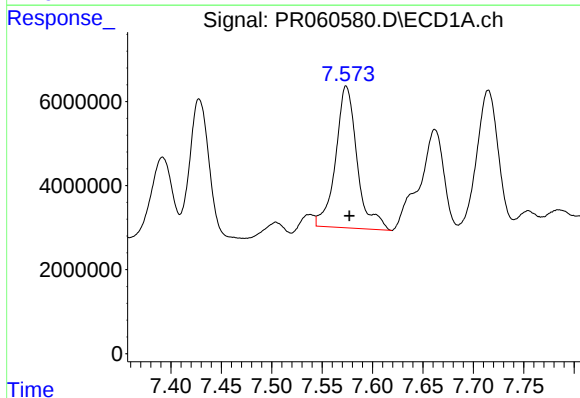
R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 46688837
Conc: 431.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



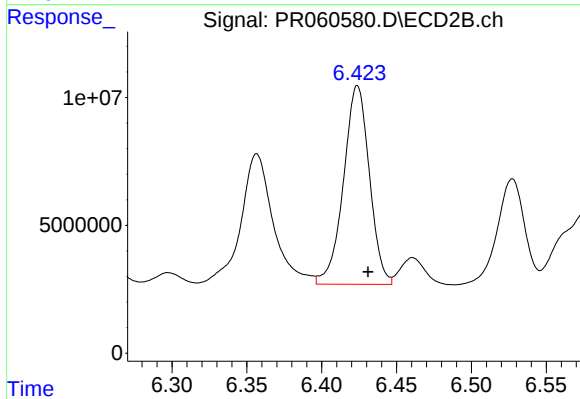
#33 AR-1260-3

R.T.: 5.918 min
Delta R.T.: -0.008 min
Response: 143961413
Conc: 568.32 ng/ml



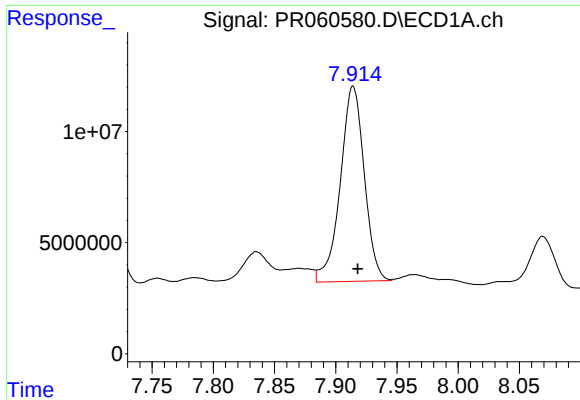
#34 AR-1260-4

R.T.: 7.574 min
Delta R.T.: -0.003 min
Response: 50077114
Conc: 405.95 ng/ml



#34 AR-1260-4

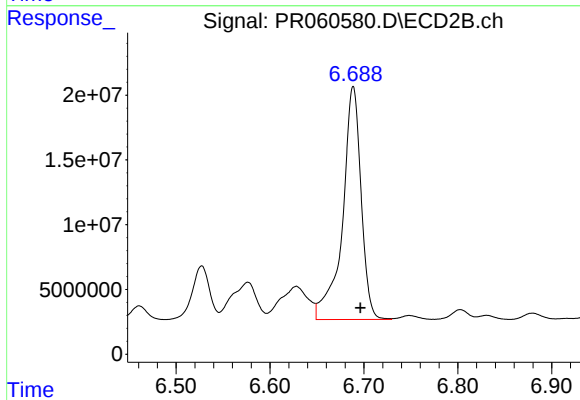
R.T.: 6.424 min
Delta R.T.: -0.007 min
Response: 93738387
Conc: 445.67 ng/ml



#35 AR-1260-5

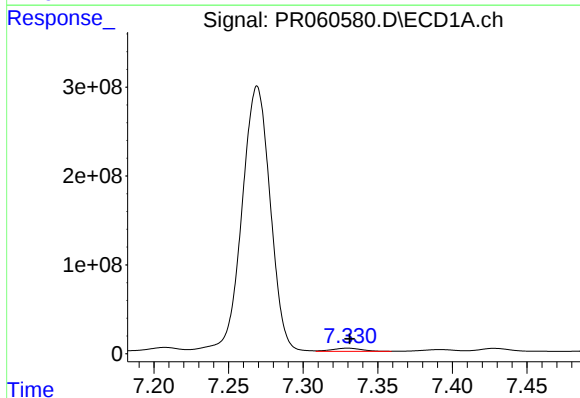
R.T.: 7.914 min
Delta R.T.: -0.004 min
Response: 119605824
Conc: 519.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



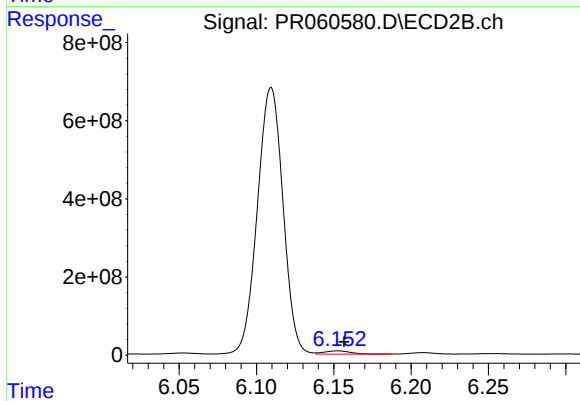
#35 AR-1260-5

R.T.: 6.689 min
Delta R.T.: -0.008 min
Response: 248073263
Conc: 521.92 ng/ml



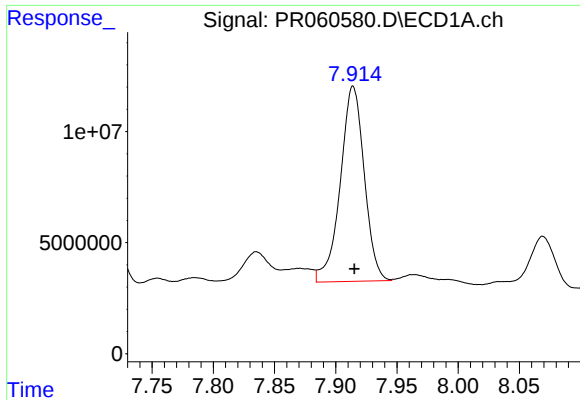
#36 AR-1262-1

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 46688837
Conc: 304.00 ng/ml



#36 AR-1262-1

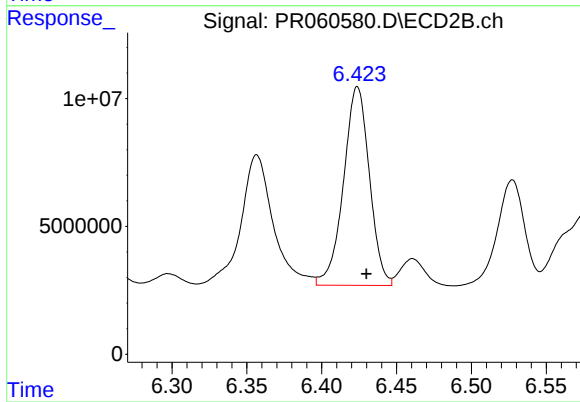
R.T.: 6.152 min
Delta R.T.: -0.004 min
Response: 101402361
Conc: 331.80 ng/ml



#37 AR-1262-2

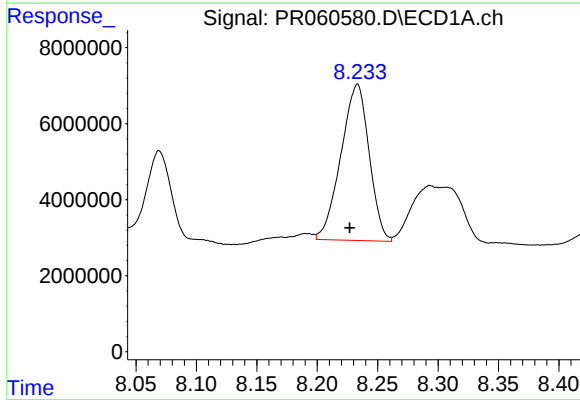
R.T.: 7.914 min
Delta R.T.: -0.001 min
Response: 119605824
Conc: 461.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



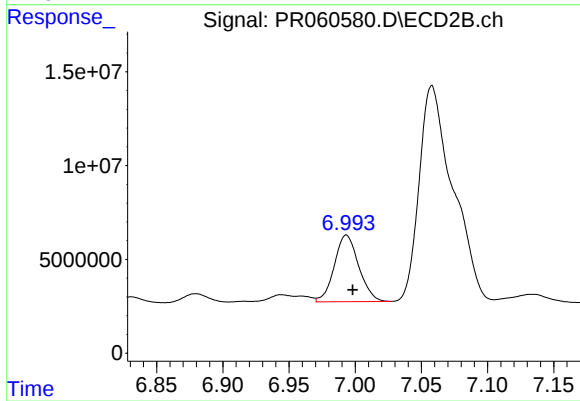
#37 AR-1262-2

R.T.: 6.424 min
Delta R.T.: -0.006 min
Response: 93738387
Conc: 344.80 ng/ml



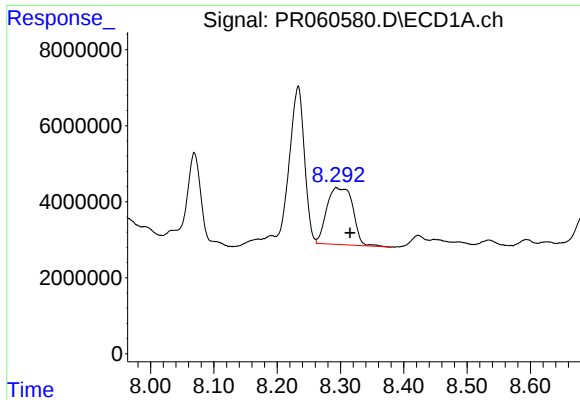
#38 AR-1262-3

R.T.: 8.233 min
Delta R.T.: 0.006 min
Response: 66786914
Conc: 355.57 ng/ml



#38 AR-1262-3

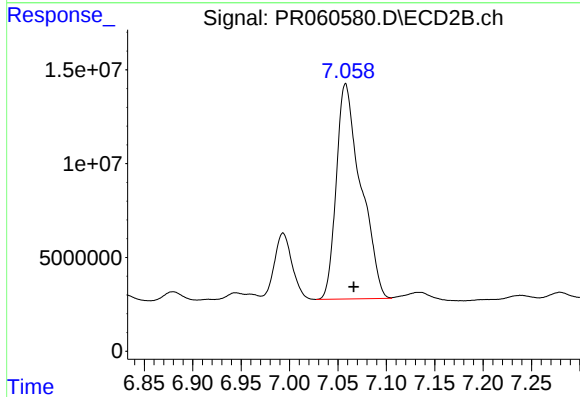
R.T.: 6.993 min
Delta R.T.: -0.005 min
Response: 45532955
Conc: 222.03 ng/ml



#39 AR-1262-4

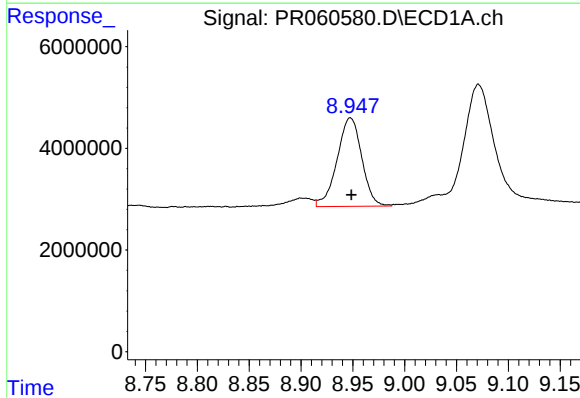
R.T.: 8.294 min
Delta R.T.: -0.022 min
Response: 42420266
Conc: 292.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



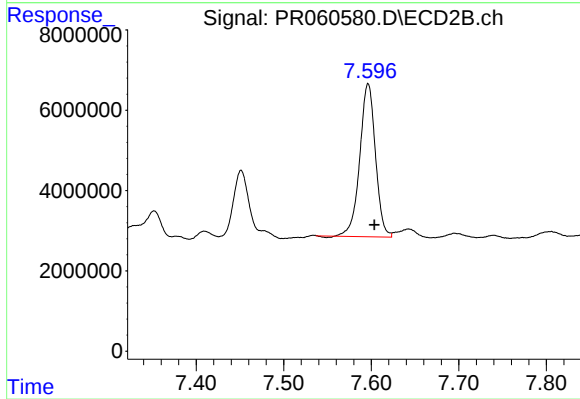
#39 AR-1262-4

R.T.: 7.058 min
Delta R.T.: -0.009 min
Response: 202232235
Conc: 527.64 ng/ml



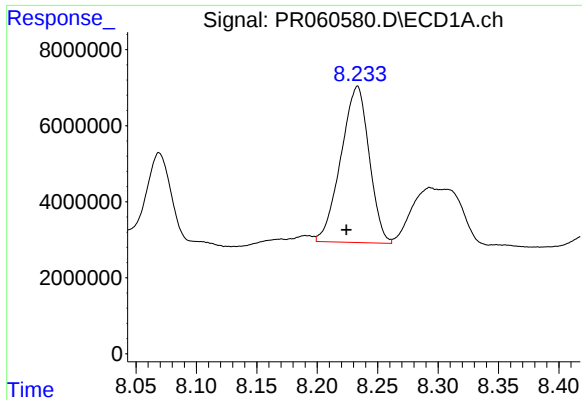
#40 AR-1262-5

R.T.: 8.948 min
Delta R.T.: -0.001 min
Response: 28852699
Conc: 274.23 ng/ml



#40 AR-1262-5

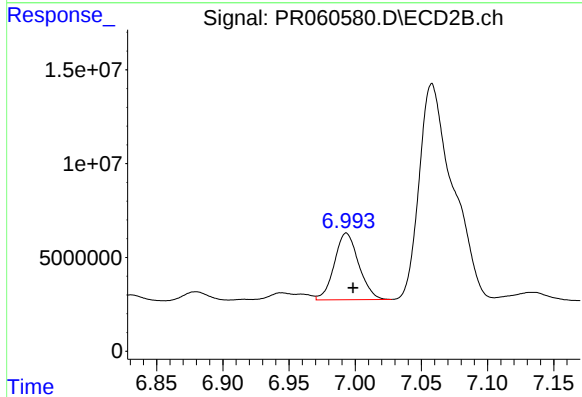
R.T.: 7.597 min
Delta R.T.: -0.007 min
Response: 47434974
Conc: 280.31 ng/ml



#41 AR-1268-1

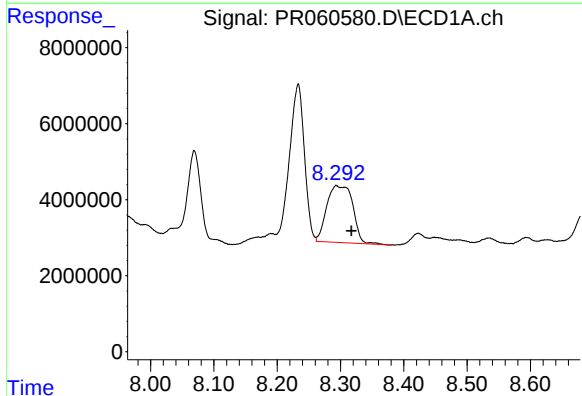
R.T.: 8.233 min
Delta R.T.: 0.009 min
Response: 66786914
Conc: 151.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



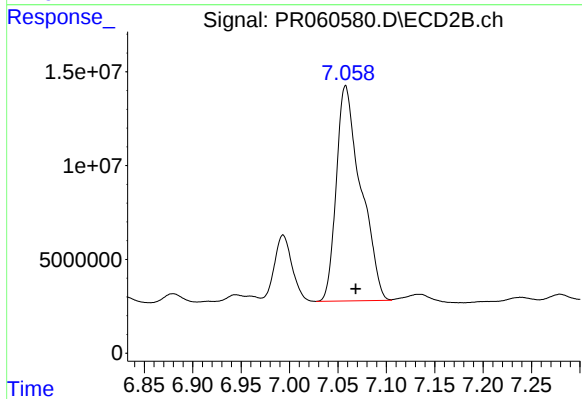
#41 AR-1268-1

R.T.: 6.993 min
Delta R.T.: -0.005 min
Response: 45532955
Conc: 51.82 ng/ml



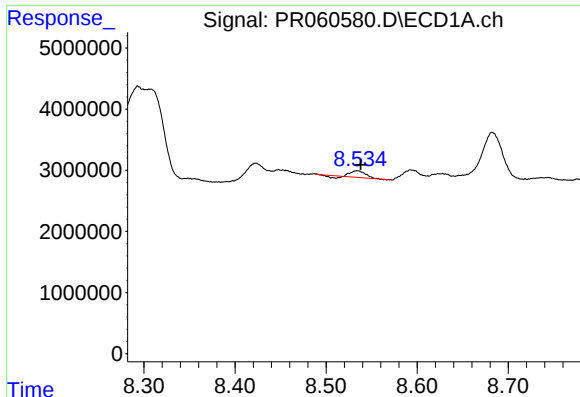
#42 AR-1268-2

R.T.: 8.294 min
Delta R.T.: -0.024 min
Response: 42420266
Conc: 106.07 ng/ml



#42 AR-1268-2

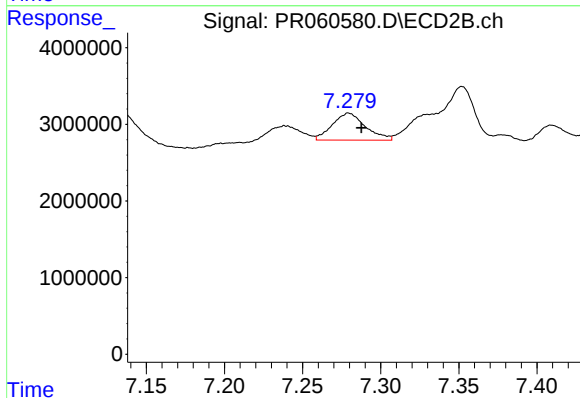
R.T.: 7.058 min
Delta R.T.: -0.011 min
Response: 202232235
Conc: 256.40 ng/ml



#43 AR-1268-3

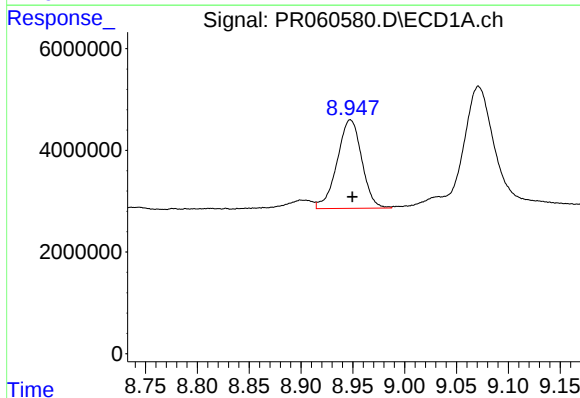
R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 1028728
Conc: 2.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



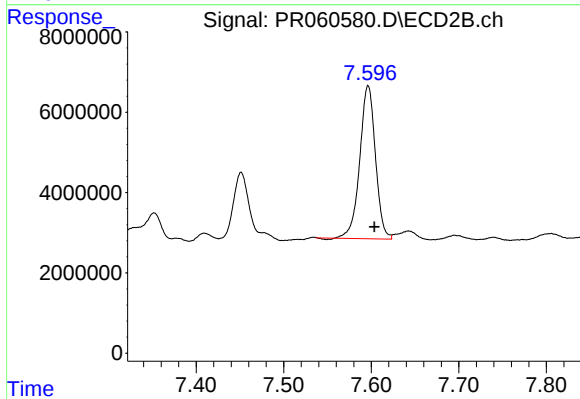
#43 AR-1268-3

R.T.: 7.280 min
Delta R.T.: -0.008 min
Response: 5211581
Conc: 7.50 ng/ml



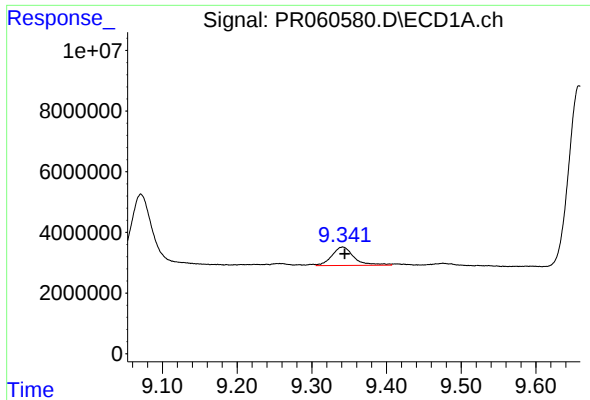
#44 AR-1268-4

R.T.: 8.948 min
Delta R.T.: -0.002 min
Response: 28852699
Conc: 182.96 ng/ml



#44 AR-1268-4

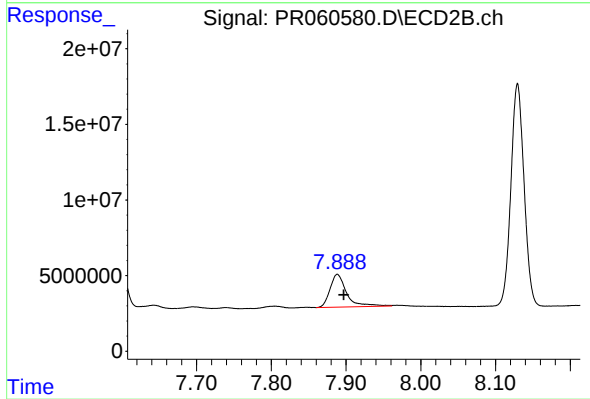
R.T.: 7.597 min
Delta R.T.: -0.007 min
Response: 47434974
Conc: 178.98 ng/ml



#45 AR-1268-5

R.T.: 9.341 min
Delta R.T.: -0.003 min
Response: 12482847
Conc: 10.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.888 min
Delta R.T.: -0.009 min
Response: 33604928
Conc: 16.03 ng/ml