

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062623\
 Data File : PR062012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2023 14:25
 Operator : YP\AJ
 Sample : 03362-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 22:05:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 19 13:30:08 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...	3.689	2.960	42709309	49299587	19.423	17.947
2)	SA Decachlor...	9.625	8.247	31406102	65692325	21.705	18.524
Target Compounds							
3)	L1 AR-1016-1	4.919	4.085	12002686	17226899	161.200	169.583
4)	L1 AR-1016-2	4.940	4.104	22441334	23908257	212.250	169.925
5)	L1 AR-1016-3	5.006	4.285	5249658	13444044	78.261	171.785 #
6)	L1 AR-1016-4	5.106	4.334	6654786	28305452	124.355	441.492 #
7)	L1 AR-1016-5	5.425	4.554	31862241	30975816	575.316	372.679 #
8)	L2 AR-1221-1	3.897f	3.180	8426217	6014556	312.289	167.729 #
9)	L2 AR-1221-2	4.003	3.301f	1041446	3407208	54.517	123.836 #
10)	L2 AR-1221-3	4.079	3.352	1746577	2893252	28.835	35.881
11)	L3 AR-1232-1	4.079	3.352	1746577	2893252	38.196	47.928 #
12)	L3 AR-1232-2	4.633	4.104	11881620	23908257	447.097	385.177
13)	L3 AR-1232-3	4.940	4.285	22441334	13444044	486.920	385.551
14)	L3 AR-1232-4	5.106	4.376	6654786	28676797	291.140	913.293 #
15)	L3 AR-1232-5	5.211	4.554	23611847	30975816	1283.155	859.911 #
16)	L4 AR-1242-1	4.919	4.085	12002686	17226899	216.311	226.270
17)	L4 AR-1242-2	4.940	4.104	22441334	23908257	285.458	229.617
18)	L4 AR-1242-3	5.006	4.285	5249658	13444044	104.818	228.089 #
19)	L4 AR-1242-4	5.106	4.376	6654786	28676797	165.181	483.060 #
20)	L4 AR-1242-5	5.899	4.926	38492060	89991427	976.620	1144.608
21)	L5 AR-1248-1	4.919	4.085	12002686	17226899	280.854	281.484
22)	L5 AR-1248-2	5.211	4.334	23611847	28305452	380.744	328.449
23)	L5 AR-1248-3	5.425	4.376	31862241	28676797	442.903	322.284 #
24)	L5 AR-1248-4	5.859	4.554	31620792	30975816	432.695	287.142 #
25)	L5 AR-1248-5	5.899	4.968	38492060	42624131	540.590	398.461 #
26)	L6 AR-1254-1	5.830	4.926	42376046	89991427	531.185	564.056
27)	L6 AR-1254-2	6.067	5.085	53609697	45774122	455.795	315.188 #
28)	L6 AR-1254-3	6.461	5.510	62140214	101.9E6	542.043	430.916
29)	L6 AR-1254-4	6.771	5.757	26465400	38506619	331.007	252.851
30)	L6 AR-1254-5	7.227	6.205	46405913	120.1E6	517.348	489.749
31)	L7 AR-1260-1	6.640	5.652	33689663	67507538	338.794	388.867
32)	L7 AR-1260-2	6.918	5.856	57018151	57826443	517.355	262.857 #
33)	L7 AR-1260-3	7.314	6.014	14641850	50183945	211.519	239.873
34)	L7 AR-1260-4	7.555	6.524	22615057	24476786	276.138	154.938 #
35)	L7 AR-1260-5	7.895	6.789	31296510	59414988	222.298	159.975 #
36)	L8 AR-1262-1	7.314	6.248	14641850	25190547	136.410	106.222
37)	L8 AR-1262-2	7.895	6.789	31296510	59414988	188.502	135.535 #
38)	L8 AR-1262-3	8.211	7.096	18848921	14963025	164.960	79.388 #
39)	L8 AR-1262-4	8.289	7.162	7141399	49915303	79.987	148.397 #
40)	L8 AR-1262-5	8.920	7.702	6671548	13747885	113.178	85.794
41)	L9 AR-1268-1	8.211	7.096	18848921	14963025	95.321	29.084 #

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 ALS Vial : 23 Sample Multiplier: 1

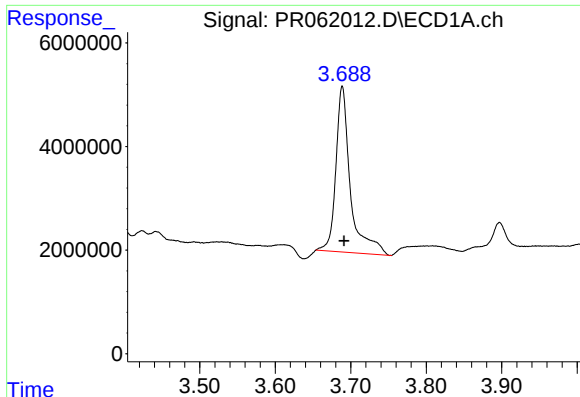
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 22:05:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
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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	8.289	7.162	7141399	49915303	39.195	104.888 #
43) L9	AR-1268-3	8.514	7.386	3321055	20796885	21.228	50.783 #
44) L9	AR-1268-4	8.920	7.702	6671548	13747885	103.674	78.221
45) L9	AR-1268-5	9.310	8.000	6027276	12894226	13.102	10.010

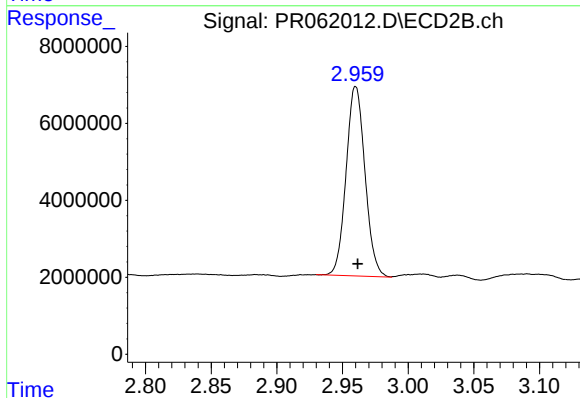
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

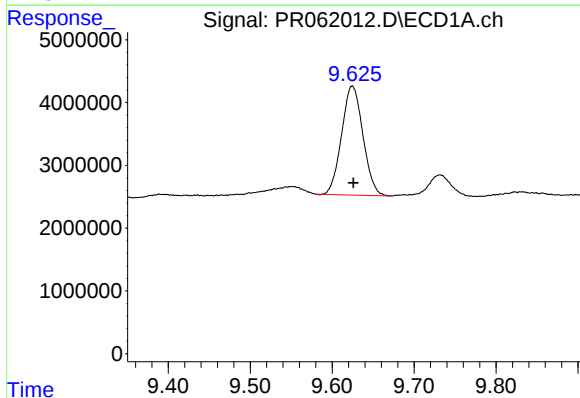
R.T.: 3.689 min
Delta R.T.: -0.002 min
Response: 42709309
Conc: 19.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



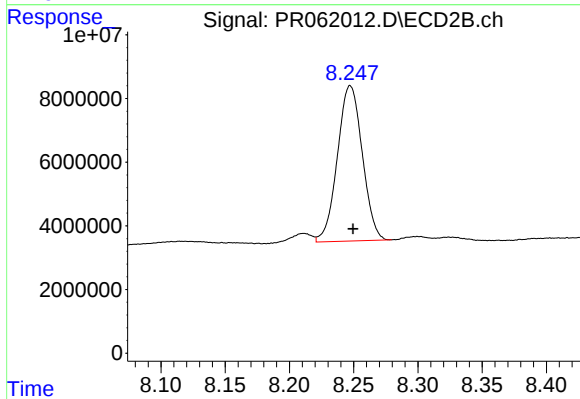
#1 Tetrachloro-m-xylene

R.T.: 2.960 min
Delta R.T.: -0.002 min
Response: 49299587
Conc: 17.95 ng/ml



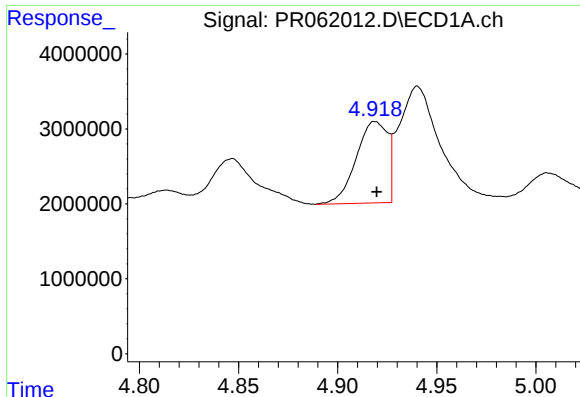
#2 Decachlorobiphenyl

R.T.: 9.625 min
Delta R.T.: -0.002 min
Response: 31406102
Conc: 21.70 ng/ml



#2 Decachlorobiphenyl

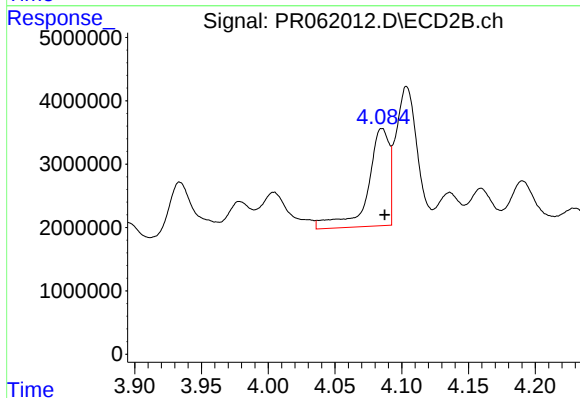
R.T.: 8.247 min
Delta R.T.: -0.002 min
Response: 65692325
Conc: 18.52 ng/ml



#3 AR-1016-1

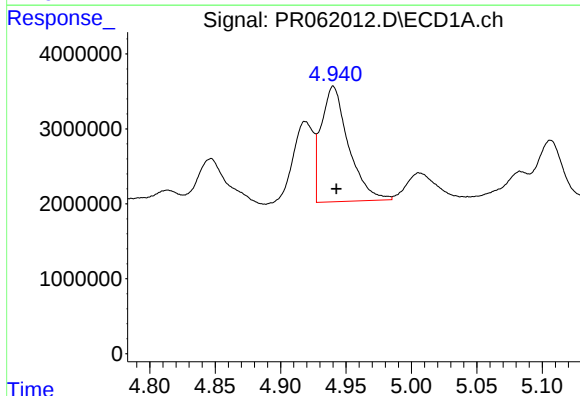
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 12002686
Conc: 161.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



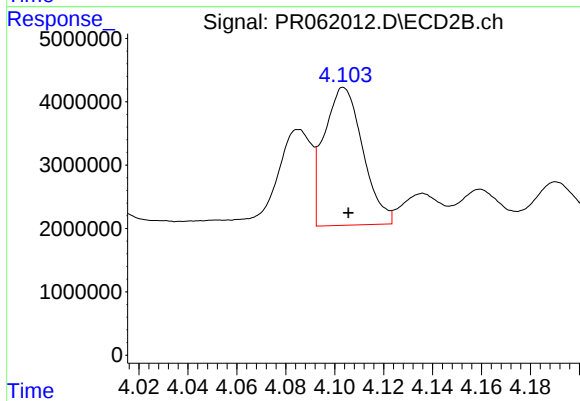
#3 AR-1016-1

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 17226899
Conc: 169.58 ng/ml



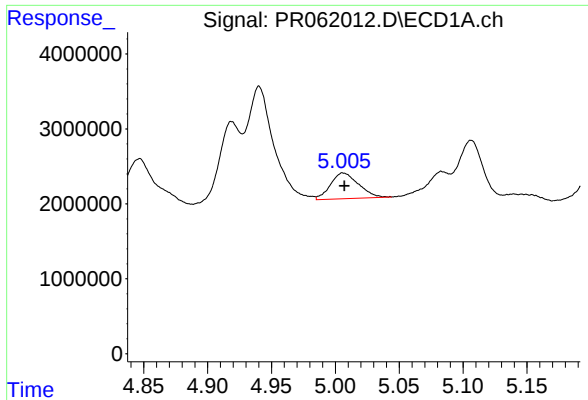
#4 AR-1016-2

R.T.: 4.940 min
Delta R.T.: -0.002 min
Response: 22441334
Conc: 212.25 ng/ml



#4 AR-1016-2

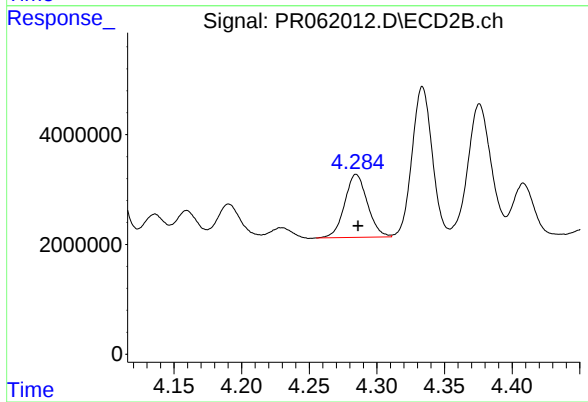
R.T.: 4.104 min
Delta R.T.: -0.002 min
Response: 23908257
Conc: 169.92 ng/ml



#5 AR-1016-3

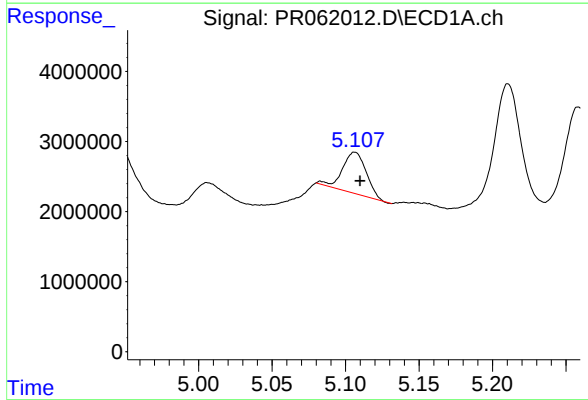
R.T.: 5.006 min
Delta R.T.: -0.001 min
Response: 5249658
Conc: 78.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



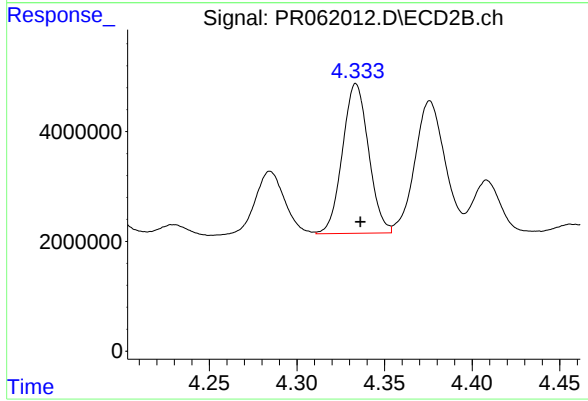
#5 AR-1016-3

R.T.: 4.285 min
Delta R.T.: -0.001 min
Response: 13444044
Conc: 171.78 ng/ml



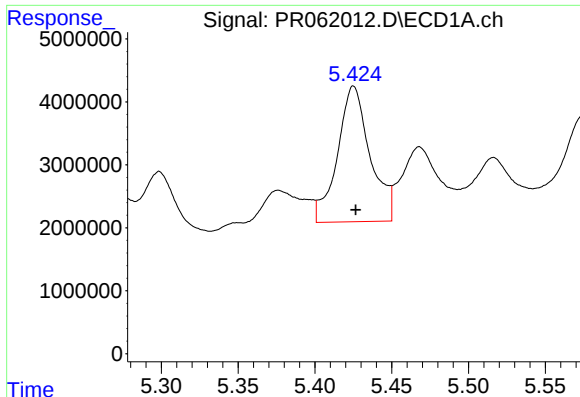
#6 AR-1016-4

R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 6654786
Conc: 124.35 ng/ml



#6 AR-1016-4

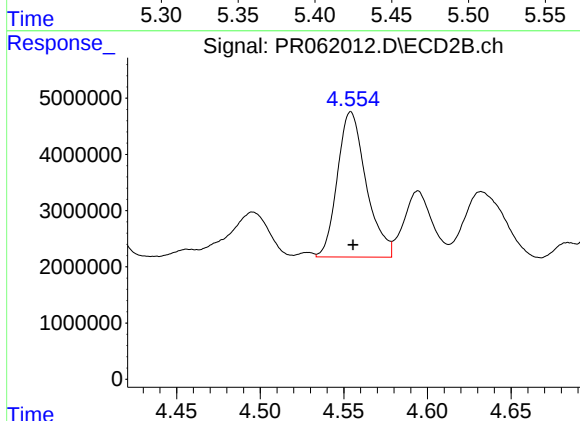
R.T.: 4.334 min
Delta R.T.: -0.003 min
Response: 28305452
Conc: 441.49 ng/ml



#7 AR-1016-5

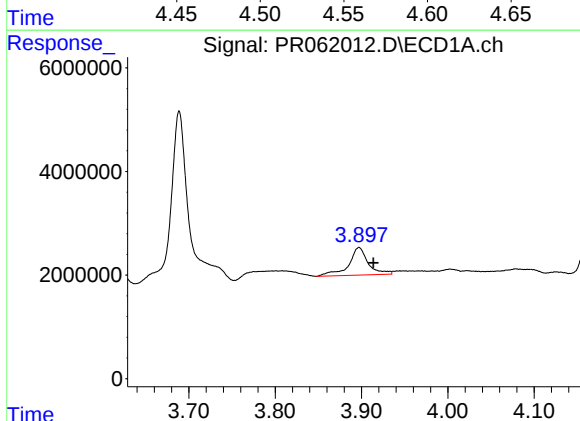
R.T.: 5.425 min
Delta R.T.: -0.001 min
Response: 31862241
Conc: 575.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



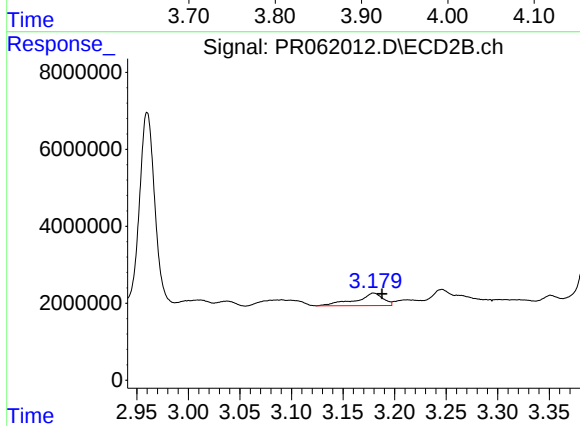
#7 AR-1016-5

R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 30975816
Conc: 372.68 ng/ml



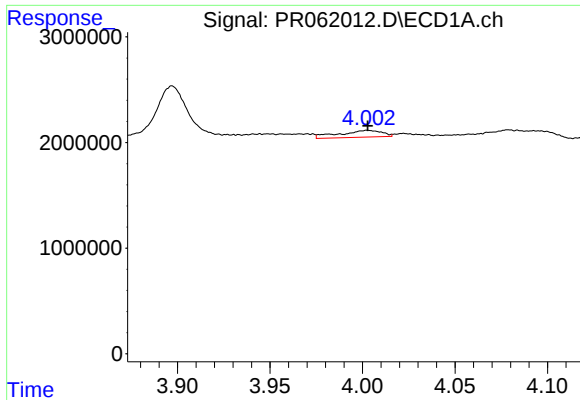
#8 AR-1221-1

R.T.: 3.897 min
Delta R.T.: -0.017 min
Response: 8426217
Conc: 312.29 ng/ml



#8 AR-1221-1

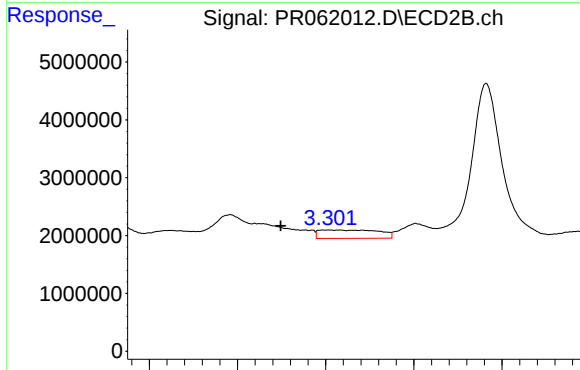
R.T.: 3.180 min
Delta R.T.: -0.008 min
Response: 6014556
Conc: 167.73 ng/ml



#9 AR-1221-2

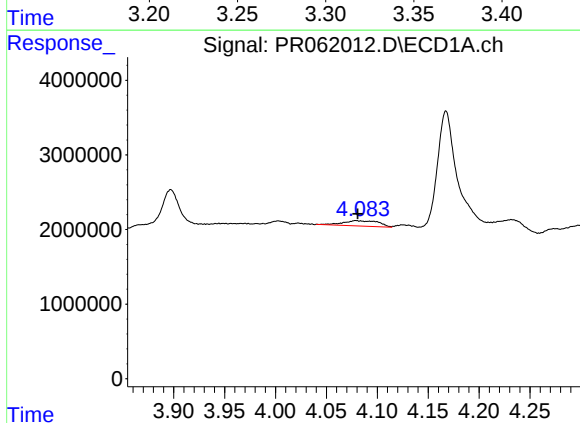
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 1041446
Conc: 54.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



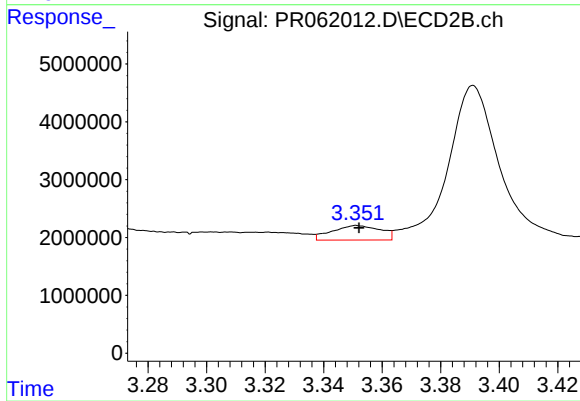
#9 AR-1221-2

R.T.: 3.301 min
Delta R.T.: 0.027 min
Response: 3407208
Conc: 123.84 ng/ml



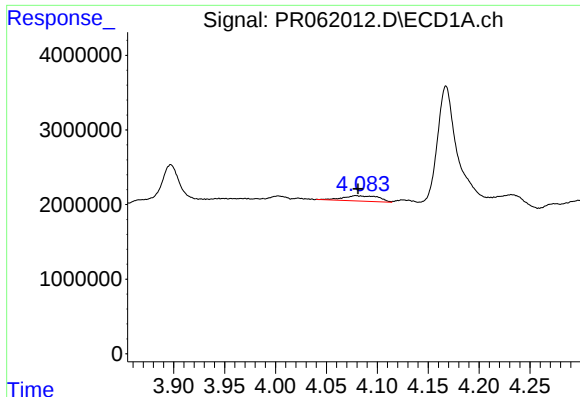
#10 AR-1221-3

R.T.: 4.079 min
Delta R.T.: -0.002 min
Response: 1746577
Conc: 28.83 ng/ml



#10 AR-1221-3

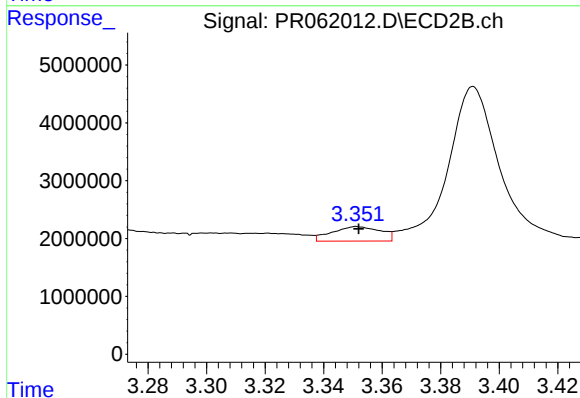
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 2893252
Conc: 35.88 ng/ml



#11 AR-1232-1

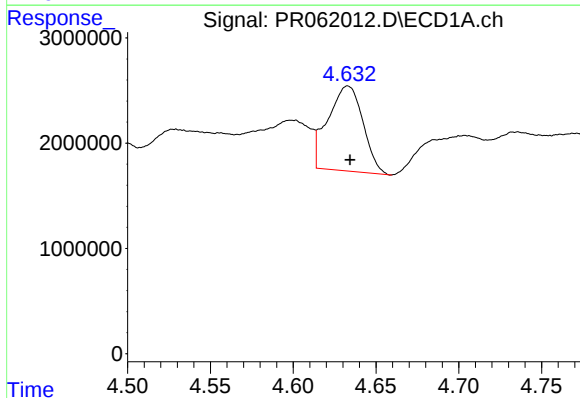
R.T.: 4.079 min
Delta R.T.: -0.002 min
Response: 1746577
Conc: 38.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



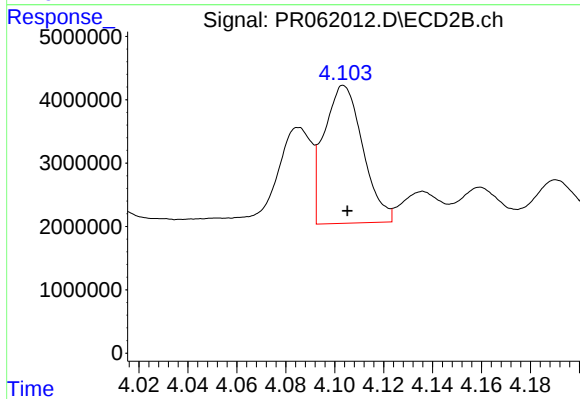
#11 AR-1232-1

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 2893252
Conc: 47.93 ng/ml



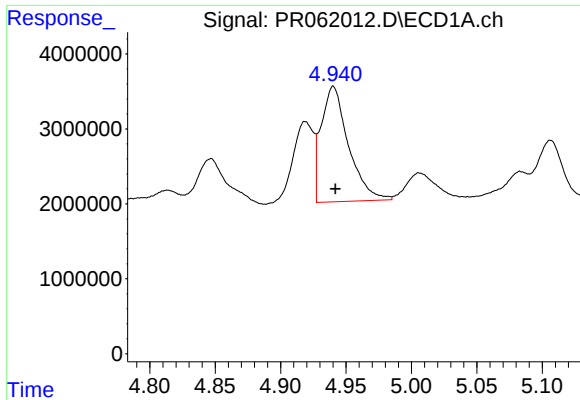
#12 AR-1232-2

R.T.: 4.633 min
Delta R.T.: -0.001 min
Response: 11881620
Conc: 447.10 ng/ml



#12 AR-1232-2

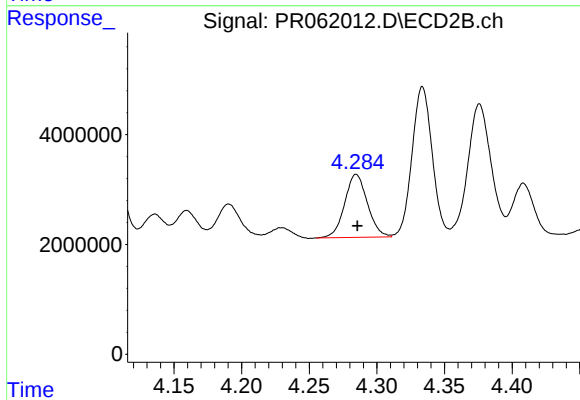
R.T.: 4.104 min
Delta R.T.: -0.001 min
Response: 23908257
Conc: 385.18 ng/ml



#13 AR-1232-3

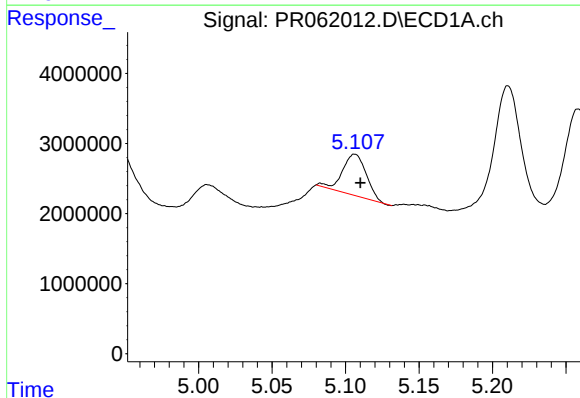
R.T.: 4.940 min
Delta R.T.: -0.002 min
Response: 22441334
Conc: 486.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



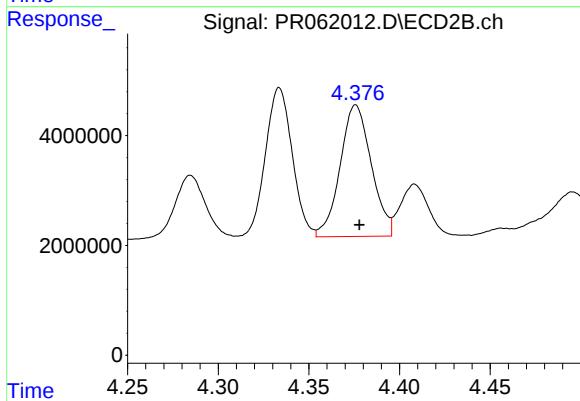
#13 AR-1232-3

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 13444044
Conc: 385.55 ng/ml



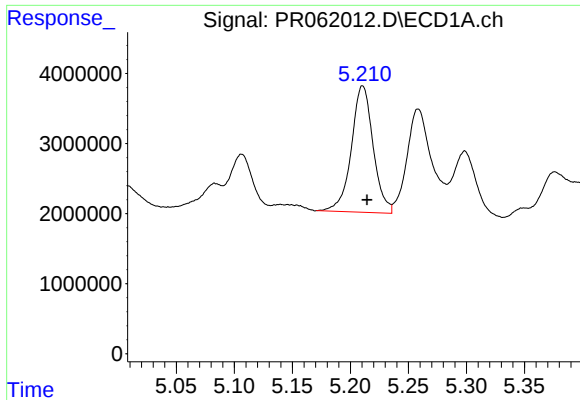
#14 AR-1232-4

R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 6654786
Conc: 291.14 ng/ml



#14 AR-1232-4

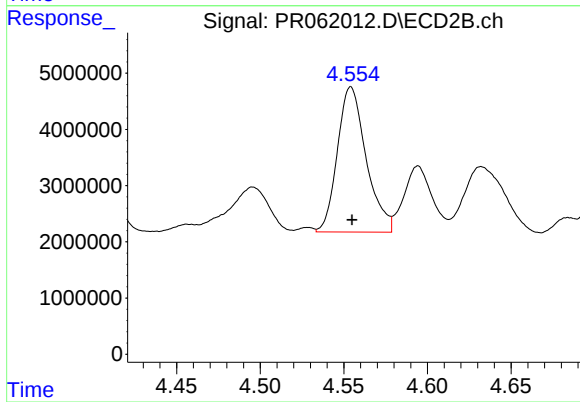
R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 28676797
Conc: 913.29 ng/ml



#15 AR-1232-5

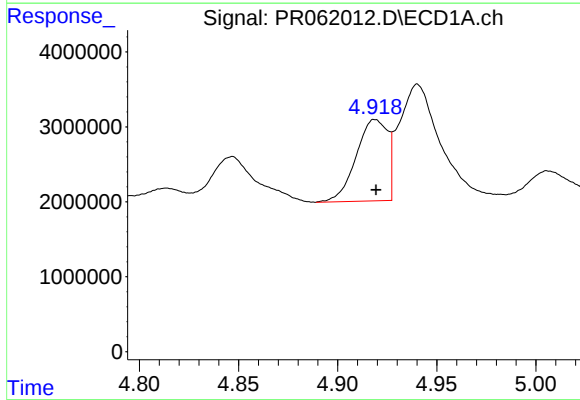
R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 23611847
Conc: 1283.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



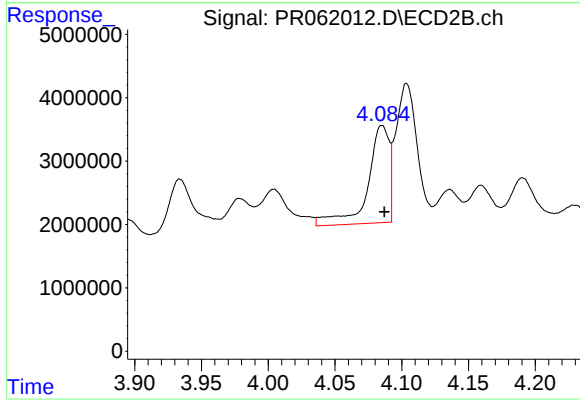
#15 AR-1232-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 30975816
Conc: 859.91 ng/ml



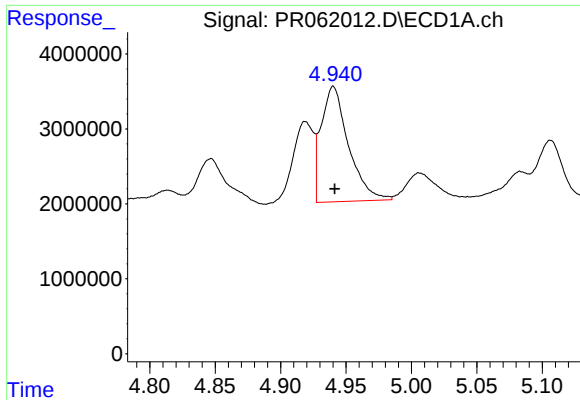
#16 AR-1242-1

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 12002686
Conc: 216.31 ng/ml



#16 AR-1242-1

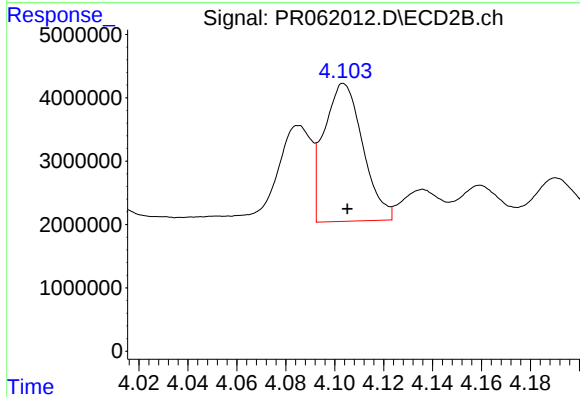
R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 17226899
Conc: 226.27 ng/ml



#17 AR-1242-2

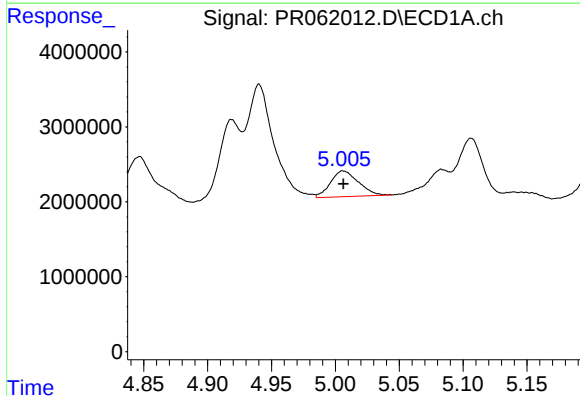
R.T.: 4.940 min
Delta R.T.: -0.001 min
Response: 22441334
Conc: 285.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



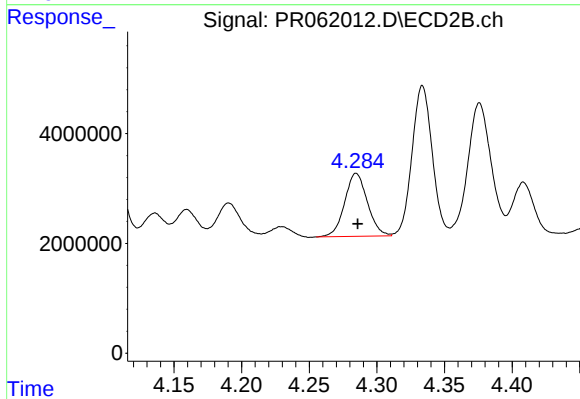
#17 AR-1242-2

R.T.: 4.104 min
Delta R.T.: -0.001 min
Response: 23908257
Conc: 229.62 ng/ml



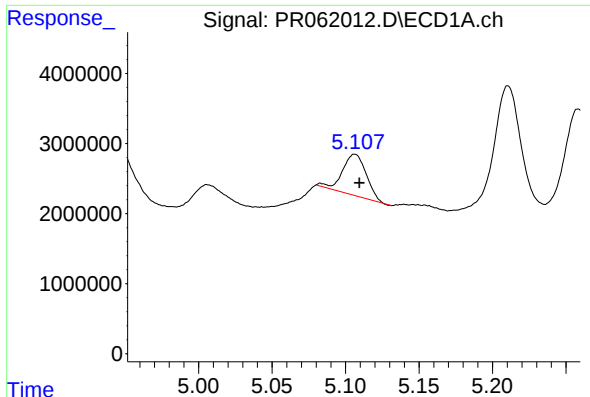
#18 AR-1242-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 5249658
Conc: 104.82 ng/ml



#18 AR-1242-3

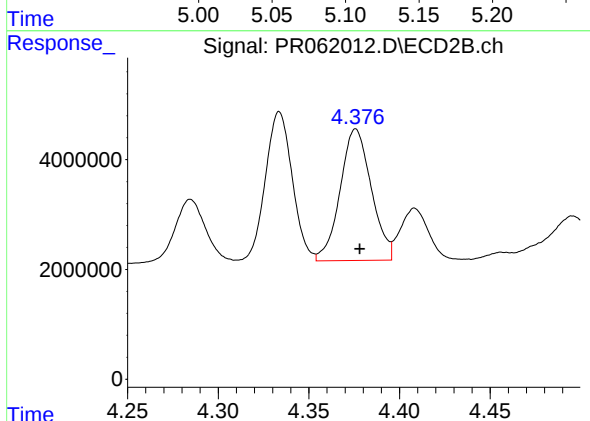
R.T.: 4.285 min
Delta R.T.: -0.001 min
Response: 13444044
Conc: 228.09 ng/ml



#19 AR-1242-4

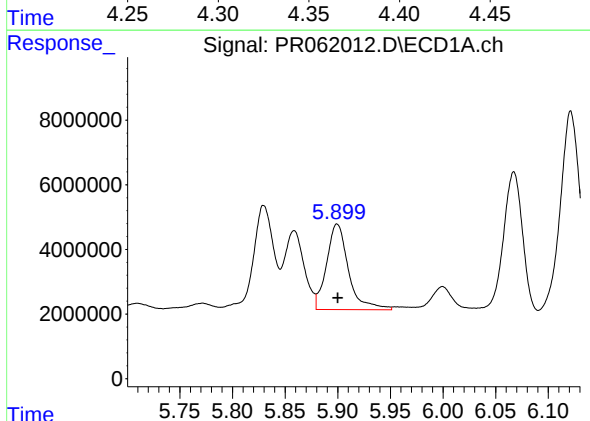
R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 6654786
Conc: 165.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



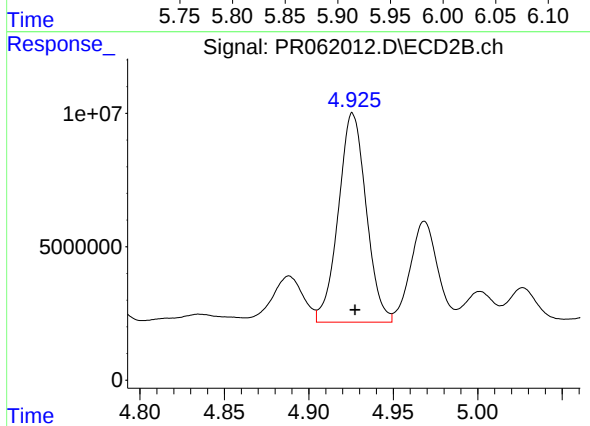
#19 AR-1242-4

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 28676797
Conc: 483.06 ng/ml



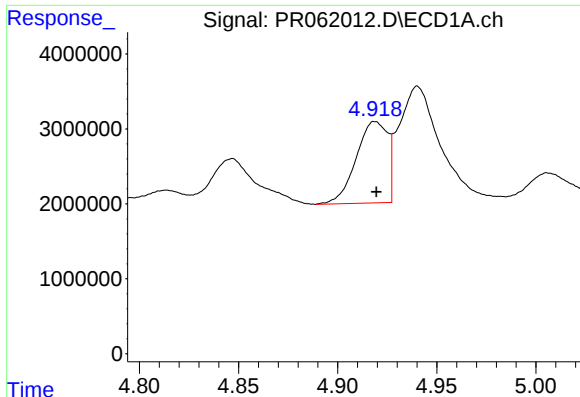
#20 AR-1242-5

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 38492060
Conc: 976.62 ng/ml



#20 AR-1242-5

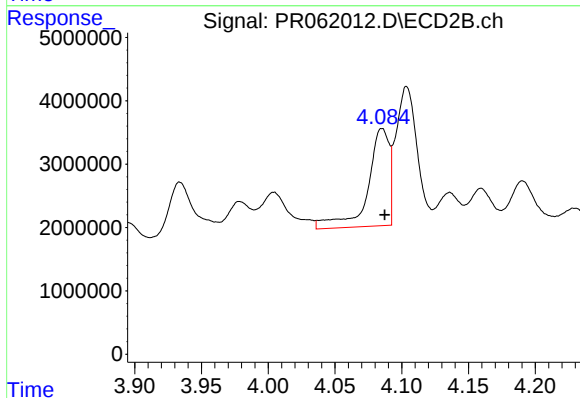
R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 89991427
Conc: 1144.61 ng/ml



#21 AR-1248-1

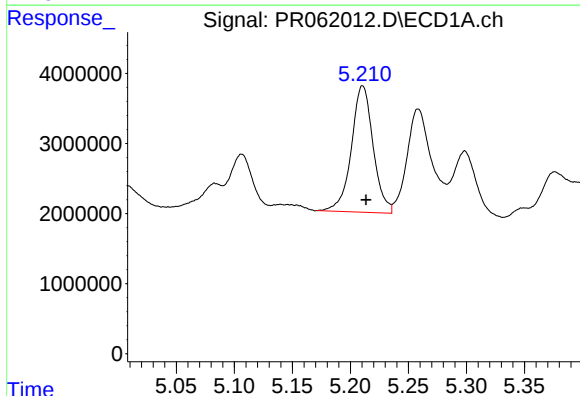
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 12002686
Conc: 280.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



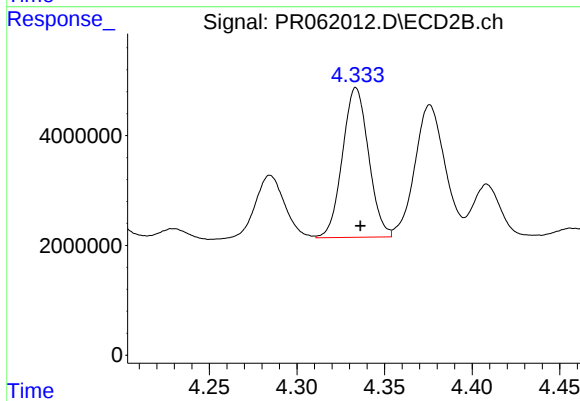
#21 AR-1248-1

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 17226899
Conc: 281.48 ng/ml



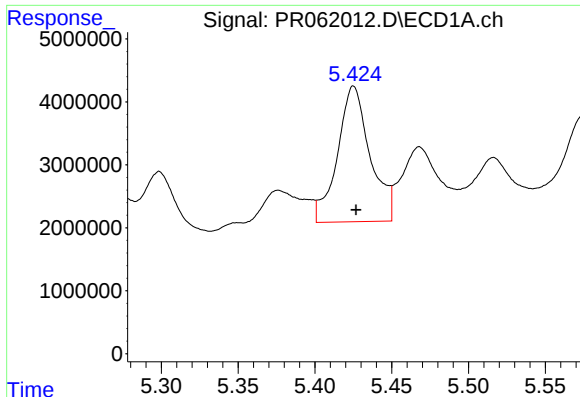
#22 AR-1248-2

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 23611847
Conc: 380.74 ng/ml



#22 AR-1248-2

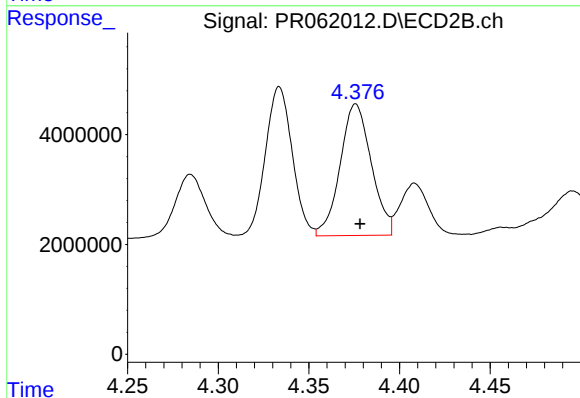
R.T.: 4.334 min
Delta R.T.: -0.002 min
Response: 28305452
Conc: 328.45 ng/ml



#23 AR-1248-3

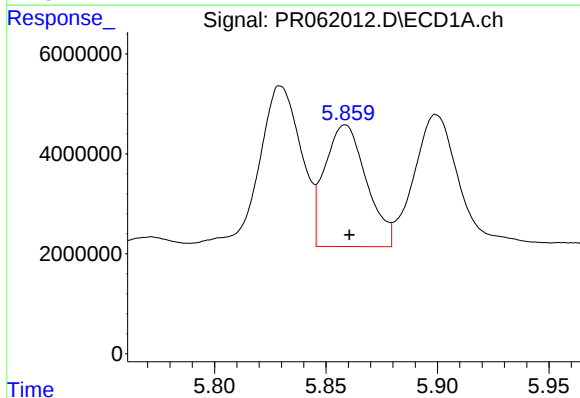
R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 31862241
Conc: 442.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



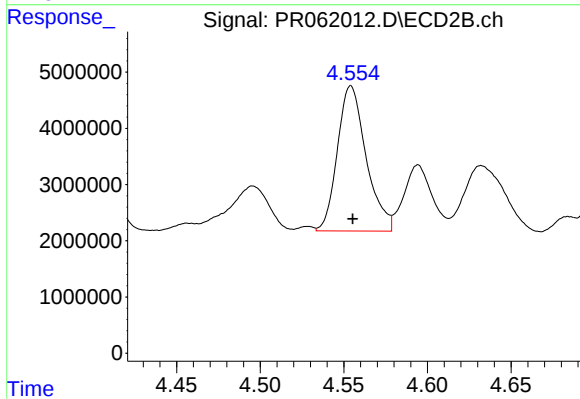
#23 AR-1248-3

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 28676797
Conc: 322.28 ng/ml



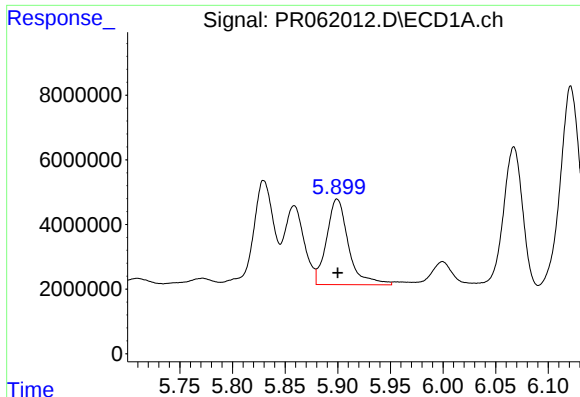
#24 AR-1248-4

R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 31620792
Conc: 432.69 ng/ml



#24 AR-1248-4

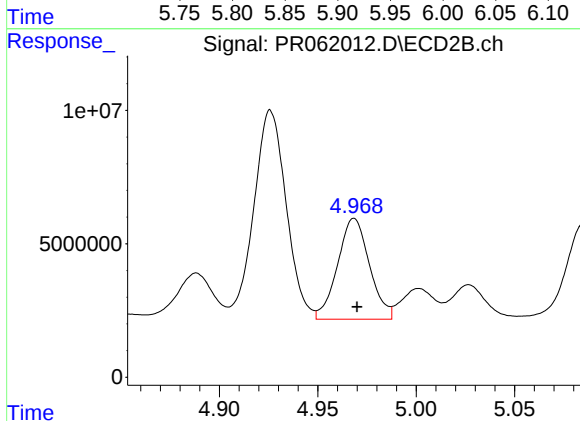
R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 30975816
Conc: 287.14 ng/ml



#25 AR-1248-5

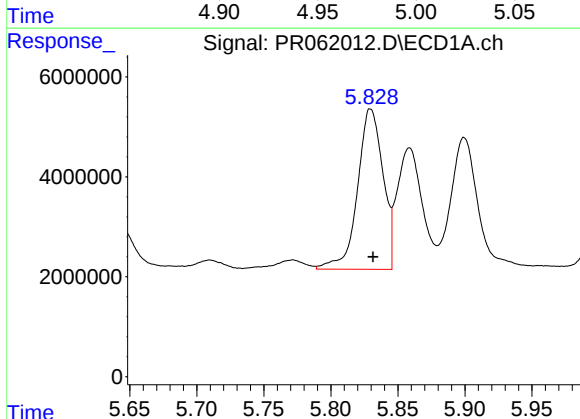
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 38492060
Conc: 540.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



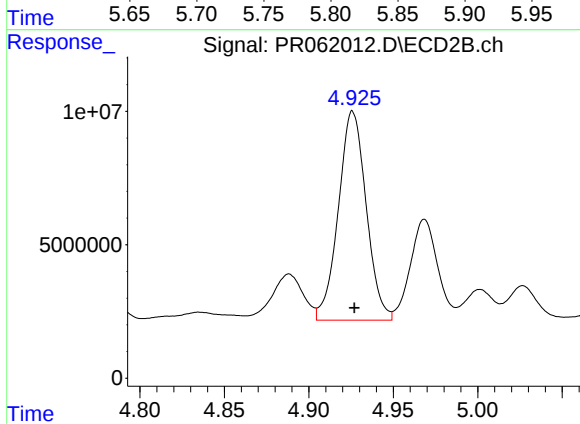
#25 AR-1248-5

R.T.: 4.968 min
Delta R.T.: -0.001 min
Response: 42624131
Conc: 398.46 ng/ml



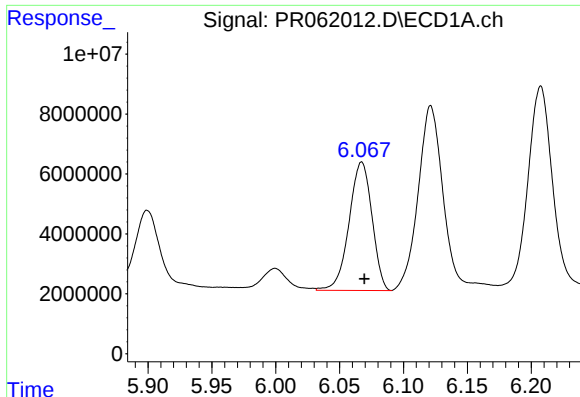
#26 AR-1254-1

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 42376046
Conc: 531.19 ng/ml



#26 AR-1254-1

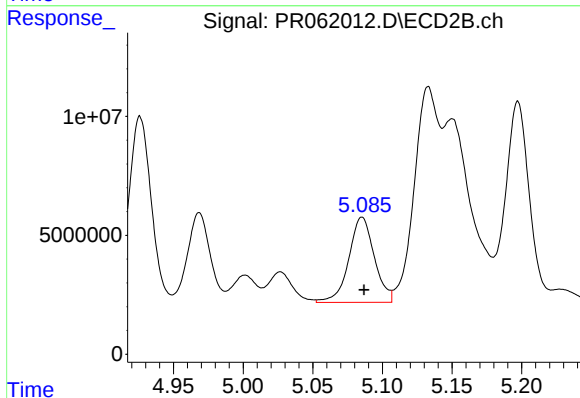
R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 89991427
Conc: 564.06 ng/ml



#27 AR-1254-2

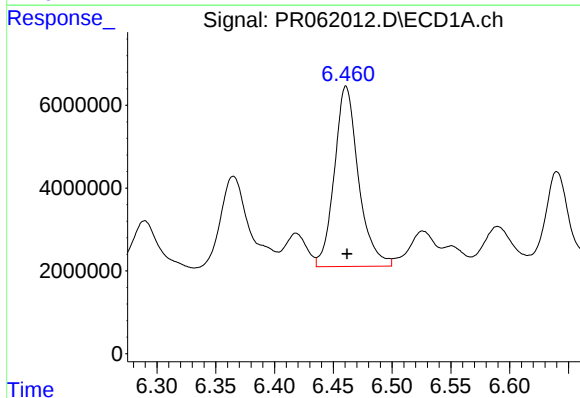
R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 53609697
Conc: 455.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



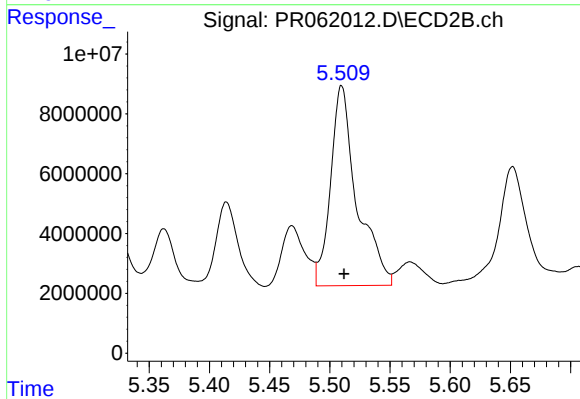
#27 AR-1254-2

R.T.: 5.085 min
Delta R.T.: -0.001 min
Response: 45774122
Conc: 315.19 ng/ml



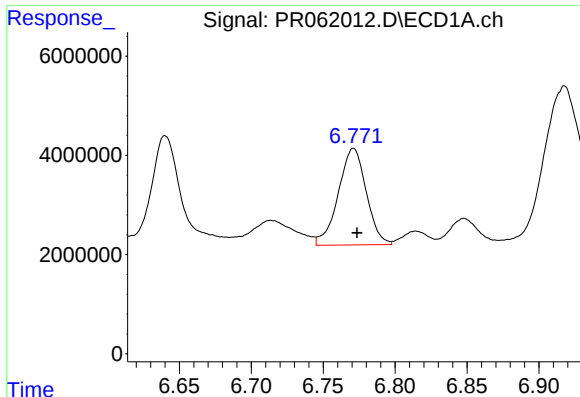
#28 AR-1254-3

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 62140214
Conc: 542.04 ng/ml



#28 AR-1254-3

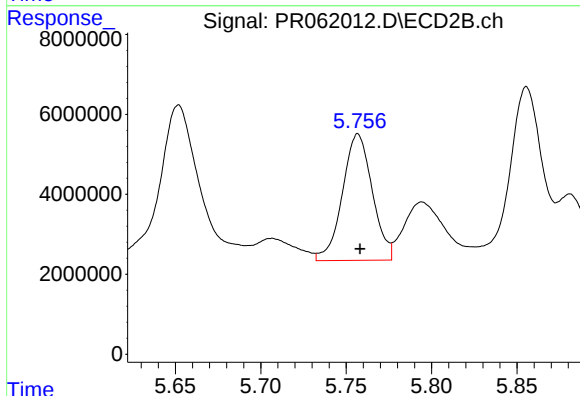
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 101940648
Conc: 430.92 ng/ml



#29 AR-1254-4

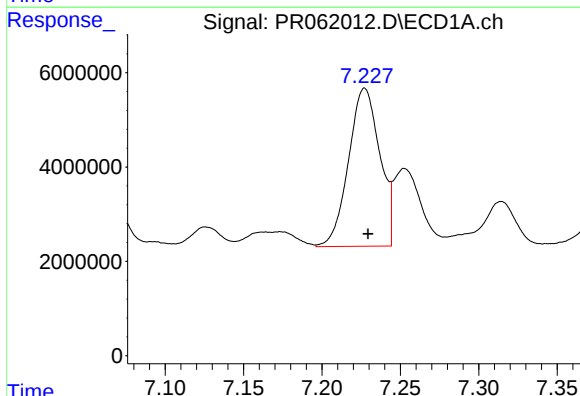
R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 26465400
Conc: 331.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



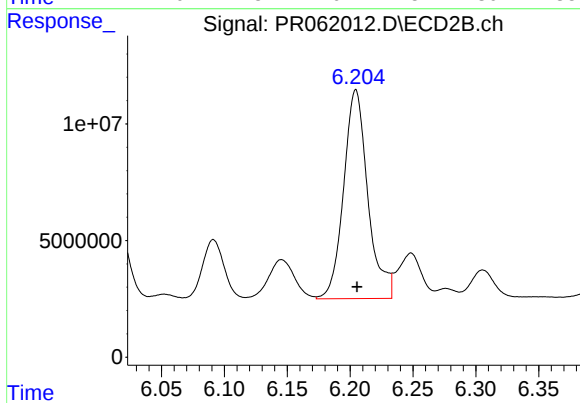
#29 AR-1254-4

R.T.: 5.757 min
Delta R.T.: -0.001 min
Response: 38506619
Conc: 252.85 ng/ml



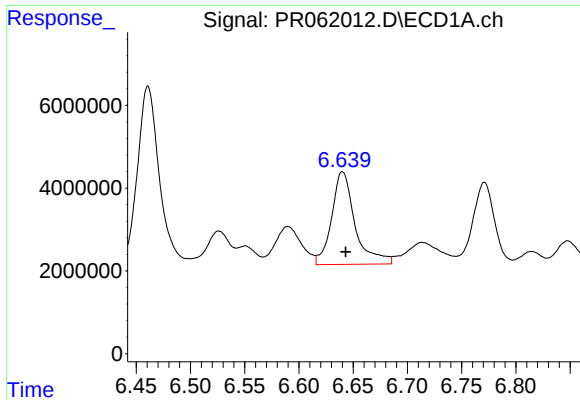
#30 AR-1254-5

R.T.: 7.227 min
Delta R.T.: -0.002 min
Response: 46405913
Conc: 517.35 ng/ml



#30 AR-1254-5

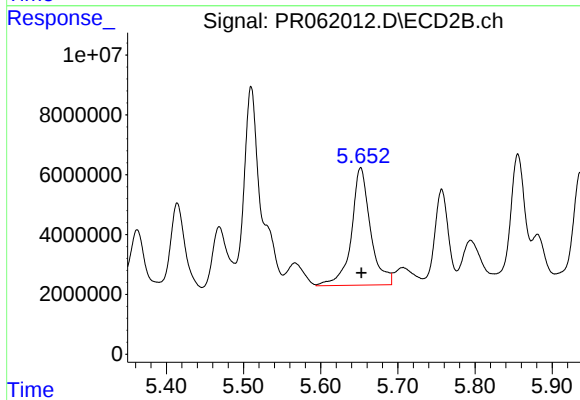
R.T.: 6.205 min
Delta R.T.: -0.001 min
Response: 120074564
Conc: 489.75 ng/ml



#31 AR-1260-1

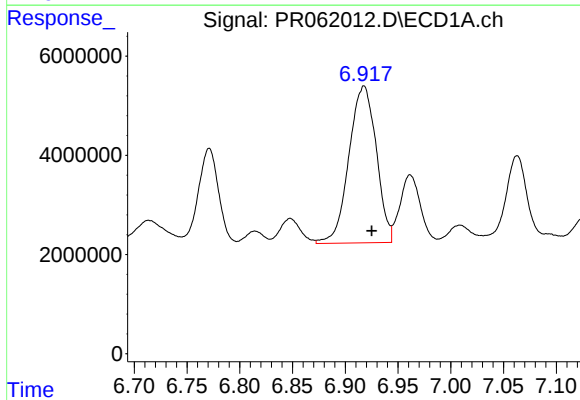
R.T.: 6.640 min
Delta R.T.: -0.003 min
Response: 33689663
Conc: 338.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



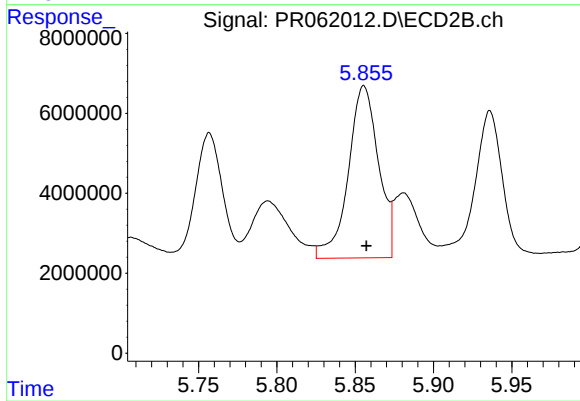
#31 AR-1260-1

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 67507538
Conc: 388.87 ng/ml



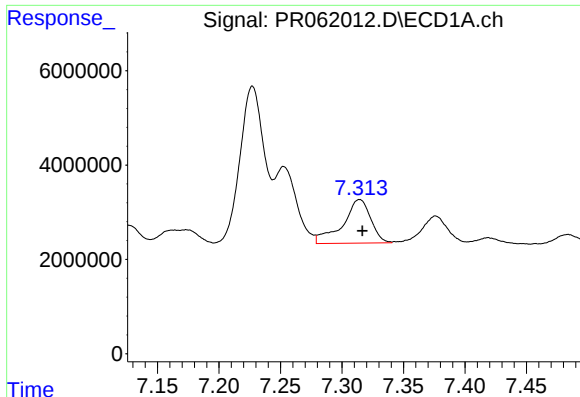
#32 AR-1260-2

R.T.: 6.918 min
Delta R.T.: -0.007 min
Response: 57018151
Conc: 517.35 ng/ml



#32 AR-1260-2

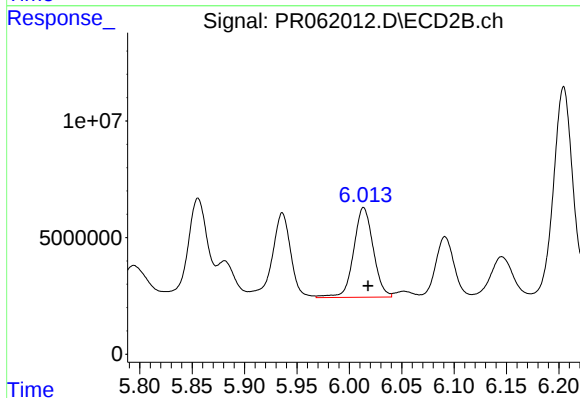
R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 57826443
Conc: 262.86 ng/ml



#33 AR-1260-3

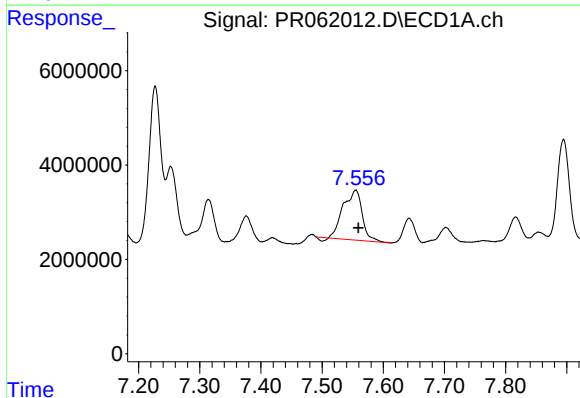
R.T.: 7.314 min
Delta R.T.: -0.002 min
Response: 14641850
Conc: 211.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



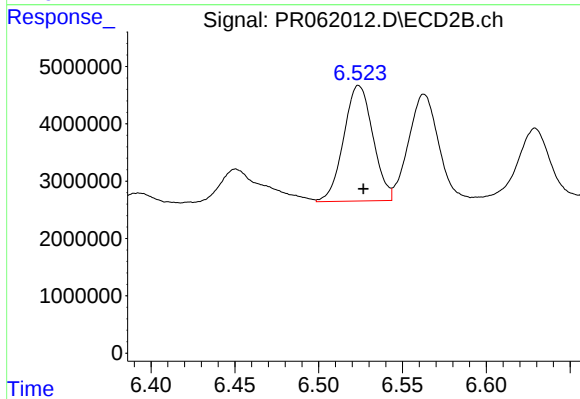
#33 AR-1260-3

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 50183945
Conc: 239.87 ng/ml



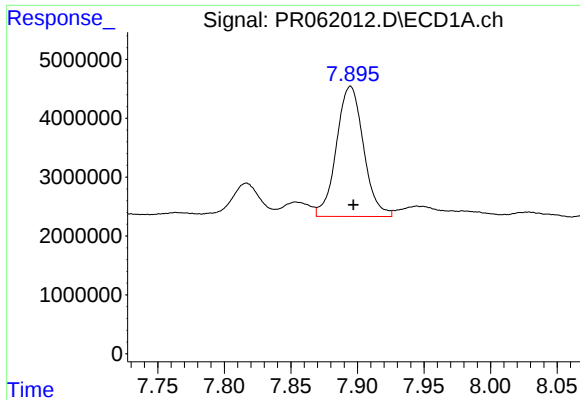
#34 AR-1260-4

R.T.: 7.555 min
Delta R.T.: -0.004 min
Response: 22615057
Conc: 276.14 ng/ml



#34 AR-1260-4

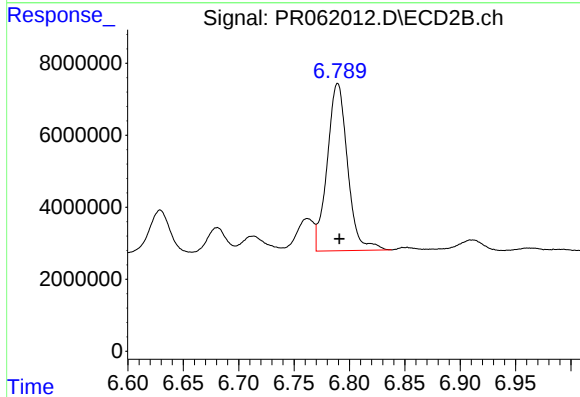
R.T.: 6.524 min
Delta R.T.: -0.003 min
Response: 24476786
Conc: 154.94 ng/ml



#35 AR-1260-5

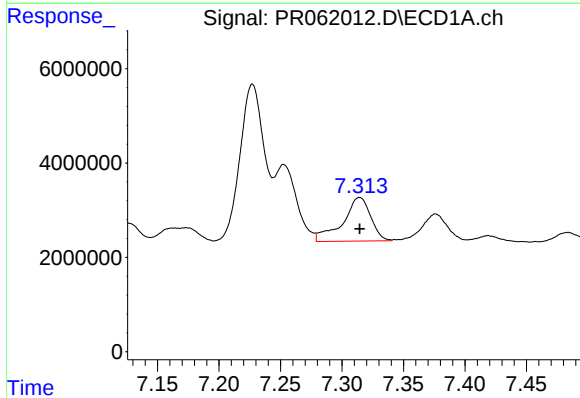
R.T.: 7.895 min
Delta R.T.: -0.002 min
Response: 31296510
Conc: 222.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



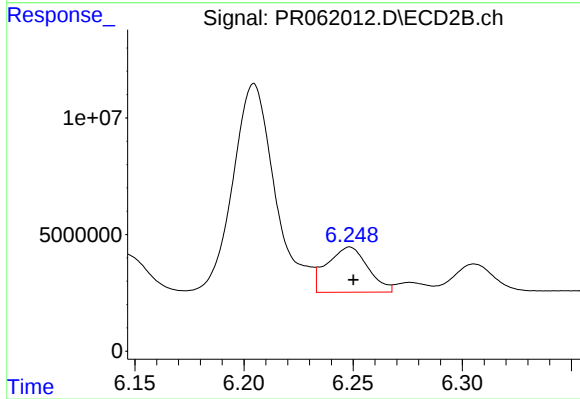
#35 AR-1260-5

R.T.: 6.789 min
Delta R.T.: -0.001 min
Response: 59414988
Conc: 159.97 ng/ml



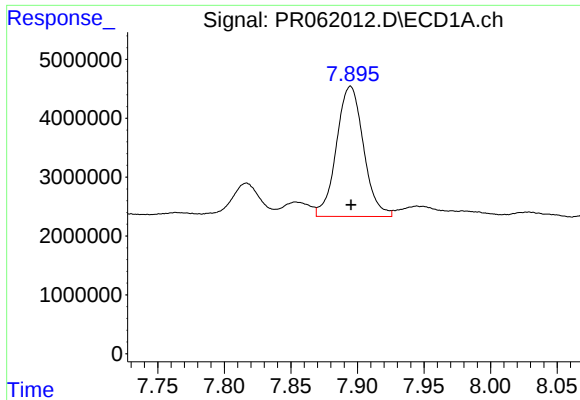
#36 AR-1262-1

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 14641850
Conc: 136.41 ng/ml



#36 AR-1262-1

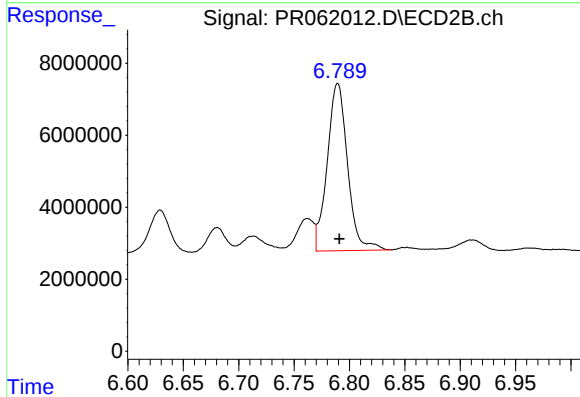
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 25190547
Conc: 106.22 ng/ml



#37 AR-1262-2

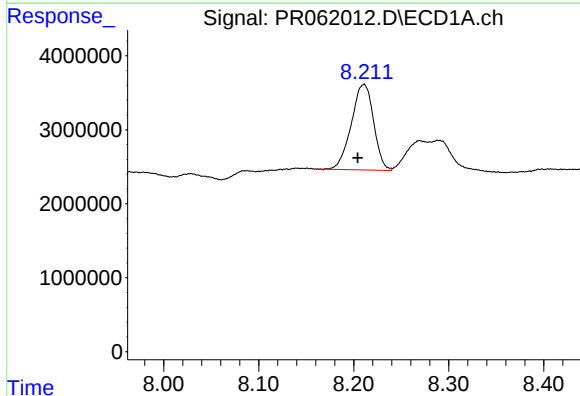
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 31296510
Conc: 188.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



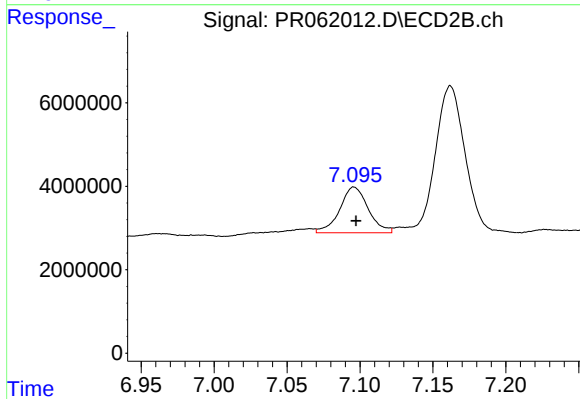
#37 AR-1262-2

R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 59414988
Conc: 135.54 ng/ml



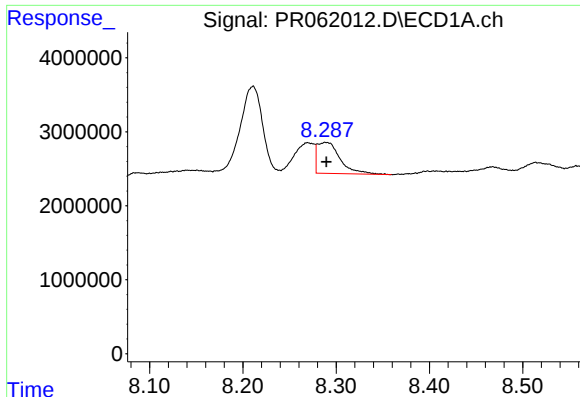
#38 AR-1262-3

R.T.: 8.211 min
Delta R.T.: 0.007 min
Response: 18848921
Conc: 164.96 ng/ml



#38 AR-1262-3

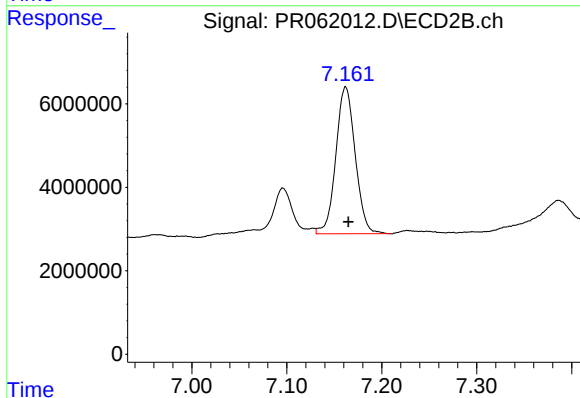
R.T.: 7.096 min
Delta R.T.: -0.001 min
Response: 14963025
Conc: 79.39 ng/ml



#39 AR-1262-4

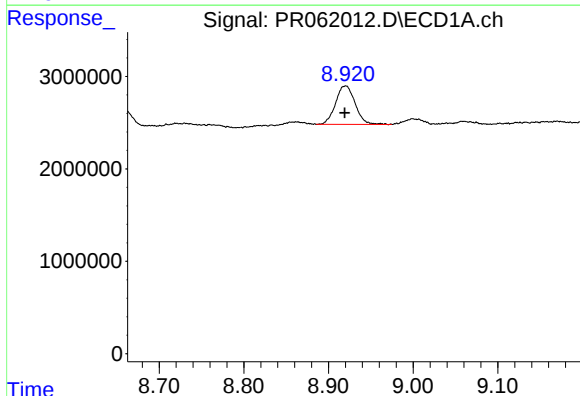
R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 7141399
Conc: 79.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



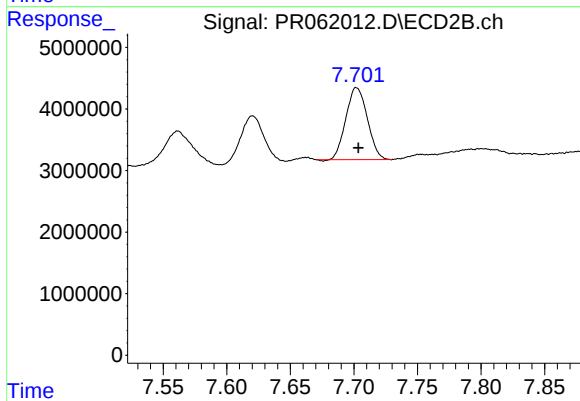
#39 AR-1262-4

R.T.: 7.162 min
Delta R.T.: -0.003 min
Response: 49915303
Conc: 148.40 ng/ml



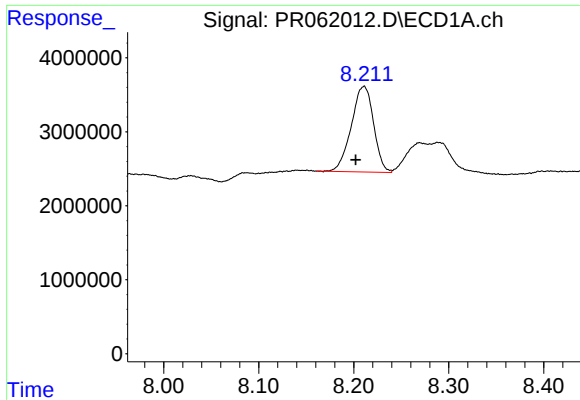
#40 AR-1262-5

R.T.: 8.920 min
Delta R.T.: 0.000 min
Response: 6671548
Conc: 113.18 ng/ml



#40 AR-1262-5

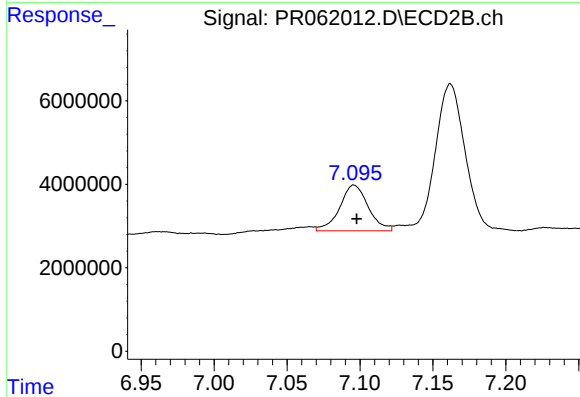
R.T.: 7.702 min
Delta R.T.: -0.001 min
Response: 13747885
Conc: 85.79 ng/ml



#41 AR-1268-1

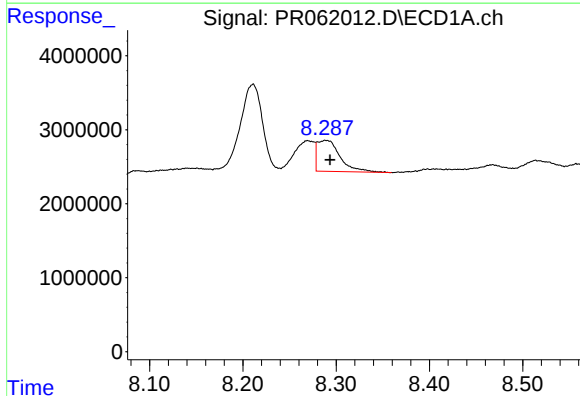
R.T.: 8.211 min
Delta R.T.: 0.009 min
Response: 18848921
Conc: 95.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



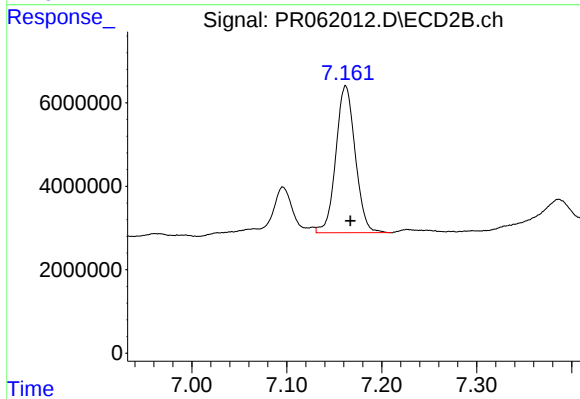
#41 AR-1268-1

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 14963025
Conc: 29.08 ng/ml



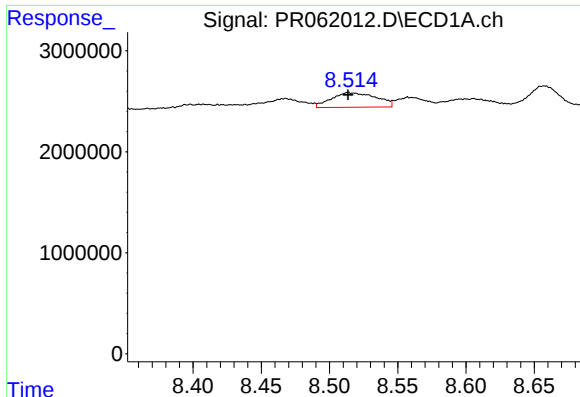
#42 AR-1268-2

R.T.: 8.289 min
Delta R.T.: -0.005 min
Response: 7141399
Conc: 39.20 ng/ml



#42 AR-1268-2

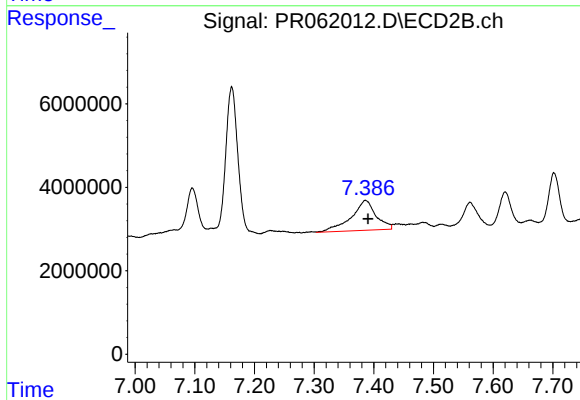
R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 49915303
Conc: 104.89 ng/ml



#43 AR-1268-3

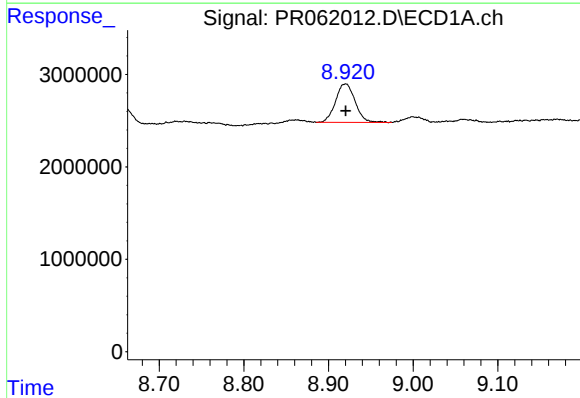
R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 3321055
Conc: 21.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



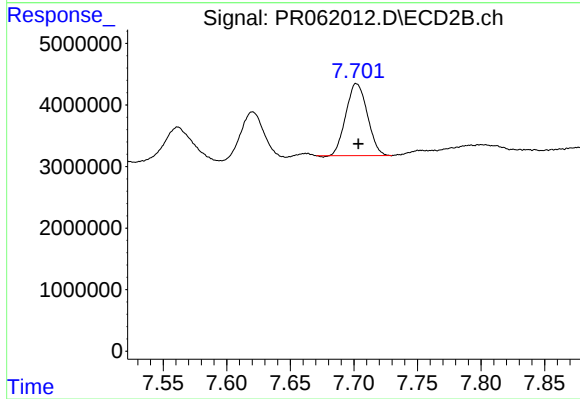
#43 AR-1268-3

R.T.: 7.386 min
Delta R.T.: -0.004 min
Response: 20796885
Conc: 50.78 ng/ml



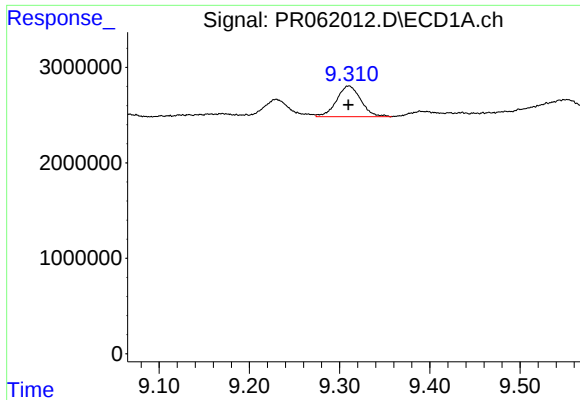
#44 AR-1268-4

R.T.: 8.920 min
Delta R.T.: 0.000 min
Response: 6671548
Conc: 103.67 ng/ml



#44 AR-1268-4

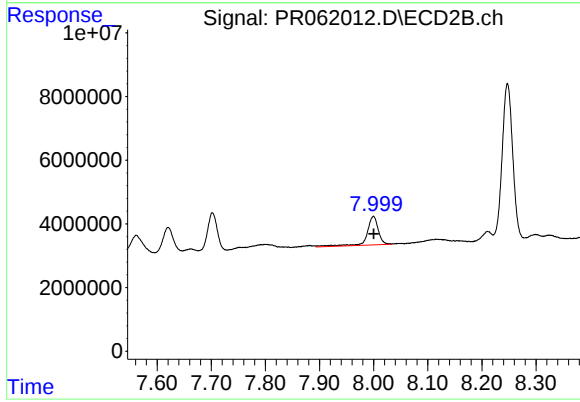
R.T.: 7.702 min
Delta R.T.: -0.001 min
Response: 13747885
Conc: 78.22 ng/ml



#45 AR-1268-5

R.T.: 9.310 min
Delta R.T.: 0.000 min
Response: 6027276
Conc: 13.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 12894226
Conc: 10.01 ng/ml