

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062023\
 Data File : PR061914.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 10:18
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:32:03 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...	3.691	2.961	116.5E6	142.3E6	52.961	51.799
2)	SA Decachlor...	9.627	8.248	74213373	169.1E6	51.289	47.672
Target Compounds							
3)	L1 AR-1016-1	4.920	4.087	39548101	51789847	531.144	509.824
4)	L1 AR-1016-2	4.942	4.105	56191960	72407877	531.462	514.630
5)	L1 AR-1016-3	5.006	4.285	35300881	39538439	526.258	505.213
6)	L1 AR-1016-4	5.109	4.336	28246900	31350520	527.836	488.987
7)	L1 AR-1016-5	5.426	4.555	28614969	39829834	516.682	479.204
8)	L2 AR-1221-1	3.910	3.187	4201257	5381131	155.705	150.065
9)	L2 AR-1221-2	4.003	3.274	5723207	7918665	299.593	287.806
10)	L2 AR-1221-3	4.080	3.352	21770652	28234726	359.416	350.158
11)	L3 AR-1232-1	4.080	3.352	21770652	28234726	476.099	467.717
12)	L3 AR-1232-2	4.634	4.105	30178442	72407877	1135.593	1166.537
13)	L3 AR-1232-3	4.942	4.285	56191960	39538439	1219.223	1133.892
14)	L3 AR-1232-4	5.109	4.378	28246900	37331890	1235.771	1188.939
15)	L3 AR-1232-5	5.213	4.555	23649501	39829834	1285.202	1105.705
16)	L4 AR-1242-1	4.920	4.087	39548101	51789847	712.730	680.244
17)	L4 AR-1242-2	4.942	4.105	56191960	72407877	714.772	695.410
18)	L4 AR-1242-3	5.006	4.285	35300881	39538439	704.842	670.801
19)	L4 AR-1242-4	5.109	4.378	28246900	37331890	701.129	628.855
20)	L4 AR-1242-5	5.901	4.927	4007121	33051295	101.669	420.382 #
21)	L5 AR-1248-1	4.920	4.087	39548101	51789847	925.397	846.235
22)	L5 AR-1248-2	5.213	4.336	23649501	31350520	381.351	363.783
23)	L5 AR-1248-3	5.426	4.378	28614969	37331890	397.764	419.554
24)	L5 AR-1248-4	5.860	4.555	3788312	39829834	51.839	369.218 #
25)	L5 AR-1248-5	5.901	4.969	4007121	4927978	56.277	46.068
26)	L6 AR-1254-1	5.832	4.927	21444857	33051295	268.812	207.162
27)	L6 AR-1254-2	6.069	5.086	23359034	32153574	198.601	221.401
28)	L6 AR-1254-3	6.461	5.530f	12181835	60008876	106.261	253.665 #
29)	L6 AR-1254-4	6.773	5.757	6992615	7405397	87.458	48.627 #
30)	L6 AR-1254-5	7.228	6.205	65970081	130.3E6	735.455	531.517 #
31)	L7 AR-1260-1	6.642	5.652	50604142	86531661	508.891	498.453
32)	L7 AR-1260-2	6.925	5.857	56412718	104.4E6	511.861	474.609
33)	L7 AR-1260-3	7.315	6.016	35655959	98971324	515.093	473.071
34)	L7 AR-1260-4	7.558	6.526	42794762	75943760	522.539	480.723
35)	L7 AR-1260-5	7.896	6.790	75254062	184.5E6	534.527	496.744
36)	L8 AR-1262-1	7.315	6.249	35655959	78469100	332.188	330.883
37)	L8 AR-1262-2	7.896	6.790	75254062	184.5E6	453.263	420.857
38)	L8 AR-1262-3	8.212	7.097	47853797	35276578	418.801	187.164 #
39)	L8 AR-1262-4	8.292	7.163	10959812	137.4E6	122.755	408.576 #
40)	L8 AR-1262-5	8.920	7.703	17865460	42691832	303.074	266.418
41)	L9 AR-1268-1	8.212	7.097	47853797	35276578	242.002	68.567 #

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 ALS Vial : 3 Sample Multiplier: 1

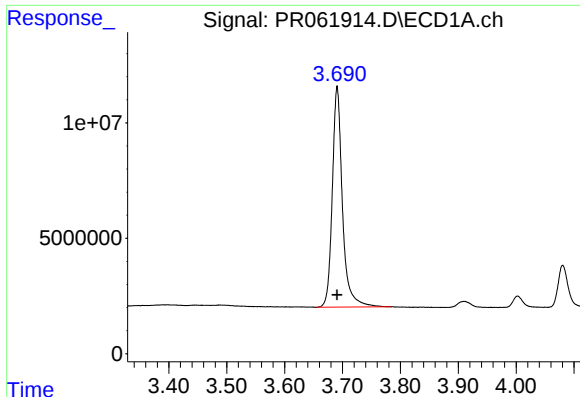
Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:32:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
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 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	8.292	7.163	10959812	137.4E6	60.153	288.784 #
43) L9	AR-1268-3	8.513	7.390	1652565	3823466	10.563	9.336
44) L9	AR-1268-4	8.920	7.703	17865460	42691832	277.624	242.903
45) L9	AR-1268-5	9.310	8.000	6201646	15727102	13.481	12.209

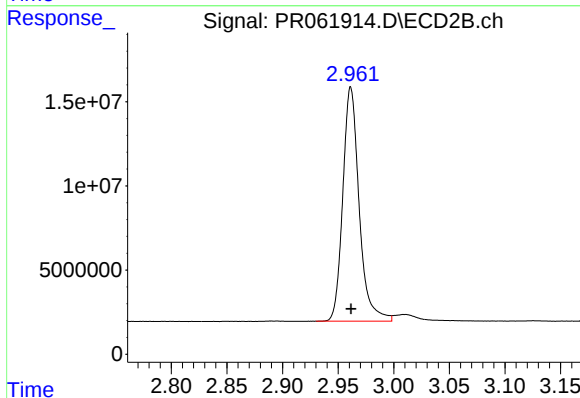
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

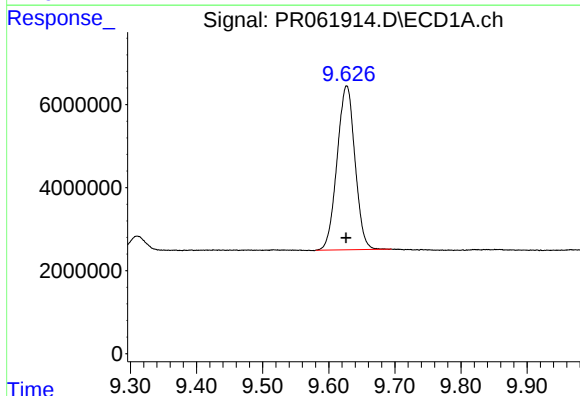
R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 116456227
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



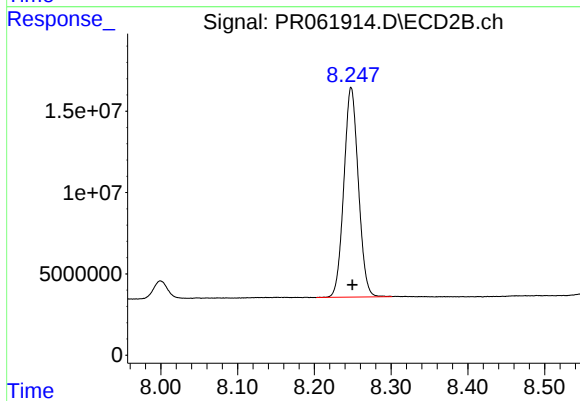
#1 Tetrachloro-m-xylene

R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 142293921
Conc: 51.80 ng/ml



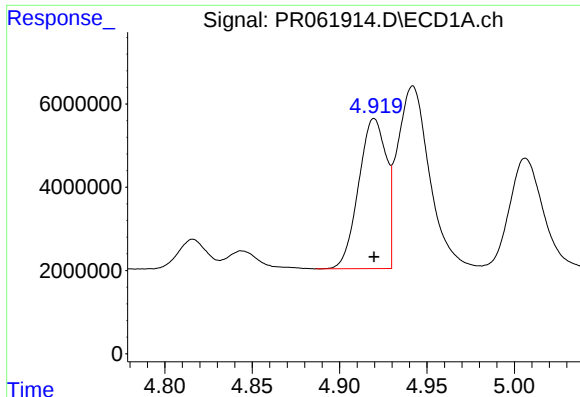
#2 Decachlorobiphenyl

R.T.: 9.627 min
Delta R.T.: 0.001 min
Response: 74213373
Conc: 51.29 ng/ml



#2 Decachlorobiphenyl

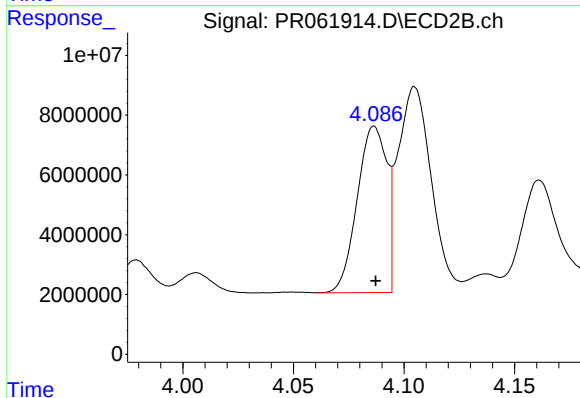
R.T.: 8.248 min
Delta R.T.: -0.002 min
Response: 169064460
Conc: 47.67 ng/ml



#3 AR-1016-1

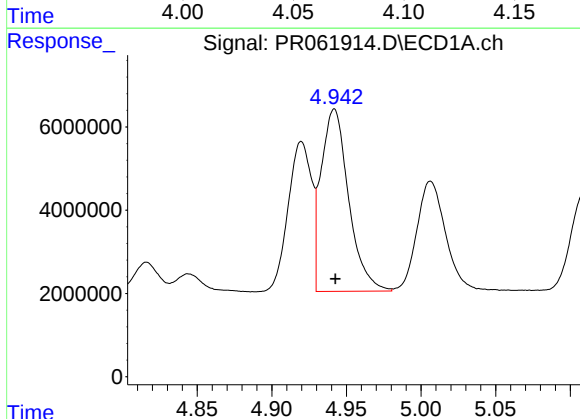
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 39548101
Conc: 531.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



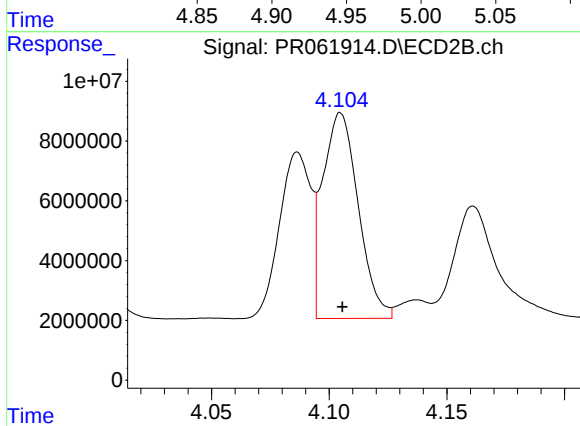
#3 AR-1016-1

R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 51789847
Conc: 509.82 ng/ml



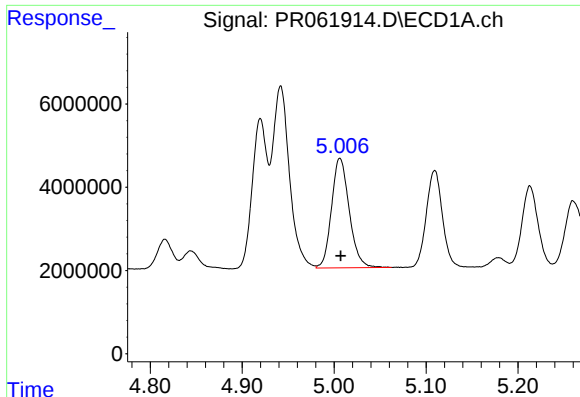
#4 AR-1016-2

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 56191960
Conc: 531.46 ng/ml



#4 AR-1016-2

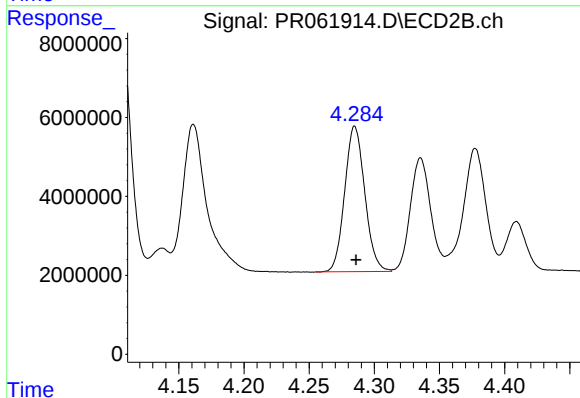
R.T.: 4.105 min
Delta R.T.: 0.000 min
Response: 72407877
Conc: 514.63 ng/ml



#5 AR-1016-3

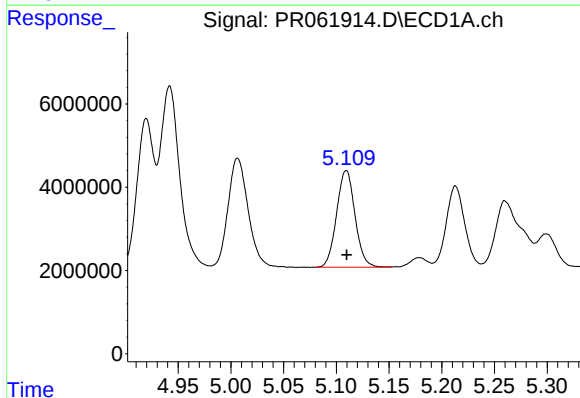
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 35300881
Conc: 526.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



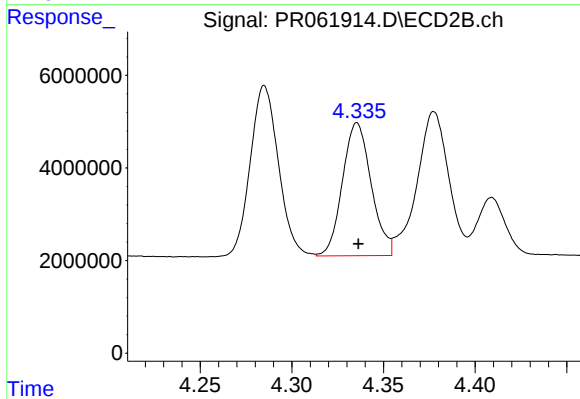
#5 AR-1016-3

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 39538439
Conc: 505.21 ng/ml



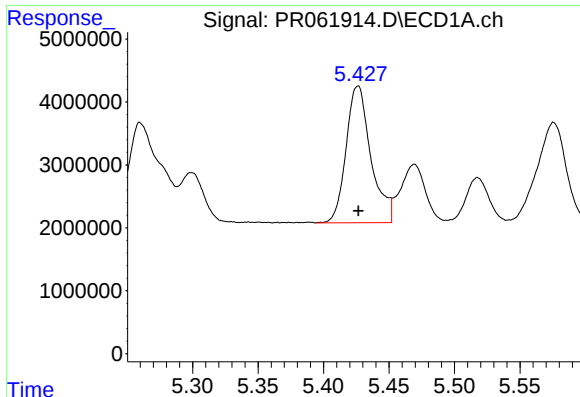
#6 AR-1016-4

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 28246900
Conc: 527.84 ng/ml



#6 AR-1016-4

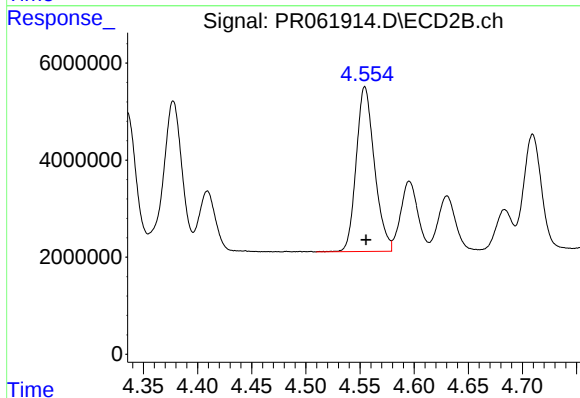
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 31350520
Conc: 488.99 ng/ml



#7 AR-1016-5

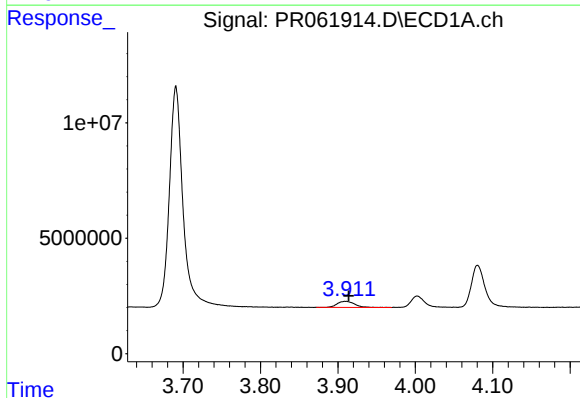
R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 28614969
Conc: 516.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



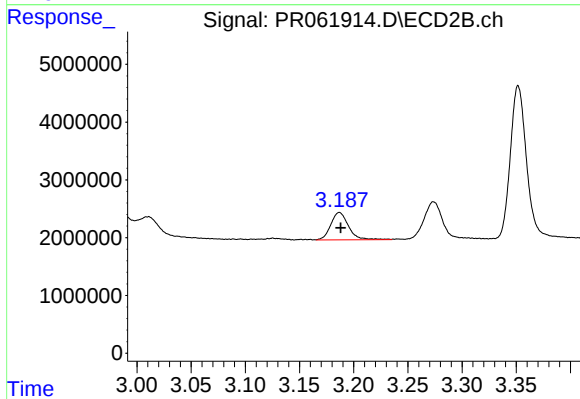
#7 AR-1016-5

R.T.: 4.555 min
Delta R.T.: -0.001 min
Response: 39829834
Conc: 479.20 ng/ml



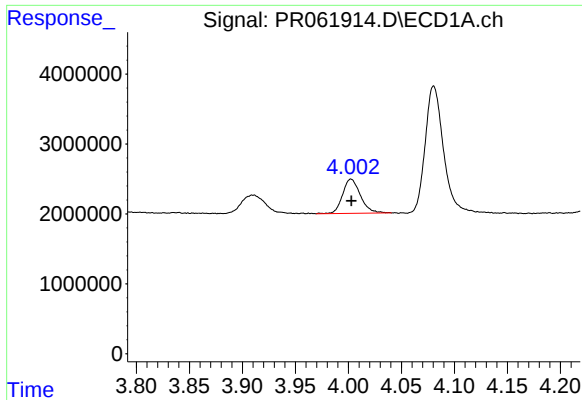
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: -0.004 min
Response: 4201257
Conc: 155.71 ng/ml



#8 AR-1221-1

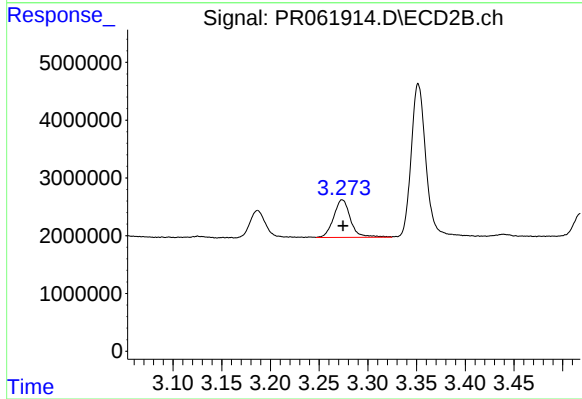
R.T.: 3.187 min
Delta R.T.: -0.001 min
Response: 5381131
Conc: 150.07 ng/ml



#9 AR-1221-2

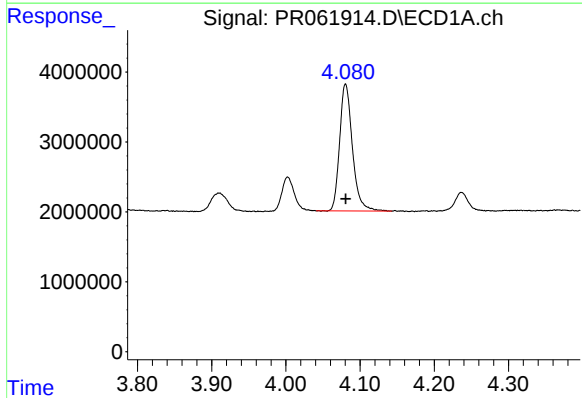
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 5723207
Conc: 299.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



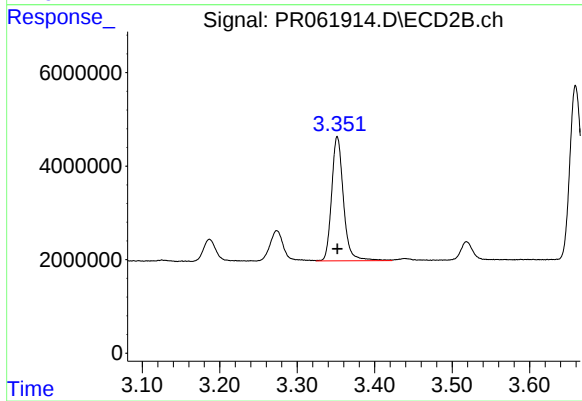
#9 AR-1221-2

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 7918665
Conc: 287.81 ng/ml



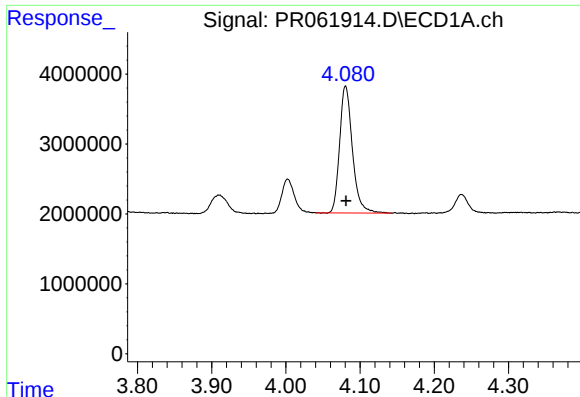
#10 AR-1221-3

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 21770652
Conc: 359.42 ng/ml



#10 AR-1221-3

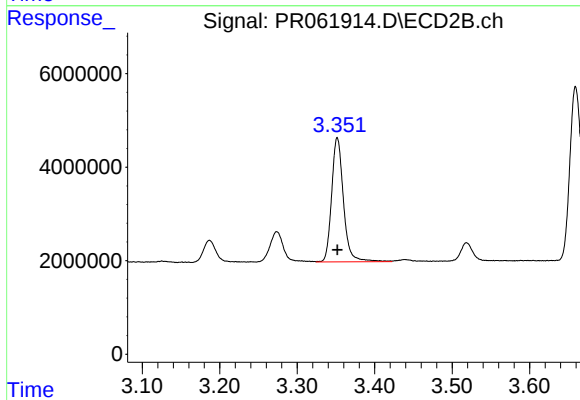
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 28234726
Conc: 350.16 ng/ml



#11 AR-1232-1

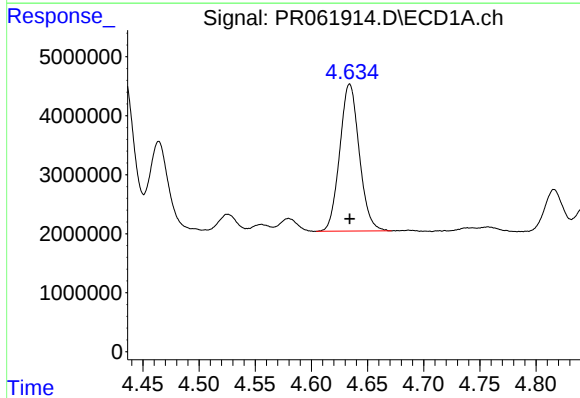
R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 21770652
Conc: 476.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



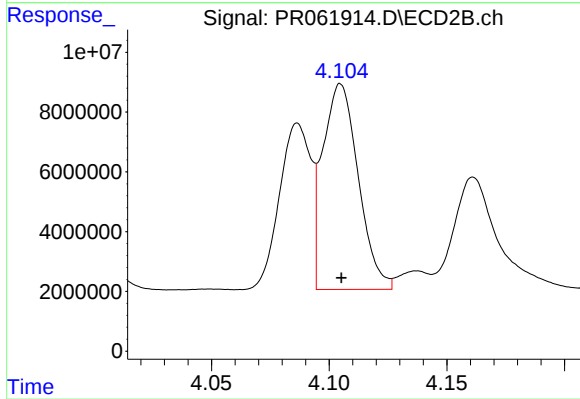
#11 AR-1232-1

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 28234726
Conc: 467.72 ng/ml



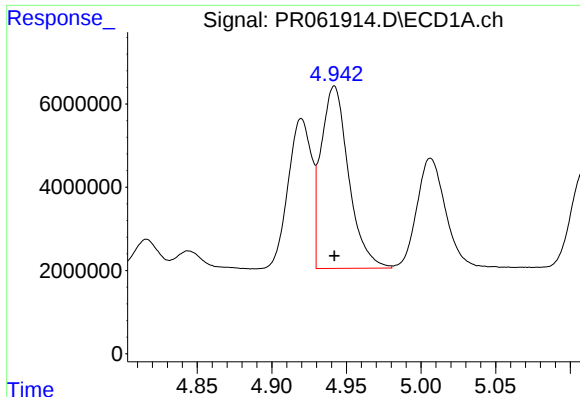
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 30178442
Conc: 1135.59 ng/ml



#12 AR-1232-2

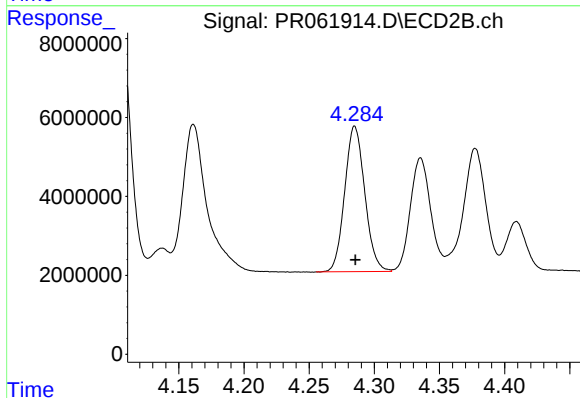
R.T.: 4.105 min
Delta R.T.: 0.000 min
Response: 72407877
Conc: 1166.54 ng/ml



#13 AR-1232-3

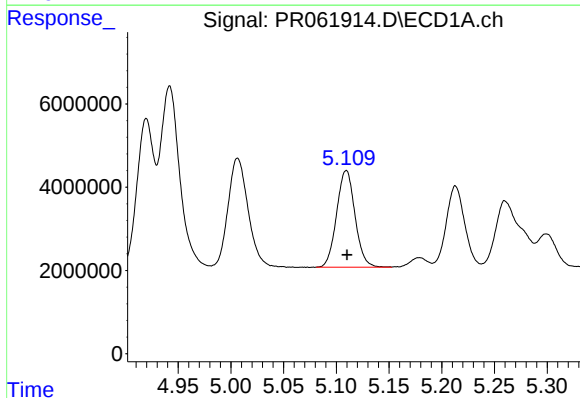
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 56191960
Conc: 1219.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



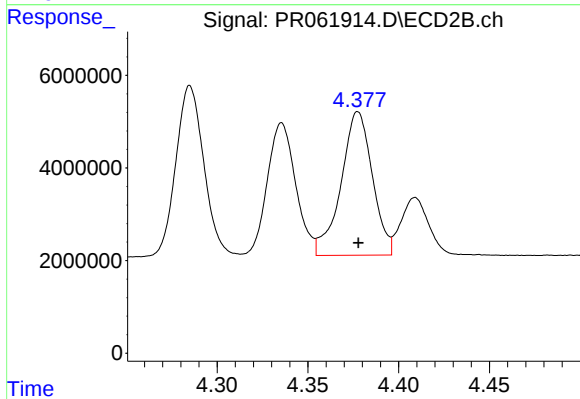
#13 AR-1232-3

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 39538439
Conc: 1133.89 ng/ml



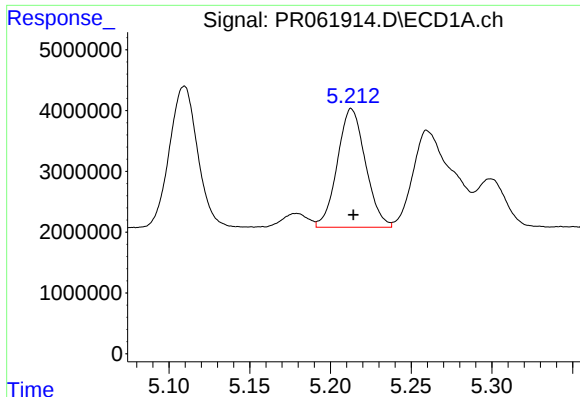
#14 AR-1232-4

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 28246900
Conc: 1235.77 ng/ml



#14 AR-1232-4

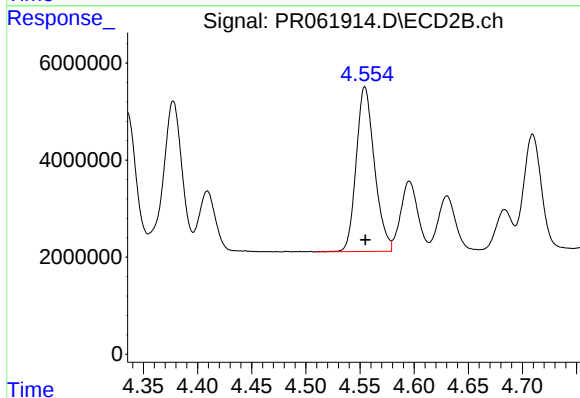
R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 37331890
Conc: 1188.94 ng/ml



#15 AR-1232-5

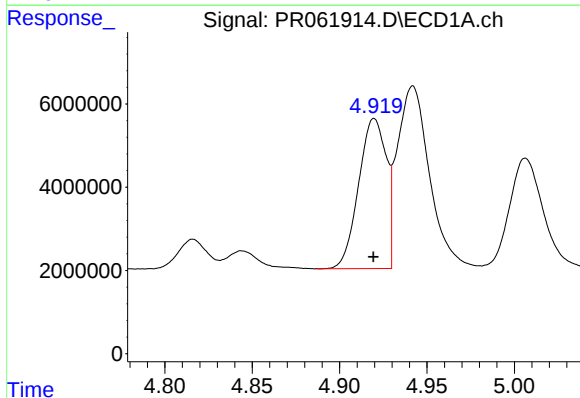
R.T.: 5.213 min
Delta R.T.: -0.001 min
Response: 23649501
Conc: 1285.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



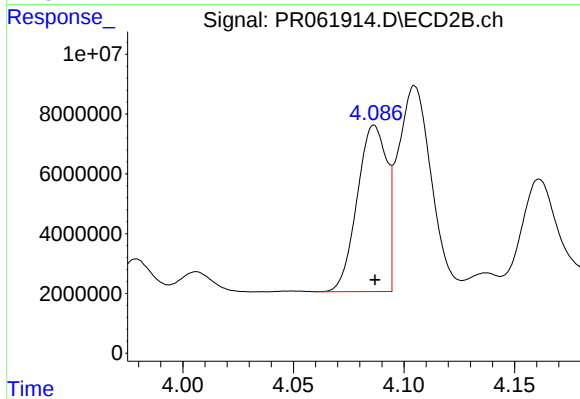
#15 AR-1232-5

R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 39829834
Conc: 1105.70 ng/ml



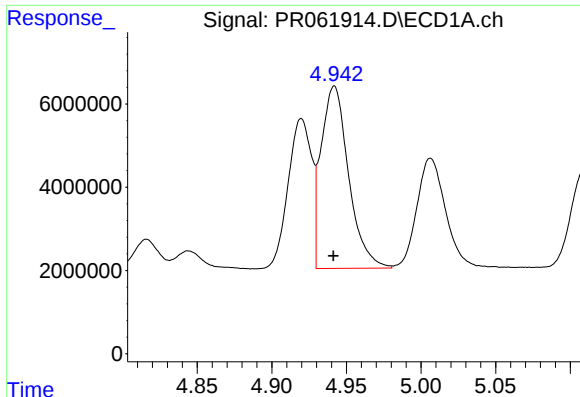
#16 AR-1242-1

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 39548101
Conc: 712.73 ng/ml



#16 AR-1242-1

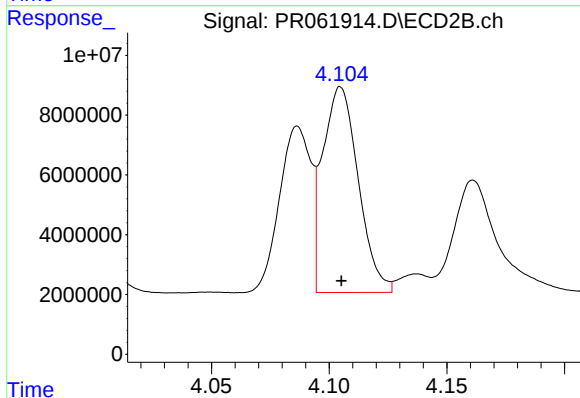
R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 51789847
Conc: 680.24 ng/ml



#17 AR-1242-2

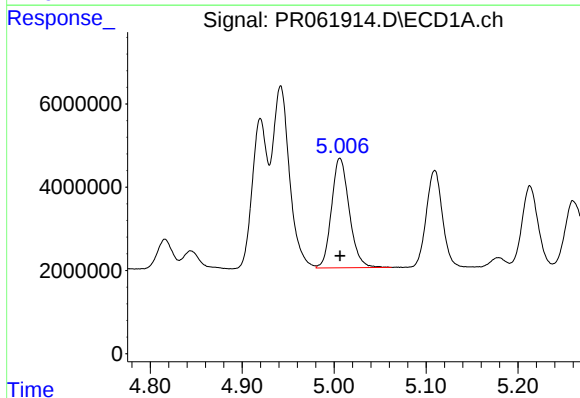
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 56191960
Conc: 714.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



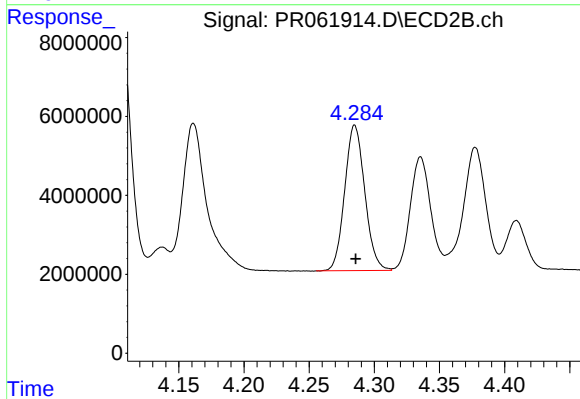
#17 AR-1242-2

R.T.: 4.105 min
Delta R.T.: 0.000 min
Response: 72407877
Conc: 695.41 ng/ml



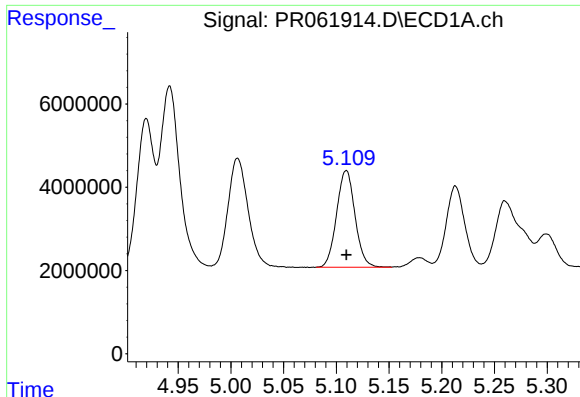
#18 AR-1242-3

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 35300881
Conc: 704.84 ng/ml



#18 AR-1242-3

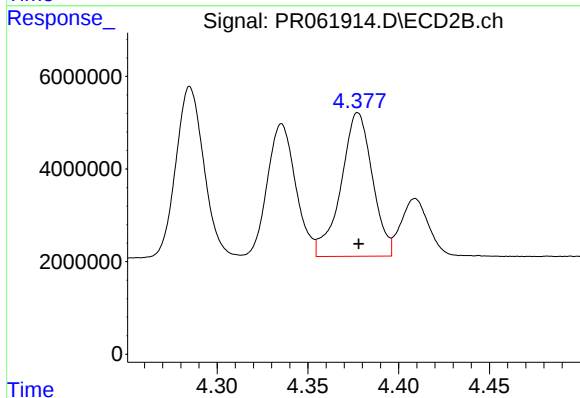
R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 39538439
Conc: 670.80 ng/ml



#19 AR-1242-4

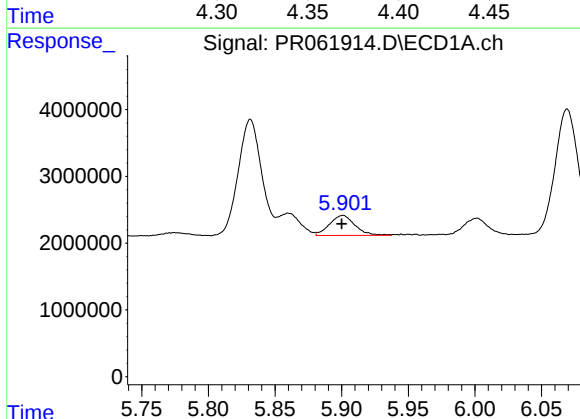
R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 28246900
Conc: 701.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



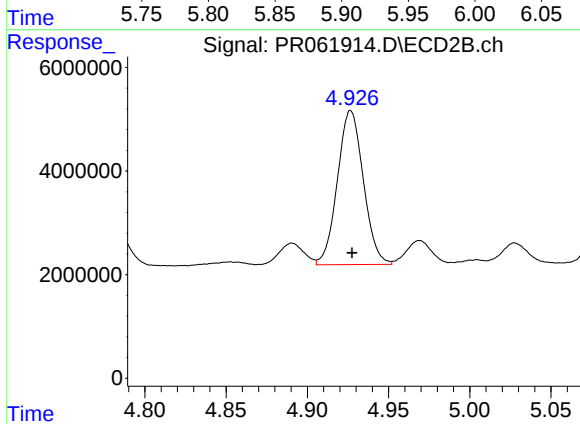
#19 AR-1242-4

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 37331890
Conc: 628.85 ng/ml



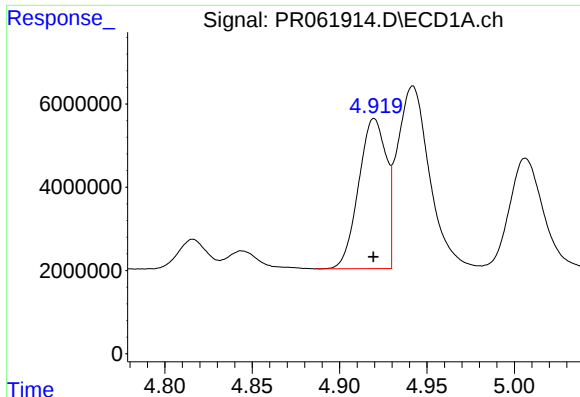
#20 AR-1242-5

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 4007121
Conc: 101.67 ng/ml



#20 AR-1242-5

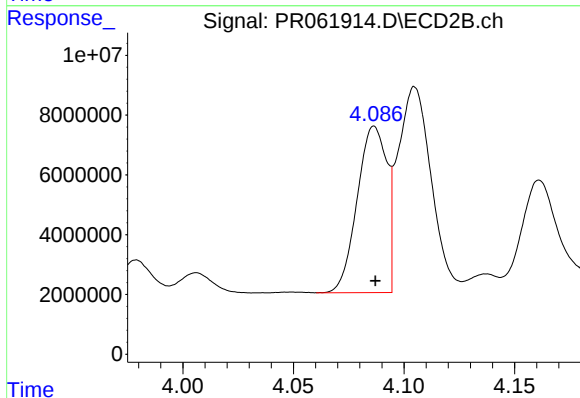
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 33051295
Conc: 420.38 ng/ml



#21 AR-1248-1

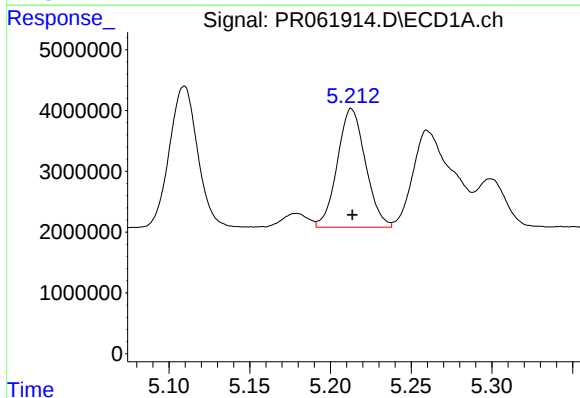
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 39548101
Conc: 925.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



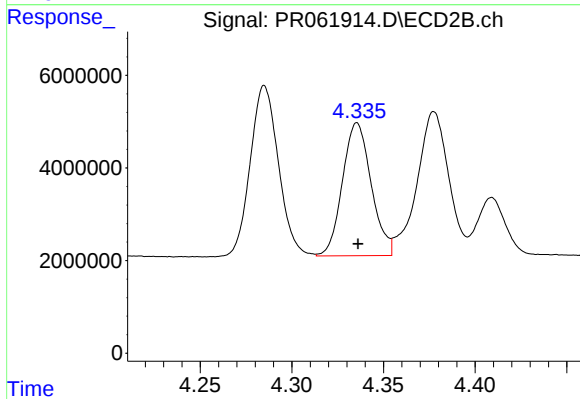
#21 AR-1248-1

R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 51789847
Conc: 846.24 ng/ml



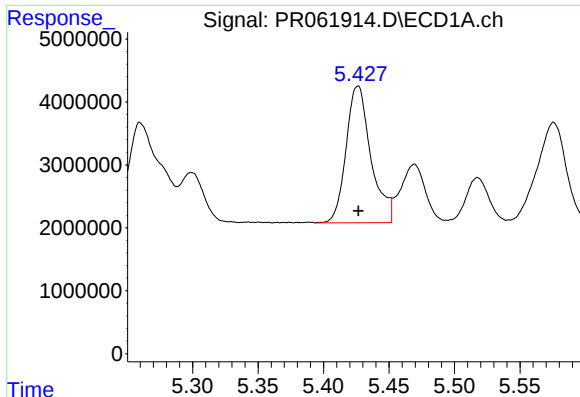
#22 AR-1248-2

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 23649501
Conc: 381.35 ng/ml



#22 AR-1248-2

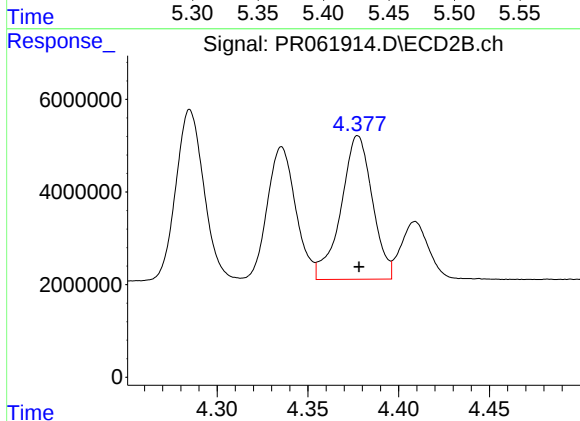
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 31350520
Conc: 363.78 ng/ml



#23 AR-1248-3

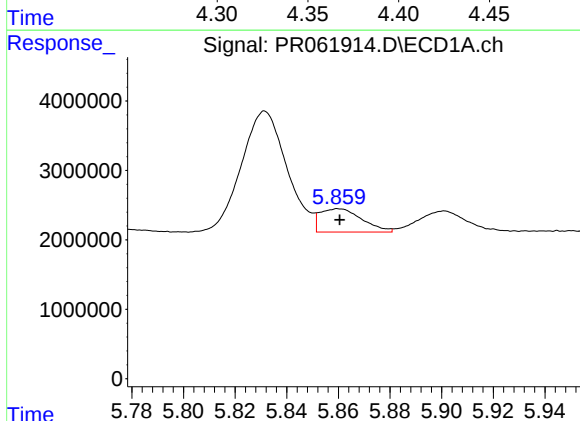
R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 28614969
Conc: 397.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



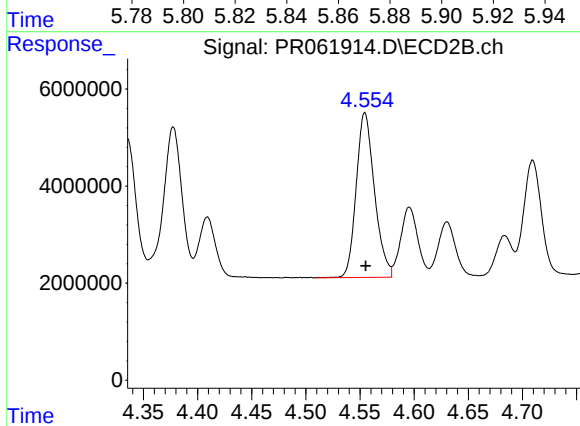
#23 AR-1248-3

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 37331890
Conc: 419.55 ng/ml



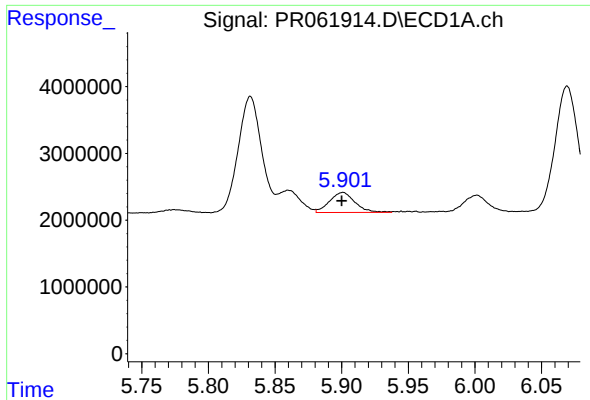
#24 AR-1248-4

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 3788312
Conc: 51.84 ng/ml



#24 AR-1248-4

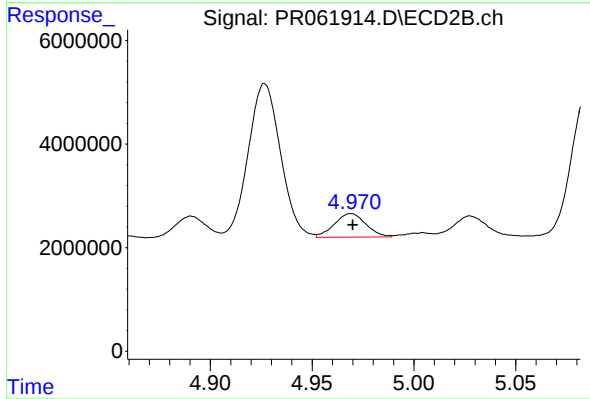
R.T.: 4.555 min
Delta R.T.: 0.000 min
Response: 39829834
Conc: 369.22 ng/ml



#25 AR-1248-5

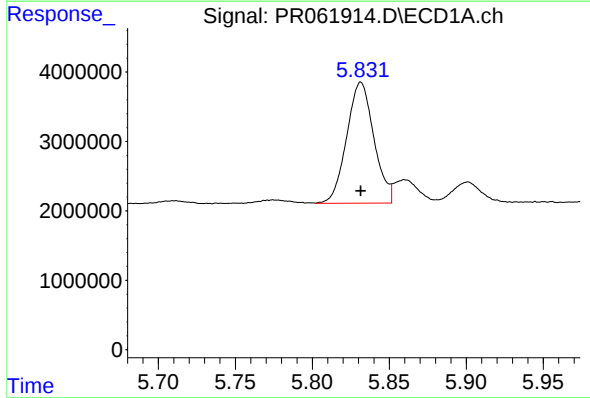
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 4007121
Conc: 56.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



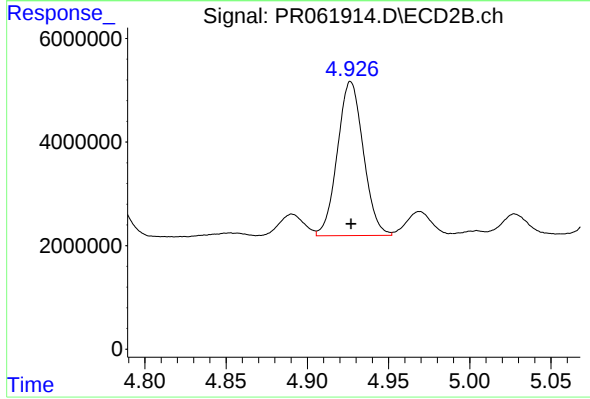
#25 AR-1248-5

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 4927978
Conc: 46.07 ng/ml



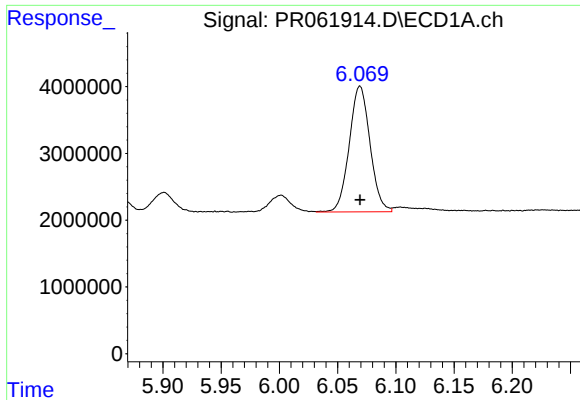
#26 AR-1254-1

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 21444857
Conc: 268.81 ng/ml



#26 AR-1254-1

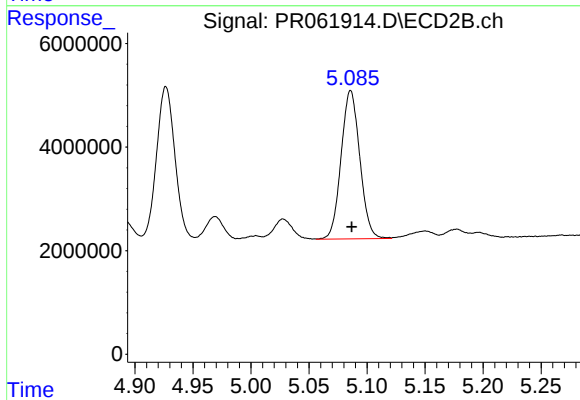
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 33051295
Conc: 207.16 ng/ml



#27 AR-1254-2

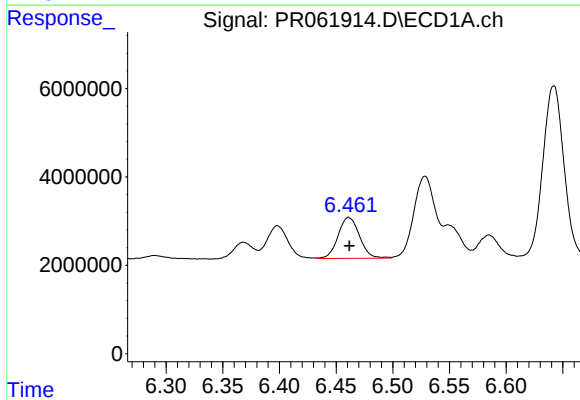
R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 23359034
Conc: 198.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



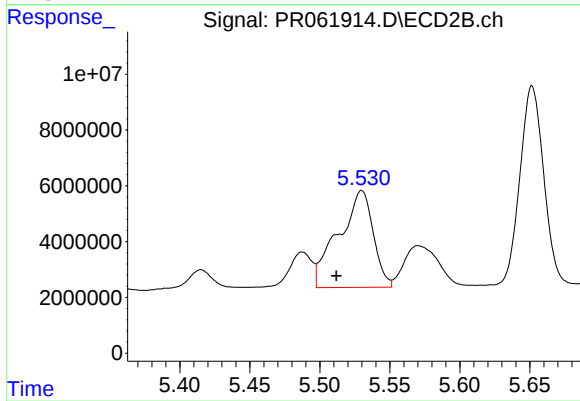
#27 AR-1254-2

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 32153574
Conc: 221.40 ng/ml



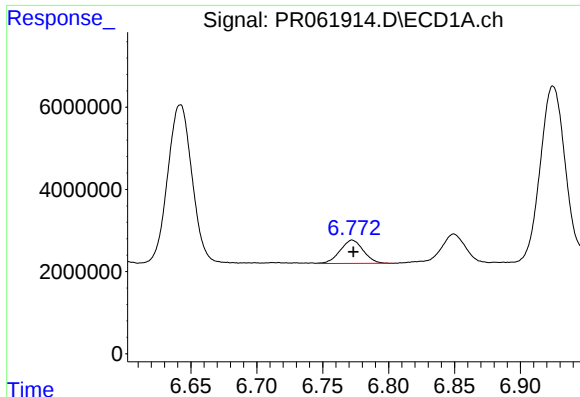
#28 AR-1254-3

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 12181835
Conc: 106.26 ng/ml



#28 AR-1254-3

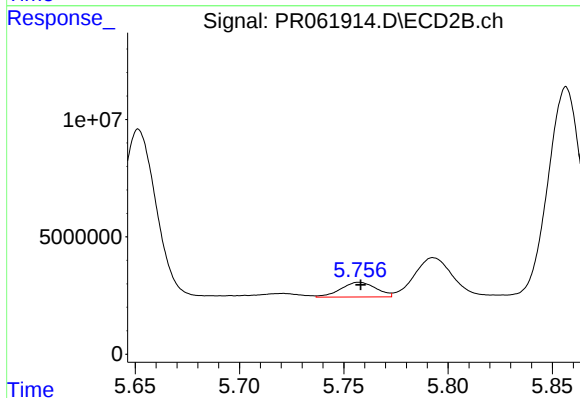
R.T.: 5.530 min
Delta R.T.: 0.018 min
Response: 60008876
Conc: 253.67 ng/ml



#29 AR-1254-4

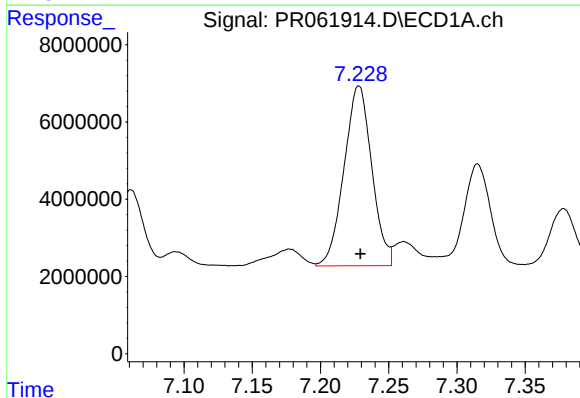
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 6992615
Conc: 87.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



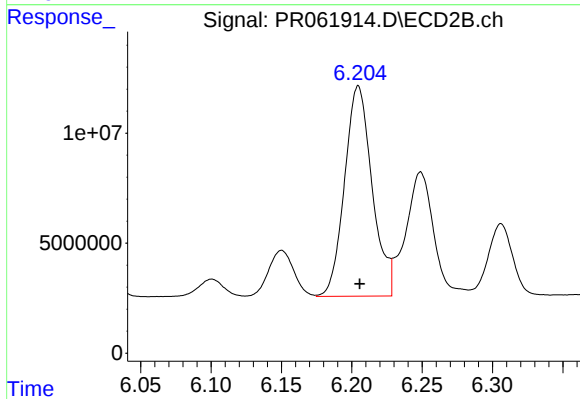
#29 AR-1254-4

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 7405397
Conc: 48.63 ng/ml



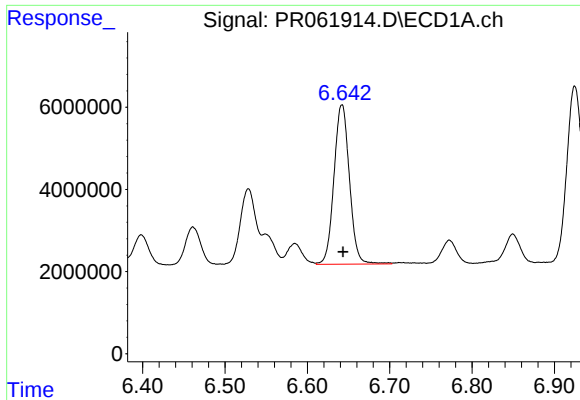
#30 AR-1254-5

R.T.: 7.228 min
Delta R.T.: -0.001 min
Response: 65970081
Conc: 735.46 ng/ml



#30 AR-1254-5

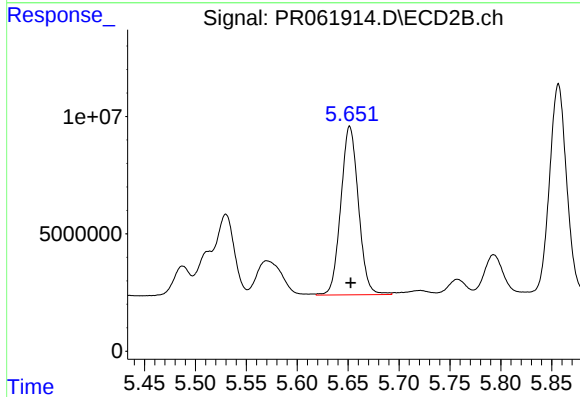
R.T.: 6.205 min
Delta R.T.: -0.001 min
Response: 130315049
Conc: 531.52 ng/ml



#31 AR-1260-1

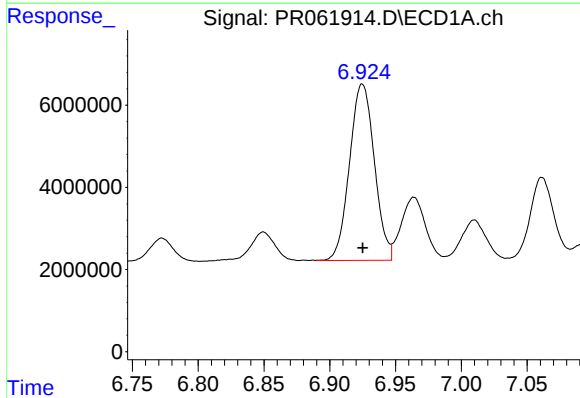
R.T.: 6.642 min
Delta R.T.: -0.001 min
Response: 50604142
Conc: 508.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



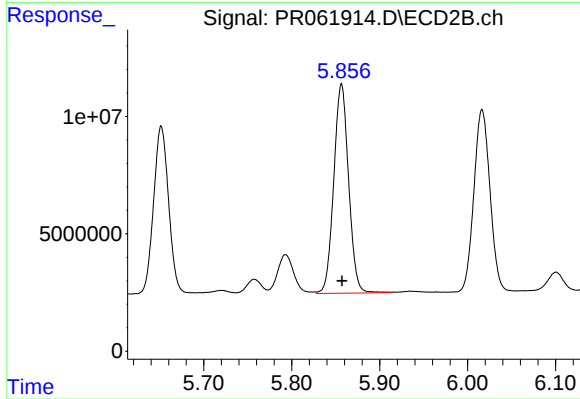
#31 AR-1260-1

R.T.: 5.652 min
Delta R.T.: -0.001 min
Response: 86531661
Conc: 498.45 ng/ml



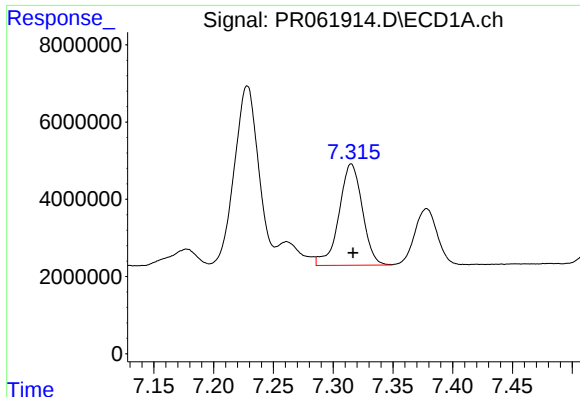
#32 AR-1260-2

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 56412718
Conc: 511.86 ng/ml



#32 AR-1260-2

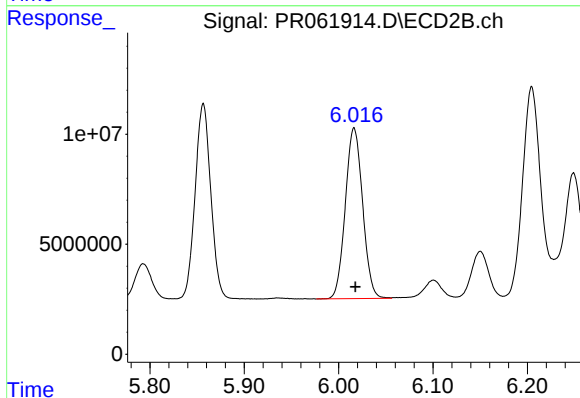
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 104410445
Conc: 474.61 ng/ml



#33 AR-1260-3

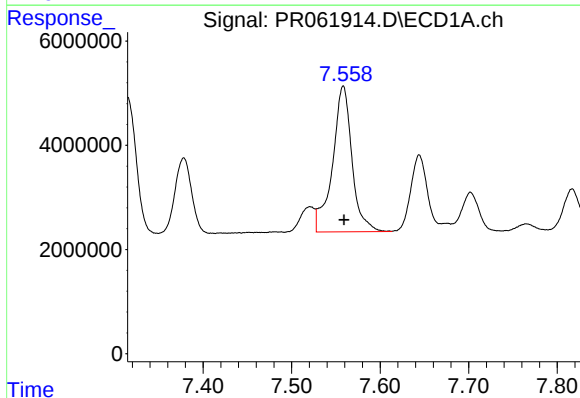
R.T.: 7.315 min
Delta R.T.: -0.001 min
Response: 35655959
Conc: 515.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



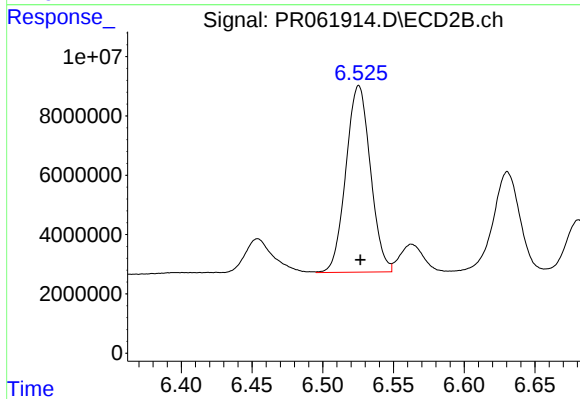
#33 AR-1260-3

R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 98971324
Conc: 473.07 ng/ml



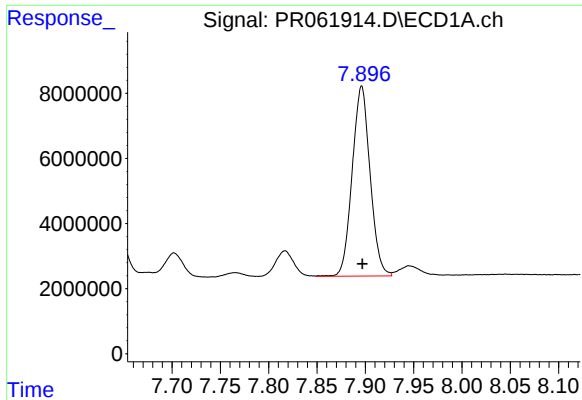
#34 AR-1260-4

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 42794762
Conc: 522.54 ng/ml



#34 AR-1260-4

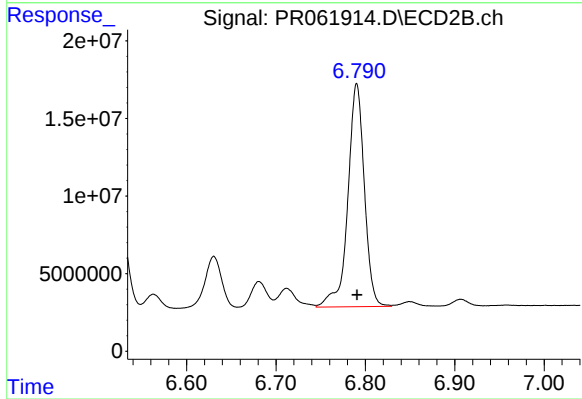
R.T.: 6.526 min
Delta R.T.: -0.001 min
Response: 75943760
Conc: 480.72 ng/ml



#35 AR-1260-5

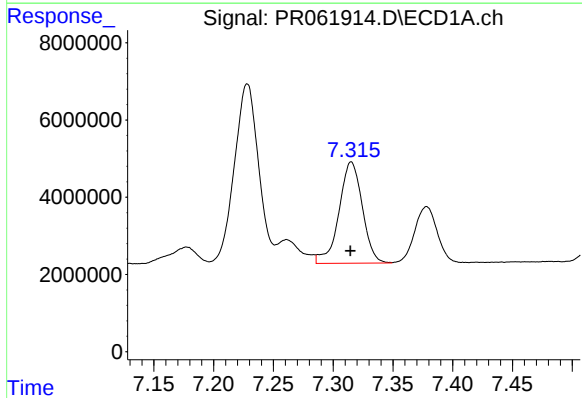
R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 75254062
Conc: 534.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



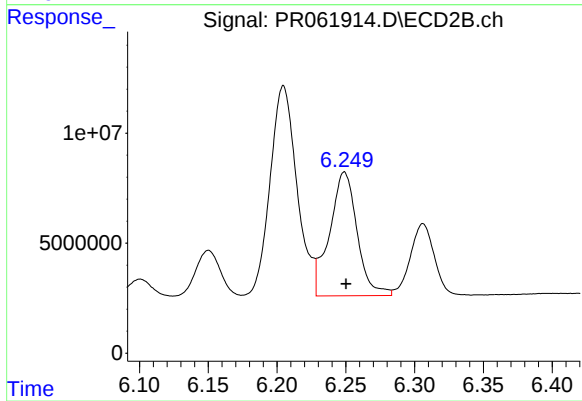
#35 AR-1260-5

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 184492269
Conc: 496.74 ng/ml



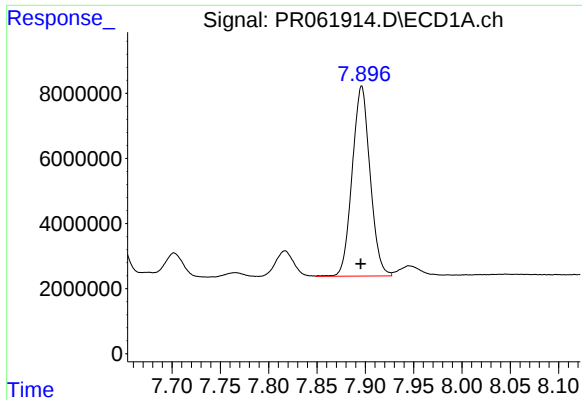
#36 AR-1262-1

R.T.: 7.315 min
Delta R.T.: 0.000 min
Response: 35655959
Conc: 332.19 ng/ml



#36 AR-1262-1

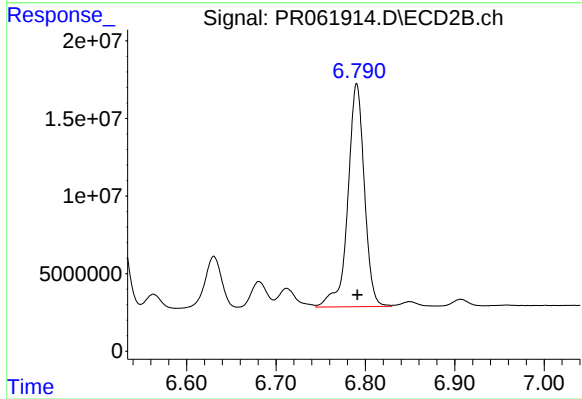
R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 78469100
Conc: 330.88 ng/ml



#37 AR-1262-2

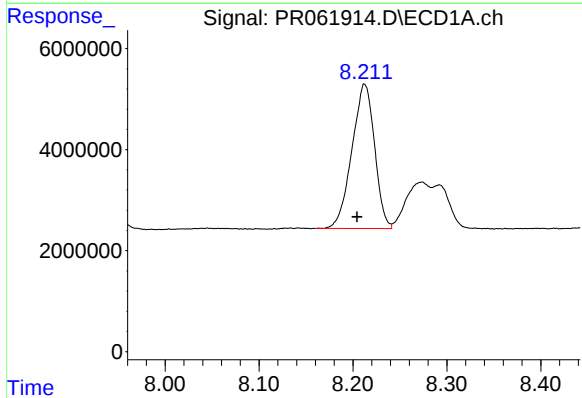
R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 75254062
Conc: 453.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



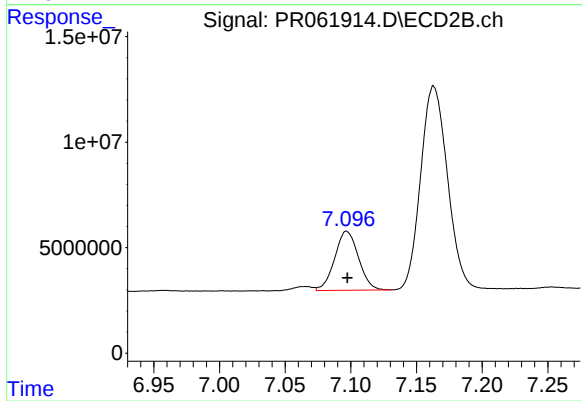
#37 AR-1262-2

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 184492269
Conc: 420.86 ng/ml



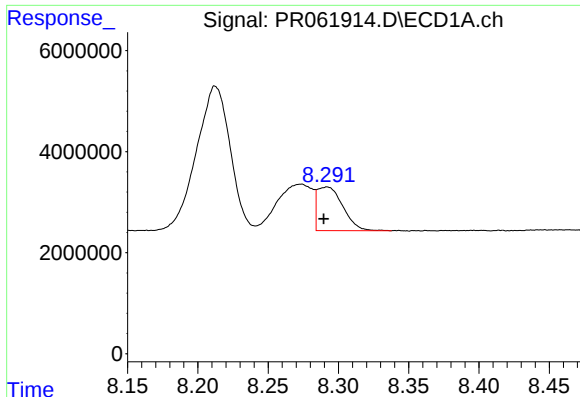
#38 AR-1262-3

R.T.: 8.212 min
Delta R.T.: 0.008 min
Response: 47853797
Conc: 418.80 ng/ml



#38 AR-1262-3

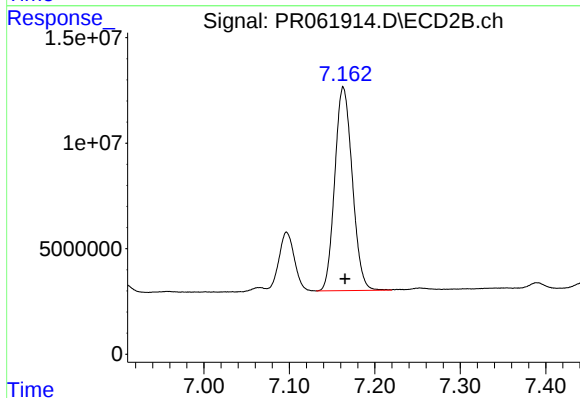
R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 35276578
Conc: 187.16 ng/ml



#39 AR-1262-4

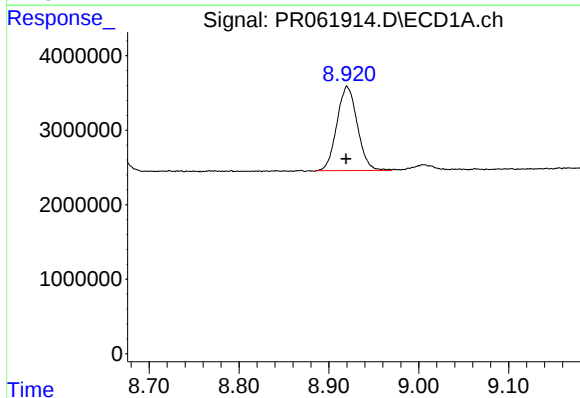
R.T.: 8.292 min
Delta R.T.: 0.002 min
Response: 10959812
Conc: 122.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



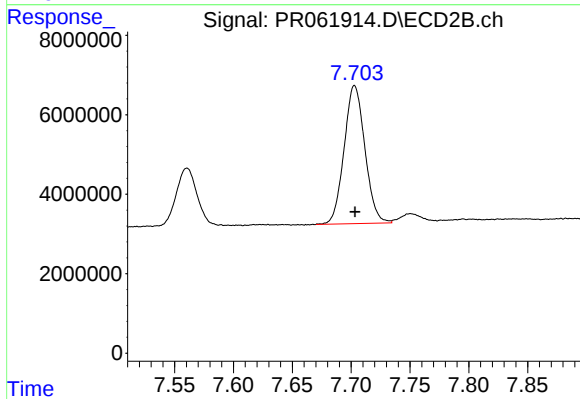
#39 AR-1262-4

R.T.: 7.163 min
Delta R.T.: -0.002 min
Response: 137430452
Conc: 408.58 ng/ml



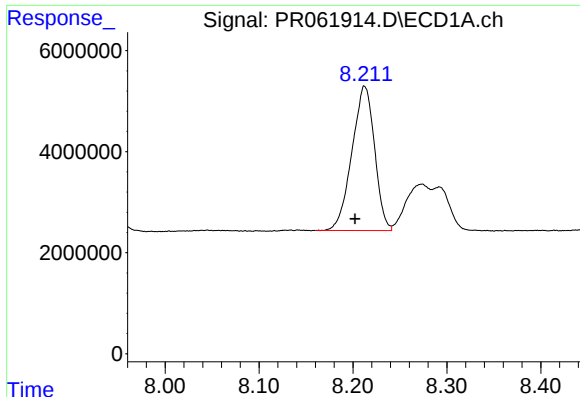
#40 AR-1262-5

R.T.: 8.920 min
Delta R.T.: 0.001 min
Response: 17865460
Conc: 303.07 ng/ml



#40 AR-1262-5

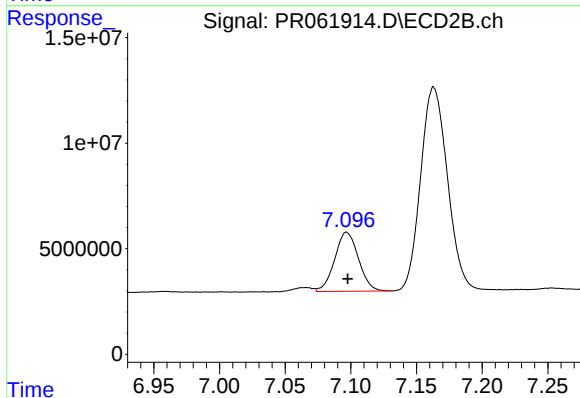
R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 42691832
Conc: 266.42 ng/ml



#41 AR-1268-1

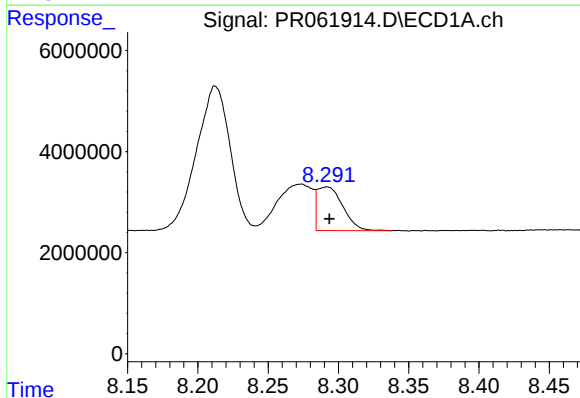
R.T.: 8.212 min
Delta R.T.: 0.010 min
Response: 47853797
Conc: 242.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



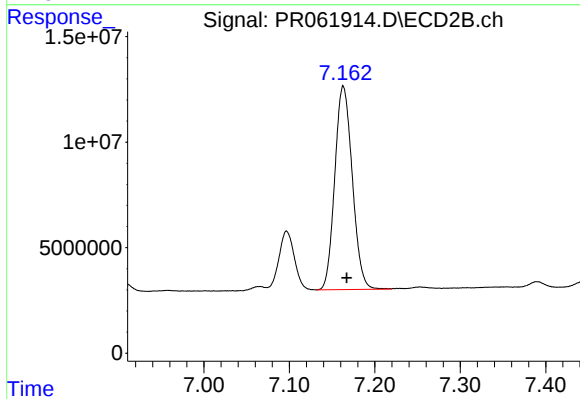
#41 AR-1268-1

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 35276578
Conc: 68.57 ng/ml



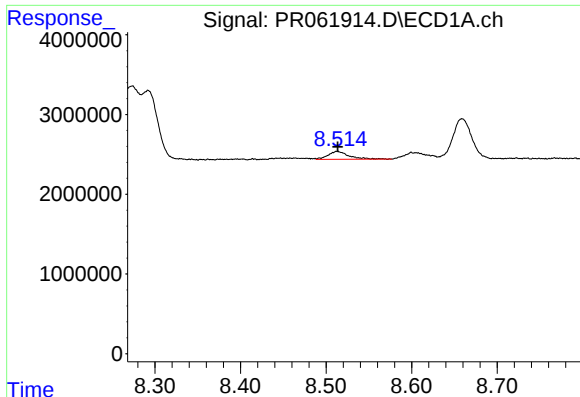
#42 AR-1268-2

R.T.: 8.292 min
Delta R.T.: -0.002 min
Response: 10959812
Conc: 60.15 ng/ml



#42 AR-1268-2

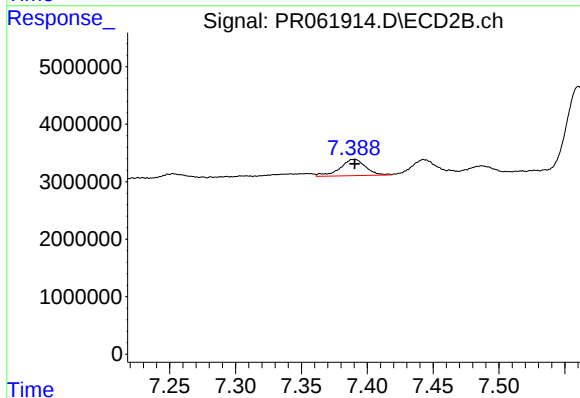
R.T.: 7.163 min
Delta R.T.: -0.004 min
Response: 137430452
Conc: 288.78 ng/ml



#43 AR-1268-3

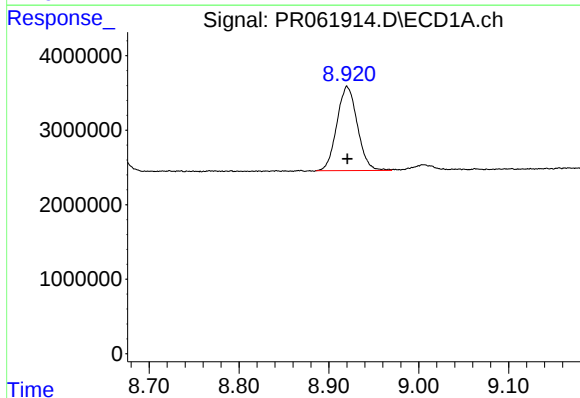
R.T.: 8.513 min
Delta R.T.: 0.000 min
Response: 1652565
Conc: 10.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



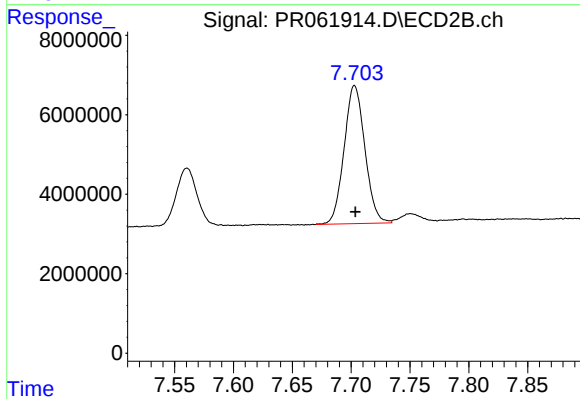
#43 AR-1268-3

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 3823466
Conc: 9.34 ng/ml



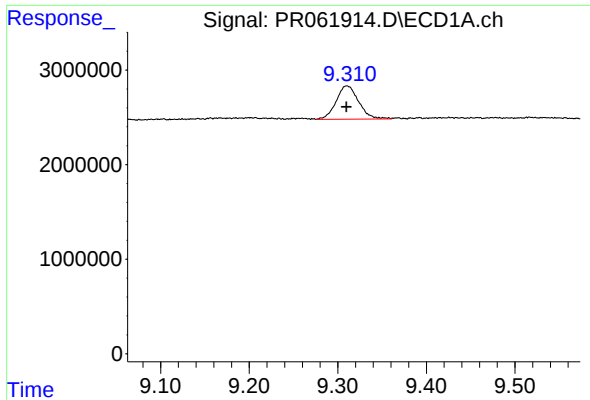
#44 AR-1268-4

R.T.: 8.920 min
Delta R.T.: 0.000 min
Response: 17865460
Conc: 277.62 ng/ml



#44 AR-1268-4

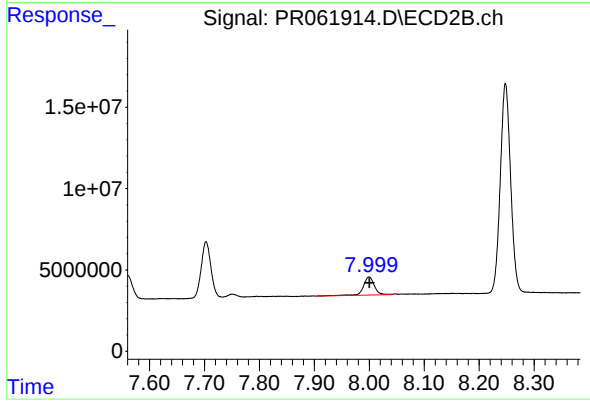
R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 42691832
Conc: 242.90 ng/ml



#45 AR-1268-5

R.T.: 9.310 min
Delta R.T.: 0.000 min
Response: 6201646
Conc: 13.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



#45 AR-1268-5

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 15727102
Conc: 12.21 ng/ml