

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042123\
 Data File : PR060921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 15:56
 Operator : AJ\MA
 Sample : 02387-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:49:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040323CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 04:06:01 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...	3.687	2.900	61473862	92015368	18.024	19.846
2)	SA Decachlor...	9.665	8.135	74346127	131.9E6	25.717	29.934
Target Compounds							
3)	L1 AR-1016-1	4.915	4.025	23220907	1830564	211.817	11.921 #
4)	L1 AR-1016-2	4.959	4.025	2487945	1830564	15.964	8.224 #
5)	L1 AR-1016-3	5.027	4.212	5965013	175.2E6	60.590	1522.758 #
6)	L1 AR-1016-4	5.107	4.251	612665	6070427	7.772	67.504 #
7)	L1 AR-1016-5	5.413	4.490	80379076	222.6E6	1026.150	1894.679 #
8)	L2 AR-1221-1	3.896	3.117	7164354	11215145	172.810	226.031 #
9)	L2 AR-1221-2	4.000	3.200	1473366	1733631	51.562	48.545
10)	L2 AR-1221-3	4.075	3.285	649010	1633688	7.005	13.522 #
11)	L3 AR-1232-1	4.075	3.285	649010	1633688	8.347	16.248 #
12)	L3 AR-1232-2	4.630	4.025	3041675	1830564	83.064	18.834 #
13)	L3 AR-1232-3	4.959	4.212	2487945	175.2E6	34.727	3562.245 #
14)	L3 AR-1232-4	5.107	4.303	612665	94963934	16.798	2207.487 #
15)	L3 AR-1232-5	5.216	4.490	1894045	222.6E6	69.880	4580.407 #
16)	L4 AR-1242-1	4.915	4.025	23220907	1830564	252.487	14.681 #
17)	L4 AR-1242-2	4.959	4.025	2487945	1830564	19.322	10.193 #
18)	L4 AR-1242-3	5.027	4.212	5965013	175.2E6	72.313	1890.998 #
19)	L4 AR-1242-4	5.107	4.303	612665	94963934	9.174	1081.104 #
20)	L4 AR-1242-5	5.912	4.834	62554982	55034916	905.332	474.027 #
21)	L5 AR-1248-1	4.915	4.025	23220907	1830564	330.220	19.025 #
22)	L5 AR-1248-2	5.216	4.251	1894045	6070427	19.868	45.098 #
23)	L5 AR-1248-3	5.413	4.303	80379076	94963934	722.265	697.177
24)	L5 AR-1248-4	5.866	4.490	2025217	222.6E6	16.165	1337.286 #
25)	L5 AR-1248-5	5.912	4.877	62554982	4515362	516.078	26.470 #
26)	L6 AR-1254-1	5.836	4.834	27928969	55034916	236.291	217.849
27)	L6 AR-1254-2	6.072	5.025	603.0E6	1141.0E6	3180.394	5200.940 #
28)	L6 AR-1254-3	6.473	5.416	27851903	59303408	137.503	162.490
29)	L6 AR-1254-4	6.782	5.662	62014554	22829645	407.185	99.468 #
30)	L6 AR-1254-5	7.226	6.094	309.9E6	583.5E6	1895.055	1759.116
31)	L7 AR-1260-1	6.654	5.536	19454479	1081.2E6	125.963	4244.535 #
32)	L7 AR-1260-2	6.935	5.761	36945523	1239.5E6	200.453	3949.737 #
33)	L7 AR-1260-3	7.333	5.920	7794615	51896261	57.104	180.235 #
34)	L7 AR-1260-4	7.576	6.423	1288743	33110919	8.153	135.139 #
35)	L7 AR-1260-5	7.917	6.662	34740436	1129.0E6	113.602	1909.261 #
36)	L8 AR-1262-1	7.333	6.151	7794615	17283202	38.984	49.488 #
37)	L8 AR-1262-2	7.917	6.423	34740436	33110919	97.680	104.417
38)	L8 AR-1262-3	8.232	6.994	28871253	18959284	117.325	75.626 #
39)	L8 AR-1262-4	8.321	7.061	1795612	45565745	9.586	93.566 #
40)	L8 AR-1262-5	8.953	7.602	9128207	11933476	67.088	53.685
41)	L9 AR-1268-1	8.232	6.994	28871253	18959284	85.983	31.586 #

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 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
42) L9	AR-1268-2	8.321	7.061	1795612	45565745	5.878	83.380 #
43) L9	AR-1268-3	8.514	7.285	5518883	43624634	20.958	94.166 #
44) L9	AR-1268-4	8.953	7.602	9128207	11933476	75.737	61.039
45) L9	AR-1268-5	9.352	7.896	33898201	5825607	38.601	3.838 #

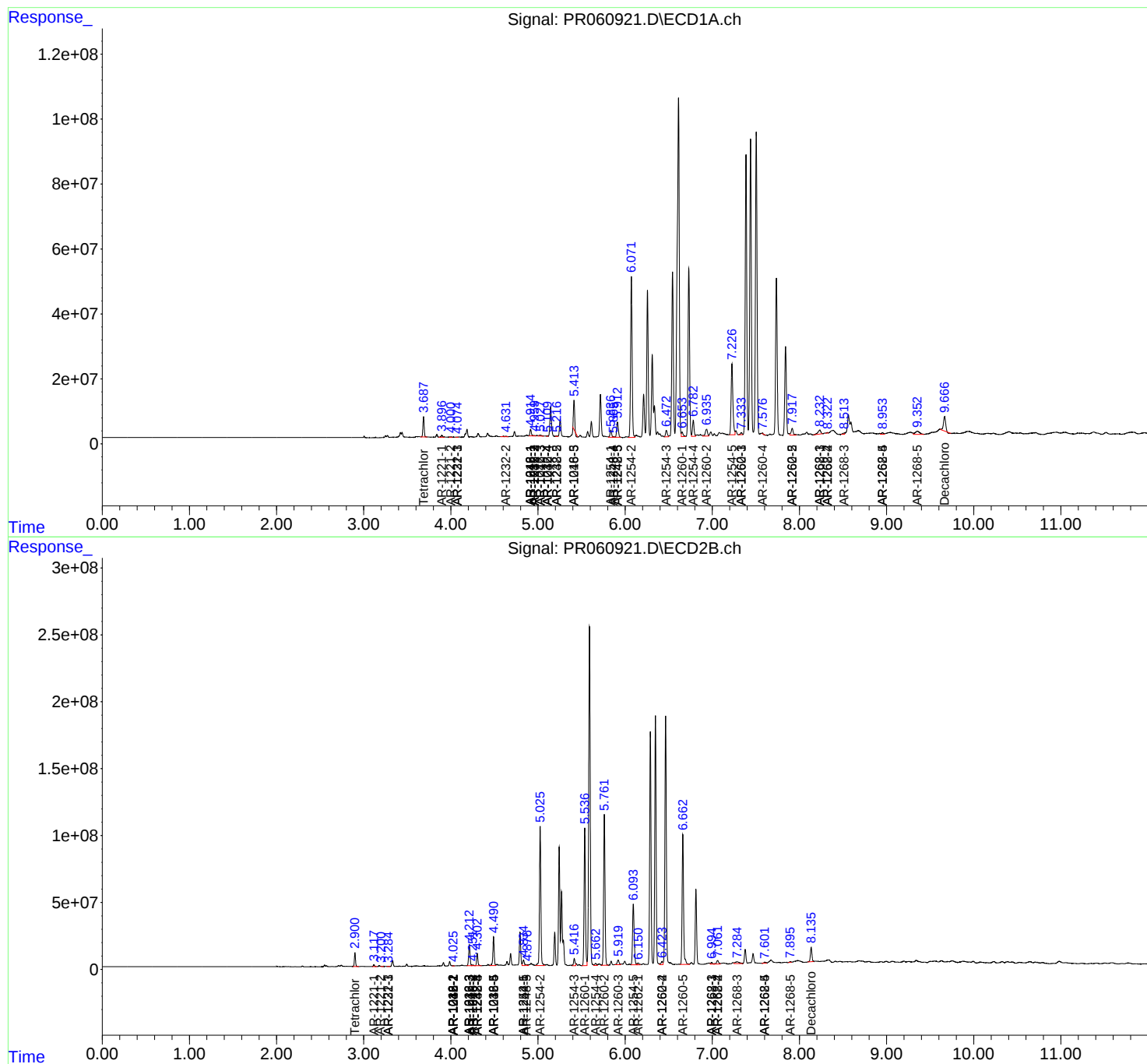
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

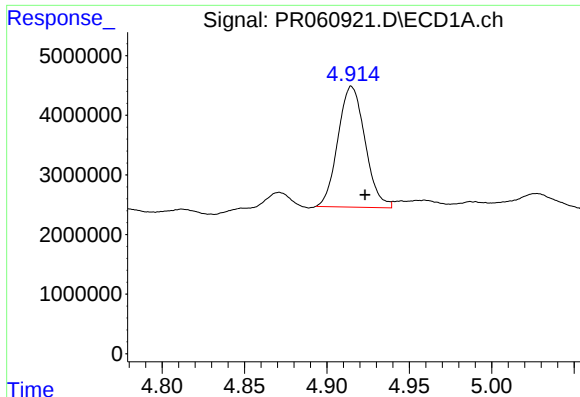
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

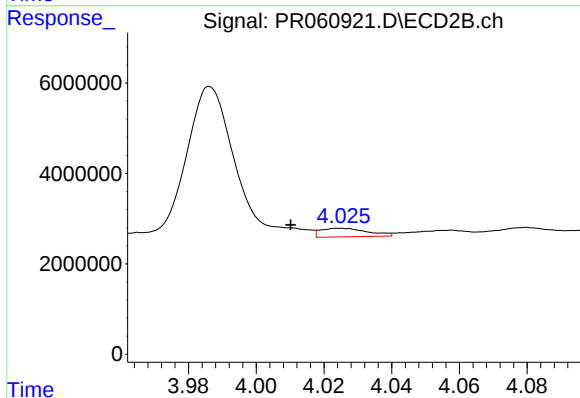




#3 AR-1016-1

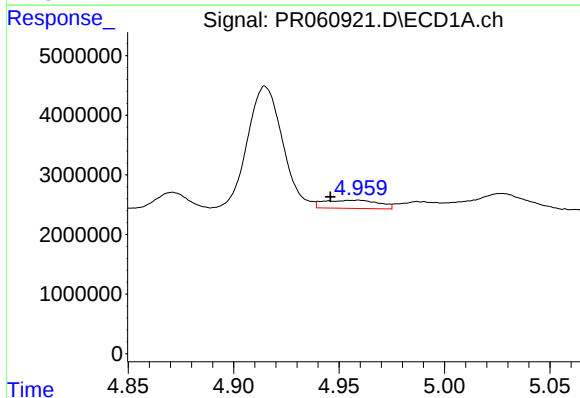
R.T.: 4.915 min
Delta R.T.: -0.008 min
Response: 23220907
Conc: 211.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



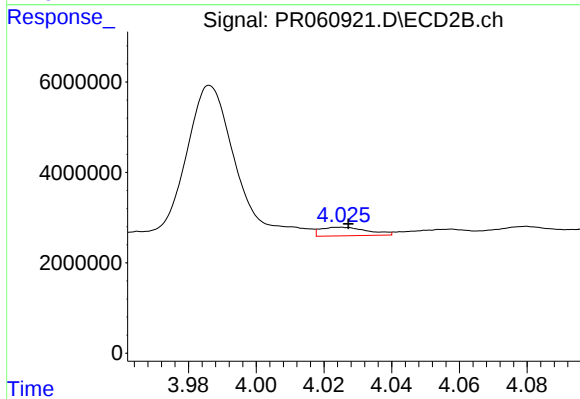
#3 AR-1016-1

R.T.: 4.025 min
Delta R.T.: 0.015 min
Response: 1830564
Conc: 11.92 ng/ml



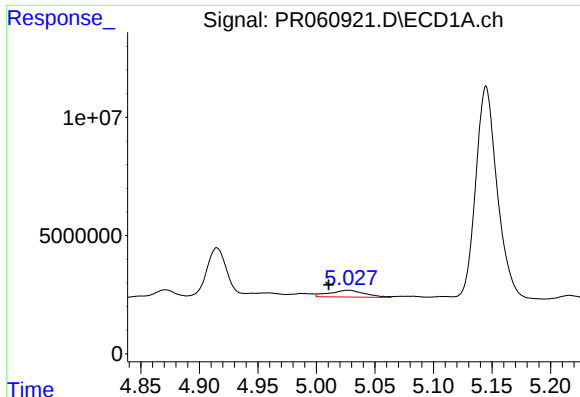
#4 AR-1016-2

R.T.: 4.959 min
Delta R.T.: 0.013 min
Response: 2487945
Conc: 15.96 ng/ml



#4 AR-1016-2

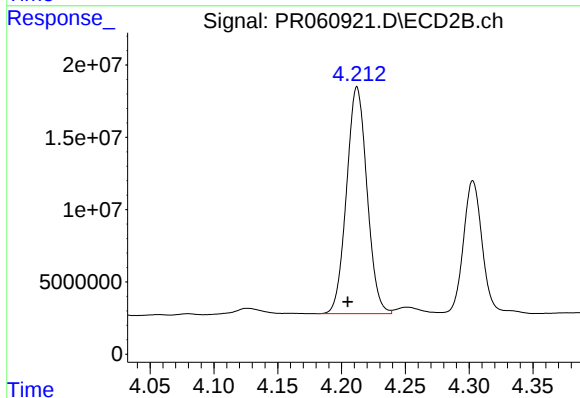
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 1830564
Conc: 8.22 ng/ml



#5 AR-1016-3

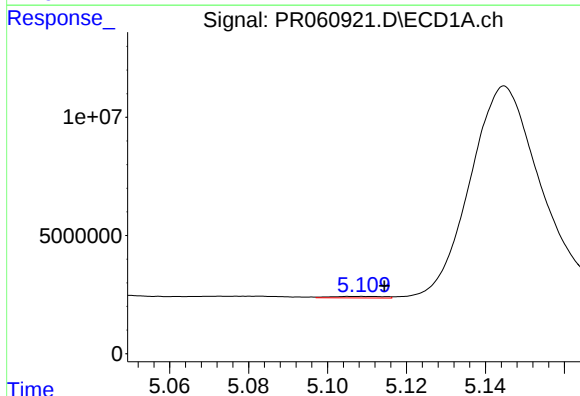
R.T.: 5.027 min
Delta R.T.: 0.017 min
Response: 5965013
Conc: 60.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



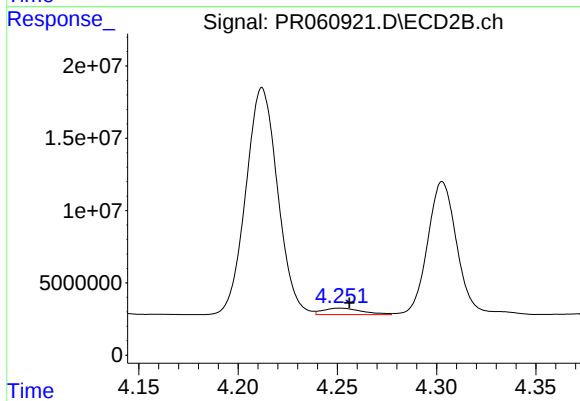
#5 AR-1016-3

R.T.: 4.212 min
Delta R.T.: 0.007 min
Response: 175213986
Conc: 1522.76 ng/ml



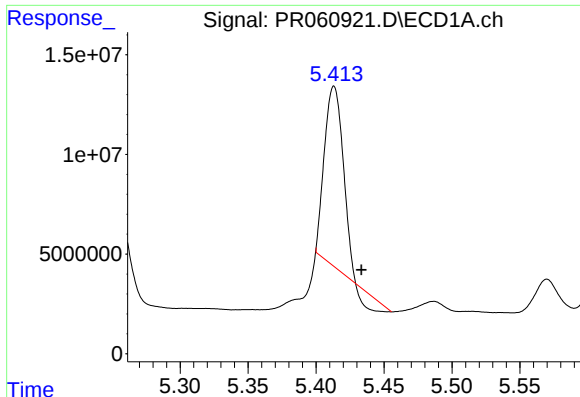
#6 AR-1016-4

R.T.: 5.107 min
Delta R.T.: -0.007 min
Response: 612665
Conc: 7.77 ng/ml



#6 AR-1016-4

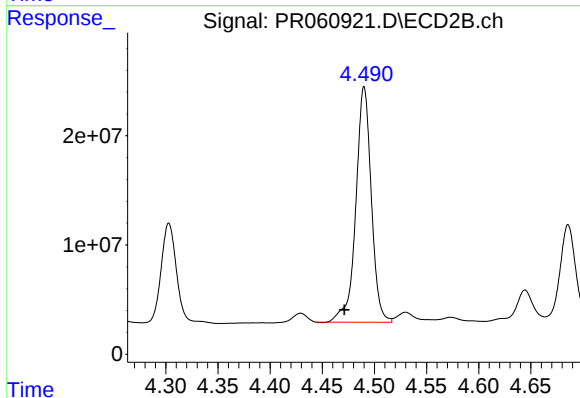
R.T.: 4.251 min
Delta R.T.: -0.005 min
Response: 6070427
Conc: 67.50 ng/ml



#7 AR-1016-5

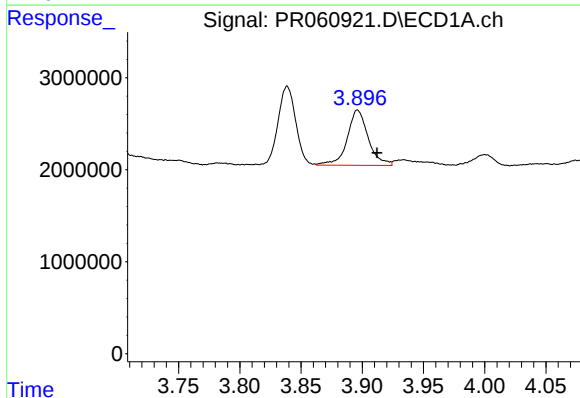
R.T.: 5.413 min
Delta R.T.: -0.020 min
Response: 80379076
Conc: 1026.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



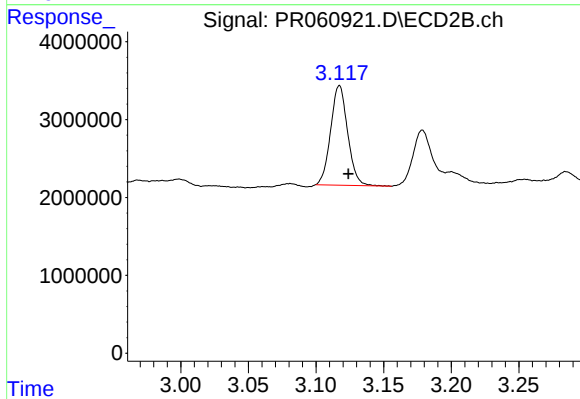
#7 AR-1016-5

R.T.: 4.490 min
Delta R.T.: 0.019 min
Response: 222582315
Conc: 1894.68 ng/ml



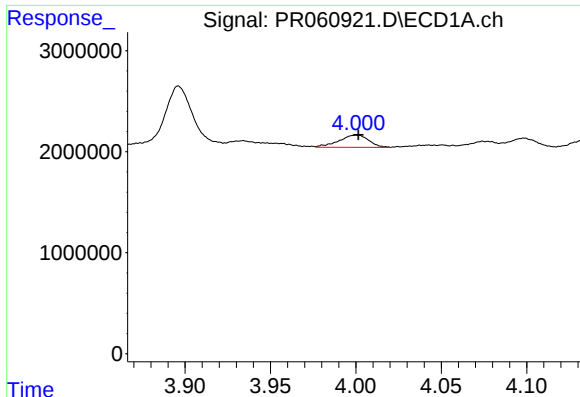
#8 AR-1221-1

R.T.: 3.896 min
Delta R.T.: -0.016 min
Response: 7164354
Conc: 172.81 ng/ml



#8 AR-1221-1

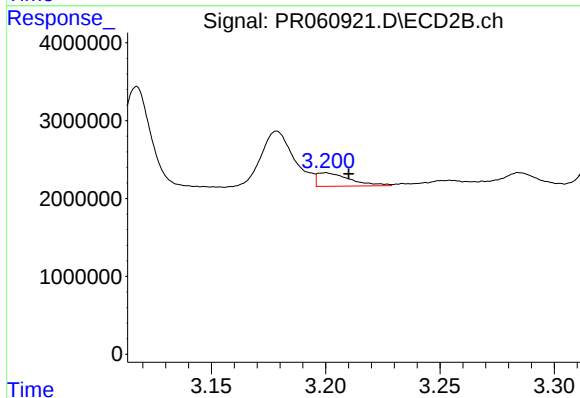
R.T.: 3.117 min
Delta R.T.: -0.007 min
Response: 11215145
Conc: 226.03 ng/ml



#9 AR-1221-2

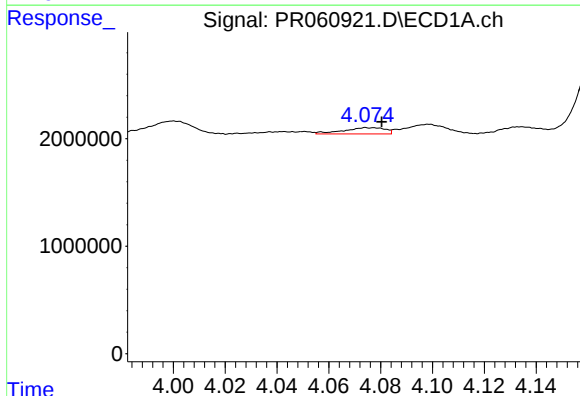
R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 1473366
Conc: 51.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



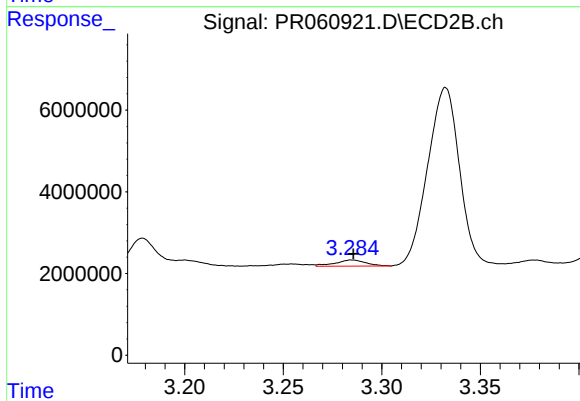
#9 AR-1221-2

R.T.: 3.200 min
Delta R.T.: -0.010 min
Response: 1733631
Conc: 48.55 ng/ml



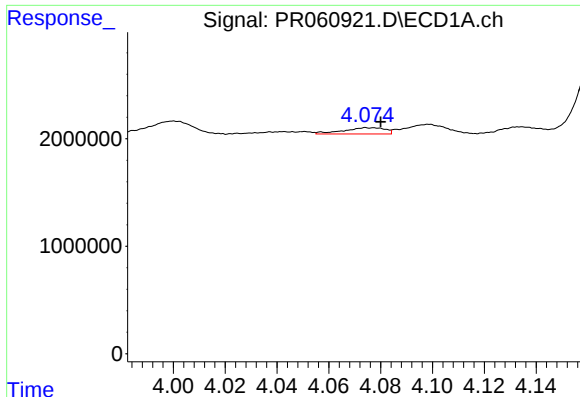
#10 AR-1221-3

R.T.: 4.075 min
Delta R.T.: -0.005 min
Response: 649010
Conc: 7.01 ng/ml



#10 AR-1221-3

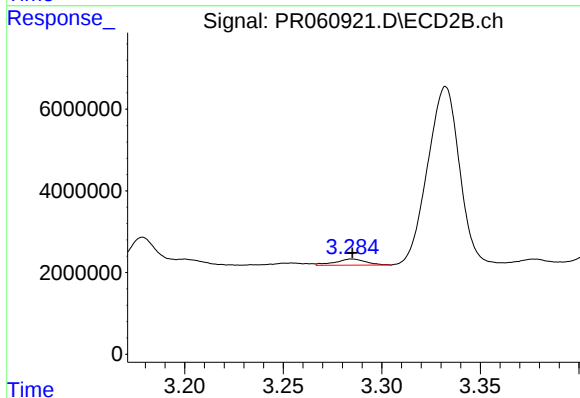
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 1633688
Conc: 13.52 ng/ml



#11 AR-1232-1

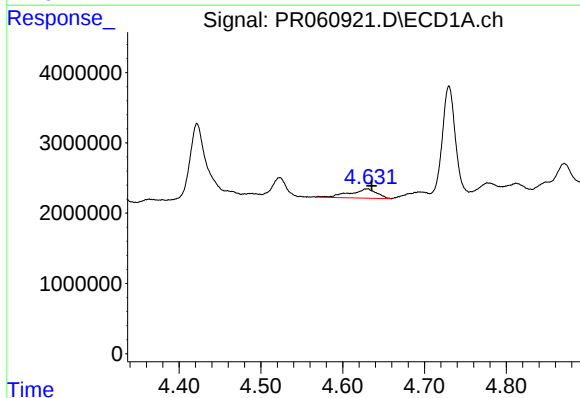
R.T.: 4.075 min
Delta R.T.: -0.005 min
Response: 649010
Conc: 8.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



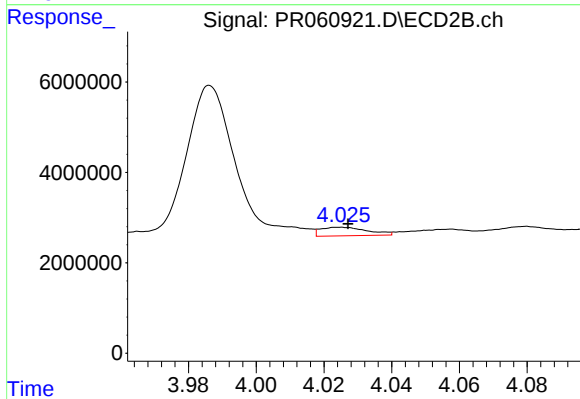
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 1633688
Conc: 16.25 ng/ml



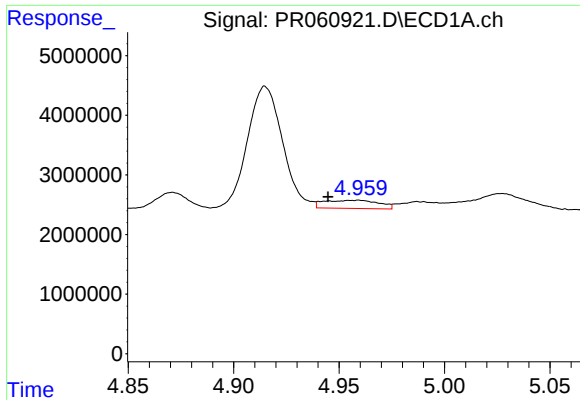
#12 AR-1232-2

R.T.: 4.630 min
Delta R.T.: -0.005 min
Response: 3041675
Conc: 83.06 ng/ml



#12 AR-1232-2

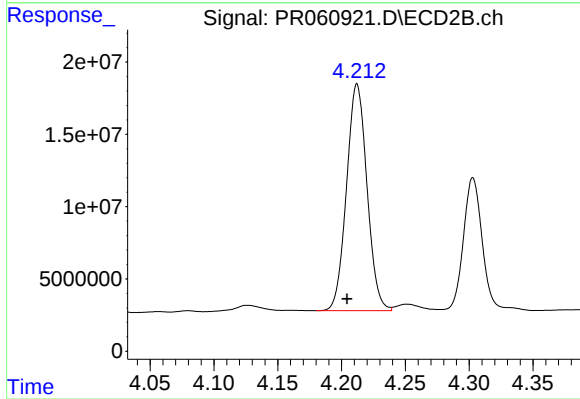
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 1830564
Conc: 18.83 ng/ml



#13 AR-1232-3

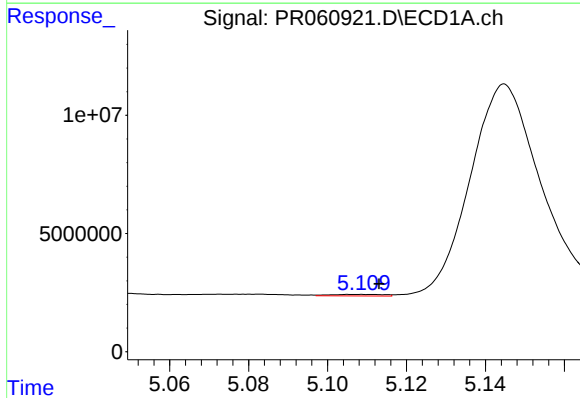
R.T.: 4.959 min
Delta R.T.: 0.015 min
Response: 2487945
Conc: 34.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



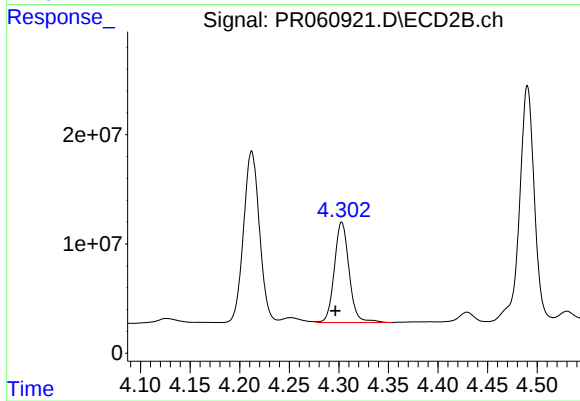
#13 AR-1232-3

R.T.: 4.212 min
Delta R.T.: 0.008 min
Response: 175213986
Conc: 3562.24 ng/ml



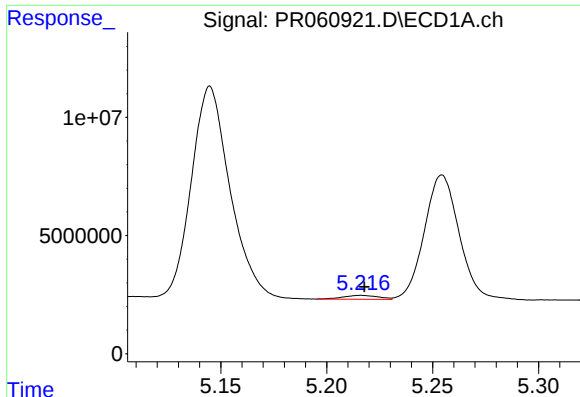
#14 AR-1232-4

R.T.: 5.107 min
Delta R.T.: -0.006 min
Response: 612665
Conc: 16.80 ng/ml



#14 AR-1232-4

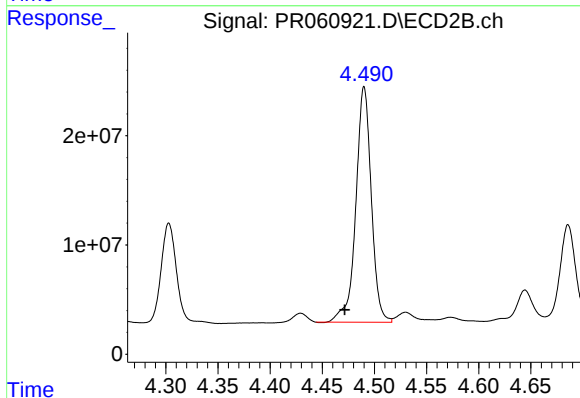
R.T.: 4.303 min
Delta R.T.: 0.006 min
Response: 94963934
Conc: 2207.49 ng/ml



#15 AR-1232-5

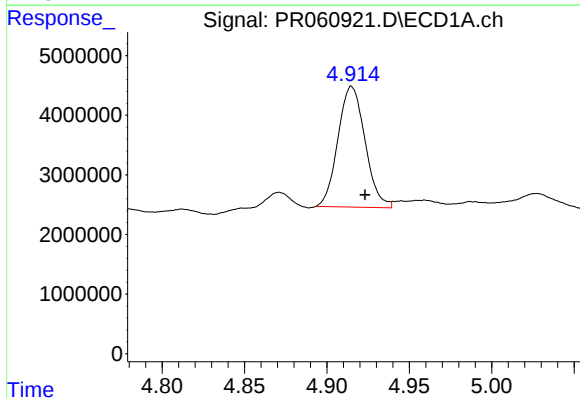
R.T.: 5.216 min
Delta R.T.: -0.001 min
Response: 1894045
Conc: 69.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



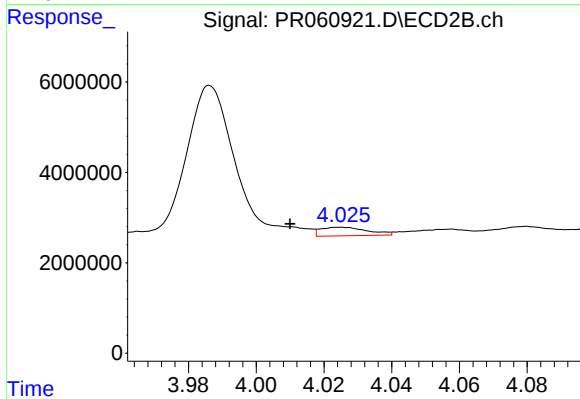
#15 AR-1232-5

R.T.: 4.490 min
Delta R.T.: 0.019 min
Response: 222582315
Conc: 4580.41 ng/ml



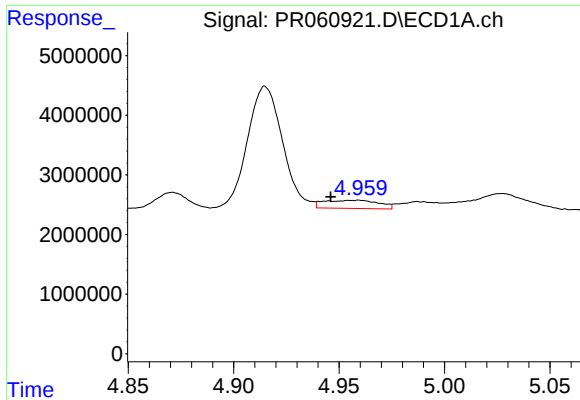
#16 AR-1242-1

R.T.: 4.915 min
Delta R.T.: -0.008 min
Response: 23220907
Conc: 252.49 ng/ml



#16 AR-1242-1

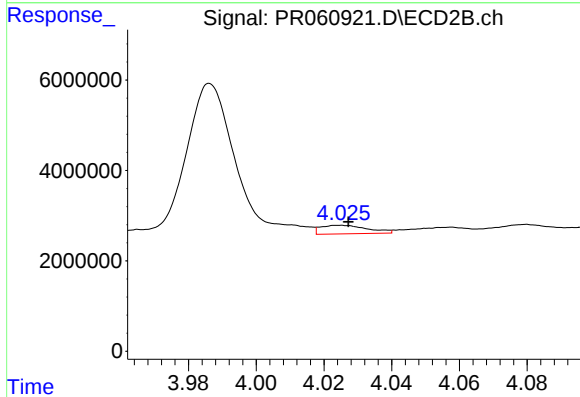
R.T.: 4.025 min
Delta R.T.: 0.015 min
Response: 1830564
Conc: 14.68 ng/ml



#17 AR-1242-2

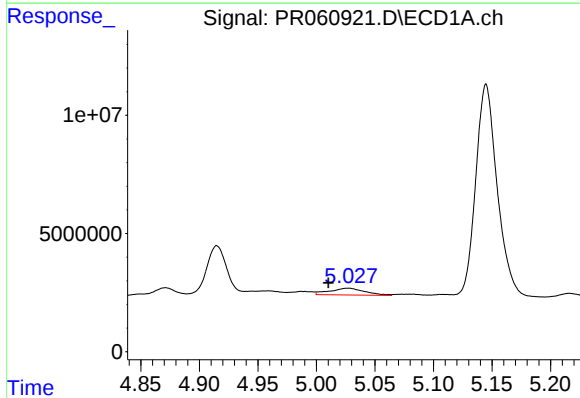
R.T.: 4.959 min
Delta R.T.: 0.013 min
Response: 2487945
Conc: 19.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



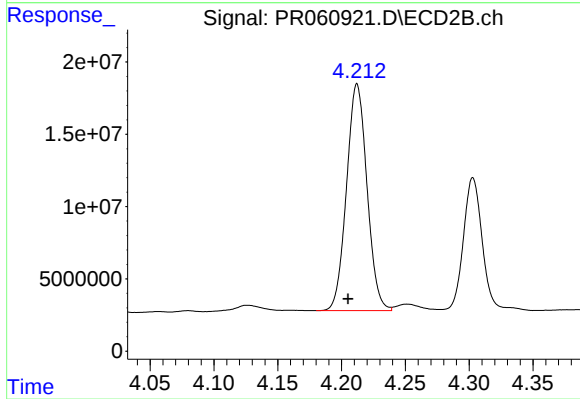
#17 AR-1242-2

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 1830564
Conc: 10.19 ng/ml



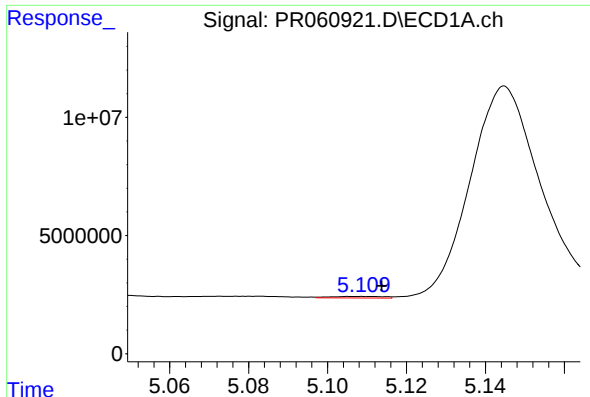
#18 AR-1242-3

R.T.: 5.027 min
Delta R.T.: 0.017 min
Response: 5965013
Conc: 72.31 ng/ml



#18 AR-1242-3

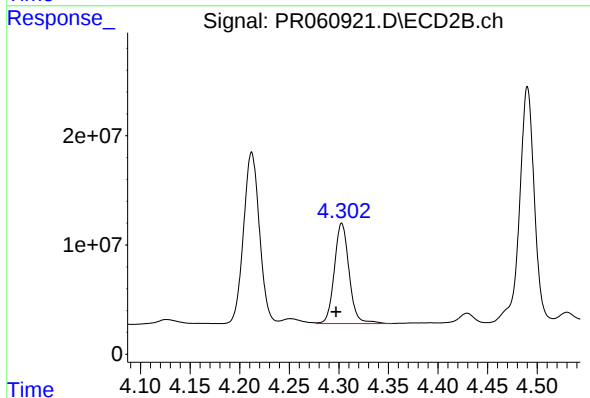
R.T.: 4.212 min
Delta R.T.: 0.007 min
Response: 175213986
Conc: 1891.00 ng/ml



#19 AR-1242-4

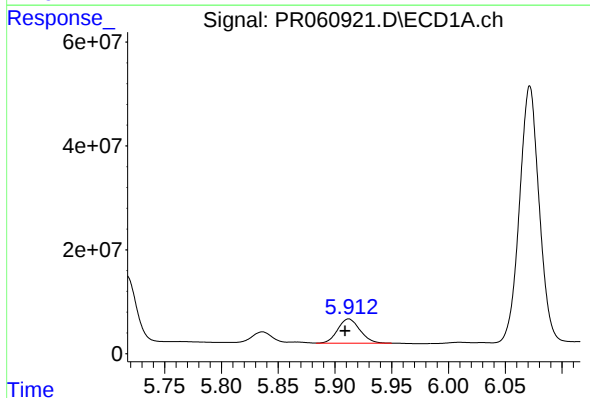
R.T.: 5.107 min
Delta R.T.: -0.007 min
Response: 612665
Conc: 9.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



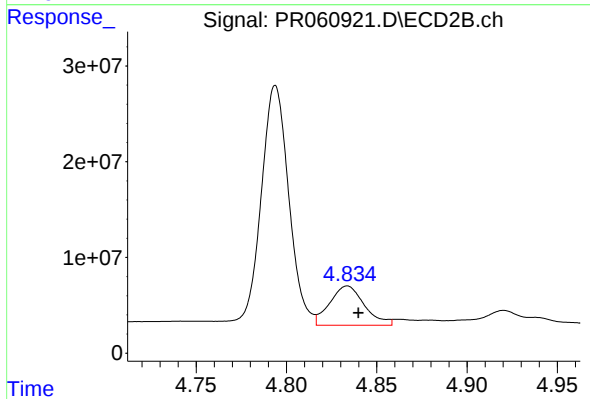
#19 AR-1242-4

R.T.: 4.303 min
Delta R.T.: 0.006 min
Response: 94963934
Conc: 1081.10 ng/ml



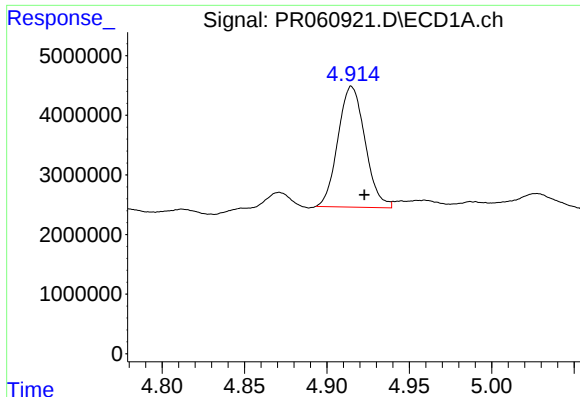
#20 AR-1242-5

R.T.: 5.912 min
Delta R.T.: 0.003 min
Response: 62554982
Conc: 905.33 ng/ml



#20 AR-1242-5

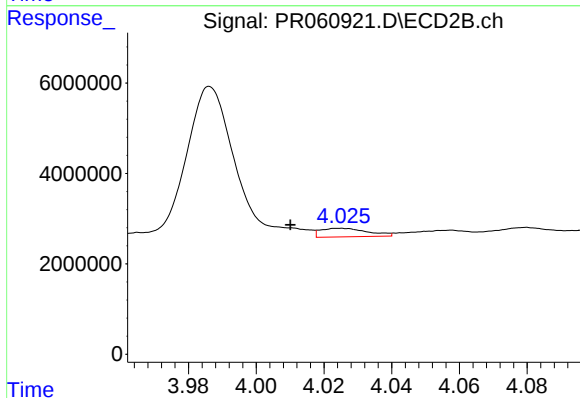
R.T.: 4.834 min
Delta R.T.: -0.006 min
Response: 55034916
Conc: 474.03 ng/ml



#21 AR-1248-1

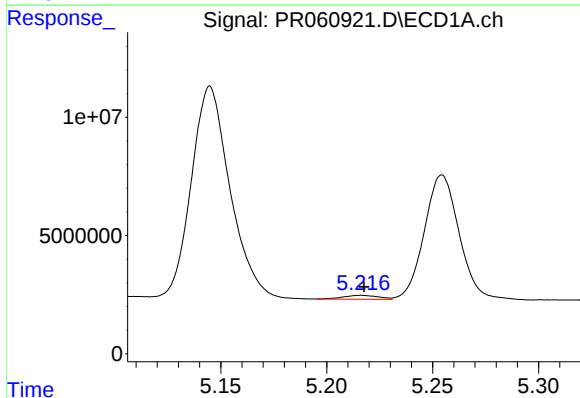
R.T.: 4.915 min
Delta R.T.: -0.008 min
Response: 23220907
Conc: 330.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



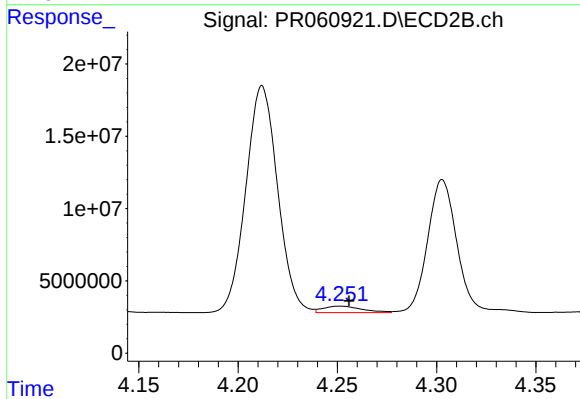
#21 AR-1248-1

R.T.: 4.025 min
Delta R.T.: 0.015 min
Response: 1830564
Conc: 19.02 ng/ml



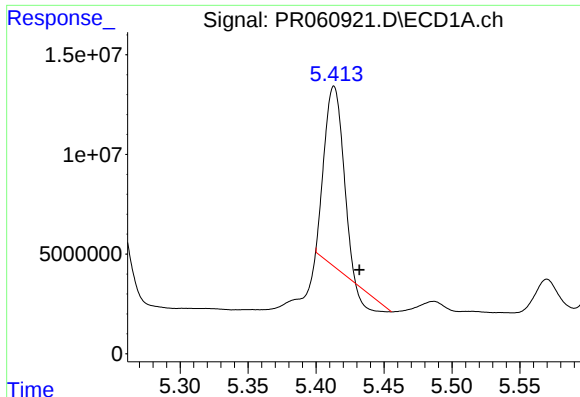
#22 AR-1248-2

R.T.: 5.216 min
Delta R.T.: -0.001 min
Response: 1894045
Conc: 19.87 ng/ml



#22 AR-1248-2

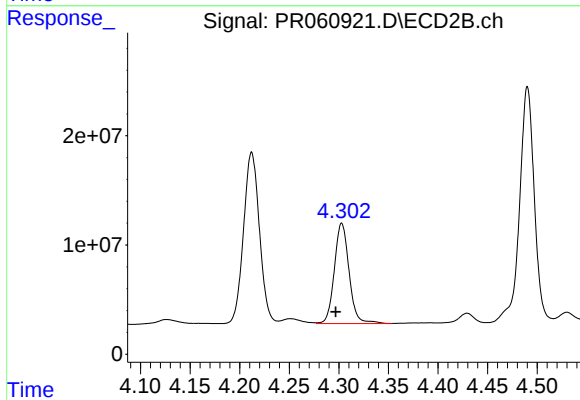
R.T.: 4.251 min
Delta R.T.: -0.005 min
Response: 6070427
Conc: 45.10 ng/ml



#23 AR-1248-3

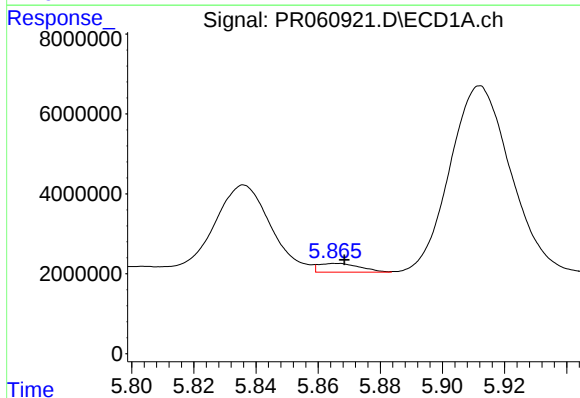
R.T.: 5.413 min
Delta R.T.: -0.019 min
Response: 80379076
Conc: 722.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



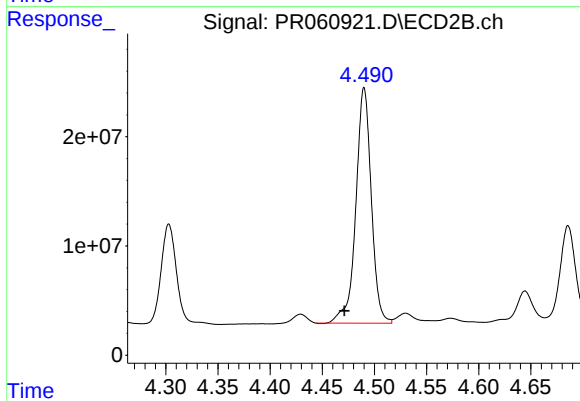
#23 AR-1248-3

R.T.: 4.303 min
Delta R.T.: 0.006 min
Response: 94963934
Conc: 697.18 ng/ml



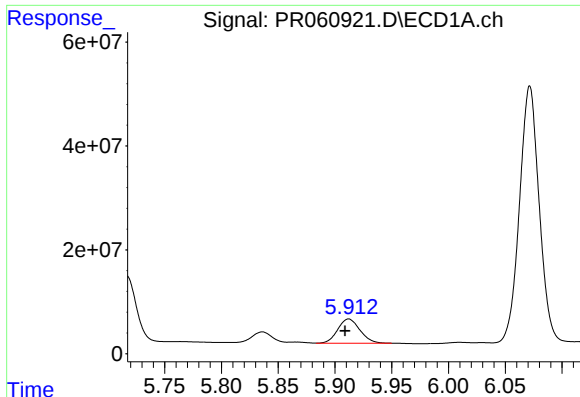
#24 AR-1248-4

R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 2025217
Conc: 16.17 ng/ml



#24 AR-1248-4

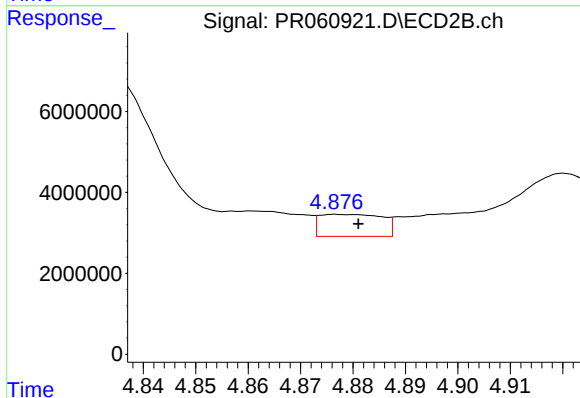
R.T.: 4.490 min
Delta R.T.: 0.019 min
Response: 222582315
Conc: 1337.29 ng/ml



#25 AR-1248-5

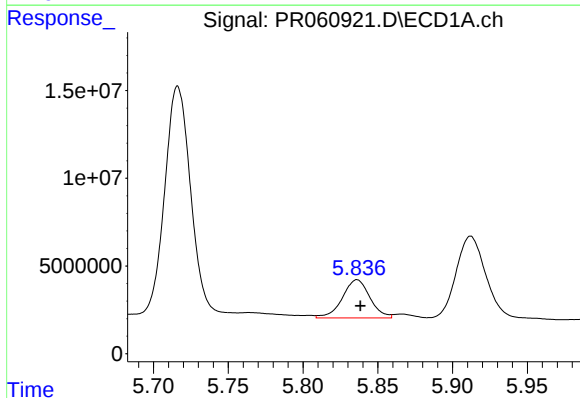
R.T.: 5.912 min
Delta R.T.: 0.003 min
Response: 62554982
Conc: 516.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



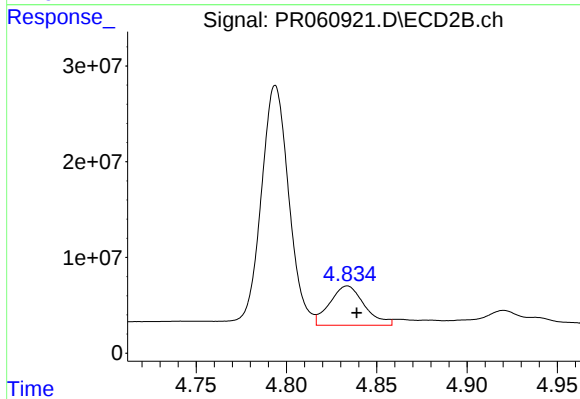
#25 AR-1248-5

R.T.: 4.877 min
Delta R.T.: -0.004 min
Response: 4515362
Conc: 26.47 ng/ml



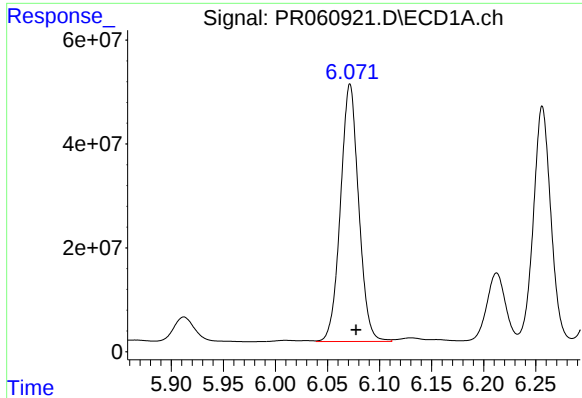
#26 AR-1254-1

R.T.: 5.836 min
Delta R.T.: -0.002 min
Response: 27928969
Conc: 236.29 ng/ml



#26 AR-1254-1

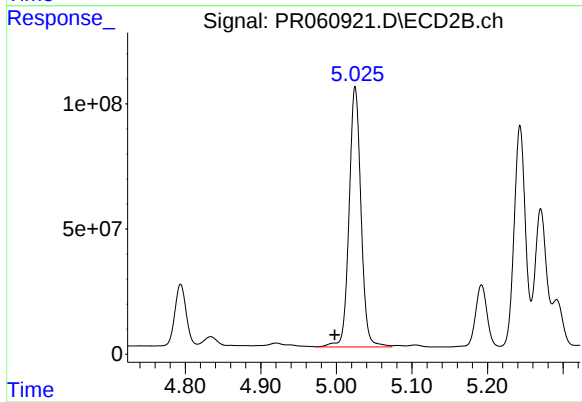
R.T.: 4.834 min
Delta R.T.: -0.005 min
Response: 55034916
Conc: 217.85 ng/ml



#27 AR-1254-2

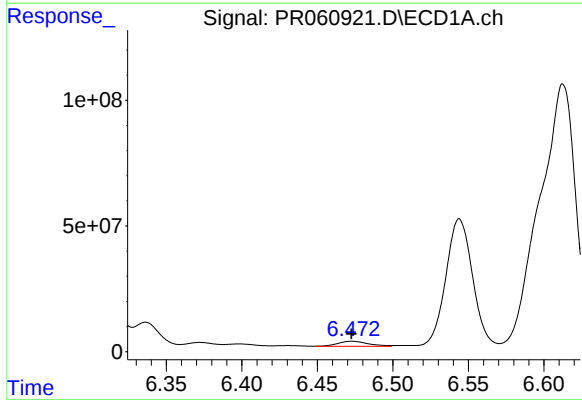
R.T.: 6.072 min
Delta R.T.: -0.006 min
Response: 602969866
Conc: 3180.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



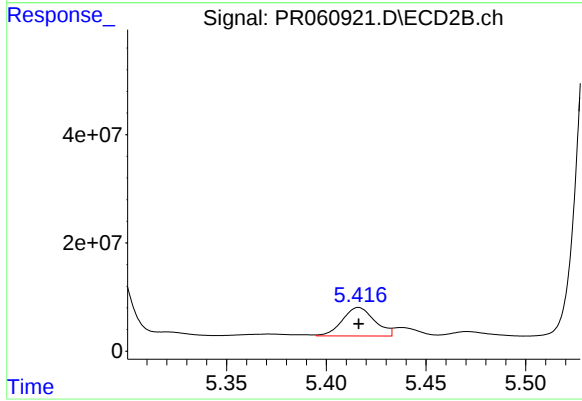
#27 AR-1254-2

R.T.: 5.025 min
Delta R.T.: 0.027 min
Response: 1140979463
Conc: 5200.94 ng/ml



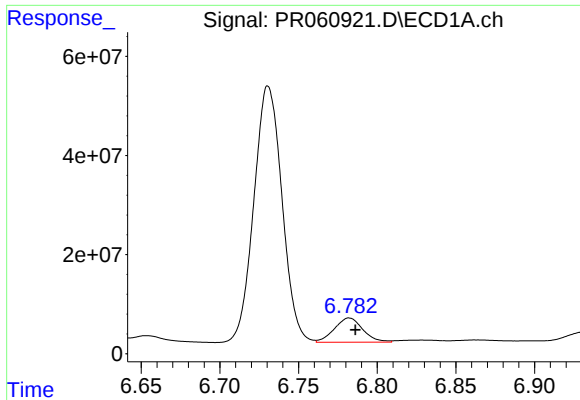
#28 AR-1254-3

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 27851903
Conc: 137.50 ng/ml



#28 AR-1254-3

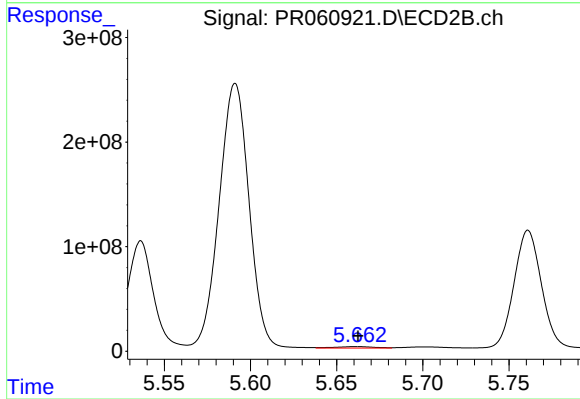
R.T.: 5.416 min
Delta R.T.: 0.000 min
Response: 59303408
Conc: 162.49 ng/ml



#29 AR-1254-4

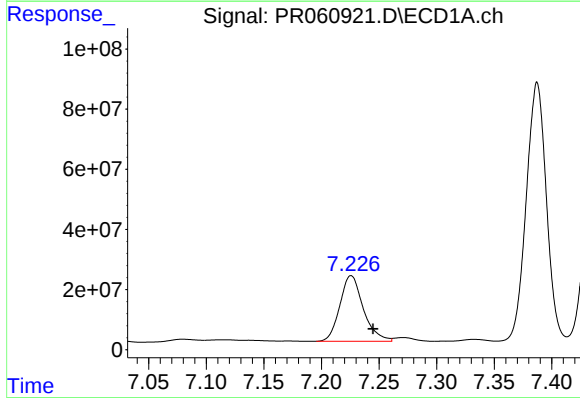
R.T.: 6.782 min
Delta R.T.: -0.004 min
Response: 62014554
Conc: 407.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



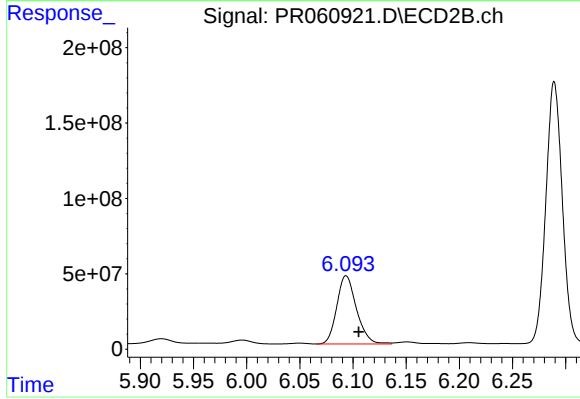
#29 AR-1254-4

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 22829645
Conc: 99.47 ng/ml



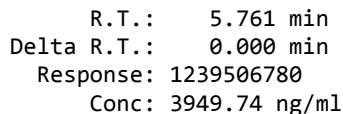
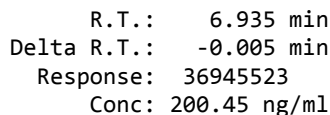
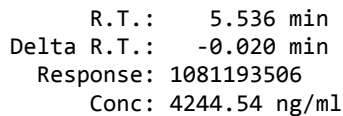
#30 AR-1254-5

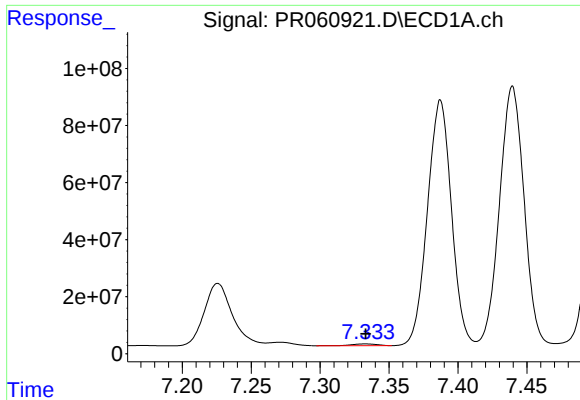
R.T.: 7.226 min
Delta R.T.: -0.019 min
Response: 309880296
Conc: 1895.06 ng/ml



#30 AR-1254-5

R.T.: 6.094 min
Delta R.T.: -0.012 min
Response: 583487033
Conc: 1759.12 ng/ml

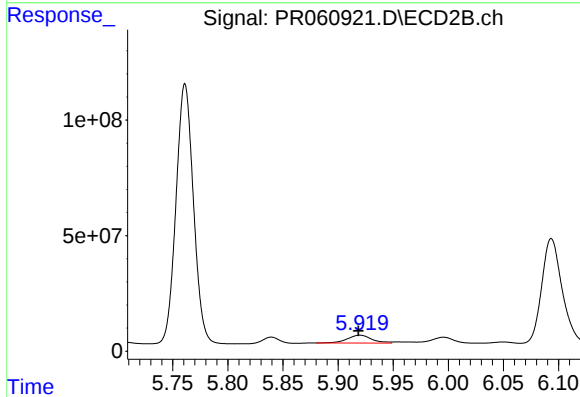




#33 AR-1260-3

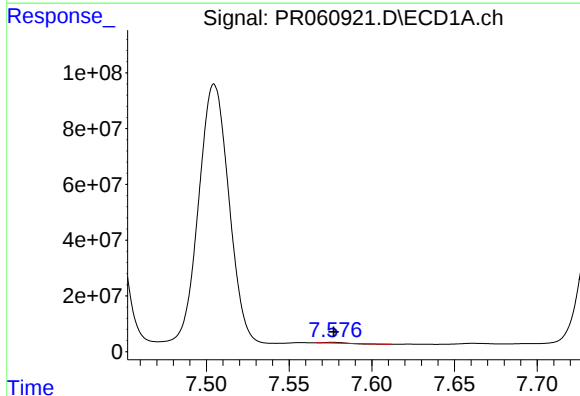
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 7794615
Conc: 57.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



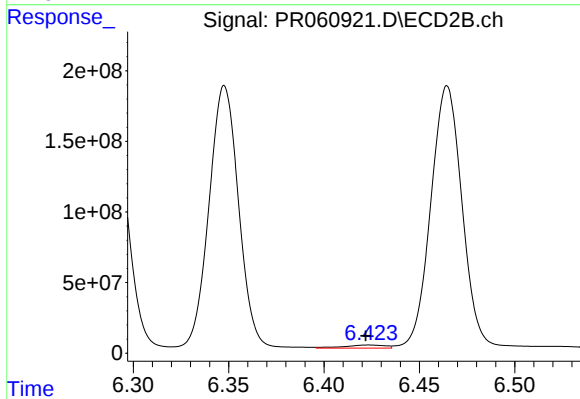
#33 AR-1260-3

R.T.: 5.920 min
Delta R.T.: 0.001 min
Response: 51896261
Conc: 180.23 ng/ml



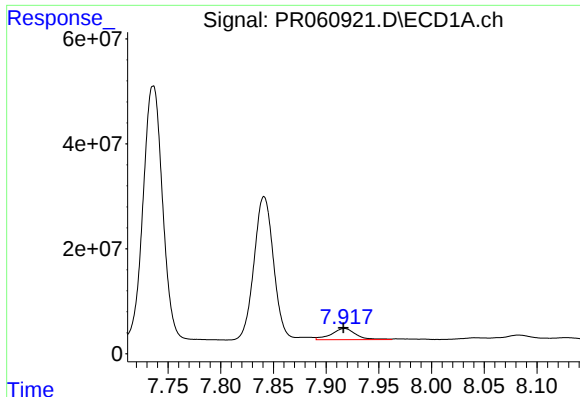
#34 AR-1260-4

R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 1288743
Conc: 8.15 ng/ml



#34 AR-1260-4

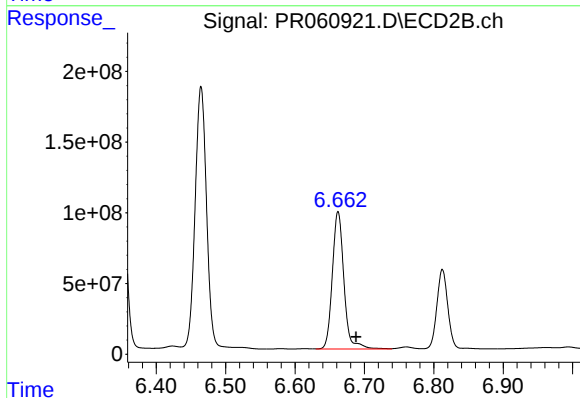
R.T.: 6.423 min
Delta R.T.: 0.002 min
Response: 33110919
Conc: 135.14 ng/ml



#35 AR-1260-5

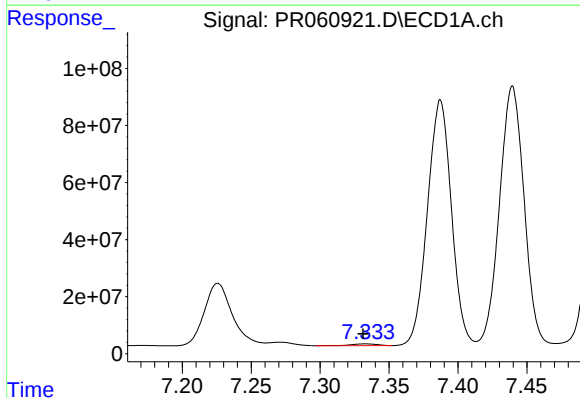
R.T.: 7.917 min
Delta R.T.: 0.001 min
Response: 34740436
Conc: 113.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



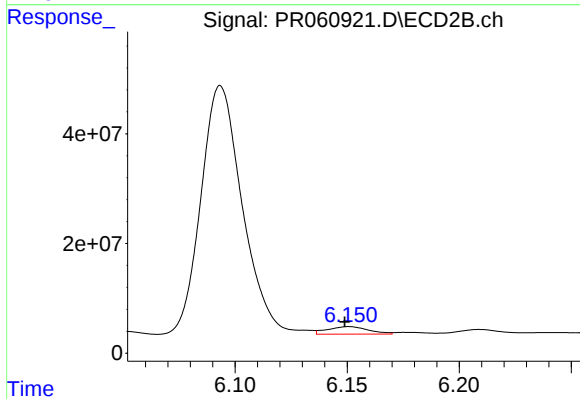
#35 AR-1260-5

R.T.: 6.662 min
Delta R.T.: -0.026 min
Response: 1128983728
Conc: 1909.26 ng/ml



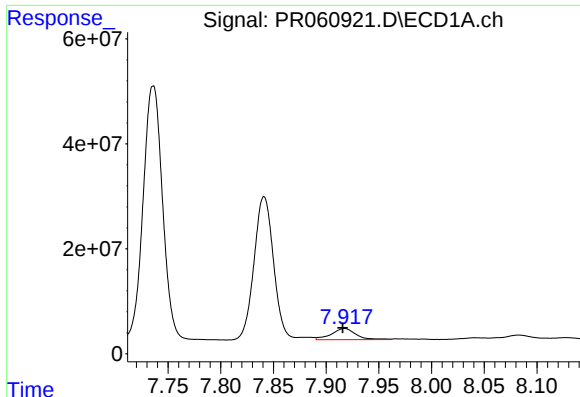
#36 AR-1262-1

R.T.: 7.333 min
Delta R.T.: 0.001 min
Response: 7794615
Conc: 38.98 ng/ml



#36 AR-1262-1

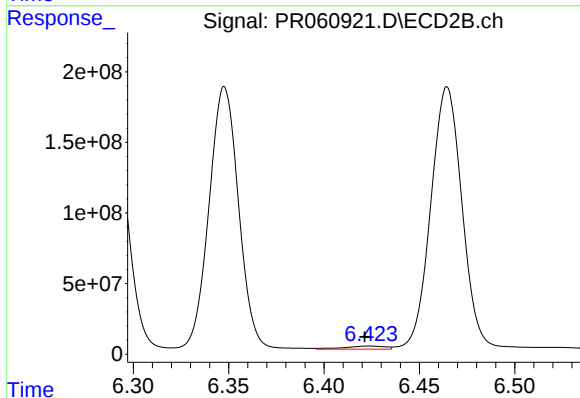
R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 17283202
Conc: 49.49 ng/ml



#37 AR-1262-2

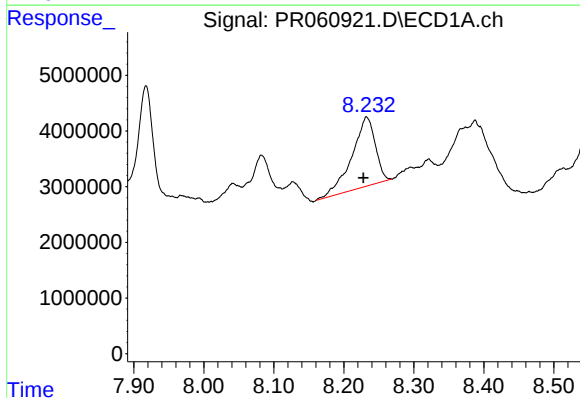
R.T.: 7.917 min
Delta R.T.: 0.002 min
Response: 34740436
Conc: 97.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



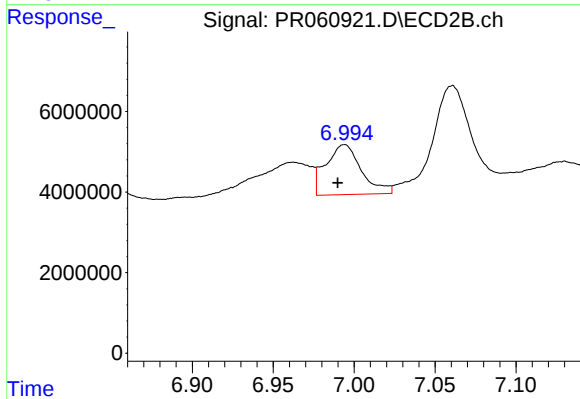
#37 AR-1262-2

R.T.: 6.423 min
Delta R.T.: 0.002 min
Response: 33110919
Conc: 104.42 ng/ml



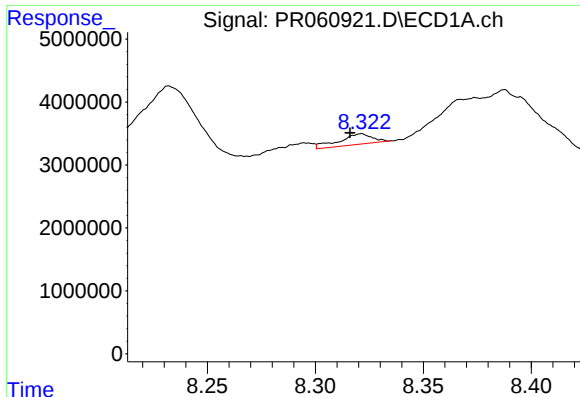
#38 AR-1262-3

R.T.: 8.232 min
Delta R.T.: 0.004 min
Response: 28871253
Conc: 117.32 ng/ml



#38 AR-1262-3

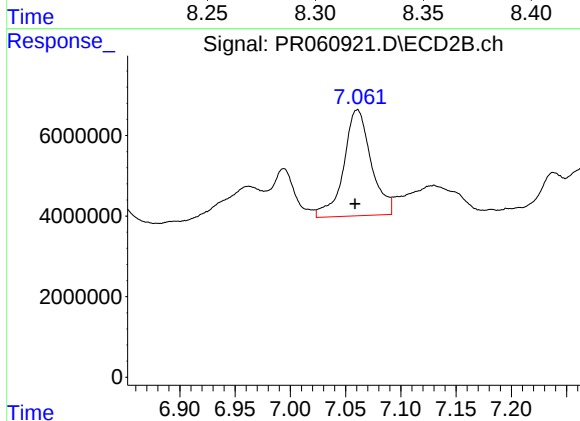
R.T.: 6.994 min
Delta R.T.: 0.004 min
Response: 18959284
Conc: 75.63 ng/ml



#39 AR-1262-4

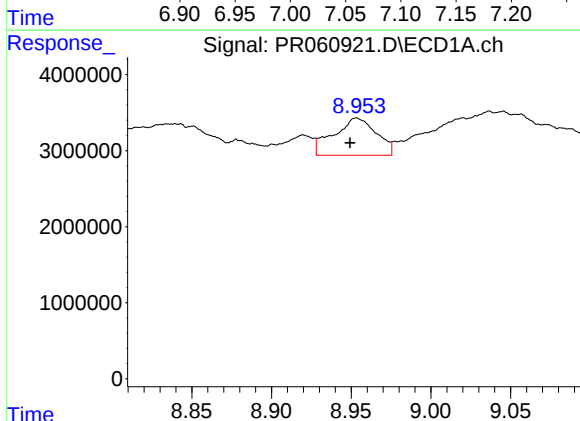
R.T.: 8.321 min
Delta R.T.: 0.005 min
Response: 1795612
Conc: 9.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



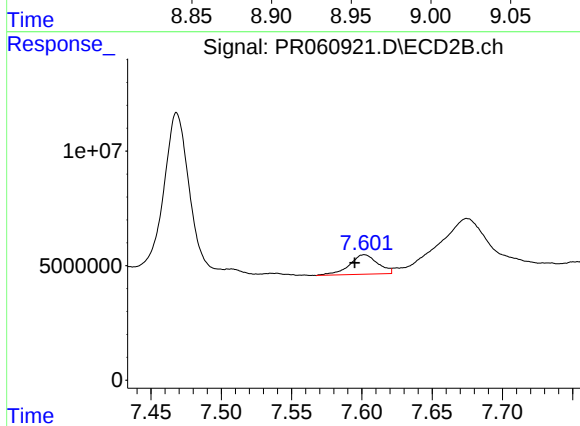
#39 AR-1262-4

R.T.: 7.061 min
Delta R.T.: 0.002 min
Response: 45565745
Conc: 93.57 ng/ml



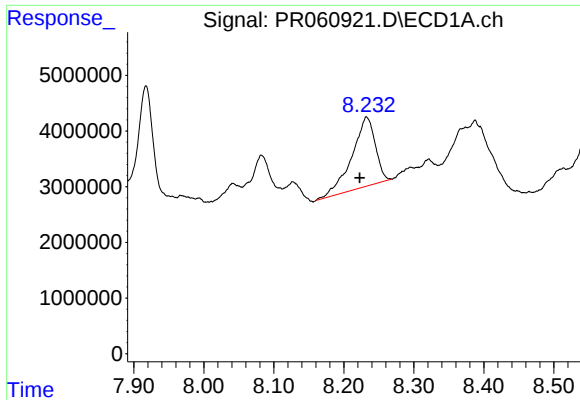
#40 AR-1262-5

R.T.: 8.953 min
Delta R.T.: 0.004 min
Response: 9128207
Conc: 67.09 ng/ml



#40 AR-1262-5

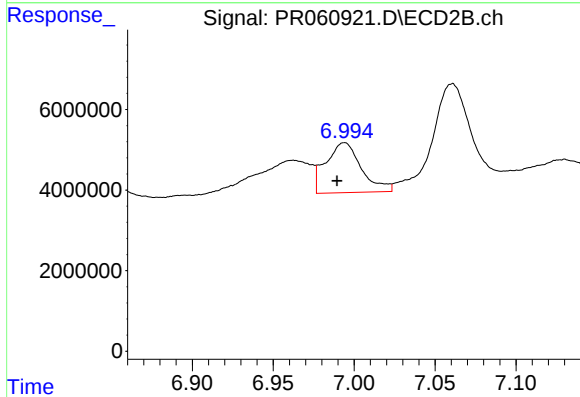
R.T.: 7.602 min
Delta R.T.: 0.007 min
Response: 11933476
Conc: 53.69 ng/ml



#41 AR-1268-1

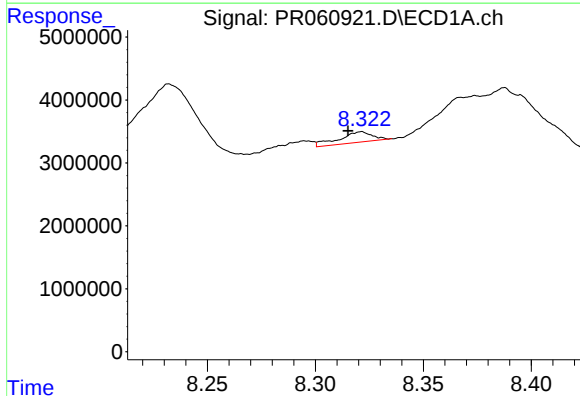
R.T.: 8.232 min
Delta R.T.: 0.010 min
Response: 28871253
Conc: 85.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



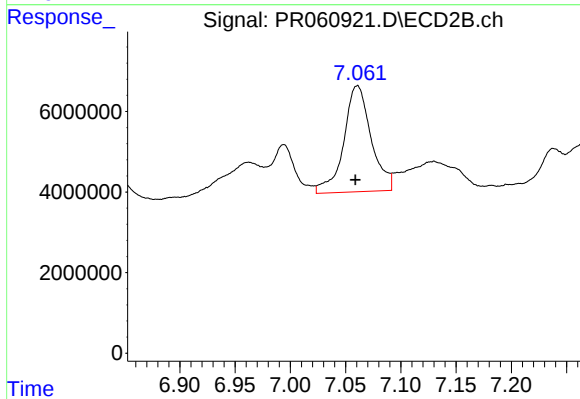
#41 AR-1268-1

R.T.: 6.994 min
Delta R.T.: 0.005 min
Response: 18959284
Conc: 31.59 ng/ml



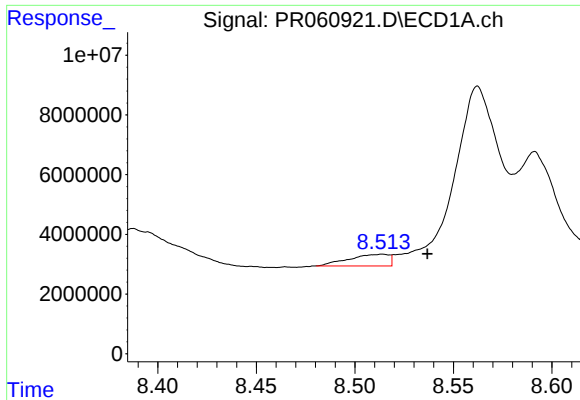
#42 AR-1268-2

R.T.: 8.321 min
Delta R.T.: 0.006 min
Response: 1795612
Conc: 5.88 ng/ml



#42 AR-1268-2

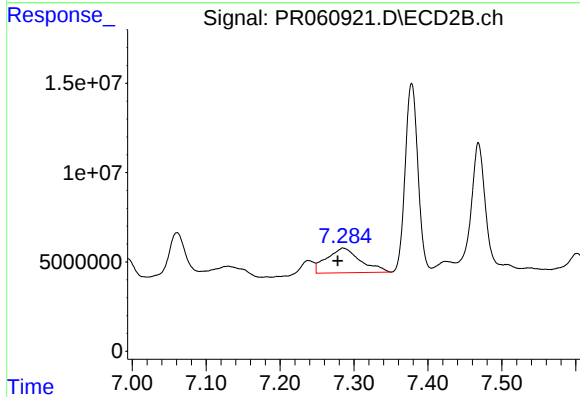
R.T.: 7.061 min
Delta R.T.: 0.002 min
Response: 45565745
Conc: 83.38 ng/ml



#43 AR-1268-3

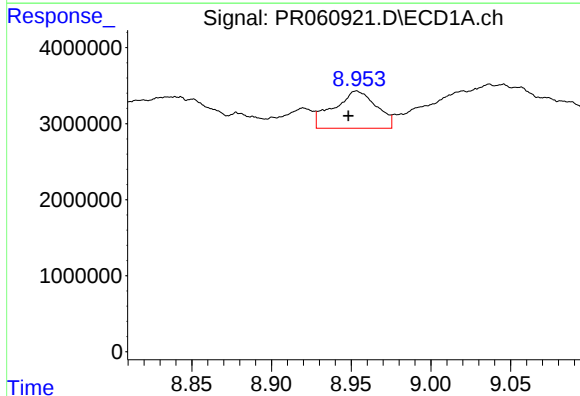
R.T.: 8.514 min
Delta R.T.: -0.023 min
Response: 5518883
Conc: 20.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



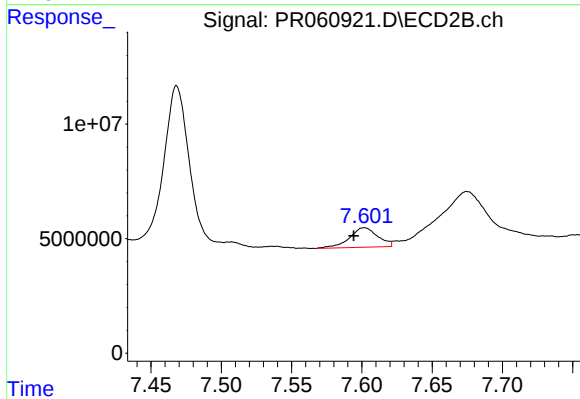
#43 AR-1268-3

R.T.: 7.285 min
Delta R.T.: 0.007 min
Response: 43624634
Conc: 94.17 ng/ml



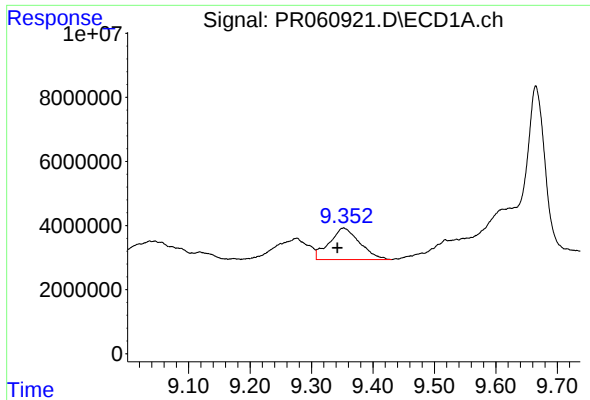
#44 AR-1268-4

R.T.: 8.953 min
Delta R.T.: 0.005 min
Response: 9128207
Conc: 75.74 ng/ml



#44 AR-1268-4

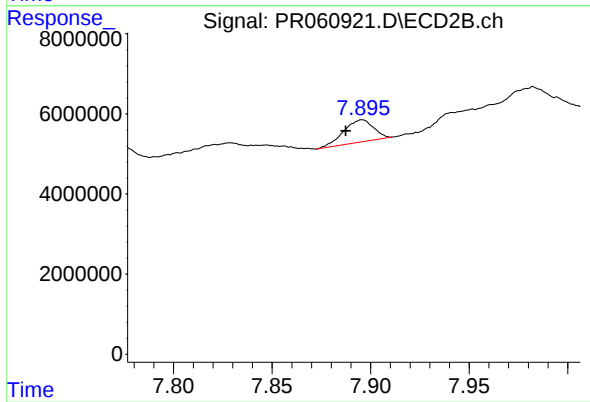
R.T.: 7.602 min
Delta R.T.: 0.008 min
Response: 11933476
Conc: 61.04 ng/ml



#45 AR-1268-5

R.T.: 9.352 min
Delta R.T.: 0.010 min
Response: 33898201
Conc: 38.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.896 min
Delta R.T.: 0.008 min
Response: 5825607
Conc: 3.84 ng/ml