

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100419\
 Data File : PR041879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2019 02:34
 Operator : SM\AJ
 Sample : K5096-06MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 JLMH1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 05:22:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
 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...	4.722	3.989	70585265	263.6E6	17.352	17.241
2)	SA Decachlor...	10.634	9.095	110.7E6	368.2E6	32.210	37.137
Target Compounds							
3)	L1 AR-1016-1	5.897	5.084	64651758	234.0E6	450.318	430.508
4)	L1 AR-1016-2	5.920	5.105	89946431	320.9E6	439.843	444.664
5)	L1 AR-1016-3	5.983	5.283	53608677	157.9E6	440.956	432.932
6)	L1 AR-1016-4	6.083	5.322	44811741	117.8E6	440.623	424.483
7)	L1 AR-1016-5	6.376	5.539	44319825	129.6E6	445.108	419.162
8)	L2 AR-1221-1	4.927	4.200	6703427	20369340	163.277	120.572 #
9)	L2 AR-1221-2	5.018	4.288	6732628	25234101	232.052	205.326
10)	L2 AR-1221-3	5.096	4.366	28645219	111.3E6	294.423	285.660
11)	L3 AR-1232-1	5.096	4.366	28645219	111.3E6	342.326	326.546
12)	L3 AR-1232-2	5.630	5.105	42372615	320.9E6	983.608	942.505
13)	L3 AR-1232-3	5.920	5.283	89946431	157.9E6	1000.347	937.383
14)	L3 AR-1232-4	6.083	5.366	44811741	145.1E6	1006.922	1018.533
15)	L3 AR-1232-5	6.170	5.539	38922111	129.6E6	1184.785	961.852
16)	L4 AR-1242-1	5.897	5.084	64651758	234.0E6	586.275	551.031
17)	L4 AR-1242-2	5.920	5.105	89946431	320.9E6	579.363	563.947
18)	L4 AR-1242-3	5.983	5.283	53608677	157.9E6	571.345	546.998
19)	L4 AR-1242-4	6.083	5.366	44811741	145.1E6	576.819	557.308
20)	L4 AR-1242-5	6.819	5.893	6447627	90373109	73.663	340.653 #
21)	L5 AR-1248-1	5.897	5.084	64651758	234.0E6	776.949	717.993
22)	L5 AR-1248-2	6.170	5.322	38922111	117.8E6	339.178	316.261
23)	L5 AR-1248-3	6.376	5.366	44319825	145.1E6	341.823	387.581
24)	L5 AR-1248-4	6.778	5.539	6270227	129.6E6	40.863	325.429 #
25)	L5 AR-1248-5	6.819	5.934	6447627	14996828	44.531	42.939
26)	L6 AR-1254-1	6.753	5.893	35420398	90373109	216.888	170.601
27)	L6 AR-1254-2	6.969	6.039	38034825	95046364	153.304	189.579
28)	L6 AR-1254-3	7.339	6.460	20782530	242.3E6	77.012	256.862 #
29)	L6 AR-1254-4	7.624	6.673	14184639	24845574	69.890	37.527 #
30)	L6 AR-1254-5	8.043	7.092	129.2E6	420.7E6	607.612	489.929
31)	L7 AR-1260-1	7.501	6.576	87879899	278.4E6	463.830	469.691
32)	L7 AR-1260-2	7.756	6.762	104.4E6	378.4E6	441.762	464.108
33)	L7 AR-1260-3	8.117	6.918	63580641	331.3E6	338.685	479.230 #
34)	L7 AR-1260-4	8.355	7.391	81870726	231.1E6	407.385	398.223
35)	L7 AR-1260-5	8.694	7.630	154.4E6	654.1E6	356.690	402.320
36)	L8 AR-1262-1	8.177	7.092	34020321	420.7E6	361.416	965.334 #
37)	L8 AR-1262-2	8.694	7.630	154.4E6	654.1E6	357.971	379.967
38)	L8 AR-1262-3	9.046	7.916	96276613	110.4E6	345.394	169.099 #
39)	L8 AR-1262-4	9.103	7.979	48956670	406.6E6	238.966	347.908 #
40)	L8 AR-1262-5	9.825	8.497	32353360	118.1E6	224.288	220.722
41)	L9 AR-1268-1	9.046	7.916	96276613	110.4E6	175.289	50.339 #

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 Operator : SM\AJ
 Sample : K5096-06MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

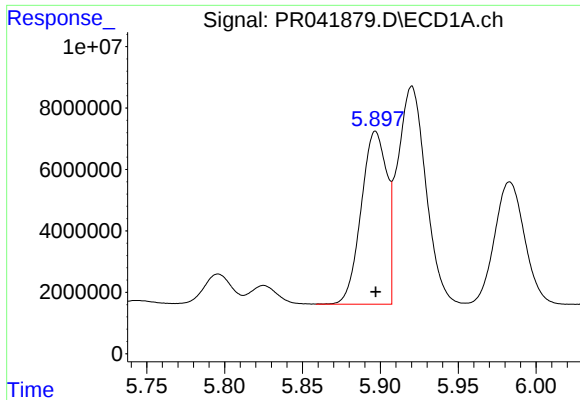
Instrument :
 ECD_R
 ClientSampleId :
 JLMH1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 05:22:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
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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	9.103	7.979	48956670	406.6E6	98.470	204.315 #
43) L9	AR-1268-3	9.368	8.194	2373757	9604831	5.820	5.731
44) L9	AR-1268-4	9.825	8.497	32353360	118.1E6	184.404	182.949
45) L9	AR-1268-5	10.270	8.814	10626467	33250821	8.155	7.246

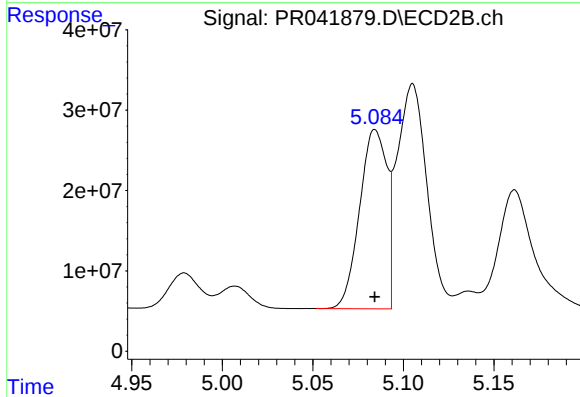
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

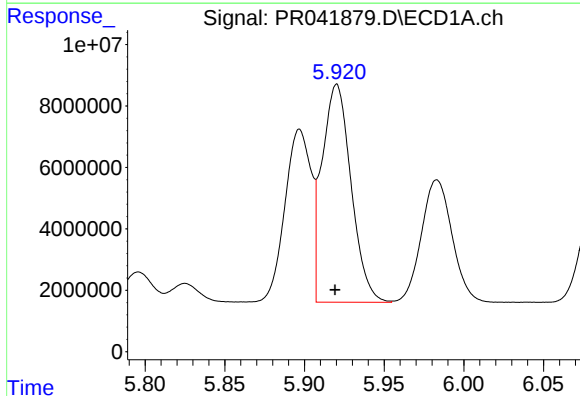
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 64651758
Conc: 450.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



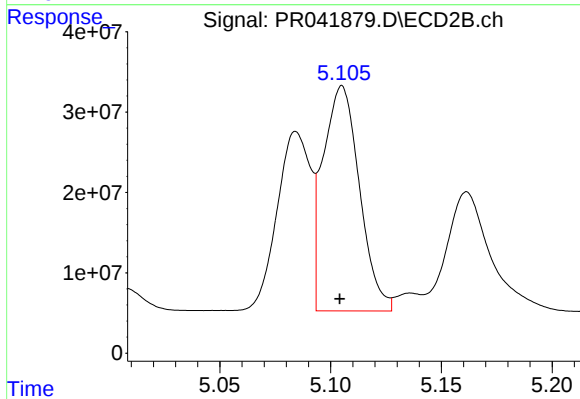
#3 AR-1016-1

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 234022430
Conc: 430.51 ng/ml



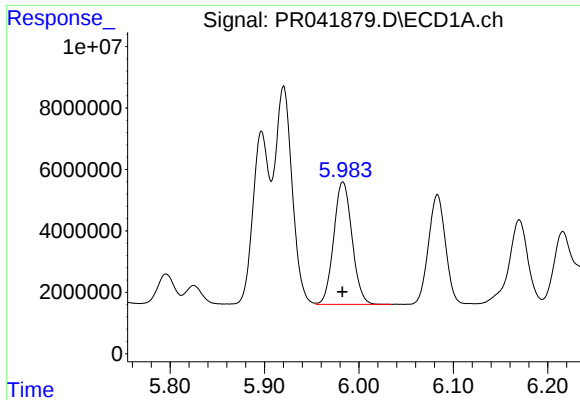
#4 AR-1016-2

R.T.: 5.920 min
Delta R.T.: 0.001 min
Response: 89946431
Conc: 439.84 ng/ml



#4 AR-1016-2

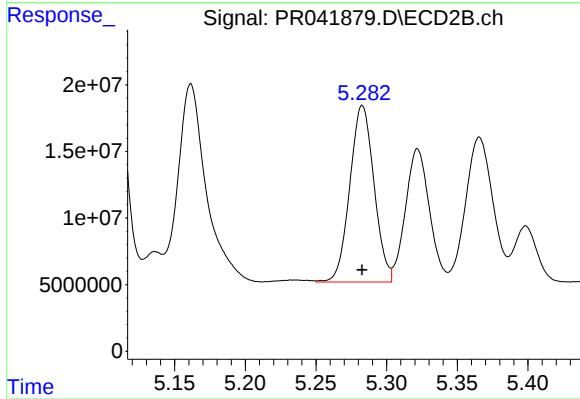
R.T.: 5.105 min
Delta R.T.: 0.001 min
Response: 320947220
Conc: 444.66 ng/ml



#5 AR-1016-3

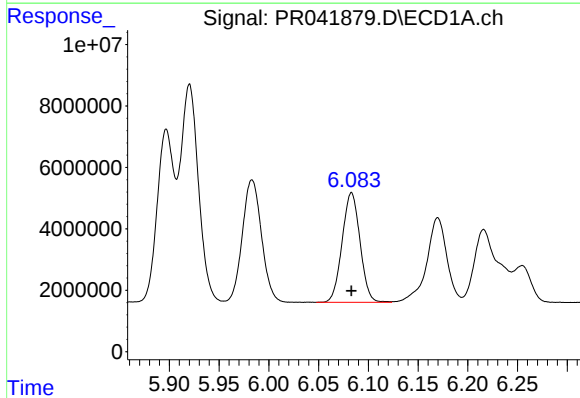
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 53608677
Conc: 440.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



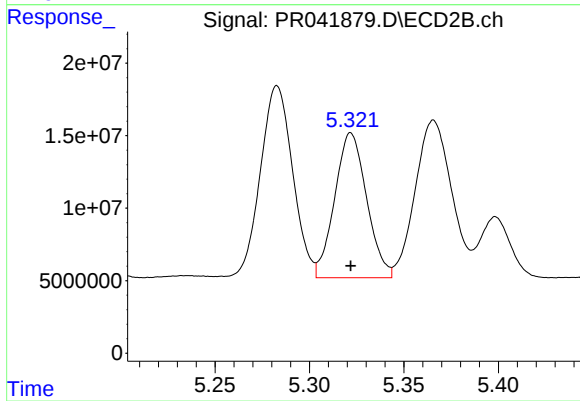
#5 AR-1016-3

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 157867365
Conc: 432.93 ng/ml



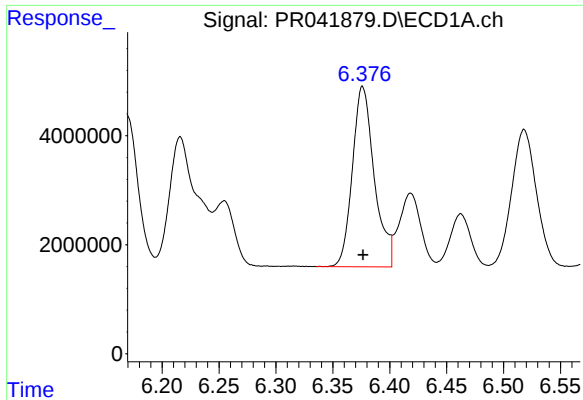
#6 AR-1016-4

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 44811741
Conc: 440.62 ng/ml



#6 AR-1016-4

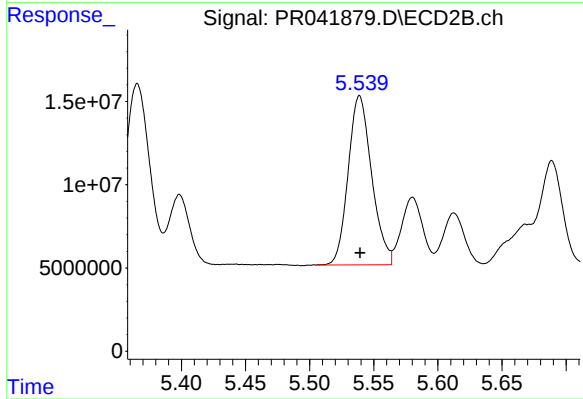
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 117798193
Conc: 424.48 ng/ml



#7 AR-1016-5

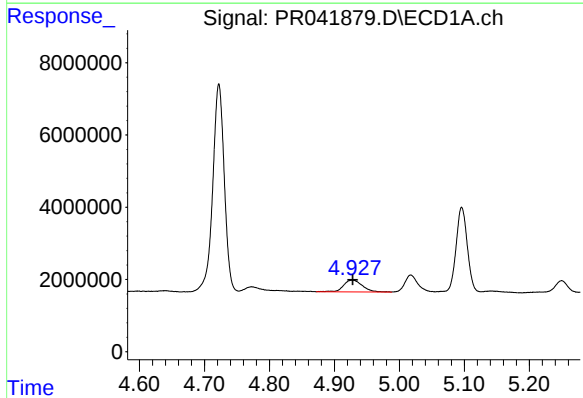
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 44319825
Conc: 445.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



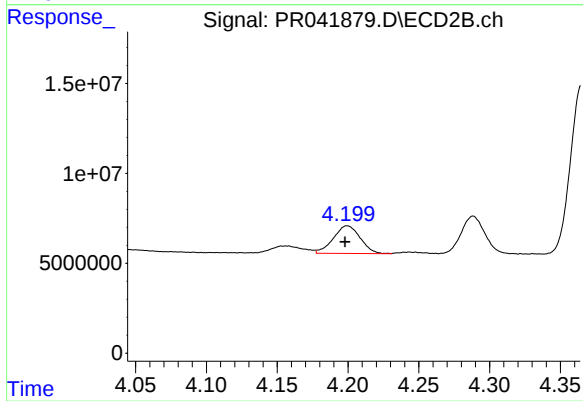
#7 AR-1016-5

R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 129610493
Conc: 419.16 ng/ml



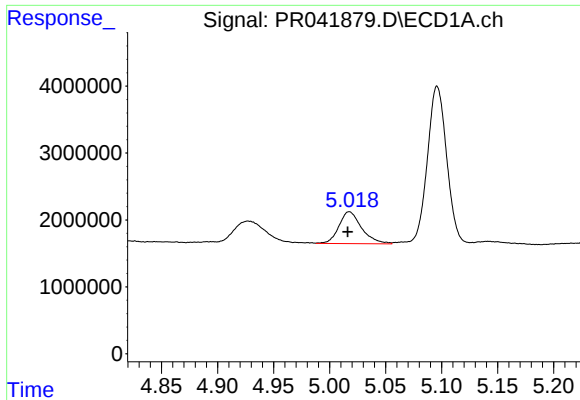
#8 AR-1221-1

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 6703427
Conc: 163.28 ng/ml



#8 AR-1221-1

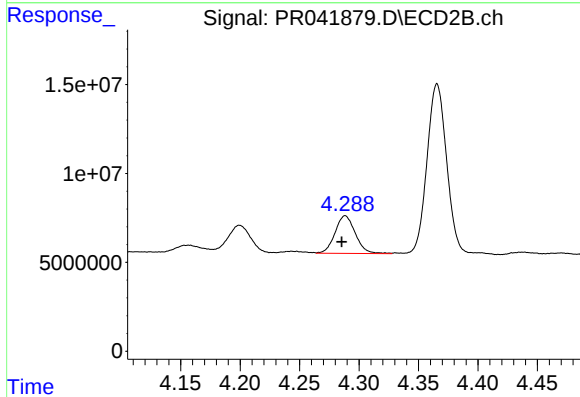
R.T.: 4.200 min
Delta R.T.: 0.001 min
Response: 20369340
Conc: 120.57 ng/ml



#9 AR-1221-2

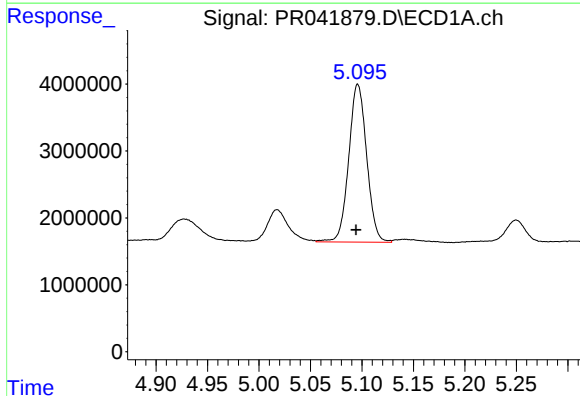
R.T.: 5.018 min
Delta R.T.: 0.002 min
Response: 6732628
Conc: 232.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



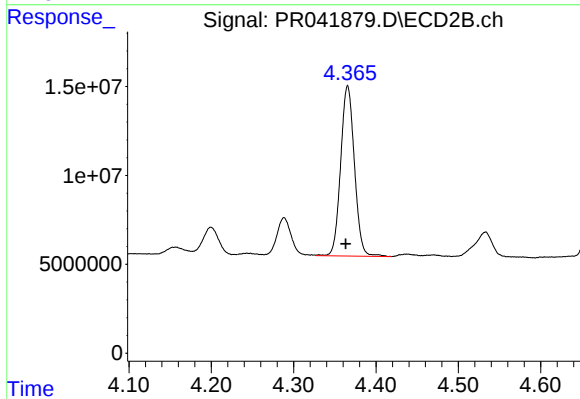
#9 AR-1221-2

R.T.: 4.288 min
Delta R.T.: 0.003 min
Response: 25234101
Conc: 205.33 ng/ml



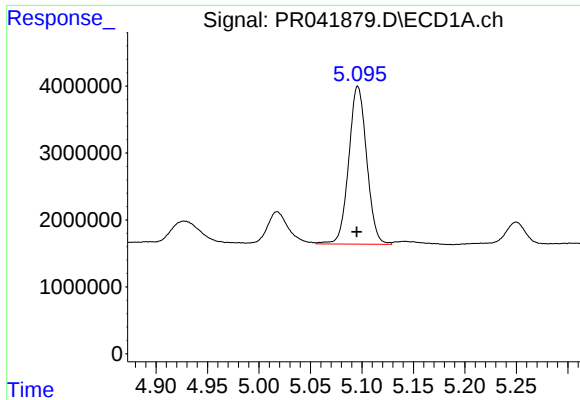
#10 AR-1221-3

R.T.: 5.096 min
Delta R.T.: 0.002 min
Response: 28645219
Conc: 294.42 ng/ml



#10 AR-1221-3

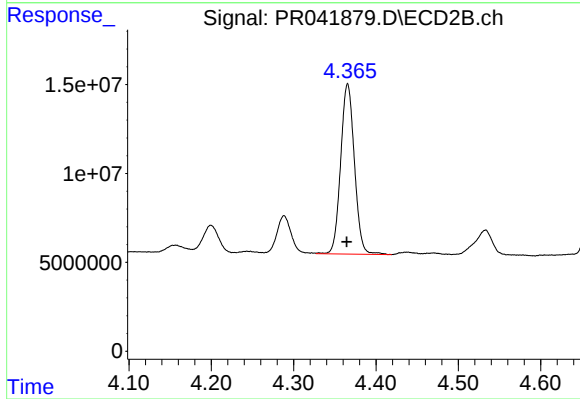
R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 111264033
Conc: 285.66 ng/ml



#11 AR-1232-1

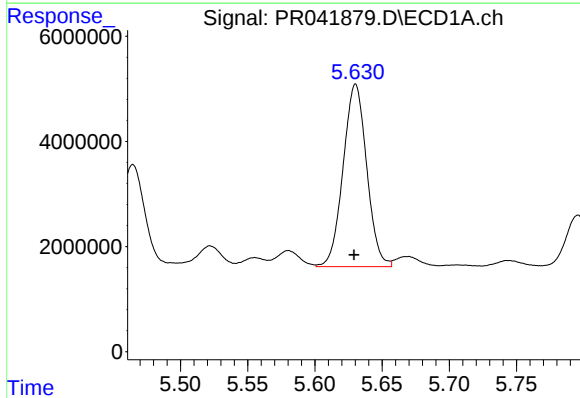
R.T.: 5.096 min
Delta R.T.: 0.001 min
Response: 28645219
Conc: 342.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



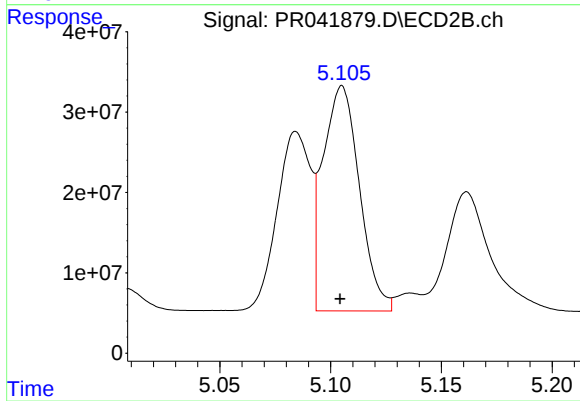
#11 AR-1232-1

R.T.: 4.366 min
Delta R.T.: 0.001 min
Response: 111264033
Conc: 326.55 ng/ml



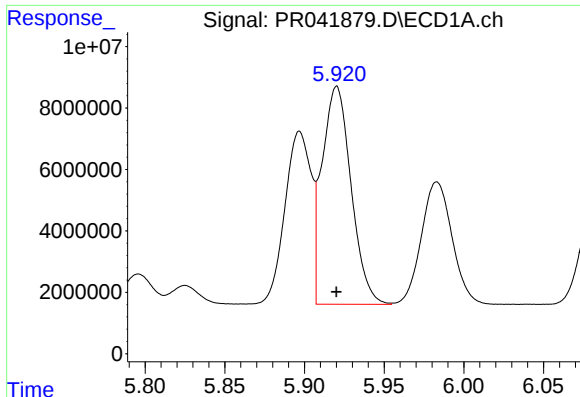
#12 AR-1232-2

R.T.: 5.630 min
Delta R.T.: 0.001 min
Response: 42372615
Conc: 983.61 ng/ml



#12 AR-1232-2

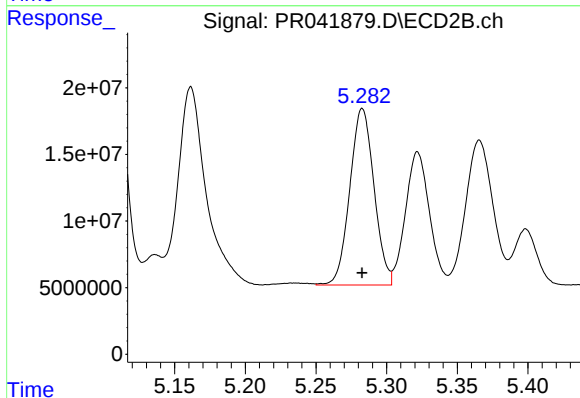
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 320947220
Conc: 942.50 ng/ml



#13 AR-1232-3

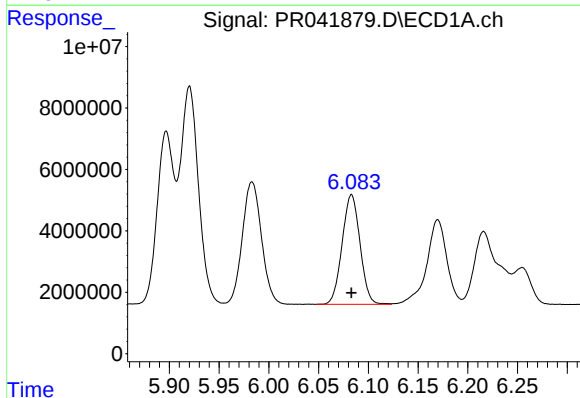
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 89946431
Conc: 1000.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



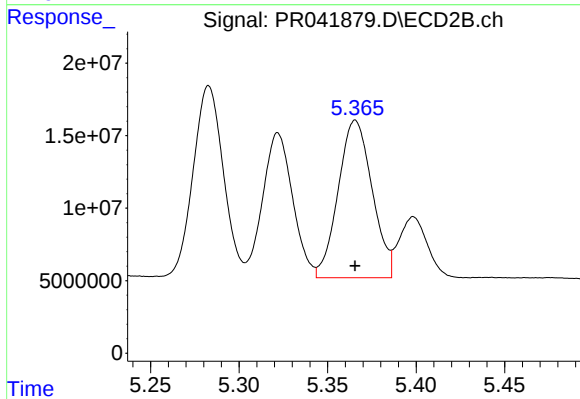
#13 AR-1232-3

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 157867365
Conc: 937.38 ng/ml



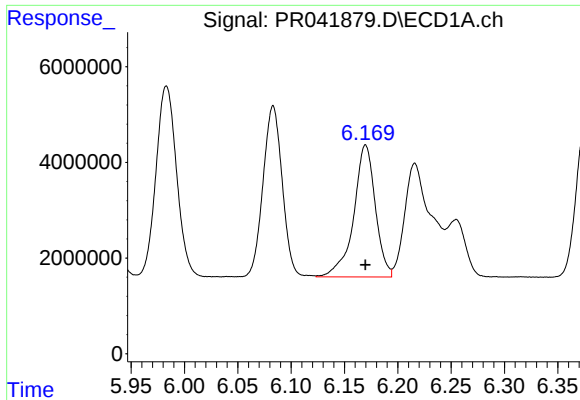
#14 AR-1232-4

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 44811741
Conc: 1006.92 ng/ml



#14 AR-1232-4

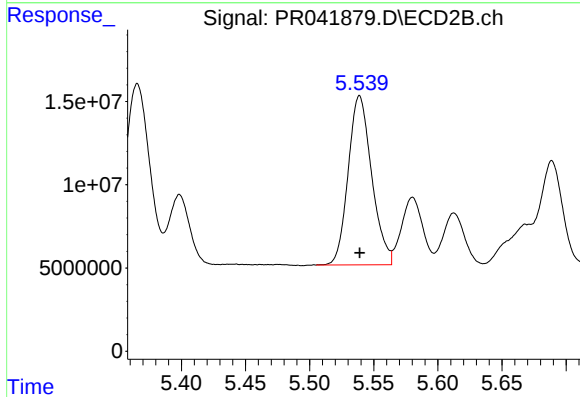
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 145078807
Conc: 1018.53 ng/ml



#15 AR-1232-5

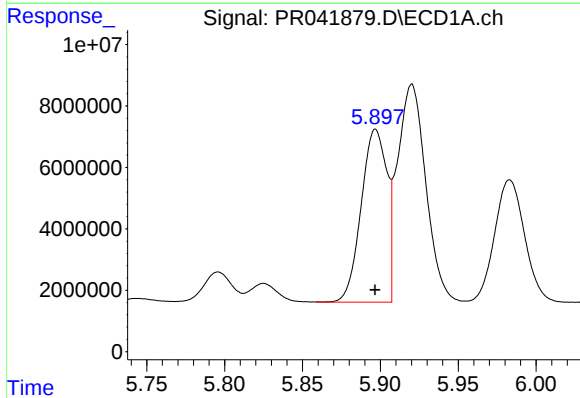
R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 38922111
Conc: 1184.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



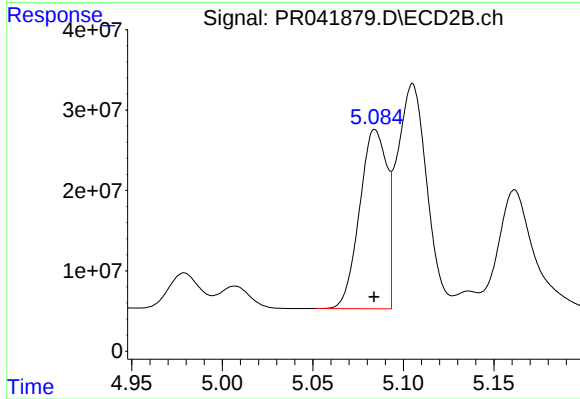
#15 AR-1232-5

R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 129610493
Conc: 961.85 ng/ml



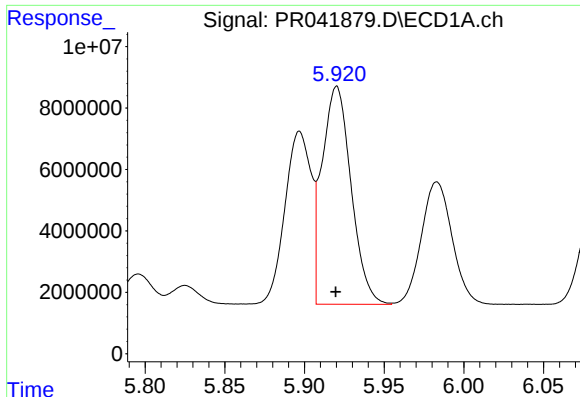
#16 AR-1242-1

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 64651758
Conc: 586.27 ng/ml



#16 AR-1242-1

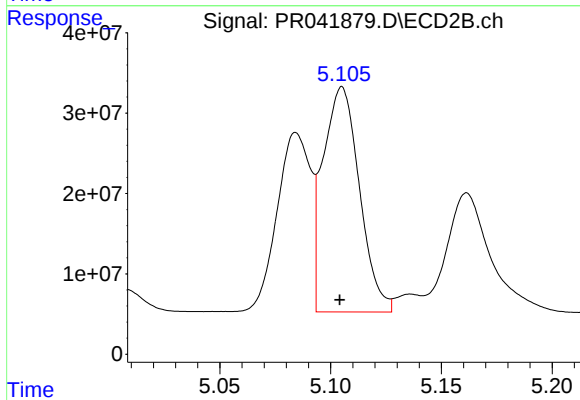
R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 234022430
Conc: 551.03 ng/ml



#17 AR-1242-2

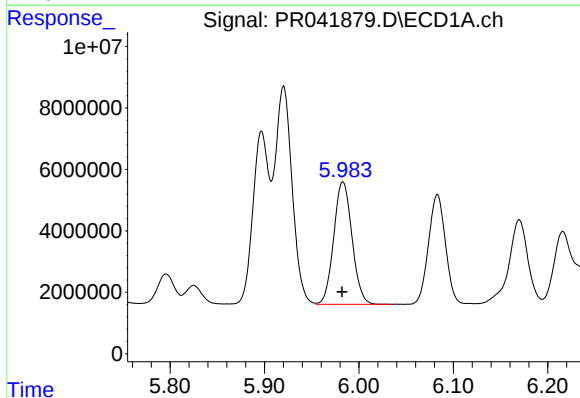
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 89946431
Conc: 579.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



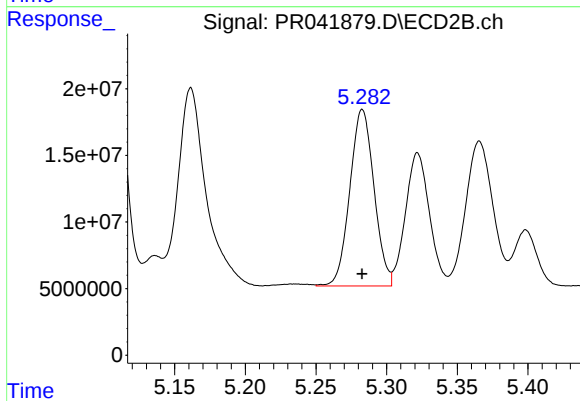
#17 AR-1242-2

R.T.: 5.105 min
Delta R.T.: 0.001 min
Response: 320947220
Conc: 563.95 ng/ml



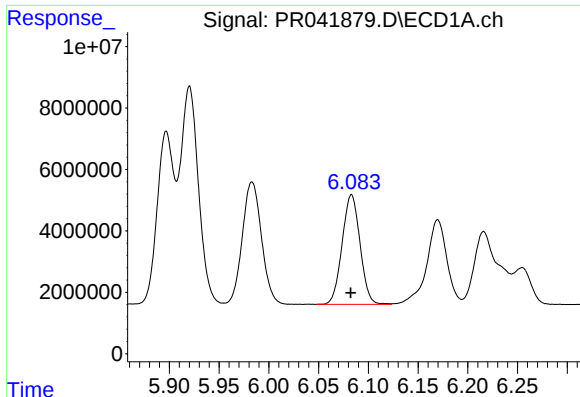
#18 AR-1242-3

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 53608677
Conc: 571.34 ng/ml



#18 AR-1242-3

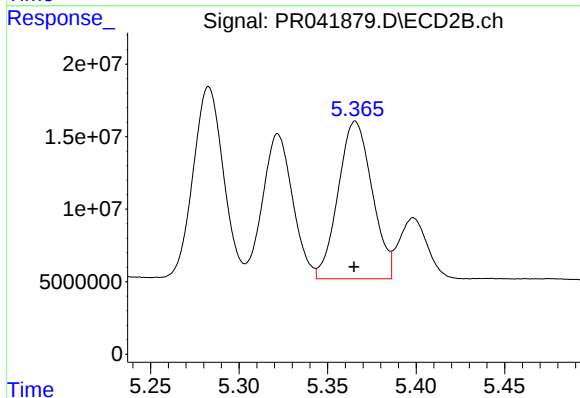
R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 157867365
Conc: 547.00 ng/ml



#19 AR-1242-4

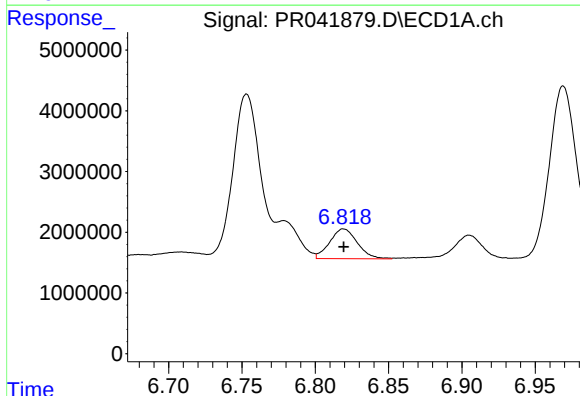
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 44811741
Conc: 576.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



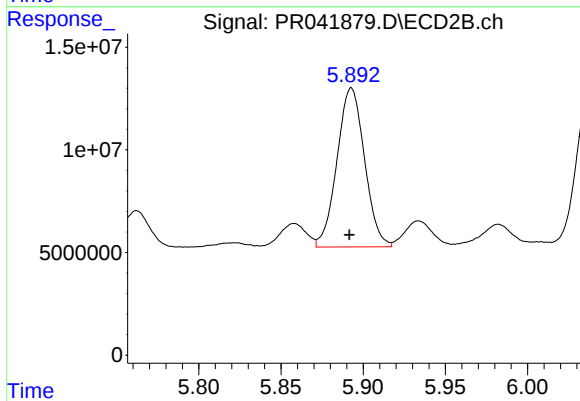
#19 AR-1242-4

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 145078807
Conc: 557.31 ng/ml



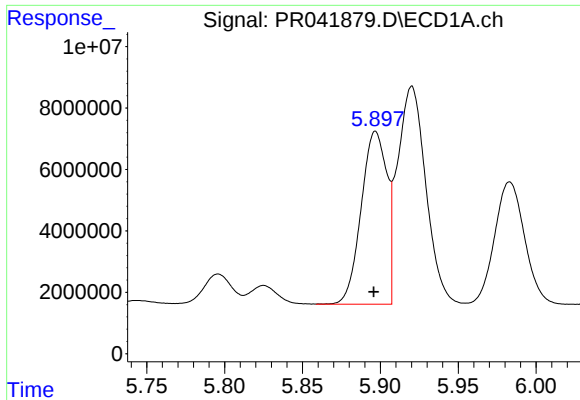
#20 AR-1242-5

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 6447627
Conc: 73.66 ng/ml



#20 AR-1242-5

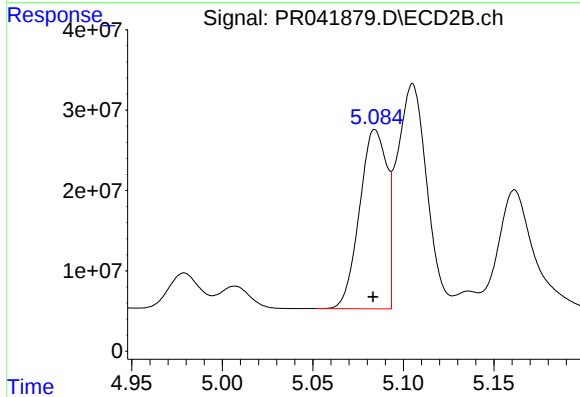
R.T.: 5.893 min
Delta R.T.: 0.001 min
Response: 90373109
Conc: 340.65 ng/ml



#21 AR-1248-1

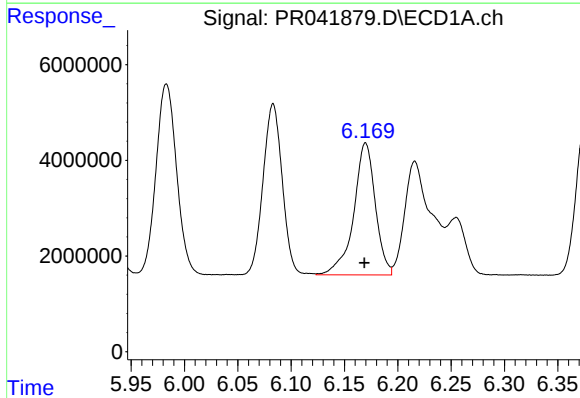
R.T.: 5.897 min
Delta R.T.: 0.001 min
Response: 64651758
Conc: 776.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



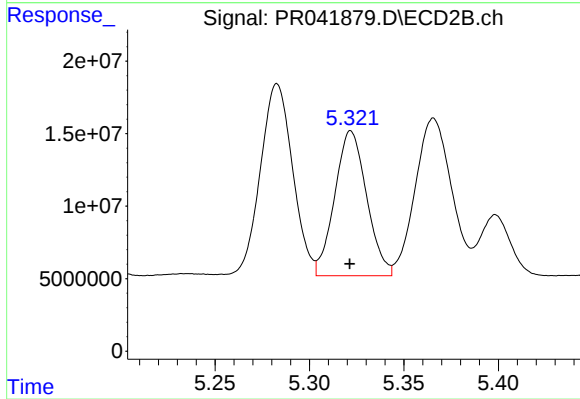
#21 AR-1248-1

R.T.: 5.084 min
Delta R.T.: 0.001 min
Response: 234022430
Conc: 717.99 ng/ml



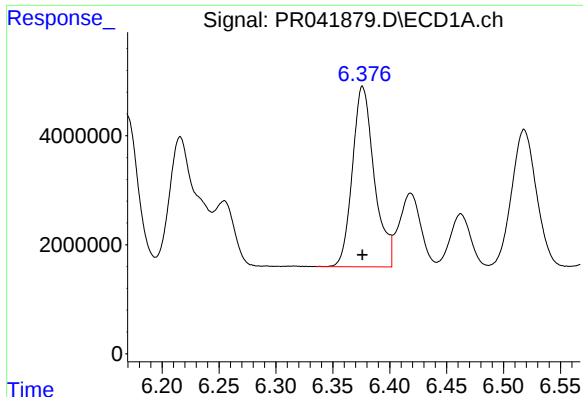
#22 AR-1248-2

R.T.: 6.170 min
Delta R.T.: 0.001 min
Response: 38922111
Conc: 339.18 ng/ml



#22 AR-1248-2

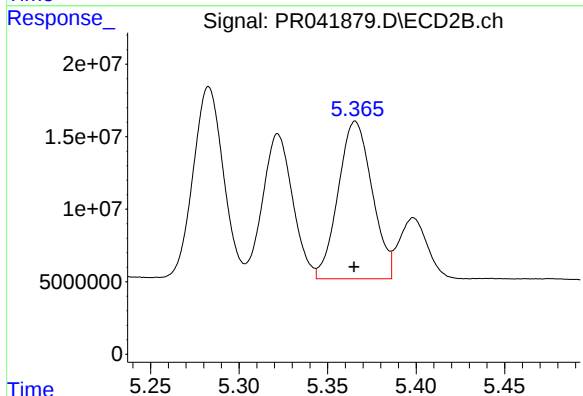
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 117798193
Conc: 316.26 ng/ml



#23 AR-1248-3

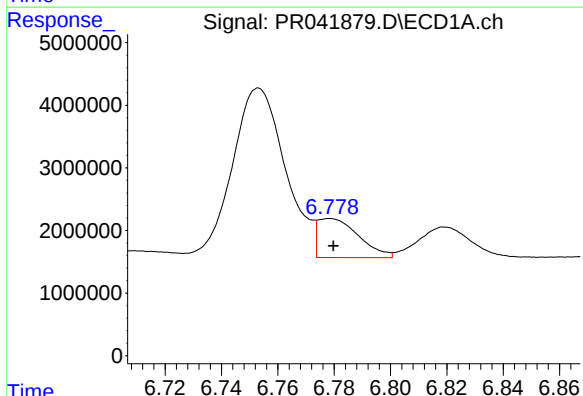
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 44319825
Conc: 341.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



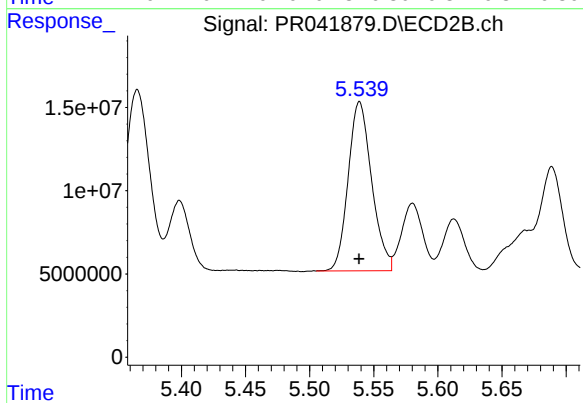
#23 AR-1248-3

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 145078807
Conc: 387.58 ng/ml



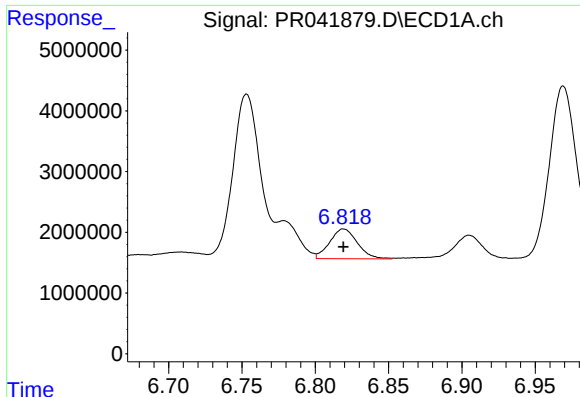
#24 AR-1248-4

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 6270227
Conc: 40.86 ng/ml



#24 AR-1248-4

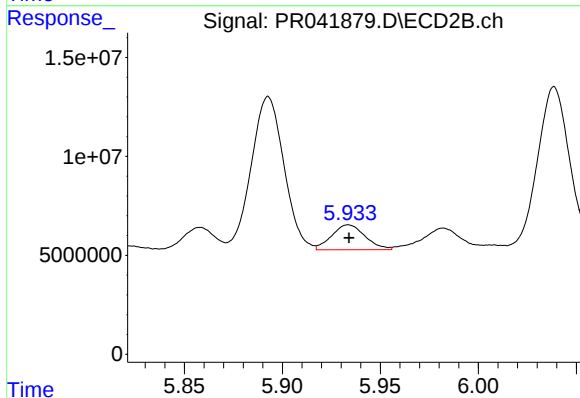
R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 129610493
Conc: 325.43 ng/ml



#25 AR-1248-5

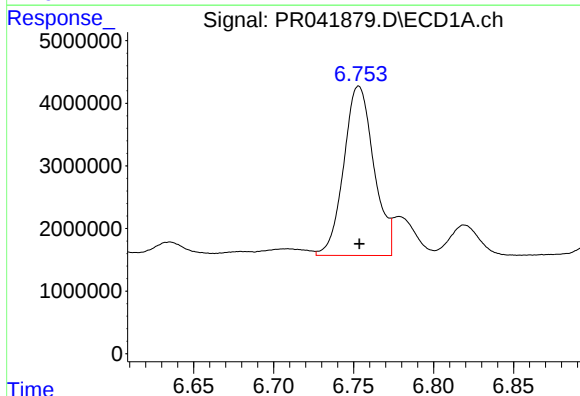
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 6447627
Conc: 44.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



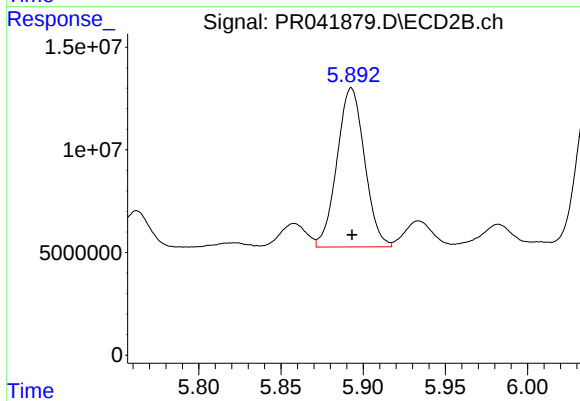
#25 AR-1248-5

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 14996828
Conc: 42.94 ng/ml



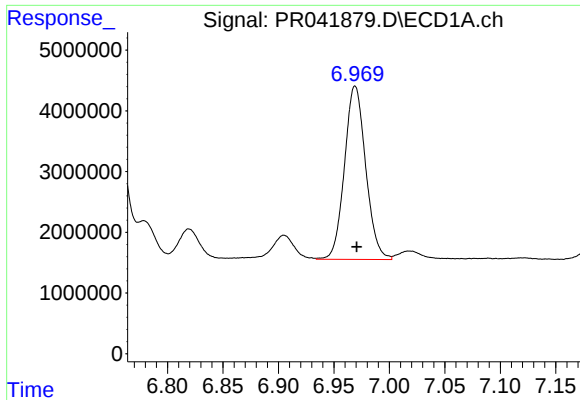
#26 AR-1254-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 35420398
Conc: 216.89 ng/ml



#26 AR-1254-1

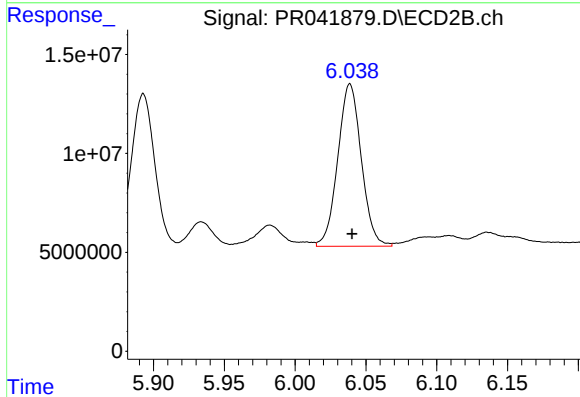
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 90373109
Conc: 170.60 ng/ml



#27 AR-1254-2

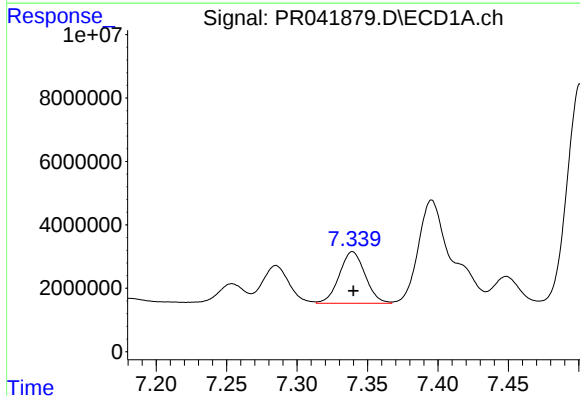
R.T.: 6.969 min
Delta R.T.: -0.001 min
Response: 38034825
Conc: 153.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



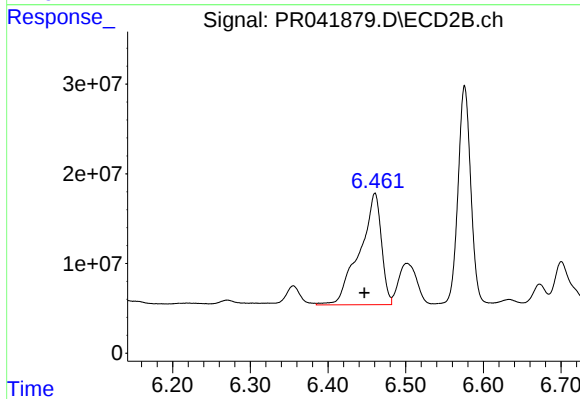
#27 AR-1254-2

R.T.: 6.039 min
Delta R.T.: -0.001 min
Response: 95046364
Conc: 189.58 ng/ml



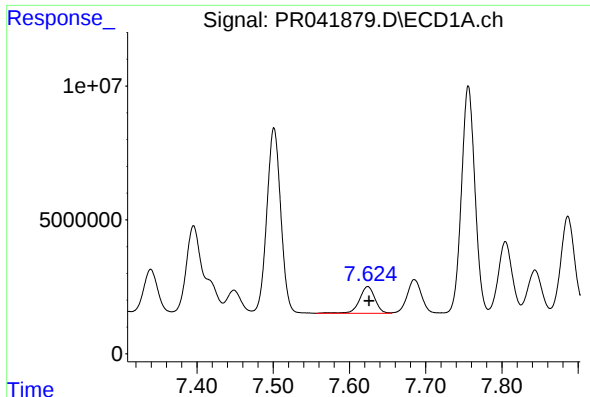
#28 AR-1254-3

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 20782530
Conc: 77.01 ng/ml



#28 AR-1254-3

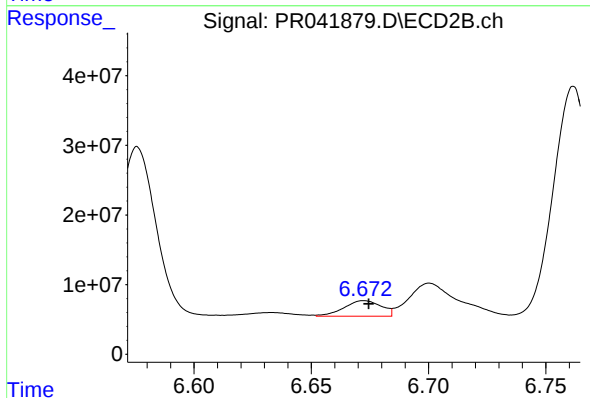
R.T.: 6.460 min
Delta R.T.: 0.014 min
Response: 242335479
Conc: 256.86 ng/ml



#29 AR-1254-4

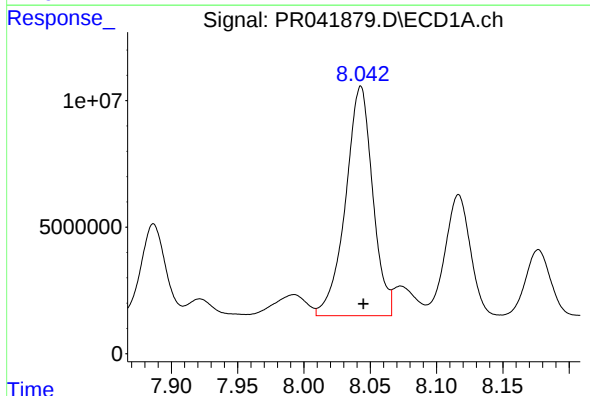
R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 14184639
Conc: 69.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



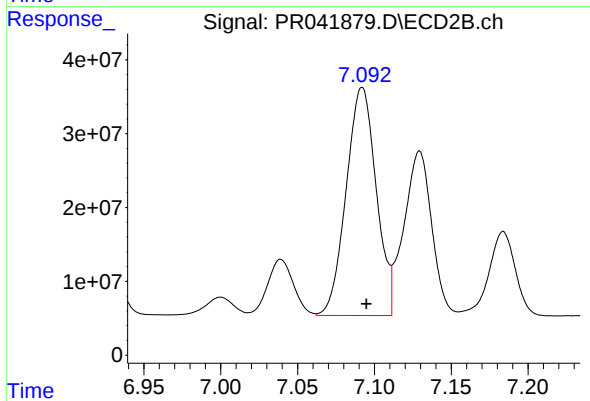
#29 AR-1254-4

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 24845574
Conc: 37.53 ng/ml



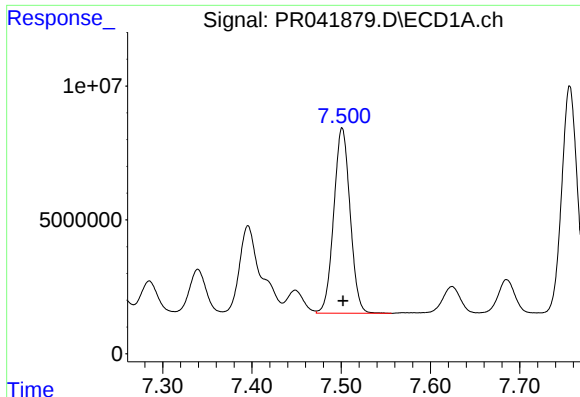
#30 AR-1254-5

R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 129210914
Conc: 607.61 ng/ml



#30 AR-1254-5

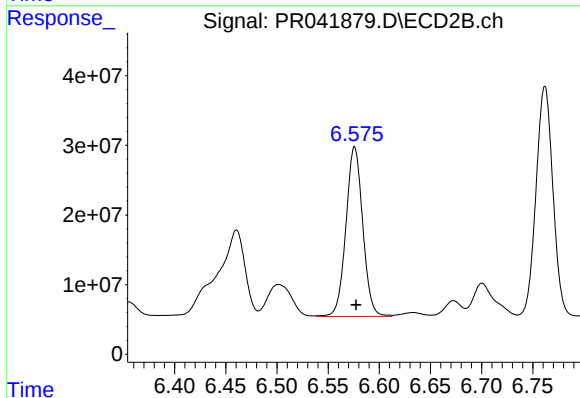
R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 420675113
Conc: 489.93 ng/ml



#31 AR-1260-1

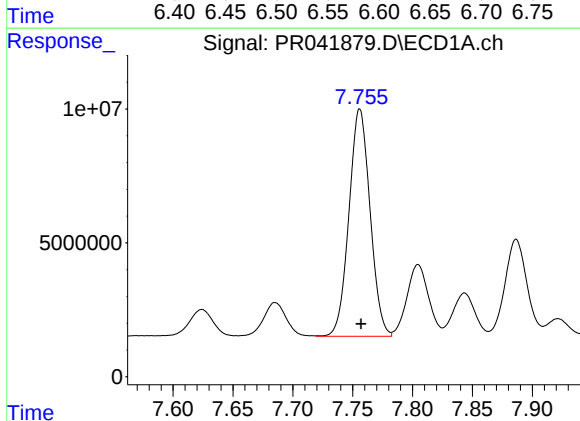
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 87879899
Conc: 463.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



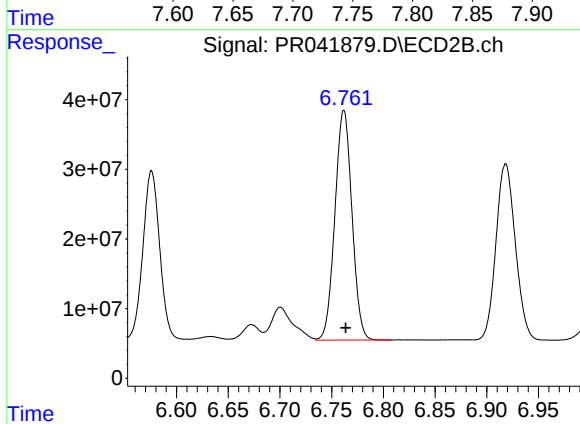
#31 AR-1260-1

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 278418166
Conc: 469.69 ng/ml



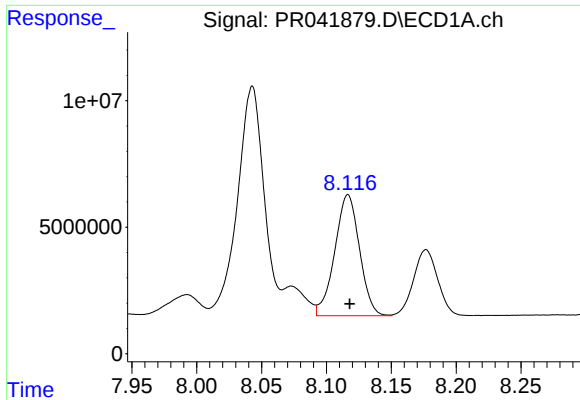
#32 AR-1260-2

R.T.: 7.756 min
Delta R.T.: -0.001 min
Response: 104415490
Conc: 441.76 ng/ml



#32 AR-1260-2

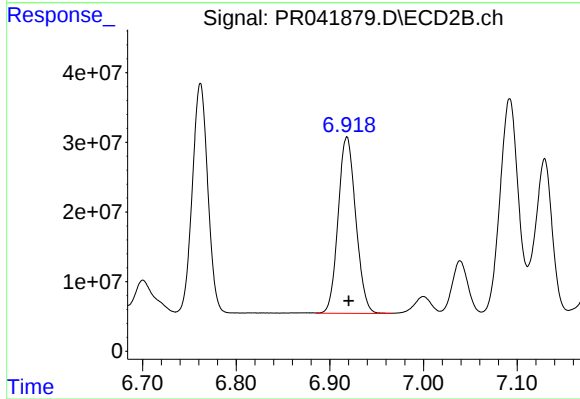
R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 378376529
Conc: 464.11 ng/ml



#33 AR-1260-3

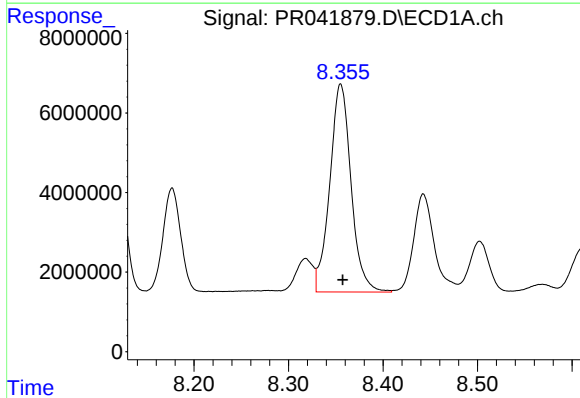
R.T.: 8.117 min
Delta R.T.: -0.001 min
Response: 63580641
Conc: 338.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



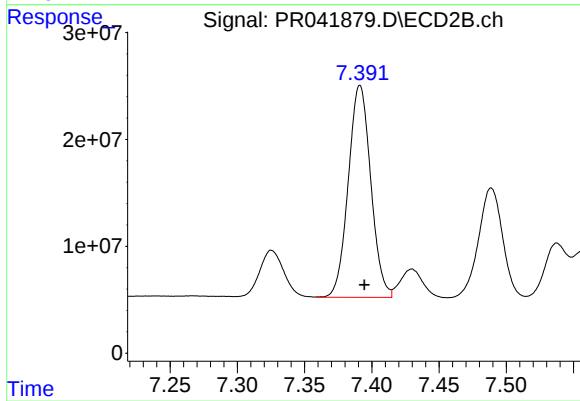
#33 AR-1260-3

R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 331295840
Conc: 479.23 ng/ml



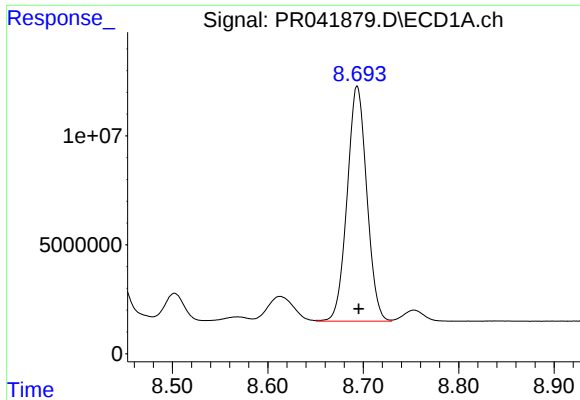
#34 AR-1260-4

R.T.: 8.355 min
Delta R.T.: -0.002 min
Response: 81870726
Conc: 407.38 ng/ml



#34 AR-1260-4

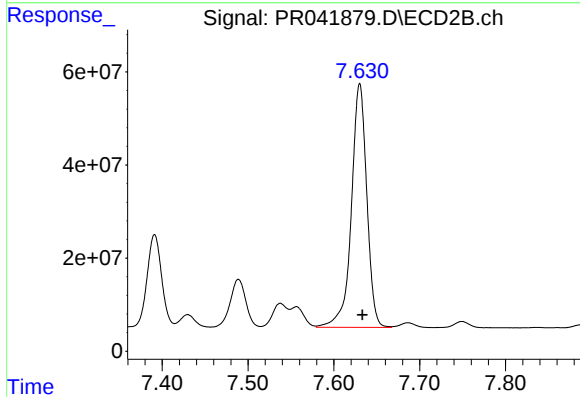
R.T.: 7.391 min
Delta R.T.: -0.003 min
Response: 231086209
Conc: 398.22 ng/ml



#35 AR-1260-5

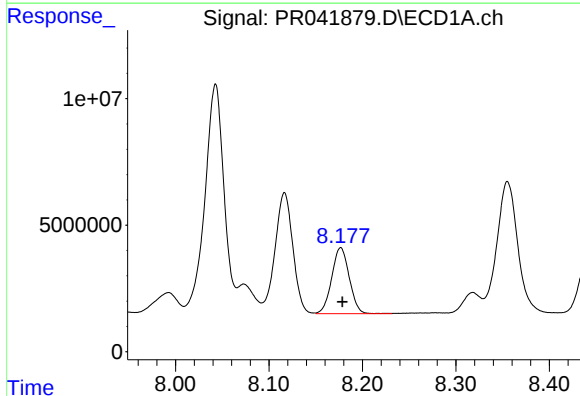
R.T.: 8.694 min
Delta R.T.: -0.002 min
Response: 154406214
Conc: 356.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



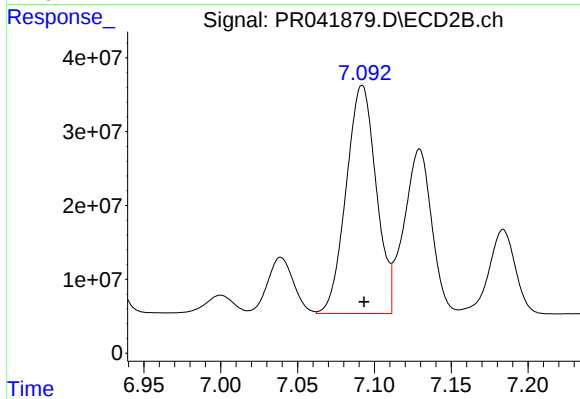
#35 AR-1260-5

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 654115180
Conc: 402.32 ng/ml



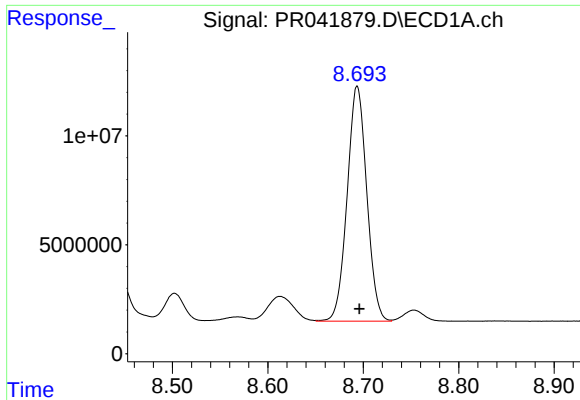
#36 AR-1262-1

R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 34020321
Conc: 361.42 ng/ml



#36 AR-1262-1

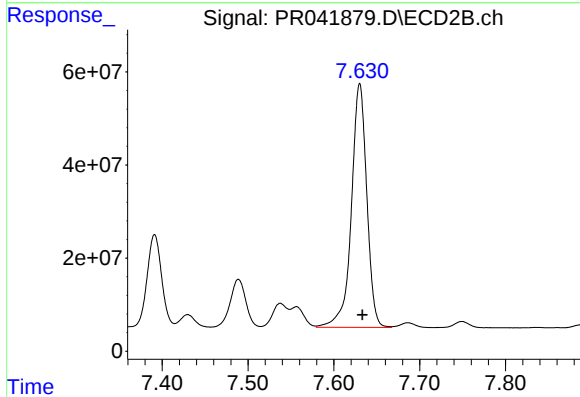
R.T.: 7.092 min
Delta R.T.: -0.001 min
Response: 420675113
Conc: 965.33 ng/ml



#37 AR-1262-2

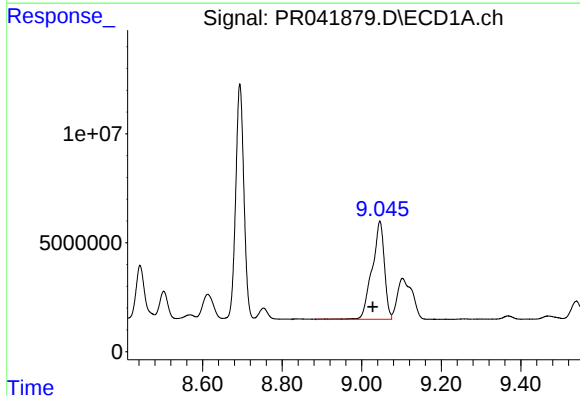
R.T.: 8.694 min
Delta R.T.: -0.002 min
Response: 154406214
Conc: 357.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



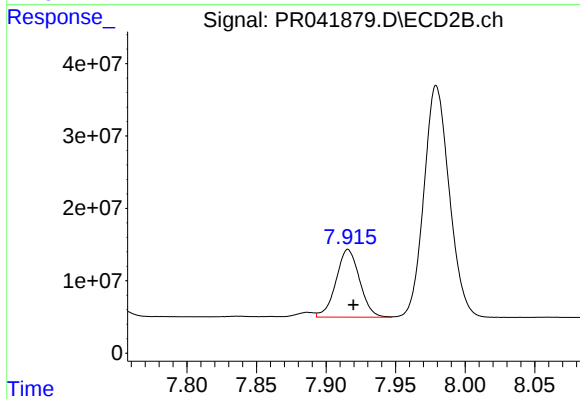
#37 AR-1262-2

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 654115180
Conc: 379.97 ng/ml



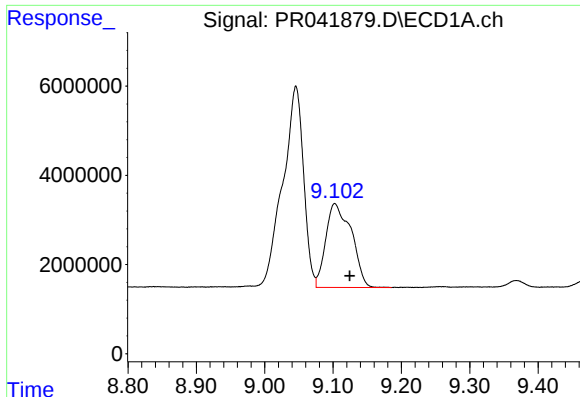
#38 AR-1262-3

R.T.: 9.046 min
Delta R.T.: 0.018 min
Response: 96276613
Conc: 345.39 ng/ml



#38 AR-1262-3

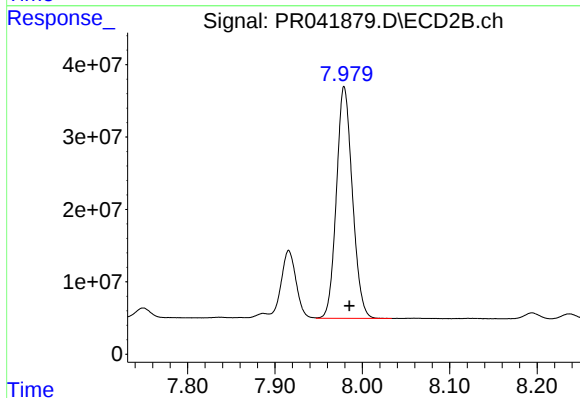
R.T.: 7.916 min
Delta R.T.: -0.004 min
Response: 110374916
Conc: 169.10 ng/ml



#39 AR-1262-4

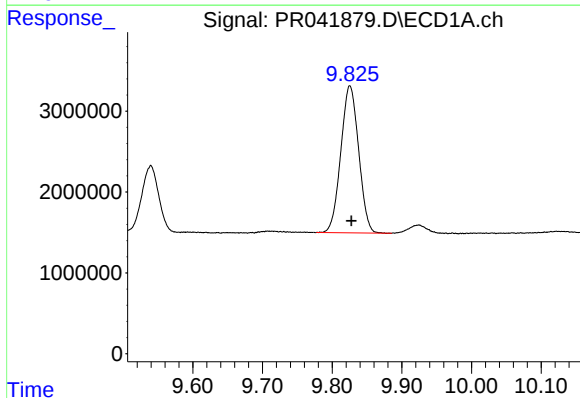
R.T.: 9.103 min
Delta R.T.: -0.022 min
Response: 48956670
Conc: 238.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



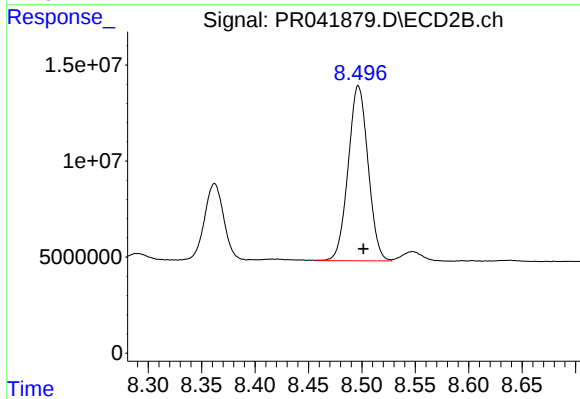
#39 AR-1262-4

R.T.: 7.979 min
Delta R.T.: -0.006 min
Response: 406553112
Conc: 347.91 ng/ml



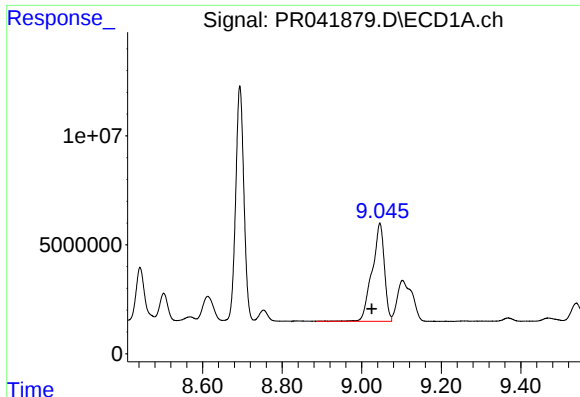
#40 AR-1262-5

R.T.: 9.825 min
Delta R.T.: -0.002 min
Response: 32353360
Conc: 224.29 ng/ml



#40 AR-1262-5

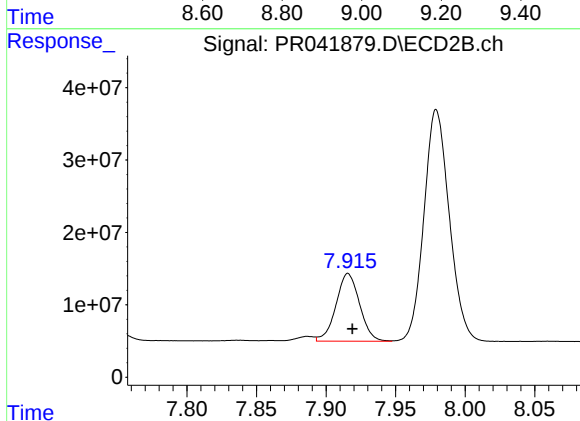
R.T.: 8.497 min
Delta R.T.: -0.005 min
Response: 118066111
Conc: 220.72 ng/ml



#41 AR-1268-1

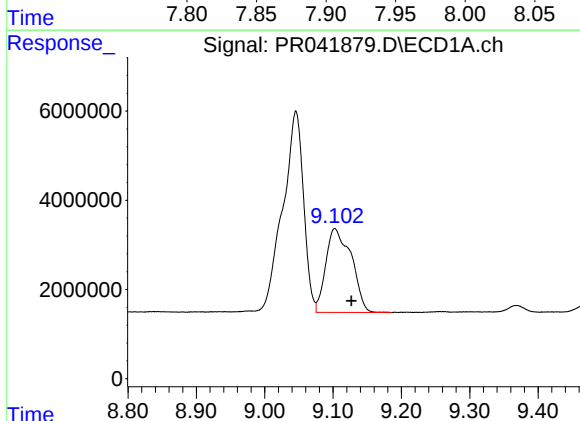
R.T.: 9.046 min
Delta R.T.: 0.021 min
Response: 96276613
Conc: 175.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



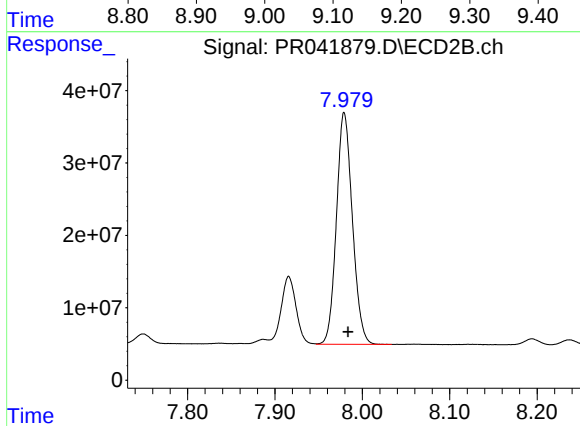
#41 AR-1268-1

R.T.: 7.916 min
Delta R.T.: -0.003 min
Response: 110374916
Conc: 50.34 ng/ml



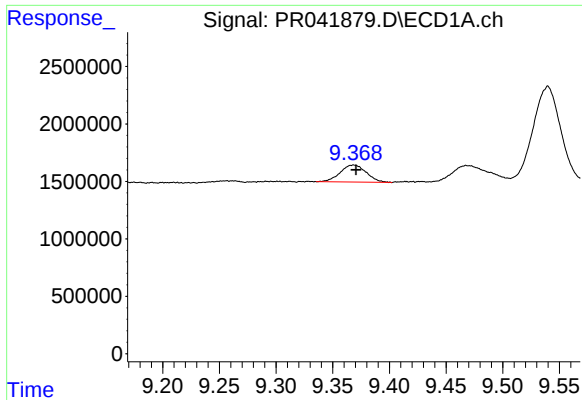
#42 AR-1268-2

R.T.: 9.103 min
Delta R.T.: -0.024 min
Response: 48956670
Conc: 98.47 ng/ml



#42 AR-1268-2

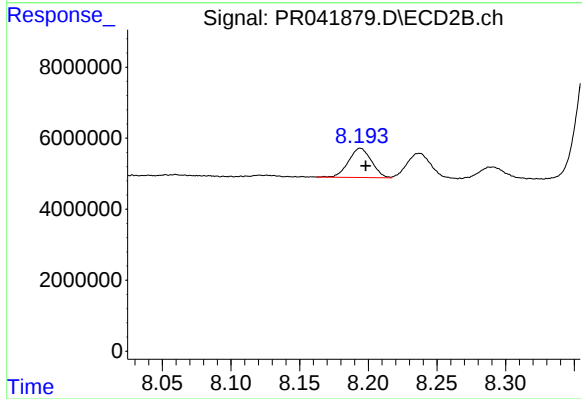
R.T.: 7.979 min
Delta R.T.: -0.004 min
Response: 406553112
Conc: 204.31 ng/ml



#43 AR-1268-3

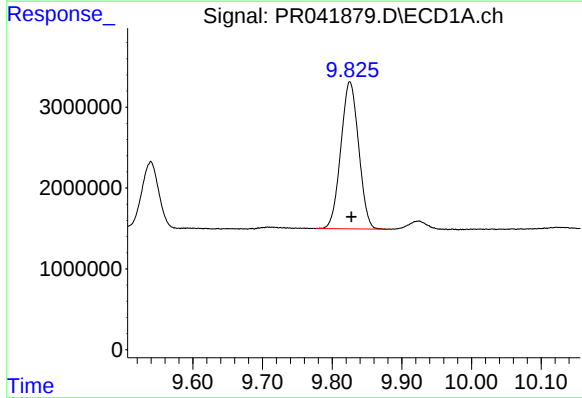
R.T.: 9.368 min
Delta R.T.: -0.002 min
Response: 2373757
Conc: 5.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



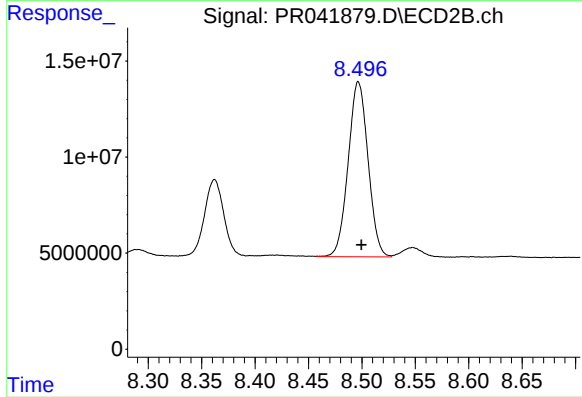
#43 AR-1268-3

R.T.: 8.194 min
Delta R.T.: -0.004 min
Response: 9604831
Conc: 5.73 ng/ml



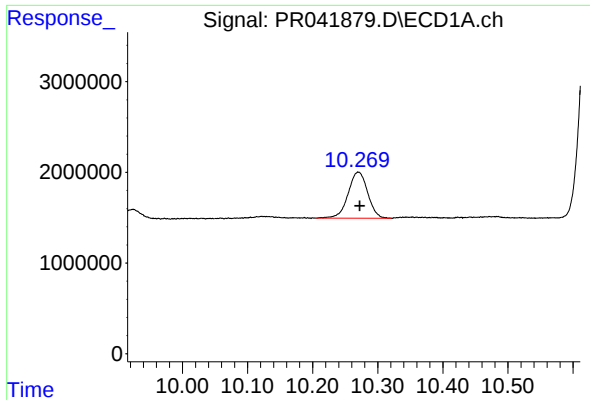
#44 AR-1268-4

R.T.: 9.825 min
Delta R.T.: -0.002 min
Response: 32353360
Conc: 184.40 ng/ml



#44 AR-1268-4

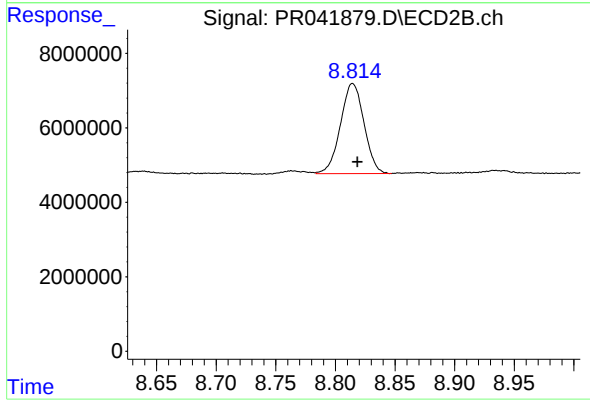
R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 118066111
Conc: 182.95 ng/ml



#45 AR-1268-5

R.T.: 10.270 min
Delta R.T.: -0.002 min
Response: 10626467
Conc: 8.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
JLMH1MSD



#45 AR-1268-5

R.T.: 8.814 min
Delta R.T.: -0.004 min
Response: 33250821
Conc: 7.25 ng/ml