

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030423\
 Data File : PR060036.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2023 15:52
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 21:08:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 28 05:24:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.689	2.905	74173264	100.8E6	22.018	22.225
2)	SA Decachlor...	9.659	8.136	101.6E6	161.7E6	43.117	44.727
Target Compounds							
3)	L1 AR-1016-1	4.923	4.014	42133025	65175332	448.466	474.803
4)	L1 AR-1016-2	4.945	4.032	58745375	92187538	435.482	451.126
5)	L1 AR-1016-3	5.010	4.210	37945279	48107496	434.958	457.812
6)	L1 AR-1016-4	5.113	4.260	30310847	37939017	437.133	441.812
7)	L1 AR-1016-5	5.431	4.476	29462254	48880910	436.603	436.897
8)	L2 AR-1221-1	3.909	3.128	5523052	6395874	136.921	131.117
9)	L2 AR-1221-2	4.002	3.214	6826106	8421592	239.939	244.008
10)	L2 AR-1221-3	4.081	3.290	26782789	34934981	303.132	301.357
11)	L3 AR-1232-1	4.081	3.290	26782789	34934981	357.396	362.312
12)	L3 AR-1232-2	4.635	4.032	32022709	92187538	952.318	1034.584
13)	L3 AR-1232-3	4.945	4.210	58745375	48107496	952.823	1075.234
14)	L3 AR-1232-4	5.113	4.301	30310847	43693321	982.770	1056.542
15)	L3 AR-1232-5	5.217	4.476	24059174	48880910	1033.326	1051.917
16)	L4 AR-1242-1	4.923	4.014	42133025	65175332	536.200	571.036
17)	L4 AR-1242-2	4.945	4.032	58745375	92187538	523.897	550.990
18)	L4 AR-1242-3	5.010	4.210	37945279	48107496	522.355	556.130
19)	L4 AR-1242-4	5.113	4.301	30310847	43693321	526.623	509.784
20)	L4 AR-1242-5	5.908	4.844	7885579	48698999	145.926	471.590 #
21)	L5 AR-1248-1	4.923	4.014	42133025	65175332	695.281	748.801
22)	L5 AR-1248-2	5.217	4.260	24059174	37939017	296.310	293.900
23)	L5 AR-1248-3	5.431	4.301	29462254	43693321	313.656	336.086
24)	L5 AR-1248-4	5.868	4.476	8809447	48880910	91.659	309.769 #
25)	L5 AR-1248-5	5.908	4.886	7885579	12244665	84.983	85.932
26)	L6 AR-1254-1	5.838	4.844	26204549	48698999	261.429	209.407
27)	L6 AR-1254-2	6.078	5.003	21952474	33457817	144.582	166.642
28)	L6 AR-1254-3	6.472	5.440	10172368	68385411	65.463	213.416 #
29)	L6 AR-1254-4	6.785	5.667	5953259	5869419	54.034	32.722 #
30)	L6 AR-1254-5	7.243	6.110	69085318	133.0E6	563.130	481.073
31)	L7 AR-1260-1	6.653	5.561	52543469	104.6E6	427.109	457.296
32)	L7 AR-1260-2	6.937	5.765	60963375	124.2E6	433.933	461.844
33)	L7 AR-1260-3	7.330	5.923	46385169	114.8E6	428.269	453.295
34)	L7 AR-1260-4	7.575	6.428	52548452	95427303	425.986	453.698
35)	L7 AR-1260-5	7.915	6.693	99777298	220.8E6	433.622	464.539
36)	L8 AR-1262-1	7.330	6.154	46385169	100.9E6	302.021	330.197
37)	L8 AR-1262-2	7.915	6.428	99777298	95427303	384.594	351.014
38)	L8 AR-1262-3	8.233	6.996	66997396	46229228	356.686	225.423 #
39)	L8 AR-1262-4	8.312	7.063	17696490	155.4E6	121.986	405.396 #
40)	L8 AR-1262-5	8.946	7.601	30333998	51075471	288.305	301.818
41)	L9 AR-1268-1	8.233	6.996	66997396	46229228	151.512	52.614 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

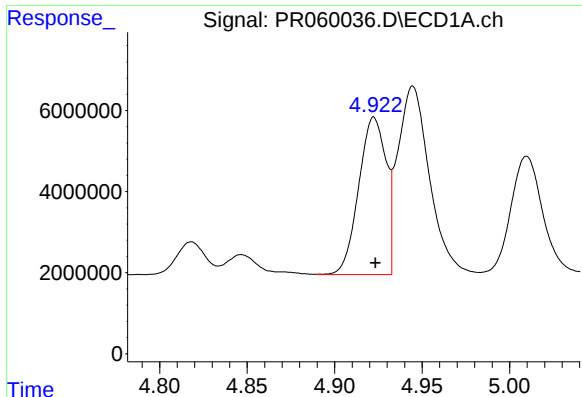
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 21:08:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022823CLP.M
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 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.312	7.063	17696490	155.4E6	44.250	196.996 #
43) L9	AR-1268-3	8.536	7.286	1608278	2781348	4.463	4.004
44) L9	AR-1268-4	8.946	7.601	30333998	51075471	192.348	192.716
45) L9	AR-1268-5	9.341	7.896	8844985	13098067	7.672	6.247

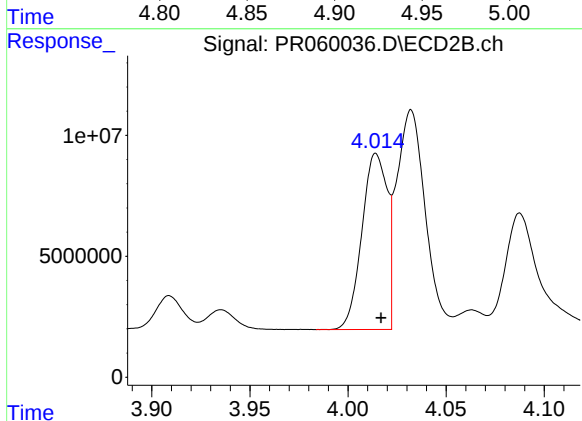
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

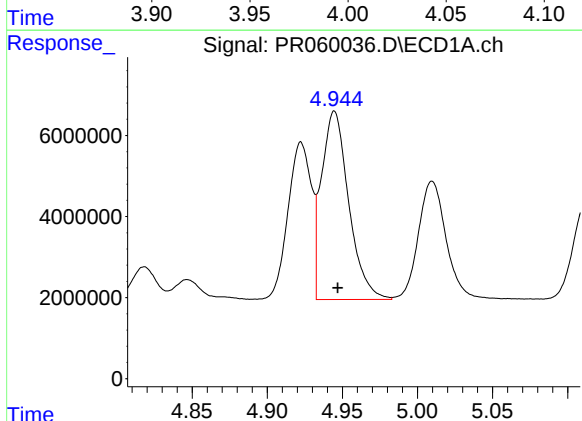
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 42133025
Conc: 448.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



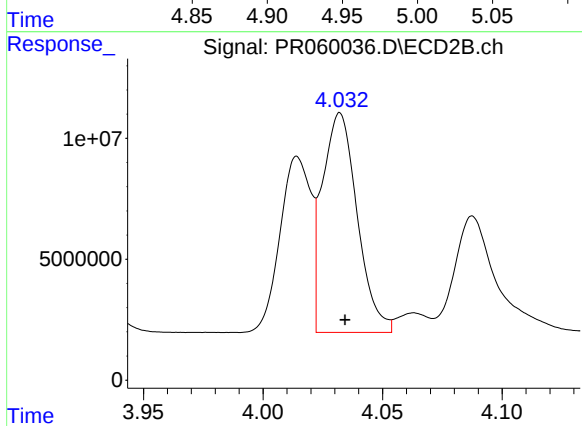
#3 AR-1016-1

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 65175332
Conc: 474.80 ng/ml



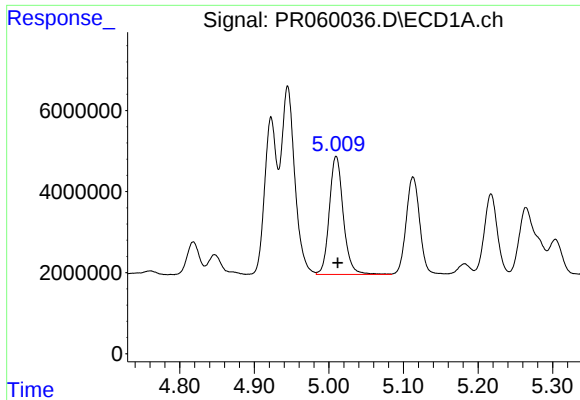
#4 AR-1016-2

R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 58745375
Conc: 435.48 ng/ml



#4 AR-1016-2

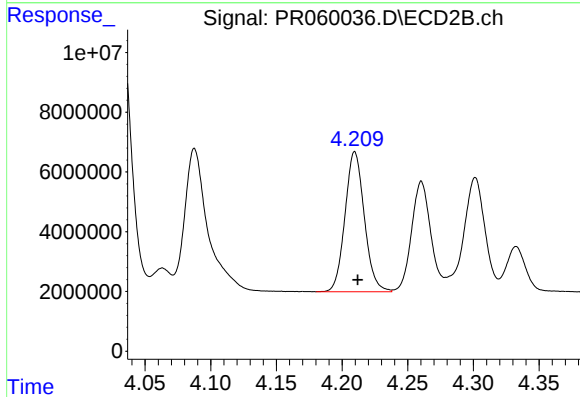
R.T.: 4.032 min
Delta R.T.: -0.002 min
Response: 92187538
Conc: 451.13 ng/ml



#5 AR-1016-3

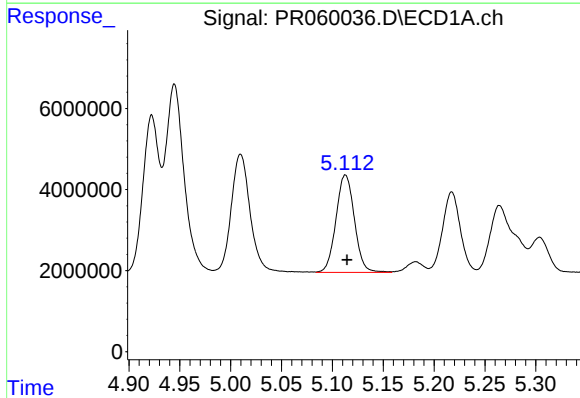
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 37945279
Conc: 434.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



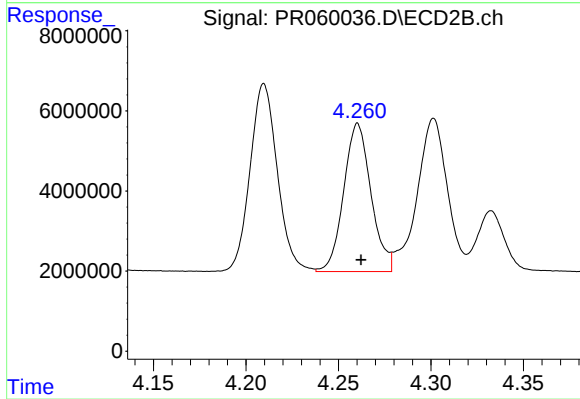
#5 AR-1016-3

R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 48107496
Conc: 457.81 ng/ml



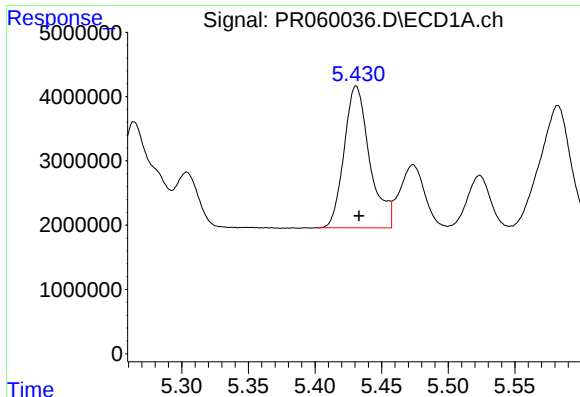
#6 AR-1016-4

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 30310847
Conc: 437.13 ng/ml



#6 AR-1016-4

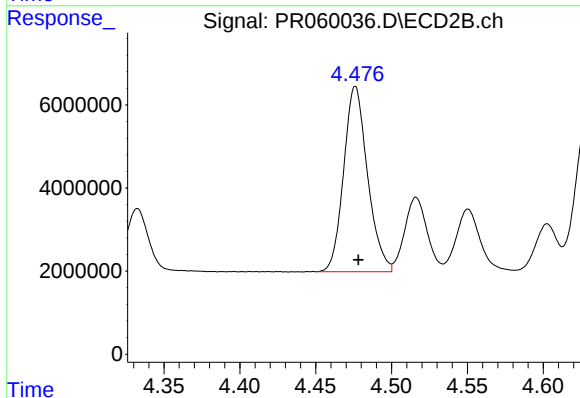
R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 37939017
Conc: 441.81 ng/ml



#7 AR-1016-5

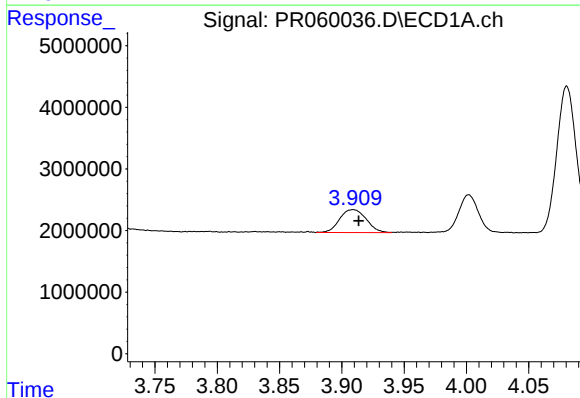
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 29462254
Conc: 436.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



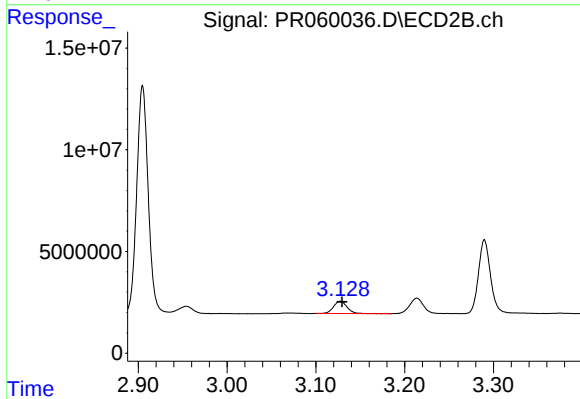
#7 AR-1016-5

R.T.: 4.476 min
Delta R.T.: -0.002 min
Response: 48880910
Conc: 436.90 ng/ml



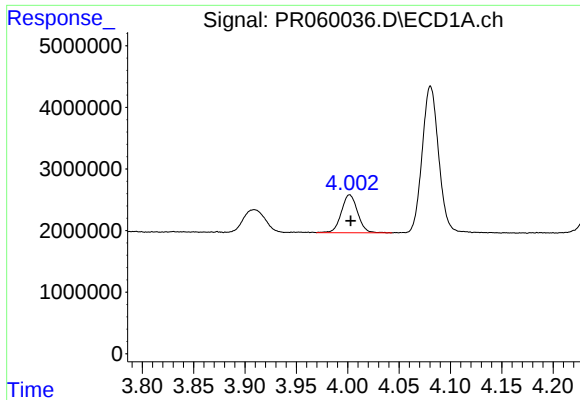
#8 AR-1221-1

R.T.: 3.909 min
Delta R.T.: -0.005 min
Response: 5523052
Conc: 136.92 ng/ml



#8 AR-1221-1

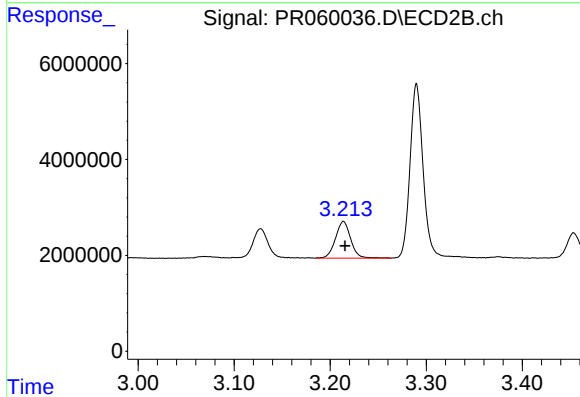
R.T.: 3.128 min
Delta R.T.: -0.002 min
Response: 6395874
Conc: 131.12 ng/ml



#9 AR-1221-2

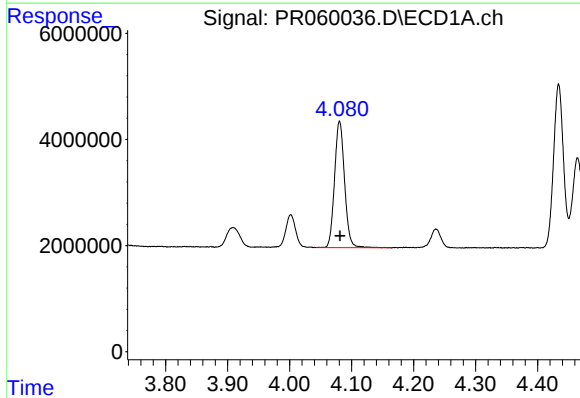
R.T.: 4.002 min
Delta R.T.: -0.001 min
Response: 6826106
Conc: 239.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



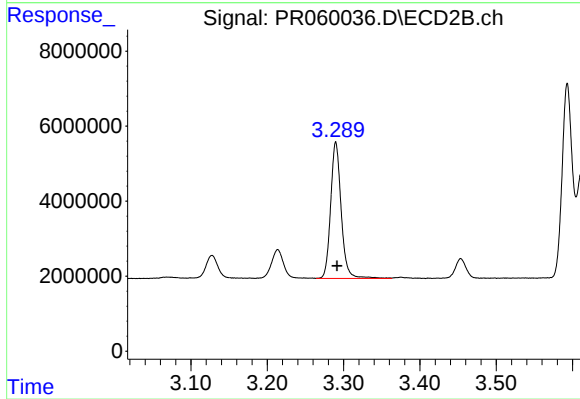
#9 AR-1221-2

R.T.: 3.214 min
Delta R.T.: -0.002 min
Response: 8421592
Conc: 244.01 ng/ml



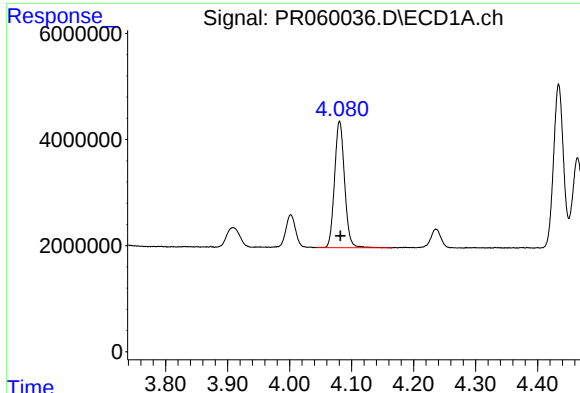
#10 AR-1221-3

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 26782789
Conc: 303.13 ng/ml



#10 AR-1221-3

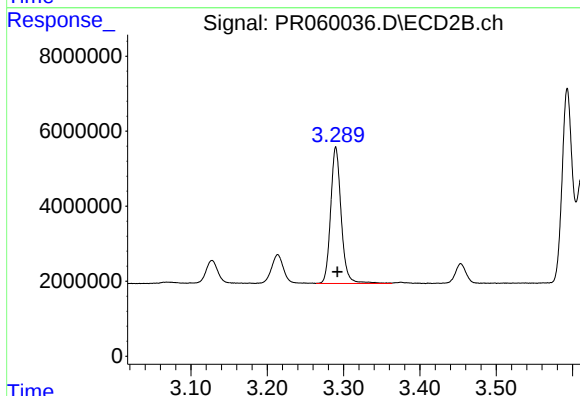
R.T.: 3.290 min
Delta R.T.: -0.002 min
Response: 34934981
Conc: 301.36 ng/ml



#11 AR-1232-1

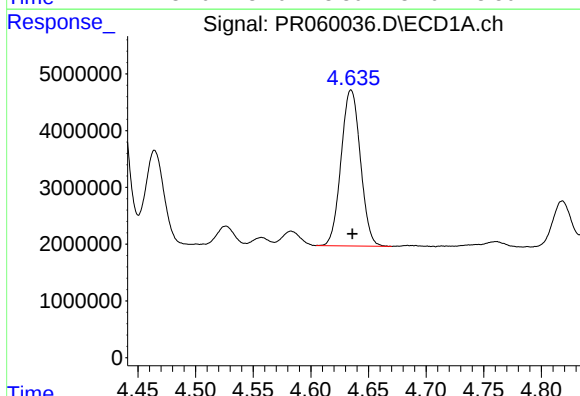
R.T.: 4.081 min
Delta R.T.: -0.001 min
Response: 26782789
Conc: 357.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



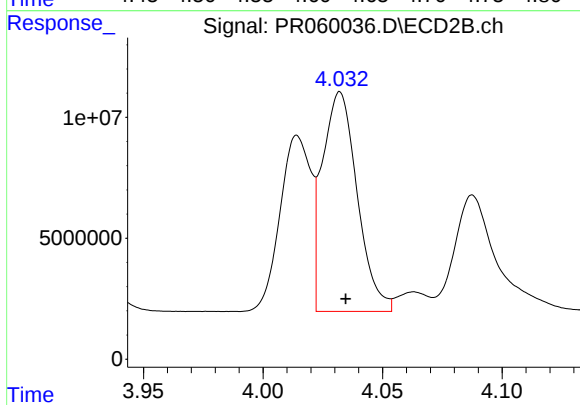
#11 AR-1232-1

R.T.: 3.290 min
Delta R.T.: -0.002 min
Response: 34934981
Conc: 362.31 ng/ml



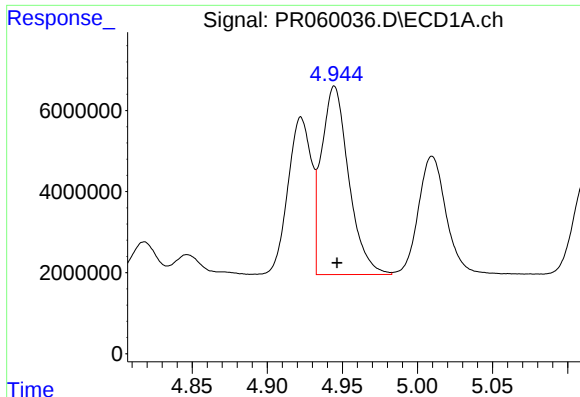
#12 AR-1232-2

R.T.: 4.635 min
Delta R.T.: -0.001 min
Response: 32022709
Conc: 952.32 ng/ml



#12 AR-1232-2

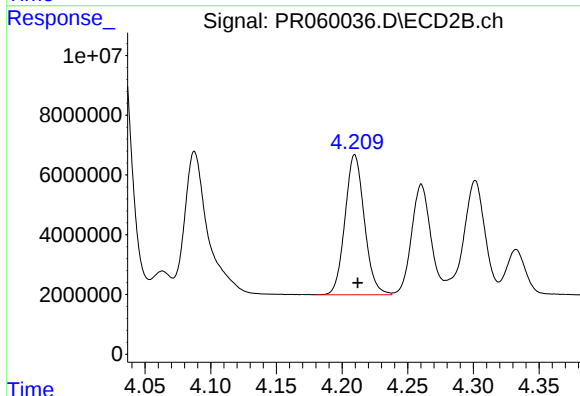
R.T.: 4.032 min
Delta R.T.: -0.002 min
Response: 92187538
Conc: 1034.58 ng/ml



#13 AR-1232-3

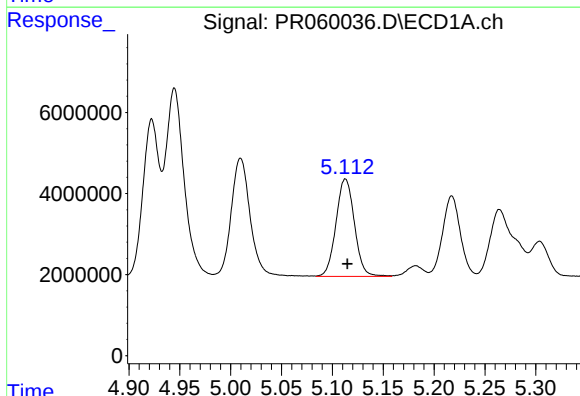
R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 58745375
Conc: 952.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



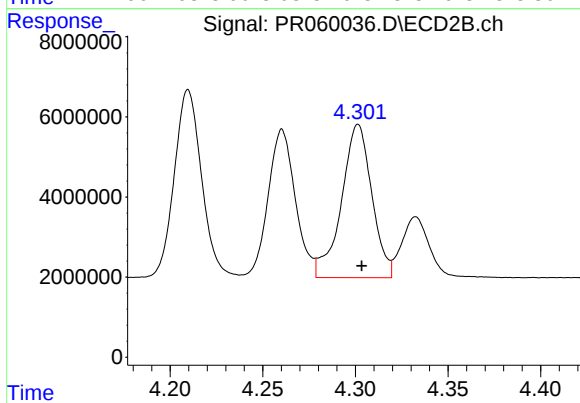
#13 AR-1232-3

R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 48107496
Conc: 1075.23 ng/ml



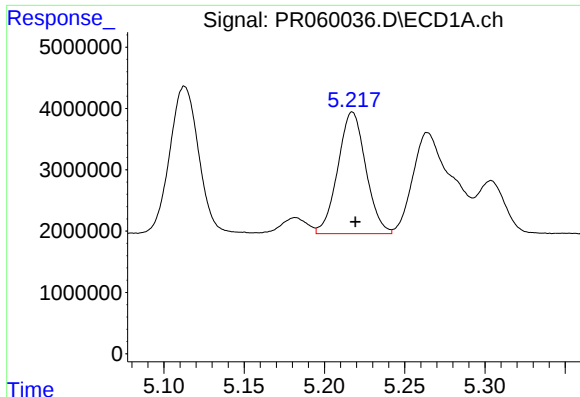
#14 AR-1232-4

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 30310847
Conc: 982.77 ng/ml



#14 AR-1232-4

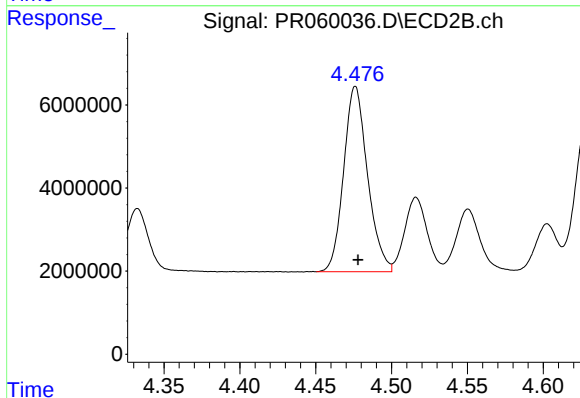
R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 43693321
Conc: 1056.54 ng/ml



#15 AR-1232-5

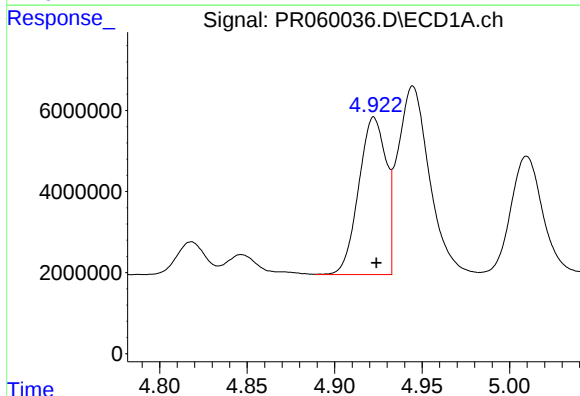
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 24059174
Conc: 1033.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



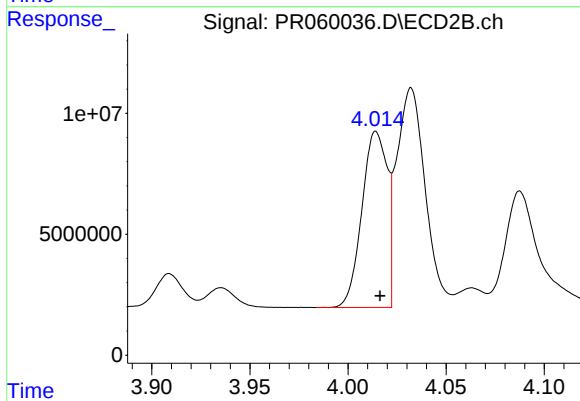
#15 AR-1232-5

R.T.: 4.476 min
Delta R.T.: -0.002 min
Response: 48880910
Conc: 1051.92 ng/ml



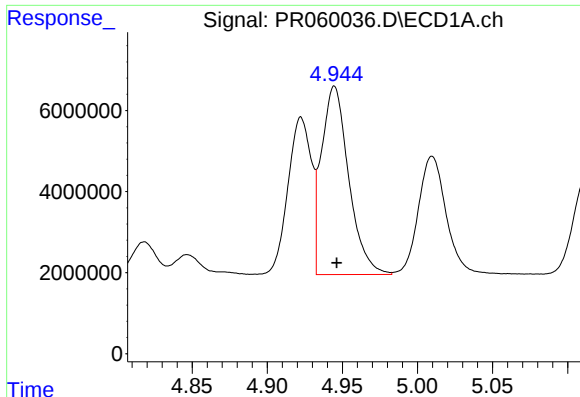
#16 AR-1242-1

R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 42133025
Conc: 536.20 ng/ml



#16 AR-1242-1

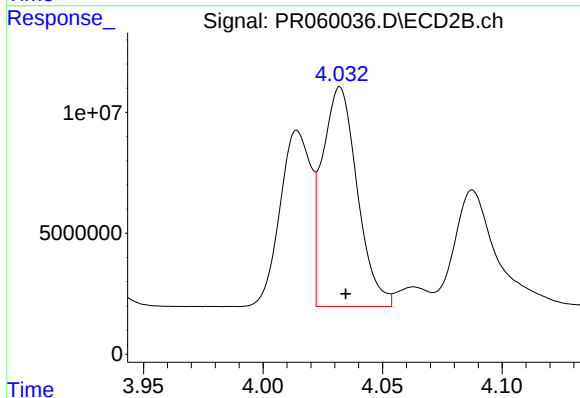
R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 65175332
Conc: 571.04 ng/ml



#17 AR-1242-2

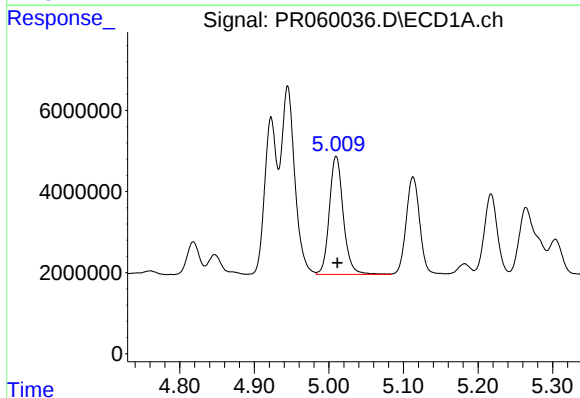
R.T.: 4.945 min
Delta R.T.: -0.001 min
Response: 58745375
Conc: 523.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



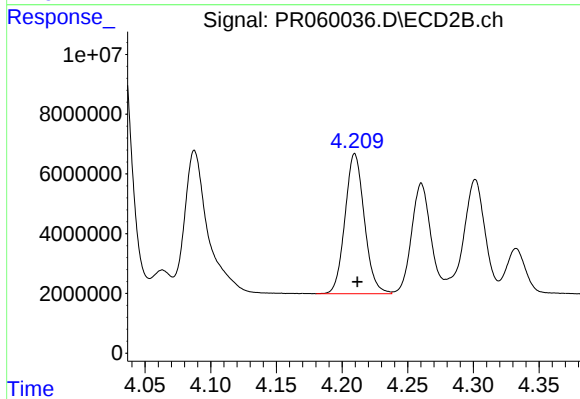
#17 AR-1242-2

R.T.: 4.032 min
Delta R.T.: -0.002 min
Response: 92187538
Conc: 550.99 ng/ml



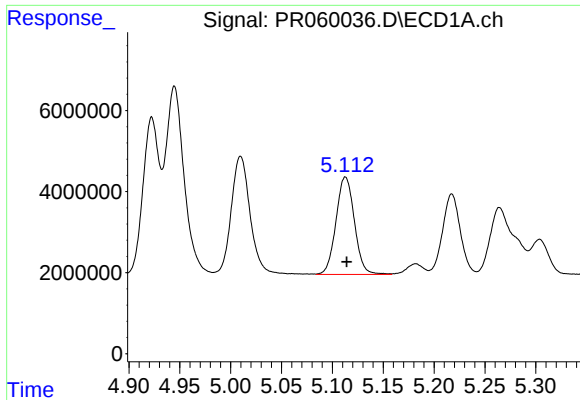
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 37945279
Conc: 522.36 ng/ml



#18 AR-1242-3

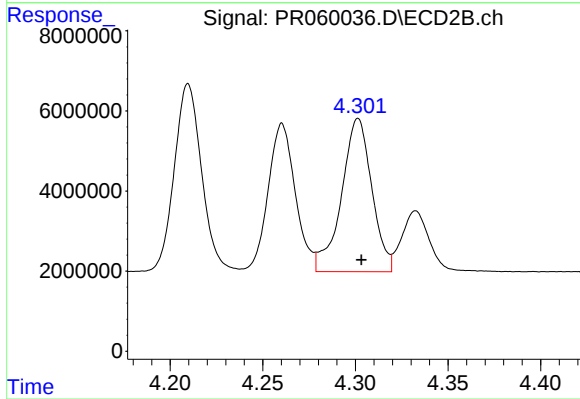
R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 48107496
Conc: 556.13 ng/ml



#19 AR-1242-4

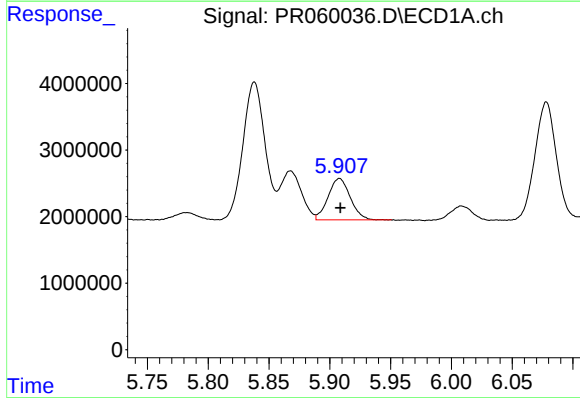
R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 30310847
Conc: 526.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



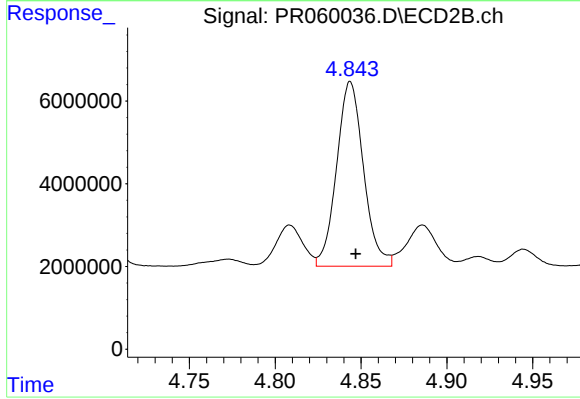
#19 AR-1242-4

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 43693321
Conc: 509.78 ng/ml



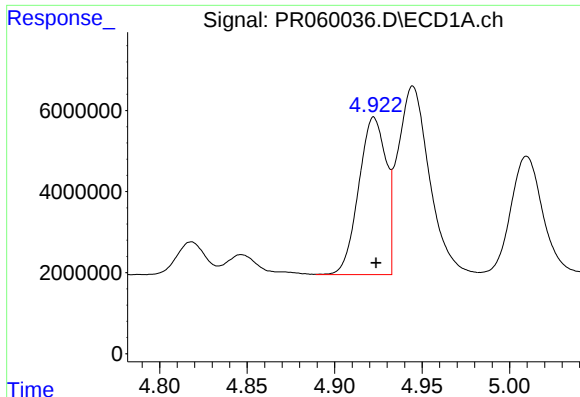
#20 AR-1242-5

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 7885579
Conc: 145.93 ng/ml



#20 AR-1242-5

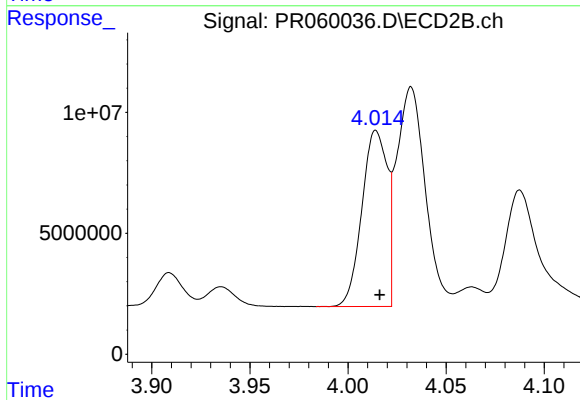
R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 48698999
Conc: 471.59 ng/ml



#21 AR-1248-1

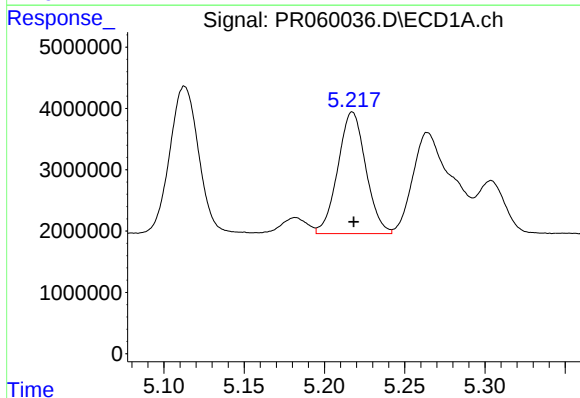
R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 42133025
Conc: 695.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



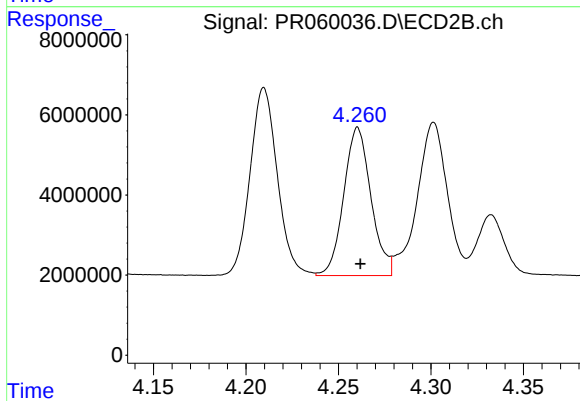
#21 AR-1248-1

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 65175332
Conc: 748.80 ng/ml



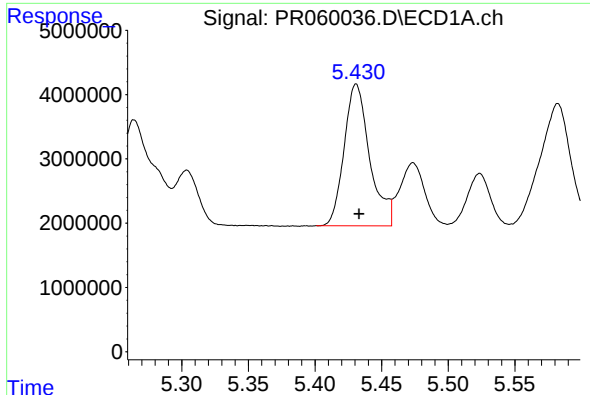
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 24059174
Conc: 296.31 ng/ml



#22 AR-1248-2

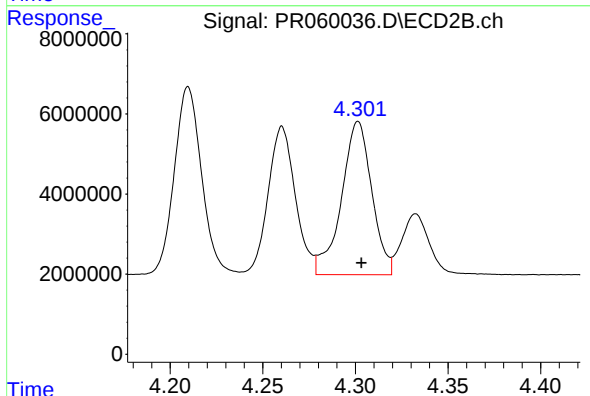
R.T.: 4.260 min
Delta R.T.: -0.001 min
Response: 37939017
Conc: 293.90 ng/ml



#23 AR-1248-3

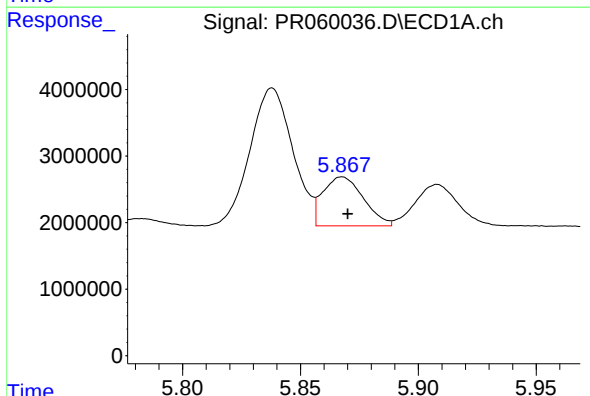
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 29462254
Conc: 313.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



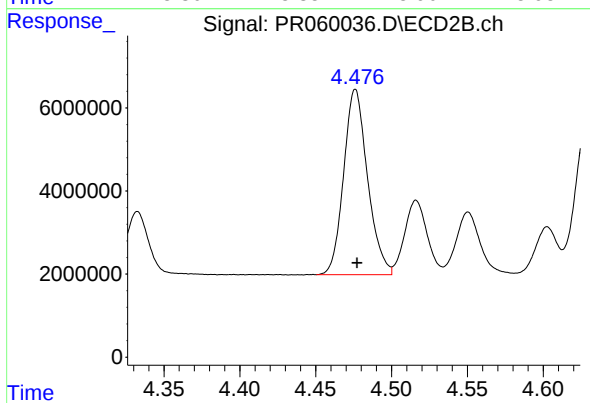
#23 AR-1248-3

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 43693321
Conc: 336.09 ng/ml



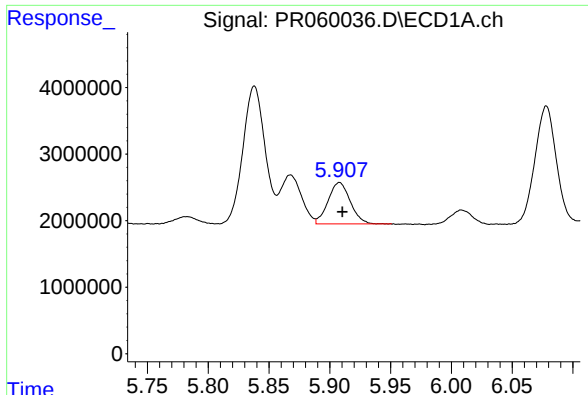
#24 AR-1248-4

R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 8809447
Conc: 91.66 ng/ml



#24 AR-1248-4

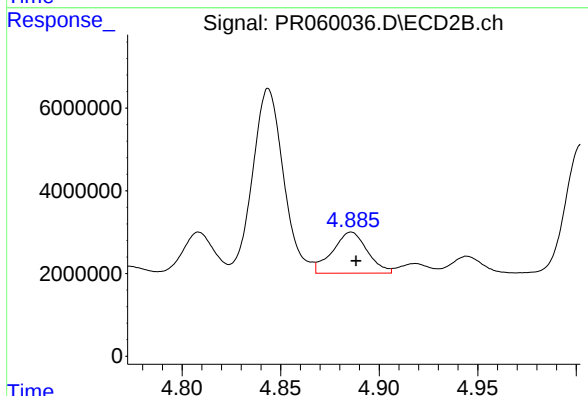
R.T.: 4.476 min
Delta R.T.: -0.001 min
Response: 48880910
Conc: 309.77 ng/ml



#25 AR-1248-5

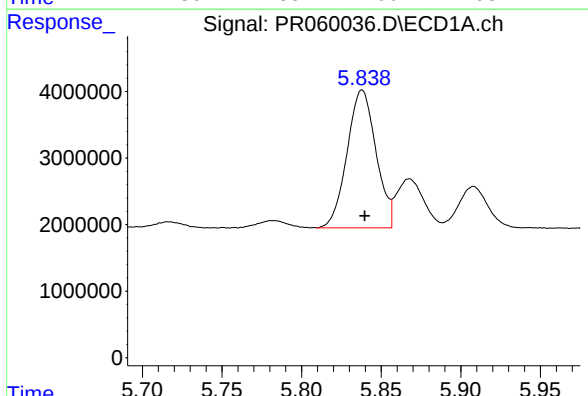
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 7885579
Conc: 84.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



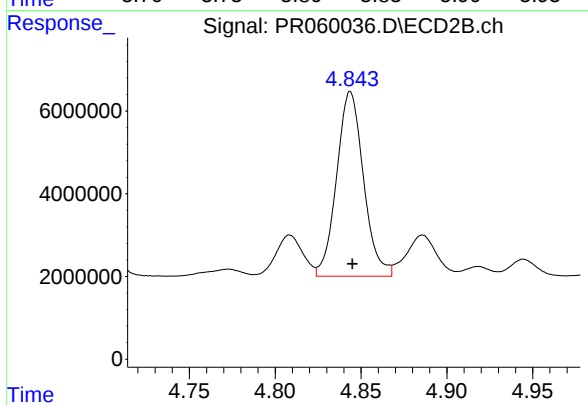
#25 AR-1248-5

R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 12244665
Conc: 85.93 ng/ml



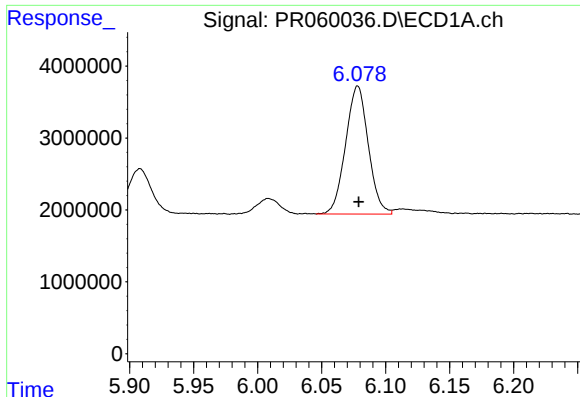
#26 AR-1254-1

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 26204549
Conc: 261.43 ng/ml



#26 AR-1254-1

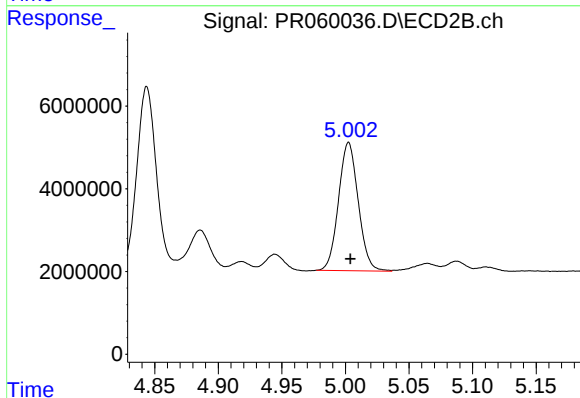
R.T.: 4.844 min
Delta R.T.: -0.001 min
Response: 48698999
Conc: 209.41 ng/ml



#27 AR-1254-2

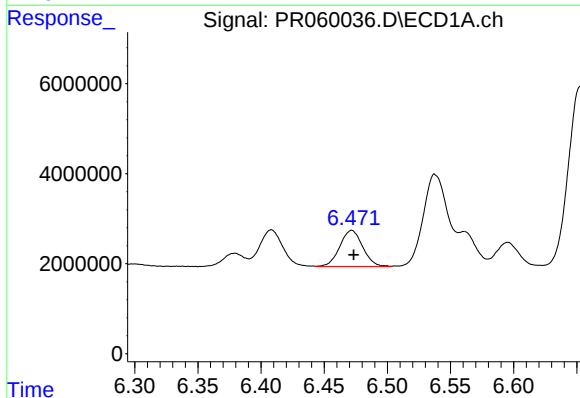
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 21952474
Conc: 144.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



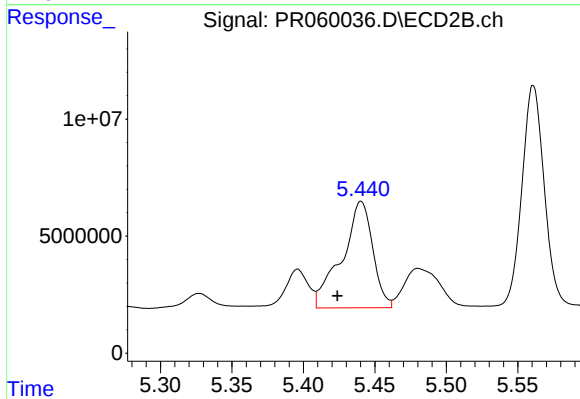
#27 AR-1254-2

R.T.: 5.003 min
Delta R.T.: -0.001 min
Response: 33457817
Conc: 166.64 ng/ml



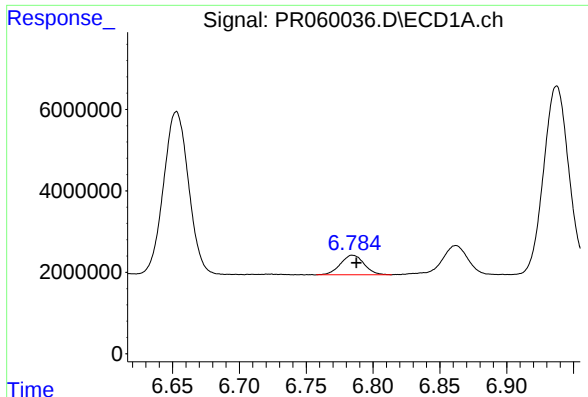
#28 AR-1254-3

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 10172368
Conc: 65.46 ng/ml



#28 AR-1254-3

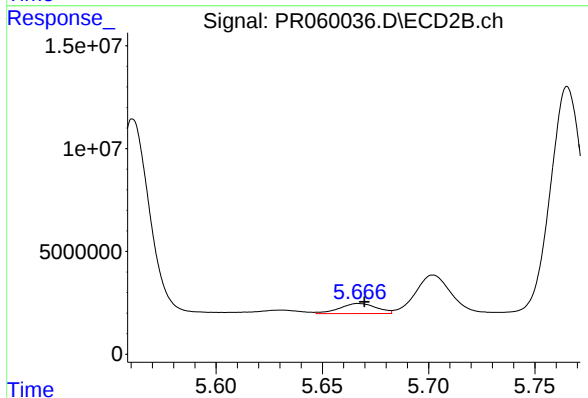
R.T.: 5.440 min
Delta R.T.: 0.016 min
Response: 68385411
Conc: 213.42 ng/ml



#29 AR-1254-4

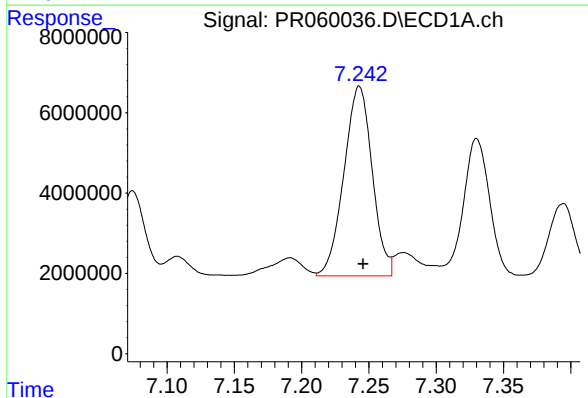
R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 5953259
Conc: 54.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



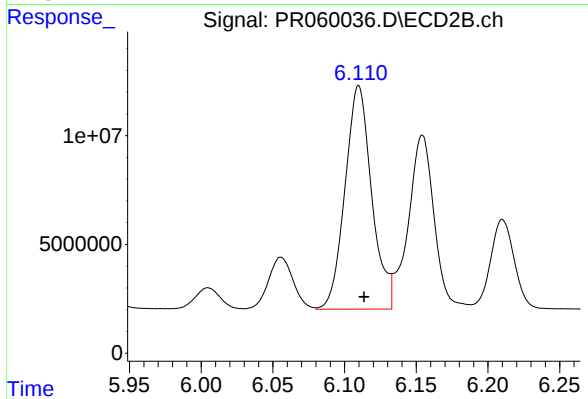
#29 AR-1254-4

R.T.: 5.667 min
Delta R.T.: -0.003 min
Response: 5869419
Conc: 32.72 ng/ml



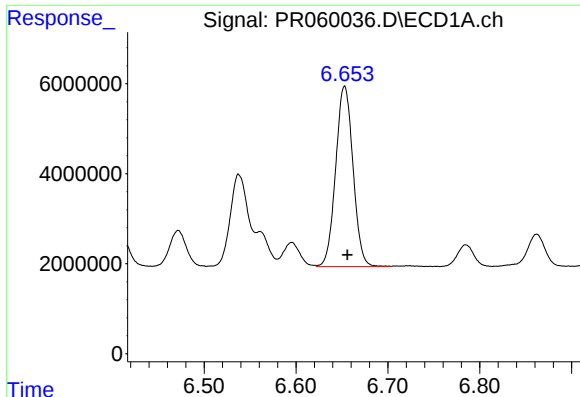
#30 AR-1254-5

R.T.: 7.243 min
Delta R.T.: -0.003 min
Response: 69085318
Conc: 563.13 ng/ml



#30 AR-1254-5

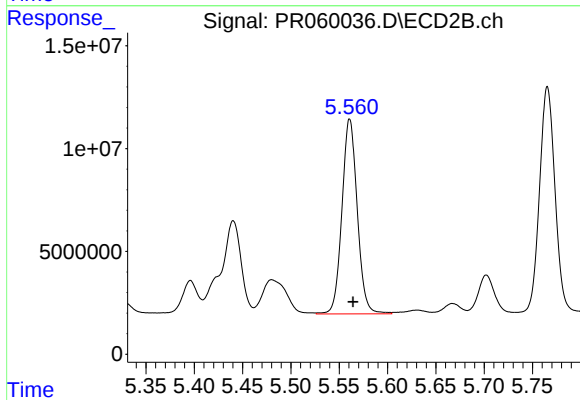
R.T.: 6.110 min
Delta R.T.: -0.004 min
Response: 133029883
Conc: 481.07 ng/ml



#31 AR-1260-1

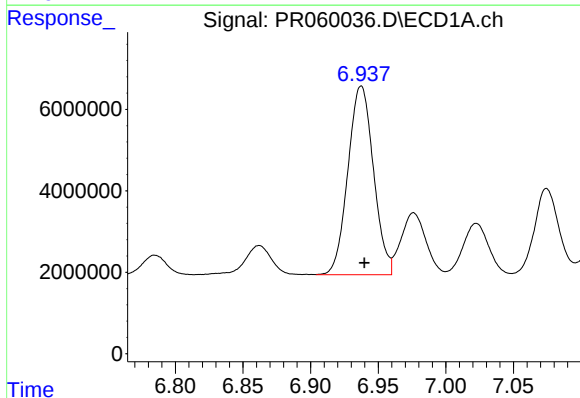
R.T.: 6.653 min
Delta R.T.: -0.003 min
Response: 52543469
Conc: 427.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



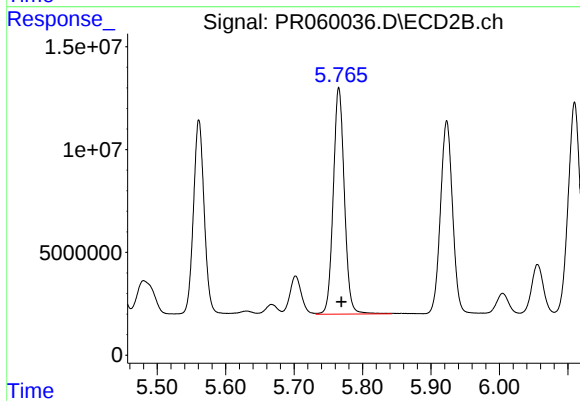
#31 AR-1260-1

R.T.: 5.561 min
Delta R.T.: -0.003 min
Response: 104581717
Conc: 457.30 ng/ml



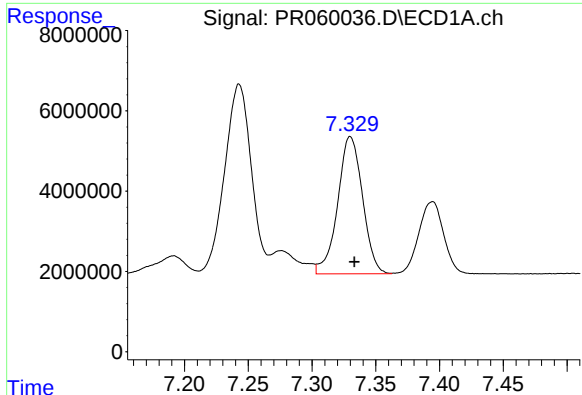
#32 AR-1260-2

R.T.: 6.937 min
Delta R.T.: -0.002 min
Response: 60963375
Conc: 433.93 ng/ml



#32 AR-1260-2

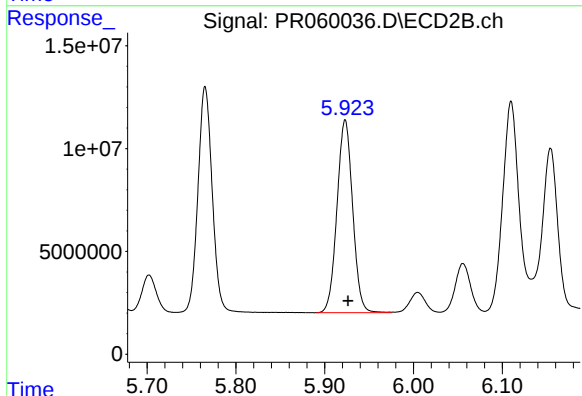
R.T.: 5.765 min
Delta R.T.: -0.004 min
Response: 124231492
Conc: 461.84 ng/ml



#33 AR-1260-3

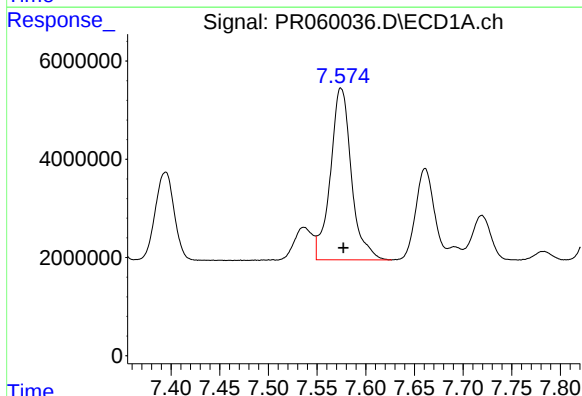
R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 46385169
Conc: 428.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



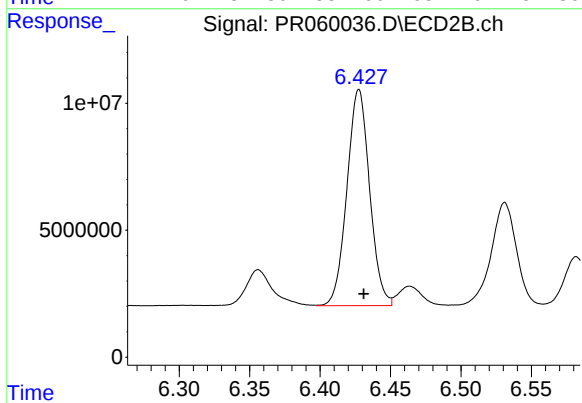
#33 AR-1260-3

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 114824434
Conc: 453.29 ng/ml



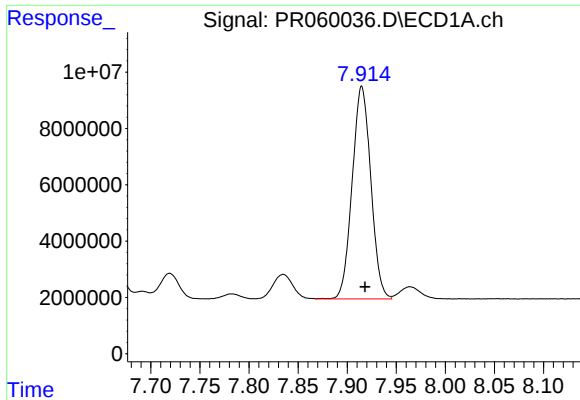
#34 AR-1260-4

R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 52548452
Conc: 425.99 ng/ml



#34 AR-1260-4

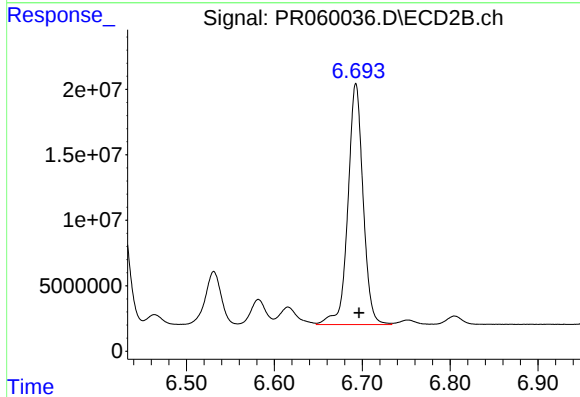
R.T.: 6.428 min
Delta R.T.: -0.003 min
Response: 95427303
Conc: 453.70 ng/ml



#35 AR-1260-5

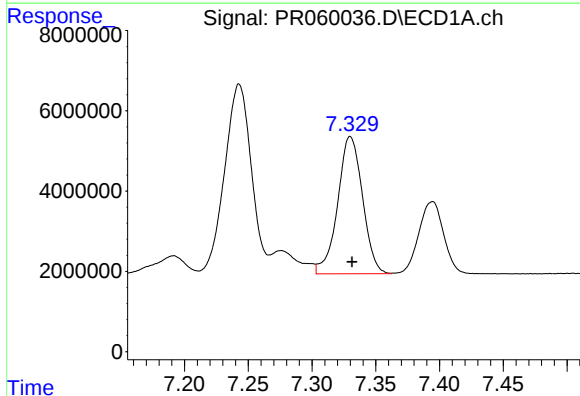
R.T.: 7.915 min
Delta R.T.: -0.003 min
Response: 99777298
Conc: 433.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



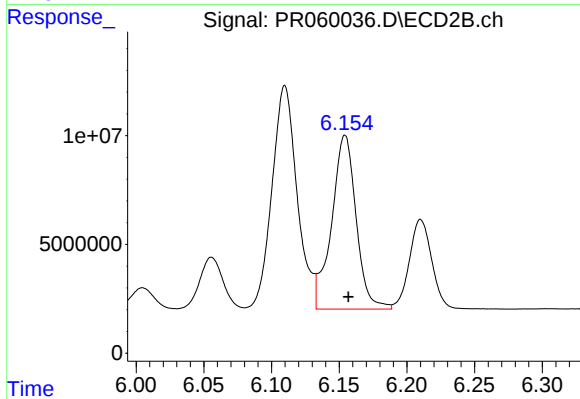
#35 AR-1260-5

R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 220798609
Conc: 464.54 ng/ml



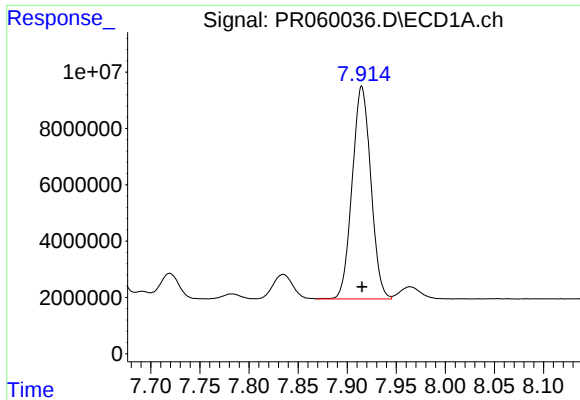
#36 AR-1262-1

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 46385169
Conc: 302.02 ng/ml



#36 AR-1262-1

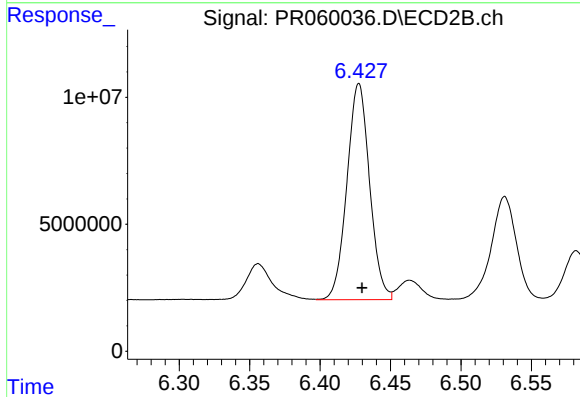
R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 100913829
Conc: 330.20 ng/ml



#37 AR-1262-2

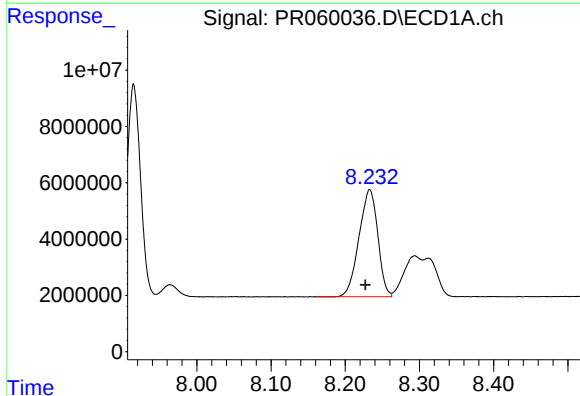
R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 99777298
Conc: 384.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



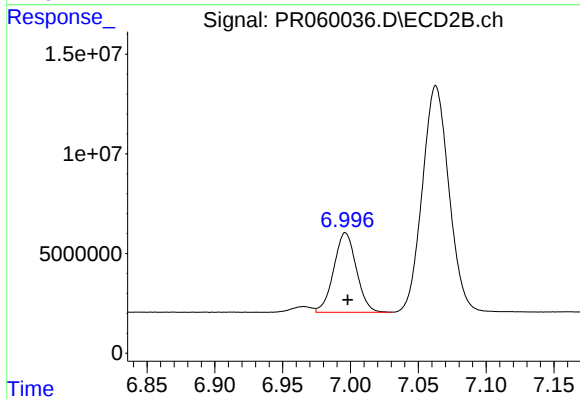
#37 AR-1262-2

R.T.: 6.428 min
Delta R.T.: -0.002 min
Response: 95427303
Conc: 351.01 ng/ml



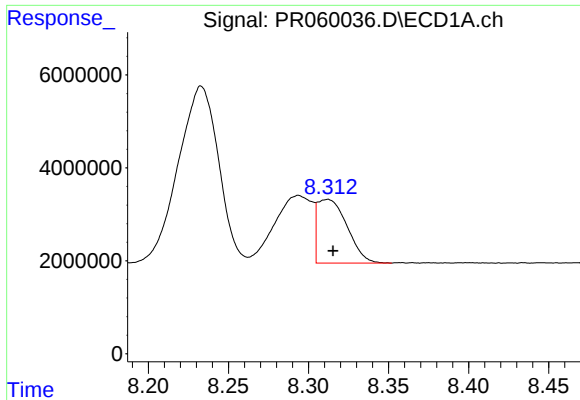
#38 AR-1262-3

R.T.: 8.233 min
Delta R.T.: 0.006 min
Response: 66997396
Conc: 356.69 ng/ml



#38 AR-1262-3

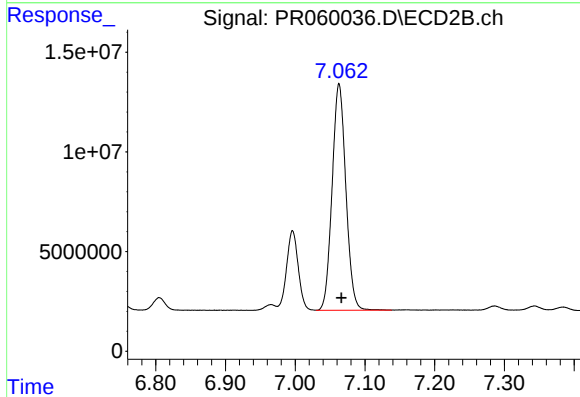
R.T.: 6.996 min
Delta R.T.: -0.002 min
Response: 46229228
Conc: 225.42 ng/ml



#39 AR-1262-4

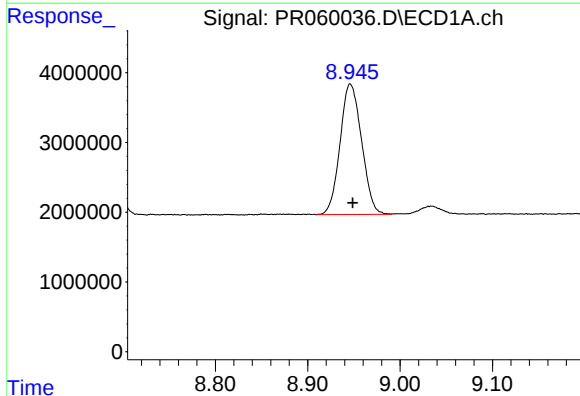
R.T.: 8.312 min
Delta R.T.: -0.003 min
Response: 17696490
Conc: 121.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



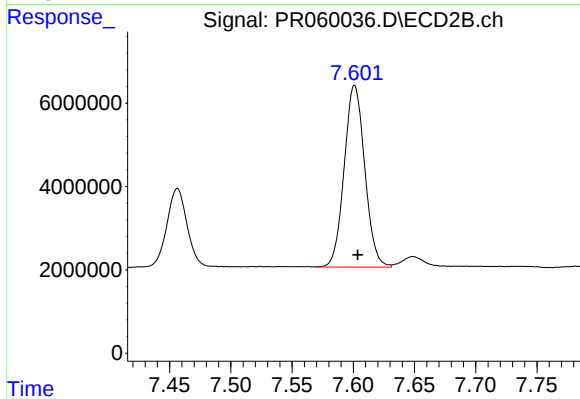
#39 AR-1262-4

R.T.: 7.063 min
Delta R.T.: -0.004 min
Response: 155378517
Conc: 405.40 ng/ml



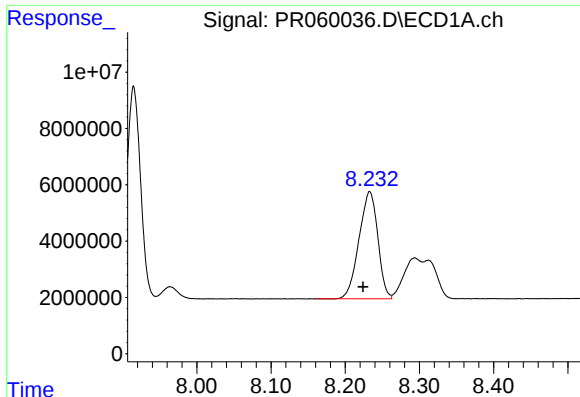
#40 AR-1262-5

R.T.: 8.946 min
Delta R.T.: -0.003 min
Response: 30333998
Conc: 288.31 ng/ml



#40 AR-1262-5

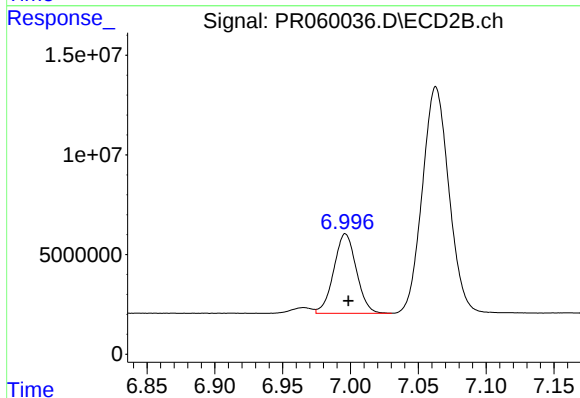
R.T.: 7.601 min
Delta R.T.: -0.003 min
Response: 51075471
Conc: 301.82 ng/ml



#41 AR-1268-1

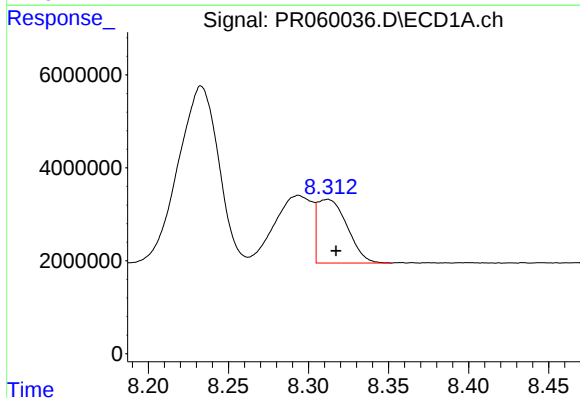
R.T.: 8.233 min
Delta R.T.: 0.009 min
Response: 66997396
Conc: 151.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



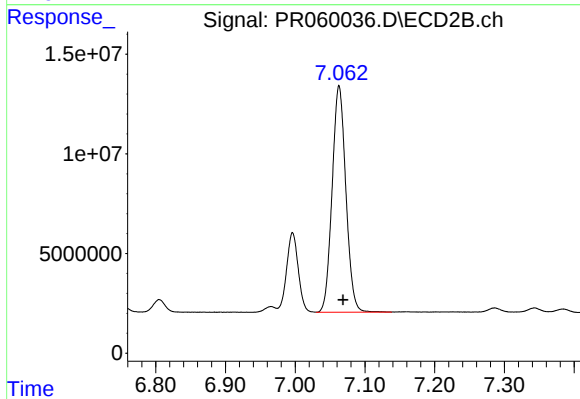
#41 AR-1268-1

R.T.: 6.996 min
Delta R.T.: -0.002 min
Response: 46229228
Conc: 52.61 ng/ml



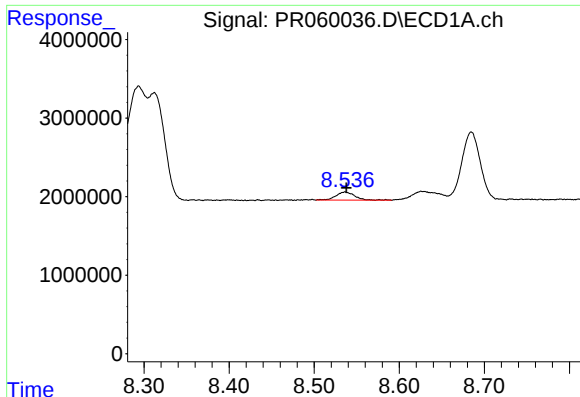
#42 AR-1268-2

R.T.: 8.312 min
Delta R.T.: -0.005 min
Response: 17696490
Conc: 44.25 ng/ml



#42 AR-1268-2

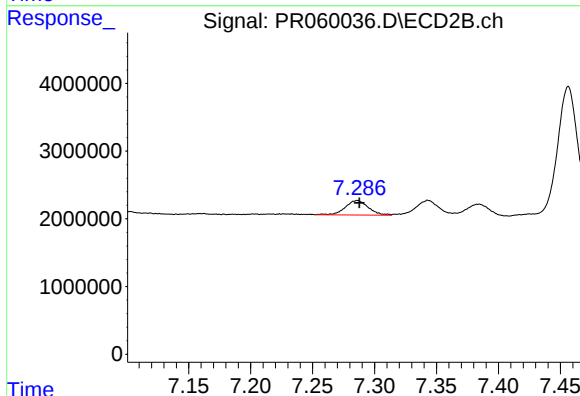
R.T.: 7.063 min
Delta R.T.: -0.006 min
Response: 155378517
Conc: 197.00 ng/ml



#43 AR-1268-3

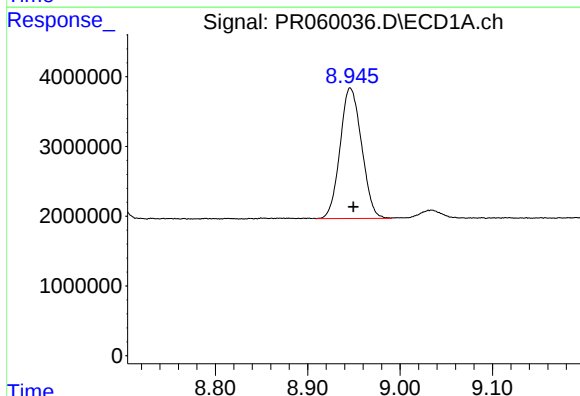
R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 1608278
Conc: 4.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



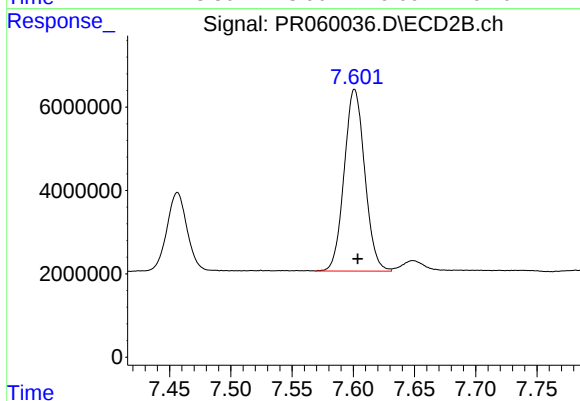
#43 AR-1268-3

R.T.: 7.286 min
Delta R.T.: -0.002 min
Response: 2781348
Conc: 4.00 ng/ml



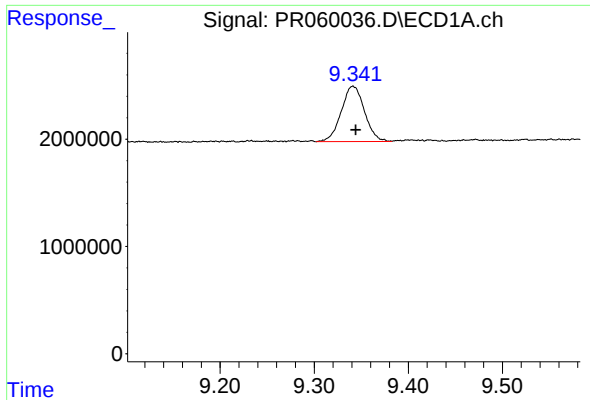
#44 AR-1268-4

R.T.: 8.946 min
Delta R.T.: -0.003 min
Response: 30333998
Conc: 192.35 ng/ml



#44 AR-1268-4

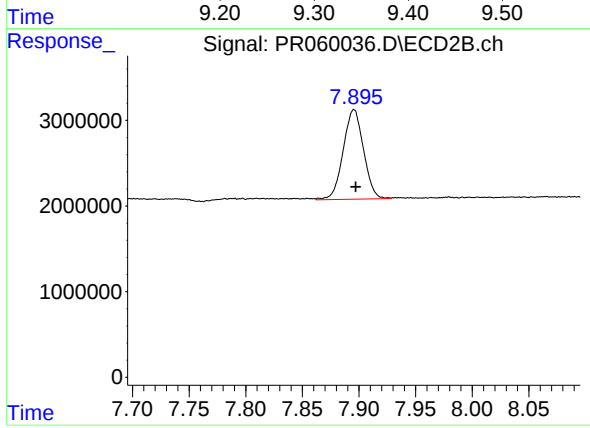
R.T.: 7.601 min
Delta R.T.: -0.003 min
Response: 51075471
Conc: 192.72 ng/ml



#45 AR-1268-5

R.T.: 9.341 min
Delta R.T.: -0.003 min
Response: 8844985
Conc: 7.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.896 min
Delta R.T.: -0.001 min
Response: 13098067
Conc: 6.25 ng/ml