

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122923\
 Data File : PR064854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2023 11:04
 Operator : AJ\MA
 Sample : 06019-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 01:18:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121323CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 14 08:57:18 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...	3.695	3.013	3164071	495604	0.528	0.092 #
2)	SA Decachlor...	9.724	8.382	2491860	2149806	1.141	0.831 #
Target Compounds							
3)	L1 AR-1016-1	4.945	4.154	75068709	74829625	415.290	406.982
4)	L1 AR-1016-2	4.968	4.173	111.1E6	104.1E6	418.642	413.177
5)	L1 AR-1016-3	5.033	4.356	69864542	54785353	406.428	398.399
6)	L1 AR-1016-4	5.135	4.407	54928137	40666243	396.255	384.529
7)	L1 AR-1016-5	5.456	4.631	51754919	54802998	380.605	391.754
8)	L2 AR-1221-1	3.927	3.238	6610870	6261644	94.151	101.194
9)	L2 AR-1221-2	4.022	3.328	7661790	7210148	162.118	166.989
10)	L2 AR-1221-3	4.101	3.406	36080832	32644156	230.001	224.480
11)	L3 AR-1232-1	4.101	3.406	36080832	32644156	299.344	293.412
12)	L3 AR-1232-2	4.656	4.173	62723579	104.1E6	949.608	964.498
13)	L3 AR-1232-3	4.968	4.356	111.1E6	54785353	963.217	943.115
14)	L3 AR-1232-4	5.135	4.450	54928137	51090836	934.278	1014.785
15)	L3 AR-1232-5	5.241	4.631	42519489	54802998	1002.975	1003.684
16)	L4 AR-1242-1	4.945	4.154	75068709	74829625	517.518	507.767
17)	L4 AR-1242-2	4.968	4.173	111.1E6	104.1E6	522.613	519.380
18)	L4 AR-1242-3	5.033	4.356	69864542	54785353	509.223	501.754
19)	L4 AR-1242-4	5.135	4.450	54928137	51090836	494.248	487.117
20)	L4 AR-1242-5	5.934	5.010	7643641	44482643	66.926	329.602 #
21)	L5 AR-1248-1	4.945	4.154	75068709	74829625	671.666	671.225
22)	L5 AR-1248-2	5.241	4.407	42519489	40666243	268.865	266.193
23)	L5 AR-1248-3	5.456	4.450	51754919	51090836	284.250	322.490
24)	L5 AR-1248-4	5.895	4.631	7674761	54802998	39.443	288.994 #
25)	L5 AR-1248-5	5.934	5.053	7643641	6389049	39.424	33.632
26)	L6 AR-1254-1	5.864	5.010	38824682	44482643	191.165	153.849
27)	L6 AR-1254-2	6.104	5.172	43627489	42813127	141.043	171.270
28)	L6 AR-1254-3	6.500	5.622	21711919	77301724	69.181	192.192 #
29)	L6 AR-1254-4	6.814	5.853	12485462	8351048	55.952	33.069 #
30)	L6 AR-1254-5	7.272	6.306	132.5E6	168.1E6	551.728	471.499
31)	L7 AR-1260-1	6.682	5.745	97631394	114.6E6	394.502	403.817
32)	L7 AR-1260-2	6.968	5.953	111.0E6	138.7E6	391.479	414.301
33)	L7 AR-1260-3	7.362	6.115	69970719	137.0E6	337.017	424.403 #
34)	L7 AR-1260-4	7.607	6.630	84936006	95826202	372.131	359.918
35)	L7 AR-1260-5	7.948	6.899	158.0E6	234.6E6	367.490	376.205
36)	L8 AR-1262-1	7.362	6.351	69970719	102.0E6	245.627	280.848
37)	L8 AR-1262-2	7.948	6.899	158.0E6	234.6E6	337.280	357.935
38)	L8 AR-1262-3	8.272	7.209	98848860	39838167	314.386	161.801 #
39)	L8 AR-1262-4	8.352	7.276	20243567	166.7E6	84.522	351.111 #
40)	L8 AR-1262-5	9.001	7.823	37169066	49123496	229.250	231.912
41)	L9 AR-1268-1	8.272	7.209	98848860	39838167	176.096	53.365 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122923\
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 Acq On : 29 Dec 2023 11:04
 Operator : AJ\MA
 Sample : 06019-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

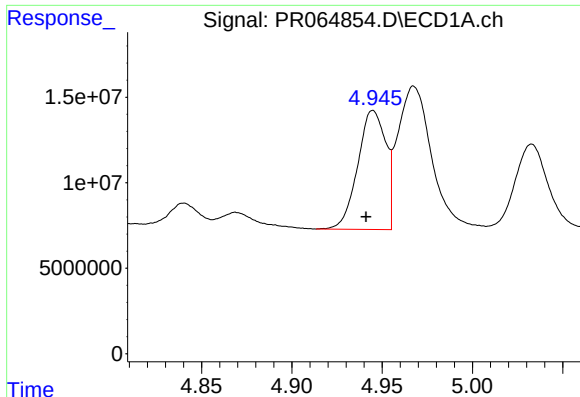
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 01:18:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121323CLP.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	8.352	7.276	20243567	166.7E6	40.474	239.854 #
43) L9	AR-1268-3	8.579	7.505	3166850	3745042	7.245	6.409
44) L9	AR-1268-4	9.001	7.823	37169066	49123496	203.070	202.972
45) L9	AR-1268-5	9.401	8.124	12138247	14636660	9.115	8.322

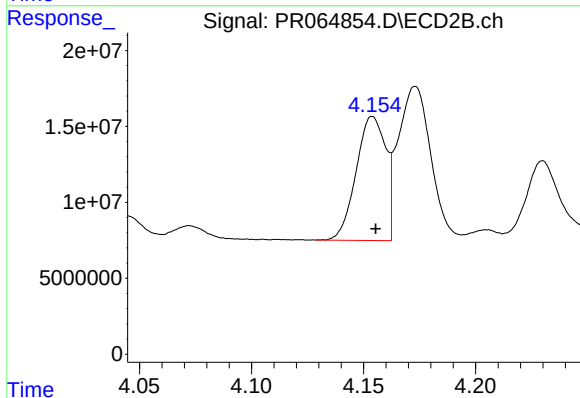
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

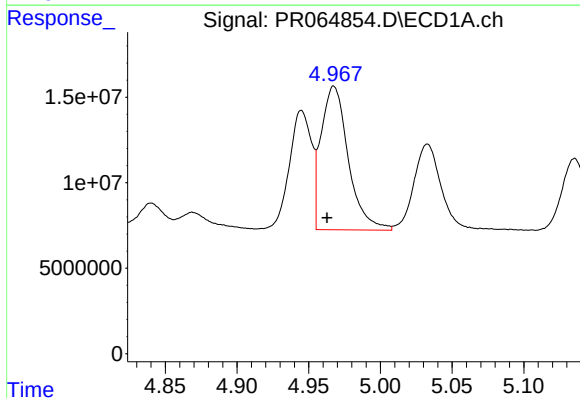
R.T.: 4.945 min
Delta R.T.: 0.004 min
Response: 75068709
Conc: 415.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



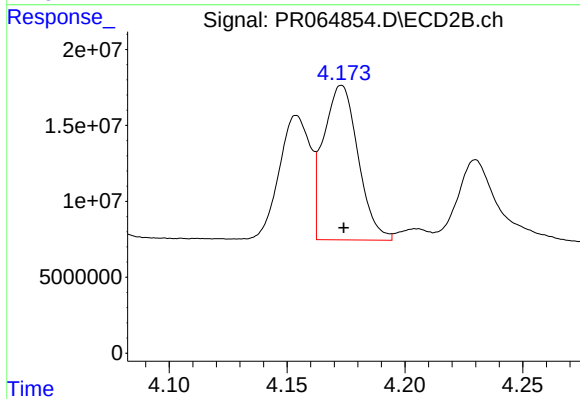
#3 AR-1016-1

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 74829625
Conc: 406.98 ng/ml



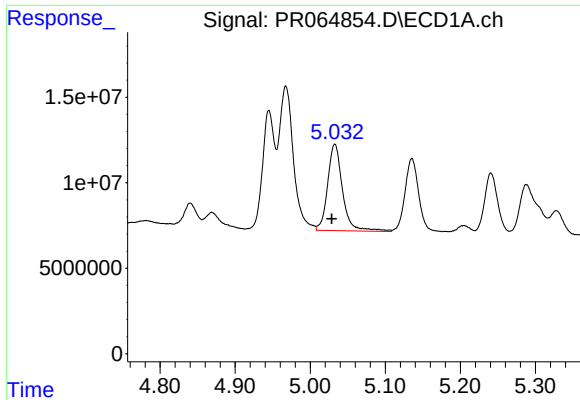
#4 AR-1016-2

R.T.: 4.968 min
Delta R.T.: 0.005 min
Response: 111114403
Conc: 418.64 ng/ml



#4 AR-1016-2

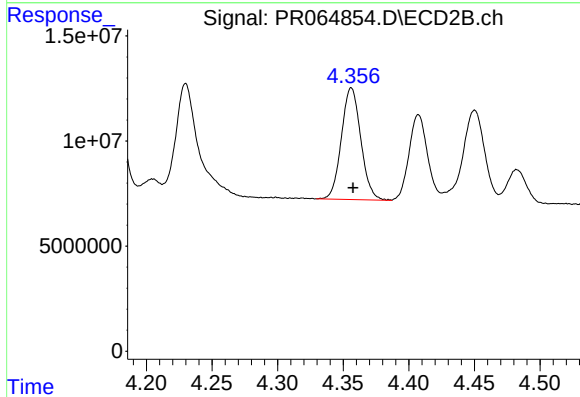
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 104145461
Conc: 413.18 ng/ml



#5 AR-1016-3

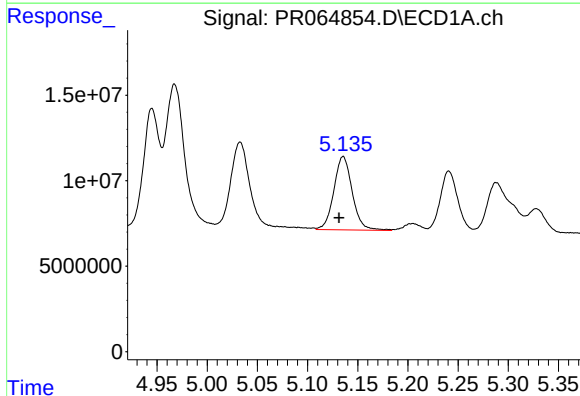
R.T.: 5.033 min
Delta R.T.: 0.004 min
Response: 69864542
Conc: 406.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



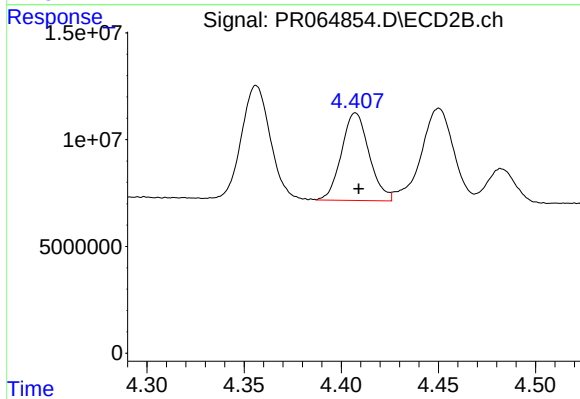
#5 AR-1016-3

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 54785353
Conc: 398.40 ng/ml



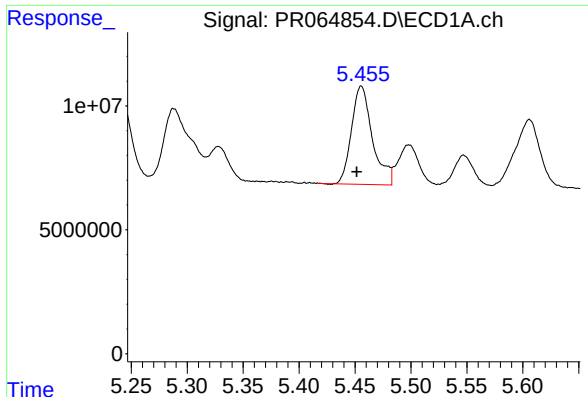
#6 AR-1016-4

R.T.: 5.135 min
Delta R.T.: 0.004 min
Response: 54928137
Conc: 396.26 ng/ml



#6 AR-1016-4

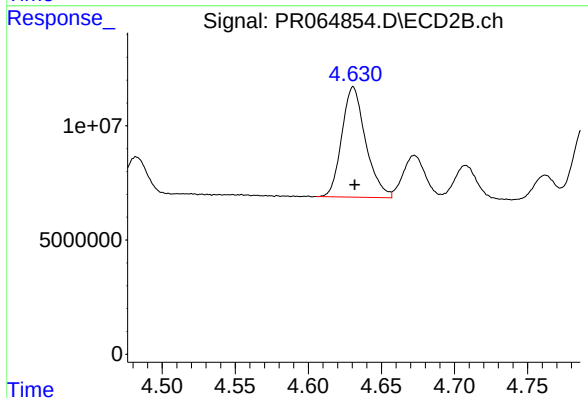
R.T.: 4.407 min
Delta R.T.: -0.002 min
Response: 40666243
Conc: 384.53 ng/ml



#7 AR-1016-5

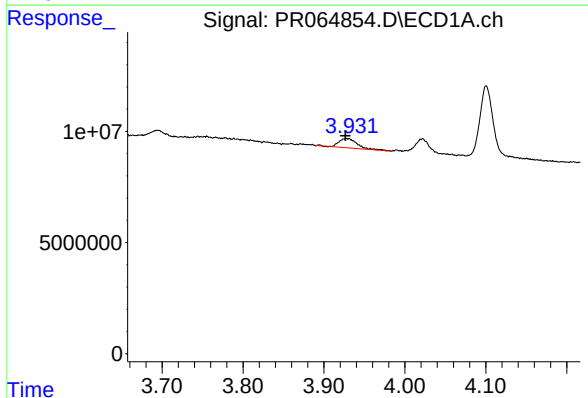
R.T.: 5.456 min
Delta R.T.: 0.004 min
Response: 51754919
Conc: 380.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



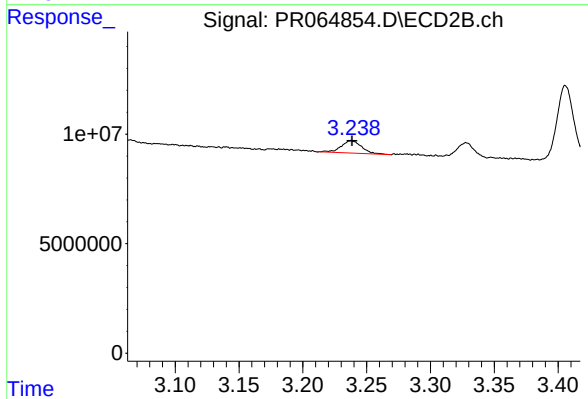
#7 AR-1016-5

R.T.: 4.631 min
Delta R.T.: -0.001 min
Response: 54802998
Conc: 391.75 ng/ml



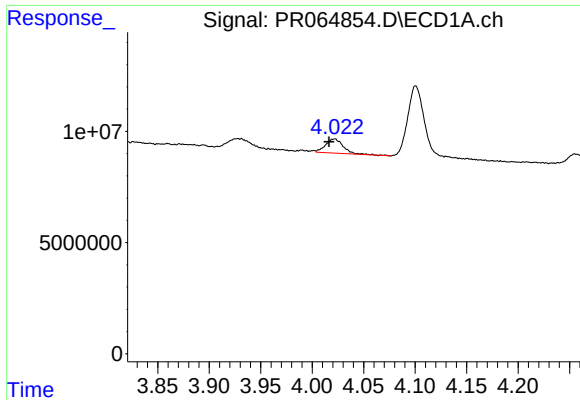
#8 AR-1221-1

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 6610870
Conc: 94.15 ng/ml



#8 AR-1221-1

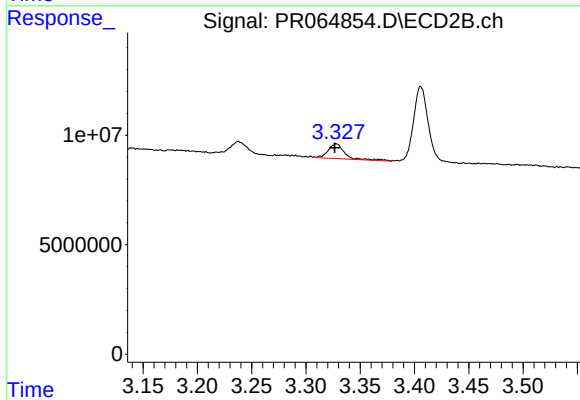
R.T.: 3.238 min
Delta R.T.: 0.000 min
Response: 6261644
Conc: 101.19 ng/ml



#9 AR-1221-2

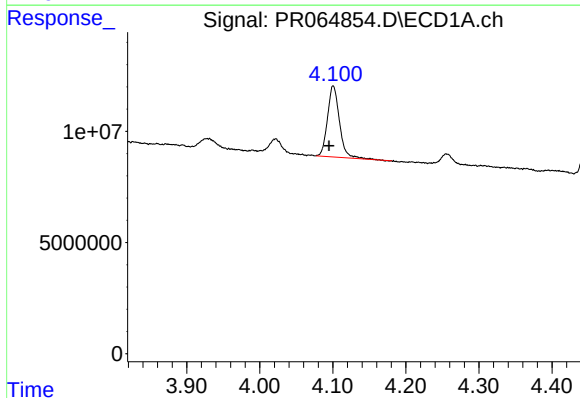
R.T.: 4.022 min
Delta R.T.: 0.005 min
Response: 7661790
Conc: 162.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



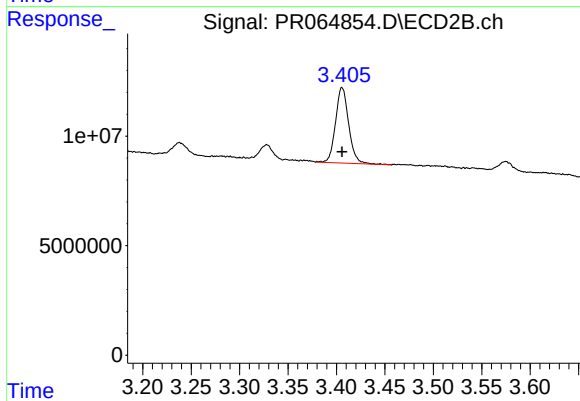
#9 AR-1221-2

R.T.: 3.328 min
Delta R.T.: 0.002 min
Response: 7210148
Conc: 166.99 ng/ml



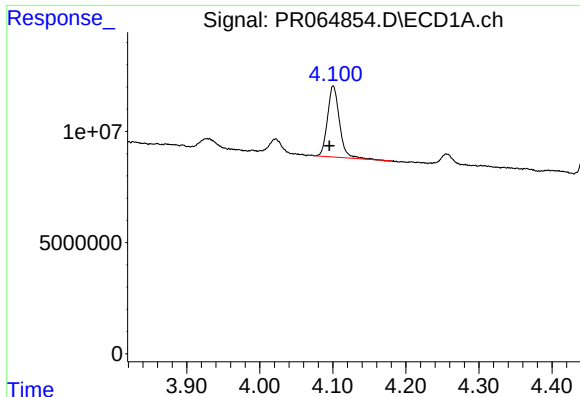
#10 AR-1221-3

R.T.: 4.101 min
Delta R.T.: 0.005 min
Response: 36080832
Conc: 230.00 ng/ml



#10 AR-1221-3

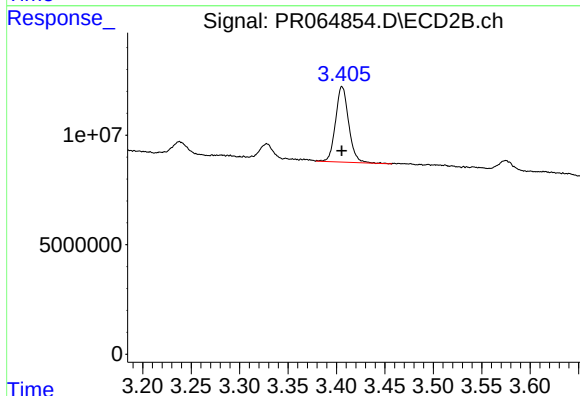
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 32644156
Conc: 224.48 ng/ml



#11 AR-1232-1

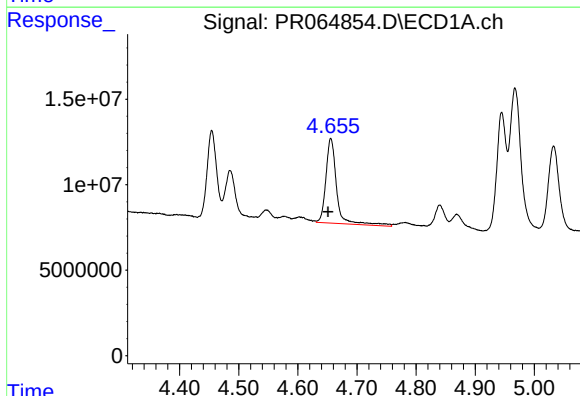
R.T.: 4.101 min
Delta R.T.: 0.005 min
Response: 36080832
Conc: 299.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



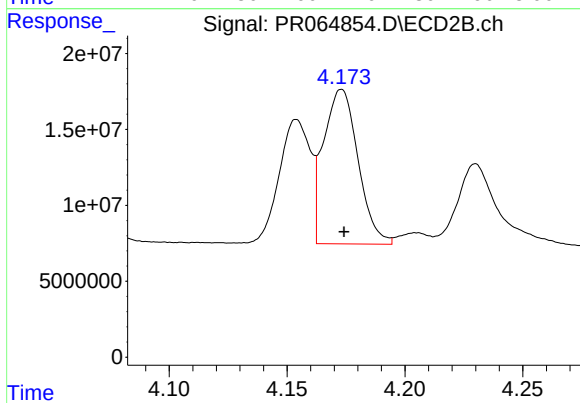
#11 AR-1232-1

R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 32644156
Conc: 293.41 ng/ml



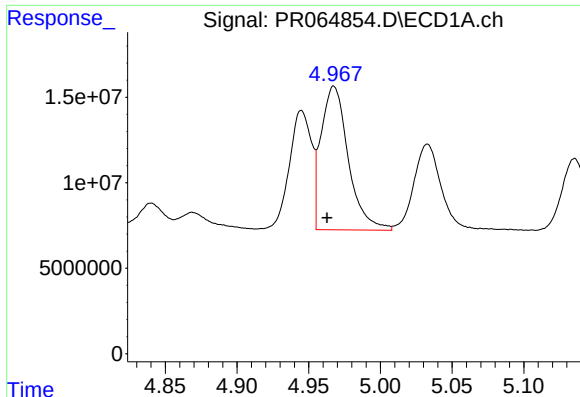
#12 AR-1232-2

R.T.: 4.656 min
Delta R.T.: 0.005 min
Response: 62723579
Conc: 949.61 ng/ml



#12 AR-1232-2

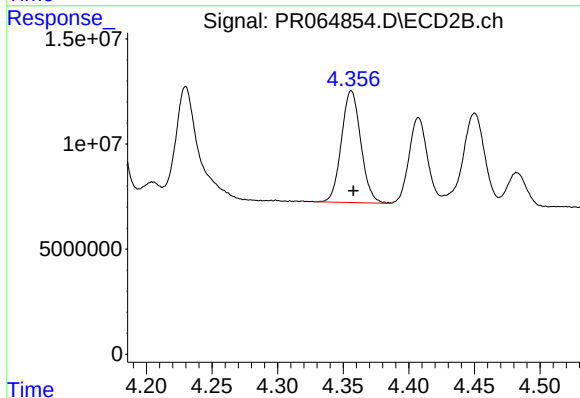
R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 104145461
Conc: 964.50 ng/ml



#13 AR-1232-3

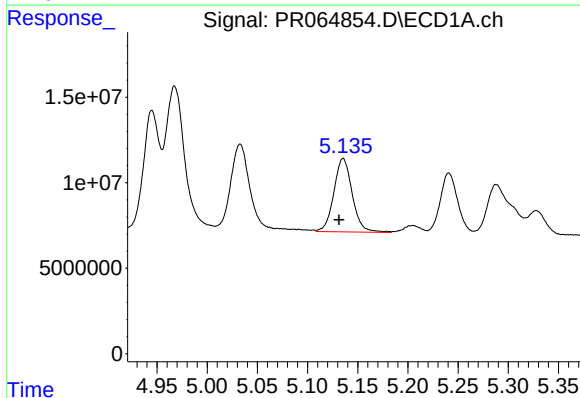
R.T.: 4.968 min
Delta R.T.: 0.005 min
Response: 111114403
Conc: 963.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



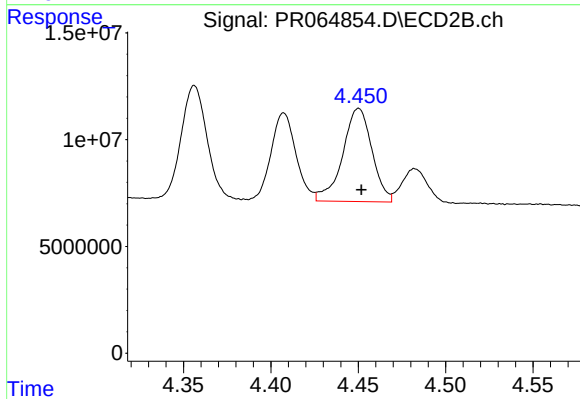
#13 AR-1232-3

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 54785353
Conc: 943.11 ng/ml



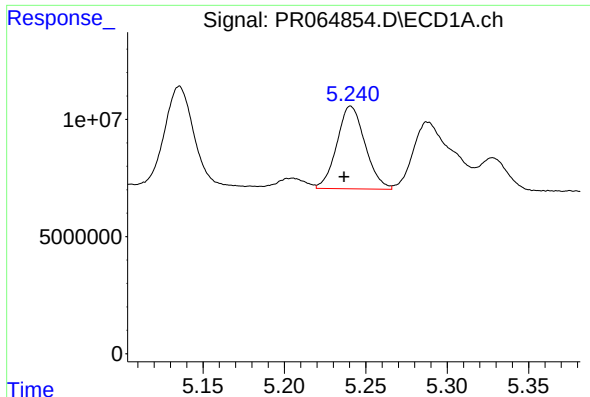
#14 AR-1232-4

R.T.: 5.135 min
Delta R.T.: 0.004 min
Response: 54928137
Conc: 934.28 ng/ml



#14 AR-1232-4

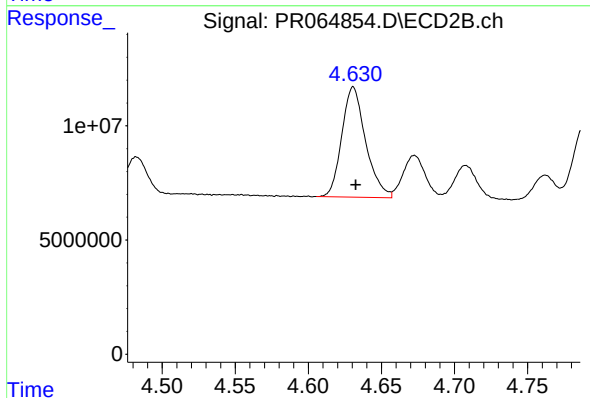
R.T.: 4.450 min
Delta R.T.: -0.002 min
Response: 51090836
Conc: 1014.78 ng/ml



#15 AR-1232-5

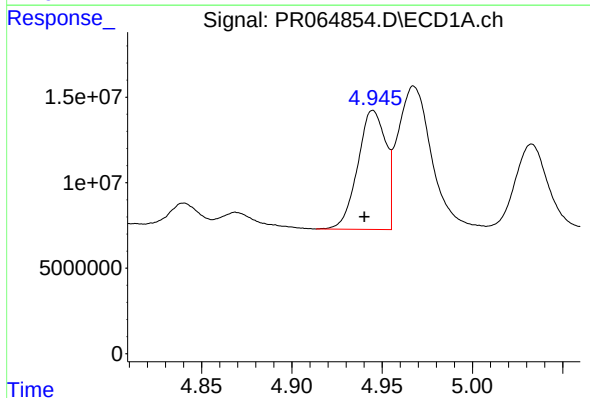
R.T.: 5.241 min
Delta R.T.: 0.004 min
Response: 42519489
Conc: 1002.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



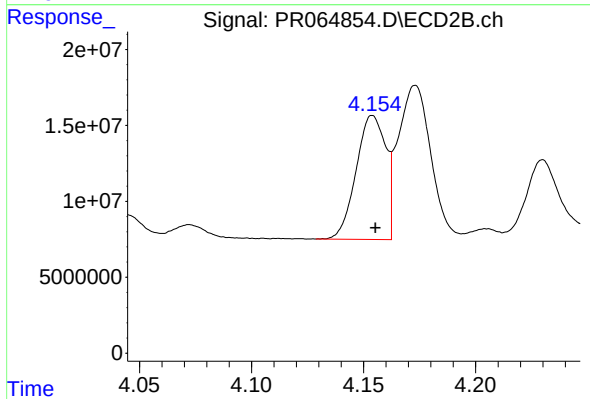
#15 AR-1232-5

R.T.: 4.631 min
Delta R.T.: -0.002 min
Response: 54802998
Conc: 1003.68 ng/ml



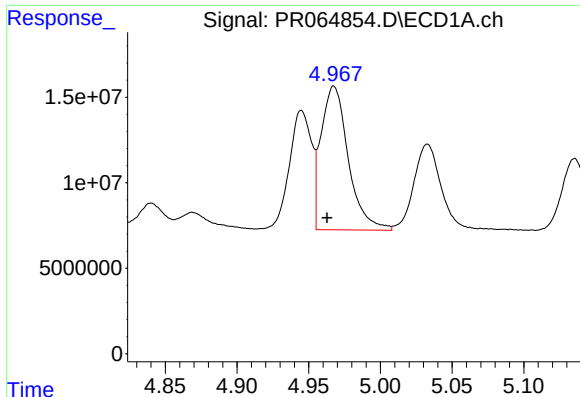
#16 AR-1242-1

R.T.: 4.945 min
Delta R.T.: 0.005 min
Response: 75068709
Conc: 517.52 ng/ml



#16 AR-1242-1

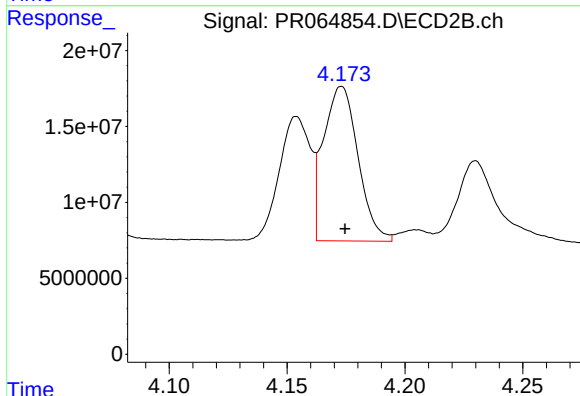
R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 74829625
Conc: 507.77 ng/ml



#17 AR-1242-2

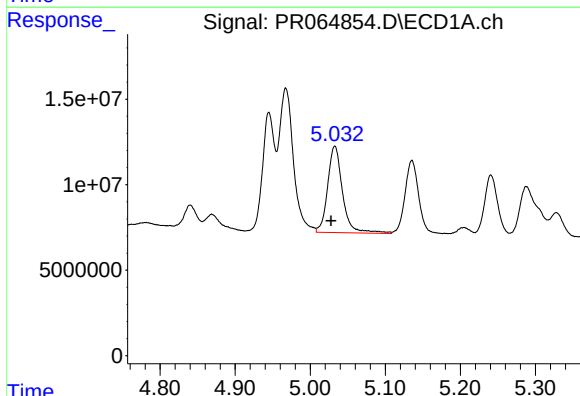
R.T.: 4.968 min
Delta R.T.: 0.005 min
Response: 111114403
Conc: 522.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



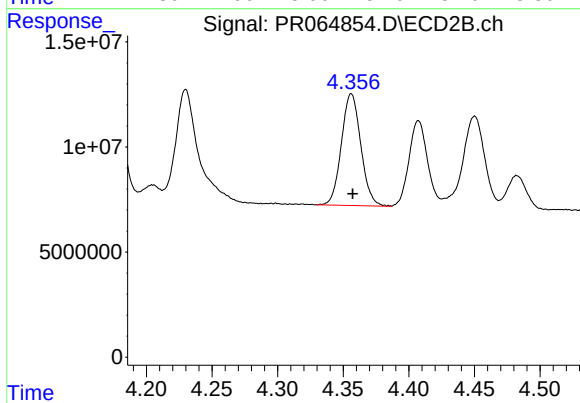
#17 AR-1242-2

R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 104145461
Conc: 519.38 ng/ml



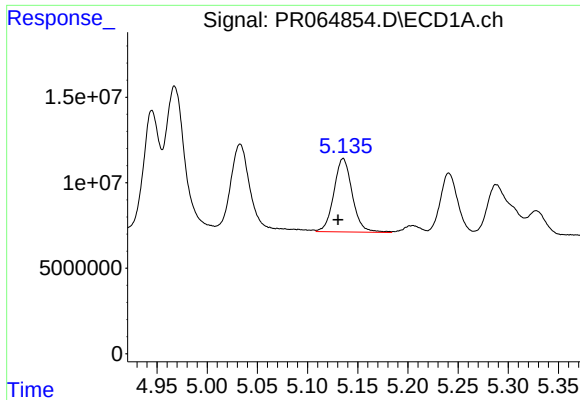
#18 AR-1242-3

R.T.: 5.033 min
Delta R.T.: 0.005 min
Response: 69864542
Conc: 509.22 ng/ml



#18 AR-1242-3

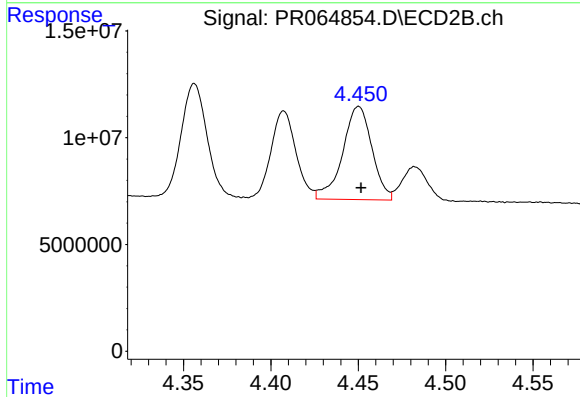
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 54785353
Conc: 501.75 ng/ml



#19 AR-1242-4

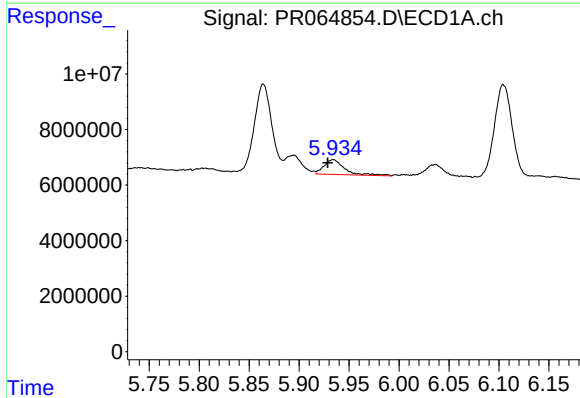
R.T.: 5.135 min
Delta R.T.: 0.005 min
Response: 54928137
Conc: 494.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



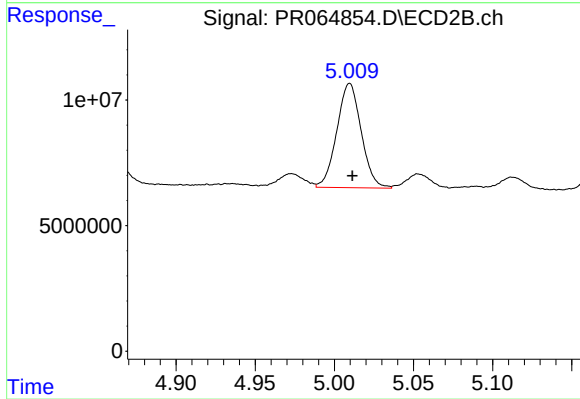
#19 AR-1242-4

R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 51090836
Conc: 487.12 ng/ml



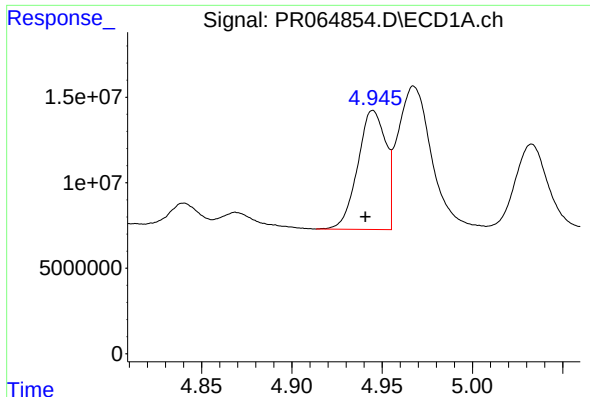
#20 AR-1242-5

R.T.: 5.934 min
Delta R.T.: 0.006 min
Response: 7643641
Conc: 66.93 ng/ml



#20 AR-1242-5

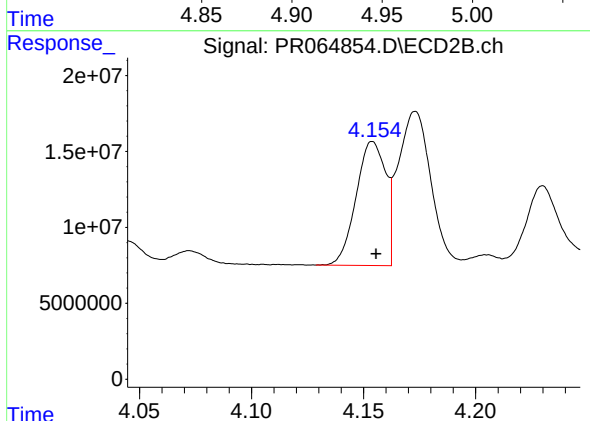
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 44482643
Conc: 329.60 ng/ml



#21 AR-1248-1

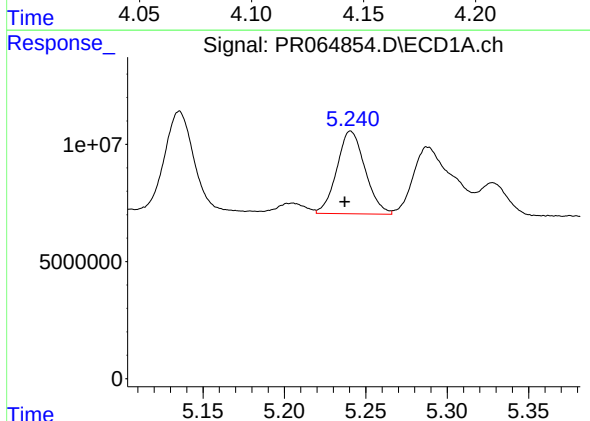
R.T.: 4.945 min
Delta R.T.: 0.004 min
Response: 75068709
Conc: 671.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



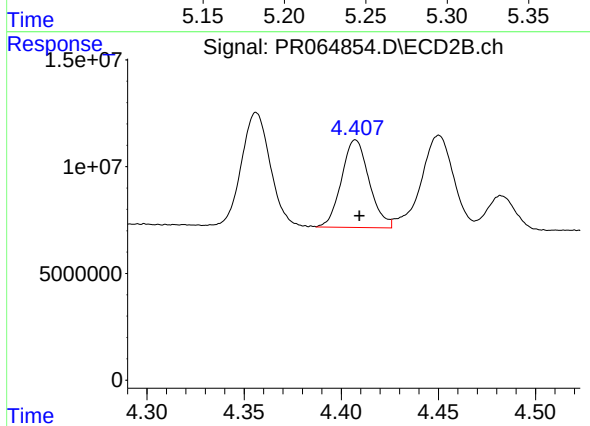
#21 AR-1248-1

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 74829625
Conc: 671.23 ng/ml



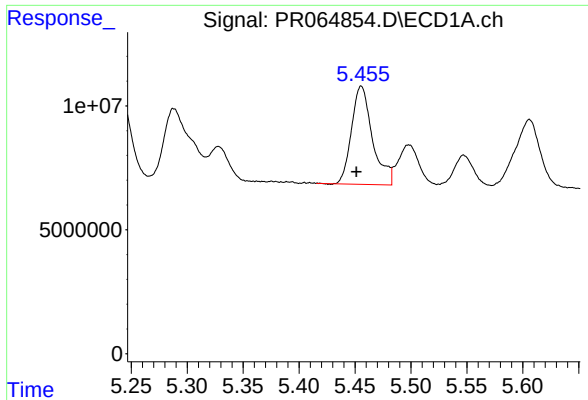
#22 AR-1248-2

R.T.: 5.241 min
Delta R.T.: 0.004 min
Response: 42519489
Conc: 268.87 ng/ml



#22 AR-1248-2

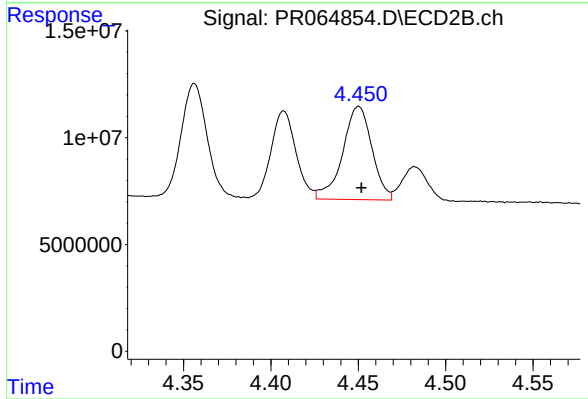
R.T.: 4.407 min
Delta R.T.: -0.002 min
Response: 40666243
Conc: 266.19 ng/ml



#23 AR-1248-3

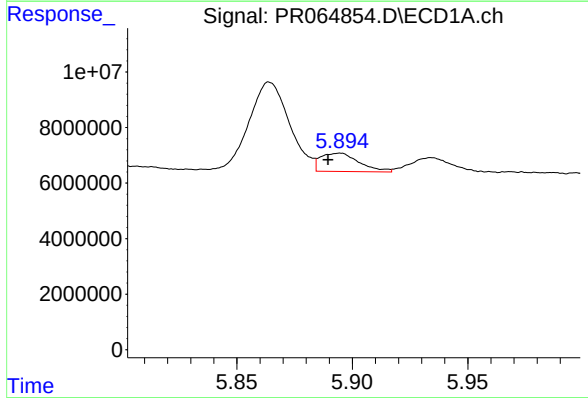
R.T.: 5.456 min
Delta R.T.: 0.004 min
Response: 51754919
Conc: 284.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



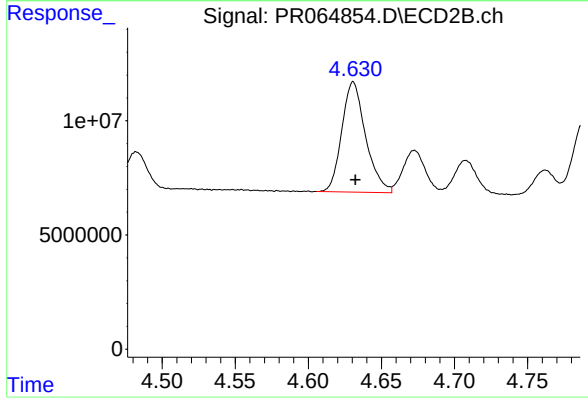
#23 AR-1248-3

R.T.: 4.450 min
Delta R.T.: -0.002 min
Response: 51090836
Conc: 322.49 ng/ml



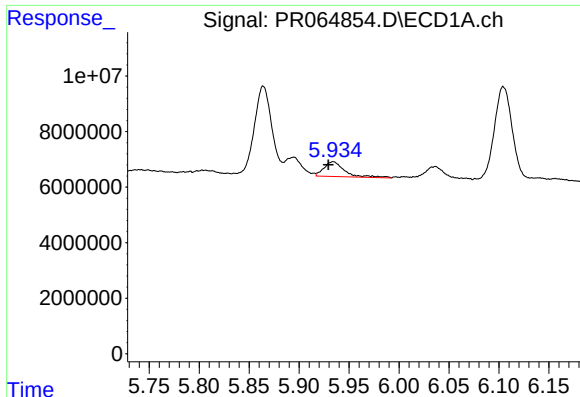
#24 AR-1248-4

R.T.: 5.895 min
Delta R.T.: 0.005 min
Response: 7674761
Conc: 39.44 ng/ml



#24 AR-1248-4

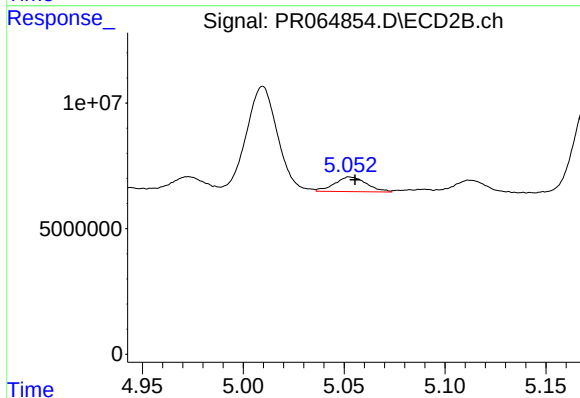
R.T.: 4.631 min
Delta R.T.: -0.002 min
Response: 54802998
Conc: 288.99 ng/ml



#25 AR-1248-5

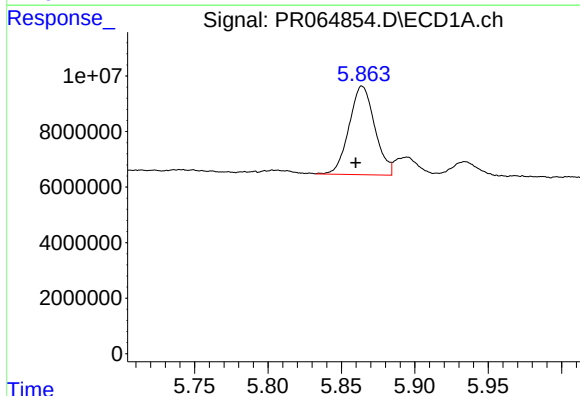
R.T.: 5.934 min
Delta R.T.: 0.005 min
Response: 7643641
Conc: 39.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



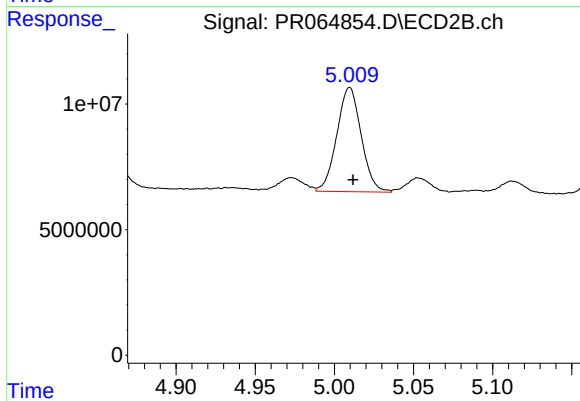
#25 AR-1248-5

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 6389049
Conc: 33.63 ng/ml



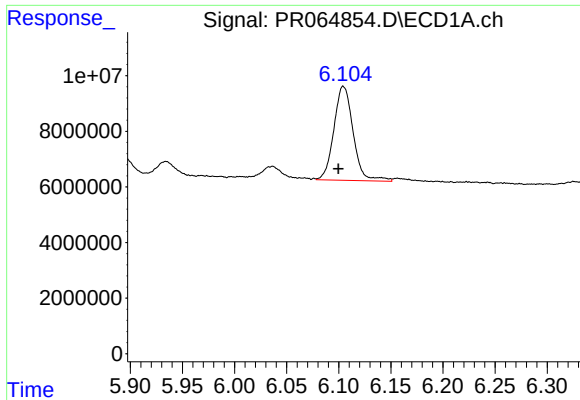
#26 AR-1254-1

R.T.: 5.864 min
Delta R.T.: 0.004 min
Response: 38824682
Conc: 191.16 ng/ml



#26 AR-1254-1

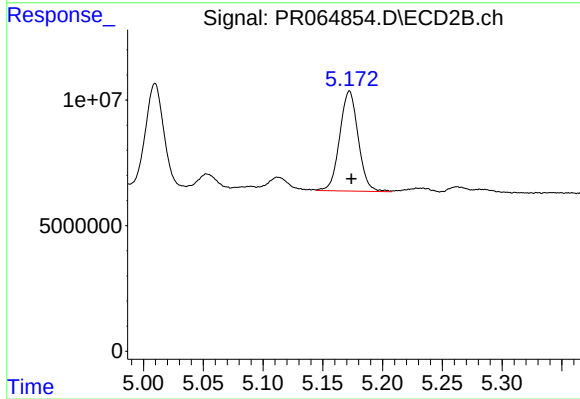
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 44482643
Conc: 153.85 ng/ml



#27 AR-1254-2

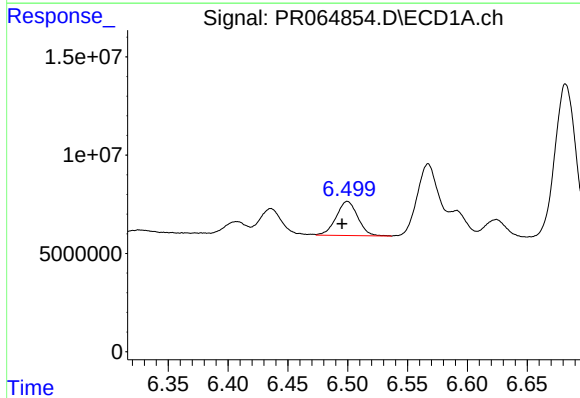
R.T.: 6.104 min
Delta R.T.: 0.005 min
Response: 43627489
Conc: 141.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



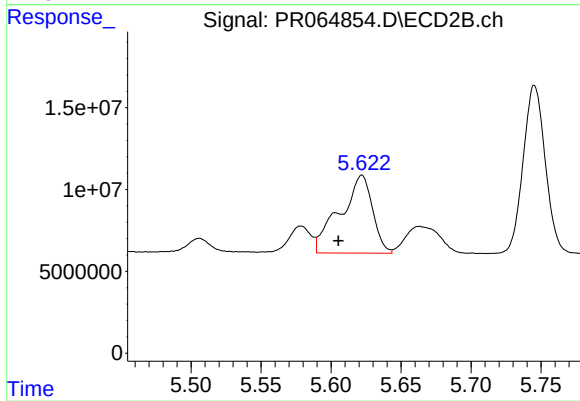
#27 AR-1254-2

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 42813127
Conc: 171.27 ng/ml



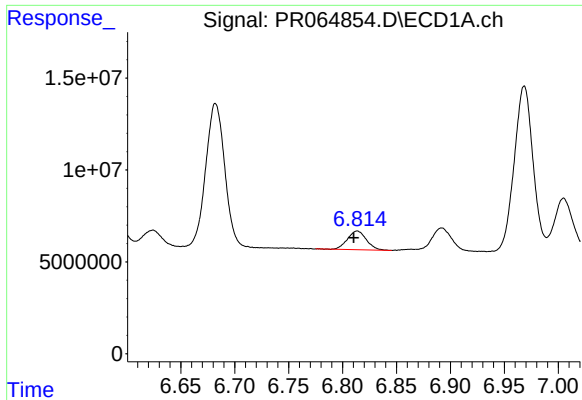
#28 AR-1254-3

R.T.: 6.500 min
Delta R.T.: 0.004 min
Response: 21711919
Conc: 69.18 ng/ml



#28 AR-1254-3

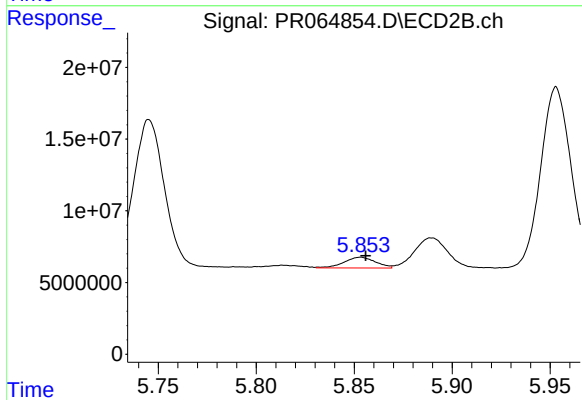
R.T.: 5.622 min
Delta R.T.: 0.017 min
Response: 77301724
Conc: 192.19 ng/ml



#29 AR-1254-4

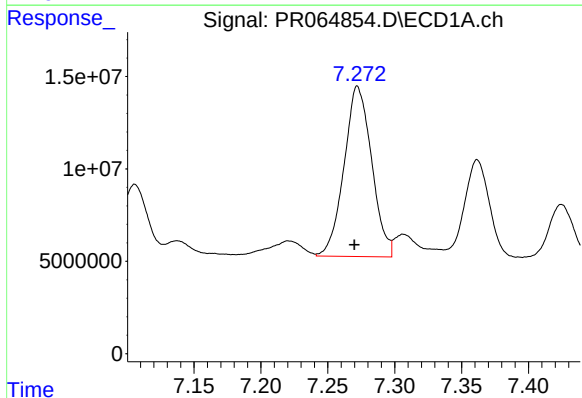
R.T.: 6.814 min
Delta R.T.: 0.003 min
Response: 12485462
Conc: 55.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



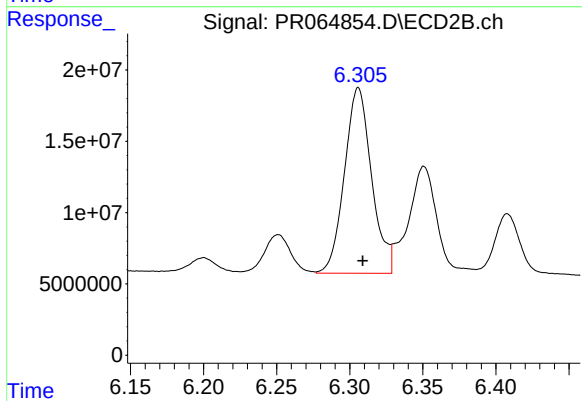
#29 AR-1254-4

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 8351048
Conc: 33.07 ng/ml



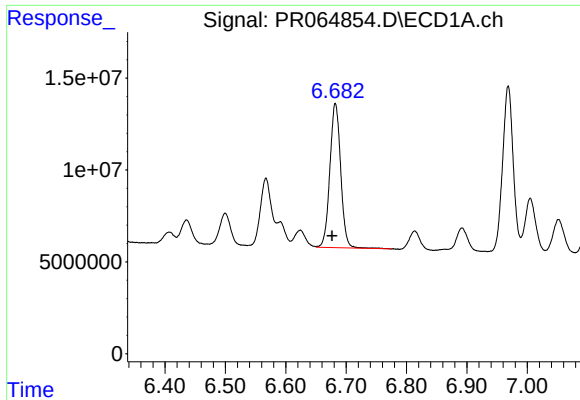
#30 AR-1254-5

R.T.: 7.272 min
Delta R.T.: 0.002 min
Response: 132518771
Conc: 551.73 ng/ml



#30 AR-1254-5

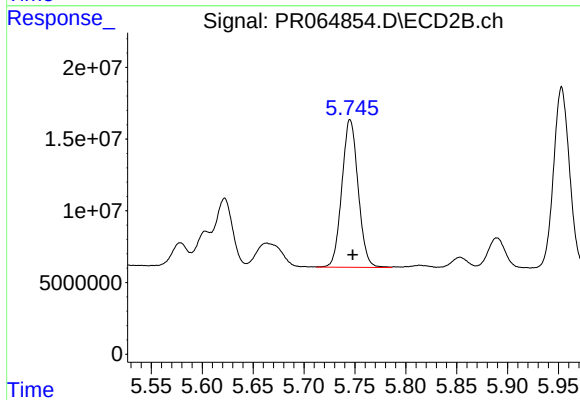
R.T.: 6.306 min
Delta R.T.: -0.003 min
Response: 168057159
Conc: 471.50 ng/ml



#31 AR-1260-1

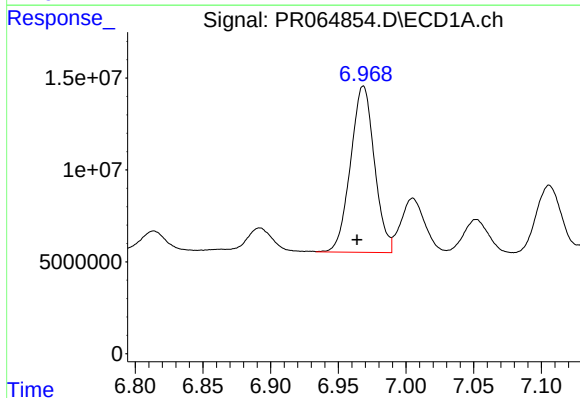
R.T.: 6.682 min
Delta R.T.: 0.006 min
Response: 97631394
Conc: 394.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



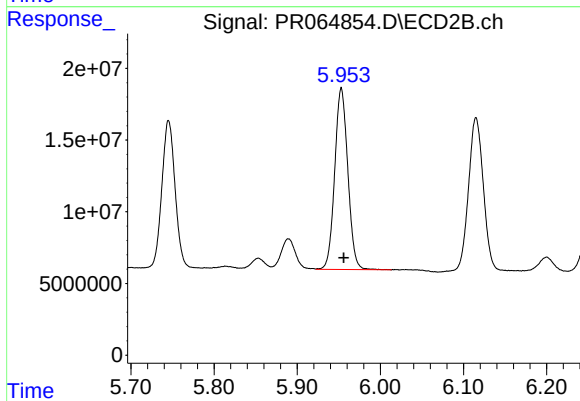
#31 AR-1260-1

R.T.: 5.745 min
Delta R.T.: -0.002 min
Response: 114575193
Conc: 403.82 ng/ml



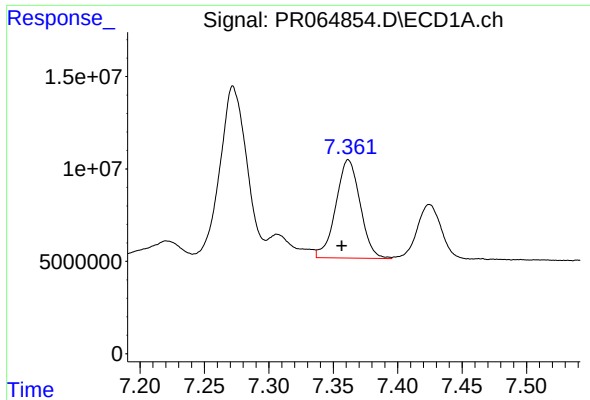
#32 AR-1260-2

R.T.: 6.968 min
Delta R.T.: 0.005 min
Response: 110962519
Conc: 391.48 ng/ml



#32 AR-1260-2

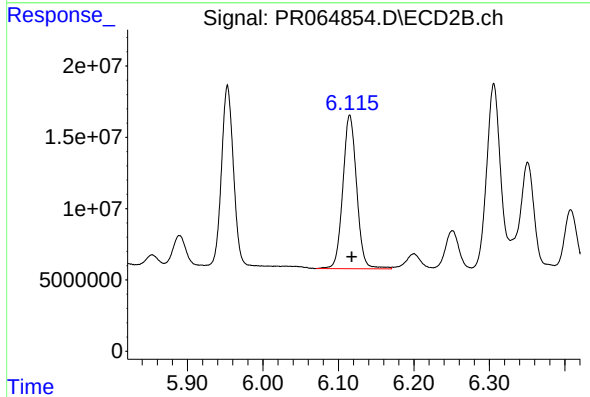
R.T.: 5.953 min
Delta R.T.: -0.003 min
Response: 138717562
Conc: 414.30 ng/ml



#33 AR-1260-3

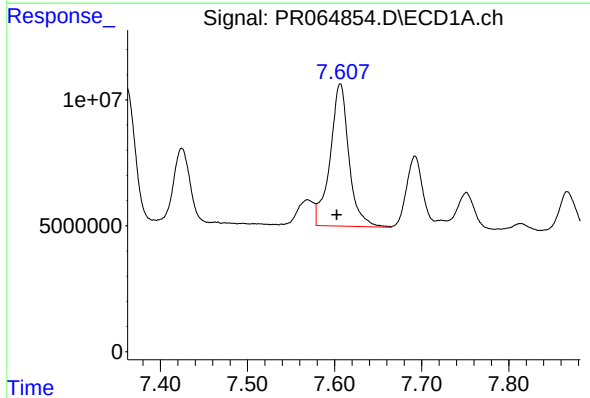
R.T.: 7.362 min
Delta R.T.: 0.005 min
Response: 69970719
Conc: 337.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



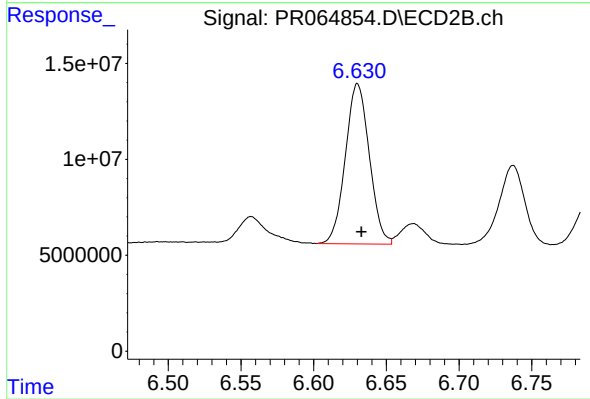
#33 AR-1260-3

R.T.: 6.115 min
Delta R.T.: -0.003 min
Response: 136952262
Conc: 424.40 ng/ml



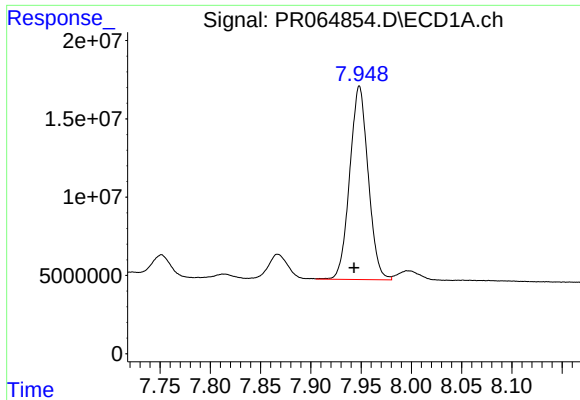
#34 AR-1260-4

R.T.: 7.607 min
Delta R.T.: 0.004 min
Response: 84936006
Conc: 372.13 ng/ml



#34 AR-1260-4

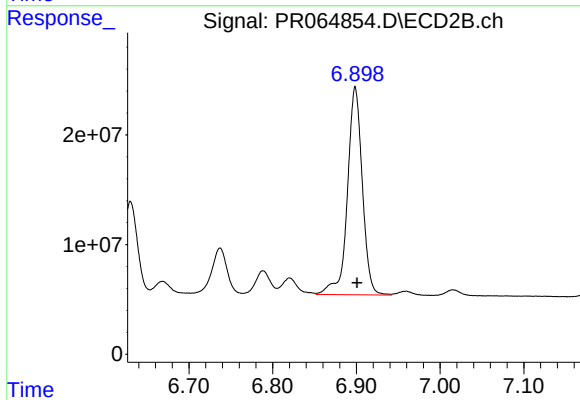
R.T.: 6.630 min
Delta R.T.: -0.003 min
Response: 95826202
Conc: 359.92 ng/ml



#35 AR-1260-5

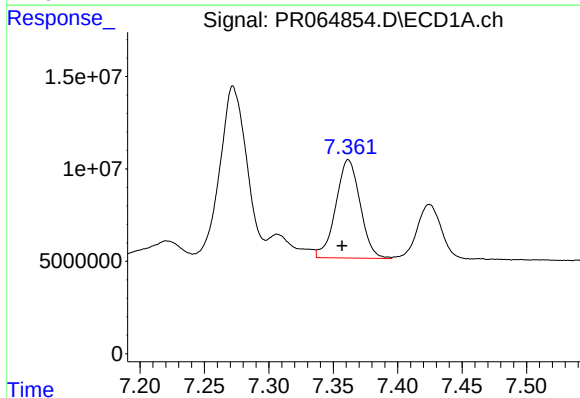
R.T.: 7.948 min
Delta R.T.: 0.005 min
Response: 157988004
Conc: 367.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



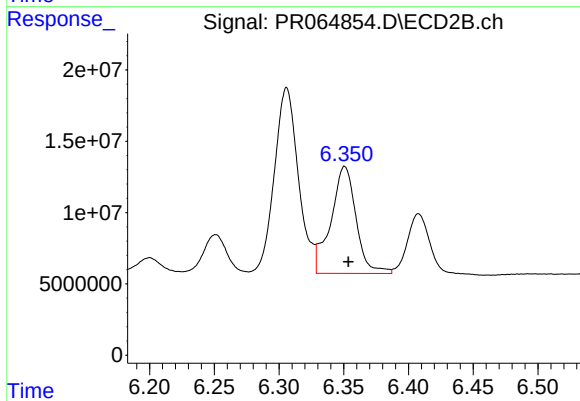
#35 AR-1260-5

R.T.: 6.899 min
Delta R.T.: -0.002 min
Response: 234642713
Conc: 376.20 ng/ml



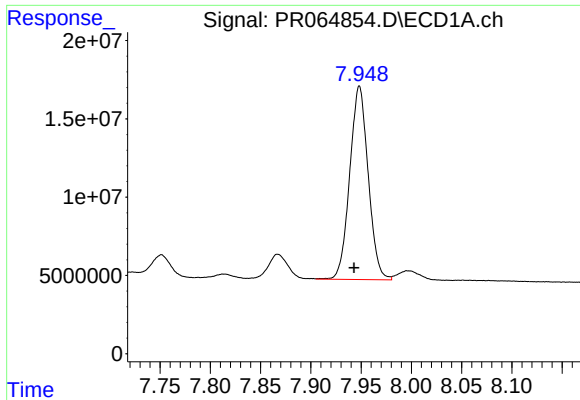
#36 AR-1262-1

R.T.: 7.362 min
Delta R.T.: 0.005 min
Response: 69970719
Conc: 245.63 ng/ml



#36 AR-1262-1

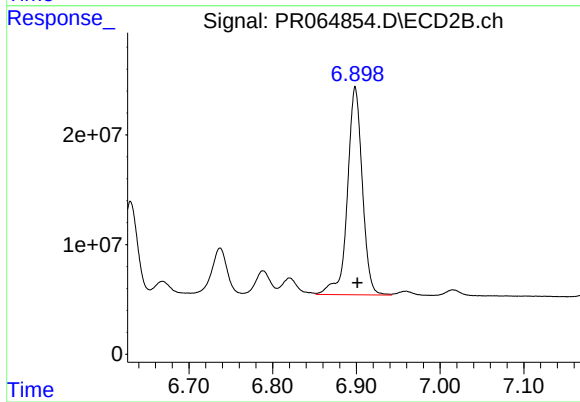
R.T.: 6.351 min
Delta R.T.: -0.003 min
Response: 102028799
Conc: 280.85 ng/ml



#37 AR-1262-2

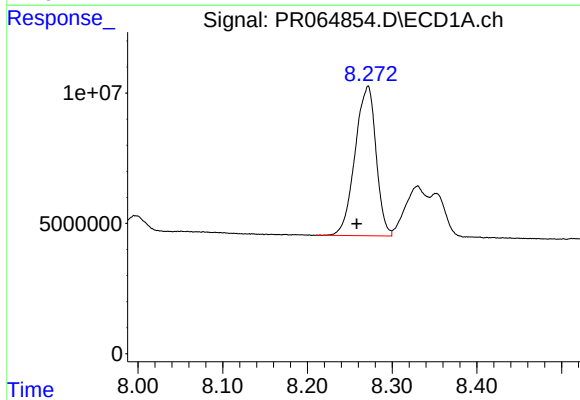
R.T.: 7.948 min
Delta R.T.: 0.005 min
Response: 157988004
Conc: 337.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



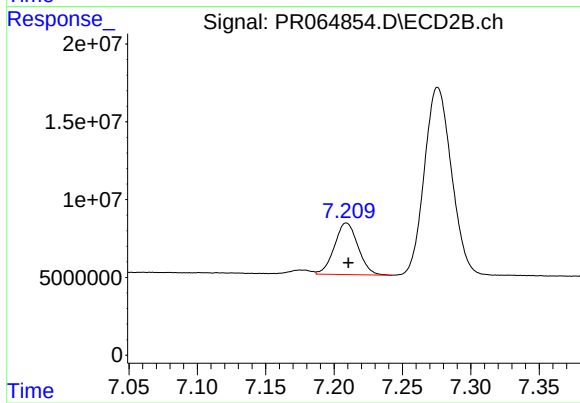
#37 AR-1262-2

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 234642713
Conc: 357.93 ng/ml



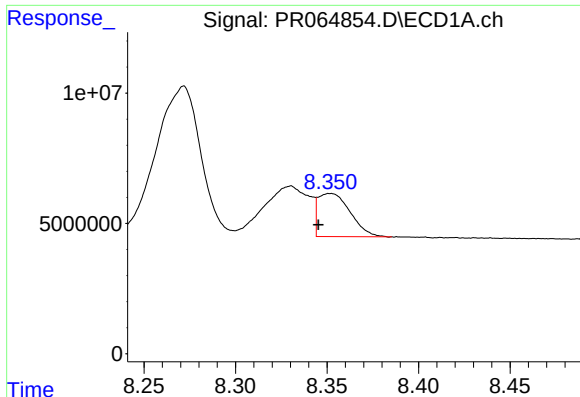
#38 AR-1262-3

R.T.: 8.272 min
Delta R.T.: 0.013 min
Response: 98848860
Conc: 314.39 ng/ml



#38 AR-1262-3

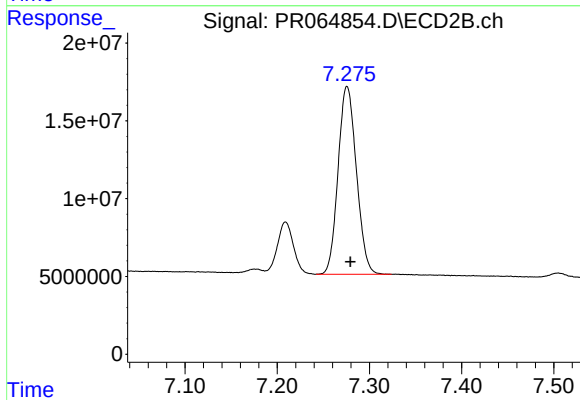
R.T.: 7.209 min
Delta R.T.: -0.001 min
Response: 39838167
Conc: 161.80 ng/ml



#39 AR-1262-4

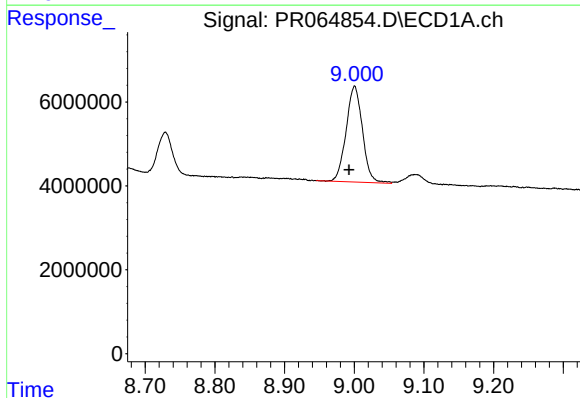
R.T.: 8.352 min
Delta R.T.: 0.007 min
Response: 20243567
Conc: 84.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



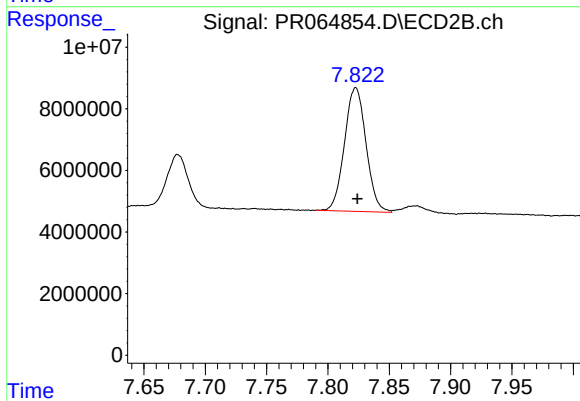
#39 AR-1262-4

R.T.: 7.276 min
Delta R.T.: -0.004 min
Response: 166747213
Conc: 351.11 ng/ml



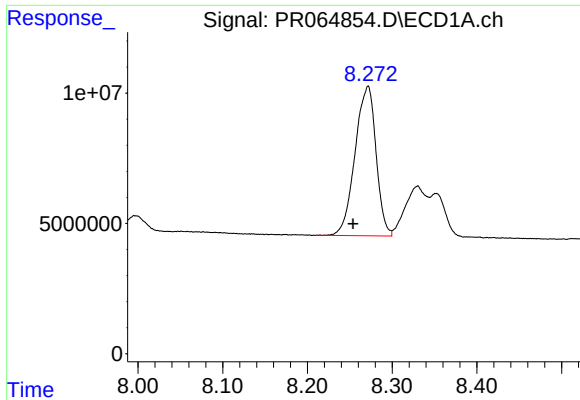
#40 AR-1262-5

R.T.: 9.001 min
Delta R.T.: 0.008 min
Response: 37169066
Conc: 229.25 ng/ml



#40 AR-1262-5

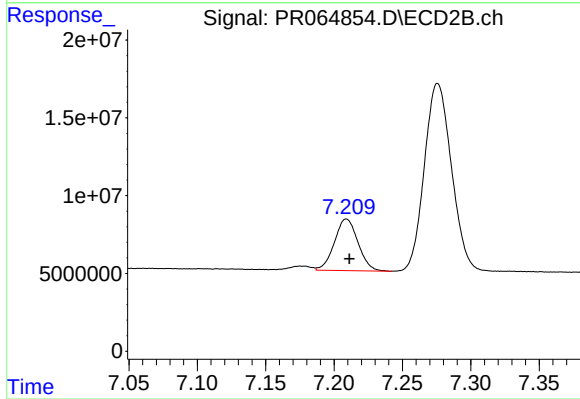
R.T.: 7.823 min
Delta R.T.: -0.001 min
Response: 49123496
Conc: 231.91 ng/ml



#41 AR-1268-1

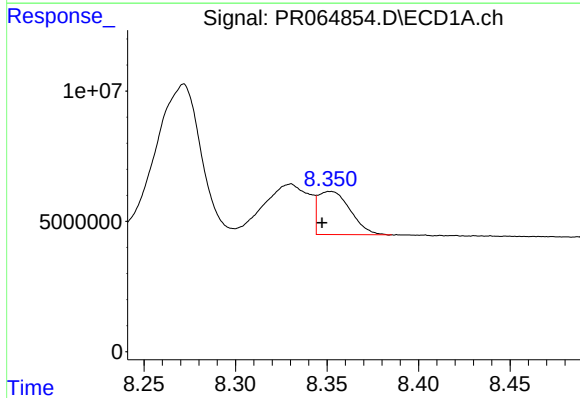
R.T.: 8.272 min
Delta R.T.: 0.018 min
Response: 98848860
Conc: 176.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



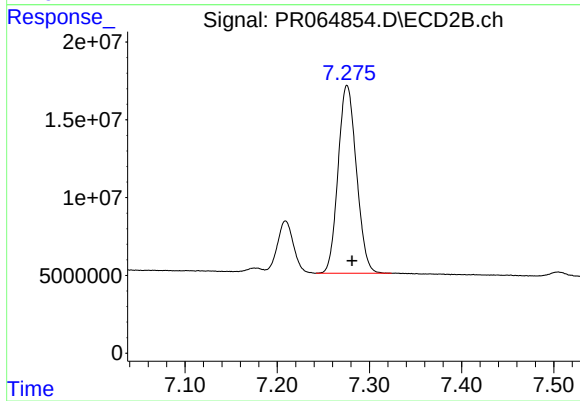
#41 AR-1268-1

R.T.: 7.209 min
Delta R.T.: -0.002 min
Response: 39838167
Conc: 53.37 ng/ml



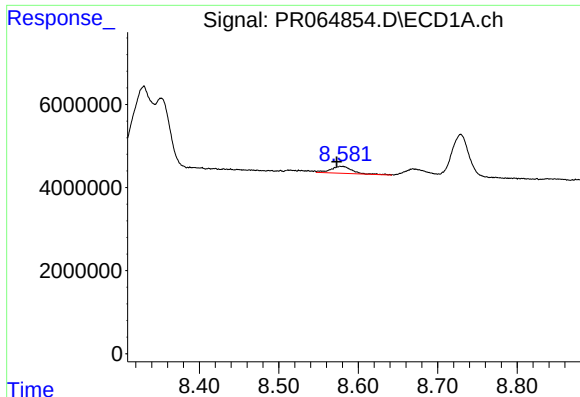
#42 AR-1268-2

R.T.: 8.352 min
Delta R.T.: 0.005 min
Response: 20243567
Conc: 40.47 ng/ml



#42 AR-1268-2

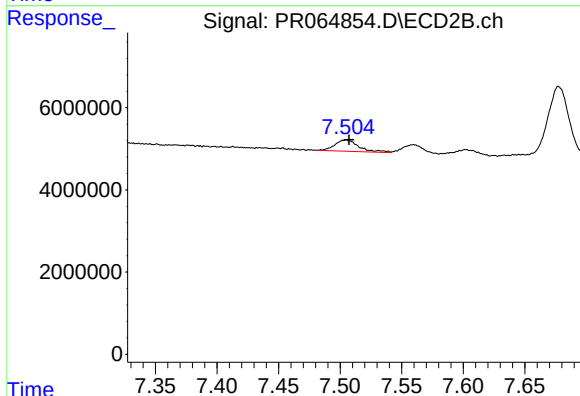
R.T.: 7.276 min
Delta R.T.: -0.005 min
Response: 166747213
Conc: 239.85 ng/ml



#43 AR-1268-3

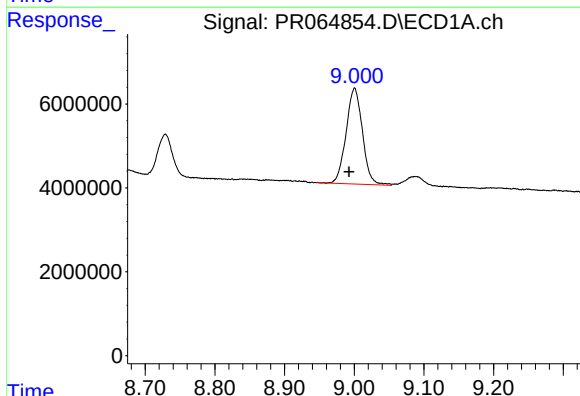
R.T.: 8.579 min
Delta R.T.: 0.006 min
Response: 3166850
Conc: 7.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



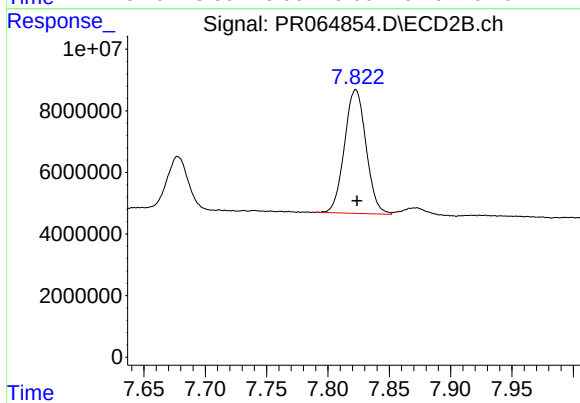
#43 AR-1268-3

R.T.: 7.505 min
Delta R.T.: -0.003 min
Response: 3745042
Conc: 6.41 ng/ml



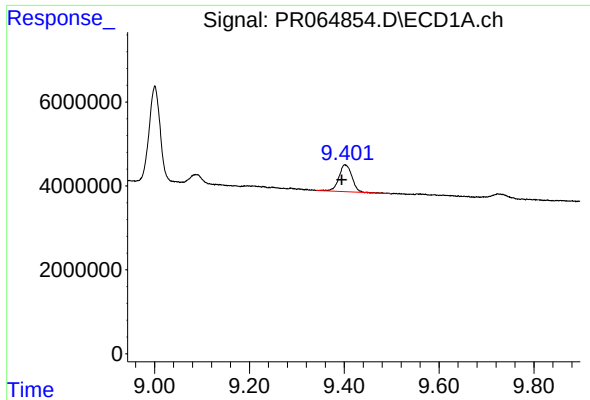
#44 AR-1268-4

R.T.: 9.001 min
Delta R.T.: 0.008 min
Response: 37169066
Conc: 203.07 ng/ml



#44 AR-1268-4

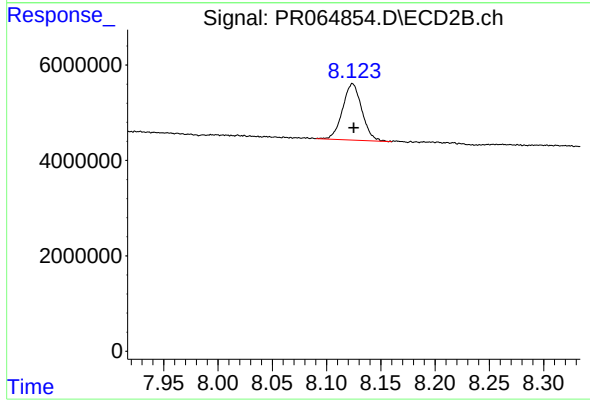
R.T.: 7.823 min
Delta R.T.: -0.001 min
Response: 49123496
Conc: 202.97 ng/ml



#45 AR-1268-5

R.T.: 9.401 min
Delta R.T.: 0.007 min
Response: 12138247
Conc: 9.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.124 min
Delta R.T.: -0.001 min
Response: 14636660
Conc: 8.32 ng/ml