

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102423\
 Data File : PR064247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 21:30
 Operator : AJ\MA
 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: Oct 25 01:49:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 13 05:04:13 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...	3.735	3.022	140.2E6	73168068	19.581	17.727
2)	SA Decachlor...	9.753	8.413	183.5E6	115.0E6	39.283	37.885
Target Compounds							
3)	L1 AR-1016-1	4.978	4.171	84856391	52743739	394.477	362.827
4)	L1 AR-1016-2	5.001	4.190	125.5E6	73948472	383.131	369.917
5)	L1 AR-1016-3	5.065	4.373	78886406	40670709	381.336	368.925
6)	L1 AR-1016-4	5.169	4.425	62850845	32757031	385.862	378.528
7)	L1 AR-1016-5	5.488	4.648	63890572	41138983	393.040	360.088
8)	L2 AR-1221-1	3.958	3.252	9418978	5833617	115.299	107.755
9)	L2 AR-1221-2	4.052	3.342	11604770	7659680	213.477	197.800
10)	L2 AR-1221-3	4.132	3.421	46664588	30331168	260.009	241.859
11)	L3 AR-1232-1	4.132	3.421	46664588	30331168	313.888	289.670
12)	L3 AR-1232-2	4.689	4.190	67041871	73948472	822.499	792.368
13)	L3 AR-1232-3	5.001	4.373	125.5E6	40670709	838.684	803.635
14)	L3 AR-1232-4	5.169	4.468	62850845	38668392	861.565	846.803
15)	L3 AR-1232-5	5.274	4.648	50983225	41138983	932.638	816.026
16)	L4 AR-1242-1	4.978	4.171	84856391	52743739	469.893	429.036
17)	L4 AR-1242-2	5.001	4.190	125.5E6	73948472	457.475	439.551
18)	L4 AR-1242-3	5.065	4.373	78886406	40670709	448.610	437.216
19)	L4 AR-1242-4	5.169	4.468	62850845	38668392	459.802	425.457
20)	L4 AR-1242-5	5.965	5.027	17809253	42269264	120.283	381.332 #
21)	L5 AR-1248-1	4.978	4.171	84856391	52743739	615.201	559.097
22)	L5 AR-1248-2	5.274	4.425	50983225	32757031	260.356	251.587
23)	L5 AR-1248-3	5.488	4.468	63890572	38668392	277.487	286.824
24)	L5 AR-1248-4	5.925	4.648	18412566	41138983	74.374	255.765 #
25)	L5 AR-1248-5	5.965	5.070	17809253	11282956	71.066	74.618
26)	L6 AR-1254-1	5.896	5.027	55604758	42269264	221.779	183.280
27)	L6 AR-1254-2	6.136	5.190	47883735	31665460	125.881	159.917 #
28)	L6 AR-1254-3	6.530	5.642	21419997	59619798	54.975	190.446 #
29)	L6 AR-1254-4	6.843	5.873	12165665	5234819	45.485	27.858 #
30)	L6 AR-1254-5	7.301	6.326	146.0E6	105.4E6	496.648	386.221
31)	L7 AR-1260-1	6.711	5.765	112.7E6	87452048	379.360	389.489
32)	L7 AR-1260-2	6.997	5.973	130.9E6	101.3E6	378.416	384.278
33)	L7 AR-1260-3	7.389	6.136	97174341	94883833	378.216	375.231
34)	L7 AR-1260-4	7.633	6.652	107.0E6	73037787	378.557	370.222
35)	L7 AR-1260-5	7.974	6.921	202.2E6	160.1E6	374.476	377.131
36)	L8 AR-1262-1	7.389	6.373	97174341	80421394	258.101	276.284
37)	L8 AR-1262-2	7.974	6.921	202.2E6	160.1E6	328.433	343.113
38)	L8 AR-1262-3	8.295	7.232	127.8E6	35535435	305.093	194.606 #
39)	L8 AR-1262-4	8.376	7.299	33185273	113.4E6	103.030	336.661 #
40)	L8 AR-1262-5	9.025	7.847	54717680	37838318	248.951	258.932
41)	L9 AR-1268-1	8.295	7.232	127.8E6	35535435	174.291	68.305 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

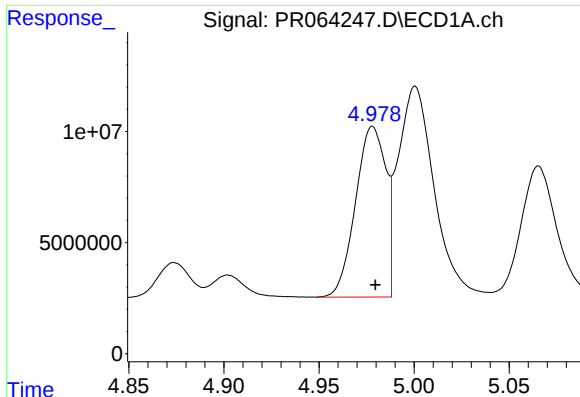
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 01:49:18 2023
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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	8.376	7.299	33185273	113.4E6	50.006	240.202 #
43) L9	AR-1268-3	8.603	7.530	2605348	1891584	4.523	4.735
44) L9	AR-1268-4	9.025	7.847	54717680	37838318	233.953	232.485
45) L9	AR-1268-5	9.427	8.149	15601740	10020410	8.769	8.566

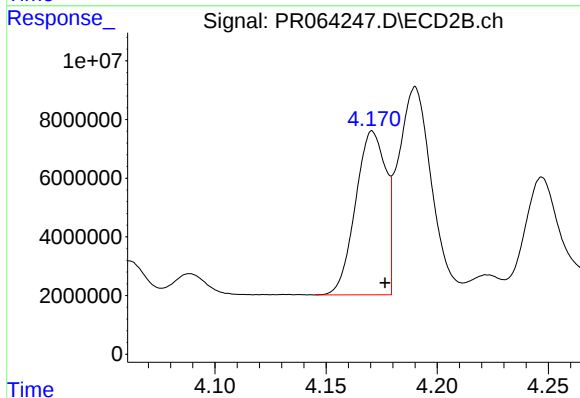
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

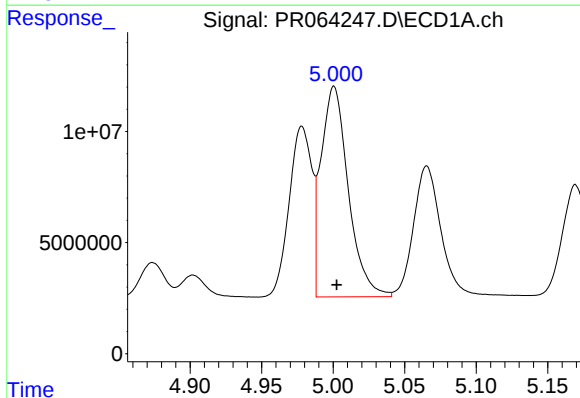
R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 84856391
Conc: 394.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



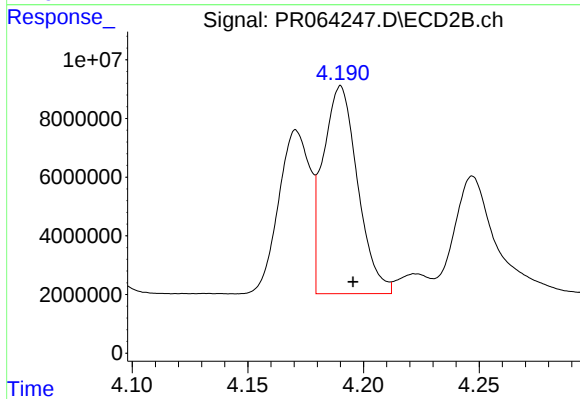
#3 AR-1016-1

R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 52743739
Conc: 362.83 ng/ml



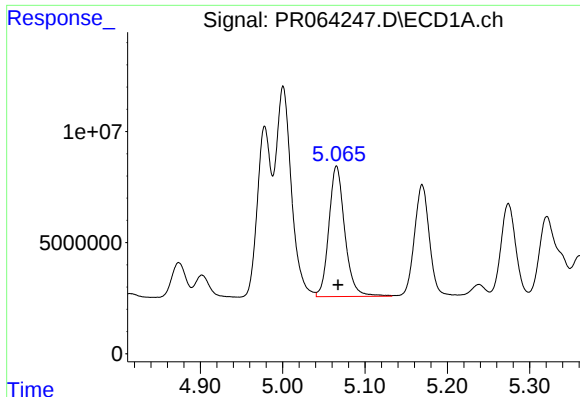
#4 AR-1016-2

R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 125538187
Conc: 383.13 ng/ml



#4 AR-1016-2

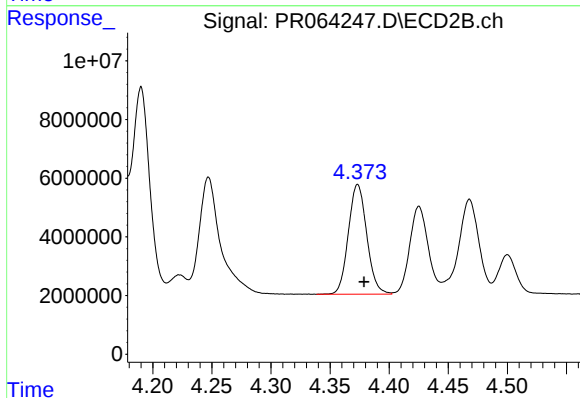
R.T.: 4.190 min
Delta R.T.: -0.005 min
Response: 73948472
Conc: 369.92 ng/ml



#5 AR-1016-3

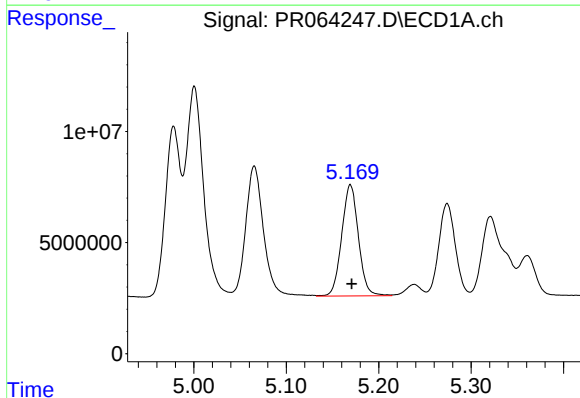
R.T.: 5.065 min
Delta R.T.: -0.002 min
Response: 78886406
Conc: 381.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



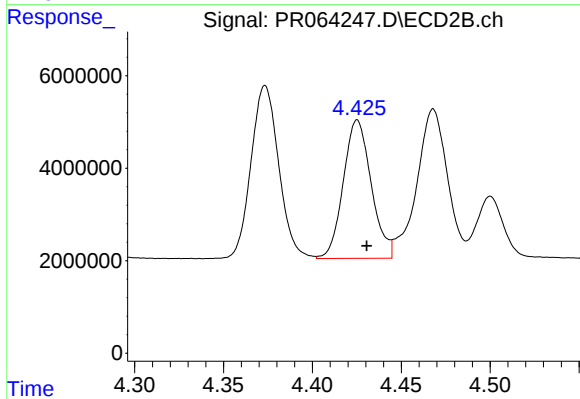
#5 AR-1016-3

R.T.: 4.373 min
Delta R.T.: -0.005 min
Response: 40670709
Conc: 368.92 ng/ml



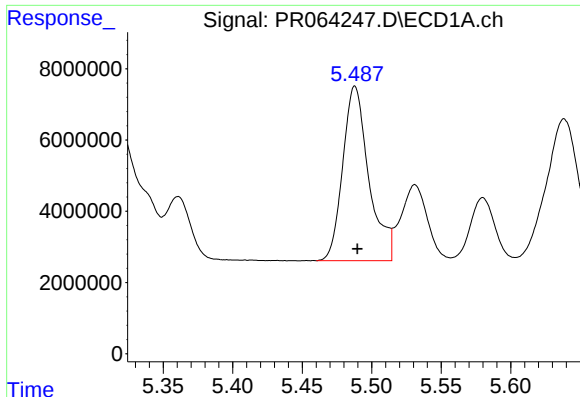
#6 AR-1016-4

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 62850845
Conc: 385.86 ng/ml



#6 AR-1016-4

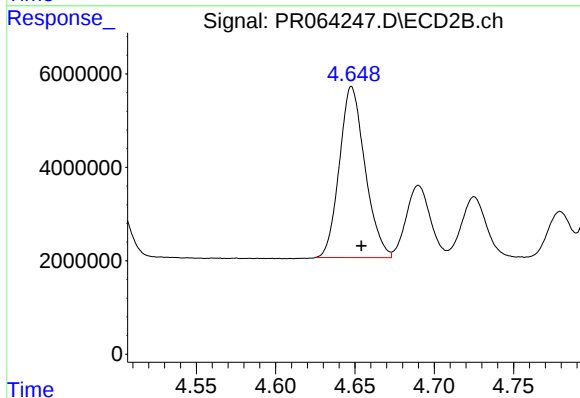
R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 32757031
Conc: 378.53 ng/ml



#7 AR-1016-5

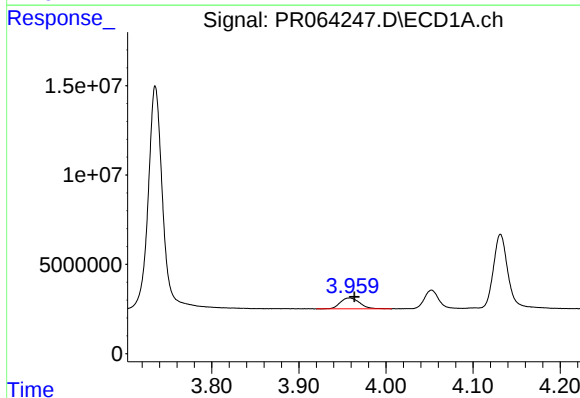
R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 63890572
Conc: 393.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



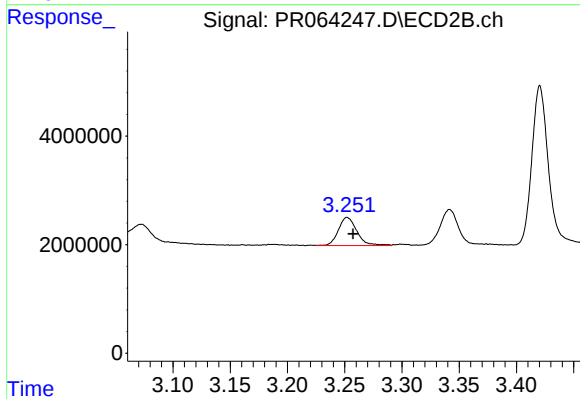
#7 AR-1016-5

R.T.: 4.648 min
Delta R.T.: -0.006 min
Response: 41138983
Conc: 360.09 ng/ml



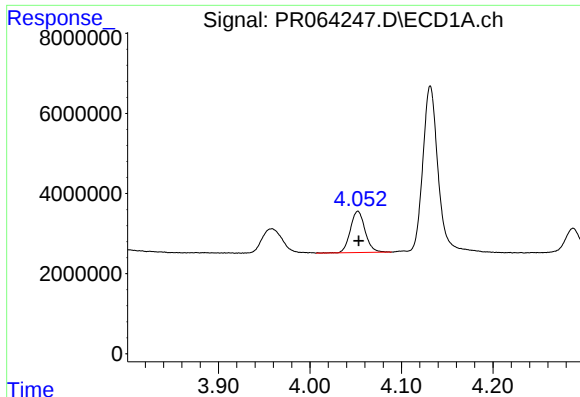
#8 AR-1221-1

R.T.: 3.958 min
Delta R.T.: -0.005 min
Response: 9418978
Conc: 115.30 ng/ml



#8 AR-1221-1

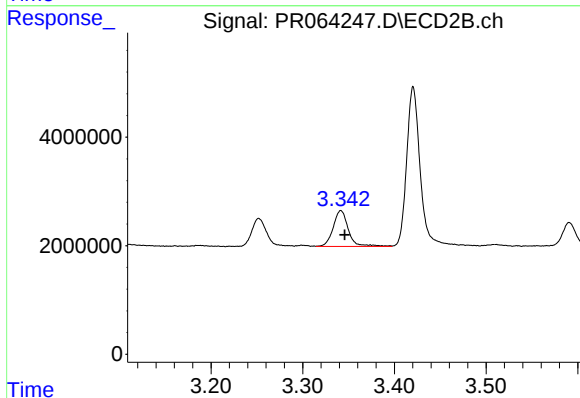
R.T.: 3.252 min
Delta R.T.: -0.005 min
Response: 5833617
Conc: 107.75 ng/ml



#9 AR-1221-2

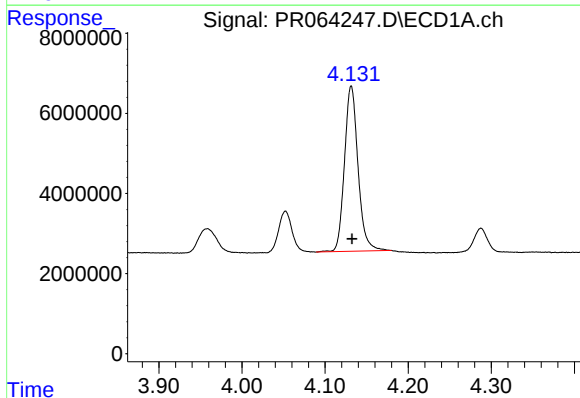
R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 11604770
Conc: 213.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



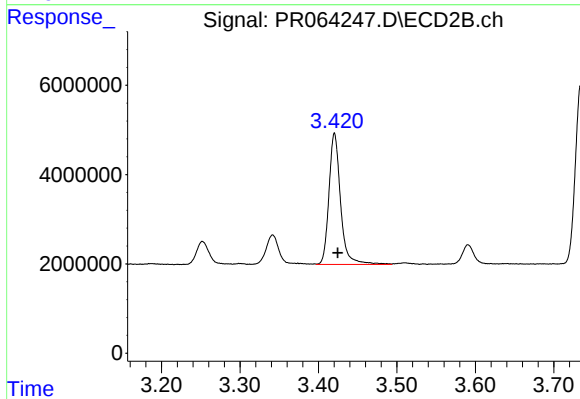
#9 AR-1221-2

R.T.: 3.342 min
Delta R.T.: -0.004 min
Response: 7659680
Conc: 197.80 ng/ml



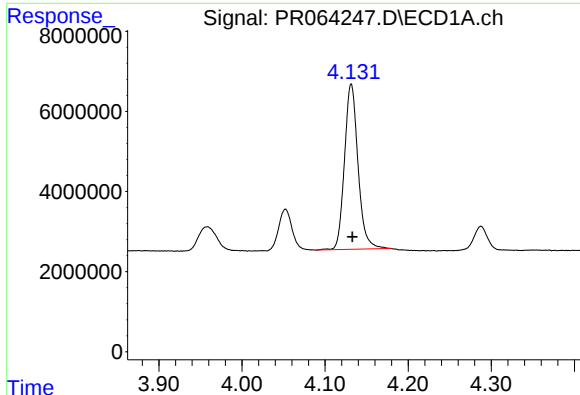
#10 AR-1221-3

R.T.: 4.132 min
Delta R.T.: -0.001 min
Response: 46664588
Conc: 260.01 ng/ml



#10 AR-1221-3

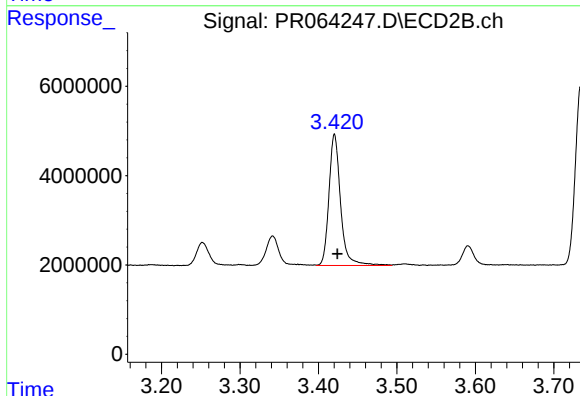
R.T.: 3.421 min
Delta R.T.: -0.004 min
Response: 30331168
Conc: 241.86 ng/ml



#11 AR-1232-1

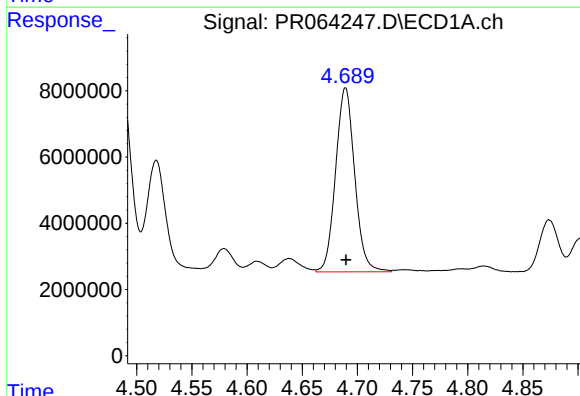
R.T.: 4.132 min
Delta R.T.: -0.001 min
Response: 46664588
Conc: 313.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



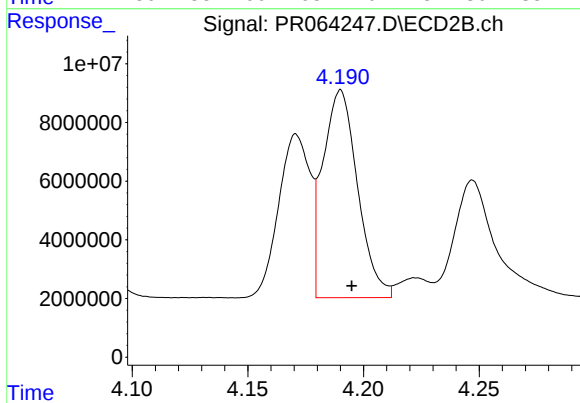
#11 AR-1232-1

R.T.: 3.421 min
Delta R.T.: -0.004 min
Response: 30331168
Conc: 289.67 ng/ml



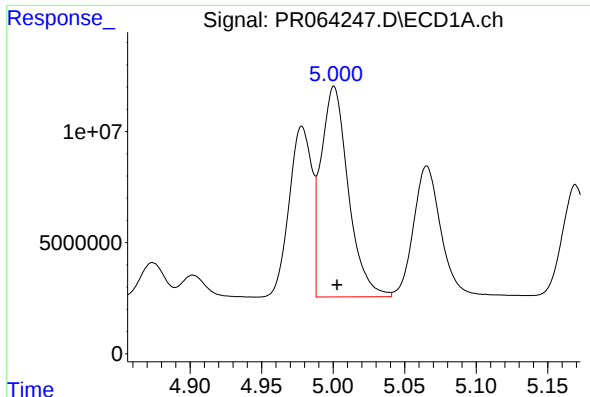
#12 AR-1232-2

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 67041871
Conc: 822.50 ng/ml



#12 AR-1232-2

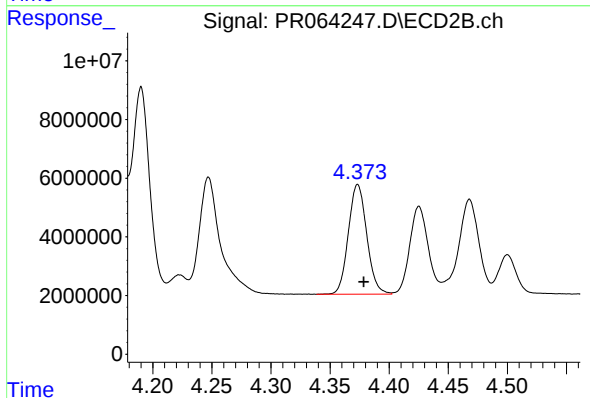
R.T.: 4.190 min
Delta R.T.: -0.005 min
Response: 73948472
Conc: 792.37 ng/ml



#13 AR-1232-3

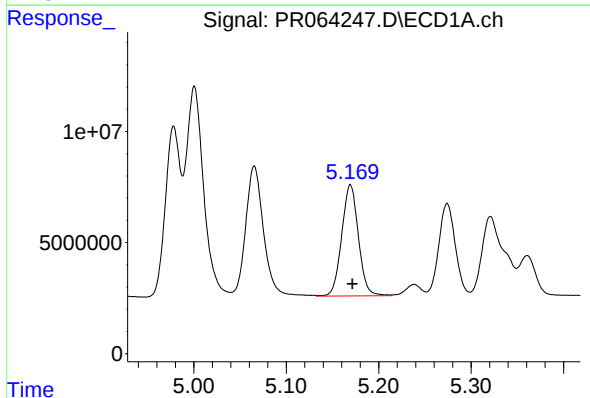
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 125538187
Conc: 838.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



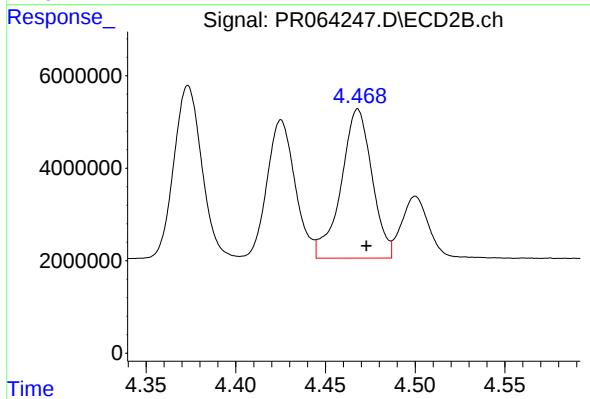
#13 AR-1232-3

R.T.: 4.373 min
Delta R.T.: -0.005 min
Response: 40670709
Conc: 803.64 ng/ml



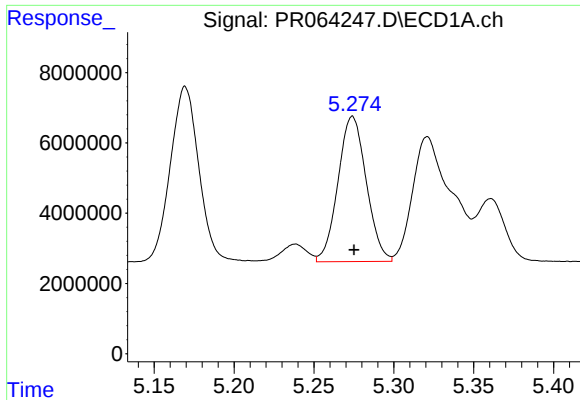
#14 AR-1232-4

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 62850845
Conc: 861.57 ng/ml



#14 AR-1232-4

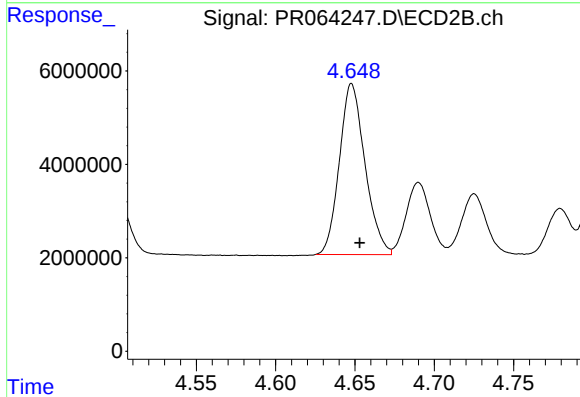
R.T.: 4.468 min
Delta R.T.: -0.005 min
Response: 38668392
Conc: 846.80 ng/ml



#15 AR-1232-5

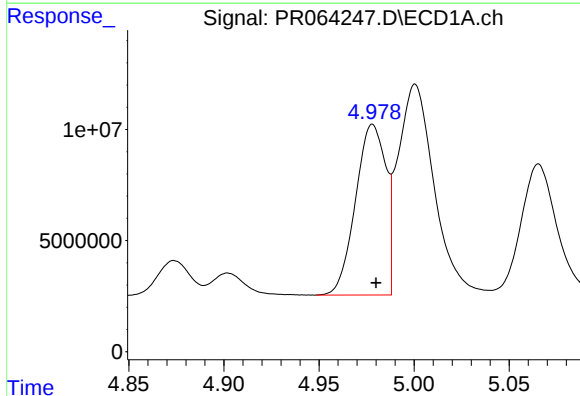
R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 50983225
Conc: 932.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



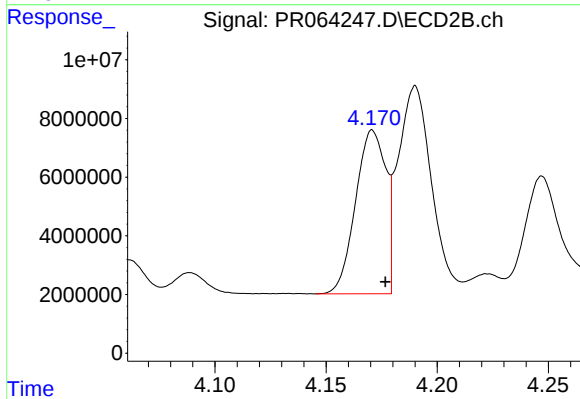
#15 AR-1232-5

R.T.: 4.648 min
Delta R.T.: -0.005 min
Response: 41138983
Conc: 816.03 ng/ml



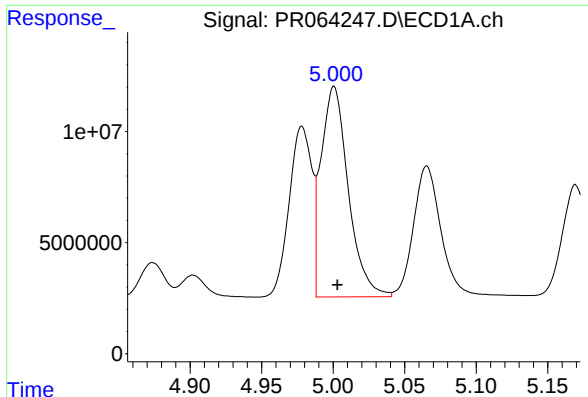
#16 AR-1242-1

R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 84856391
Conc: 469.89 ng/ml



#16 AR-1242-1

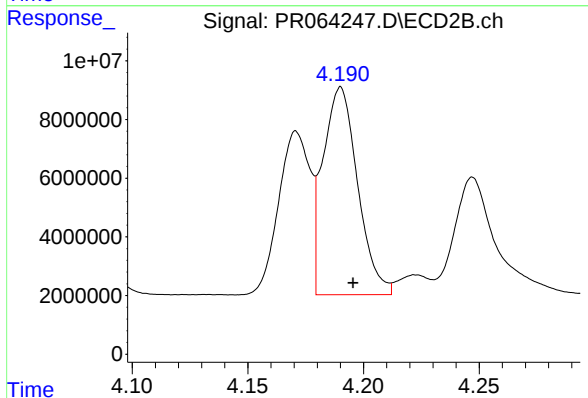
R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 52743739
Conc: 429.04 ng/ml



#17 AR-1242-2

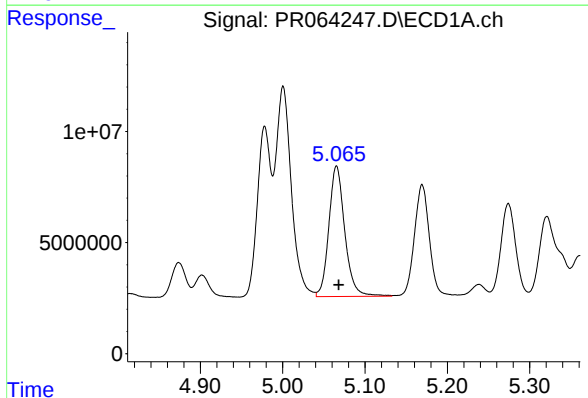
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 125538187
Conc: 457.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



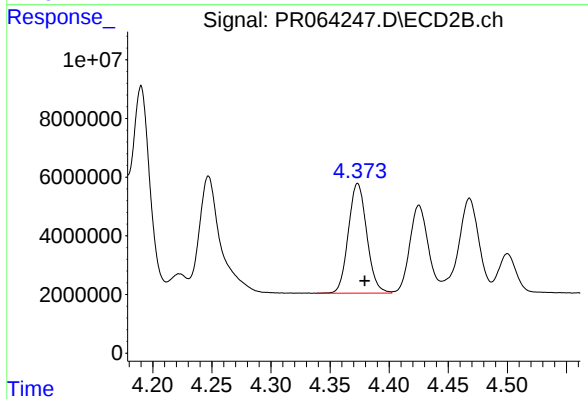
#17 AR-1242-2

R.T.: 4.190 min
Delta R.T.: -0.005 min
Response: 73948472
Conc: 439.55 ng/ml



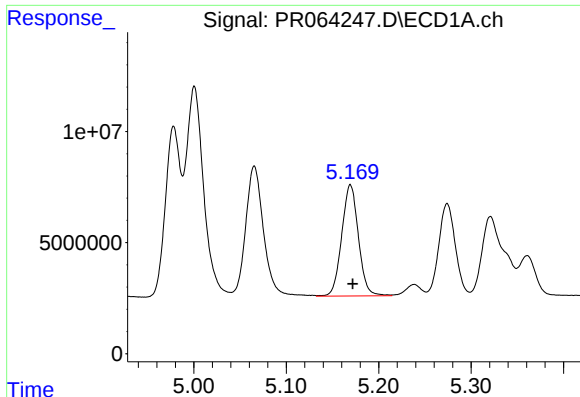
#18 AR-1242-3

R.T.: 5.065 min
Delta R.T.: -0.003 min
Response: 78886406
Conc: 448.61 ng/ml



#18 AR-1242-3

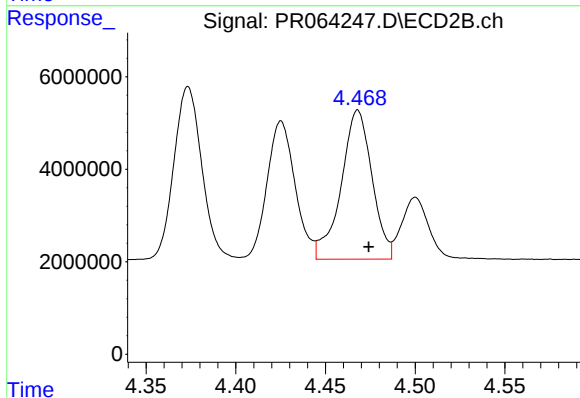
R.T.: 4.373 min
Delta R.T.: -0.006 min
Response: 40670709
Conc: 437.22 ng/ml



#19 AR-1242-4

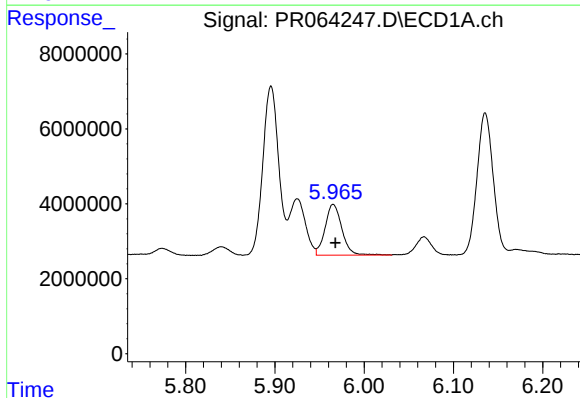
R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 62850845
Conc: 459.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



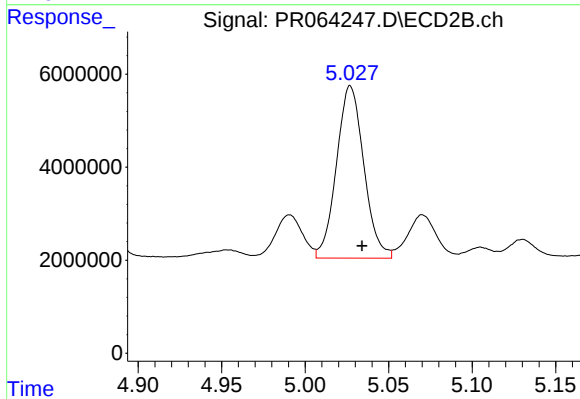
#19 AR-1242-4

R.T.: 4.468 min
Delta R.T.: -0.006 min
Response: 38668392
Conc: 425.46 ng/ml



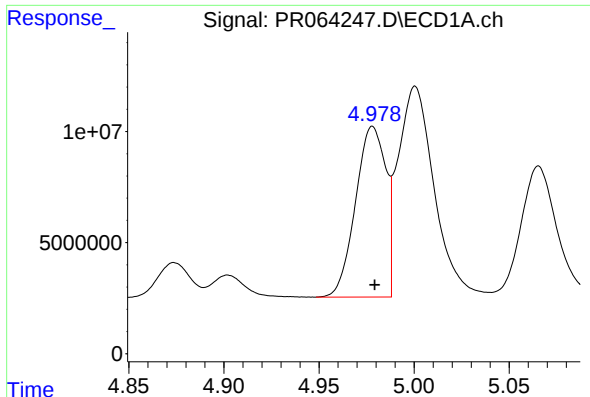
#20 AR-1242-5

R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 17809253
Conc: 120.28 ng/ml



#20 AR-1242-5

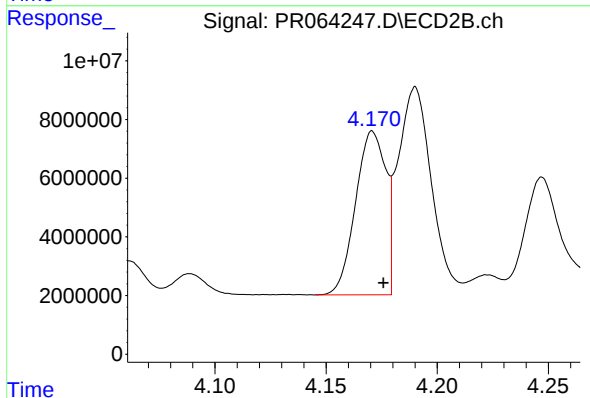
R.T.: 5.027 min
Delta R.T.: -0.007 min
Response: 42269264
Conc: 381.33 ng/ml



#21 AR-1248-1

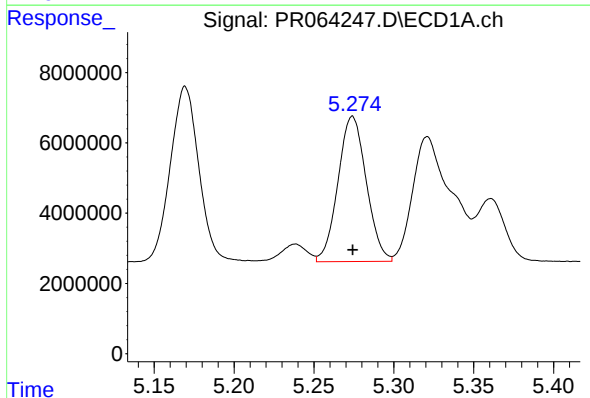
R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 84856391
Conc: 615.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



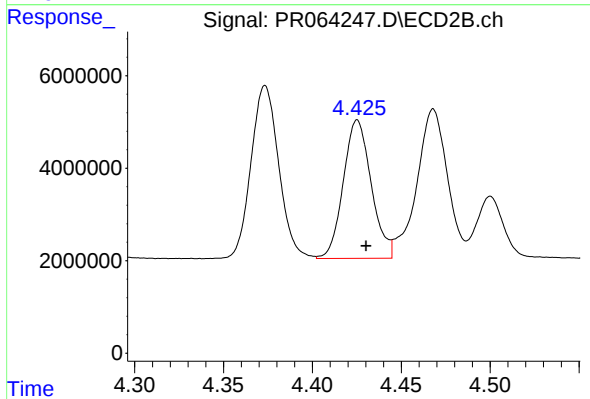
#21 AR-1248-1

R.T.: 4.171 min
Delta R.T.: -0.005 min
Response: 52743739
Conc: 559.10 ng/ml



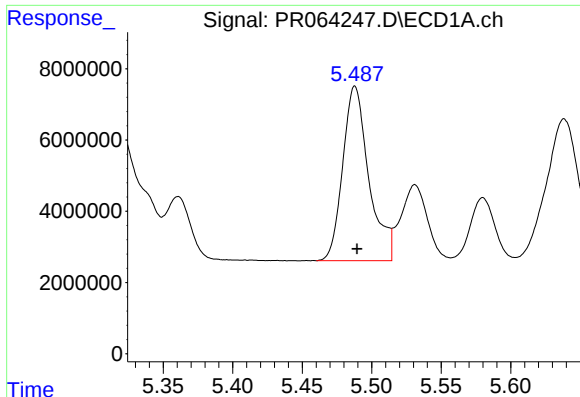
#22 AR-1248-2

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 50983225
Conc: 260.36 ng/ml



#22 AR-1248-2

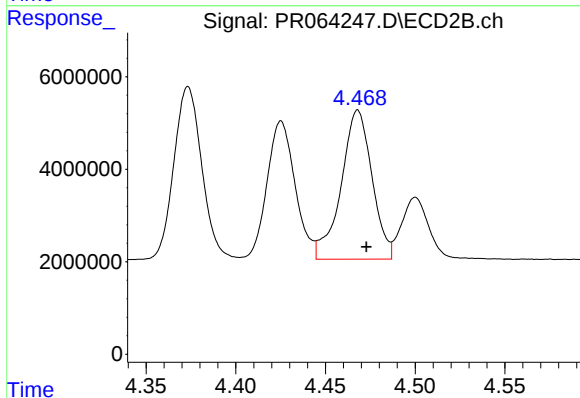
R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 32757031
Conc: 251.59 ng/ml



#23 AR-1248-3

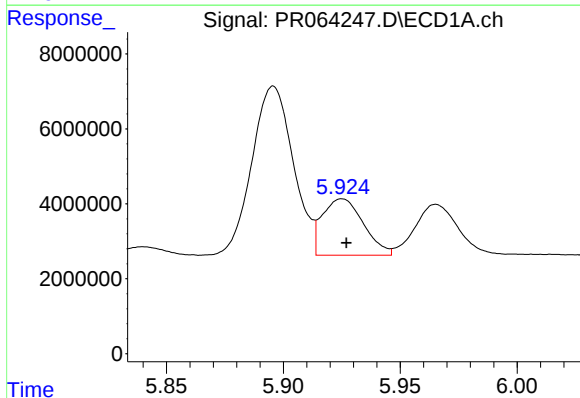
R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 63890572
Conc: 277.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



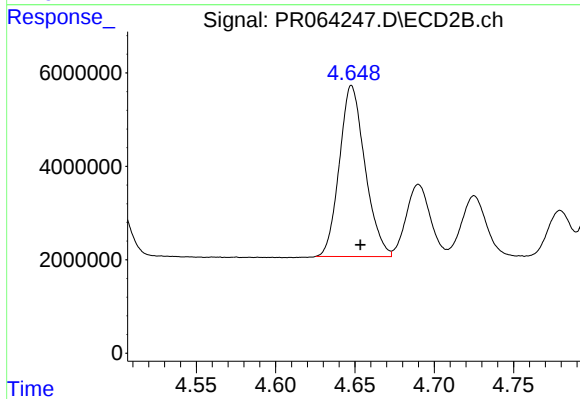
#23 AR-1248-3

R.T.: 4.468 min
Delta R.T.: -0.005 min
Response: 38668392
Conc: 286.82 ng/ml



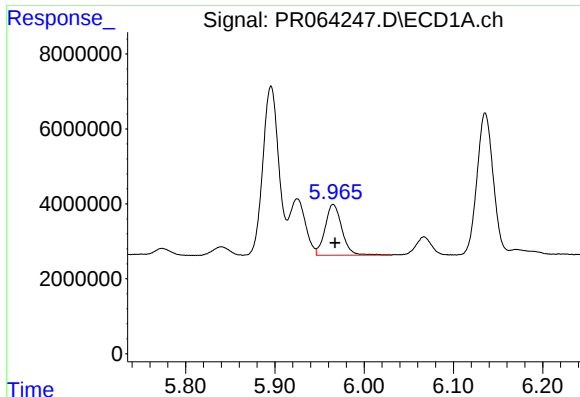
#24 AR-1248-4

R.T.: 5.925 min
Delta R.T.: -0.002 min
Response: 18412566
Conc: 74.37 ng/ml



#24 AR-1248-4

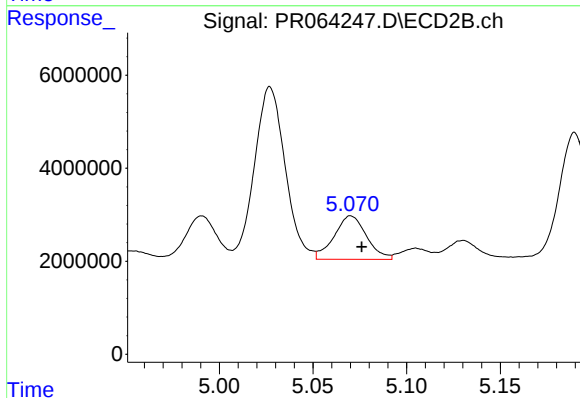
R.T.: 4.648 min
Delta R.T.: -0.005 min
Response: 41138983
Conc: 255.77 ng/ml



#25 AR-1248-5

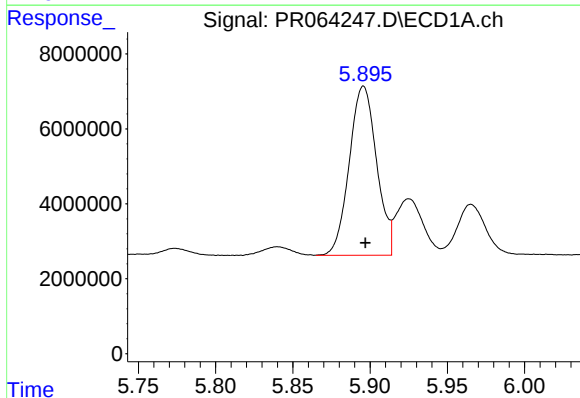
R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 17809253
Conc: 71.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



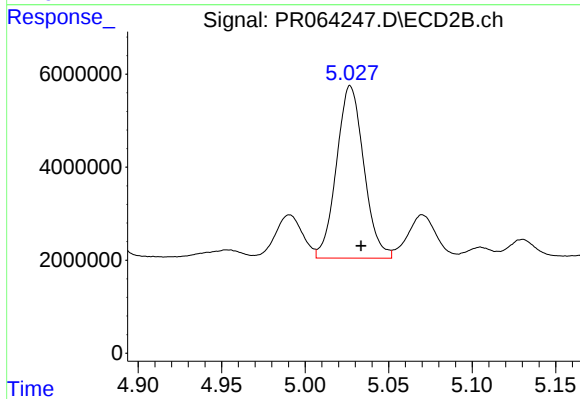
#25 AR-1248-5

R.T.: 5.070 min
Delta R.T.: -0.006 min
Response: 11282956
Conc: 74.62 ng/ml



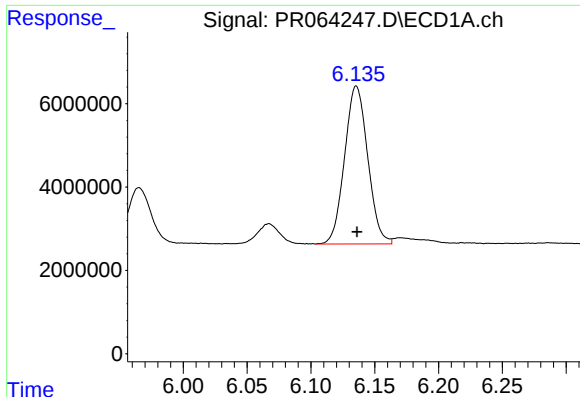
#26 AR-1254-1

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 55604758
Conc: 221.78 ng/ml



#26 AR-1254-1

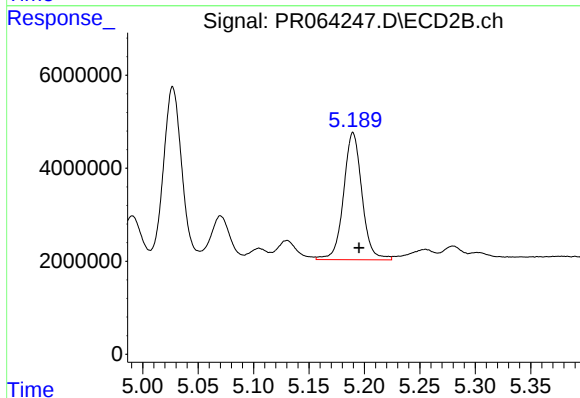
R.T.: 5.027 min
Delta R.T.: -0.006 min
Response: 42269264
Conc: 183.28 ng/ml



#27 AR-1254-2

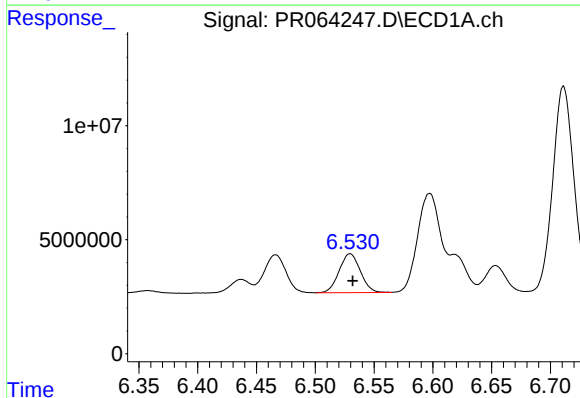
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 47883735
Conc: 125.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



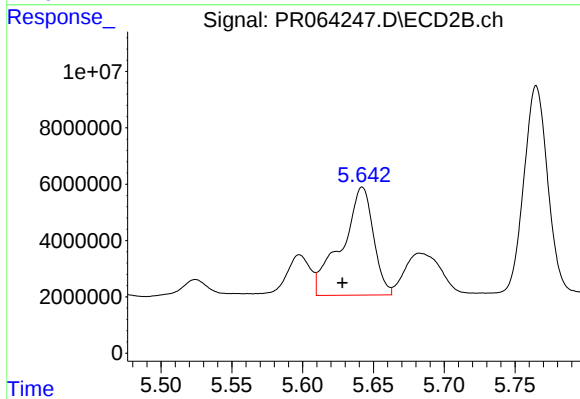
#27 AR-1254-2

R.T.: 5.190 min
Delta R.T.: -0.005 min
Response: 31665460
Conc: 159.92 ng/ml



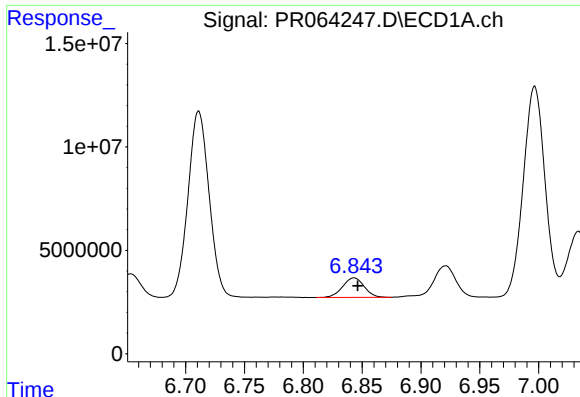
#28 AR-1254-3

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 21419997
Conc: 54.98 ng/ml



#28 AR-1254-3

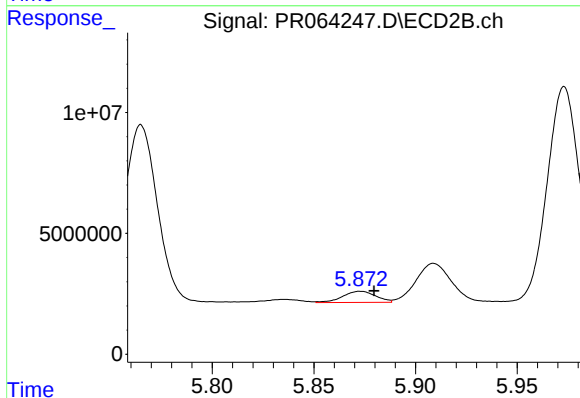
R.T.: 5.642 min
Delta R.T.: 0.014 min
Response: 59619798
Conc: 190.45 ng/ml



#29 AR-1254-4

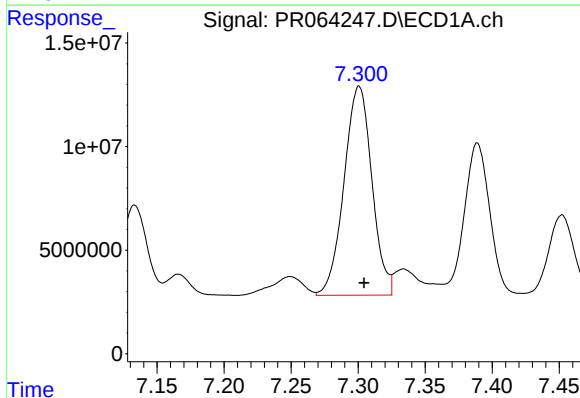
R.T.: 6.843 min
Delta R.T.: -0.003 min
Response: 12165665
Conc: 45.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



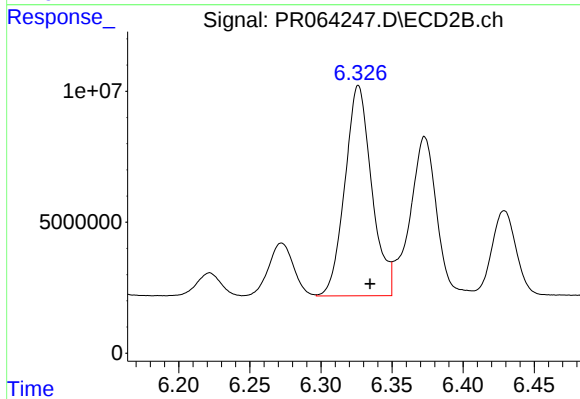
#29 AR-1254-4

R.T.: 5.873 min
Delta R.T.: -0.007 min
Response: 5234819
Conc: 27.86 ng/ml



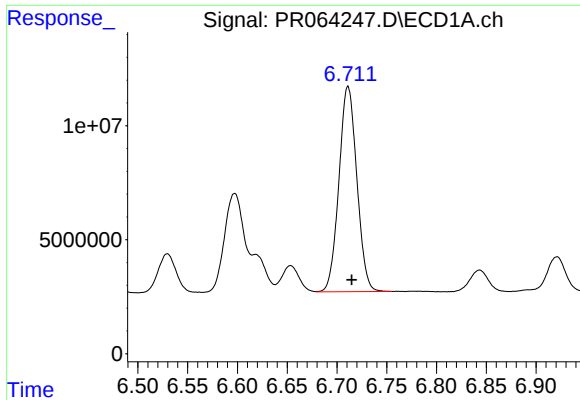
#30 AR-1254-5

R.T.: 7.301 min
Delta R.T.: -0.004 min
Response: 146019684
Conc: 496.65 ng/ml



#30 AR-1254-5

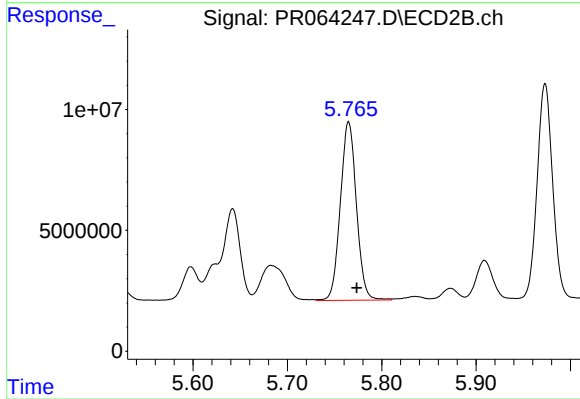
R.T.: 6.326 min
Delta R.T.: -0.008 min
Response: 105382040
Conc: 386.22 ng/ml



#31 AR-1260-1

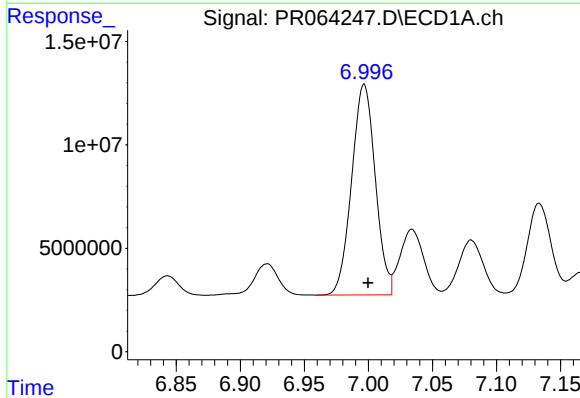
R.T.: 6.711 min
Delta R.T.: -0.004 min
Response: 112746866
Conc: 379.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



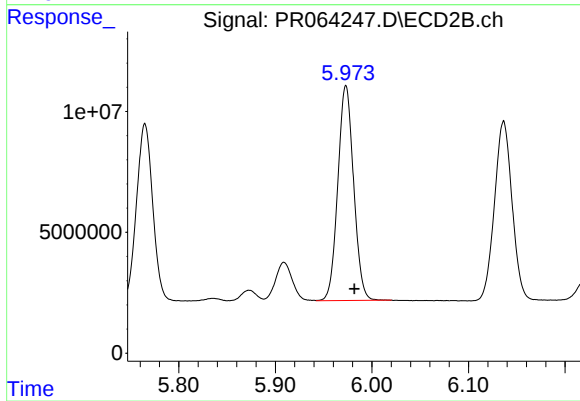
#31 AR-1260-1

R.T.: 5.765 min
Delta R.T.: -0.008 min
Response: 87452048
Conc: 389.49 ng/ml



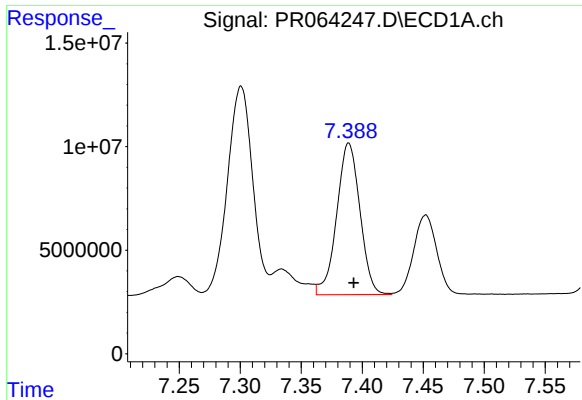
#32 AR-1260-2

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 130865329
Conc: 378.42 ng/ml



#32 AR-1260-2

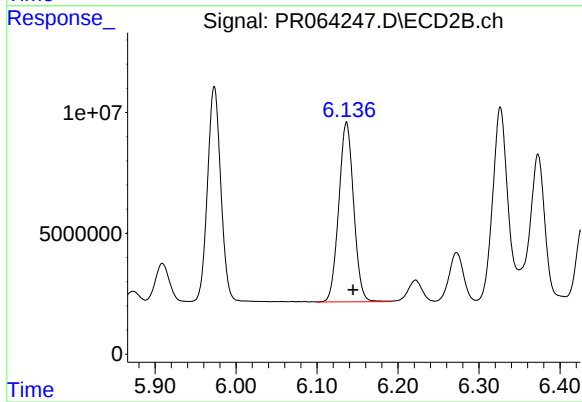
R.T.: 5.973 min
Delta R.T.: -0.009 min
Response: 101337018
Conc: 384.28 ng/ml



#33 AR-1260-3

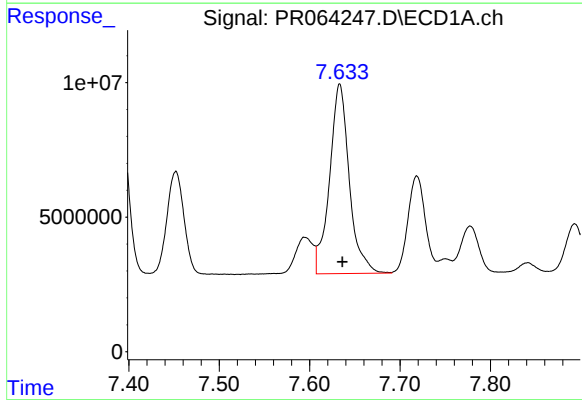
R.T.: 7.389 min
Delta R.T.: -0.004 min
Response: 97174341
Conc: 378.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



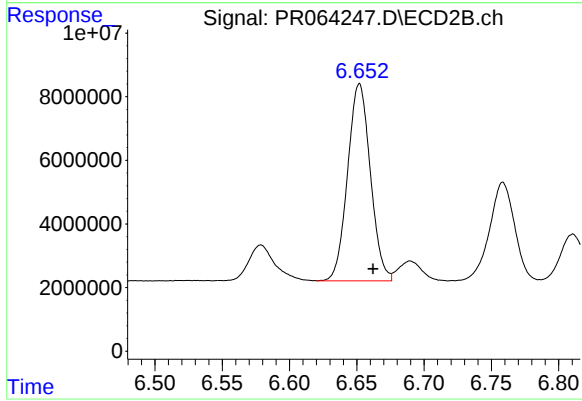
#33 AR-1260-3

R.T.: 6.136 min
Delta R.T.: -0.008 min
Response: 94883833
Conc: 375.23 ng/ml



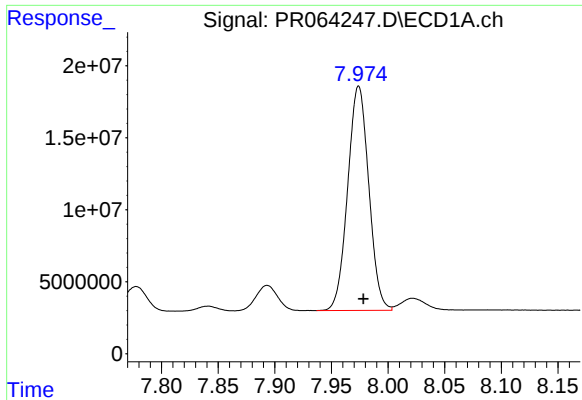
#34 AR-1260-4

R.T.: 7.633 min
Delta R.T.: -0.003 min
Response: 106987684
Conc: 378.56 ng/ml



#34 AR-1260-4

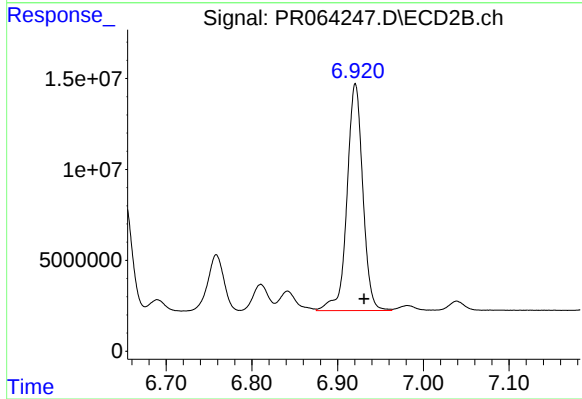
R.T.: 6.652 min
Delta R.T.: -0.010 min
Response: 73037787
Conc: 370.22 ng/ml



#35 AR-1260-5

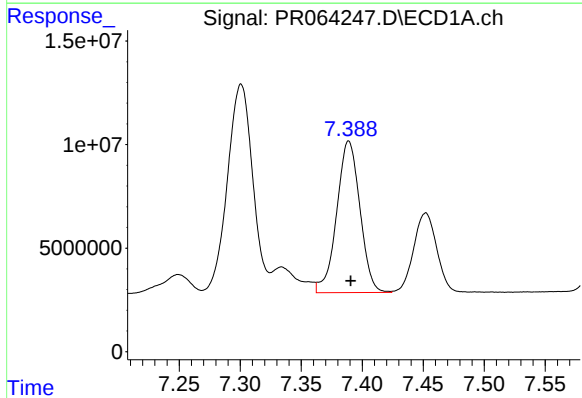
R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 202171249
Conc: 374.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



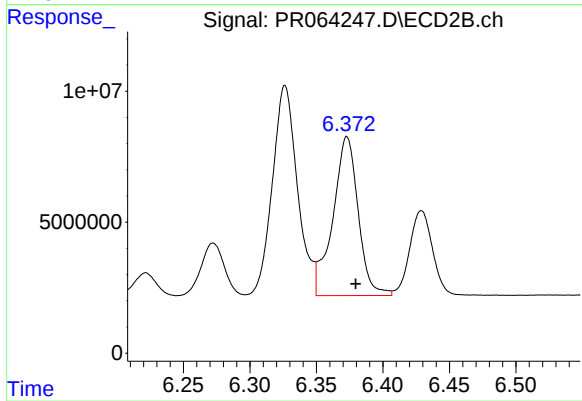
#35 AR-1260-5

R.T.: 6.921 min
Delta R.T.: -0.010 min
Response: 160145299
Conc: 377.13 ng/ml



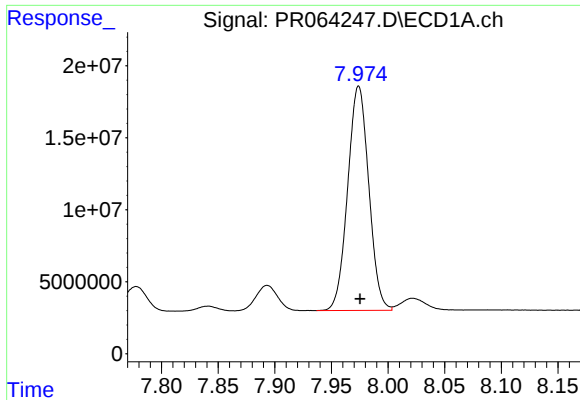
#36 AR-1262-1

R.T.: 7.389 min
Delta R.T.: -0.002 min
Response: 97174341
Conc: 258.10 ng/ml



#36 AR-1262-1

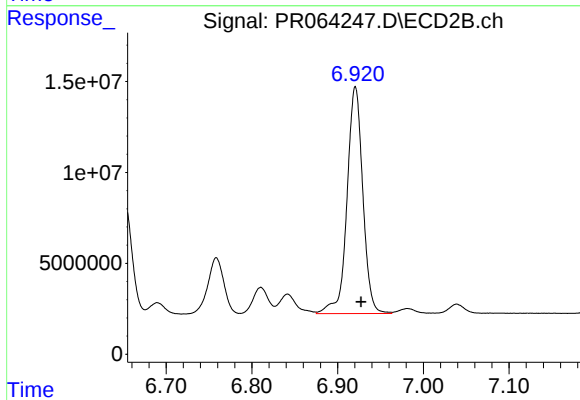
R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 80421394
Conc: 276.28 ng/ml



#37 AR-1262-2

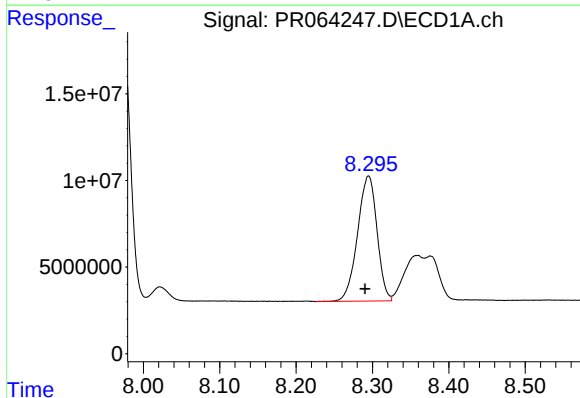
R.T.: 7.974 min
Delta R.T.: -0.001 min
Response: 202171249
Conc: 328.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



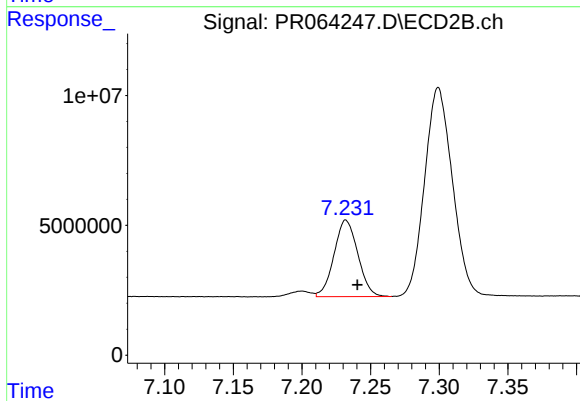
#37 AR-1262-2

R.T.: 6.921 min
Delta R.T.: -0.007 min
Response: 160145299
Conc: 343.11 ng/ml



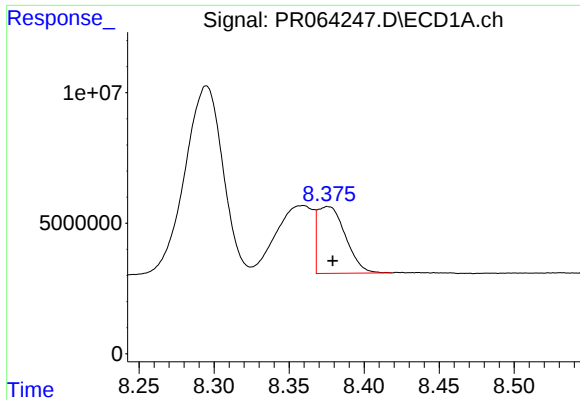
#38 AR-1262-3

R.T.: 8.295 min
Delta R.T.: 0.004 min
Response: 127843815
Conc: 305.09 ng/ml



#38 AR-1262-3

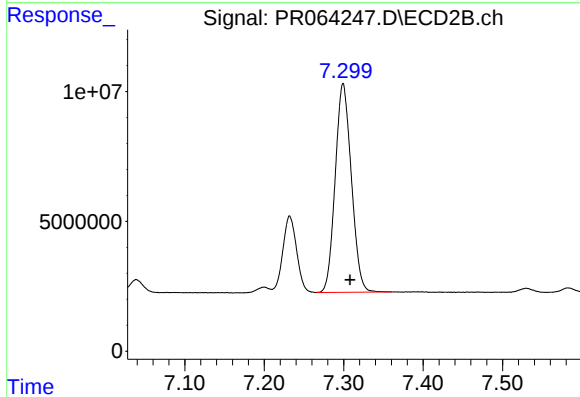
R.T.: 7.232 min
Delta R.T.: -0.008 min
Response: 35535435
Conc: 194.61 ng/ml



#39 AR-1262-4

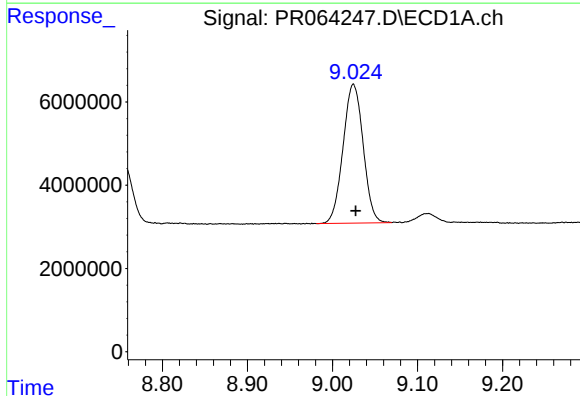
R.T.: 8.376 min
Delta R.T.: -0.003 min
Response: 33185273
Conc: 103.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



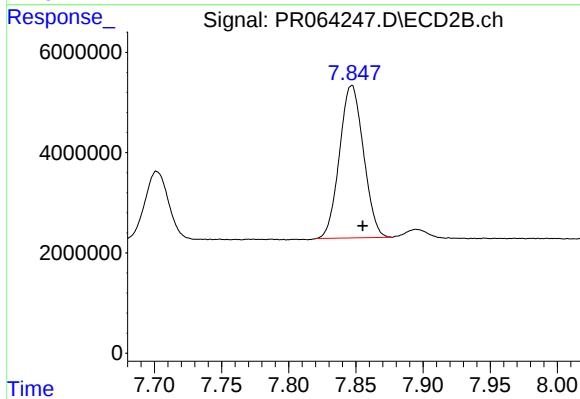
#39 AR-1262-4

R.T.: 7.299 min
Delta R.T.: -0.009 min
Response: 113400874
Conc: 336.66 ng/ml



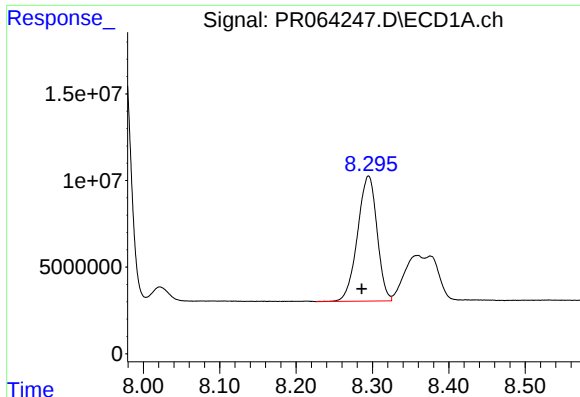
#40 AR-1262-5

R.T.: 9.025 min
Delta R.T.: -0.003 min
Response: 54717680
Conc: 248.95 ng/ml



#40 AR-1262-5

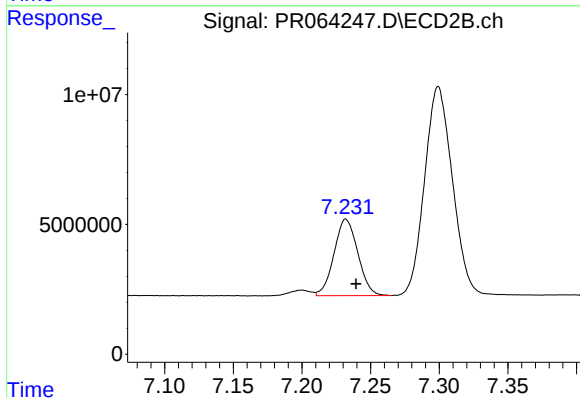
R.T.: 7.847 min
Delta R.T.: -0.008 min
Response: 37838318
Conc: 258.93 ng/ml



#41 AR-1268-1

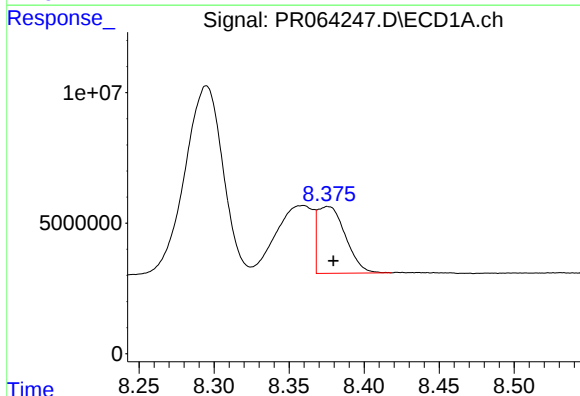
R.T.: 8.295 min
Delta R.T.: 0.009 min
Response: 127843815
Conc: 174.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



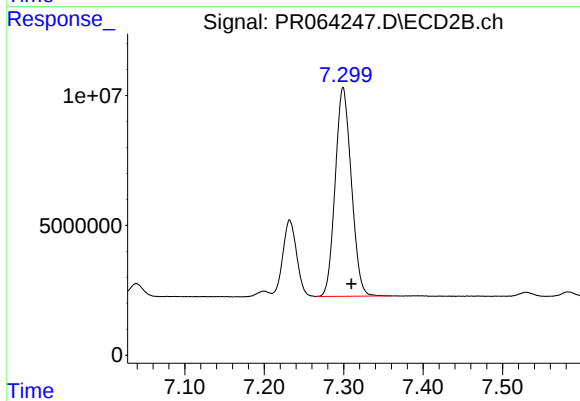
#41 AR-1268-1

R.T.: 7.232 min
Delta R.T.: -0.007 min
Response: 35535435
Conc: 68.31 ng/ml



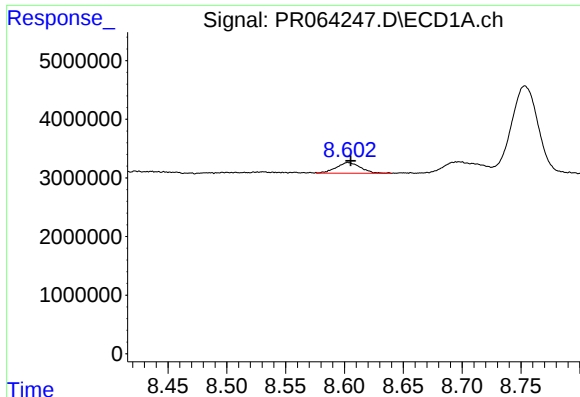
#42 AR-1268-2

R.T.: 8.376 min
Delta R.T.: -0.004 min
Response: 33185273
Conc: 50.01 ng/ml



#42 AR-1268-2

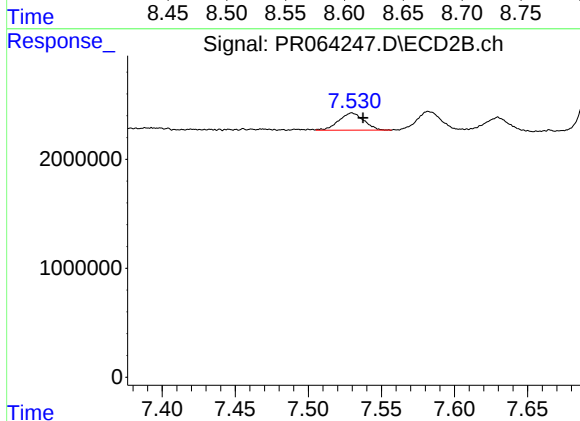
R.T.: 7.299 min
Delta R.T.: -0.010 min
Response: 113400874
Conc: 240.20 ng/ml



#43 AR-1268-3

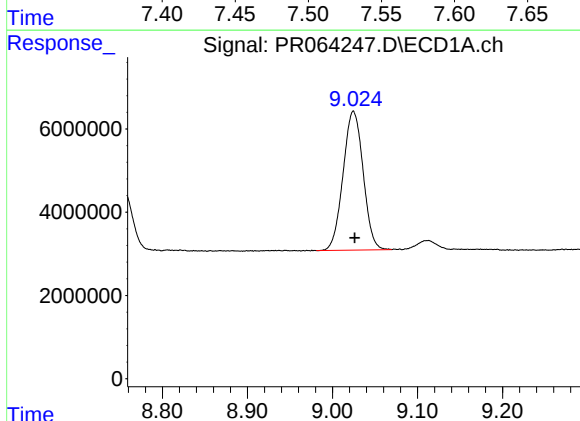
R.T.: 8.603 min
Delta R.T.: -0.002 min
Response: 2605348
Conc: 4.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



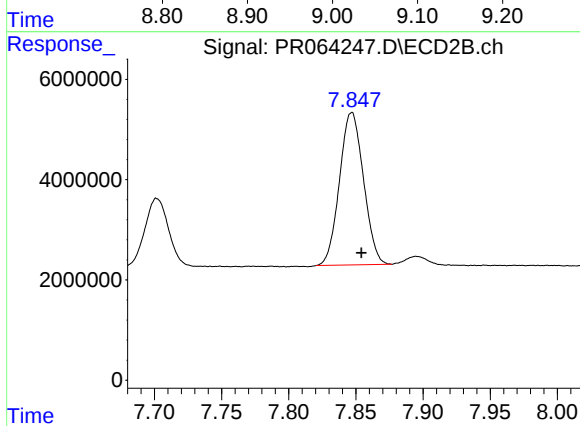
#43 AR-1268-3

R.T.: 7.530 min
Delta R.T.: -0.008 min
Response: 1891584
Conc: 4.74 ng/ml



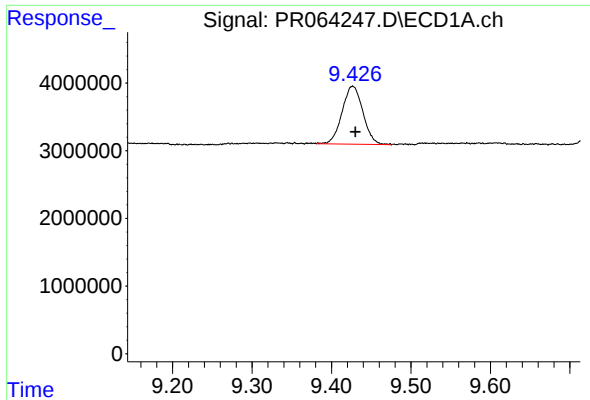
#44 AR-1268-4

R.T.: 9.025 min
Delta R.T.: -0.001 min
Response: 54717680
Conc: 233.95 ng/ml



#44 AR-1268-4

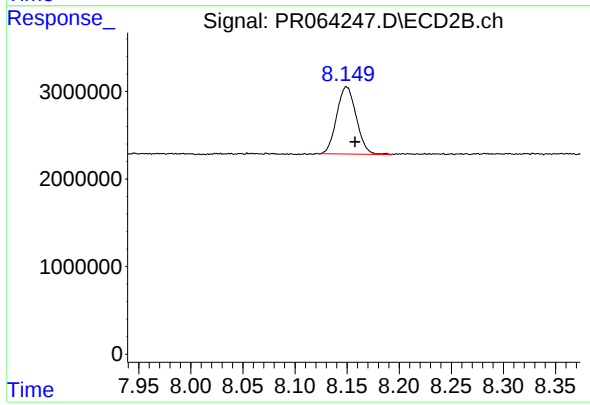
R.T.: 7.847 min
Delta R.T.: -0.007 min
Response: 37838318
Conc: 232.48 ng/ml



#45 AR-1268-5

R.T.: 9.427 min
Delta R.T.: -0.004 min
Response: 15601740
Conc: 8.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.149 min
Delta R.T.: -0.008 min
Response: 10020410
Conc: 8.57 ng/ml