

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121923\
 Data File : PR064771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 09:43
 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: Dec 20 00:12:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 15 04:19:57 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...	3.702	3.007	121.4E6	108.0E6	20.094	19.999
2)	SA Decachlor...	9.725	8.386	84477139	91641148	38.336	34.999
Target Compounds							
3)	L1 AR-1016-1	4.941	4.154	73673483	73503796	406.968	396.116
4)	L1 AR-1016-2	4.963	4.173	107.0E6	102.9E6	403.459	405.168
5)	L1 AR-1016-3	5.028	4.356	67723861	55472543	401.716	402.009
6)	L1 AR-1016-4	5.131	4.407	55094545	42618438	404.619	400.382
7)	L1 AR-1016-5	5.451	4.631	53400627	56630138	389.059	404.201
8)	L2 AR-1221-1	3.924	3.237	8749591	7077954	127.720	116.931
9)	L2 AR-1221-2	4.017	3.326	10611298	9120376	227.801	216.111
10)	L2 AR-1221-3	4.096	3.404	44529327	39378614	289.406	274.921
11)	L3 AR-1232-1	4.096	3.404	44529327	39378614	372.569	357.499
12)	L3 AR-1232-2	4.651	4.173	58192777	102.9E6	872.868	961.075
13)	L3 AR-1232-3	4.963	4.356	107.0E6	55472543	934.112	979.345
14)	L3 AR-1232-4	5.131	4.450	55094545	52040589	941.804	1048.961
15)	L3 AR-1232-5	5.237	4.631	43319222	56630138	1018.937	1046.309
16)	L4 AR-1242-1	4.941	4.154	73673483	73503796	509.220	501.159
17)	L4 AR-1242-2	4.963	4.173	107.0E6	102.9E6	512.720	516.518
18)	L4 AR-1242-3	5.028	4.356	67723861	55472543	500.659	512.867
19)	L4 AR-1242-4	5.131	4.450	55094545	52040589	510.479	500.460
20)	L4 AR-1242-5	5.931	5.009	14397745	54982622	125.790	408.863 #
21)	L5 AR-1248-1	4.941	4.154	73673483	73503796	673.075	661.964
22)	L5 AR-1248-2	5.237	4.407	43319222	42618438	277.372	283.625
23)	L5 AR-1248-3	5.451	4.450	53400627	52040589	292.174	331.236
24)	L5 AR-1248-4	5.890	4.631	17241570	56630138	88.152	298.388 #
25)	L5 AR-1248-5	5.931	5.053	14397745	13139383	73.646	68.038
26)	L6 AR-1254-1	5.860	5.009	45269038	54982622	225.099	191.257
27)	L6 AR-1254-2	6.100	5.172	40006267	39202939	131.536	157.425
28)	L6 AR-1254-3	6.496	5.623	18905060	74431230	60.736	187.056 #
29)	L6 AR-1254-4	6.810	5.853	11902181	5940577	54.126	23.790 #
30)	L6 AR-1254-5	7.271	6.306	124.3E6	145.3E6	523.414	407.779
31)	L7 AR-1260-1	6.678	5.746	96195642	110.5E6	384.952	382.227
32)	L7 AR-1260-2	6.964	5.953	111.1E6	132.3E6	388.684	380.789
33)	L7 AR-1260-3	7.359	6.116	84436447	124.6E6	398.226	378.401
34)	L7 AR-1260-4	7.604	6.631	89817523	100.3E6	390.762	371.770
35)	L7 AR-1260-5	7.946	6.900	164.0E6	227.5E6	382.288	364.092
36)	L8 AR-1262-1	7.359	6.351	84436447	107.4E6	293.634	294.184
37)	L8 AR-1262-2	7.946	6.900	164.0E6	227.5E6	352.082	344.870
38)	L8 AR-1262-3	8.267	7.211	101.8E6	48181511	322.906	192.153 #
39)	L8 AR-1262-4	8.330	7.277	60748406	161.7E6	254.779	338.793 #
40)	L8 AR-1262-5	8.997	7.825	45459951	54297608	279.717	255.729
41)	L9 AR-1268-1	8.267	7.211	101.8E6	48181511	178.652	61.638 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121923\
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 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

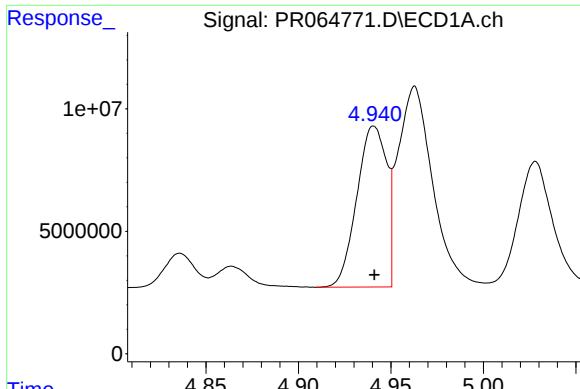
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 00:12:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121423CLP.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	8.330	7.277	60748406	161.7E6	120.008	225.333 #
43) L9	AR-1268-3	8.577	7.507	3387188	2504668	7.651	4.182 #
44) L9	AR-1268-4	8.997	7.825	45459951	54297608	244.632	217.350
45) L9	AR-1268-5	9.400	8.125	12151478	13372177	9.077	7.437

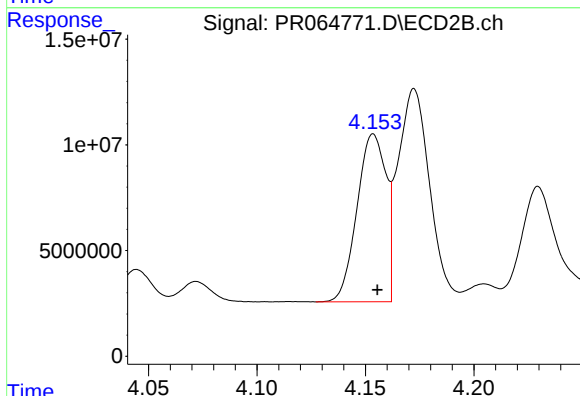
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

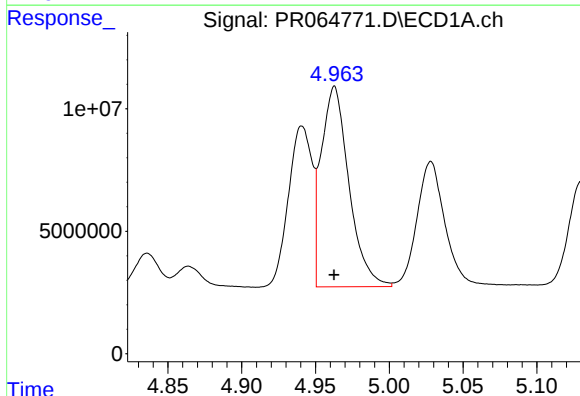
R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 73673483
Conc: 406.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



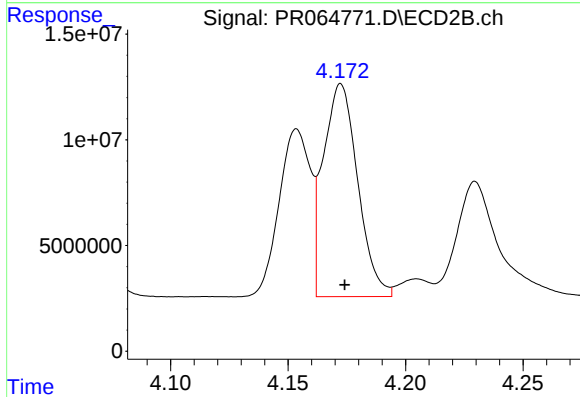
#3 AR-1016-1

R.T.: 4.154 min
Delta R.T.: -0.002 min
Response: 73503796
Conc: 396.12 ng/ml



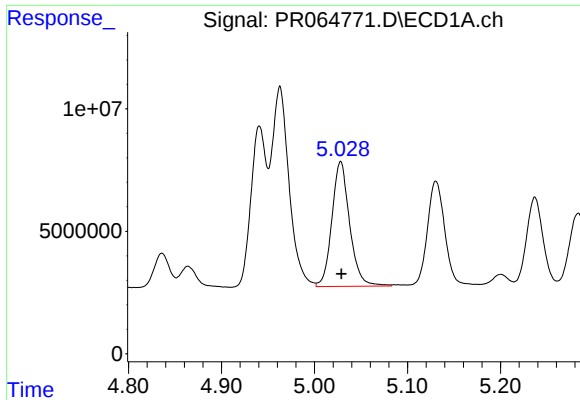
#4 AR-1016-2

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 107035849
Conc: 403.46 ng/ml



#4 AR-1016-2

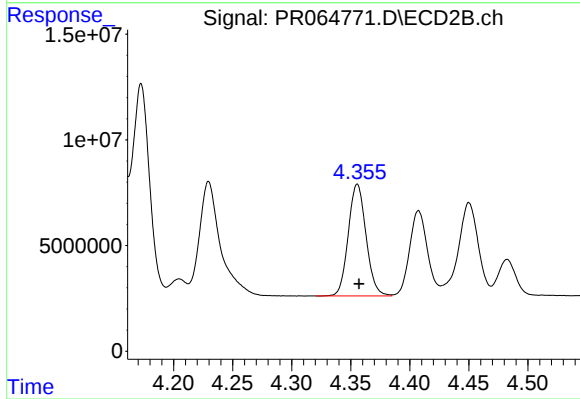
R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 102855439
Conc: 405.17 ng/ml



#5 AR-1016-3

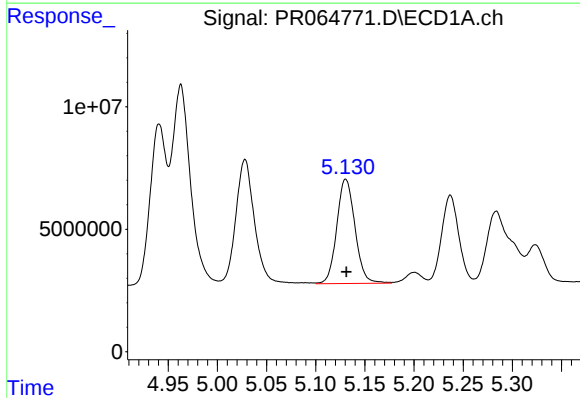
R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 67723861
Conc: 401.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



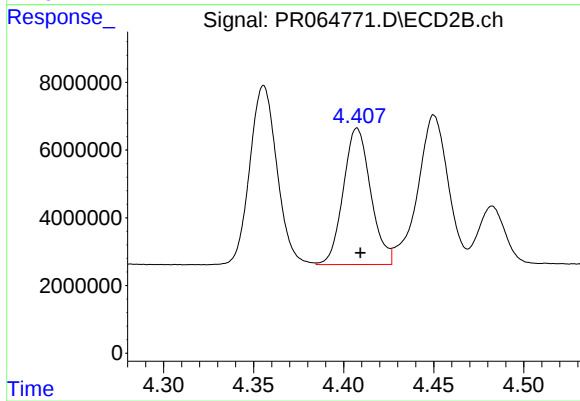
#5 AR-1016-3

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 55472543
Conc: 402.01 ng/ml



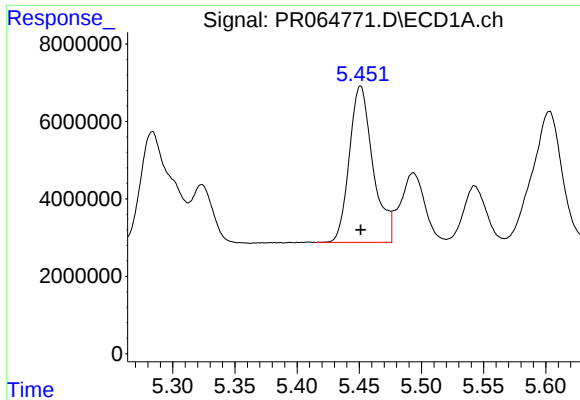
#6 AR-1016-4

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 55094545
Conc: 404.62 ng/ml



#6 AR-1016-4

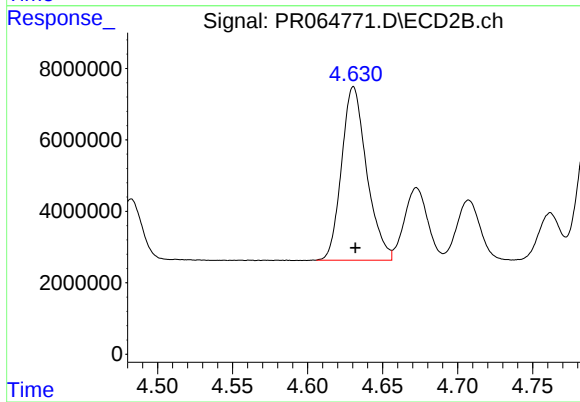
R.T.: 4.407 min
Delta R.T.: -0.002 min
Response: 42618438
Conc: 400.38 ng/ml



#7 AR-1016-5

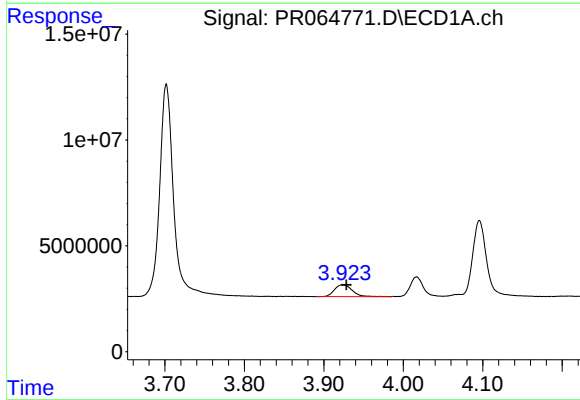
R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 53400627
Conc: 389.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



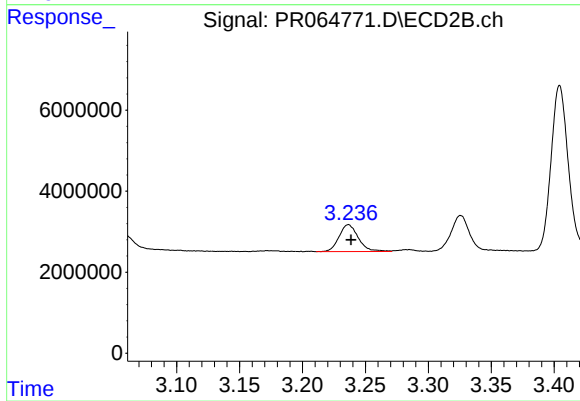
#7 AR-1016-5

R.T.: 4.631 min
Delta R.T.: -0.001 min
Response: 56630138
Conc: 404.20 ng/ml



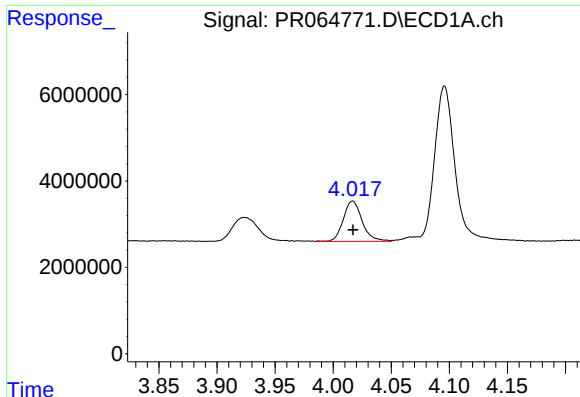
#8 AR-1221-1

R.T.: 3.924 min
Delta R.T.: -0.005 min
Response: 8749591
Conc: 127.72 ng/ml



#8 AR-1221-1

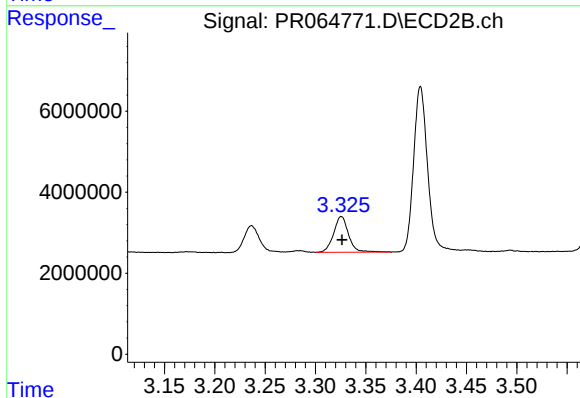
R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 7077954
Conc: 116.93 ng/ml



#9 AR-1221-2

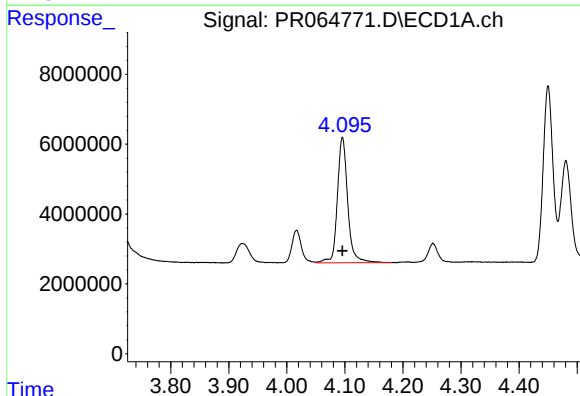
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 10611298
Conc: 227.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



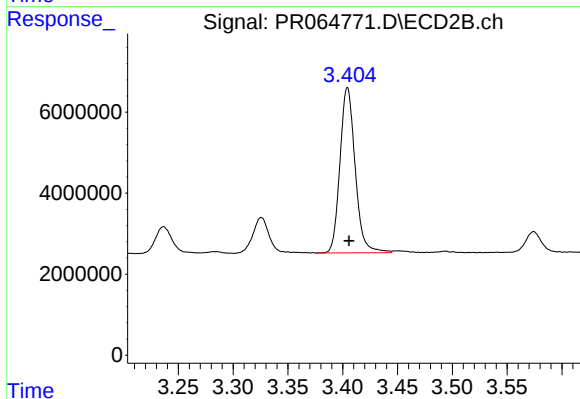
#9 AR-1221-2

R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 9120376
Conc: 216.11 ng/ml



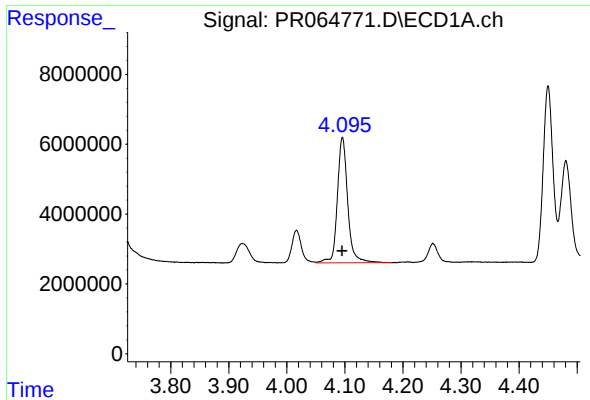
#10 AR-1221-3

R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 44529327
Conc: 289.41 ng/ml



#10 AR-1221-3

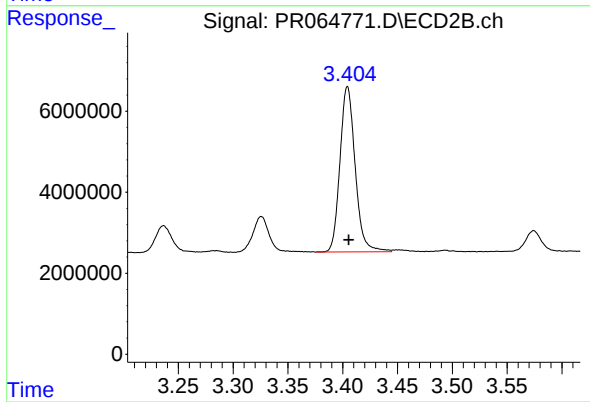
R.T.: 3.404 min
Delta R.T.: -0.001 min
Response: 39378614
Conc: 274.92 ng/ml



#11 AR-1232-1

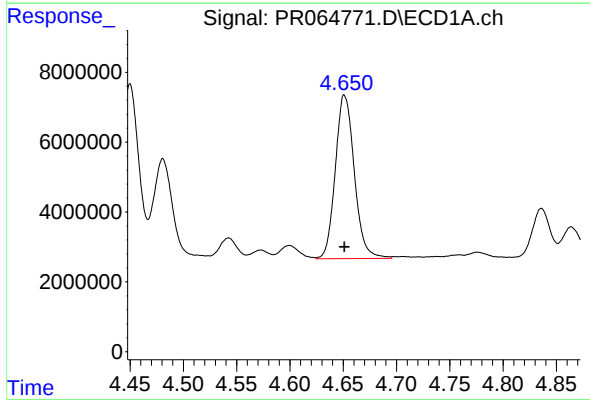
R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 44529327
Conc: 372.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



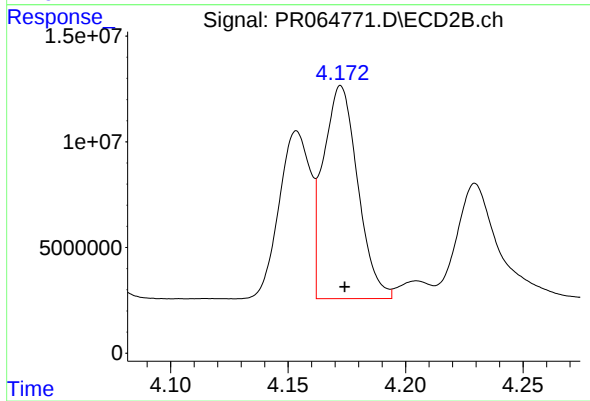
#11 AR-1232-1

R.T.: 3.404 min
Delta R.T.: -0.001 min
Response: 39378614
Conc: 357.50 ng/ml



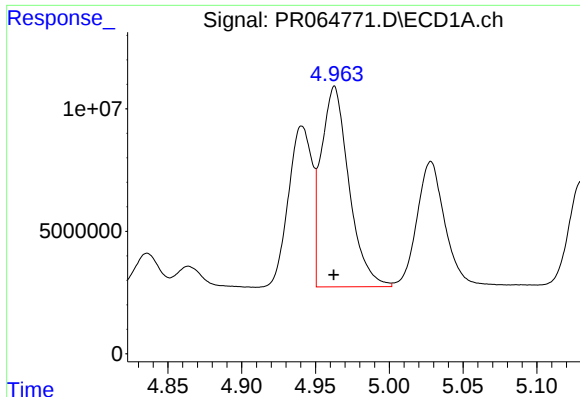
#12 AR-1232-2

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 58192777
Conc: 872.87 ng/ml



#12 AR-1232-2

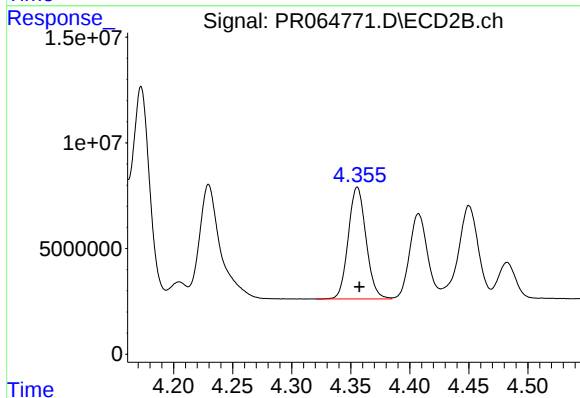
R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 102855439
Conc: 961.07 ng/ml



#13 AR-1232-3

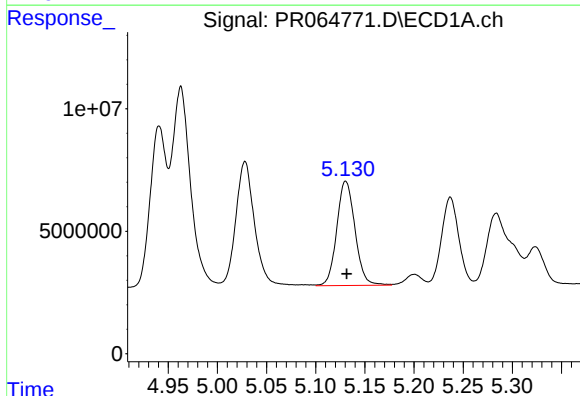
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 107035849
Conc: 934.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



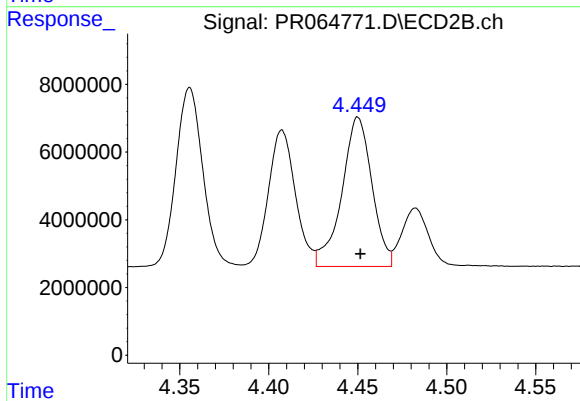
#13 AR-1232-3

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 55472543
Conc: 979.35 ng/ml



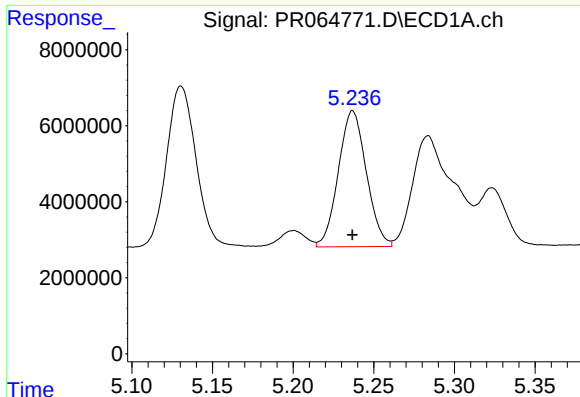
#14 AR-1232-4

R.T.: 5.131 min
Delta R.T.: -0.001 min
Response: 55094545
Conc: 941.80 ng/ml



#14 AR-1232-4

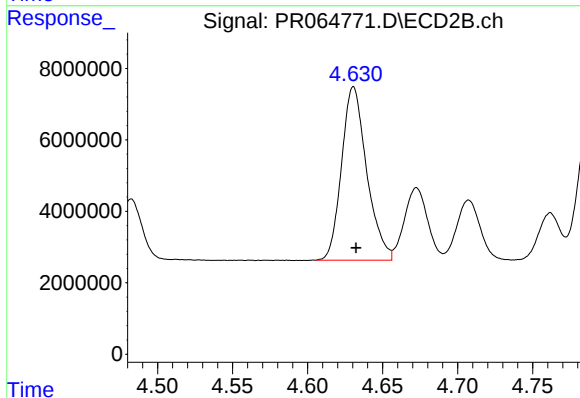
R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 52040589
Conc: 1048.96 ng/ml



#15 AR-1232-5

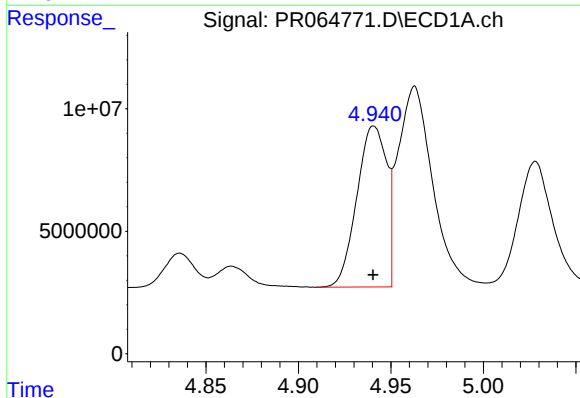
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 43319222
Conc: 1018.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



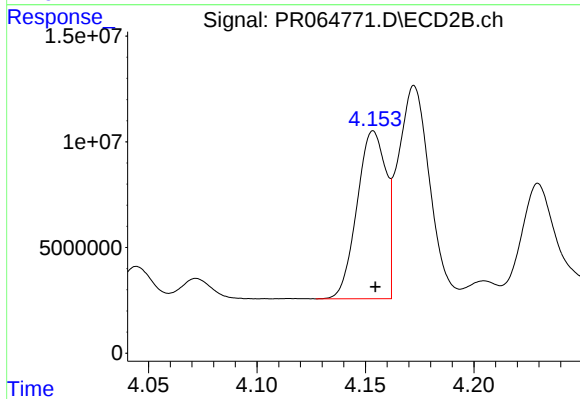
#15 AR-1232-5

R.T.: 4.631 min
Delta R.T.: -0.002 min
Response: 56630138
Conc: 1046.31 ng/ml



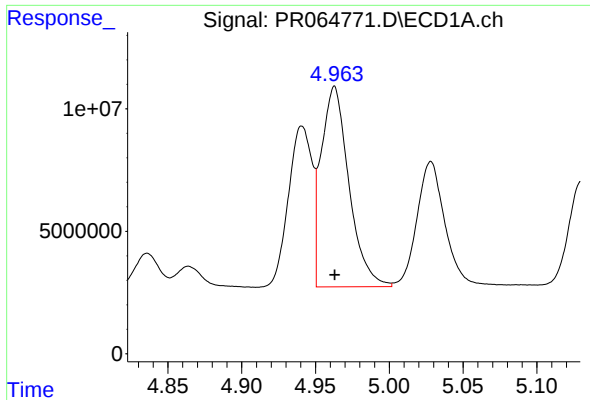
#16 AR-1242-1

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 73673483
Conc: 509.22 ng/ml



#16 AR-1242-1

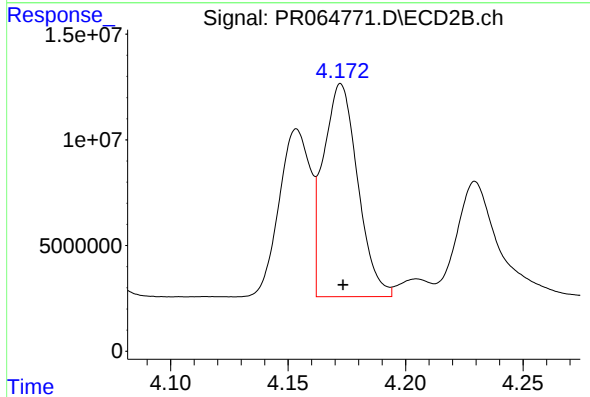
R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 73503796
Conc: 501.16 ng/ml



#17 AR-1242-2

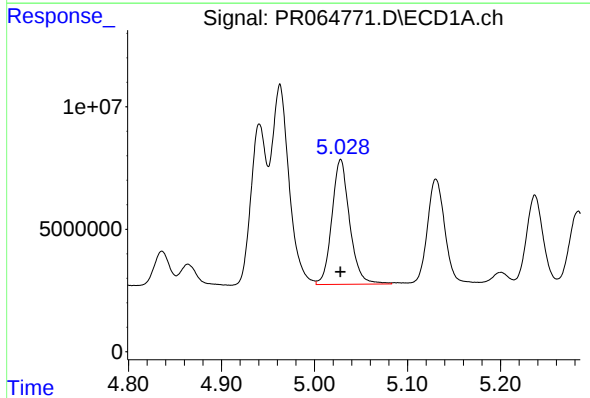
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 107035849
Conc: 512.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



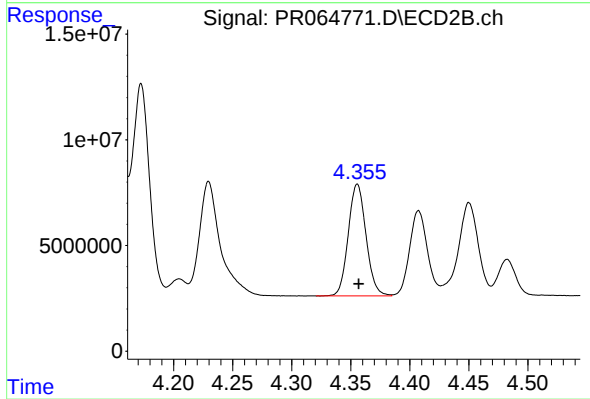
#17 AR-1242-2

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 102855439
Conc: 516.52 ng/ml



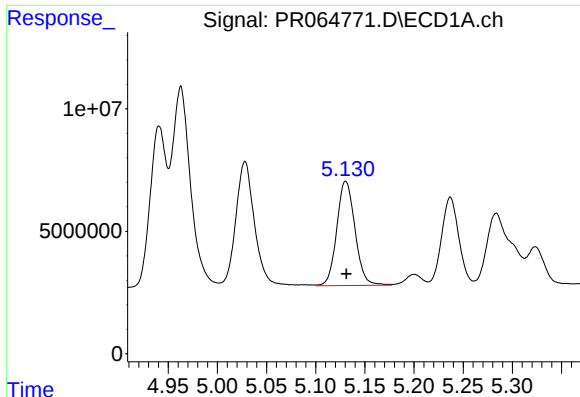
#18 AR-1242-3

R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 67723861
Conc: 500.66 ng/ml



#18 AR-1242-3

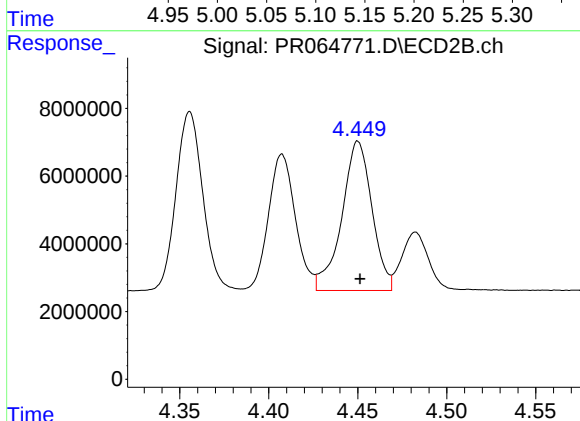
R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 55472543
Conc: 512.87 ng/ml



#19 AR-1242-4

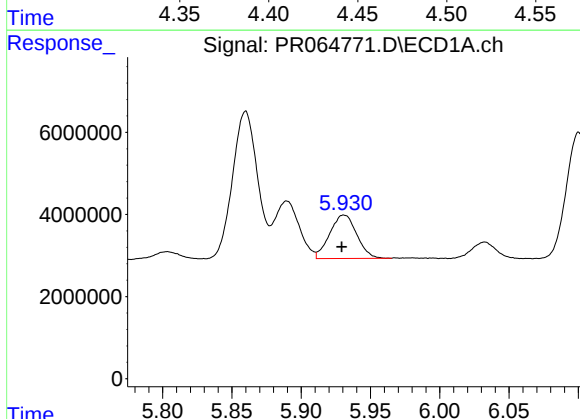
R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 55094545
Conc: 510.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



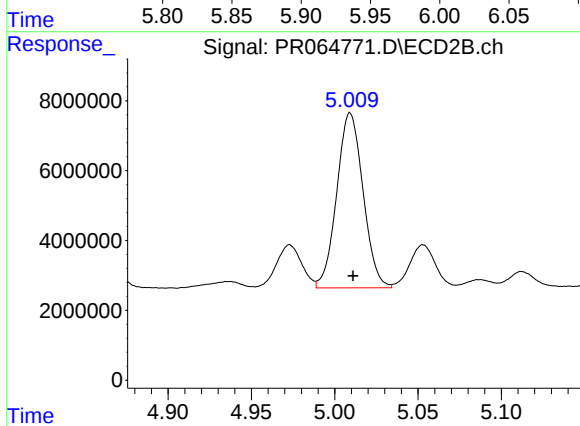
#19 AR-1242-4

R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 52040589
Conc: 500.46 ng/ml



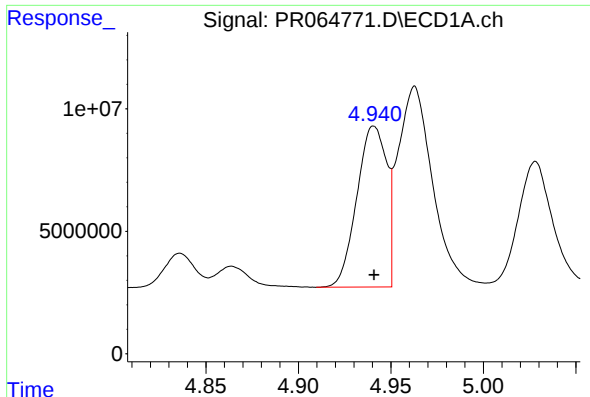
#20 AR-1242-5

R.T.: 5.931 min
Delta R.T.: 0.001 min
Response: 14397745
Conc: 125.79 ng/ml



#20 AR-1242-5

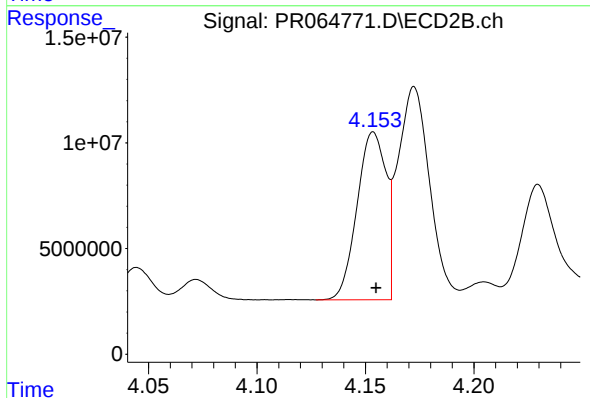
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 54982622
Conc: 408.86 ng/ml



#21 AR-1248-1

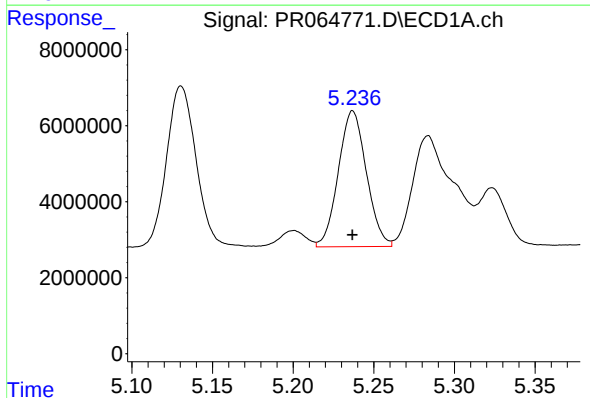
R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 73673483
Conc: 673.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



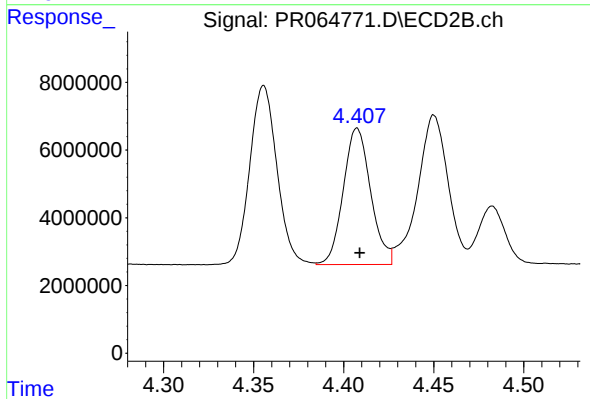
#21 AR-1248-1

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 73503796
Conc: 661.96 ng/ml



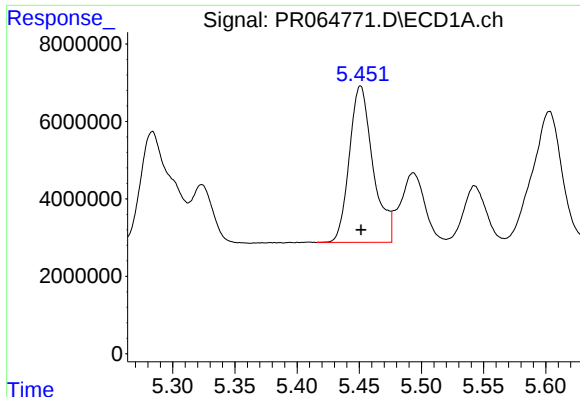
#22 AR-1248-2

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 43319222
Conc: 277.37 ng/ml



#22 AR-1248-2

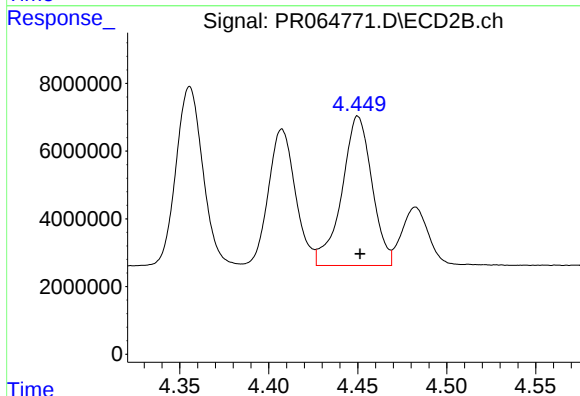
R.T.: 4.407 min
Delta R.T.: -0.001 min
Response: 42618438
Conc: 283.62 ng/ml



#23 AR-1248-3

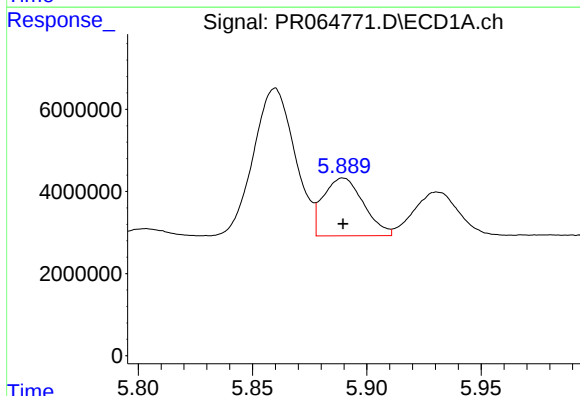
R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 53400627
Conc: 292.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



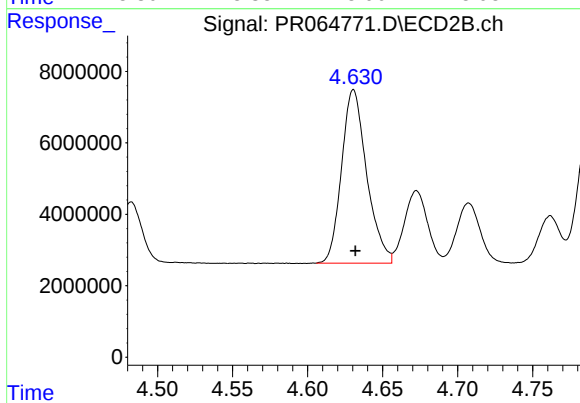
#23 AR-1248-3

R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 52040589
Conc: 331.24 ng/ml



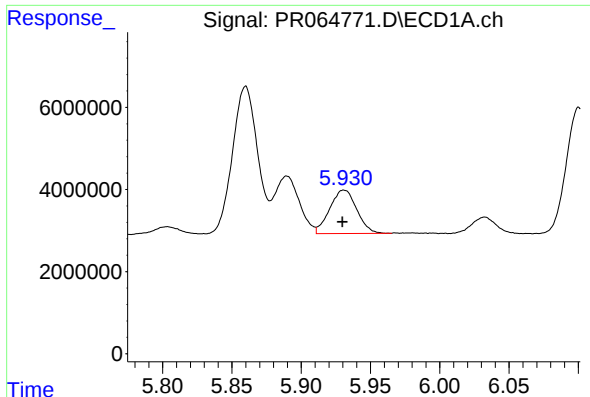
#24 AR-1248-4

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 17241570
Conc: 88.15 ng/ml



#24 AR-1248-4

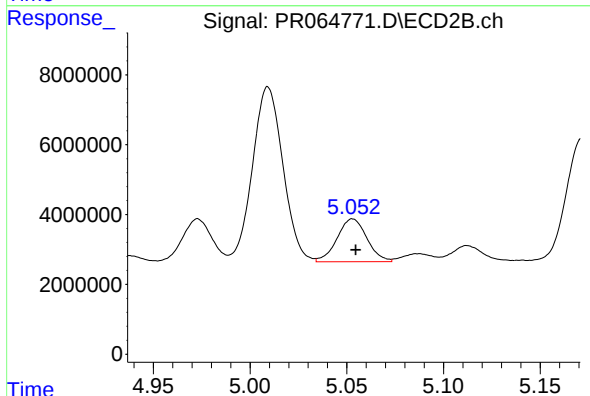
R.T.: 4.631 min
Delta R.T.: -0.001 min
Response: 56630138
Conc: 298.39 ng/ml



#25 AR-1248-5

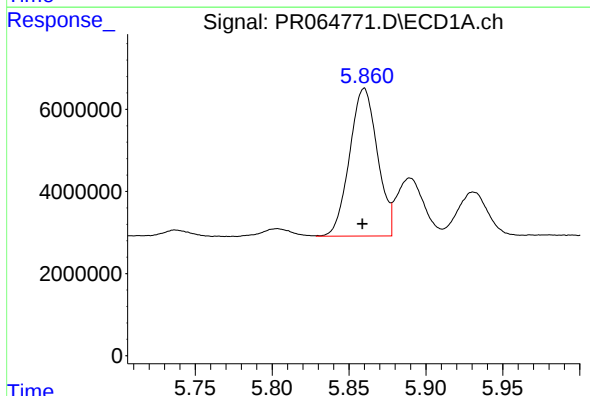
R.T.: 5.931 min
Delta R.T.: 0.001 min
Response: 14397745
Conc: 73.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



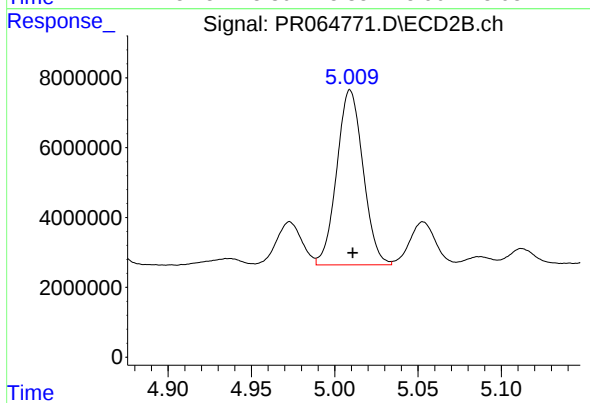
#25 AR-1248-5

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 13139383
Conc: 68.04 ng/ml



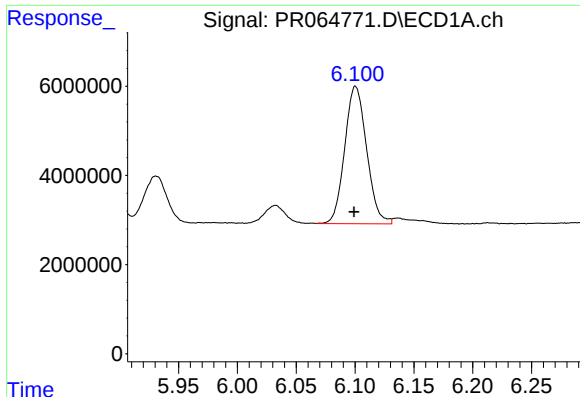
#26 AR-1254-1

R.T.: 5.860 min
Delta R.T.: 0.001 min
Response: 45269038
Conc: 225.10 ng/ml



#26 AR-1254-1

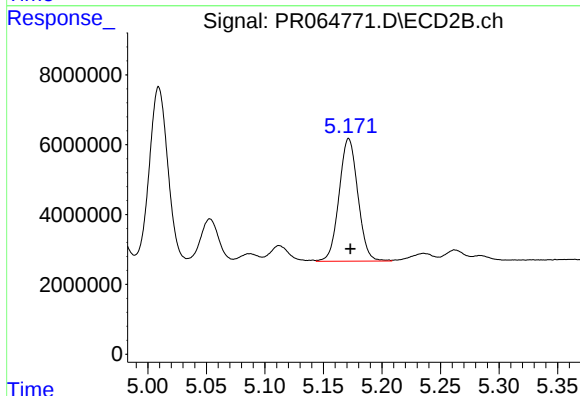
R.T.: 5.009 min
Delta R.T.: -0.001 min
Response: 54982622
Conc: 191.26 ng/ml



#27 AR-1254-2

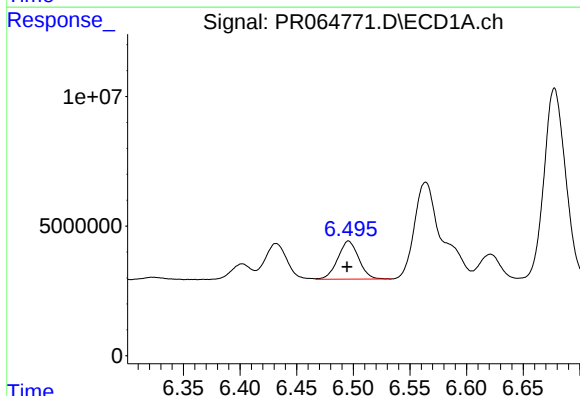
R.T.: 6.100 min
Delta R.T.: 0.001 min
Response: 40006267
Conc: 131.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



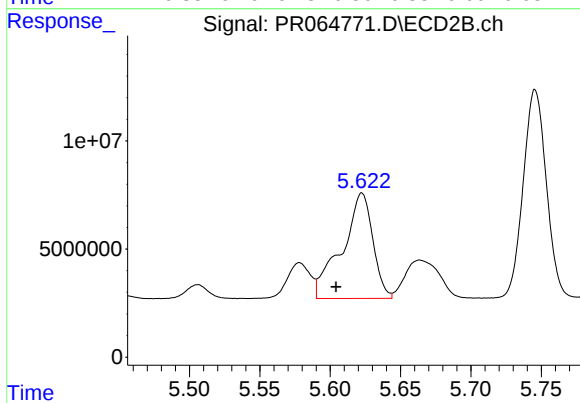
#27 AR-1254-2

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 39202939
Conc: 157.43 ng/ml



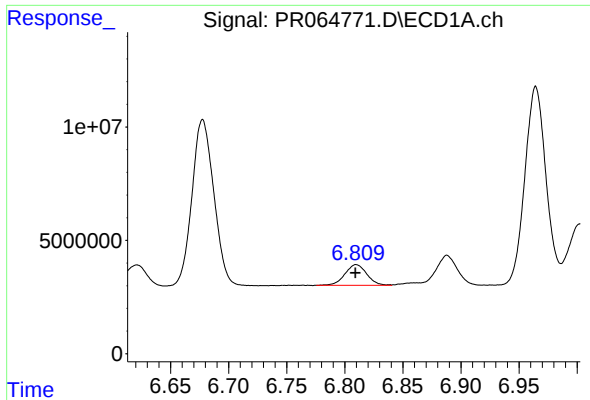
#28 AR-1254-3

R.T.: 6.496 min
Delta R.T.: 0.001 min
Response: 18905060
Conc: 60.74 ng/ml



#28 AR-1254-3

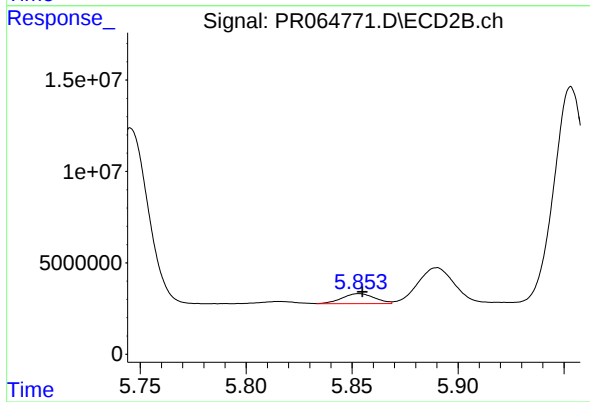
R.T.: 5.623 min
Delta R.T.: 0.018 min
Response: 74431230
Conc: 187.06 ng/ml



#29 AR-1254-4

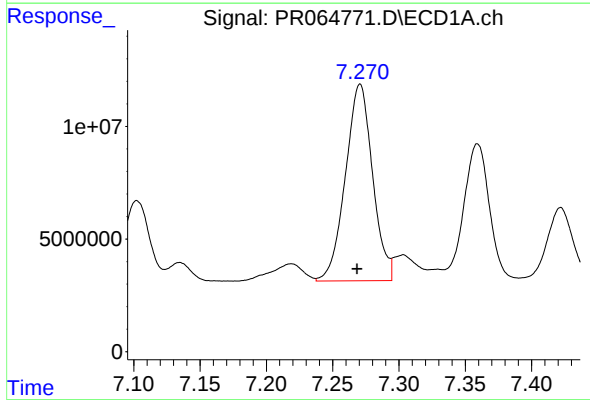
R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 11902181
Conc: 54.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



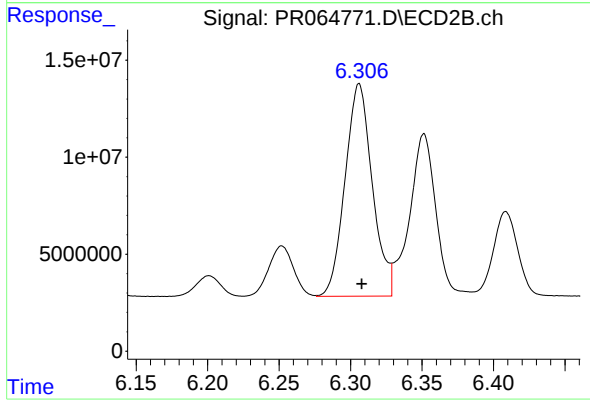
#29 AR-1254-4

R.T.: 5.853 min
Delta R.T.: -0.002 min
Response: 5940577
Conc: 23.79 ng/ml



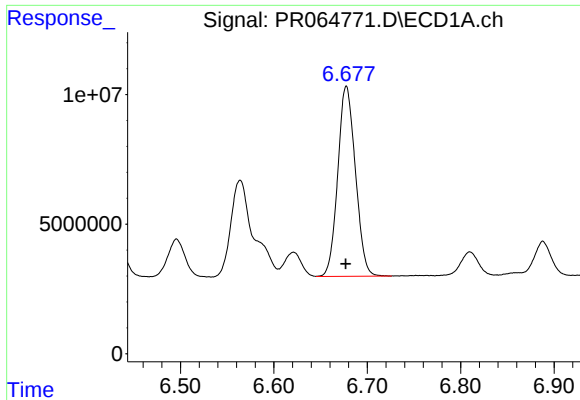
#30 AR-1254-5

R.T.: 7.271 min
Delta R.T.: 0.002 min
Response: 124308787
Conc: 523.41 ng/ml



#30 AR-1254-5

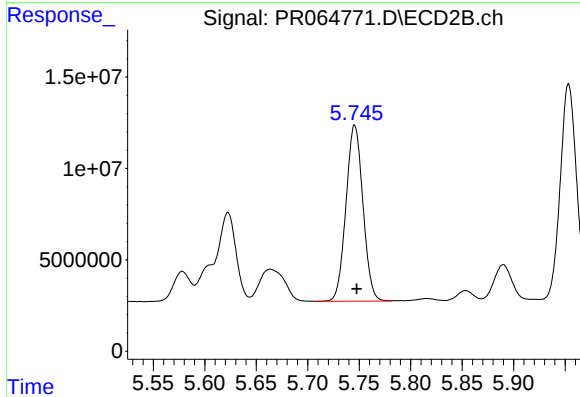
R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 145316962
Conc: 407.78 ng/ml



#31 AR-1260-1

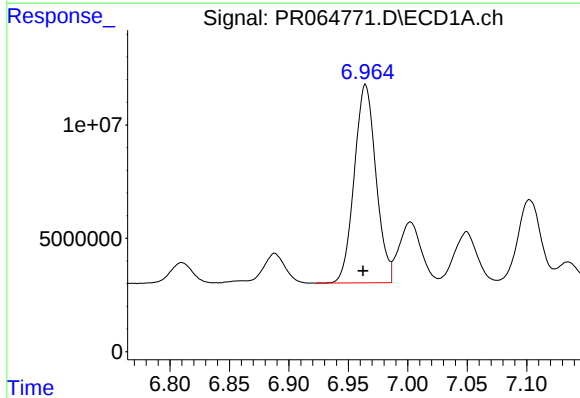
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 96195642
Conc: 384.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



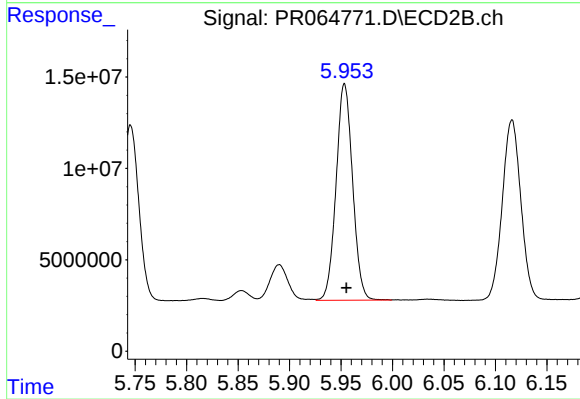
#31 AR-1260-1

R.T.: 5.746 min
Delta R.T.: -0.002 min
Response: 110454741
Conc: 382.23 ng/ml



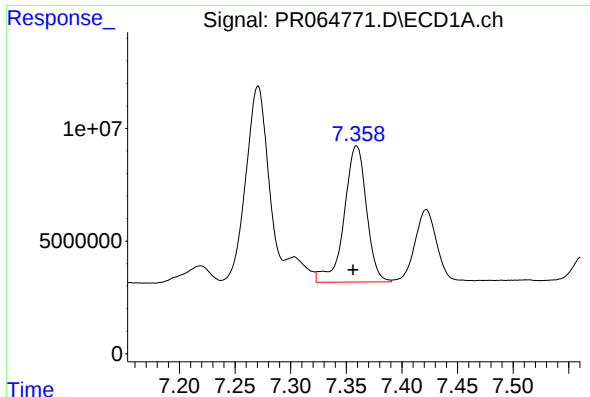
#32 AR-1260-2

R.T.: 6.964 min
Delta R.T.: 0.002 min
Response: 111104731
Conc: 388.68 ng/ml



#32 AR-1260-2

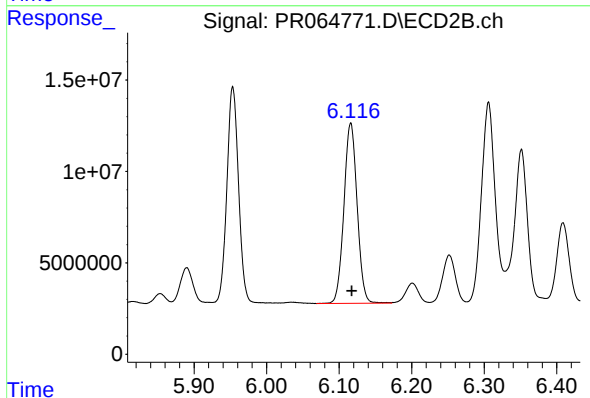
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 132298003
Conc: 380.79 ng/ml



#33 AR-1260-3

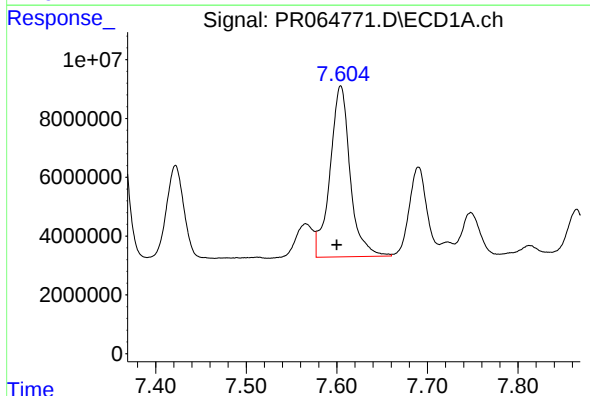
R.T.: 7.359 min
Delta R.T.: 0.003 min
Response: 84436447
Conc: 398.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



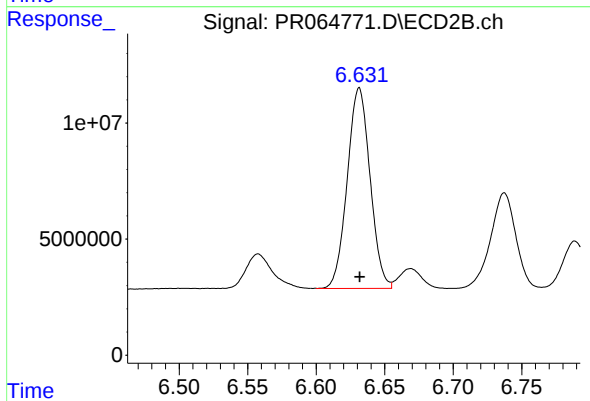
#33 AR-1260-3

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 124551711
Conc: 378.40 ng/ml



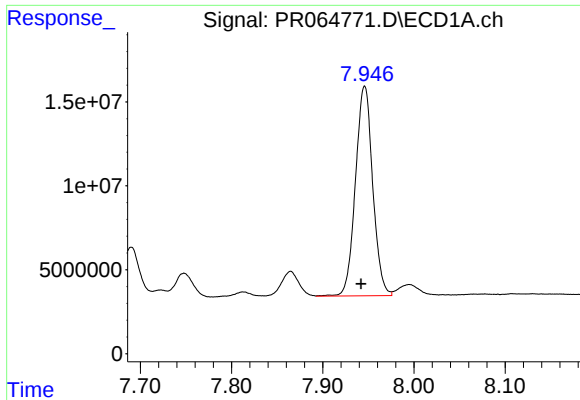
#34 AR-1260-4

R.T.: 7.604 min
Delta R.T.: 0.004 min
Response: 89817523
Conc: 390.76 ng/ml



#34 AR-1260-4

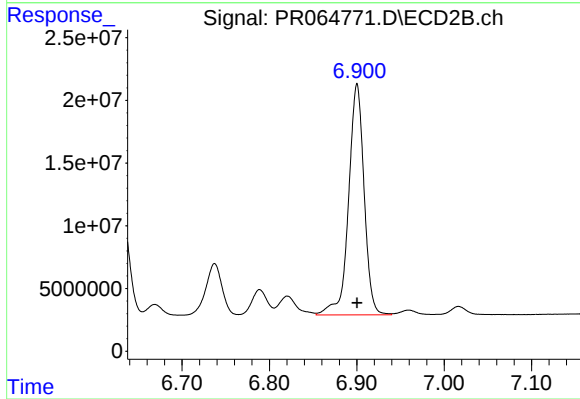
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 100274888
Conc: 371.77 ng/ml



#35 AR-1260-5

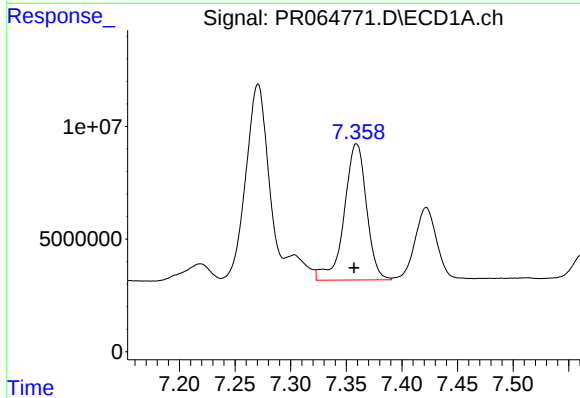
R.T.: 7.946 min
Delta R.T.: 0.004 min
Response: 164033937
Conc: 382.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



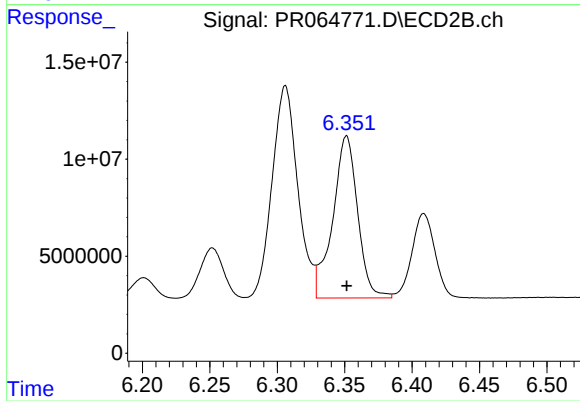
#35 AR-1260-5

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 227526796
Conc: 364.09 ng/ml



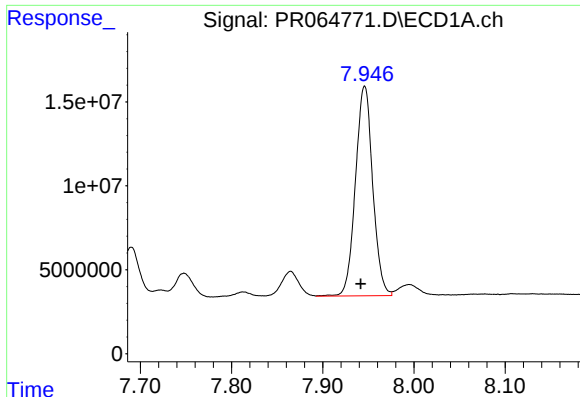
#36 AR-1262-1

R.T.: 7.359 min
Delta R.T.: 0.002 min
Response: 84436447
Conc: 293.63 ng/ml



#36 AR-1262-1

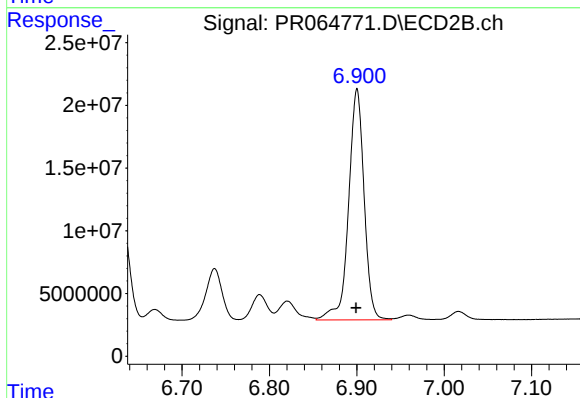
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 107401046
Conc: 294.18 ng/ml



#37 AR-1262-2

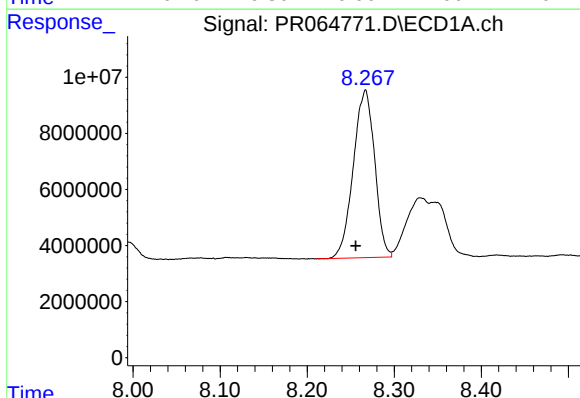
R.T.: 7.946 min
Delta R.T.: 0.005 min
Response: 164033937
Conc: 352.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



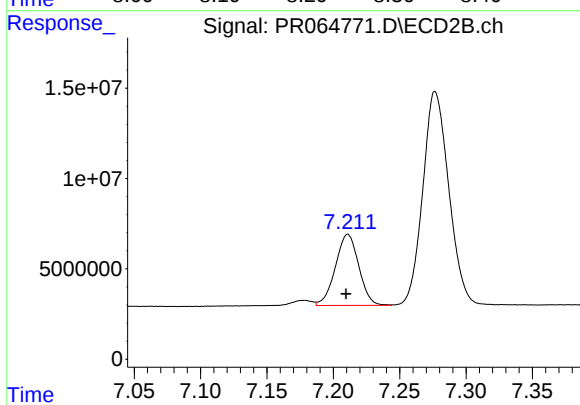
#37 AR-1262-2

R.T.: 6.900 min
Delta R.T.: 0.001 min
Response: 227526796
Conc: 344.87 ng/ml



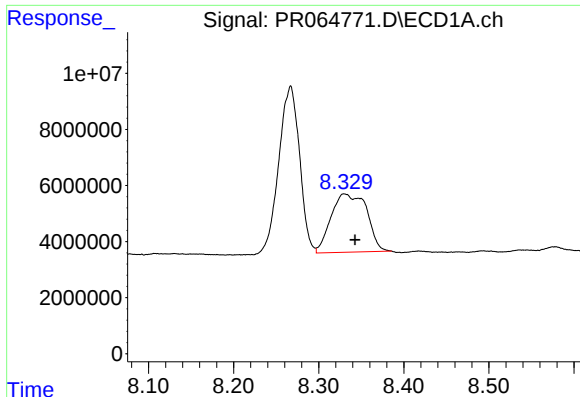
#38 AR-1262-3

R.T.: 8.267 min
Delta R.T.: 0.011 min
Response: 101807074
Conc: 322.91 ng/ml



#38 AR-1262-3

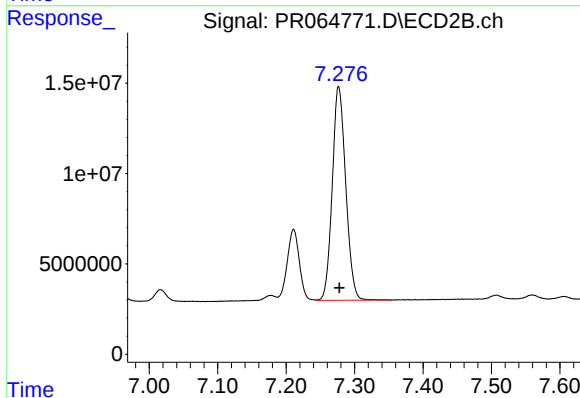
R.T.: 7.211 min
Delta R.T.: 0.001 min
Response: 48181511
Conc: 192.15 ng/ml



#39 AR-1262-4

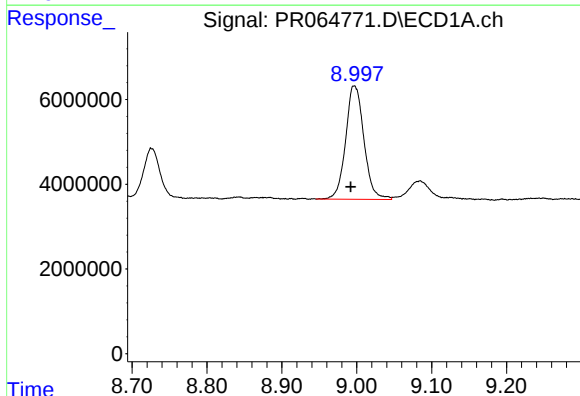
R.T.: 8.330 min
Delta R.T.: -0.013 min
Response: 60748406
Conc: 254.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



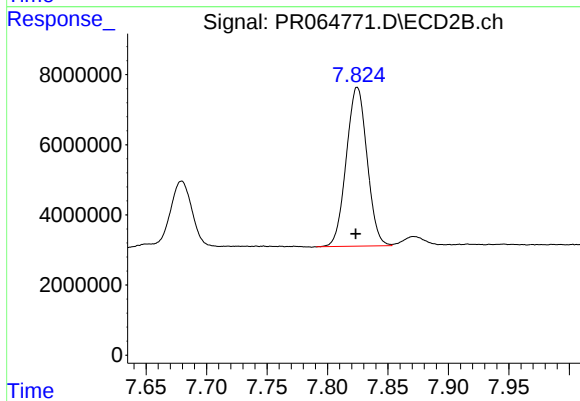
#39 AR-1262-4

R.T.: 7.277 min
Delta R.T.: -0.001 min
Response: 161704184
Conc: 338.79 ng/ml



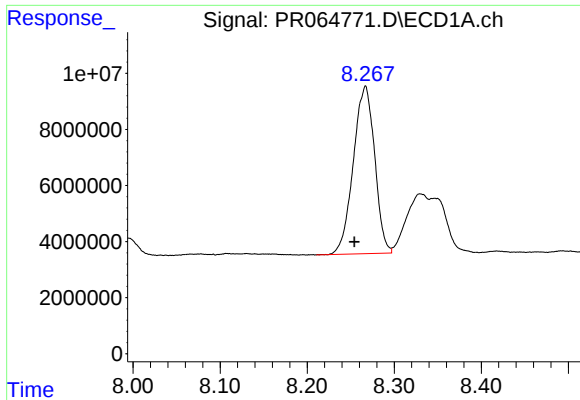
#40 AR-1262-5

R.T.: 8.997 min
Delta R.T.: 0.004 min
Response: 45459951
Conc: 279.72 ng/ml



#40 AR-1262-5

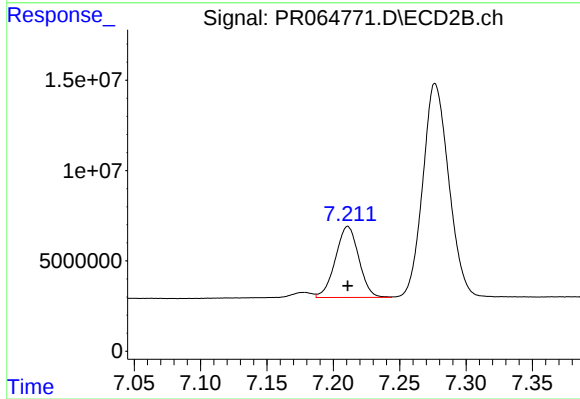
R.T.: 7.825 min
Delta R.T.: 0.001 min
Response: 54297608
Conc: 255.73 ng/ml



#41 AR-1268-1

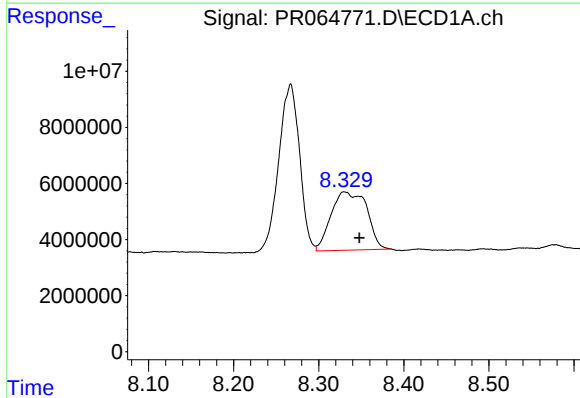
R.T.: 8.267 min
Delta R.T.: 0.013 min
Response: 101807074
Conc: 178.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



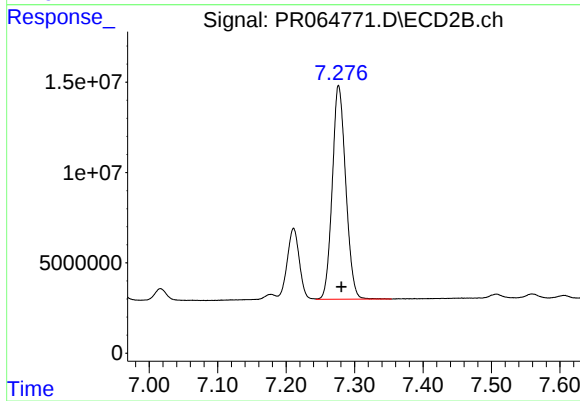
#41 AR-1268-1

R.T.: 7.211 min
Delta R.T.: 0.000 min
Response: 48181511
Conc: 61.64 ng/ml



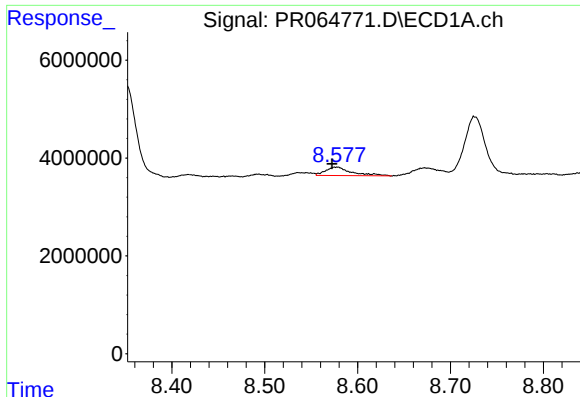
#42 AR-1268-2

R.T.: 8.330 min
Delta R.T.: -0.018 min
Response: 60748406
Conc: 120.01 ng/ml



#42 AR-1268-2

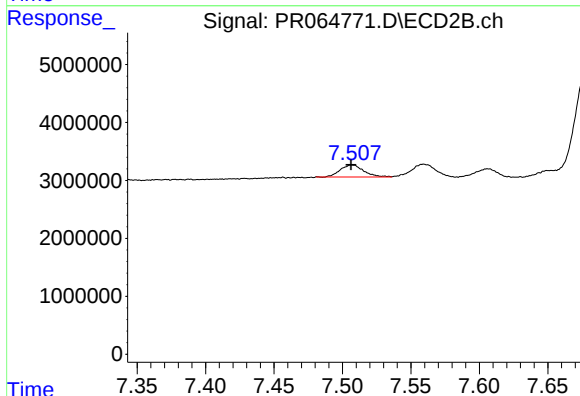
R.T.: 7.277 min
Delta R.T.: -0.004 min
Response: 161704184
Conc: 225.33 ng/ml



#43 AR-1268-3

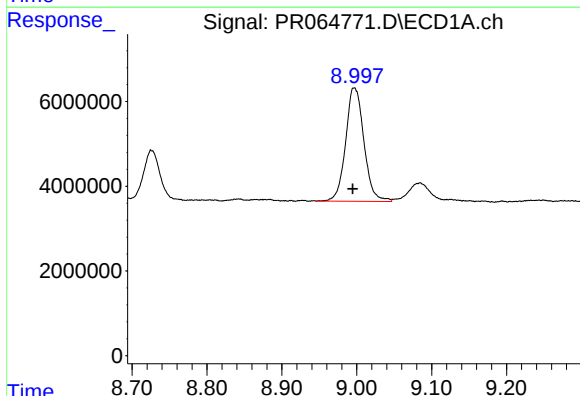
R.T.: 8.577 min
Delta R.T.: 0.004 min
Response: 3387188
Conc: 7.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



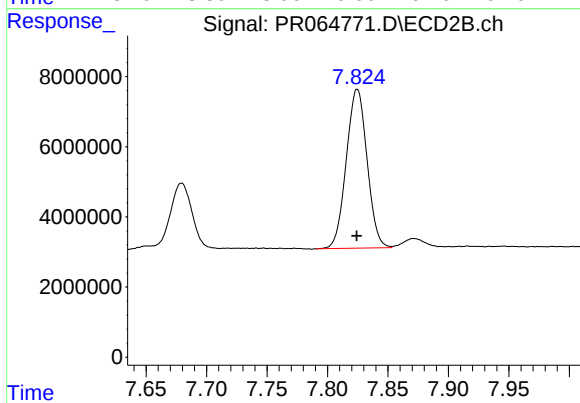
#43 AR-1268-3

R.T.: 7.507 min
Delta R.T.: 0.001 min
Response: 2504668
Conc: 4.18 ng/ml



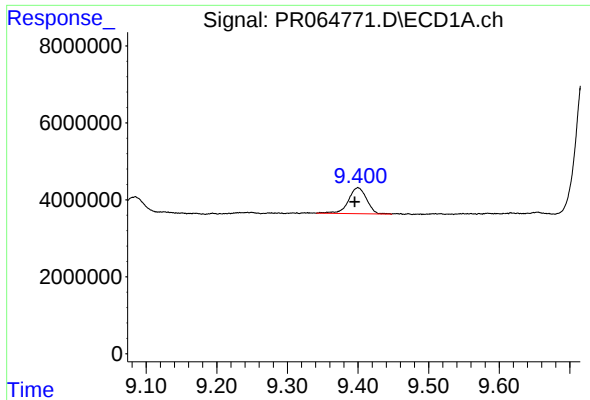
#44 AR-1268-4

R.T.: 8.997 min
Delta R.T.: 0.002 min
Response: 45459951
Conc: 244.63 ng/ml



#44 AR-1268-4

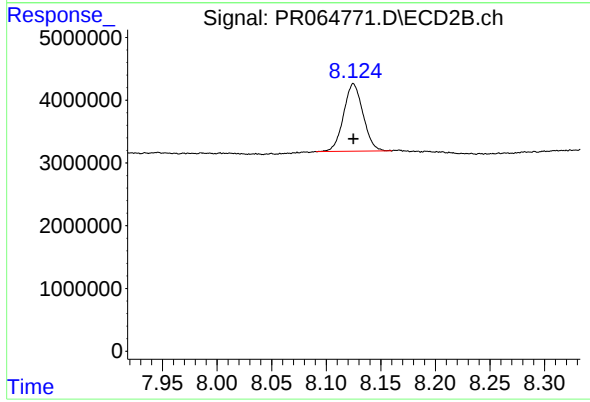
R.T.: 7.825 min
Delta R.T.: 0.000 min
Response: 54297608
Conc: 217.35 ng/ml



#45 AR-1268-5

R.T.: 9.400 min
Delta R.T.: 0.005 min
Response: 12151478
Conc: 9.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 13372177
Conc: 7.44 ng/ml