

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040319\
 Data File : PR036814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 11:54
 Operator : SM\SJ
 Sample : K2153-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 13:40:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 03 03:09:33 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.393	3.465	31379275	129.1E6	19.696	22.034
2)	SA Decachlor...	10.041	8.326	34198318	130.7E6	18.253	16.377
Target Compounds							
3)	L1 AR-1016-1	5.587	4.532	12343745	7609402	190.440	31.510 #
4)	L1 AR-1016-2	5.587	4.532	12343745	7609402	117.401	19.491 #
5)	L1 AR-1016-3	5.648	4.705	15482792	27386668	245.190	140.403 #
6)	L1 AR-1016-4	5.710	4.746	39678887	36856950	753.339	242.714 #
7)	L1 AR-1016-5	6.034	4.956	4635000	25387868	85.140	122.159 #
8)	L2 AR-1221-1	0.000	3.668	0	8181973	N.D.	133.234 #
9)	L2 AR-1221-2	0.000	3.758	0	14238198	N.D.	314.854 #
10)	L2 AR-1221-3	0.000	3.809	0	7129564	N.D.	47.358 #
11)	L3 AR-1232-1	0.000	3.809	0	7129564	N.D.	75.407 #
12)	L3 AR-1232-2	5.267	4.532	11663598	7609402	746.746	63.707 #
13)	L3 AR-1232-3	5.587	4.705	12343745	27386668	390.519	476.649
14)	L3 AR-1232-4	5.710	4.785	39678887	51950088	2494.447	1050.198 #
15)	L3 AR-1232-5	5.824	4.956	18583118	25387868	1490.406	442.975 #
16)	L4 AR-1242-1	5.587	4.532	12343745	7609402	393.041	66.593 #
17)	L4 AR-1242-2	5.587	4.532	12343745	7609402	238.840	40.010 #
18)	L4 AR-1242-3	5.648	4.705	15482792	27386668	485.426	286.434 #
19)	L4 AR-1242-4	5.710	4.785	39678887	51950088	1526.532	575.381 #
20)	L4 AR-1242-5	6.471	5.297	30645643	391.3E6	997.342	2834.067 #
21)	L5 AR-1248-1	5.587	4.532	12343745	7609402	478.833	78.356 #
22)	L5 AR-1248-2	5.824	4.746	18583118	36856950	463.488	272.939 #
23)	L5 AR-1248-3	6.034	4.785	4635000	51950088	102.311	373.277 #
24)	L5 AR-1248-4	6.405	4.956	99958828	25387868	1860.319	143.953 #
25)	L5 AR-1248-5	6.471	5.340	30645643	24009487	591.353	123.498 #
26)	L6 AR-1254-1	6.405	5.297	99958828	391.3E6	1724.626	1189.635 #
27)	L6 AR-1254-2	6.617	5.440	117.3E6	333.7E6	1256.259	1127.184
28)	L6 AR-1254-3	6.987	5.846	63581181	484.0E6	612.136	951.487 #
29)	L6 AR-1254-4	7.265	6.058	31272553	57473929	400.208	149.975 #
30)	L6 AR-1254-5	7.683	6.466	249.3E6	950.7E6	2440.009	1869.823
31)	L7 AR-1260-1	7.144	5.960	158.8E6	618.4E6	1557.742	1413.814
32)	L7 AR-1260-2	7.398	6.147	314.5E6	1112.8E6	2563.232	1701.339 #
33)	L7 AR-1260-3	7.756	6.295	92728469	564.0E6	965.996	1066.466
34)	L7 AR-1260-4	7.981	6.758	106.9E6	360.8E6	964.884	773.763
35)	L7 AR-1260-5	8.296	7.000	243.7E6	1302.5E6	1118.699	978.260
36)	L8 AR-1262-1	7.756	6.557	92728469	292.2E6	790.753	1065.789 #
37)	L8 AR-1262-2	8.296	7.000	243.7E6	1302.5E6	1130.226	950.331
38)	L8 AR-1262-3	8.618	7.277	139.7E6	195.0E6	956.431	357.141 #
39)	L8 AR-1262-4	8.669	7.341	72691149	767.3E6	663.447	835.291 #
40)	L8 AR-1262-5	9.324	7.832	47916623	232.5E6	641.441	578.705
41)	L9 AR-1268-1	8.618	7.277	139.7E6	195.0E6	597.473	131.727 #

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 Operator : SM\SJ
 Sample : K2153-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

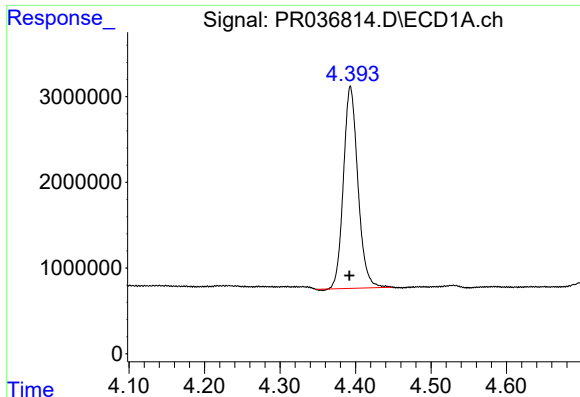
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 13:40:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040219.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	8.669	7.341	72691149	767.3E6	340.882	611.182 #
43) L9	AR-1268-3	8.871	7.538	4339570	33620778	24.256	34.568 #
44) L9	AR-1268-4	9.324	7.832	47916623	232.5E6	602.481	535.128
45) L9	AR-1268-5	9.720	8.100	10405169	41368026	17.639	13.703

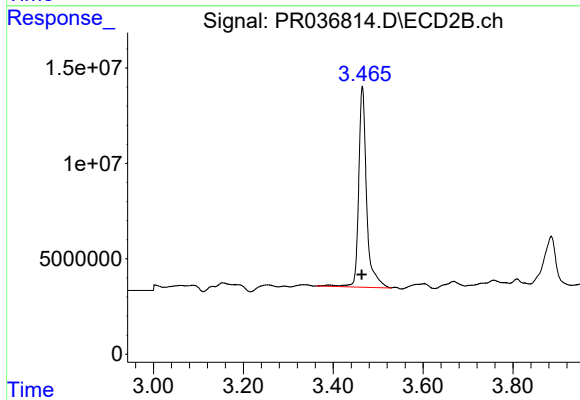
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

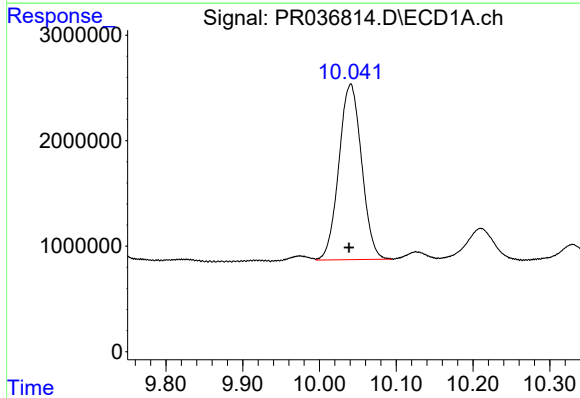
R.T.: 4.393 min
Delta R.T.: 0.001 min
Response: 31379275
Conc: 19.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



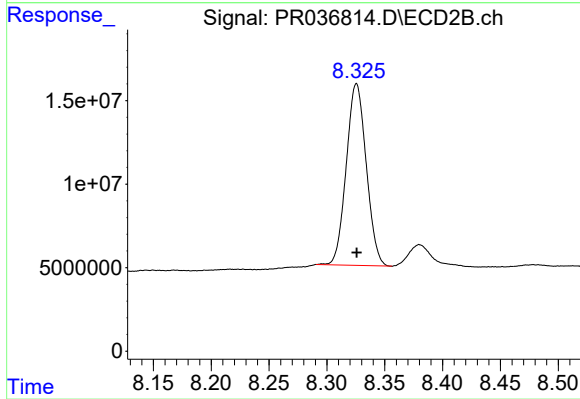
#1 Tetrachloro-m-xylene

R.T.: 3.465 min
Delta R.T.: 0.001 min
Response: 129071614
Conc: 22.03 ng/ml



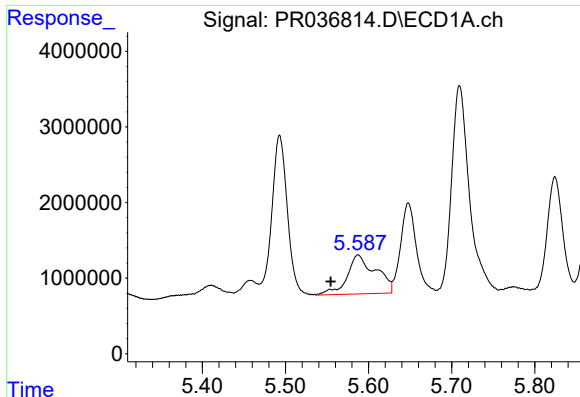
#2 Decachlorobiphenyl

R.T.: 10.041 min
Delta R.T.: 0.002 min
Response: 34198318
Conc: 18.25 ng/ml



#2 Decachlorobiphenyl

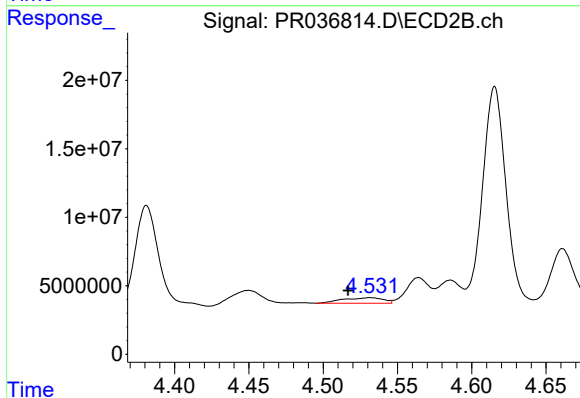
R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 130722376
Conc: 16.38 ng/ml



#3 AR-1016-1

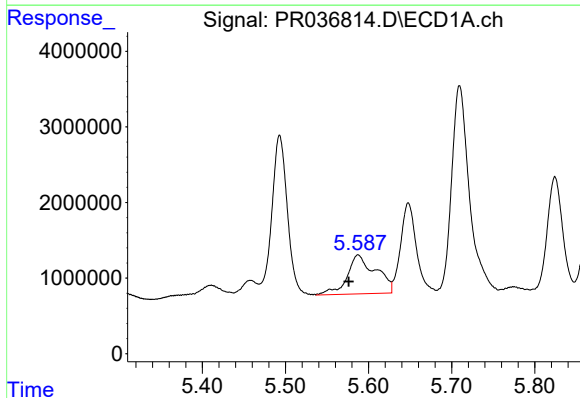
R.T.: 5.587 min
Delta R.T.: 0.033 min
Response: 12343745
Conc: 190.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



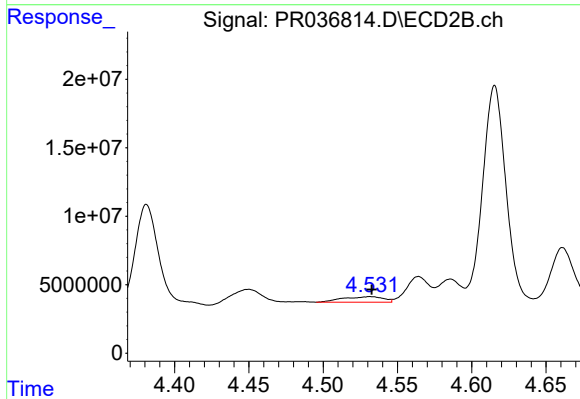
#3 AR-1016-1

R.T.: 4.532 min
Delta R.T.: 0.015 min
Response: 7609402
Conc: 31.51 ng/ml



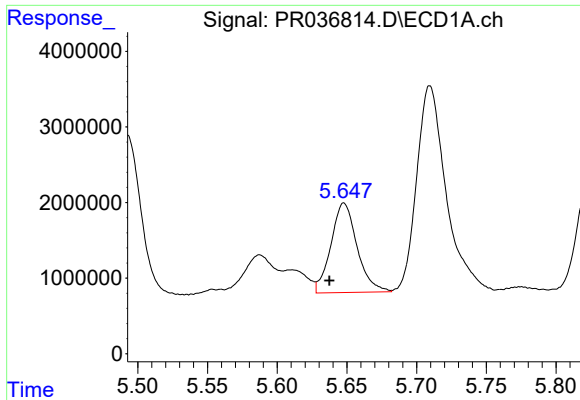
#4 AR-1016-2

R.T.: 5.587 min
Delta R.T.: 0.011 min
Response: 12343745
Conc: 117.40 ng/ml



#4 AR-1016-2

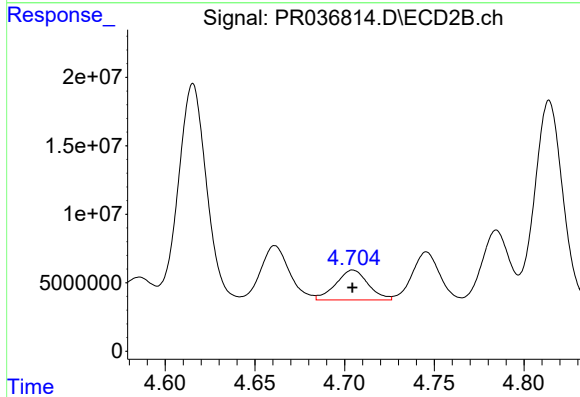
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 7609402
Conc: 19.49 ng/ml



#5 AR-1016-3

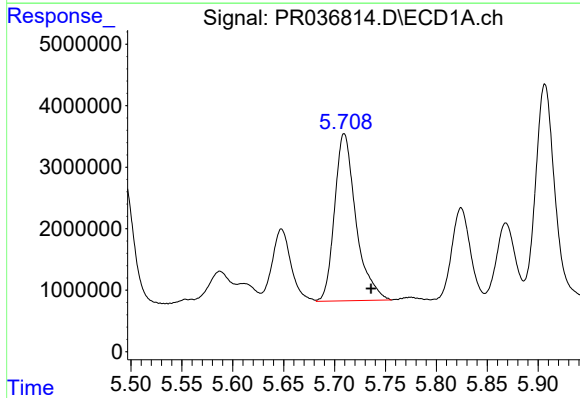
R.T.: 5.648 min
Delta R.T.: 0.010 min
Response: 15482792
Conc: 245.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



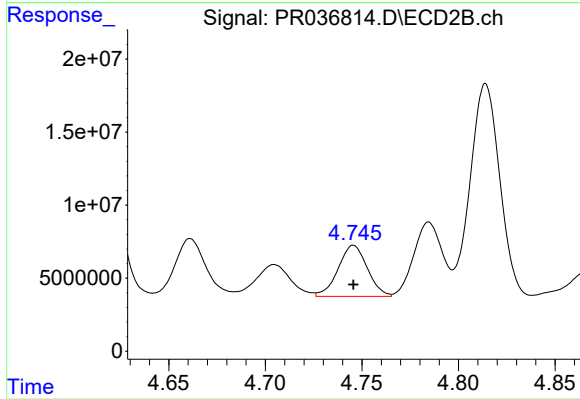
#5 AR-1016-3

R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 27386668
Conc: 140.40 ng/ml



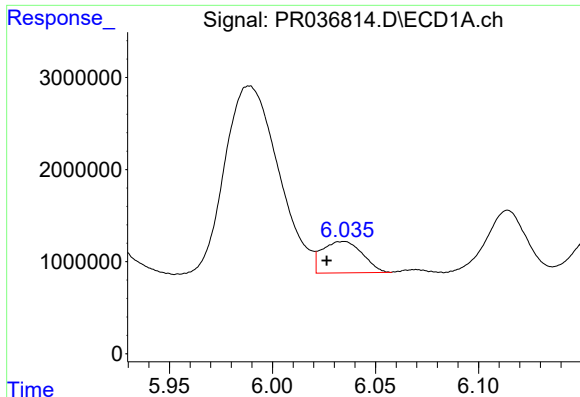
#6 AR-1016-4

R.T.: 5.710 min
Delta R.T.: -0.026 min
Response: 39678887
Conc: 753.34 ng/ml



#6 AR-1016-4

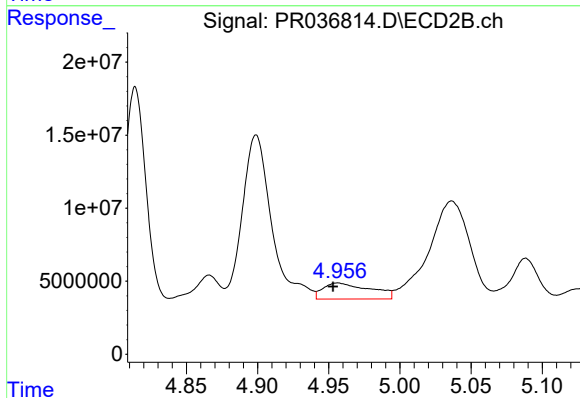
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 36856950
Conc: 242.71 ng/ml



#7 AR-1016-5

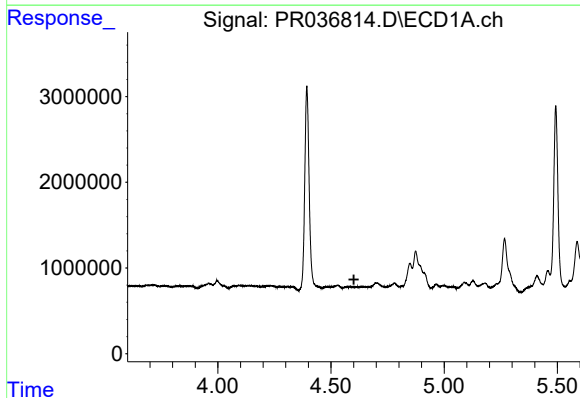
R.T.: 6.034 min
Delta R.T.: 0.008 min
Response: 4635000
Conc: 85.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



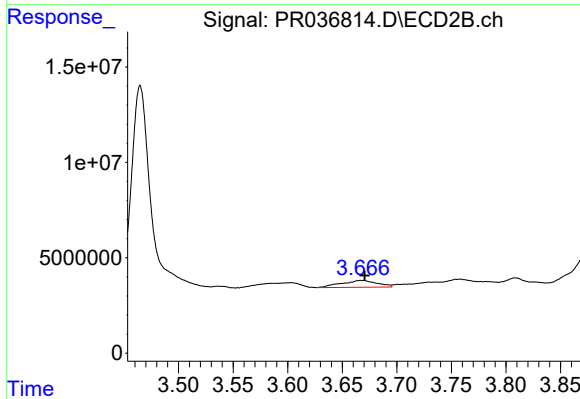
#7 AR-1016-5

R.T.: 4.956 min
Delta R.T.: 0.003 min
Response: 25387868
Conc: 122.16 ng/ml



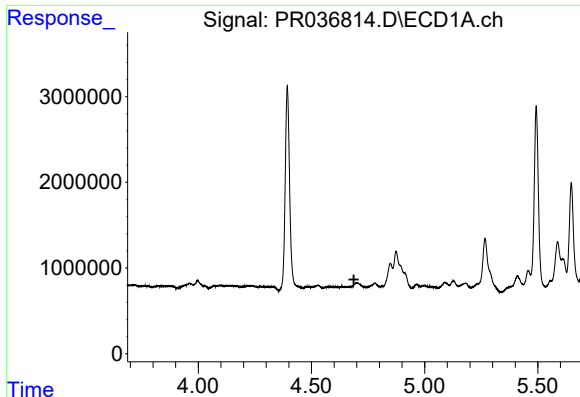
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#8 AR-1221-1

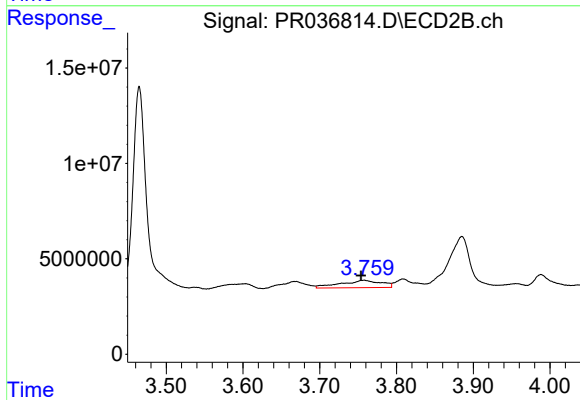
R.T.: 3.668 min
Delta R.T.: -0.003 min
Response: 8181973
Conc: 133.23 ng/ml



#9 AR-1221-2

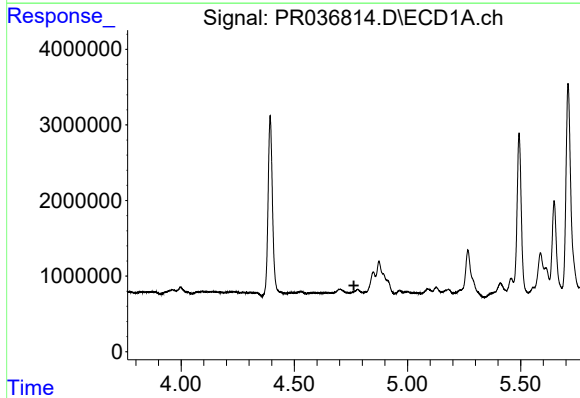
R.T.: 0.000 min
Exp R.T.: 4.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



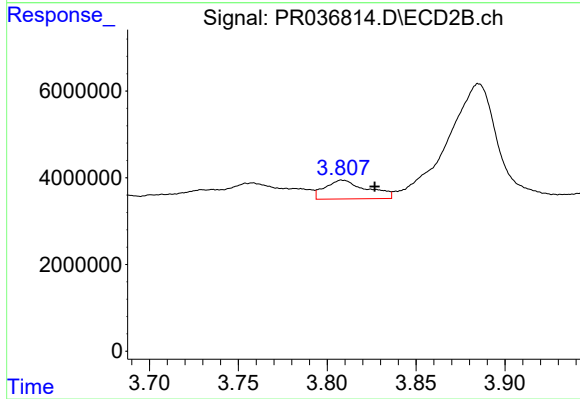
#9 AR-1221-2

R.T.: 3.758 min
Delta R.T.: 0.004 min
Response: 14238198
Conc: 314.85 ng/ml



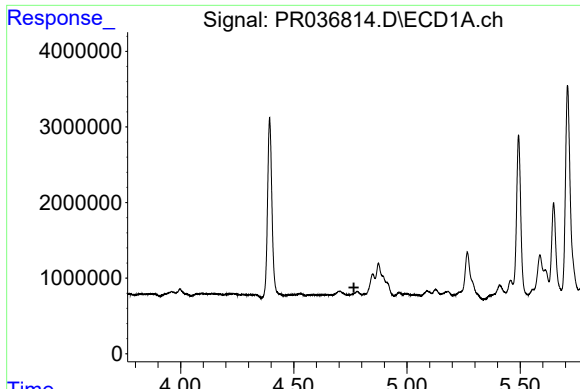
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.763 min
Response: 0
Conc: N.D.



#10 AR-1221-3

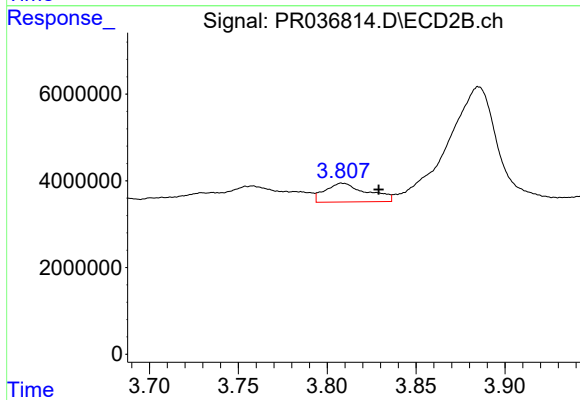
R.T.: 3.809 min
Delta R.T.: -0.018 min
Response: 7129564
Conc: 47.36 ng/ml



#11 AR-1232-1

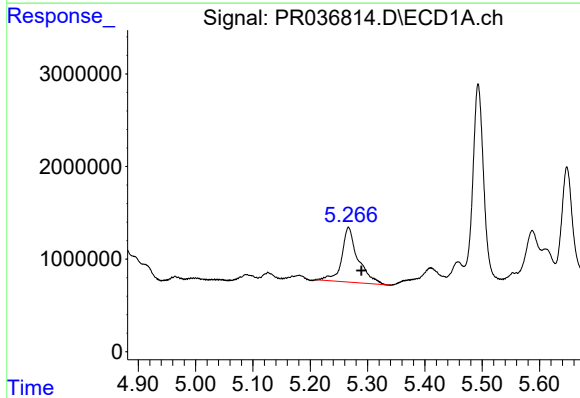
R.T.: 0.000 min
Exp R.T.: 4.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



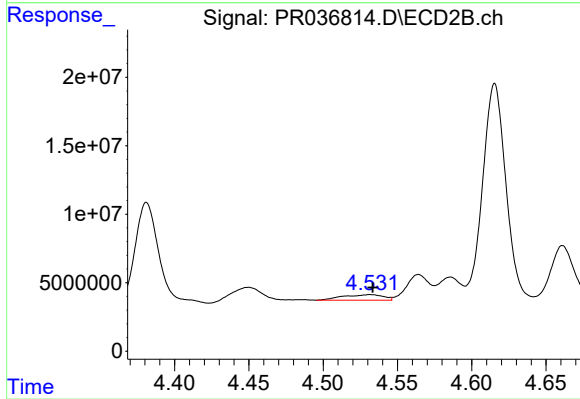
#11 AR-1232-1

R.T.: 3.809 min
Delta R.T.: -0.020 min
Response: 7129564
Conc: 75.41 ng/ml



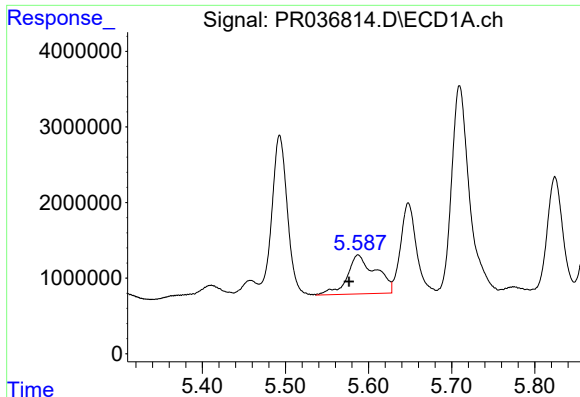
#12 AR-1232-2

R.T.: 5.267 min
Delta R.T.: -0.022 min
Response: 11663598
Conc: 746.75 ng/ml



#12 AR-1232-2

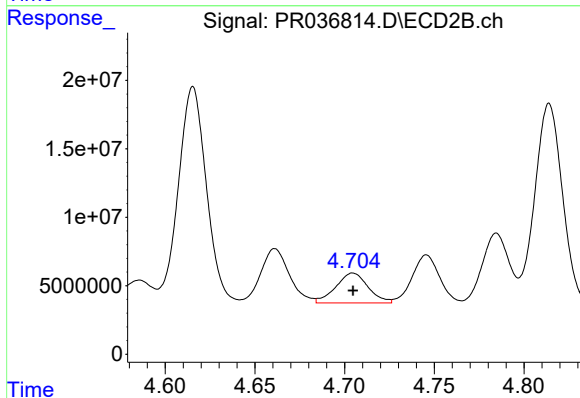
R.T.: 4.532 min
Delta R.T.: -0.001 min
Response: 7609402
Conc: 63.71 ng/ml



#13 AR-1232-3

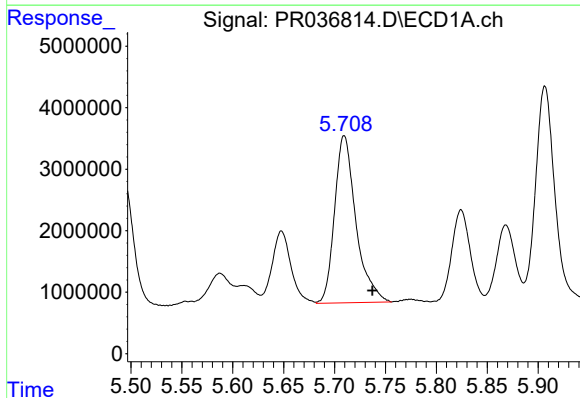
R.T.: 5.587 min
Delta R.T.: 0.011 min
Response: 12343745
Conc: 390.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



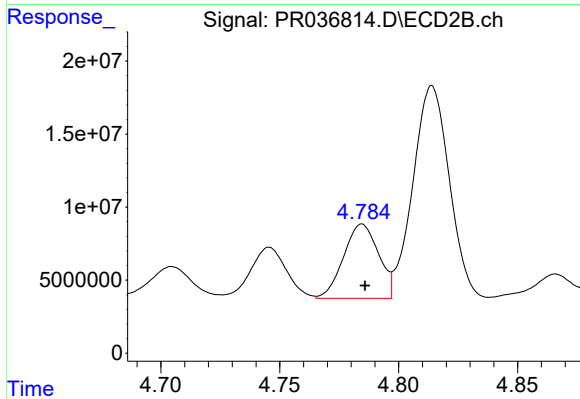
#13 AR-1232-3

R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 27386668
Conc: 476.65 ng/ml



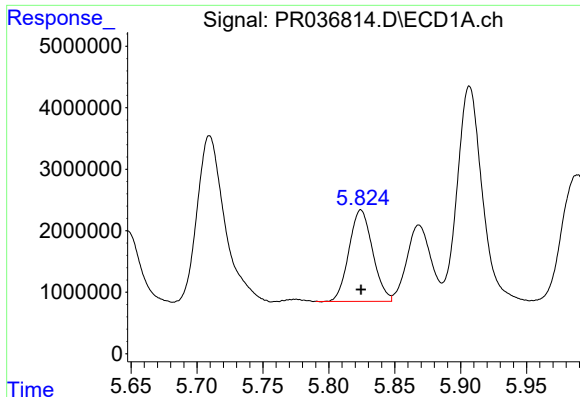
#14 AR-1232-4

R.T.: 5.710 min
Delta R.T.: -0.028 min
Response: 39678887
Conc: 2494.45 ng/ml



#14 AR-1232-4

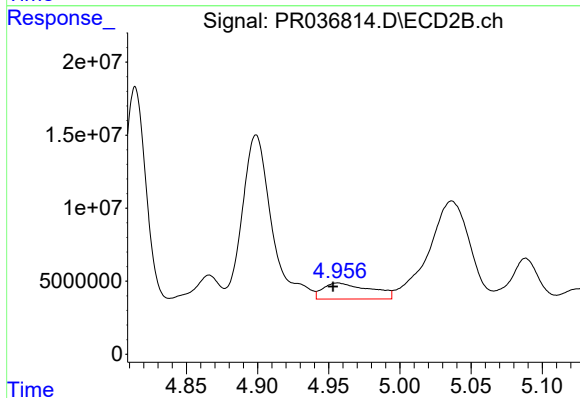
R.T.: 4.785 min
Delta R.T.: -0.001 min
Response: 51950088
Conc: 1050.20 ng/ml



#15 AR-1232-5

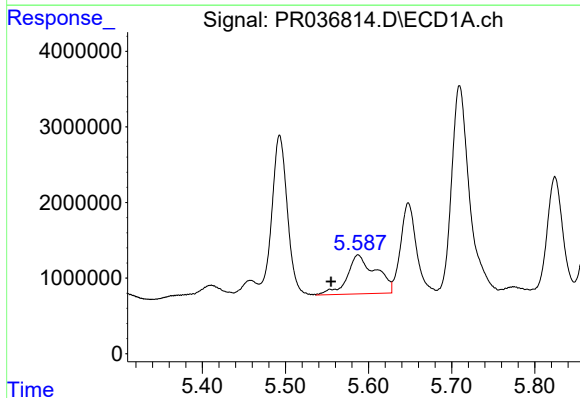
R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 18583118
Conc: 1490.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



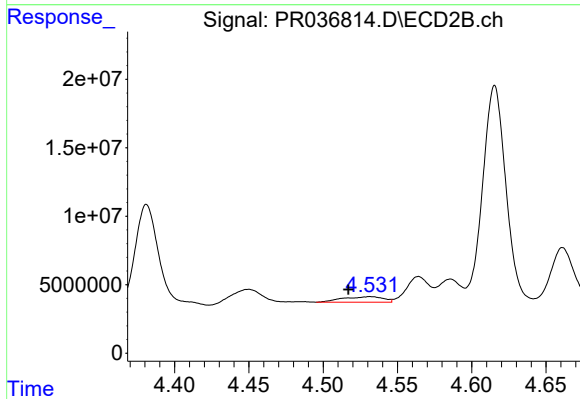
#15 AR-1232-5

R.T.: 4.956 min
Delta R.T.: 0.003 min
Response: 25387868
Conc: 442.97 ng/ml



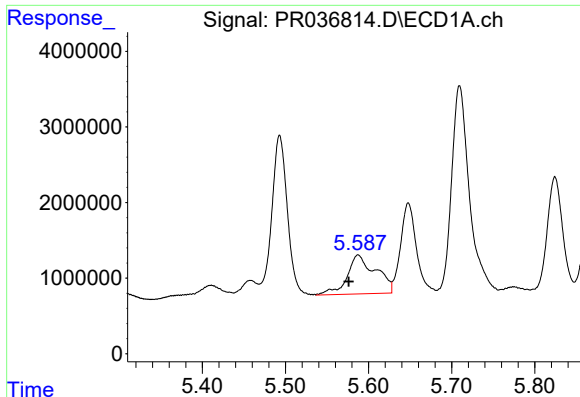
#16 AR-1242-1

R.T.: 5.587 min
Delta R.T.: 0.033 min
Response: 12343745
Conc: 393.04 ng/ml



#16 AR-1242-1

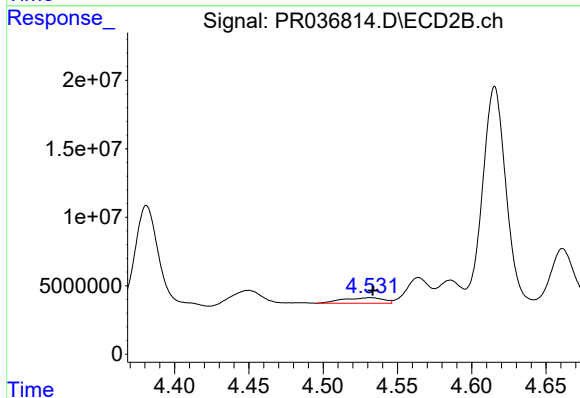
R.T.: 4.532 min
Delta R.T.: 0.015 min
Response: 7609402
Conc: 66.59 ng/ml



#17 AR-1242-2

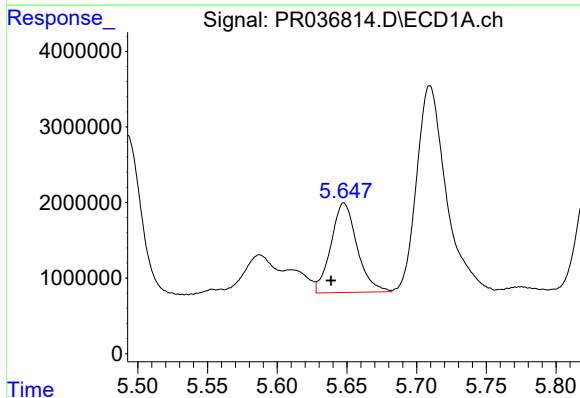
R.T.: 5.587 min
Delta R.T.: 0.011 min
Response: 12343745
Conc: 238.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



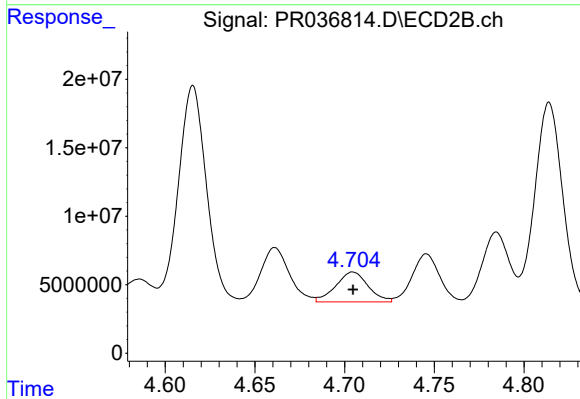
#17 AR-1242-2

R.T.: 4.532 min
Delta R.T.: -0.001 min
Response: 7609402
Conc: 40.01 ng/ml



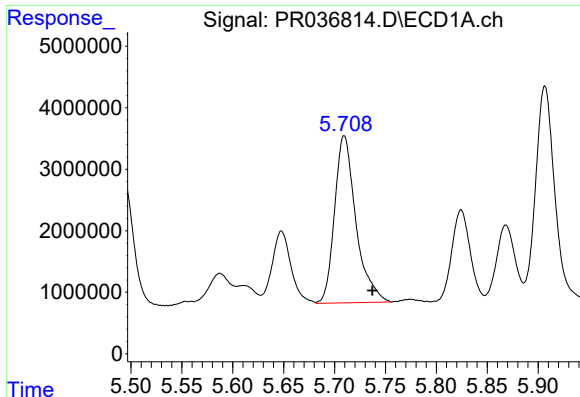
#18 AR-1242-3

R.T.: 5.648 min
Delta R.T.: 0.009 min
Response: 15482792
Conc: 485.43 ng/ml



#18 AR-1242-3

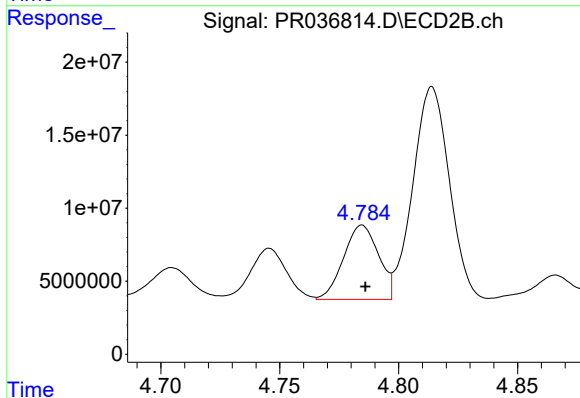
R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 27386668
Conc: 286.43 ng/ml



#19 AR-1242-4

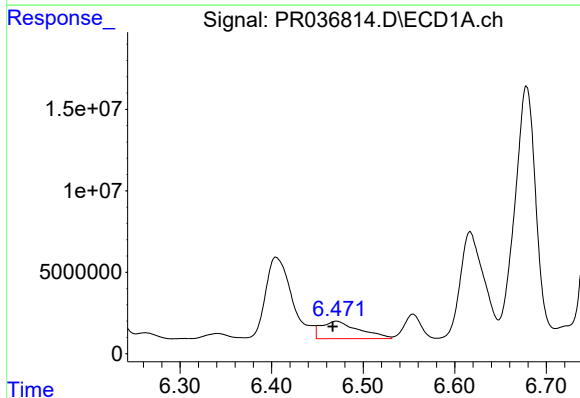
R.T.: 5.710 min
Delta R.T.: -0.028 min
Response: 39678887
Conc: 1526.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



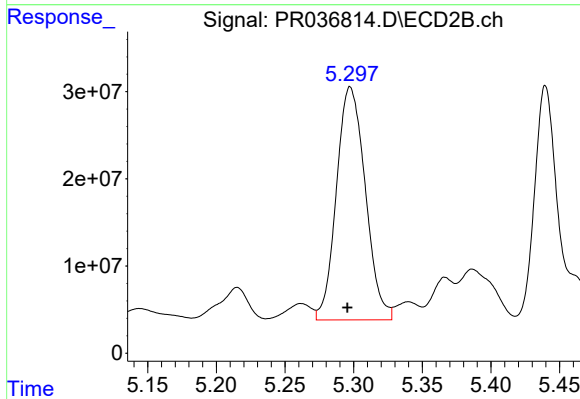
#19 AR-1242-4

R.T.: 4.785 min
Delta R.T.: -0.001 min
Response: 51950088
Conc: 575.38 ng/ml



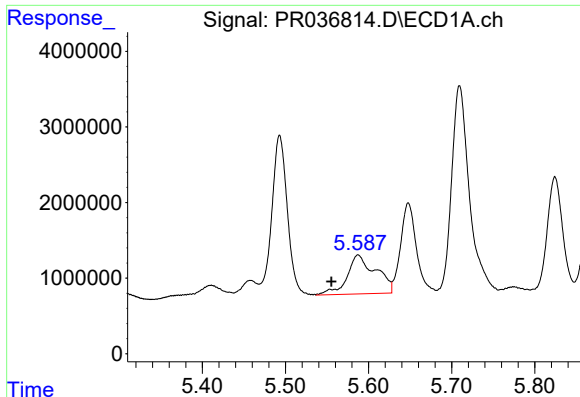
#20 AR-1242-5

R.T.: 6.471 min
Delta R.T.: 0.004 min
Response: 30645643
Conc: 997.34 ng/ml



#20 AR-1242-5

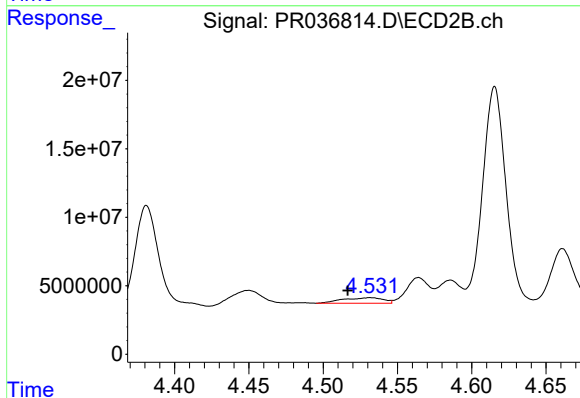
R.T.: 5.297 min
Delta R.T.: 0.002 min
Response: 391257209
Conc: 2834.07 ng/ml



#21 AR-1248-1

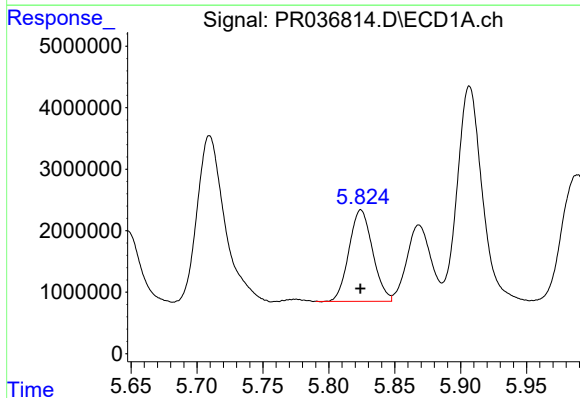
R.T.: 5.587 min
Delta R.T.: 0.032 min
Response: 12343745
Conc: 478.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



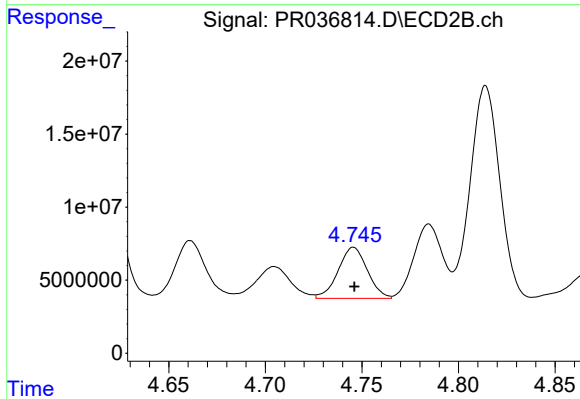
#21 AR-1248-1

R.T.: 4.532 min
Delta R.T.: 0.015 min
Response: 7609402
Conc: 78.36 ng/ml



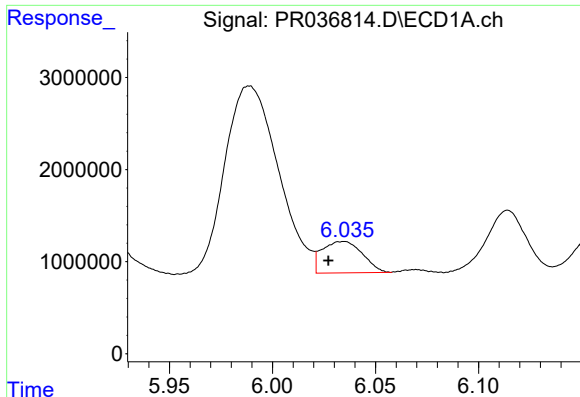
#22 AR-1248-2

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 18583118
Conc: 463.49 ng/ml



#22 AR-1248-2

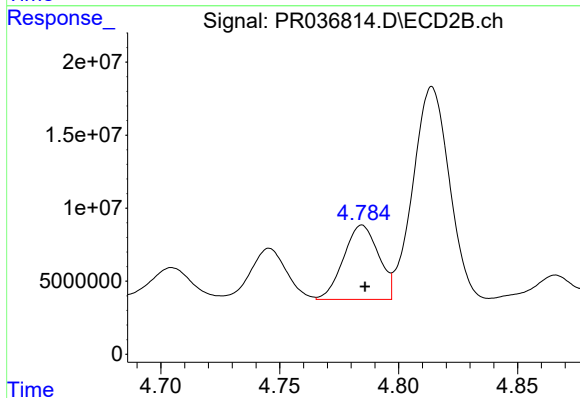
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 36856950
Conc: 272.94 ng/ml



#23 AR-1248-3

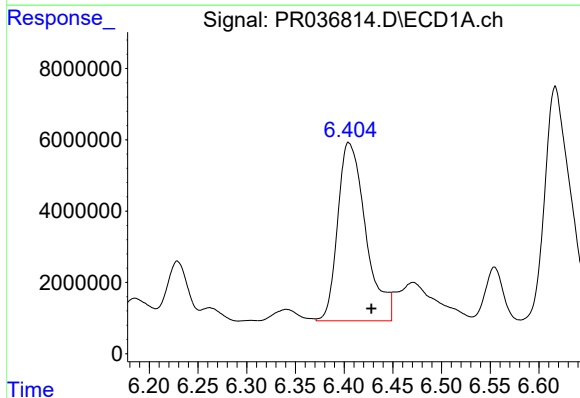
R.T.: 6.034 min
Delta R.T.: 0.007 min
Response: 4635000
Conc: 102.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



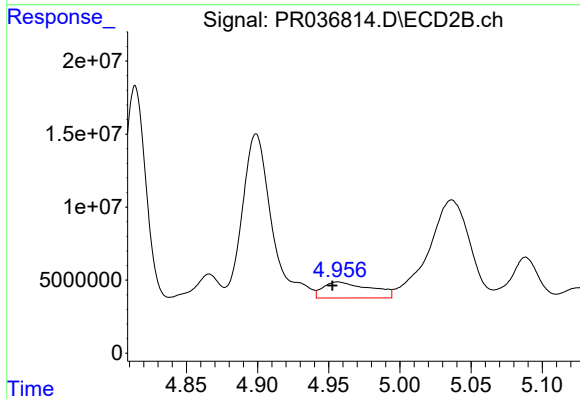
#23 AR-1248-3

R.T.: 4.785 min
Delta R.T.: -0.001 min
Response: 51950088
Conc: 373.28 ng/ml



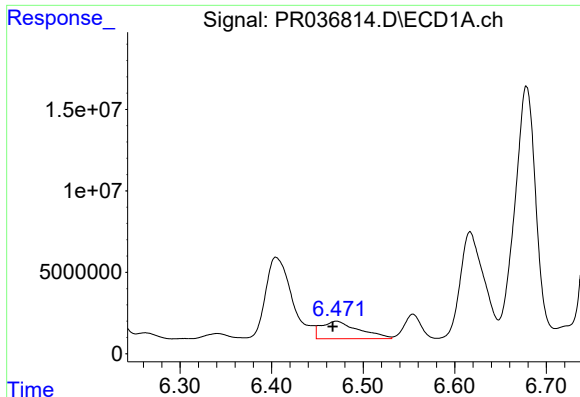
#24 AR-1248-4

R.T.: 6.405 min
Delta R.T.: -0.023 min
Response: 99958828
Conc: 1860.32 ng/ml



#24 AR-1248-4

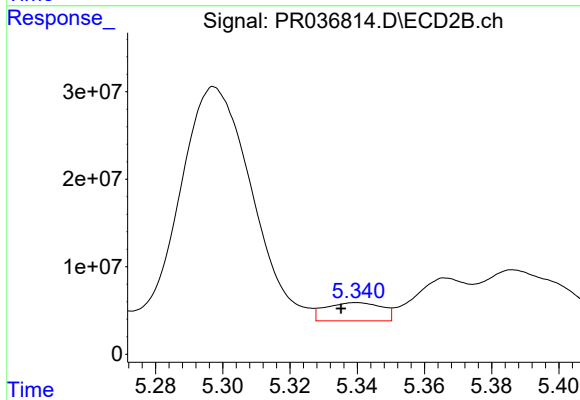
R.T.: 4.956 min
Delta R.T.: 0.004 min
Response: 25387868
Conc: 143.95 ng/ml



#25 AR-1248-5

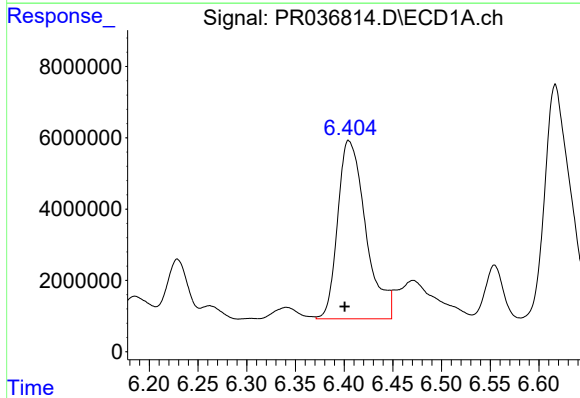
R.T.: 6.471 min
Delta R.T.: 0.004 min
Response: 30645643
Conc: 591.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



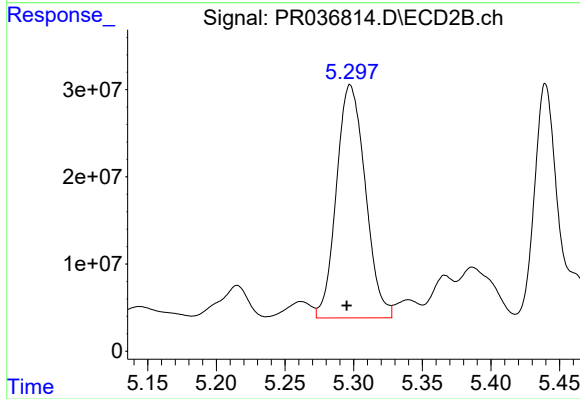
#25 AR-1248-5

R.T.: 5.340 min
Delta R.T.: 0.005 min
Response: 24009487
Conc: 123.50 ng/ml



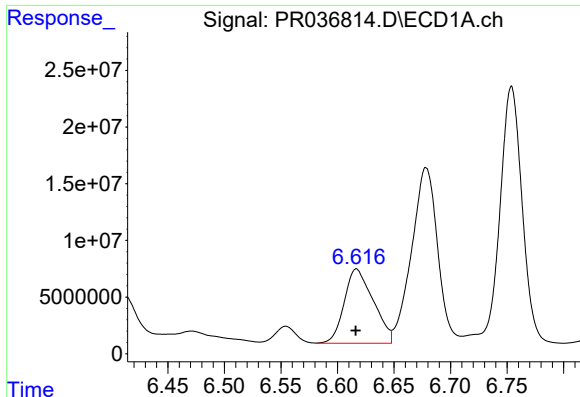
#26 AR-1254-1

R.T.: 6.405 min
Delta R.T.: 0.004 min
Response: 99958828
Conc: 1724.63 ng/ml



#26 AR-1254-1

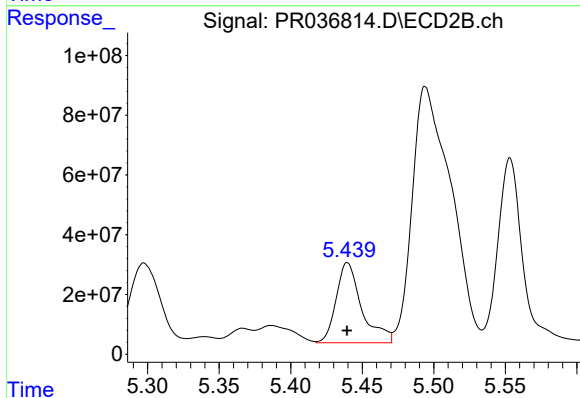
R.T.: 5.297 min
Delta R.T.: 0.003 min
Response: 391257209
Conc: 1189.64 ng/ml



#27 AR-1254-2

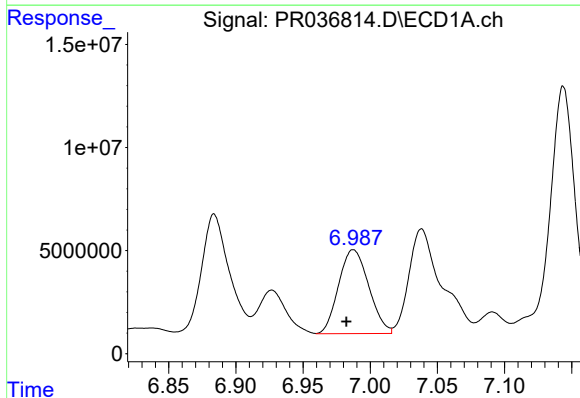
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 117311609
Conc: 1256.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



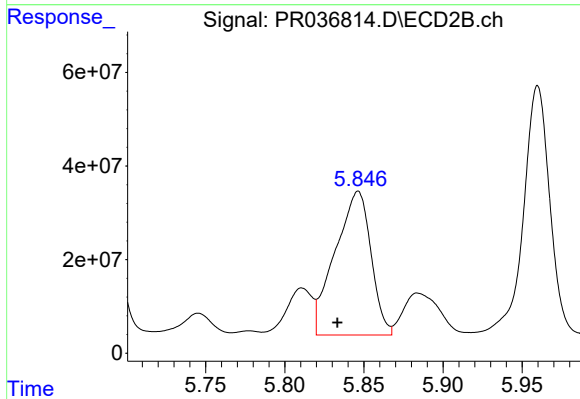
#27 AR-1254-2

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 333709494
Conc: 1127.18 ng/ml



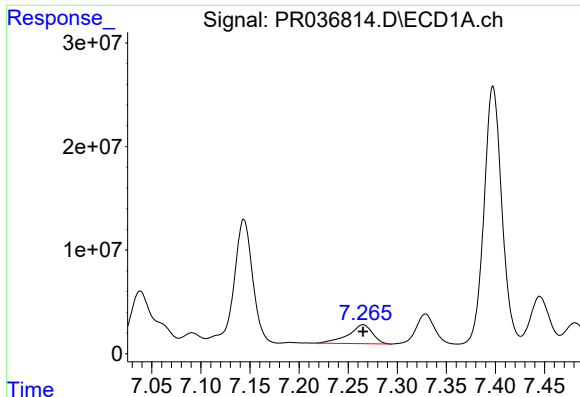
#28 AR-1254-3

R.T.: 6.987 min
Delta R.T.: 0.005 min
Response: 63581181
Conc: 612.14 ng/ml



#28 AR-1254-3

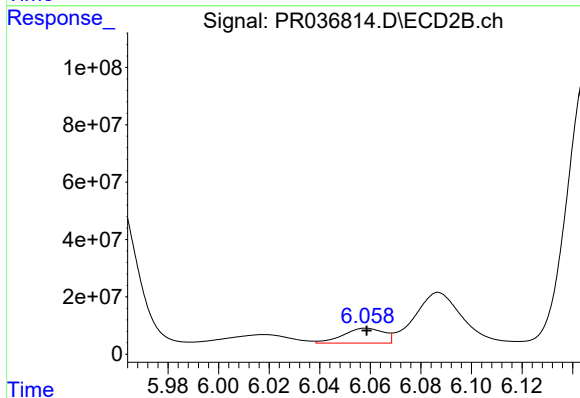
R.T.: 5.846 min
Delta R.T.: 0.013 min
Response: 484036606
Conc: 951.49 ng/ml



#29 AR-1254-4

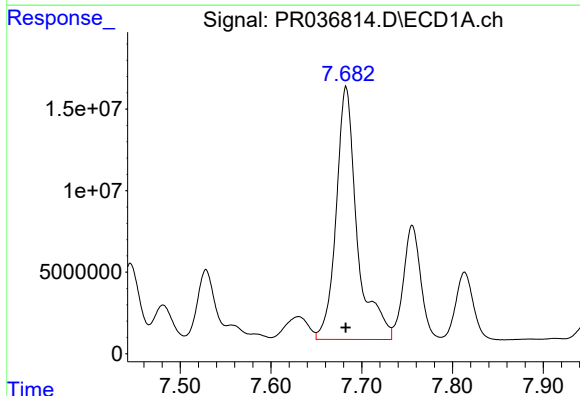
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 31272553
Conc: 400.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



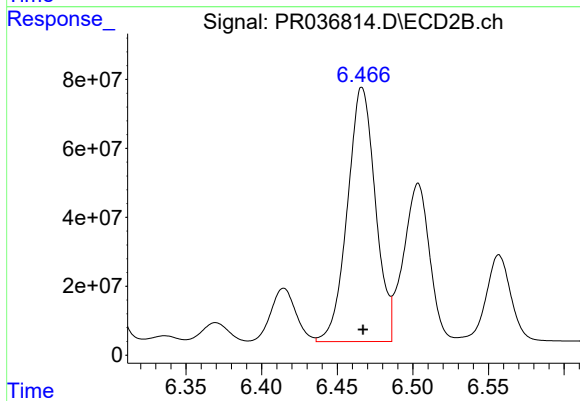
#29 AR-1254-4

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 57473929
Conc: 149.97 ng/ml



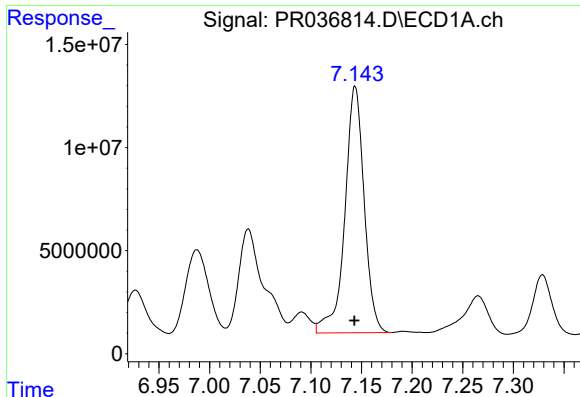
#30 AR-1254-5

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 249280091
Conc: 2440.01 ng/ml



#30 AR-1254-5

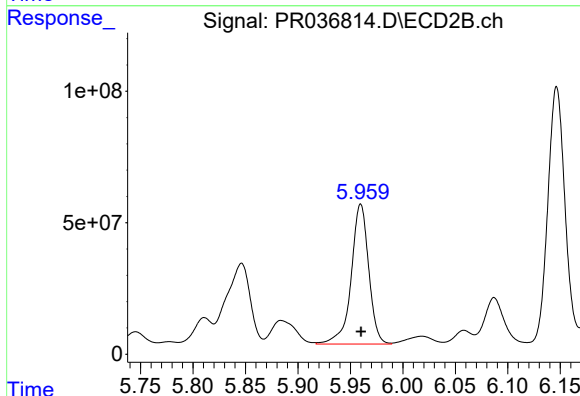
R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 950670667
Conc: 1869.82 ng/ml



#31 AR-1260-1

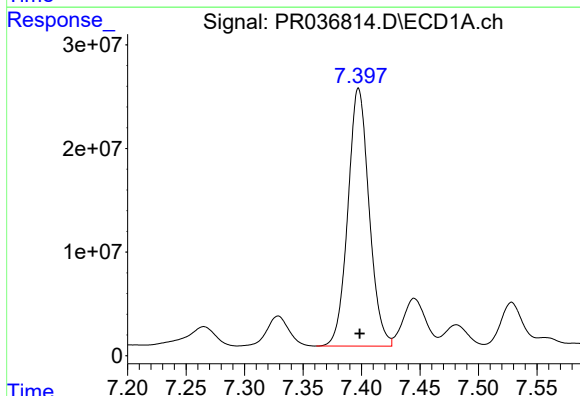
R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 158762046
Conc: 1557.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



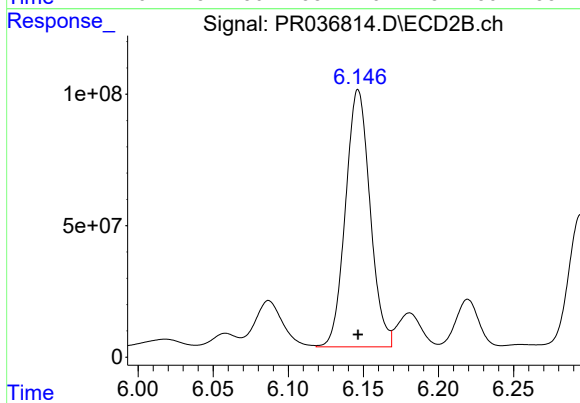
#31 AR-1260-1

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 618370174
Conc: 1413.81 ng/ml



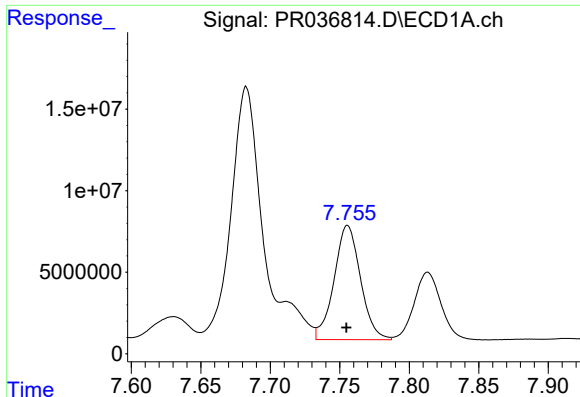
#32 AR-1260-2

R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 314527110
Conc: 2563.23 ng/ml



#32 AR-1260-2

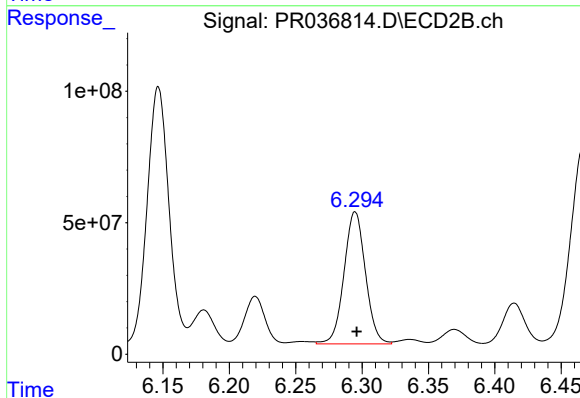
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 1112802305
Conc: 1701.34 ng/ml



#33 AR-1260-3

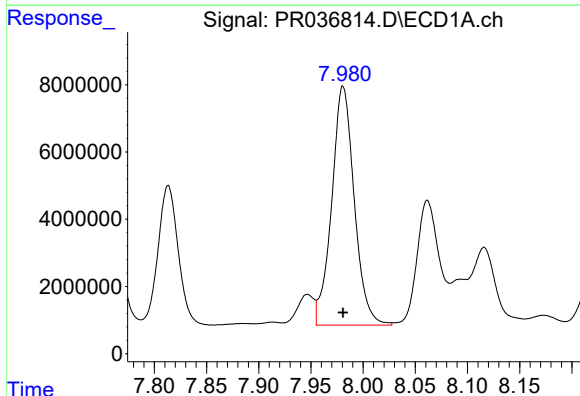
R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 92728469
Conc: 966.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



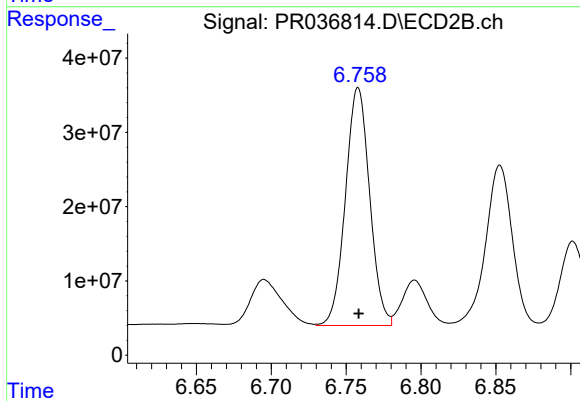
#33 AR-1260-3

R.T.: 6.295 min
Delta R.T.: -0.001 min
Response: 564043874
Conc: 1066.47 ng/ml



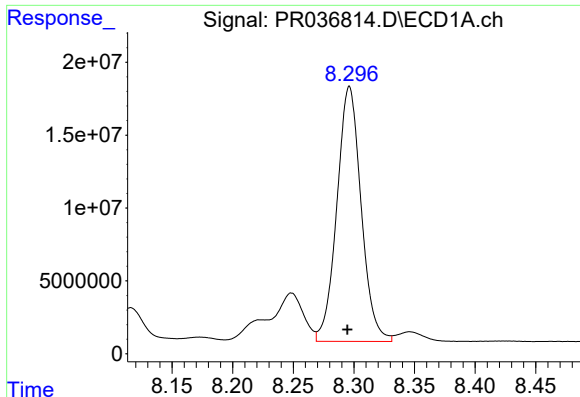
#34 AR-1260-4

R.T.: 7.981 min
Delta R.T.: 0.000 min
Response: 106921227
Conc: 964.88 ng/ml



#34 AR-1260-4

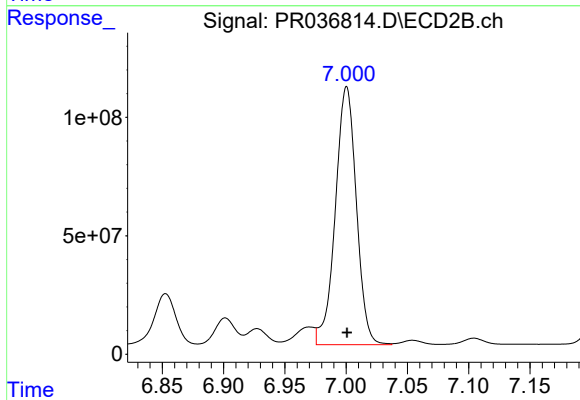
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 360839906
Conc: 773.76 ng/ml



#35 AR-1260-5

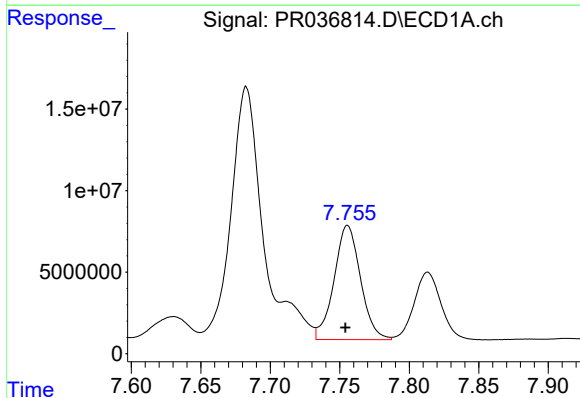
R.T.: 8.296 min
Delta R.T.: 0.002 min
Response: 243724583
Conc: 1118.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



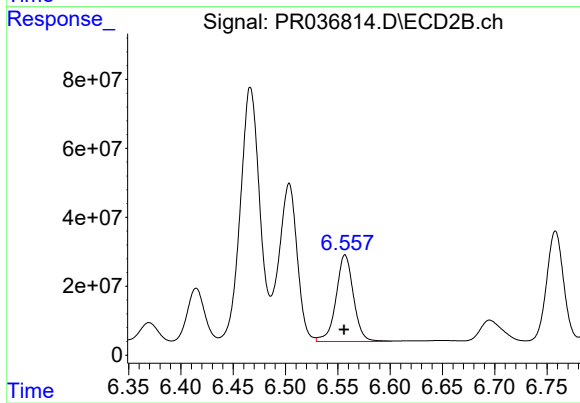
#35 AR-1260-5

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 1302549084
Conc: 978.26 ng/ml



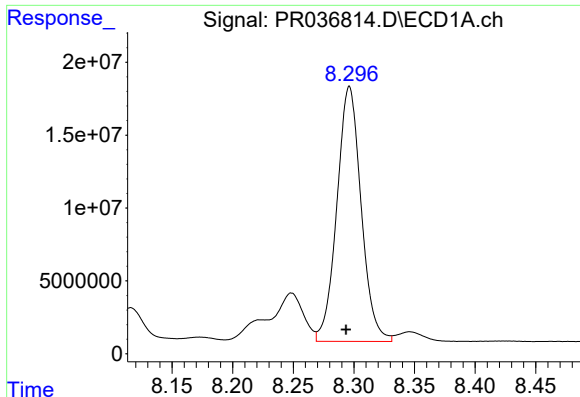
#36 AR-1262-1

R.T.: 7.756 min
Delta R.T.: 0.002 min
Response: 92728469
Conc: 790.75 ng/ml



#36 AR-1262-1

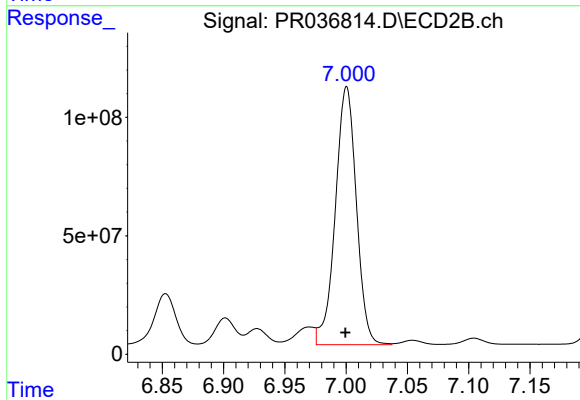
R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 292151251
Conc: 1065.79 ng/ml



#37 AR-1262-2

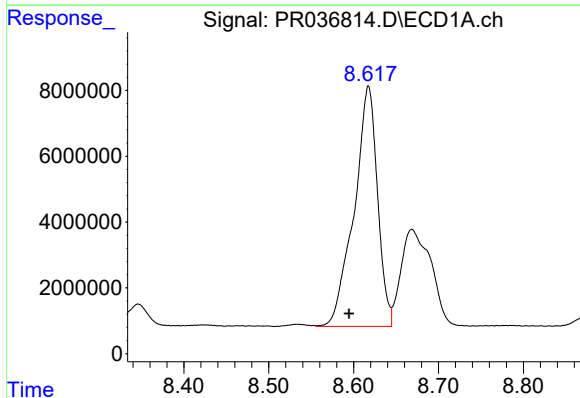
R.T.: 8.296 min
Delta R.T.: 0.003 min
Response: 243724583
Conc: 1130.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



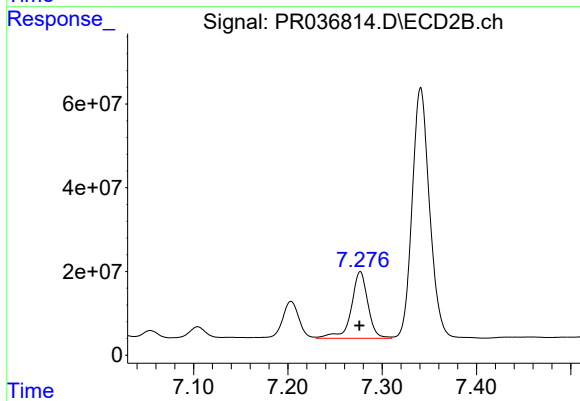
#37 AR-1262-2

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 1302549084
Conc: 950.33 ng/ml



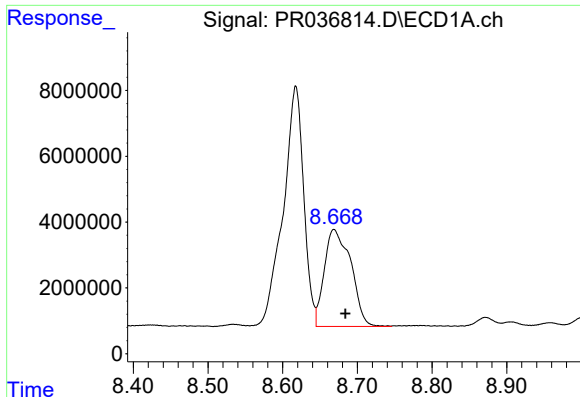
#38 AR-1262-3

R.T.: 8.618 min
Delta R.T.: 0.023 min
Response: 139708159
Conc: 956.43 ng/ml



#38 AR-1262-3

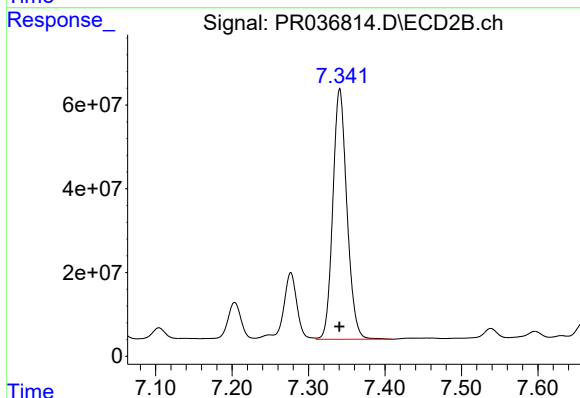
R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 194953372
Conc: 357.14 ng/ml



#39 AR-1262-4

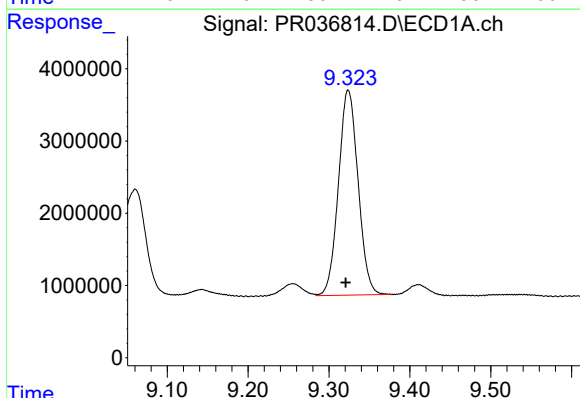
R.T.: 8.669 min
Delta R.T.: -0.015 min
Response: 72691149
Conc: 663.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



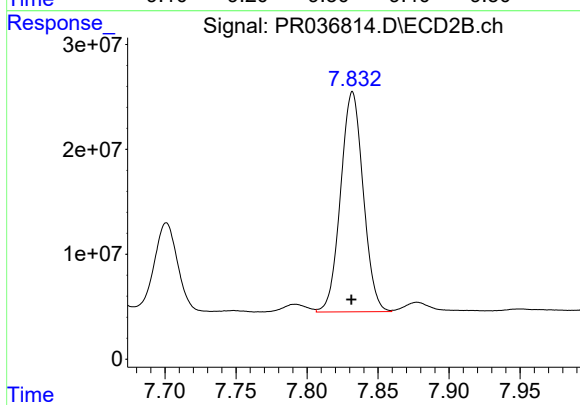
#39 AR-1262-4

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 767293708
Conc: 835.29 ng/ml



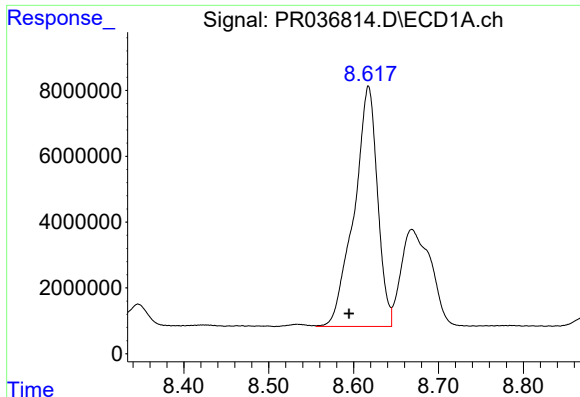
#40 AR-1262-5

R.T.: 9.324 min
Delta R.T.: 0.003 min
Response: 47916623
Conc: 641.44 ng/ml



#40 AR-1262-5

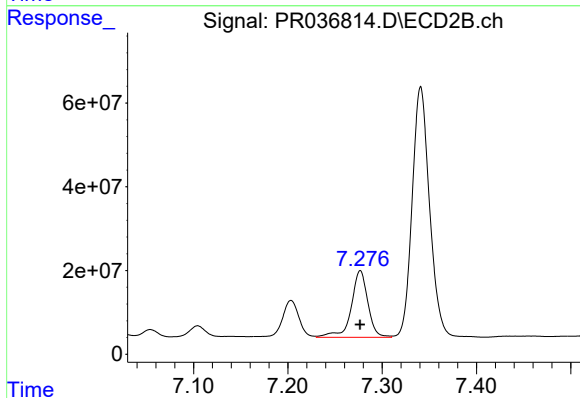
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 232451639
Conc: 578.70 ng/ml



#41 AR-1268-1

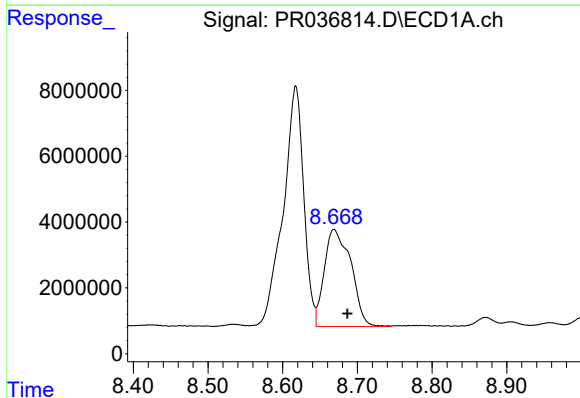
R.T.: 8.618 min
Delta R.T.: 0.023 min
Response: 139708159
Conc: 597.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



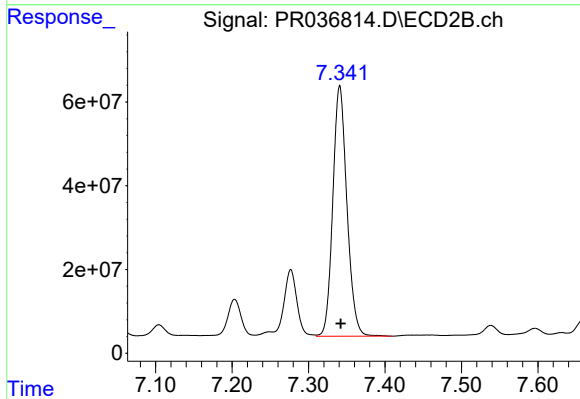
#41 AR-1268-1

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 194953372
Conc: 131.73 ng/ml



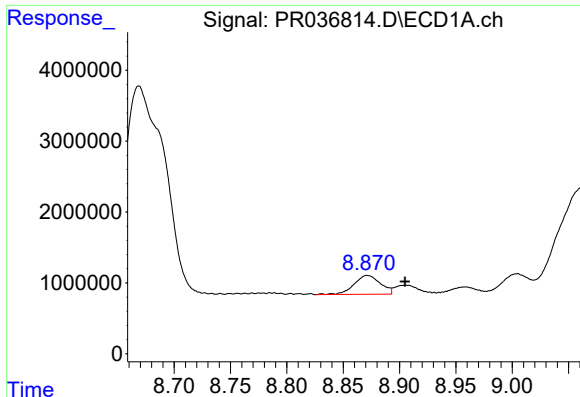
#42 AR-1268-2

R.T.: 8.669 min
Delta R.T.: -0.018 min
Response: 72691149
Conc: 340.88 ng/ml



#42 AR-1268-2

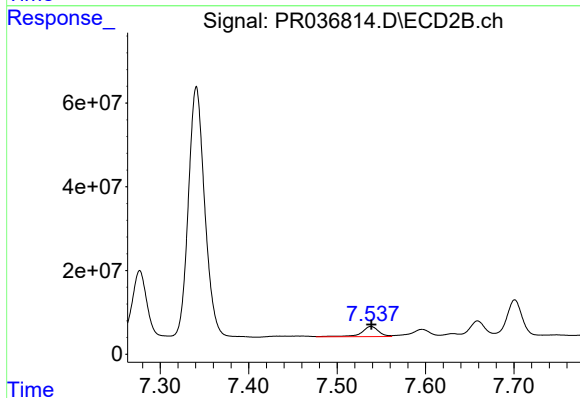
R.T.: 7.341 min
Delta R.T.: -0.001 min
Response: 767293708
Conc: 611.18 ng/ml



#43 AR-1268-3

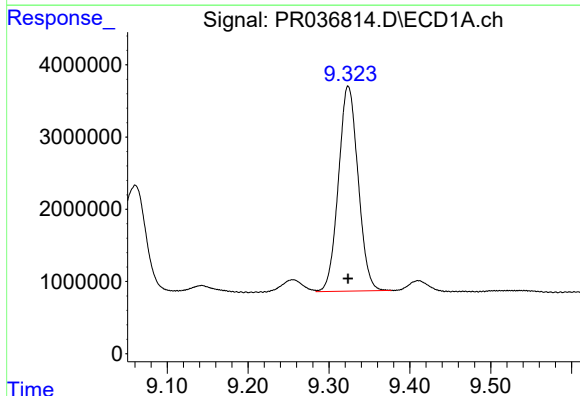
R.T.: 8.871 min
Delta R.T.: -0.034 min
Response: 4339570
Conc: 24.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



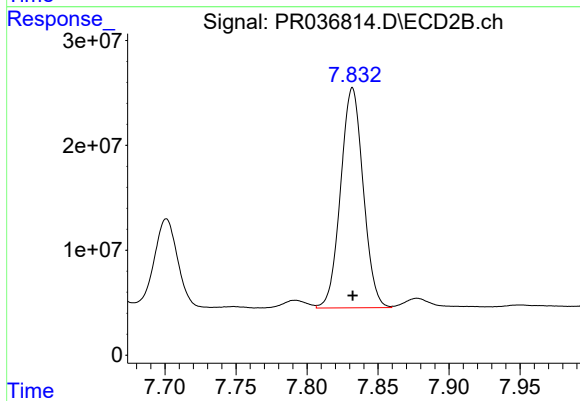
#43 AR-1268-3

R.T.: 7.538 min
Delta R.T.: 0.000 min
Response: 33620778
Conc: 34.57 ng/ml



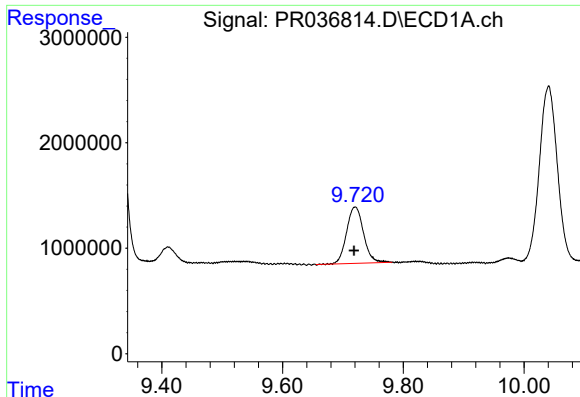
#44 AR-1268-4

R.T.: 9.324 min
Delta R.T.: 0.000 min
Response: 47916623
Conc: 602.48 ng/ml



#44 AR-1268-4

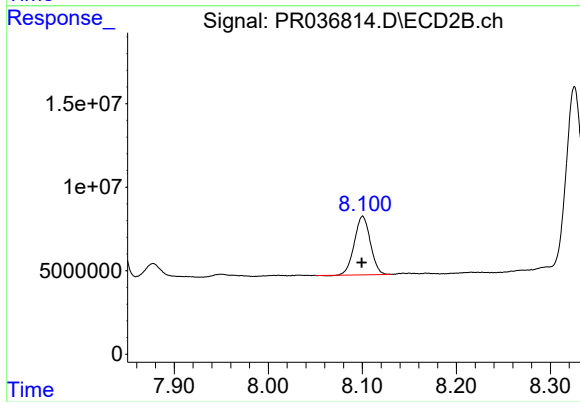
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 232451639
Conc: 535.13 ng/ml



#45 AR-1268-5

R.T.: 9.720 min
Delta R.T.: 0.002 min
Response: 10405169
Conc: 17.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.100 min
Delta R.T.: 0.000 min
Response: 41368026
Conc: 13.70 ng/ml