

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072319\
 Data File : PR039618.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2019 14:47
 Operator : SM\AJ
 Sample : K3941-06DL 4X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 15:09:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 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...	3.760	4.599	13227803	50821482	5.512	5.070
2)	SA Decachlor...	8.712	10.348	16105868	51310544	6.482	5.466
Target Compounds							
3)	L1 AR-1016-1	4.853	0.000	1250857	0	14.228	N.D. #
4)	L1 AR-1016-2	4.853	0.000	1250857	0	8.636	N.D. #
5)	L1 AR-1016-3	5.021	0.000	649528	0	9.351	N.D. #
6)	L1 AR-1016-4	5.064	0.000	5738787	0	101.947	N.D. #
7)	L1 AR-1016-5	5.273	6.231	2521933	10290829	33.625	40.960
10)	L2 AR-1221-3	4.189	0.000	1638400	0	20.920	N.D. #
11)	L3 AR-1232-1	4.189	0.000	1638400	0	20.965	N.D. #
12)	L3 AR-1232-2	4.853	0.000	1250857	0	13.308	N.D. #
13)	L3 AR-1232-3	5.021	0.000	649528	0	15.365	N.D. #
14)	L3 AR-1232-4	5.104	0.000	1769509	0	44.459	N.D. #
15)	L3 AR-1232-5	5.273	6.027	2521933	18560704	59.592	164.273 #
16)	L4 AR-1242-1	4.853	0.000	1250857	0	13.701	N.D. #
17)	L4 AR-1242-2	4.853	0.000	1250857	0	8.727	N.D. #
18)	L4 AR-1242-3	5.021	0.000	649528	0	9.190	N.D. #
19)	L4 AR-1242-4	5.104	0.000	1769509	0	25.297	N.D. #
20)	L4 AR-1242-5	5.620	6.672	38281977	20797339	385.402	71.703 #
21)	L5 AR-1248-1	4.853	0.000	1250857	0	17.286	N.D. #
22)	L5 AR-1248-2	5.064	6.027	5738787	18560704	73.354	49.299 #
23)	L5 AR-1248-3	5.104	6.231	1769509	10290829	16.571	23.610 #
24)	L5 AR-1248-4	5.273	6.630	2521933	35649137	19.049	68.633 #
25)	L5 AR-1248-5	5.659	6.672	4045244	20797339	27.910	42.192 #
26)	L6 AR-1254-1	5.620	6.603	38281977	90661550	248.213	248.901
27)	L6 AR-1254-2	5.765	6.818	50016925	176.3E6	382.005	308.716
28)	L6 AR-1254-3	6.164	7.184	103.1E6	246.7E6	461.249	395.650
29)	L6 AR-1254-4	6.389	7.467	65880614	194.0E6	453.045	428.462
30)	L6 AR-1254-5	6.801	7.882	129.2E6	310.7E6	678.633	654.377
31)	L7 AR-1260-1	6.291	7.344	55017784	116.1E6	377.529	261.635 #
32)	L7 AR-1260-2	6.476	7.597	58388976	154.4E6	317.135	281.696
33)	L7 AR-1260-3	6.628	7.949	53578400	45040375	323.409	107.434 #
34)	L7 AR-1260-4	7.094	8.177	12555338	128.7E6	90.322	266.760 #
35)	L7 AR-1260-5	7.313	8.510	14788204	80029648	42.865	78.026 #
36)	L8 AR-1262-1	6.870	7.949	6992522	45040375	47.624	43.386
37)	L8 AR-1262-2	7.313	8.510	14788204	80029648	21.880	39.728 #
38)	L8 AR-1262-3	7.613	8.848	3815408	52789278	16.062	42.069 #
39)	L8 AR-1262-4	7.676	8.899	23773747	22322926	51.338	23.652 #
40)	L8 AR-1262-5	8.169	9.588	3192428	10990507	16.418	17.301
41)	L9 AR-1268-1	7.613	8.848	3815408	52789278	4.977	22.247 #
42)	L9 AR-1268-2	7.676	8.899	23773747	22322926	33.862	10.054 #
43)	L9 AR-1268-3	7.880	0.000	1997097	0	3.594	N.D. #

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 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
44) L9	AR-1268-4	8.169	9.588	3192428	10990507	13.857	14.821
45) L9	AR-1268-5	8.460	10.008	4188206	13557650	2.458	2.317

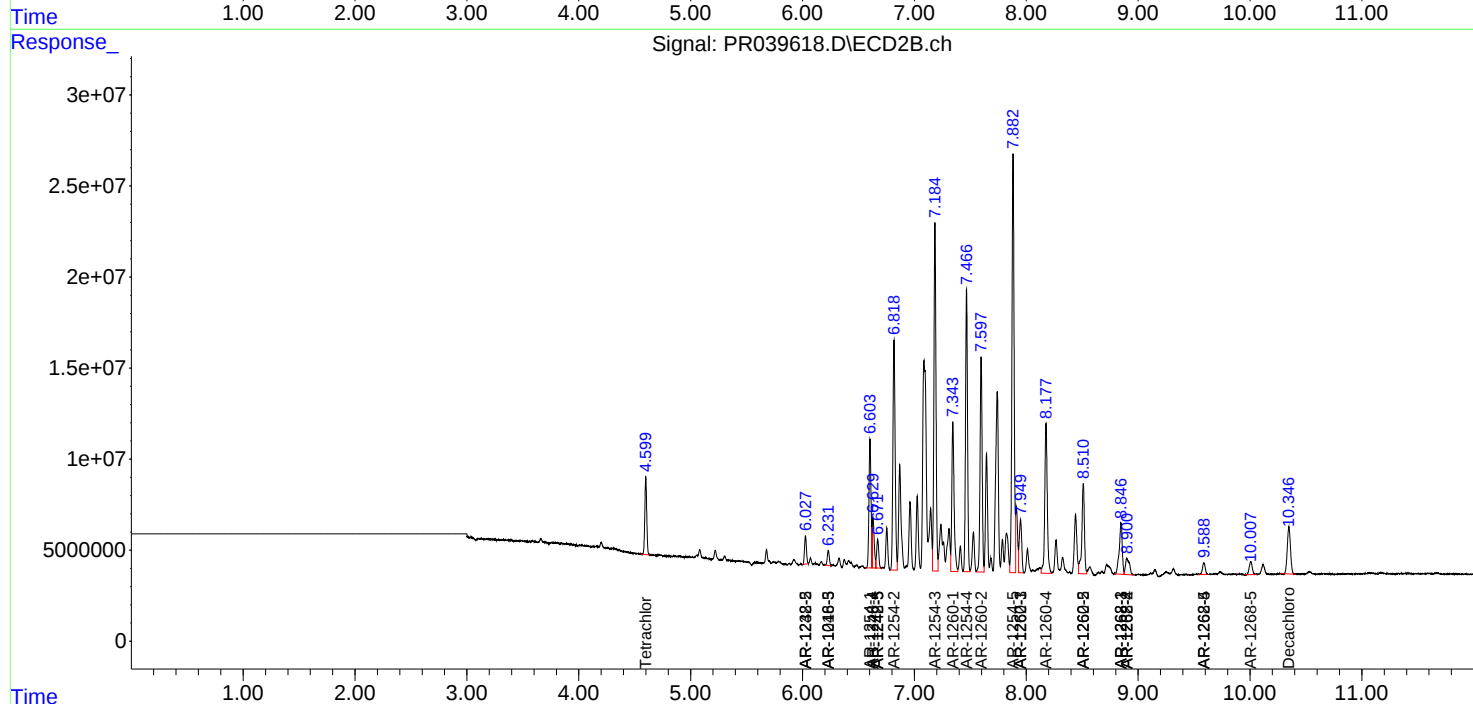
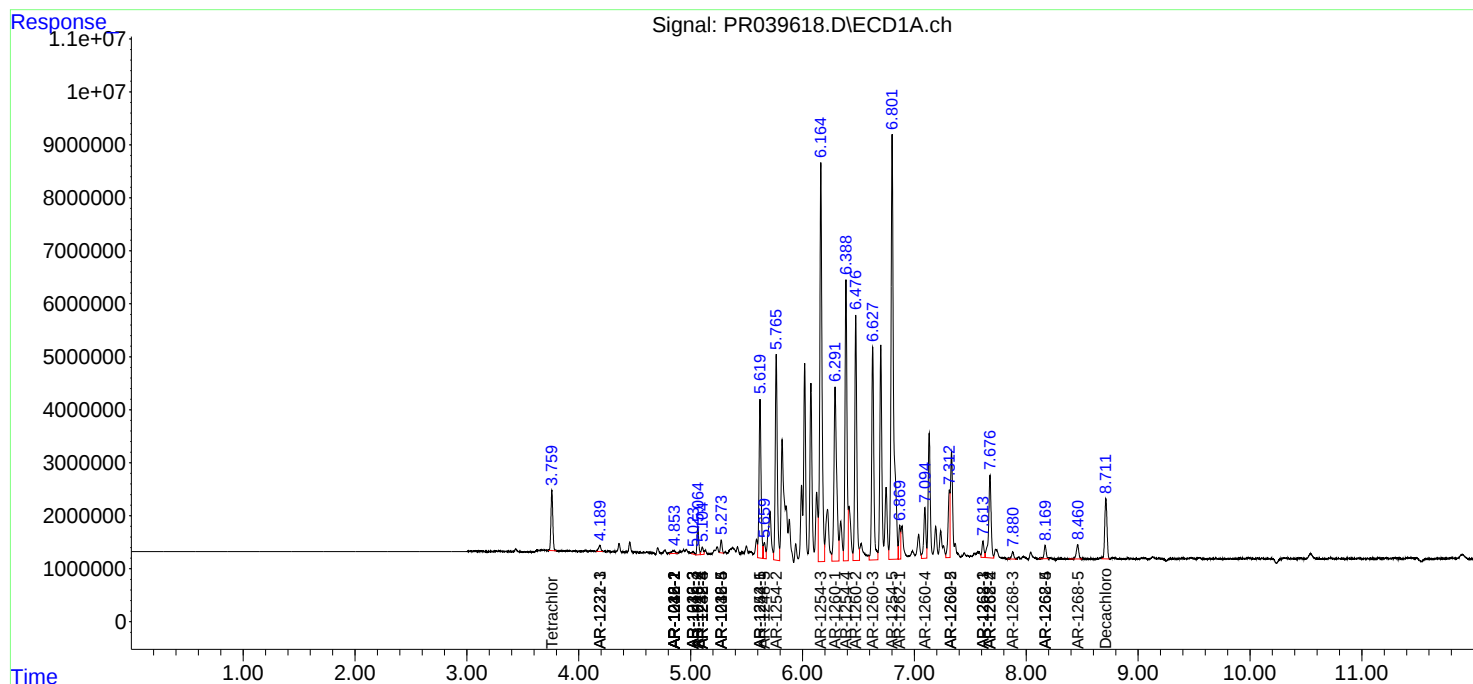
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

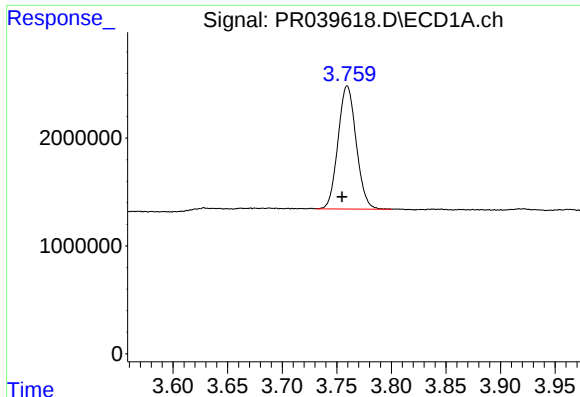
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072319\
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Integration File signal 2: autoint2.e
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

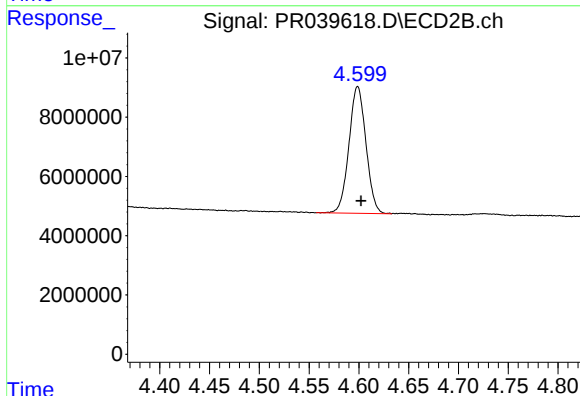




#1 Tetrachloro-m-xylene

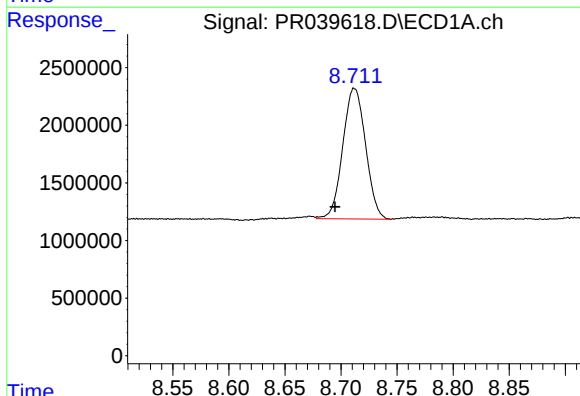
R.T.: 3.760 min
Delta R.T.: 0.005 min
Response: 13227803
Conc: 5.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



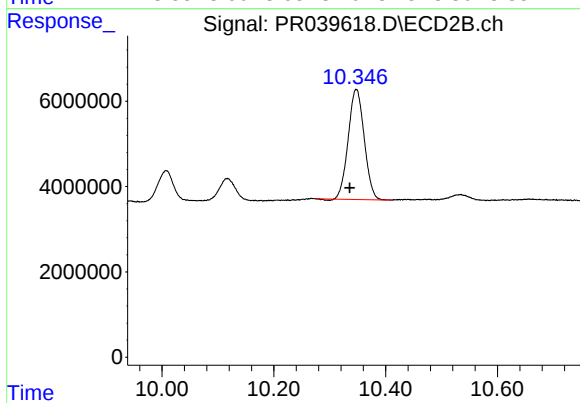
#1 Tetrachloro-m-xylene

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 50821482
Conc: 5.07 ng/ml



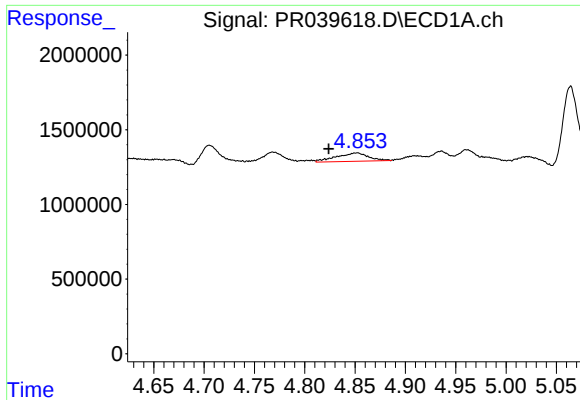
#2 Decachlorobiphenyl

R.T.: 8.712 min
Delta R.T.: 0.017 min
Response: 16105868
Conc: 6.48 ng/ml



#2 Decachlorobiphenyl

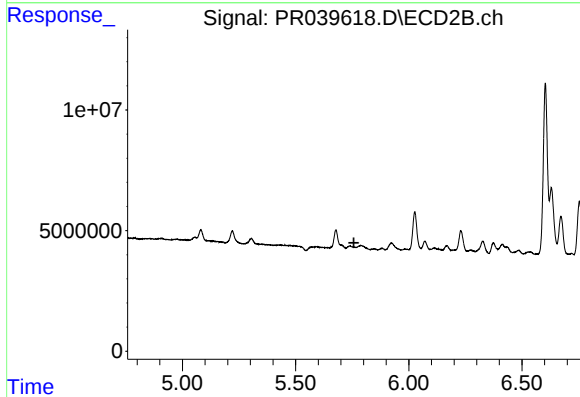
R.T.: 10.348 min
Delta R.T.: 0.012 min
Response: 51310544
Conc: 5.47 ng/ml



#3 AR-1016-1

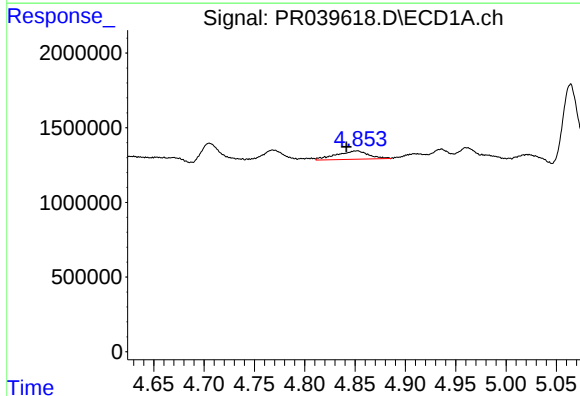
R.T.: 4.853 min
Delta R.T.: 0.029 min
Response: 1250857
Conc: 14.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



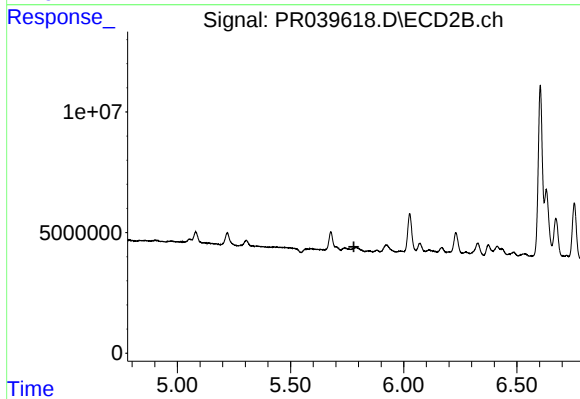
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



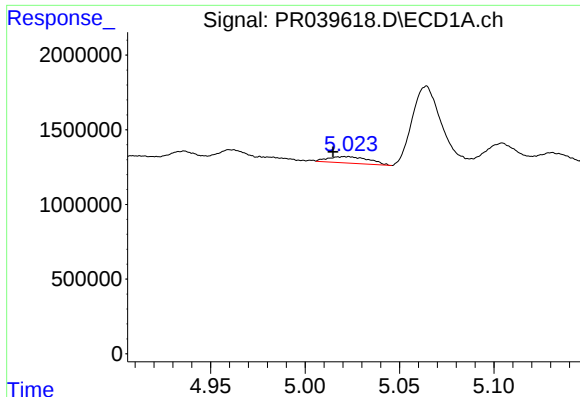
#4 AR-1016-2

R.T.: 4.853 min
Delta R.T.: 0.011 min
Response: 1250857
Conc: 8.64 ng/ml



#4 AR-1016-2

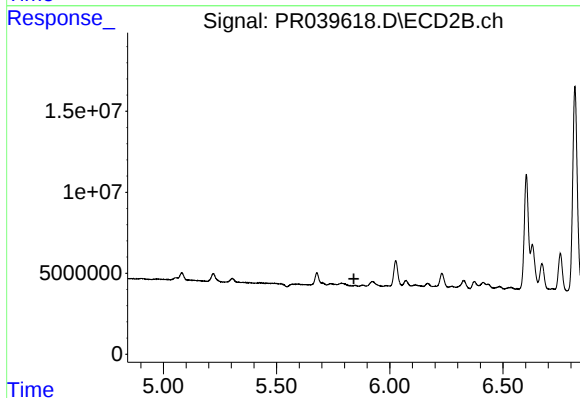
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#5 AR-1016-3

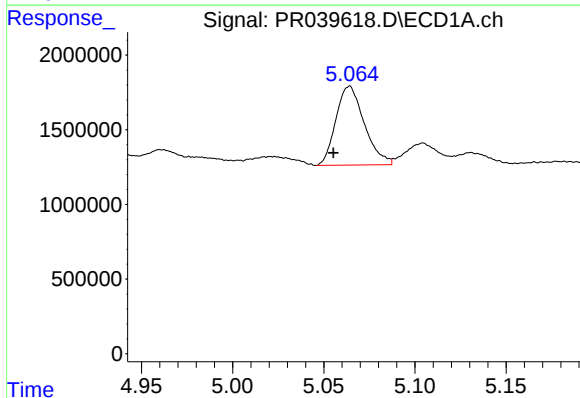
R.T.: 5.021 min
Delta R.T.: 0.006 min
Response: 649528
Conc: 9.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



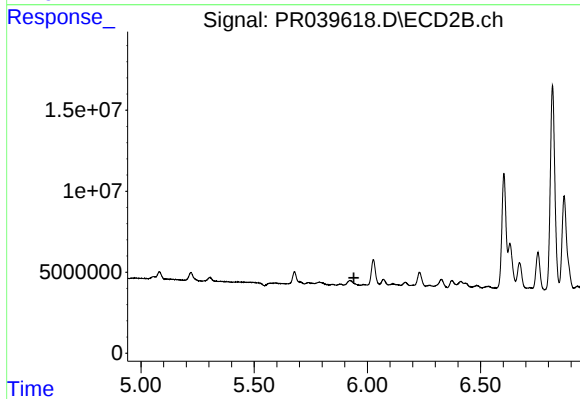
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



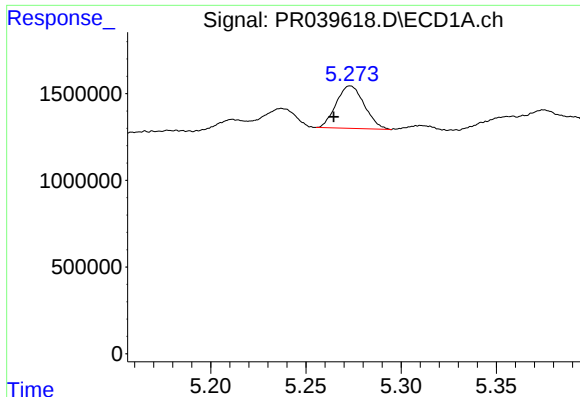
#6 AR-1016-4

R.T.: 5.064 min
Delta R.T.: 0.009 min
Response: 5738787
Conc: 101.95 ng/ml



#6 AR-1016-4

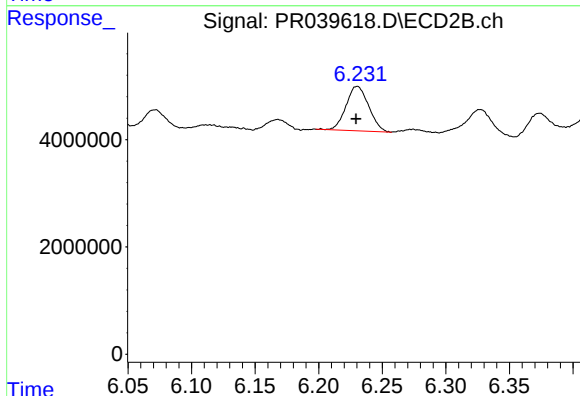
R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#7 AR-1016-5

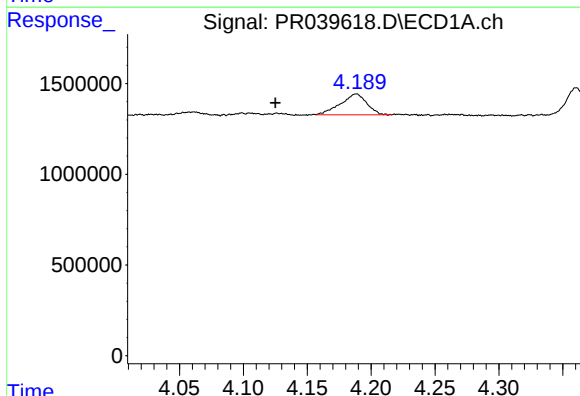
R.T.: 5.273 min
Delta R.T.: 0.009 min
Response: 2521933
Conc: 33.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



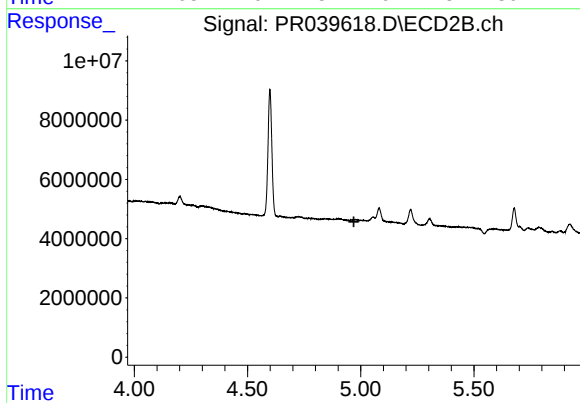
#7 AR-1016-5

R.T.: 6.231 min
Delta R.T.: 0.001 min
Response: 10290829
Conc: 40.96 ng/ml



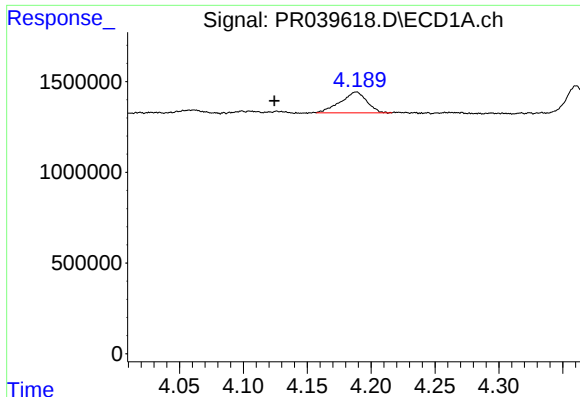
#10 AR-1221-3

R.T.: 4.189 min
Delta R.T.: 0.064 min
Response: 1638400
Conc: 20.92 ng/ml



#10 AR-1221-3

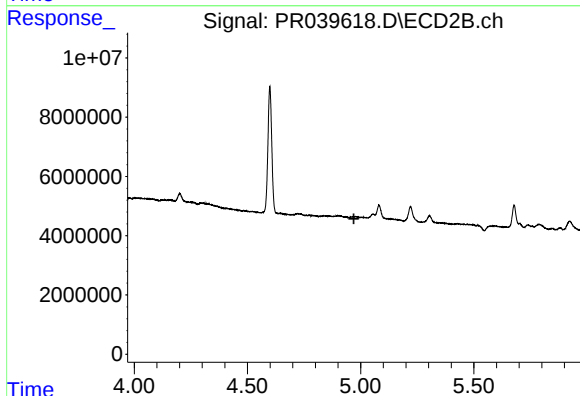
R.T.: 0.000 min
Exp R.T.: 4.970 min
Response: 0
Conc: N.D.



#11 AR-1232-1

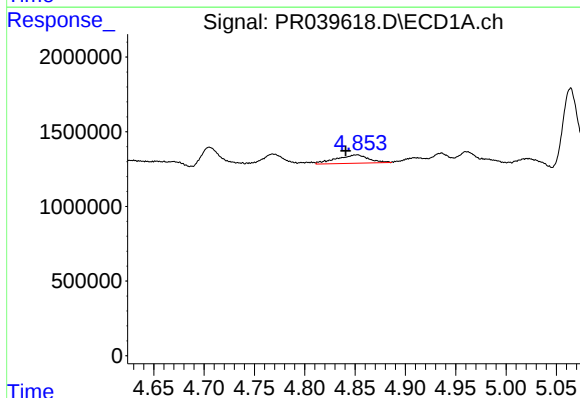
R.T.: 4.189 min
Delta R.T.: 0.064 min
Response: 1638400
Conc: 20.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



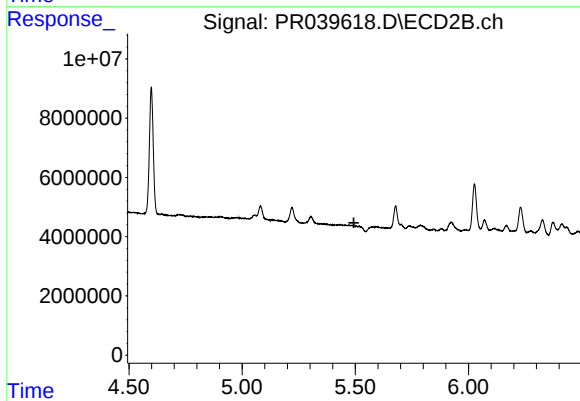
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



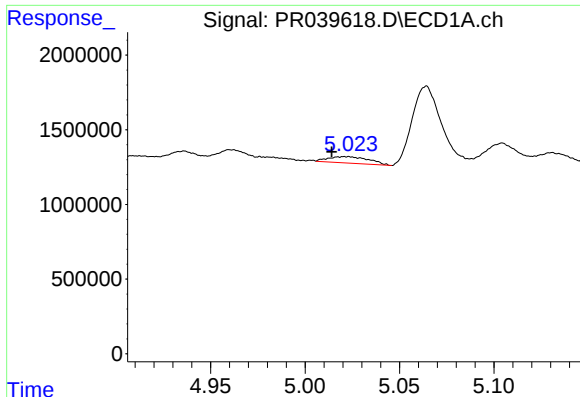
#12 AR-1232-2

R.T.: 4.853 min
Delta R.T.: 0.012 min
Response: 1250857
Conc: 13.31 ng/ml



#12 AR-1232-2

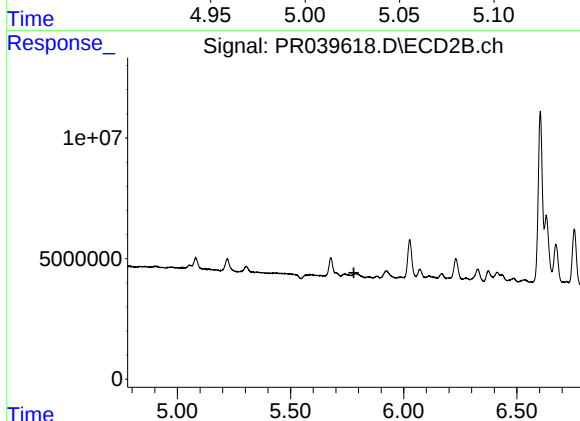
R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



#13 AR-1232-3

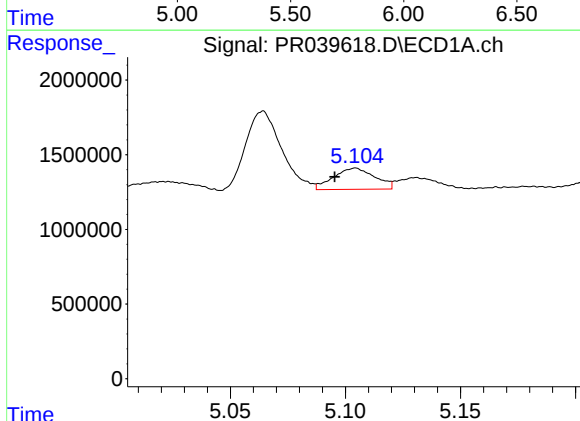
R.T.: 5.021 min
Delta R.T.: 0.007 min
Response: 649528
Conc: 15.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



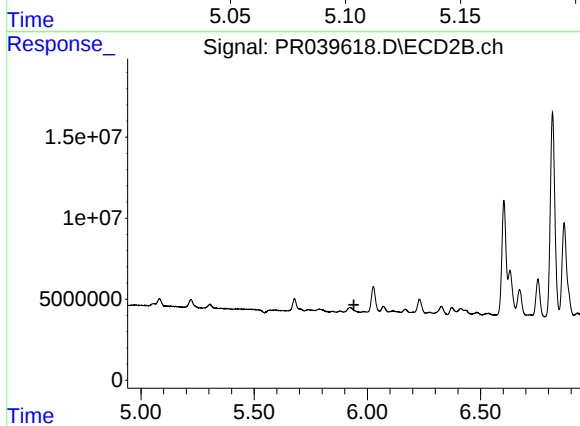
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



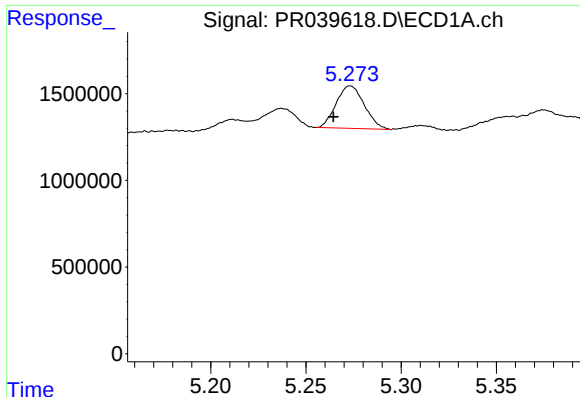
#14 AR-1232-4

R.T.: 5.104 min
Delta R.T.: 0.009 min
Response: 1769509
Conc: 44.46 ng/ml



#14 AR-1232-4

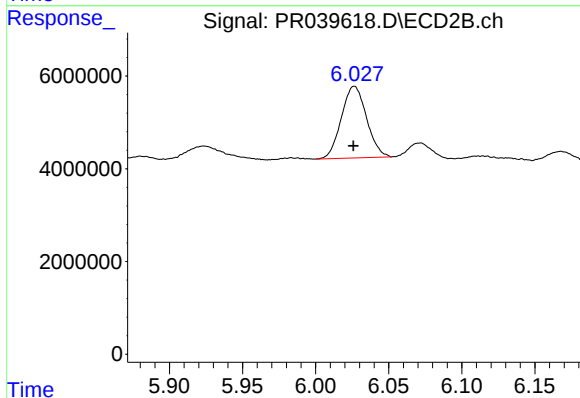
R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



#15 AR-1232-5

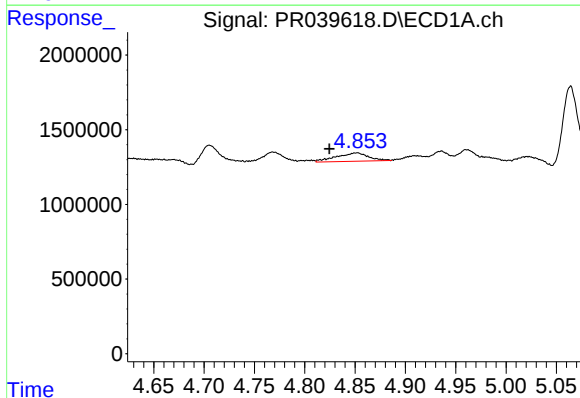
R.T.: 5.273 min
Delta R.T.: 0.009 min
Response: 2521933
Conc: 59.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



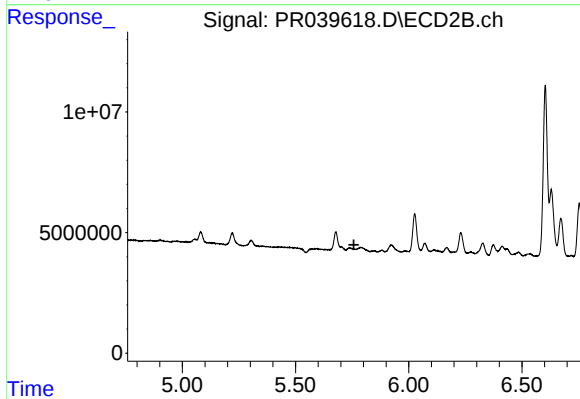
#15 AR-1232-5

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 18560704
Conc: 164.27 ng/ml



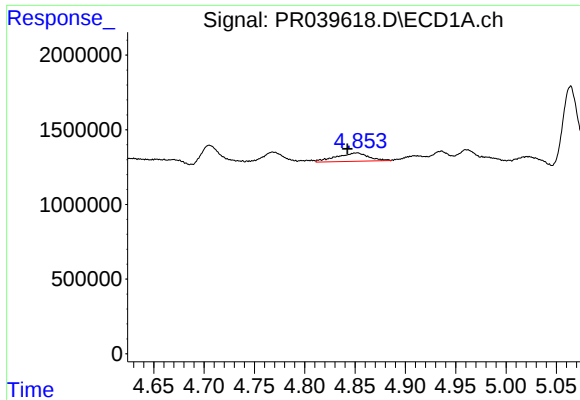
#16 AR-1242-1

R.T.: 4.853 min
Delta R.T.: 0.028 min
Response: 1250857
Conc: 13.70 ng/ml



#16 AR-1242-1

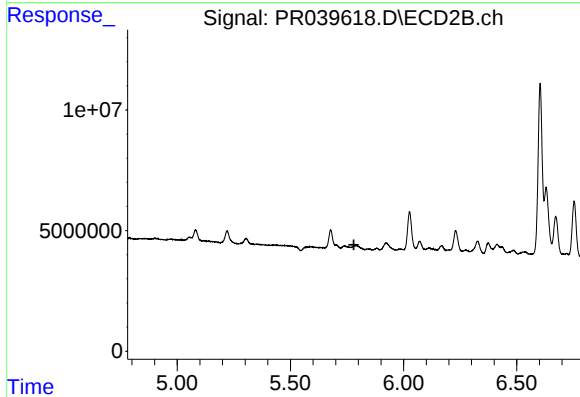
R.T.: 0.000 min
Exp R.T.: 5.758 min
Response: 0
Conc: N.D.



#17 AR-1242-2

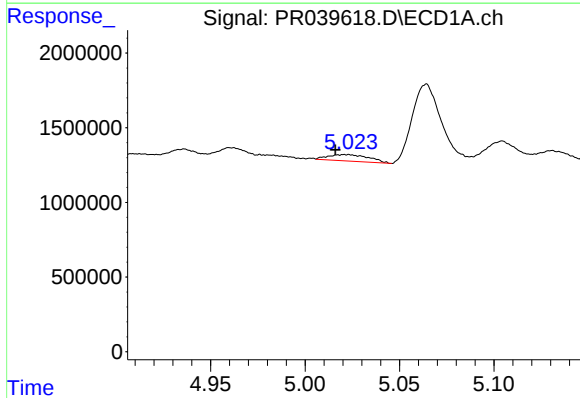
R.T.: 4.853 min
Delta R.T.: 0.010 min
Response: 1250857
Conc: 8.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



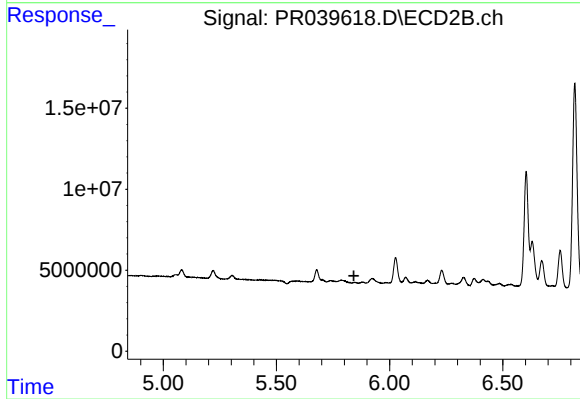
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



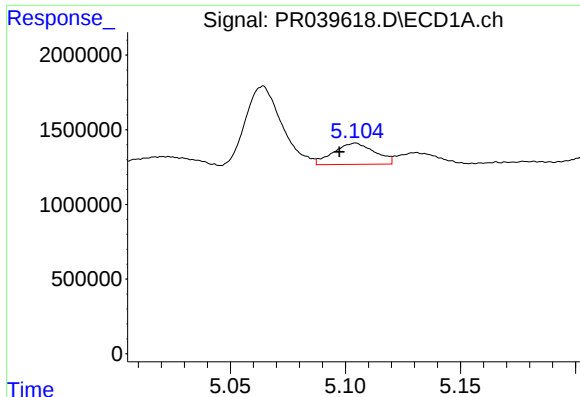
#18 AR-1242-3

R.T.: 5.021 min
Delta R.T.: 0.005 min
Response: 649528
Conc: 9.19 ng/ml



#18 AR-1242-3

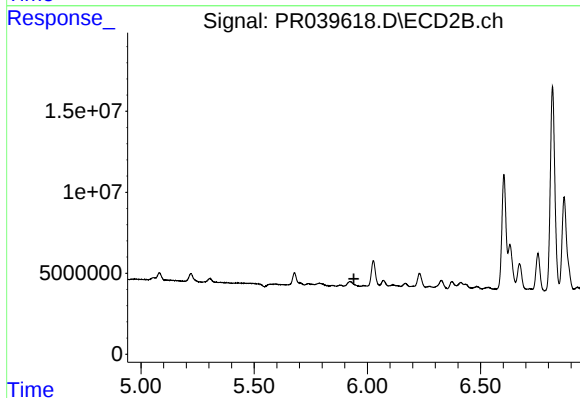
R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



#19 AR-1242-4

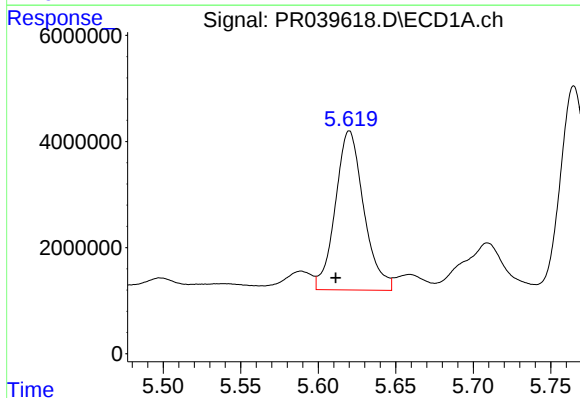
R.T.: 5.104 min
Delta R.T.: 0.007 min
Response: 1769509
Conc: 25.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



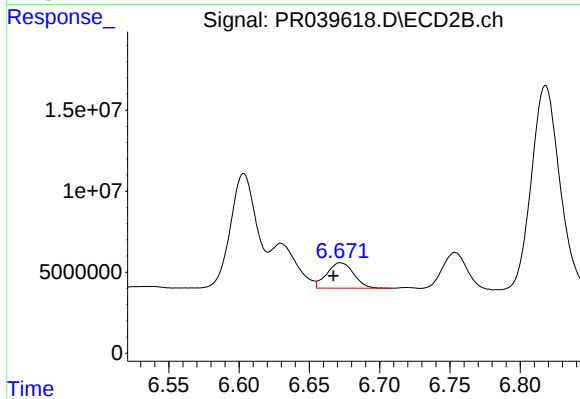
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



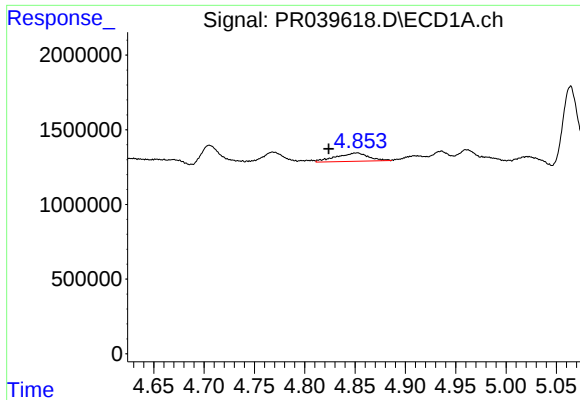
#20 AR-1242-5

R.T.: 5.620 min
Delta R.T.: 0.009 min
Response: 38281977
Conc: 385.40 ng/ml



#20 AR-1242-5

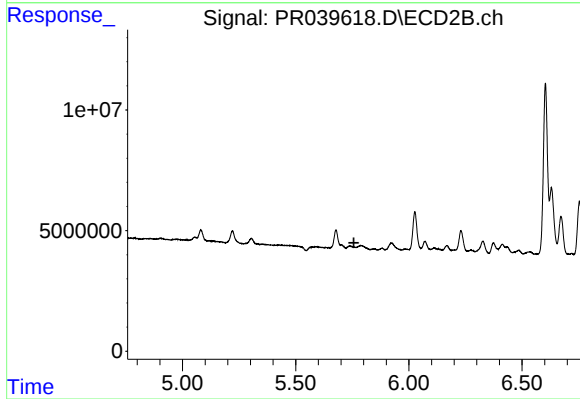
R.T.: 6.672 min
Delta R.T.: 0.005 min
Response: 20797339
Conc: 71.70 ng/ml



#21 AR-1248-1

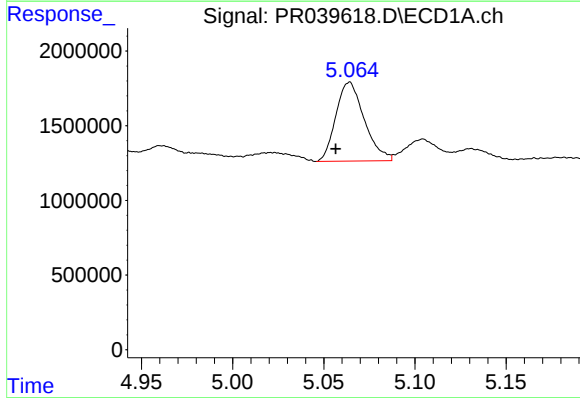
R.T.: 4.853 min
Delta R.T.: 0.029 min
Response: 1250857
Conc: 17.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



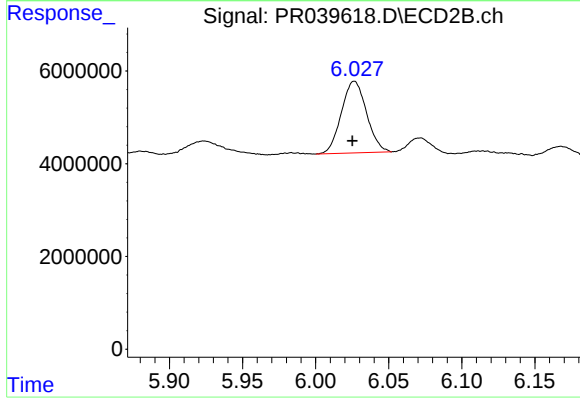
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



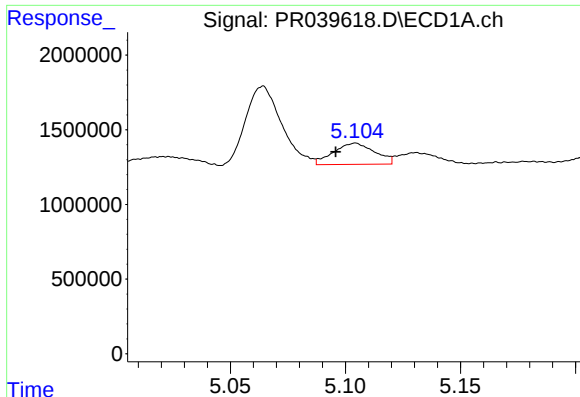
#22 AR-1248-2

R.T.: 5.064 min
Delta R.T.: 0.008 min
Response: 5738787
Conc: 73.35 ng/ml



#22 AR-1248-2

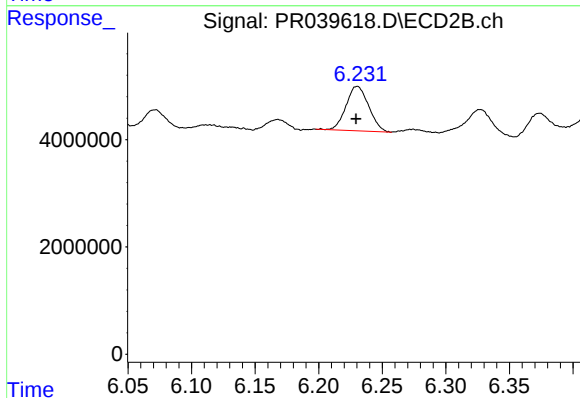
R.T.: 6.027 min
Delta R.T.: 0.001 min
Response: 18560704
Conc: 49.30 ng/ml



#23 AR-1248-3

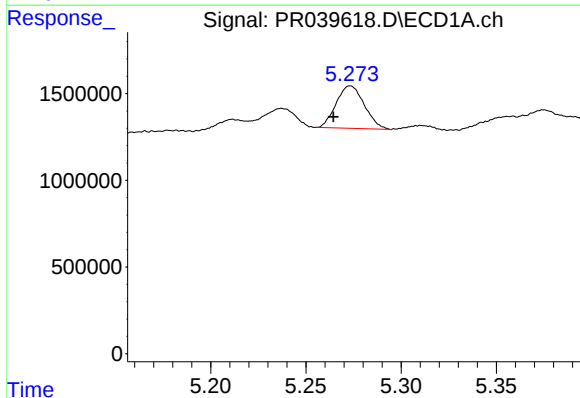
R.T.: 5.104 min
Delta R.T.: 0.009 min
Response: 1769509
Conc: 16.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



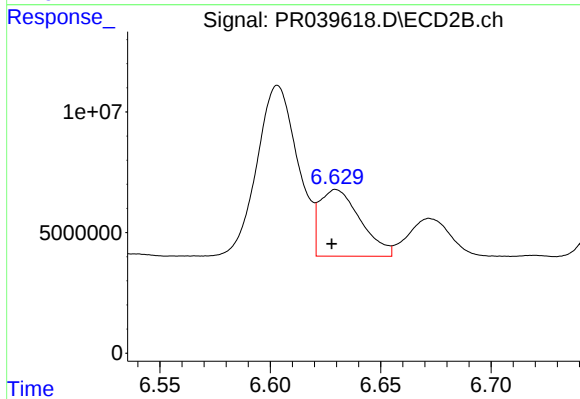
#23 AR-1248-3

R.T.: 6.231 min
Delta R.T.: 0.001 min
Response: 10290829
Conc: 23.61 ng/ml



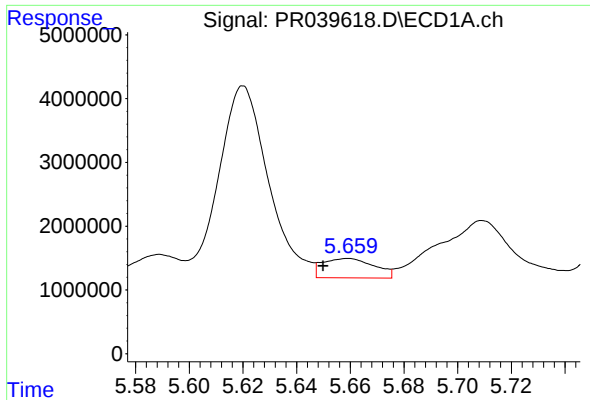
#24 AR-1248-4

R.T.: 5.273 min
Delta R.T.: 0.009 min
Response: 2521933
Conc: 19.05 ng/ml



#24 AR-1248-4

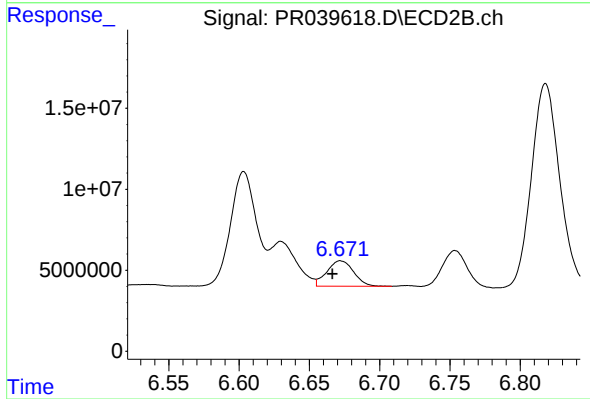
R.T.: 6.630 min
Delta R.T.: 0.002 min
Response: 35649137
Conc: 68.63 ng/ml



#25 AR-1248-5

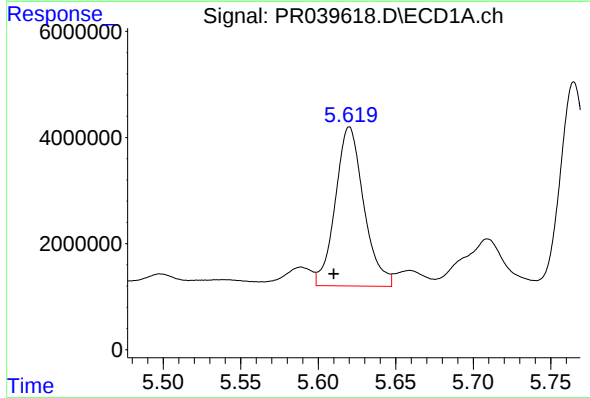
R.T.: 5.659 min
Delta R.T.: 0.009 min
Response: 4045244
Conc: 27.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



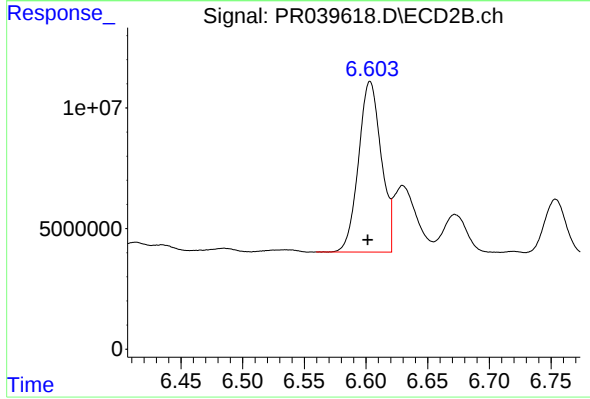
#25 AR-1248-5

R.T.: 6.672 min
Delta R.T.: 0.006 min
Response: 20797339
Conc: 42.19 ng/ml



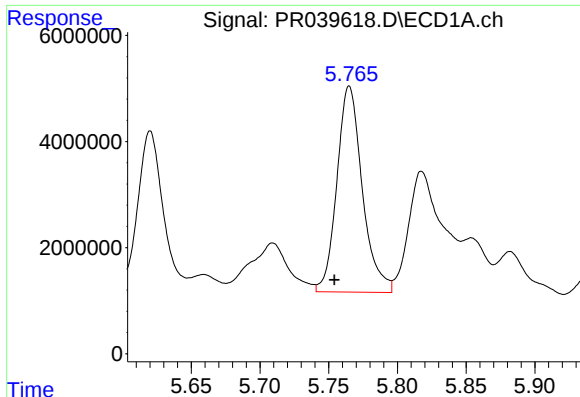
#26 AR-1254-1

R.T.: 5.620 min
Delta R.T.: 0.010 min
Response: 38281977
Conc: 248.21 ng/ml



#26 AR-1254-1

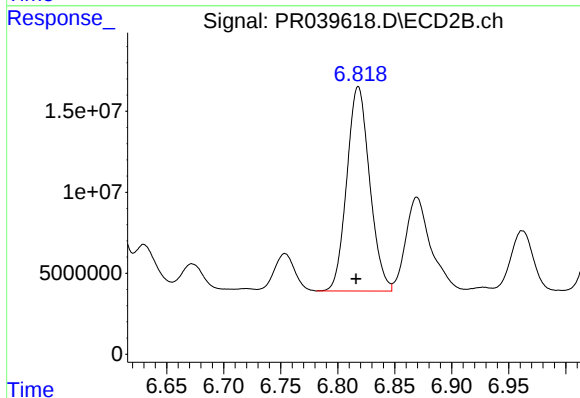
R.T.: 6.603 min
Delta R.T.: 0.002 min
Response: 90661550
Conc: 248.90 ng/ml



#27 AR-1254-2

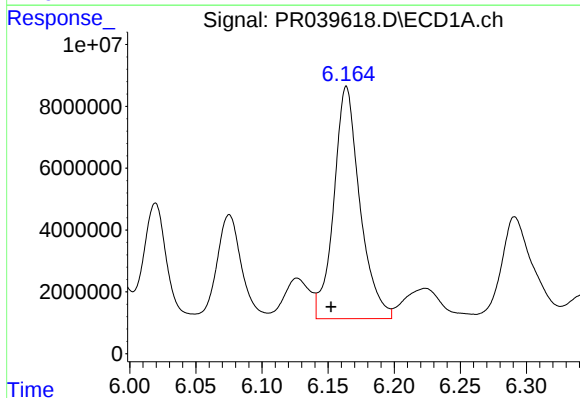
R.T.: 5.765 min
Delta R.T.: 0.011 min
Response: 50016925
Conc: 382.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



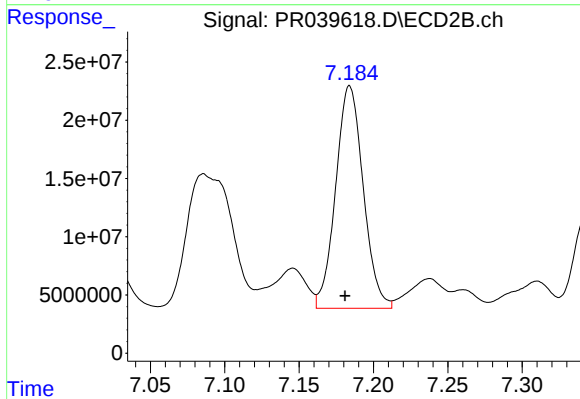
#27 AR-1254-2

R.T.: 6.818 min
Delta R.T.: 0.002 min
Response: 176333637
Conc: 308.72 ng/ml



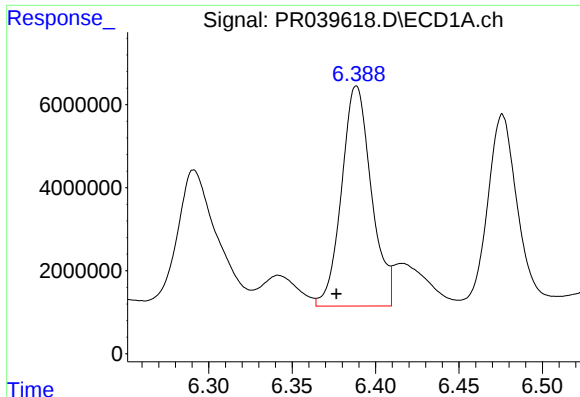
#28 AR-1254-3

R.T.: 6.164 min
Delta R.T.: 0.012 min
Response: 103056609
Conc: 461.25 ng/ml



#28 AR-1254-3

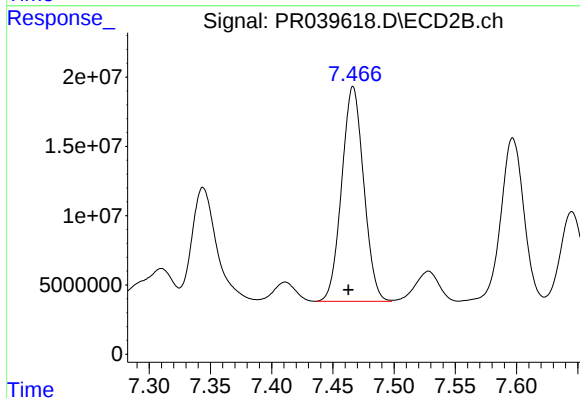
R.T.: 7.184 min
Delta R.T.: 0.003 min
Response: 246686683
Conc: 395.65 ng/ml



#29 AR-1254-4

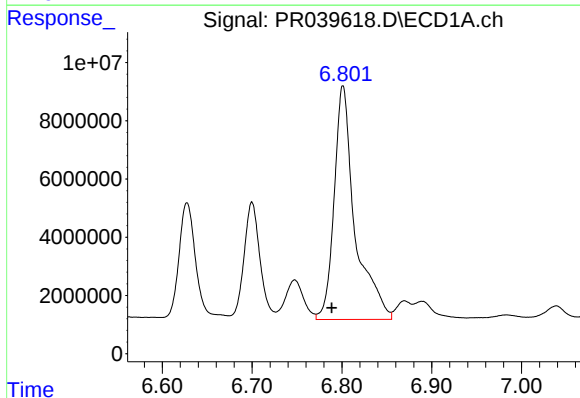
R.T.: 6.389 min
Delta R.T.: 0.012 min
Response: 65880614
Conc: 453.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



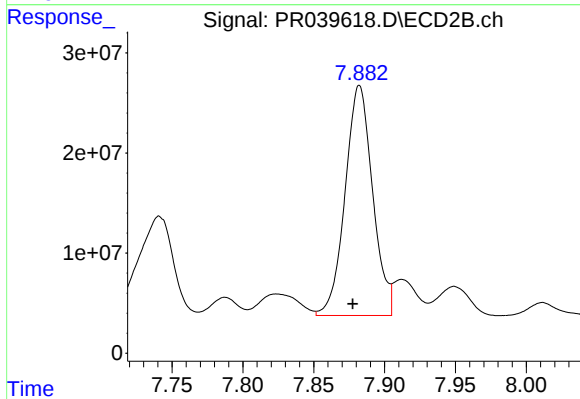
#29 AR-1254-4

R.T.: 7.467 min
Delta R.T.: 0.004 min
Response: 194047063
Conc: 428.46 ng/ml



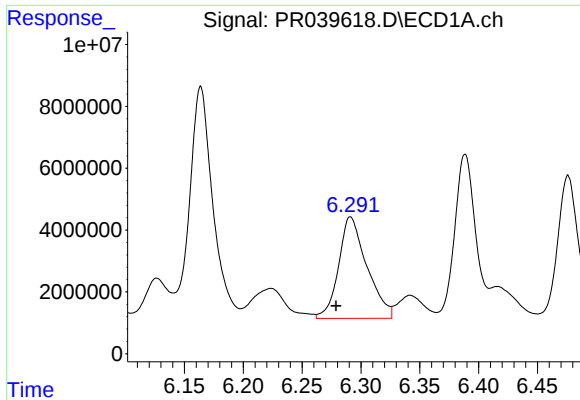
#30 AR-1254-5

R.T.: 6.801 min
Delta R.T.: 0.013 min
Response: 129222438
Conc: 678.63 ng/ml



#30 AR-1254-5

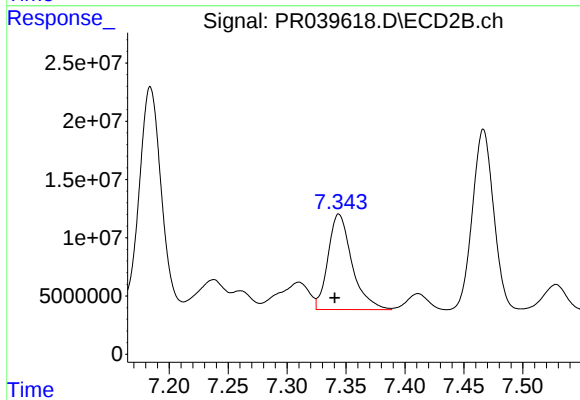
R.T.: 7.882 min
Delta R.T.: 0.005 min
Response: 310699600
Conc: 654.38 ng/ml



#31 AR-1260-1

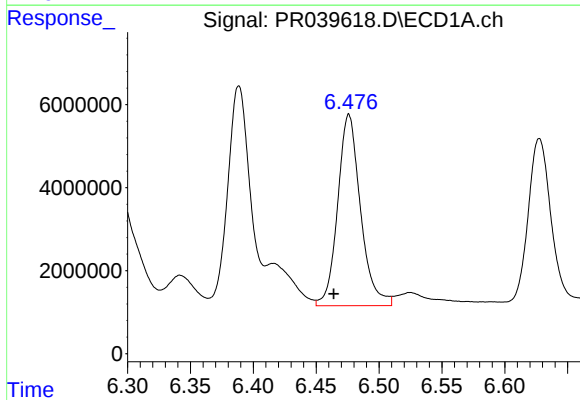
R.T.: 6.291 min
Delta R.T.: 0.012 min
Response: 55017784
Conc: 377.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



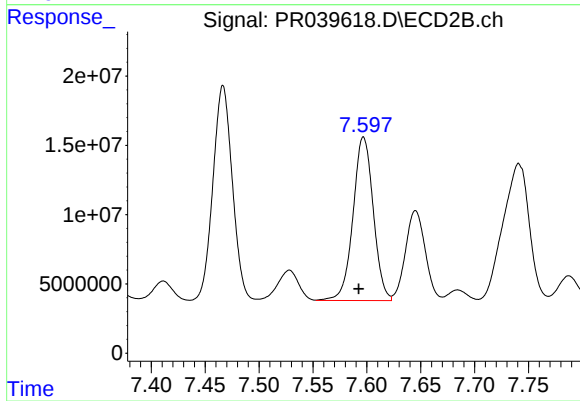
#31 AR-1260-1

R.T.: 7.344 min
Delta R.T.: 0.004 min
Response: 116092551
Conc: 261.63 ng/ml



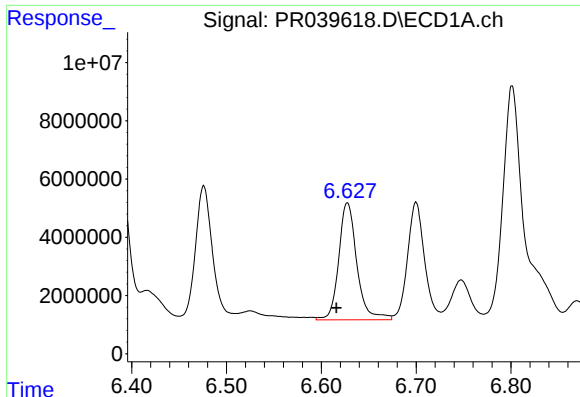
#32 AR-1260-2

R.T.: 6.476 min
Delta R.T.: 0.012 min
Response: 58388976
Conc: 317.14 ng/ml



#32 AR-1260-2

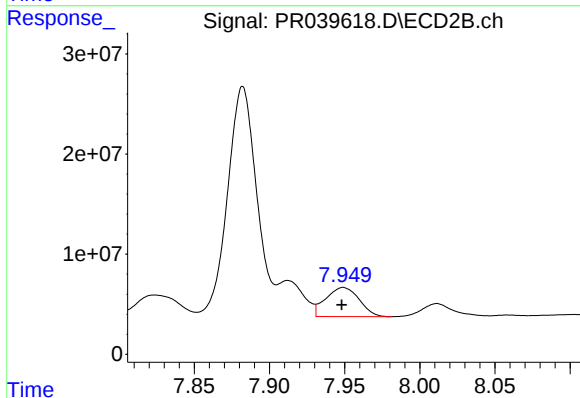
R.T.: 7.597 min
Delta R.T.: 0.004 min
Response: 154414664
Conc: 281.70 ng/ml



#33 AR-1260-3

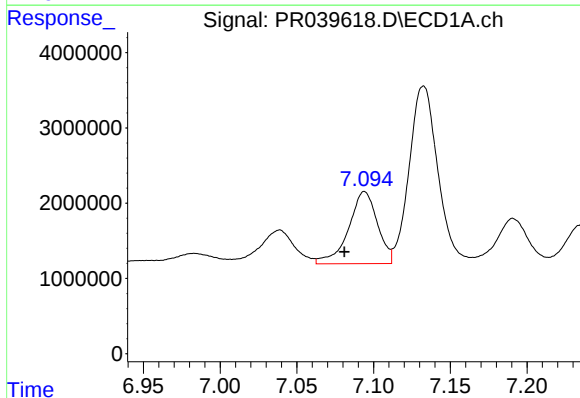
R.T.: 6.628 min
Delta R.T.: 0.012 min
Response: 53578400
Conc: 323.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



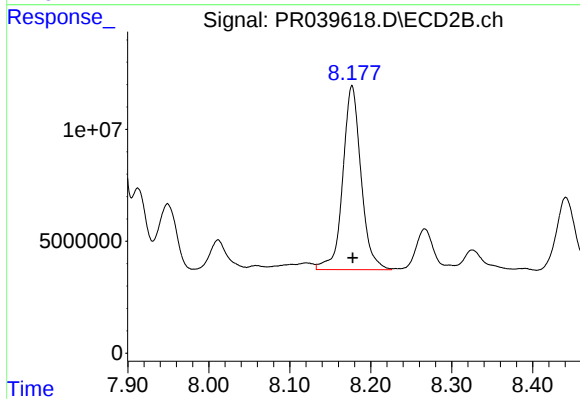
#33 AR-1260-3

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 45040375
Conc: 107.43 ng/ml



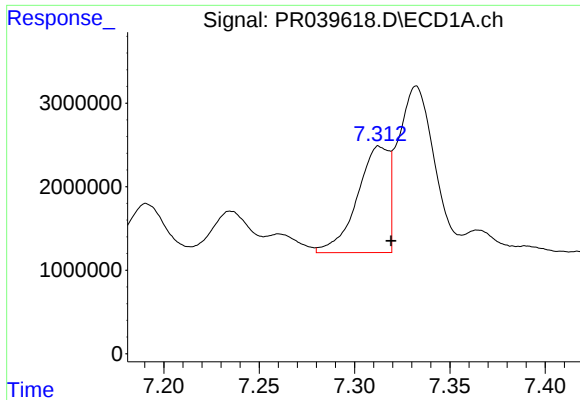
#34 AR-1260-4

R.T.: 7.094 min
Delta R.T.: 0.013 min
Response: 12555338
Conc: 90.32 ng/ml



#34 AR-1260-4

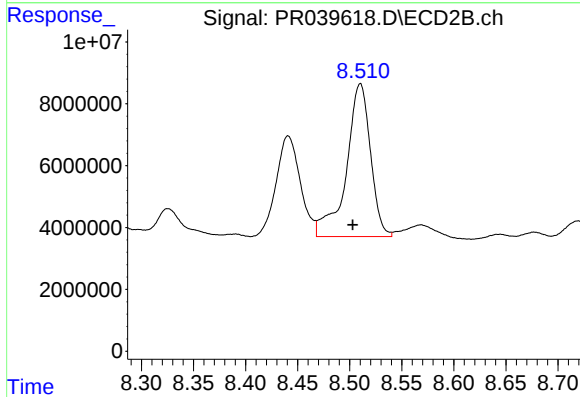
R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 128709516
Conc: 266.76 ng/ml



#35 AR-1260-5

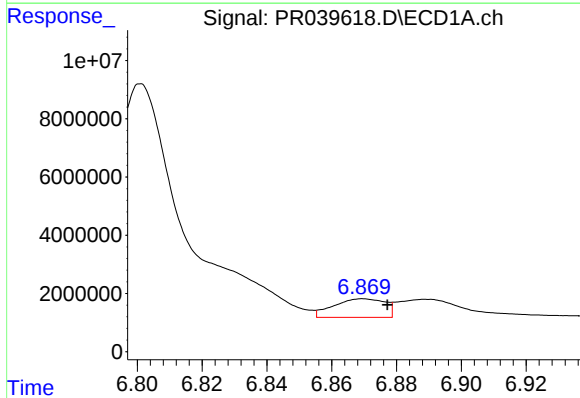
R.T.: 7.313 min
Delta R.T.: -0.006 min
Response: 14788204
Conc: 42.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



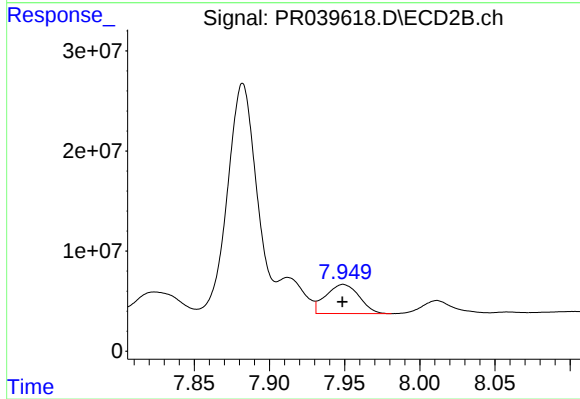
#35 AR-1260-5

R.T.: 8.510 min
Delta R.T.: 0.007 min
Response: 80029648
Conc: 78.03 ng/ml



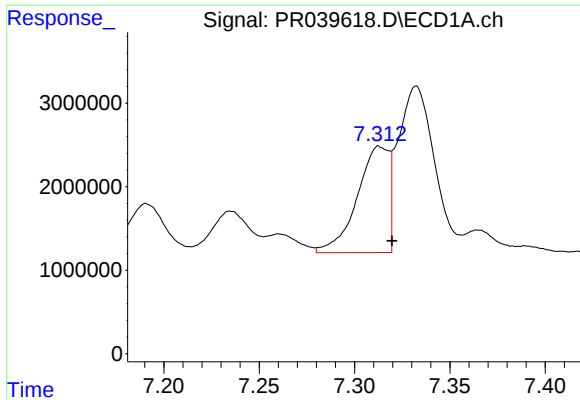
#36 AR-1262-1

R.T.: 6.870 min
Delta R.T.: -0.008 min
Response: 6992522
Conc: 47.62 ng/ml



#36 AR-1262-1

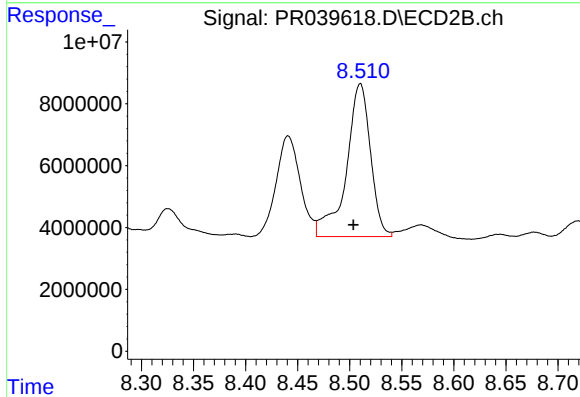
R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 45040375
Conc: 43.39 ng/ml



#37 AR-1262-2

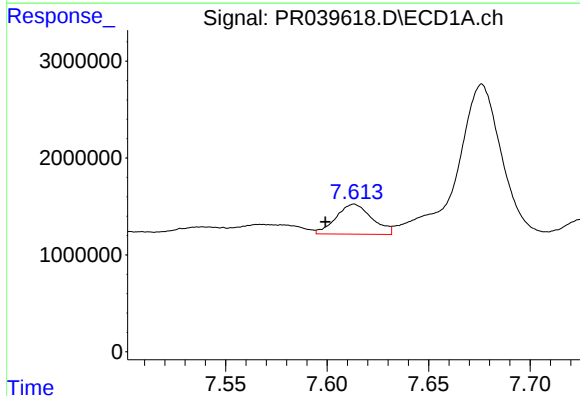
R.T.: 7.313 min
Delta R.T.: -0.007 min
Response: 14788204
Conc: 21.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



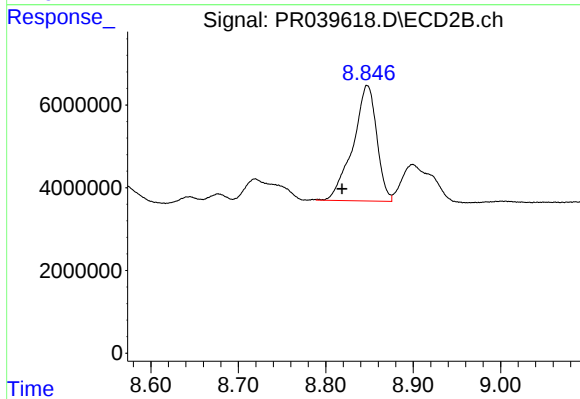
#37 AR-1262-2

R.T.: 8.510 min
Delta R.T.: 0.007 min
Response: 80029648
Conc: 39.73 ng/ml



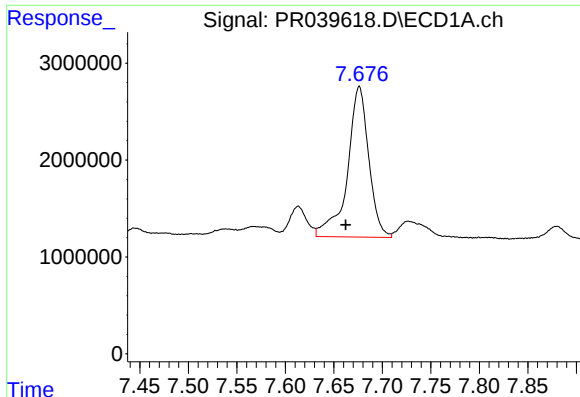
#38 AR-1262-3

R.T.: 7.613 min
Delta R.T.: 0.014 min
Response: 3815408
Conc: 16.06 ng/ml



#38 AR-1262-3

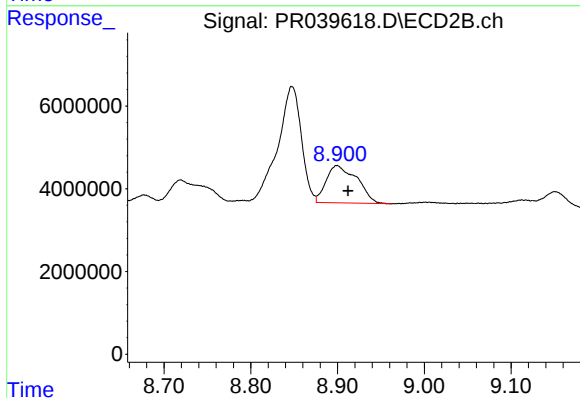
R.T.: 8.848 min
Delta R.T.: 0.029 min
Response: 52789278
Conc: 42.07 ng/ml



#39 AR-1262-4

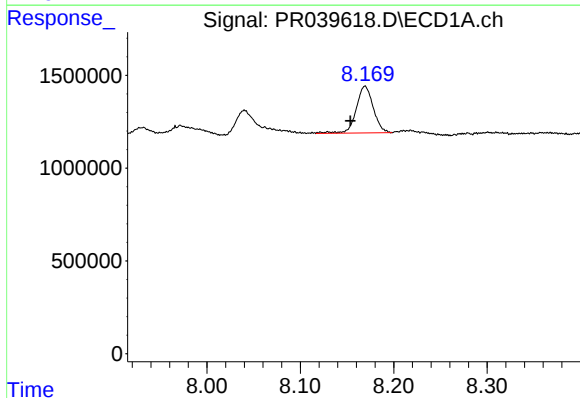
R.T.: 7.676 min
Delta R.T.: 0.014 min
Response: 23773747
Conc: 51.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



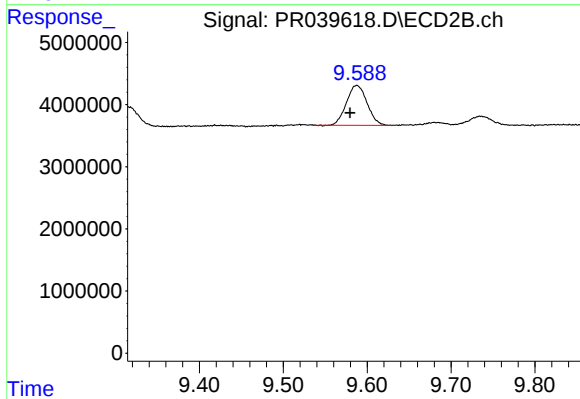
#39 AR-1262-4

R.T.: 8.899 min
Delta R.T.: -0.013 min
Response: 22322926
Conc: 23.65 ng/ml



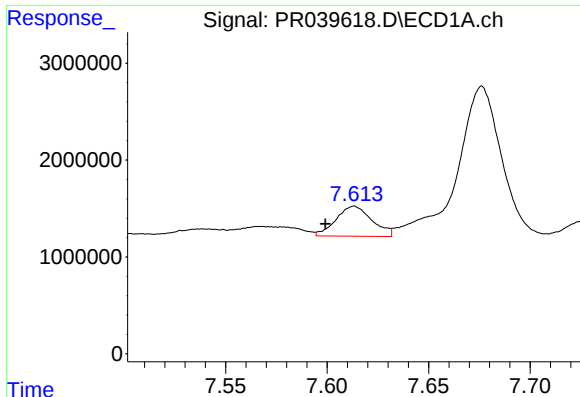
#40 AR-1262-5

R.T.: 8.169 min
Delta R.T.: 0.016 min
Response: 3192428
Conc: 16.42 ng/ml



#40 AR-1262-5

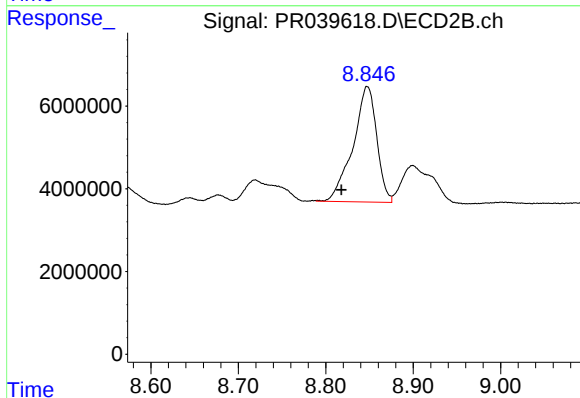
R.T.: 9.588 min
Delta R.T.: 0.008 min
Response: 10990507
Conc: 17.30 ng/ml



#41 AR-1268-1

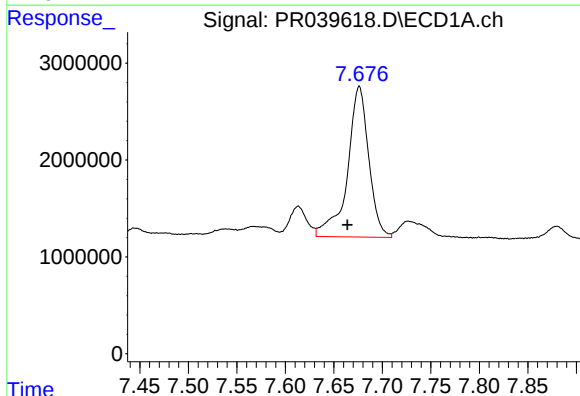
R.T.: 7.613 min
Delta R.T.: 0.014 min
Response: 3815408
Conc: 4.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



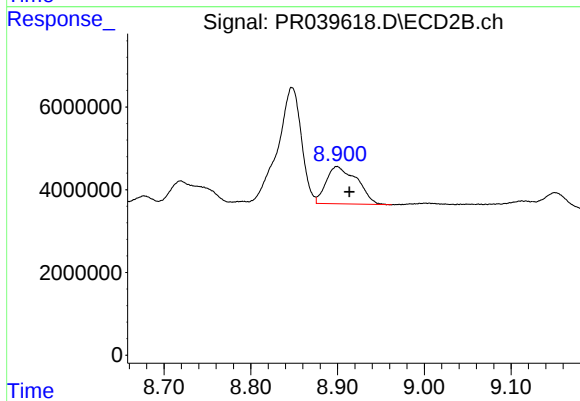
#41 AR-1268-1

R.T.: 8.848 min
Delta R.T.: 0.030 min
Response: 52789278
Conc: 22.25 ng/ml



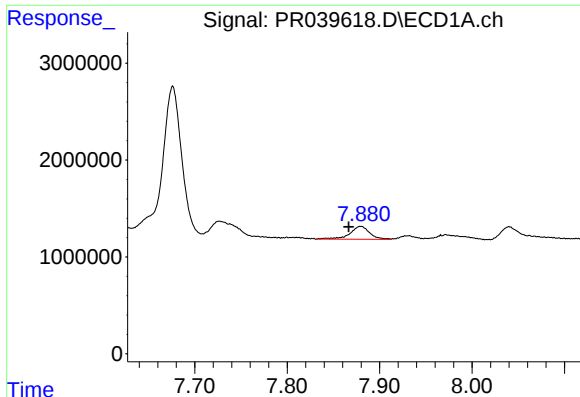
#42 AR-1268-2

R.T.: 7.676 min
Delta R.T.: 0.012 min
Response: 23773747
Conc: 33.86 ng/ml



#42 AR-1268-2

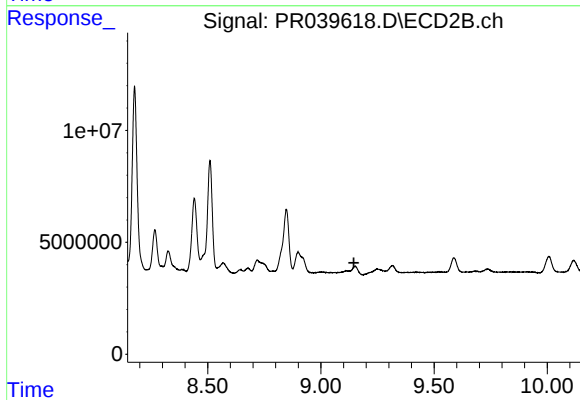
R.T.: 8.899 min
Delta R.T.: -0.014 min
Response: 22322926
Conc: 10.05 ng/ml



#43 AR-1268-3

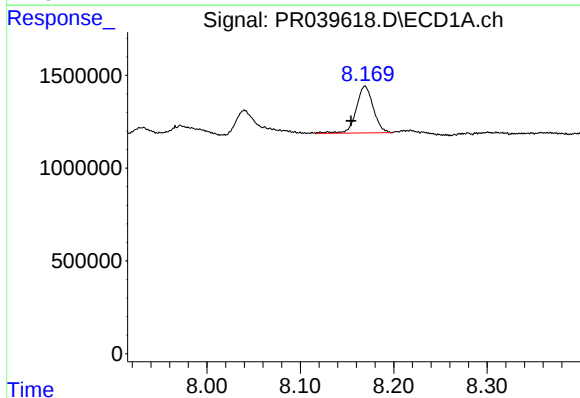
R.T.: 7.880 min
Delta R.T.: 0.013 min
Response: 1997097
Conc: 3.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



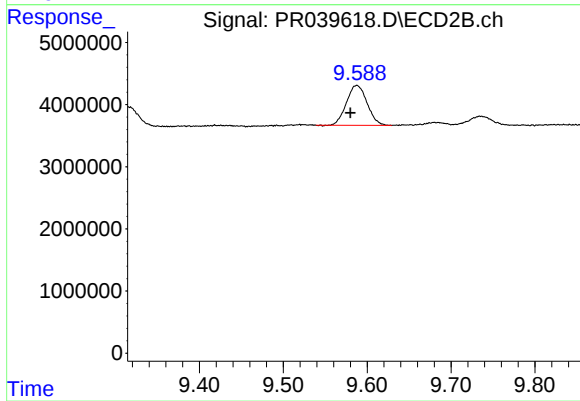
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.



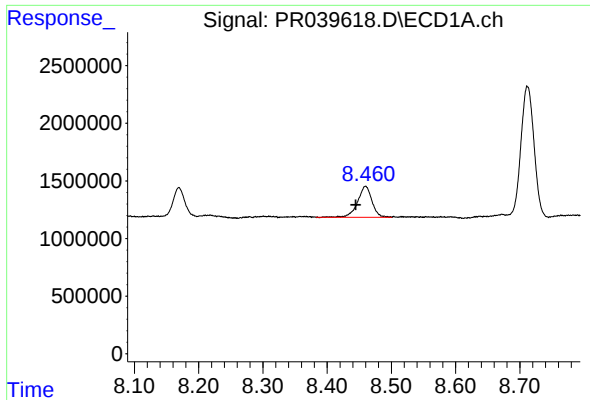
#44 AR-1268-4

R.T.: 8.169 min
Delta R.T.: 0.015 min
Response: 3192428
Conc: 13.86 ng/ml



#44 AR-1268-4

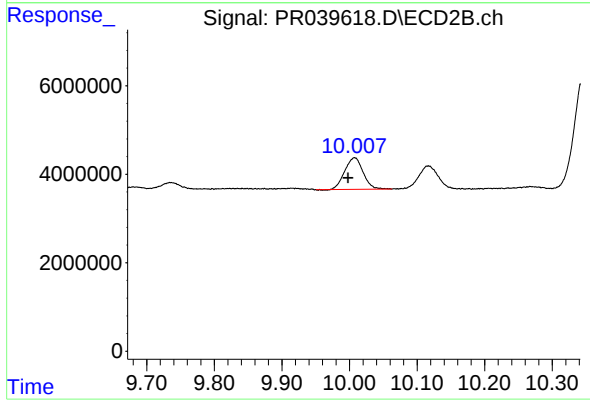
R.T.: 9.588 min
Delta R.T.: 0.008 min
Response: 10990507
Conc: 14.82 ng/ml



#45 AR-1268-5

R.T.: 8.460 min
Delta R.T.: 0.015 min
Response: 4188206
Conc: 2.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 10.008 min
Delta R.T.: 0.010 min
Response: 13557650
Conc: 2.32 ng/ml