

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102919\
 Data File : PR042612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2019 10:01
 Operator : SM\AJ
 Sample : PB124333BS
 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: Oct 29 10:51:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 17 06:40:58 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...	4.729	3.984	116.7E6	432.9E6	24.502	25.425
2)	SA Decachlor...	10.650	9.089	75070630	215.1E6	21.471	21.187
Target Compounds							
3)	L1 AR-1016-1	5.906	5.079	39508352	135.7E6	252.761	254.525
4)	L1 AR-1016-2	5.929	5.100	55376491	182.3E6	248.791	248.051
5)	L1 AR-1016-3	5.991	5.278	32725363	87253814	247.723	268.805
6)	L1 AR-1016-4	6.091	5.316	26856702	65237690	248.151	249.790
7)	L1 AR-1016-5	6.385	5.533	26867882	77104322	248.380	260.149
8)	L2 AR-1221-1	0.000	4.194	0	13006805	N.D.	76.567 #
9)	L2 AR-1221-2	5.026	4.285	4655653	18657223	139.091	147.580
10)	L2 AR-1221-3	5.103	4.360	17688261	70056737	164.925	174.053
11)	L3 AR-1232-1	5.103	4.360	17688261	70056737	113.543	120.634
12)	L3 AR-1232-2	5.637	5.100	25779571	182.3E6	327.162	323.883
13)	L3 AR-1232-3	5.929	5.278	55376491	87253814	330.500	344.976
14)	L3 AR-1232-4	6.091	5.360	26856702	76619113	327.692	363.607
15)	L3 AR-1232-5	6.178	5.533	23843143	77104322	390.051	367.593
16)	L4 AR-1242-1	5.906	5.079	39508352	135.7E6	336.923	329.603
17)	L4 AR-1242-2	5.929	5.100	55376491	182.3E6	328.212	327.422
18)	L4 AR-1242-3	5.991	5.278	32725363	87253814	325.577	330.219
19)	L4 AR-1242-4	6.091	5.360	26856702	76619113	321.824	317.647
20)	L4 AR-1242-5	6.829	5.887	3902096	58401467	40.722	219.561 #
21)	L5 AR-1248-1	5.906	5.079	39508352	135.7E6	426.865	412.210
22)	L5 AR-1248-2	6.178	5.316	23843143	65237690	186.500	186.073
23)	L5 AR-1248-3	6.385	5.360	26867882	76619113	186.896	218.248
24)	L5 AR-1248-4	6.788	5.533	3990506	77104322	23.455	202.894 #
25)	L5 AR-1248-5	6.829	5.928	3902096	12579877	24.301	33.793 #
26)	L6 AR-1254-1	6.763	5.887	18858148	58401467	104.982	101.600
27)	L6 AR-1254-2	6.979	6.034	19507957	54374649	69.095	99.400 #
28)	L6 AR-1254-3	7.350	6.455	14119320	128.6E6	46.181	133.712 #
29)	L6 AR-1254-4	7.635	6.669	14761683	16714152	66.296	25.462 #
30)	L6 AR-1254-5	8.054	7.087	58286374	186.5E6	251.337	227.123
31)	L7 AR-1260-1	7.511	6.571	49131746	143.1E6	236.199	247.481
32)	L7 AR-1260-2	7.767	6.757	52851321	198.0E6	215.240	250.805
33)	L7 AR-1260-3	8.128	6.914	37444101	164.0E6	200.680	241.107
34)	L7 AR-1260-4	8.367	7.387	41746844	124.6E6	198.175	227.476
35)	L7 AR-1260-5	8.706	7.626	77979688	320.3E6	185.604	217.396
36)	L8 AR-1262-1	8.128	7.179	37444101	76881436	127.787	188.535 #
37)	L8 AR-1262-2	8.706	7.626	77979688	320.3E6	143.384	173.020
38)	L8 AR-1262-3	9.057	7.912	48507326	70984542	141.619	102.214 #
39)	L8 AR-1262-4	9.116	7.976	29500276	202.6E6	224.617	166.028 #
40)	L8 AR-1262-5	9.839	8.493	20678588	68304633	126.743	129.447
41)	L9 AR-1268-1	9.057	7.912	48507326	70984542	88.508	37.802 #

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 Acq On : 29 Oct 2019 10:01
 Operator : SM\AJ
 Sample : PB124333BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

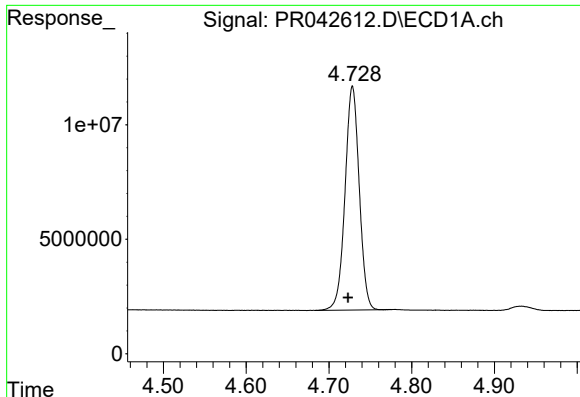
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 10:51:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.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	9.116	7.976	29500276	202.6E6	60.929	121.405 #
44) L9	AR-1268-4	9.839	8.493	20678588	68304633	124.308	126.196
45) L9	AR-1268-5	10.285	8.809	5536276	17253875	4.531	4.517

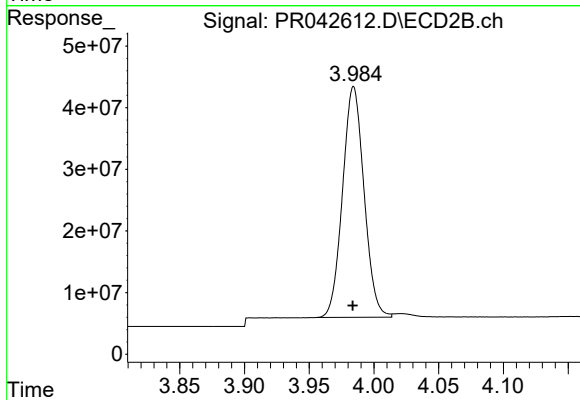
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

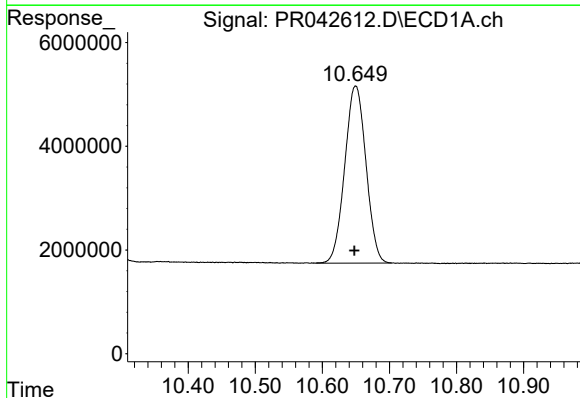
R.T.: 4.729 min
Delta R.T.: 0.006 min
Response: 116689890
Conc: 24.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



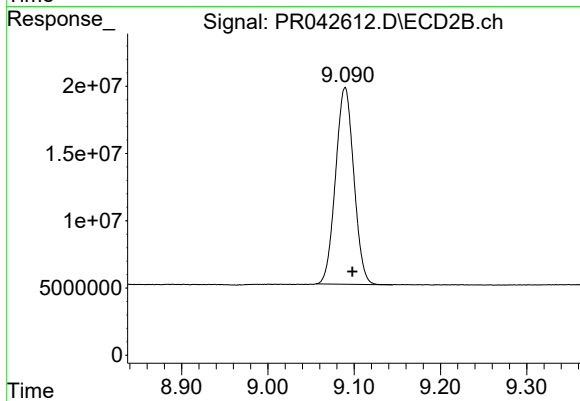
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 432889850
Conc: 25.43 ng/ml



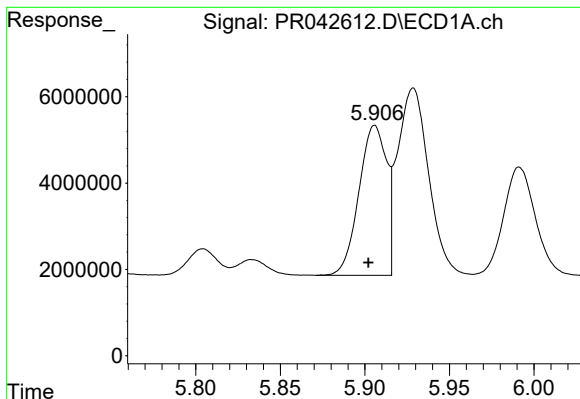
#2 Decachlorobiphenyl

R.T.: 10.650 min
Delta R.T.: 0.002 min
Response: 75070630
Conc: 21.47 ng/ml



#2 Decachlorobiphenyl

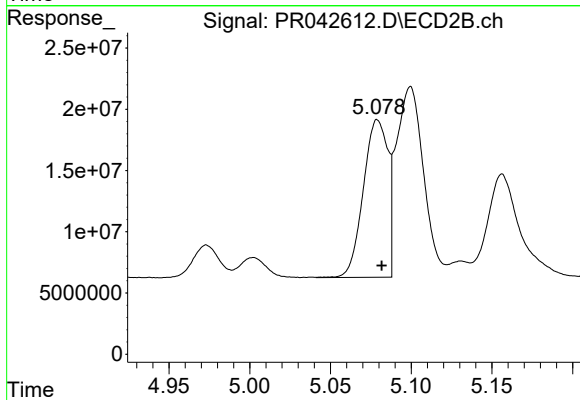
R.T.: 9.089 min
Delta R.T.: -0.008 min
Response: 215070287
Conc: 21.19 ng/ml



#3 AR-1016-1

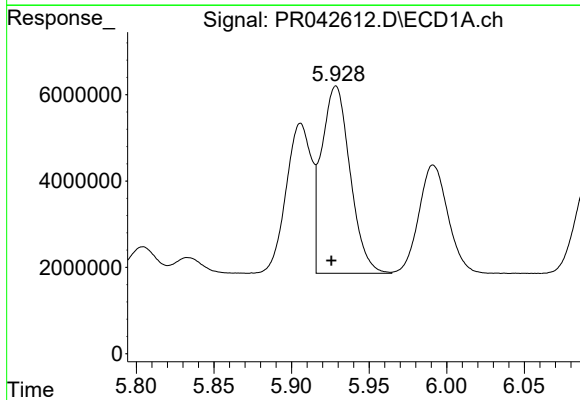
R.T.: 5.906 min
Delta R.T.: 0.004 min
Response: 39508352
Conc: 252.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



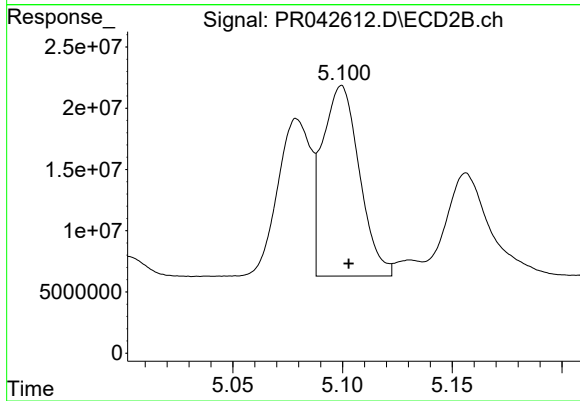
#3 AR-1016-1

R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 135741964
Conc: 254.53 ng/ml



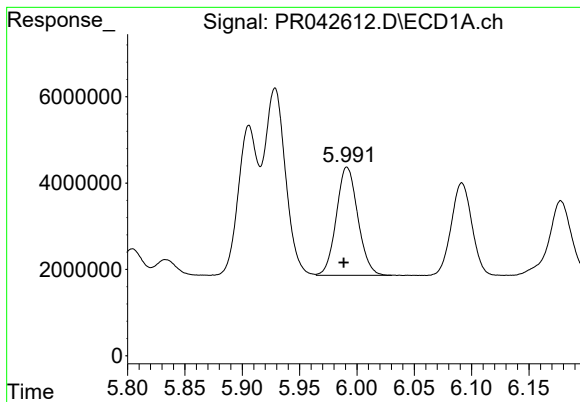
#4 AR-1016-2

R.T.: 5.929 min
Delta R.T.: 0.003 min
Response: 55376491
Conc: 248.79 ng/ml



#4 AR-1016-2

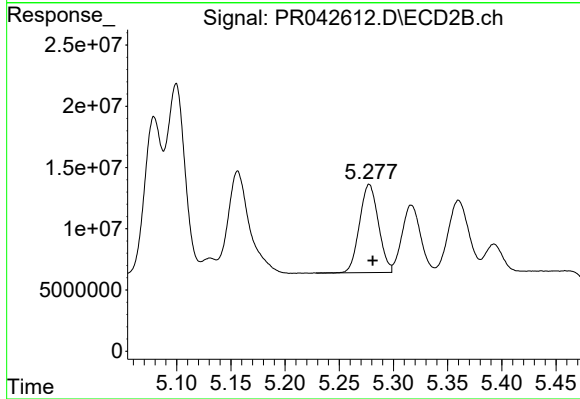
R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 182311587
Conc: 248.05 ng/ml



#5 AR-1016-3

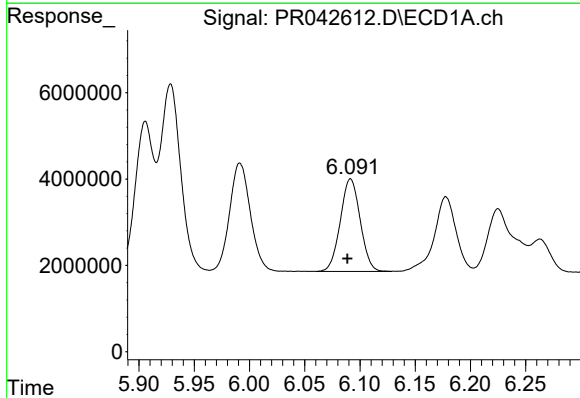
R.T.: 5.991 min
Delta R.T.: 0.003 min
Response: 32725363
Conc: 247.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



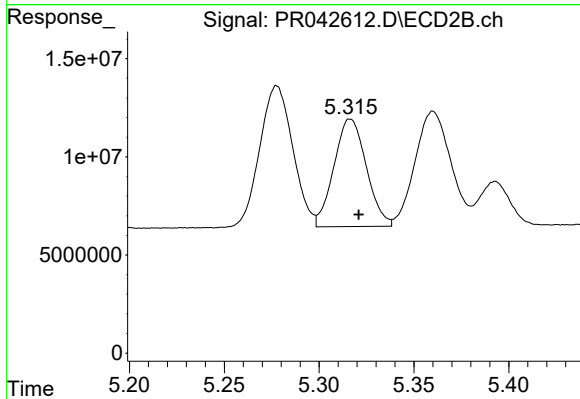
#5 AR-1016-3

R.T.: 5.278 min
Delta R.T.: -0.003 min
Response: 87253814
Conc: 268.80 ng/ml



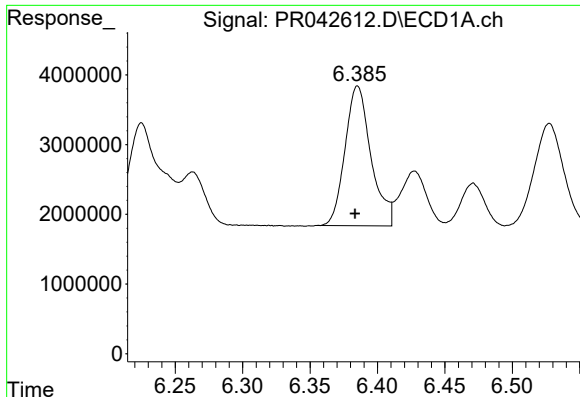
#6 AR-1016-4

R.T.: 6.091 min
Delta R.T.: 0.003 min
Response: 26856702
Conc: 248.15 ng/ml



#6 AR-1016-4

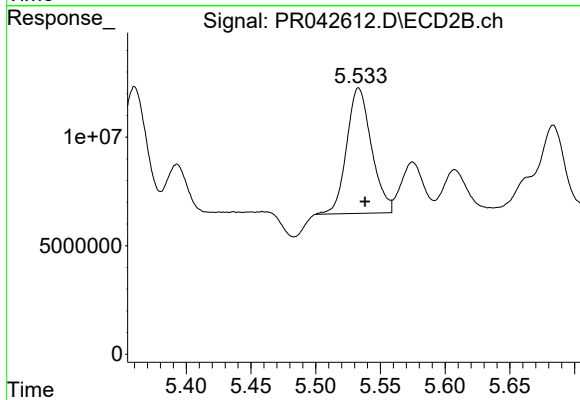
R.T.: 5.316 min
Delta R.T.: -0.004 min
Response: 65237690
Conc: 249.79 ng/ml



#7 AR-1016-5

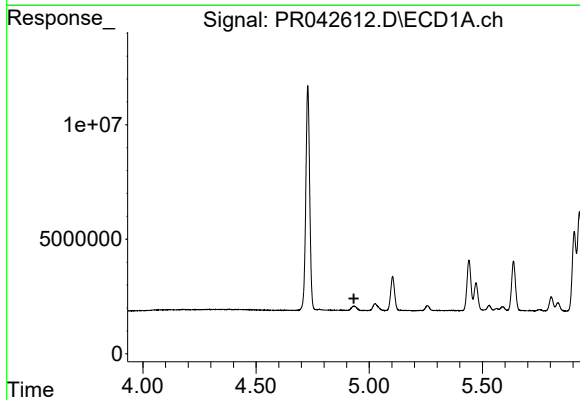
R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 26867882
Conc: 248.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



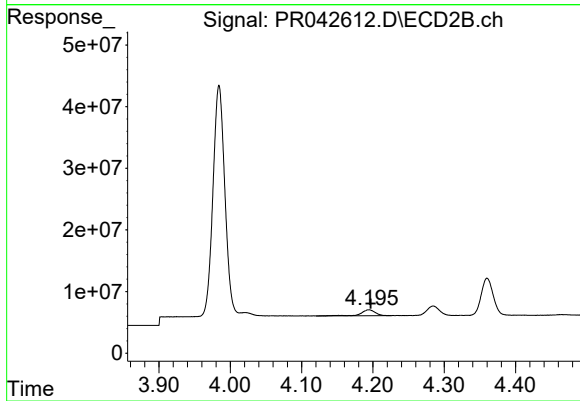
#7 AR-1016-5

R.T.: 5.533 min
Delta R.T.: -0.005 min
Response: 77104322
Conc: 260.15 ng/ml



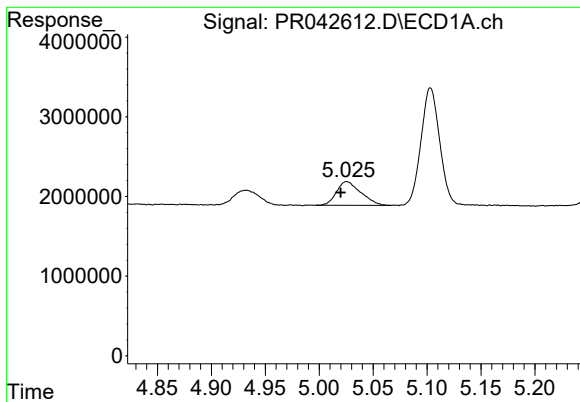
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.932 min
Response: 0
Conc: N.D.



#8 AR-1221-1

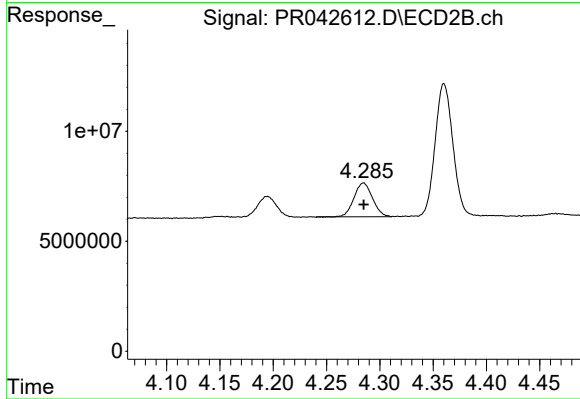
R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 13006805
Conc: 76.57 ng/ml



#9 AR-1221-2

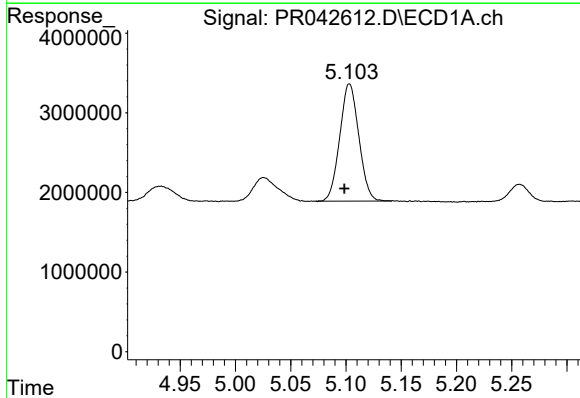
R.T.: 5.026 min
Delta R.T.: 0.006 min
Response: 4655653
Conc: 139.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



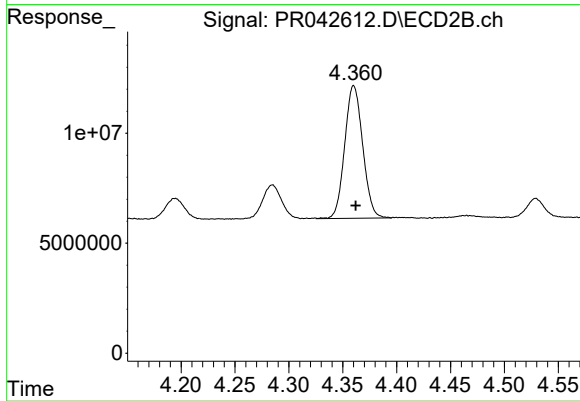
#9 AR-1221-2

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 18657223
Conc: 147.58 ng/ml



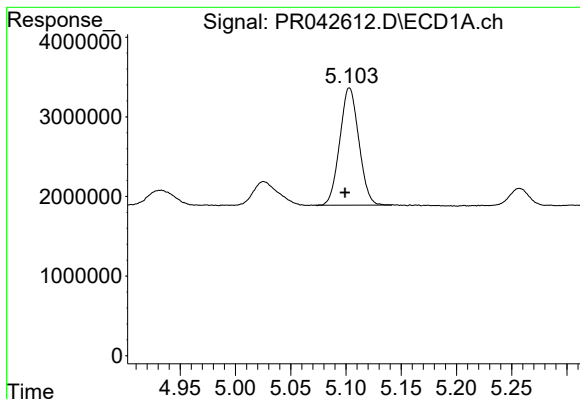
#10 AR-1221-3

R.T.: 5.103 min
Delta R.T.: 0.005 min
Response: 17688261
Conc: 164.93 ng/ml



#10 AR-1221-3

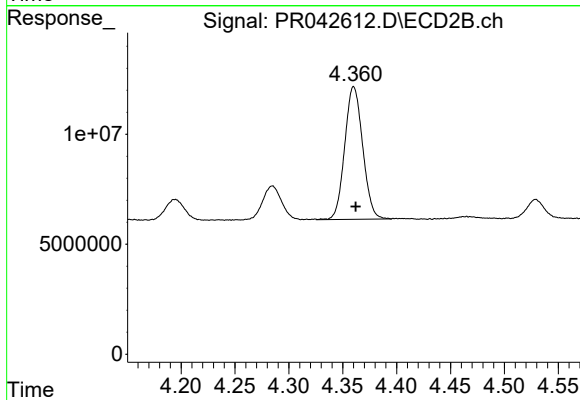
R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 70056737
Conc: 174.05 ng/ml



#11 AR-1232-1

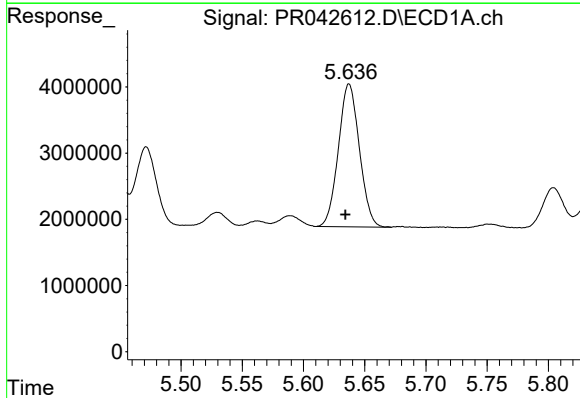
R.T.: 5.103 min
Delta R.T.: 0.004 min
Response: 17688261
Conc: 113.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



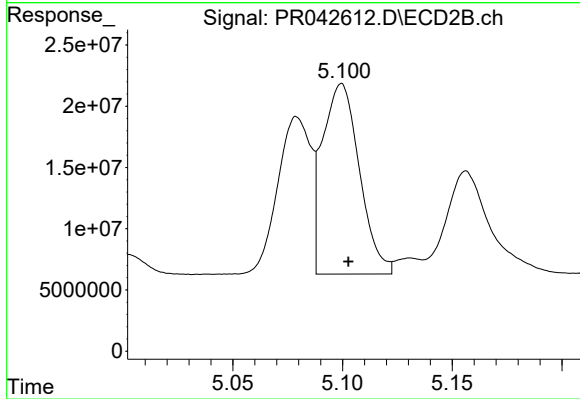
#11 AR-1232-1

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 70056737
Conc: 120.63 ng/ml



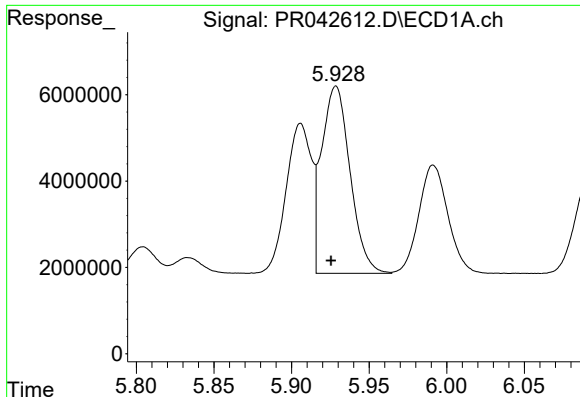
#12 AR-1232-2

R.T.: 5.637 min
Delta R.T.: 0.003 min
Response: 25779571
Conc: 327.16 ng/ml



#12 AR-1232-2

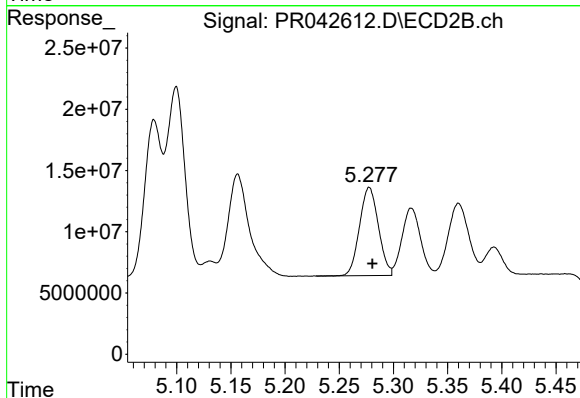
R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 182311587
Conc: 323.88 ng/ml



#13 AR-1232-3

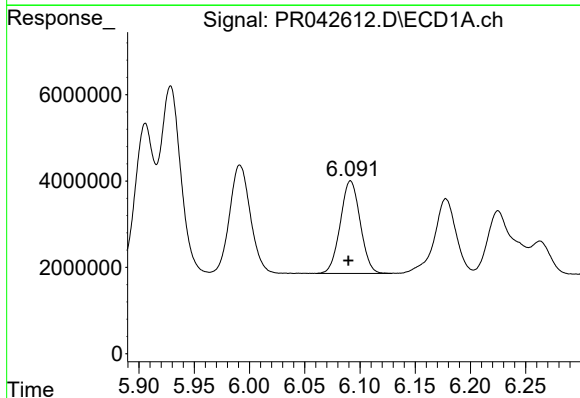
R.T.: 5.929 min
Delta R.T.: 0.003 min
Response: 55376491
Conc: 330.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



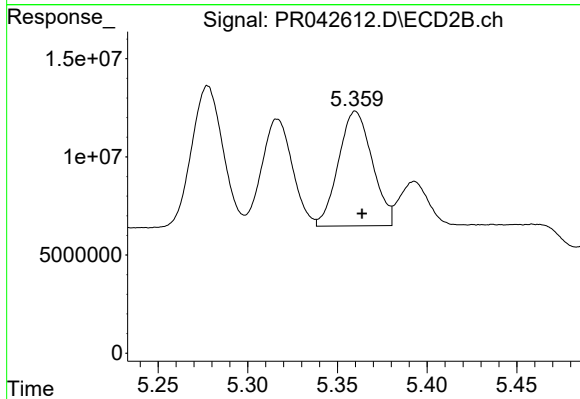
#13 AR-1232-3

R.T.: 5.278 min
Delta R.T.: -0.003 min
Response: 87253814
Conc: 344.98 ng/ml



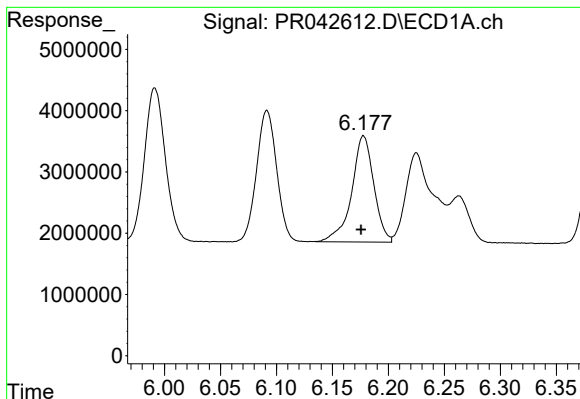
#14 AR-1232-4

R.T.: 6.091 min
Delta R.T.: 0.002 min
Response: 26856702
Conc: 327.69 ng/ml



#14 AR-1232-4

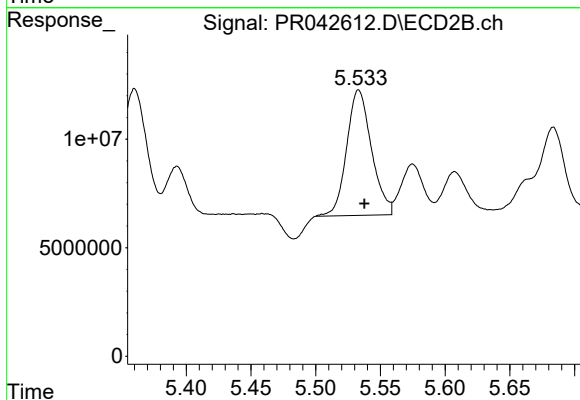
R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 76619113
Conc: 363.61 ng/ml



#15 AR-1232-5

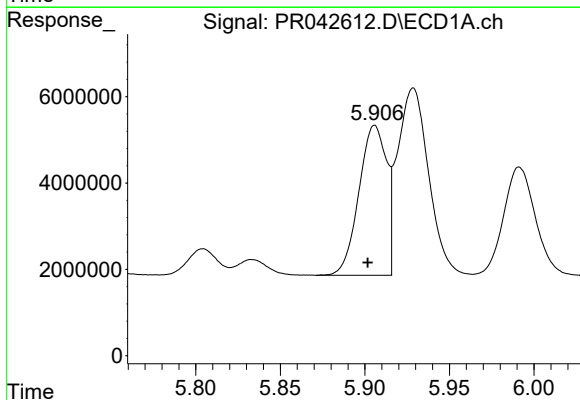
R.T.: 6.178 min
Delta R.T.: 0.002 min
Response: 23843143
Conc: 390.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



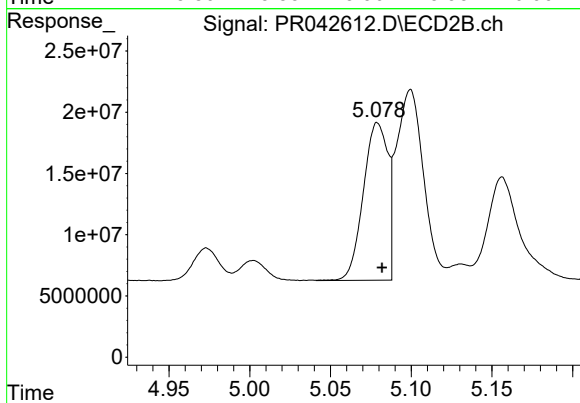
#15 AR-1232-5

R.T.: 5.533 min
Delta R.T.: -0.004 min
Response: 77104322
Conc: 367.59 ng/ml



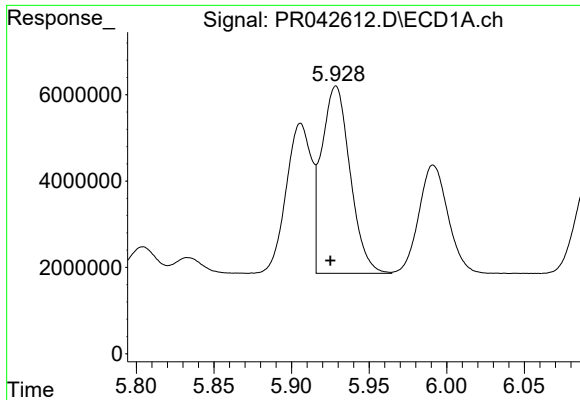
#16 AR-1242-1

R.T.: 5.906 min
Delta R.T.: 0.004 min
Response: 39508352
Conc: 336.92 ng/ml



#16 AR-1242-1

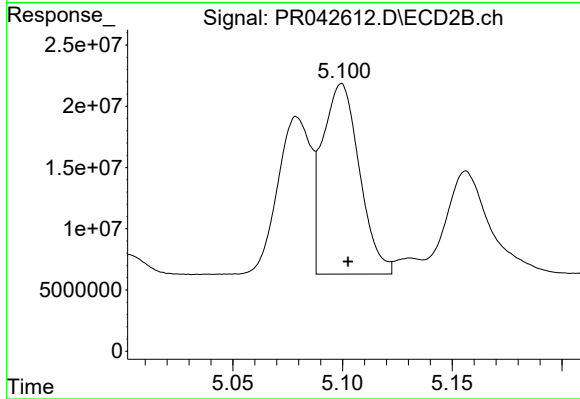
R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 135741964
Conc: 329.60 ng/ml



#17 AR-1242-2

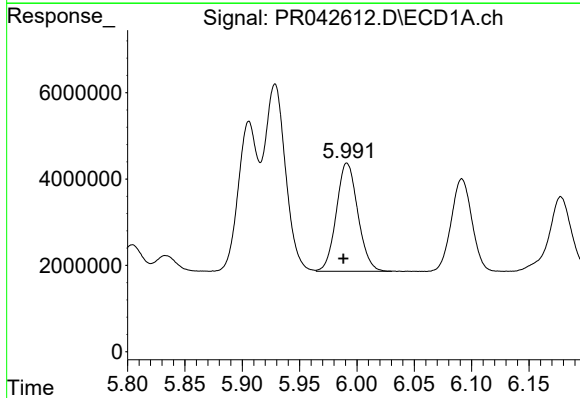
R.T.: 5.929 min
Delta R.T.: 0.004 min
Response: 55376491
Conc: 328.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



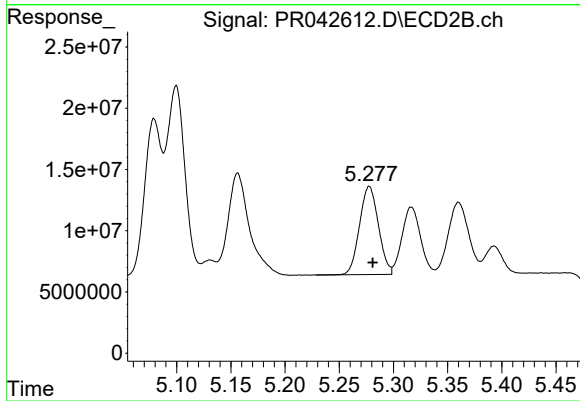
#17 AR-1242-2

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 182311587
Conc: 327.42 ng/ml



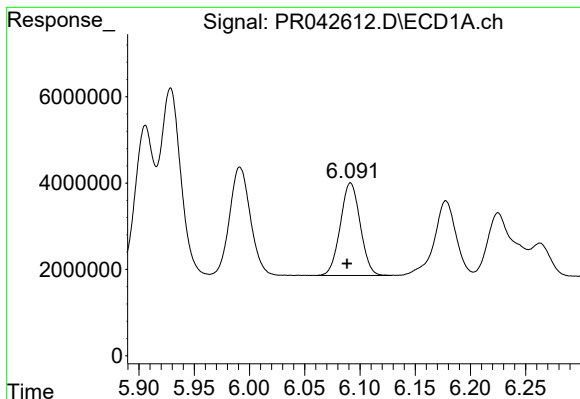
#18 AR-1242-3

R.T.: 5.991 min
Delta R.T.: 0.003 min
Response: 32725363
Conc: 325.58 ng/ml



#18 AR-1242-3

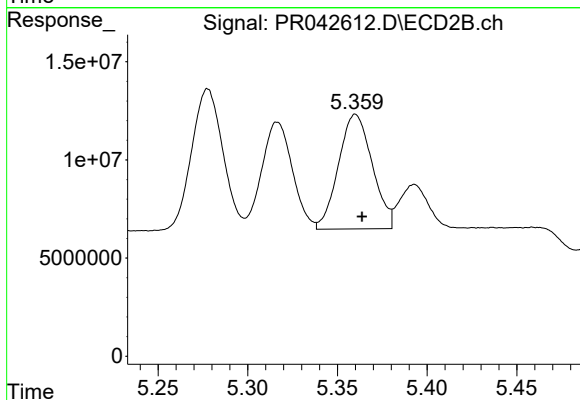
R.T.: 5.278 min
Delta R.T.: -0.003 min
Response: 87253814
Conc: 330.22 ng/ml



#19 AR-1242-4

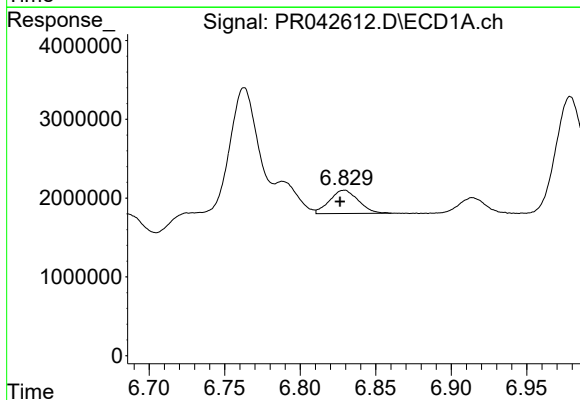
R.T.: 6.091 min
Delta R.T.: 0.003 min
Response: 26856702
Conc: 321.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



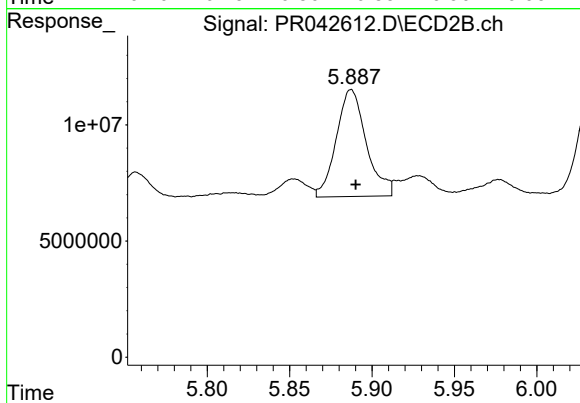
#19 AR-1242-4

R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 76619113
Conc: 317.65 ng/ml



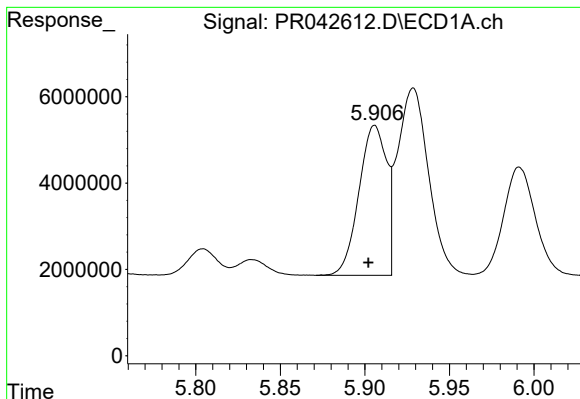
#20 AR-1242-5

R.T.: 6.829 min
Delta R.T.: 0.003 min
Response: 3902096
Conc: 40.72 ng/ml



#20 AR-1242-5

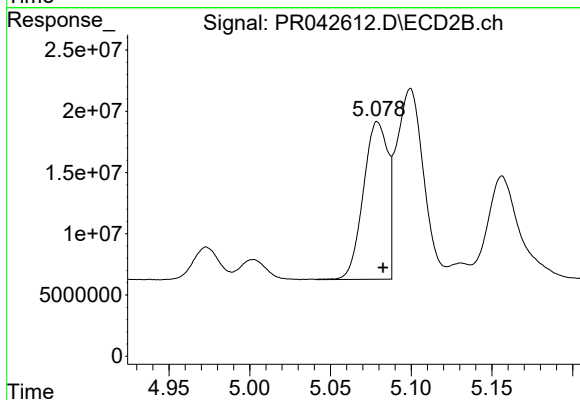
R.T.: 5.887 min
Delta R.T.: -0.003 min
Response: 58401467
Conc: 219.56 ng/ml



#21 AR-1248-1

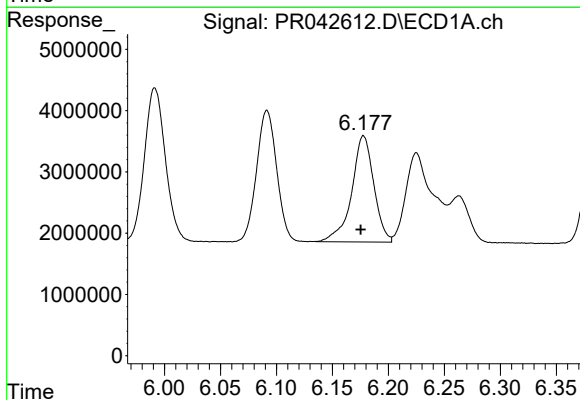
R.T.: 5.906 min
Delta R.T.: 0.004 min
Response: 39508352
Conc: 426.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



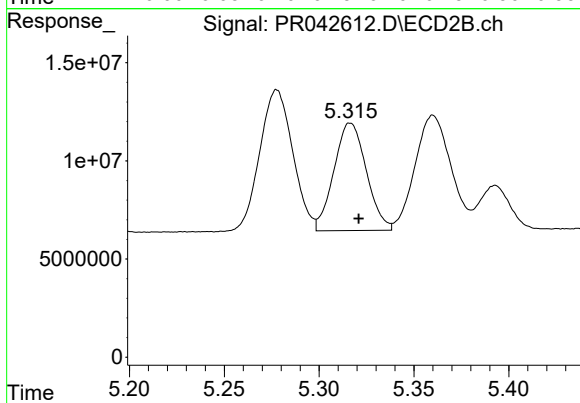
#21 AR-1248-1

R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 135741964
Conc: 412.21 ng/ml



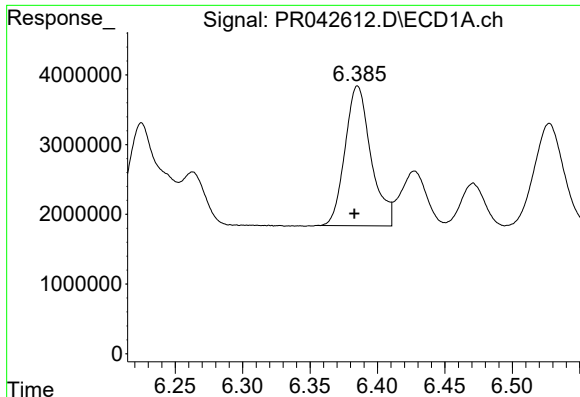
#22 AR-1248-2

R.T.: 6.178 min
Delta R.T.: 0.002 min
Response: 23843143
Conc: 186.50 ng/ml



#22 AR-1248-2

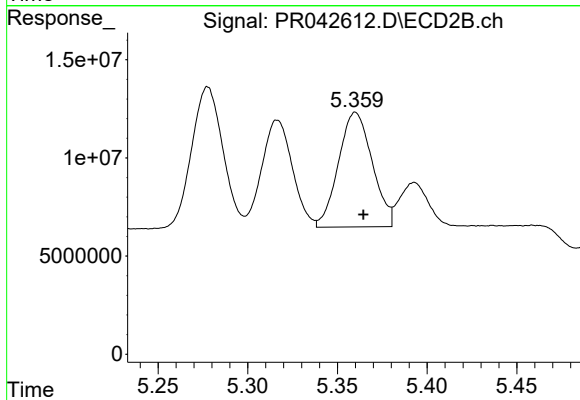
R.T.: 5.316 min
Delta R.T.: -0.004 min
Response: 65237690
Conc: 186.07 ng/ml



#23 AR-1248-3

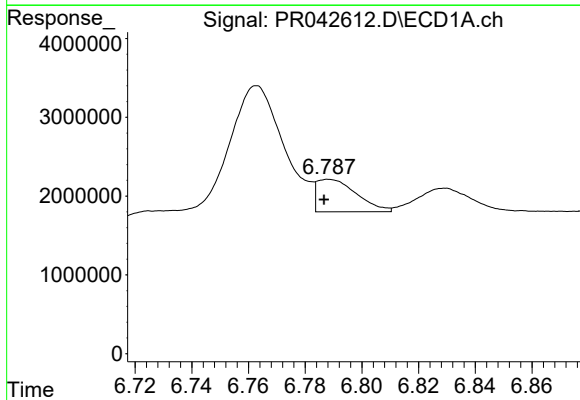
R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 26867882
Conc: 186.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



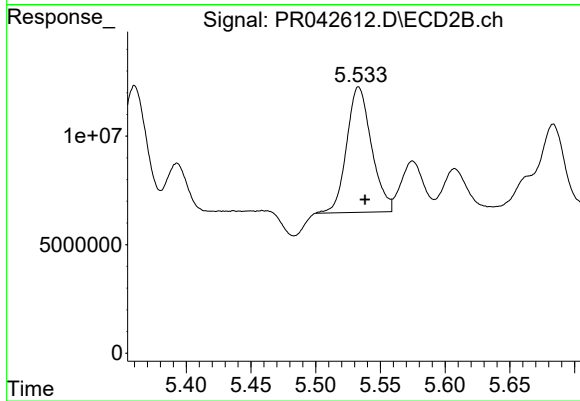
#23 AR-1248-3

R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 76619113
Conc: 218.25 ng/ml



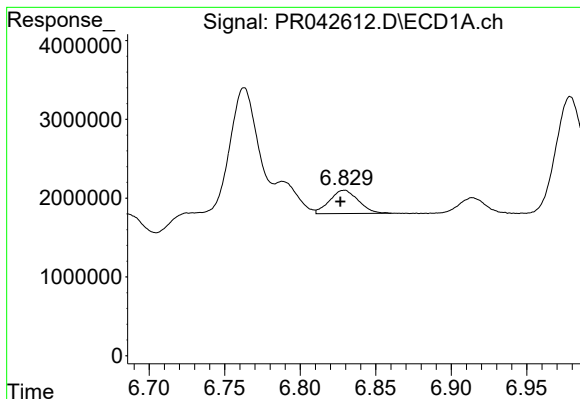
#24 AR-1248-4

R.T.: 6.788 min
Delta R.T.: 0.002 min
Response: 3990506
Conc: 23.46 ng/ml



#24 AR-1248-4

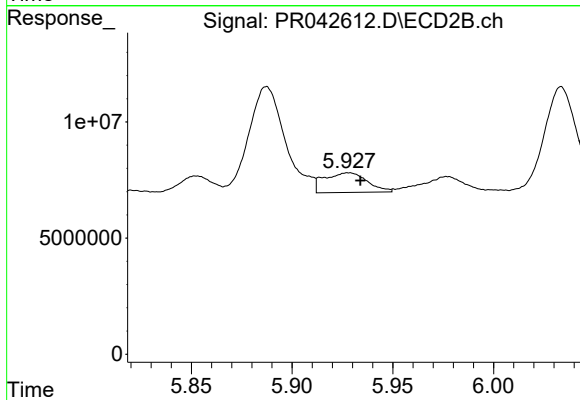
R.T.: 5.533 min
Delta R.T.: -0.005 min
Response: 77104322
Conc: 202.89 ng/ml



#25 AR-1248-5

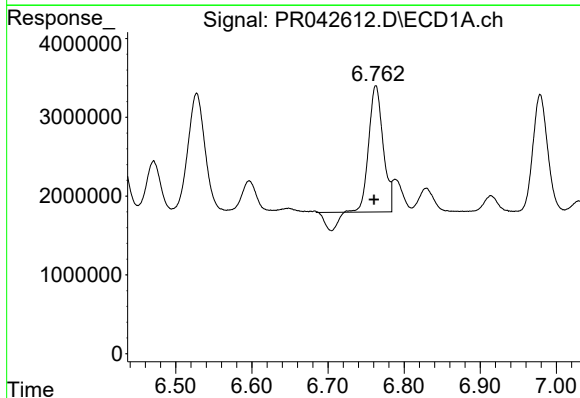
R.T.: 6.829 min
Delta R.T.: 0.003 min
Response: 3902096
Conc: 24.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



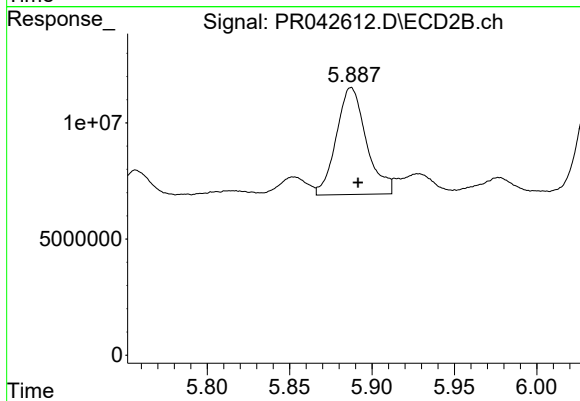
#25 AR-1248-5

R.T.: 5.928 min
Delta R.T.: -0.006 min
Response: 12579877
Conc: 33.79 ng/ml



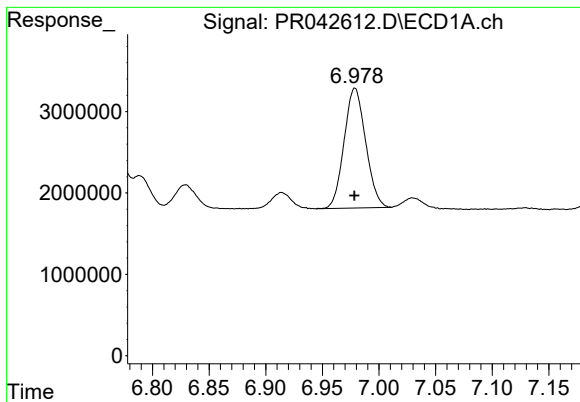
#26 AR-1254-1

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 18858148
Conc: 104.98 ng/ml



#26 AR-1254-1

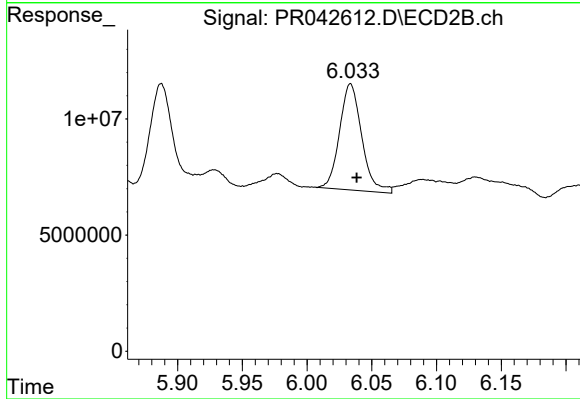
R.T.: 5.887 min
Delta R.T.: -0.004 min
Response: 58401467
Conc: 101.60 ng/ml



#27 AR-1254-2

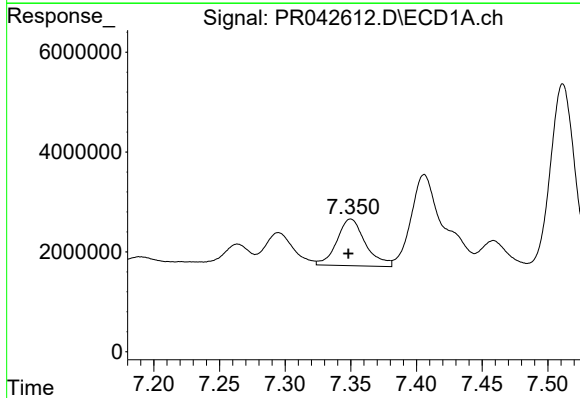
R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 19507957
Conc: 69.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



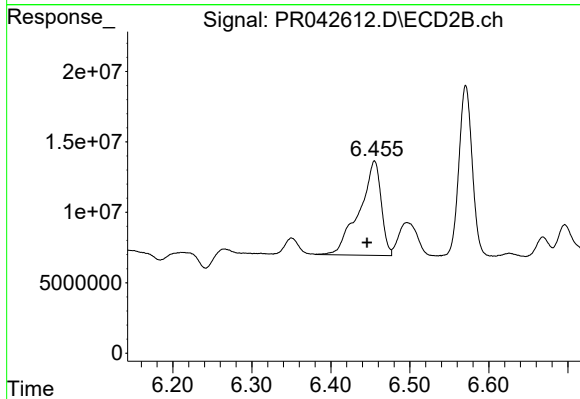
#27 AR-1254-2

R.T.: 6.034 min
Delta R.T.: -0.005 min
Response: 54374649
Conc: 99.40 ng/ml



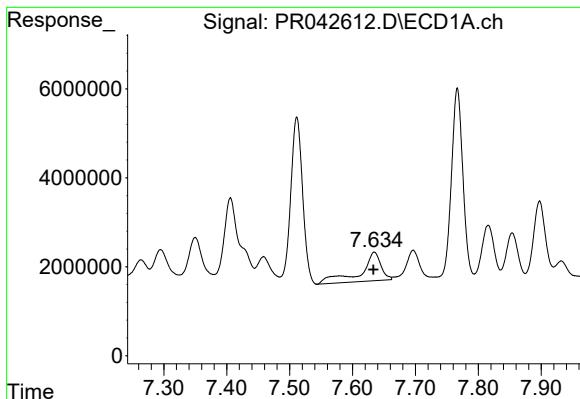
#28 AR-1254-3

R.T.: 7.350 min
Delta R.T.: 0.002 min
Response: 14119320
Conc: 46.18 ng/ml



#28 AR-1254-3

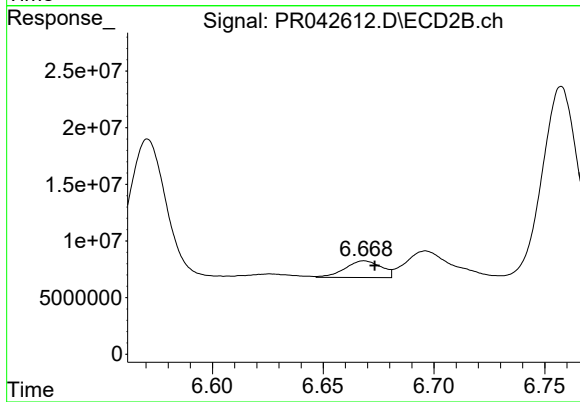
R.T.: 6.455 min
Delta R.T.: 0.010 min
Response: 128564171
Conc: 133.71 ng/ml



#29 AR-1254-4

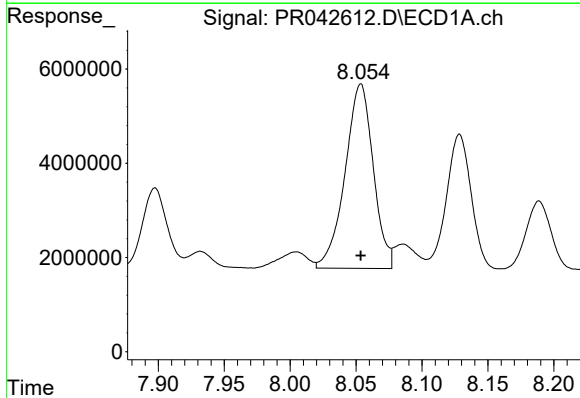
R.T.: 7.635 min
Delta R.T.: 0.001 min
Response: 14761683
Conc: 66.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



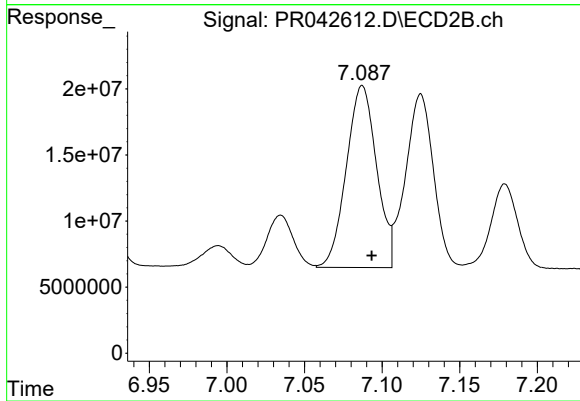
#29 AR-1254-4

R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 16714152
Conc: 25.46 ng/ml



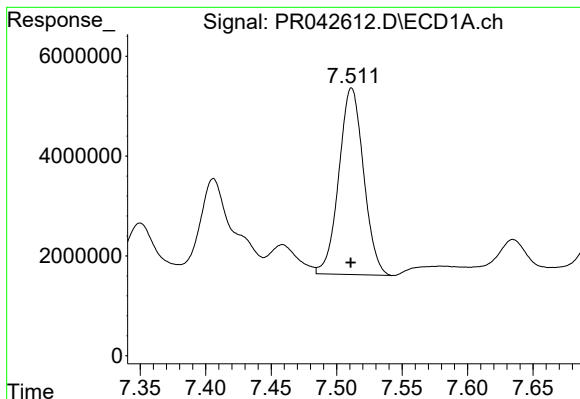
#30 AR-1254-5

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 58286374
Conc: 251.34 ng/ml



#30 AR-1254-5

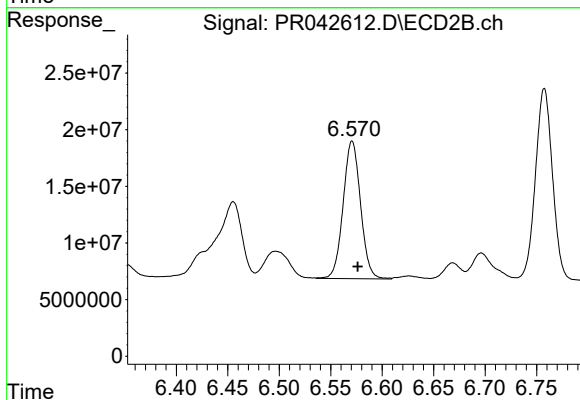
R.T.: 7.087 min
Delta R.T.: -0.006 min
Response: 186521112
Conc: 227.12 ng/ml



#31 AR-1260-1

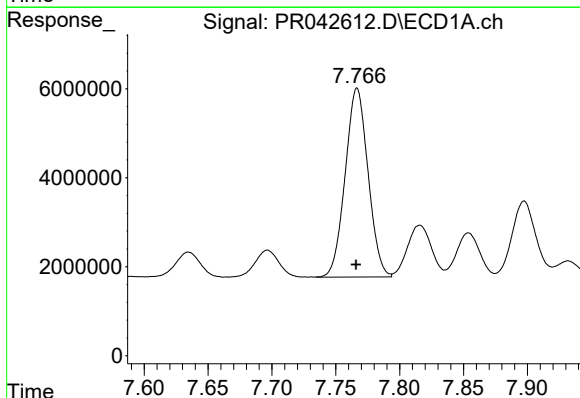
R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 49131746
Conc: 236.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



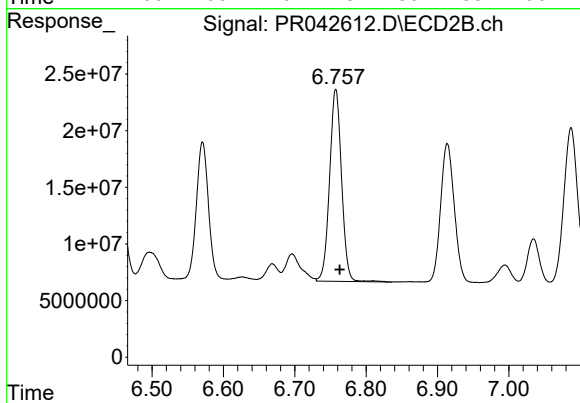
#31 AR-1260-1

R.T.: 6.571 min
Delta R.T.: -0.005 min
Response: 143145376
Conc: 247.48 ng/ml



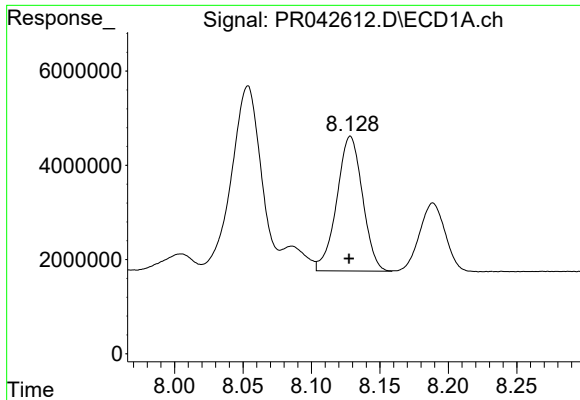
#32 AR-1260-2

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 52851321
Conc: 215.24 ng/ml



#32 AR-1260-2

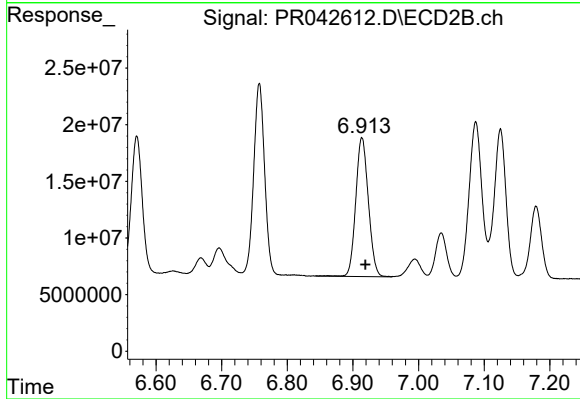
R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 197985491
Conc: 250.81 ng/ml



#33 AR-1260-3

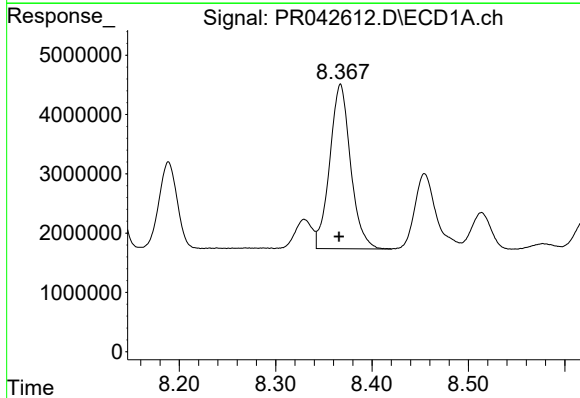
R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 37444101
Conc: 200.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



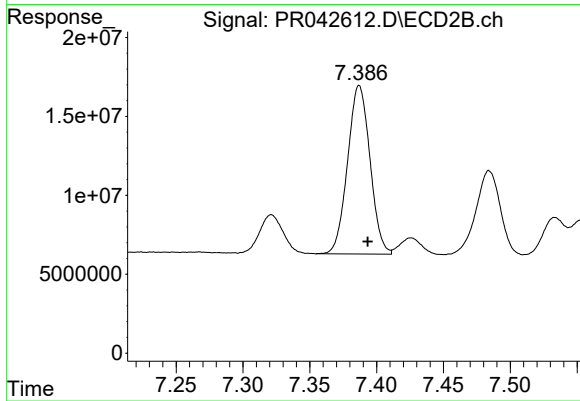
#33 AR-1260-3

R.T.: 6.914 min
Delta R.T.: -0.005 min
Response: 163971407
Conc: 241.11 ng/ml



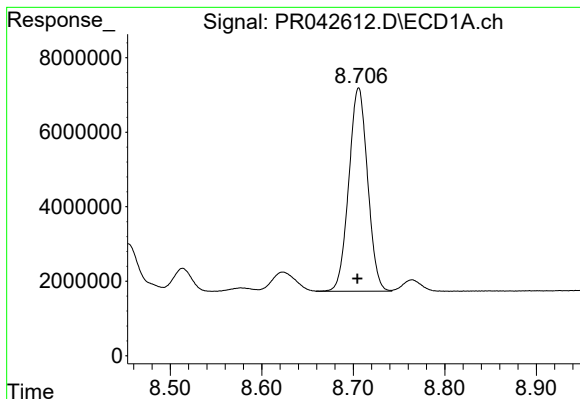
#34 AR-1260-4

R.T.: 8.367 min
Delta R.T.: 0.002 min
Response: 41746844
Conc: 198.17 ng/ml



#34 AR-1260-4

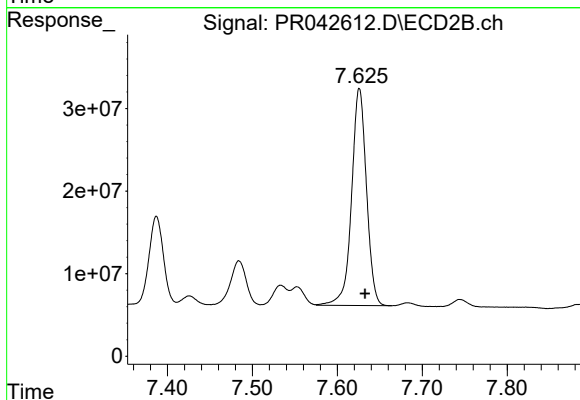
R.T.: 7.387 min
Delta R.T.: -0.006 min
Response: 124639252
Conc: 227.48 ng/ml



#35 AR-1260-5

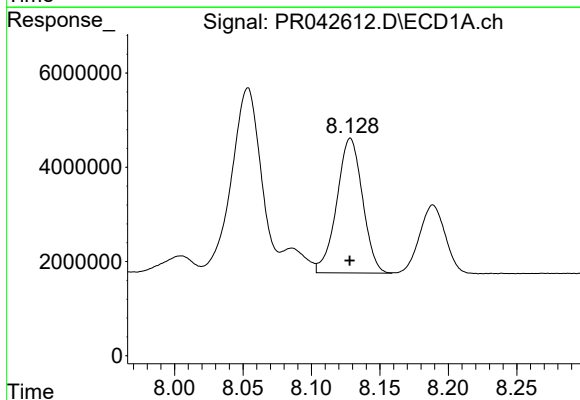
R.T.: 8.706 min
Delta R.T.: 0.001 min
Response: 77979688
Conc: 185.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



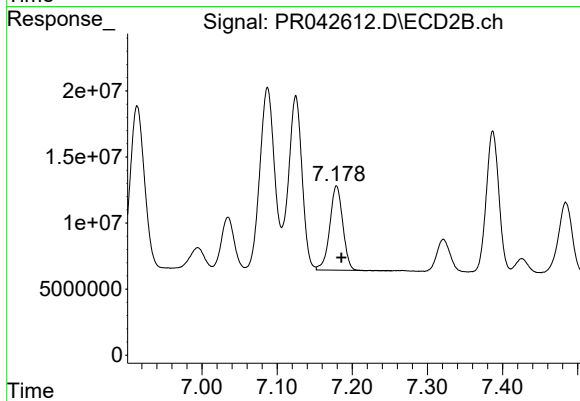
#35 AR-1260-5

R.T.: 7.626 min
Delta R.T.: -0.006 min
Response: 320335938
Conc: 217.40 ng/ml



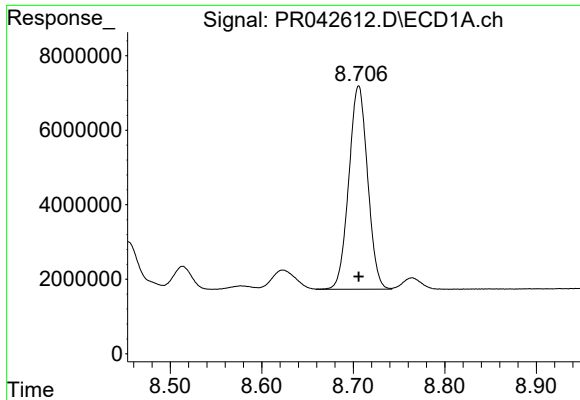
#36 AR-1262-1

R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 37444101
Conc: 127.79 ng/ml



#36 AR-1262-1

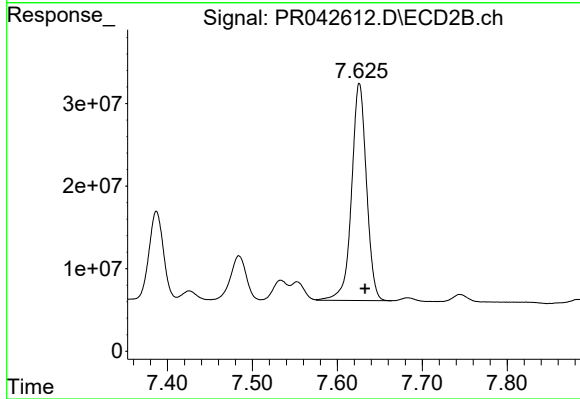
R.T.: 7.179 min
Delta R.T.: -0.006 min
Response: 76881436
Conc: 188.54 ng/ml



#37 AR-1262-2

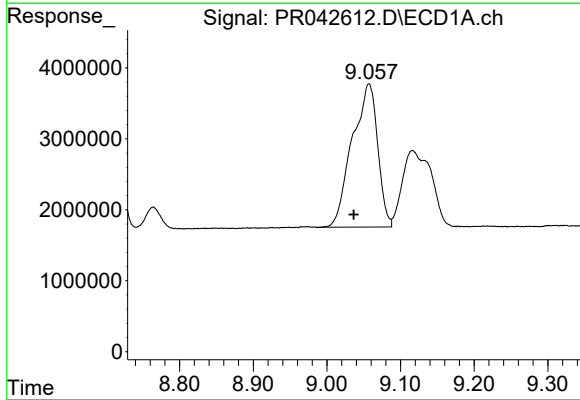
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 77979688
Conc: 143.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



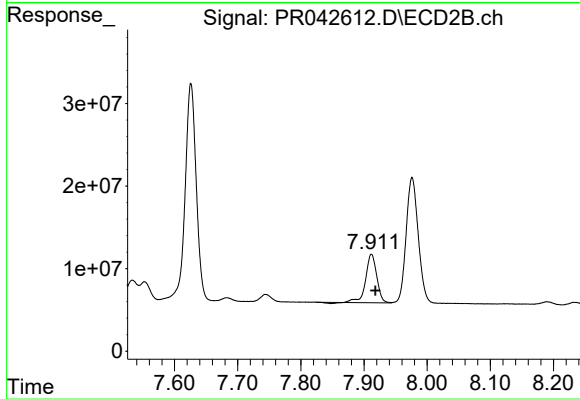
#37 AR-1262-2

R.T.: 7.626 min
Delta R.T.: -0.006 min
Response: 320335938
Conc: 173.02 ng/ml



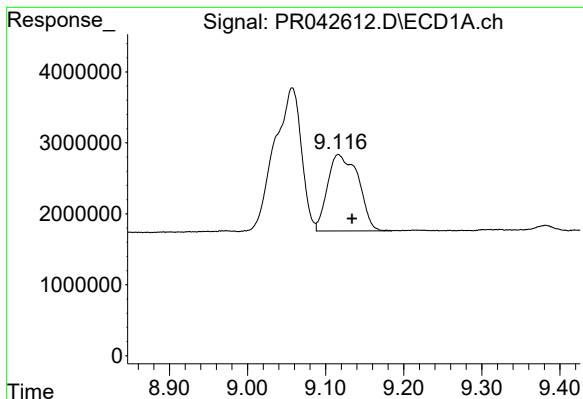
#38 AR-1262-3

R.T.: 9.057 min
Delta R.T.: 0.021 min
Response: 48507326
Conc: 141.62 ng/ml



#38 AR-1262-3

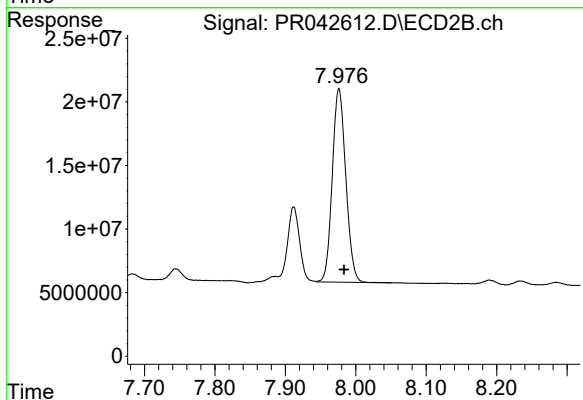
R.T.: 7.912 min
Delta R.T.: -0.006 min
Response: 70984542
Conc: 102.21 ng/ml



#39 AR-1262-4

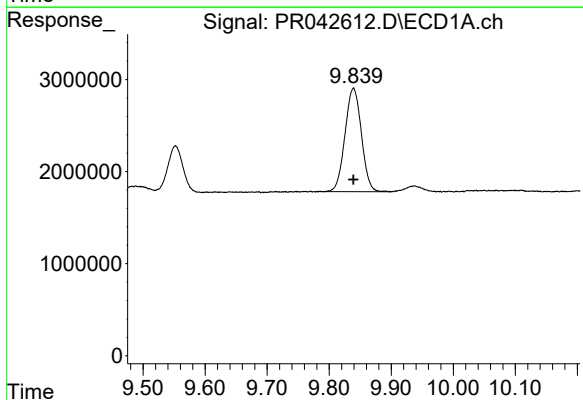
R.T.: 9.116 min
Delta R.T.: -0.018 min
Response: 29500276
Conc: 224.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



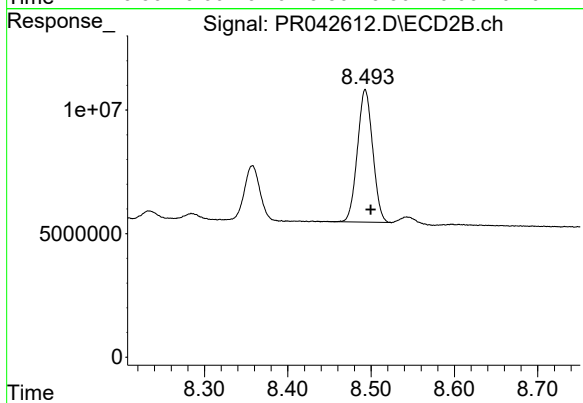
#39 AR-1262-4

R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 202620140
Conc: 166.03 ng/ml



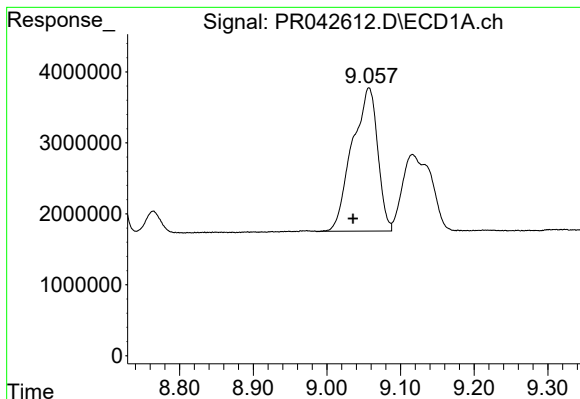
#40 AR-1262-5

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 20678588
Conc: 126.74 ng/ml



#40 AR-1262-5

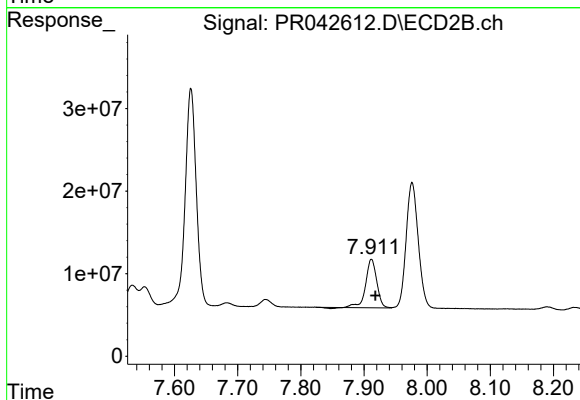
R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 68304633
Conc: 129.45 ng/ml



#41 AR-1268-1

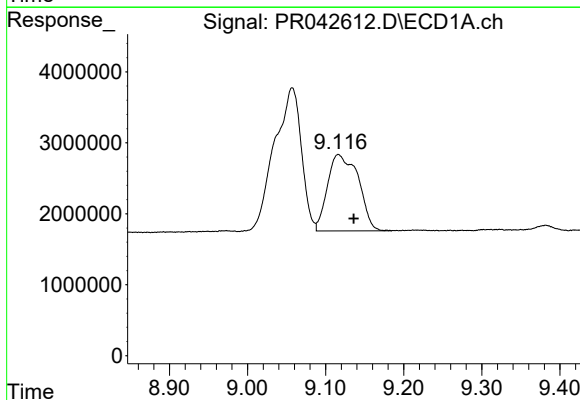
R.T.: 9.057 min
Delta R.T.: 0.022 min
Response: 48507326
Conc: 88.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



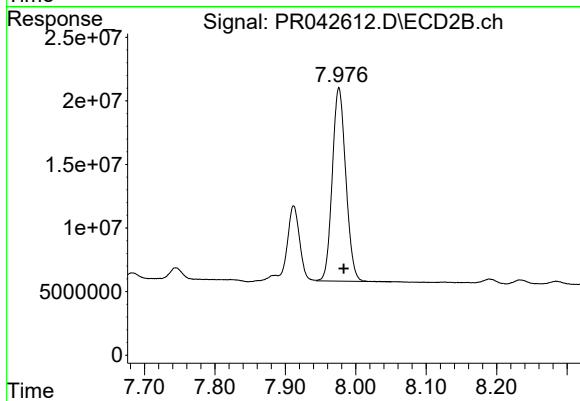
#41 AR-1268-1

R.T.: 7.912 min
Delta R.T.: -0.006 min
Response: 70984542
Conc: 37.80 ng/ml



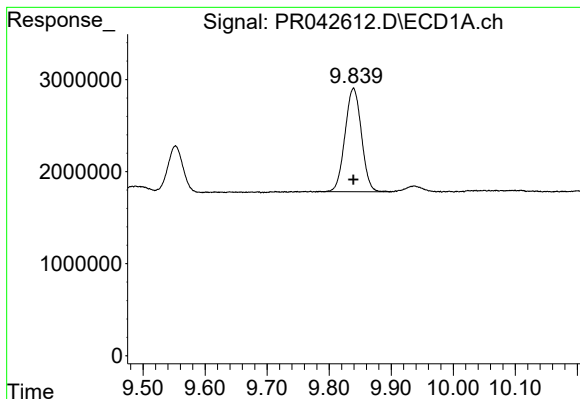
#42 AR-1268-2

R.T.: 9.116 min
Delta R.T.: -0.020 min
Response: 29500276
Conc: 60.93 ng/ml



#42 AR-1268-2

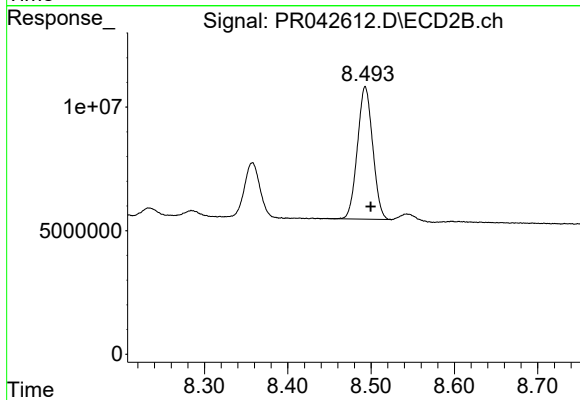
R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 202620140
Conc: 121.40 ng/ml



#44 AR-1268-4

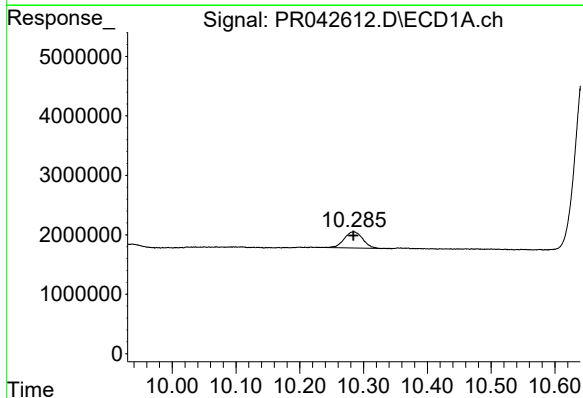
R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 20678588
Conc: 124.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



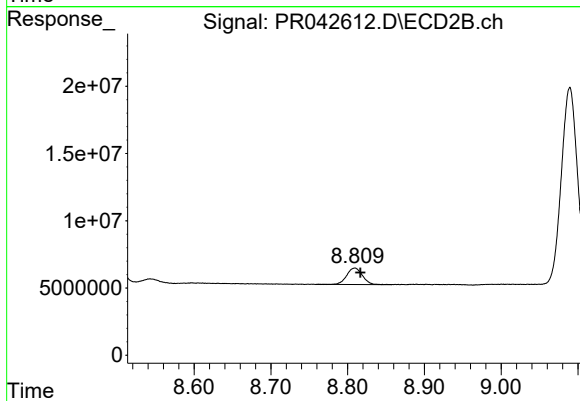
#44 AR-1268-4

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 68304633
Conc: 126.20 ng/ml



#45 AR-1268-5

R.T.: 10.285 min
Delta R.T.: 0.000 min
Response: 5536276
Conc: 4.53 ng/ml



#45 AR-1268-5

R.T.: 8.809 min
Delta R.T.: -0.007 min
Response: 17253875
Conc: 4.52 ng/ml