

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102819\
 Data File : PR042601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2019 17:19
 Operator : SM\AJ
 Sample : K5503-03RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 09:26:53 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...	4.727	3.987	132.3E6	487.5E6	27.791	28.631
2)	SA Decachlor...	10.643	9.086	368.6E6	953.8E6	105.411	93.965
Target Compounds							
3)	L1 AR-1016-1	0.000	5.077	0	34964549	N.D.	65.561 #
4)	L1 AR-1016-2	0.000	5.077	0	34964549	N.D.	47.572 #
5)	L1 AR-1016-3	0.000	5.282	0	18839270	N.D.	58.039 #
6)	L1 AR-1016-4	6.066	5.313	3752314	43370589	34.671	166.063 #
7)	L1 AR-1016-5	6.386	5.573	5624242	18073521	51.993	60.980
8)	L2 AR-1221-1	0.000	4.184	0	6638364	N.D.	39.078 #
9)	L2 AR-1221-2	0.000	4.292	0	12641986	N.D.	99.999 #
10)	L2 AR-1221-3	0.000	4.430	0	66761349	N.D.	165.866 #
11)	L3 AR-1232-1	0.000	4.430	0	66761349	N.D.	114.960 #
12)	L3 AR-1232-2	0.000	5.077	0	34964549	N.D.	62.116 #
13)	L3 AR-1232-3	0.000	5.282	0	18839270	N.D.	74.485 #
14)	L3 AR-1232-4	6.066	5.393	3752314	31764297	45.784	150.742 #
15)	L3 AR-1232-5	0.000	5.573	0	18073521	N.D.	86.165 #
16)	L4 AR-1242-1	0.000	5.077	0	34964549	N.D.	84.900 #
17)	L4 AR-1242-2	0.000	5.077	0	34964549	N.D.	62.794 #
18)	L4 AR-1242-3	0.000	5.282	0	18839270	N.D.	71.299 #
19)	L4 AR-1242-4	6.066	5.393	3752314	31764297	44.964	131.688 #
20)	L4 AR-1242-5	6.828	5.891	8894488	97598558	92.822	366.923 #
21)	L5 AR-1248-1	0.000	5.077	0	34964549	N.D.	106.177 #
22)	L5 AR-1248-2	0.000	5.313	0	43370589	N.D.	123.703 #
23)	L5 AR-1248-3	6.386	5.393	5624242	31764297	39.123	90.480 #
24)	L5 AR-1248-4	6.803	5.573	6968803	18073521	40.961	47.559
25)	L5 AR-1248-5	6.828	5.968	8894488	40788681	55.391	109.569 #
26)	L6 AR-1254-1	6.760	5.891	30044591	97598558	167.256	169.791
27)	L6 AR-1254-2	6.975	6.037	27943889	55780022	98.974	101.969
28)	L6 AR-1254-3	7.346	6.442	43613335	203.6E6	142.649	211.731 #
29)	L6 AR-1254-4	7.629	6.668	22224857	39921205	99.813	60.815 #
30)	L6 AR-1254-5	8.049	7.088	88163986	240.7E6	380.172	293.036
31)	L7 AR-1260-1	7.507	6.573	54792708	129.0E6	263.414	223.090
32)	L7 AR-1260-2	7.762	6.757	64805998	188.9E6	263.927	239.264
33)	L7 AR-1260-3	8.123	6.914	43939748	172.6E6	235.493	253.783
34)	L7 AR-1260-4	8.361	7.386	60838305	115.4E6	288.803	210.616 #
35)	L7 AR-1260-5	8.701	7.626	87766996	312.1E6	208.899	211.820
36)	L8 AR-1262-1	8.123	7.179	43939748	107.1E6	149.955	262.738 #
37)	L8 AR-1262-2	8.701	7.626	87766996	312.1E6	161.381	168.581
38)	L8 AR-1262-3	9.051	7.911	69196175	115.7E6	202.021	166.540
39)	L8 AR-1262-4	9.127	7.975	17504090	199.5E6	133.277	163.485
40)	L8 AR-1262-5	9.833	8.491	20585217	61376893	126.171	116.318
41)	L9 AR-1268-1	9.051	7.911	69196175	115.7E6	126.257	61.592 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102819\
 Data File : PR042601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2019 17:19
 Operator : SM\AJ
 Sample : K5503-03RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

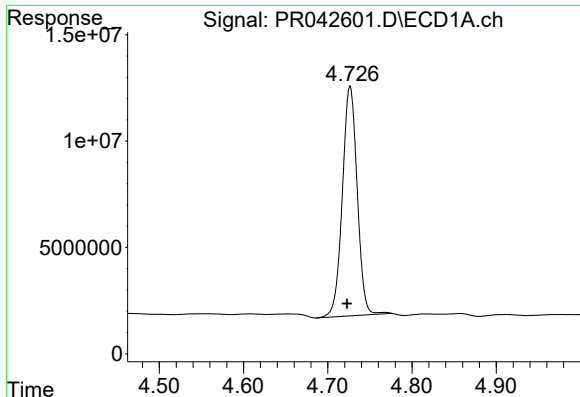
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 09:26:53 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
42) L9	AR-1268-2	9.127	7.975	17504090	199.5E6	36.152	119.545 #
43) L9	AR-1268-3	9.375	8.189	41597425	134.9E6	105.249	95.963
44) L9	AR-1268-4	9.833	8.491	20585217	61376893	123.747	113.396
45) L9	AR-1268-5	10.278	8.807	97142101	262.2E6	79.497	68.652

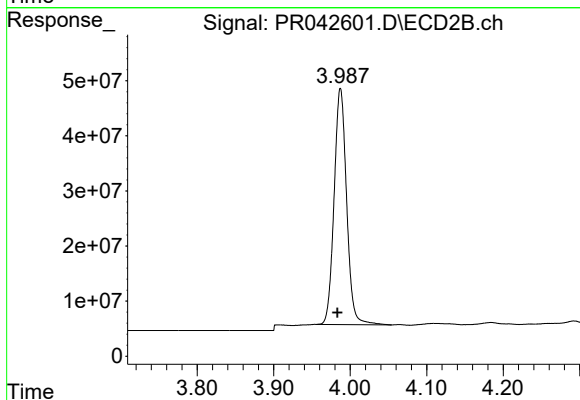
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

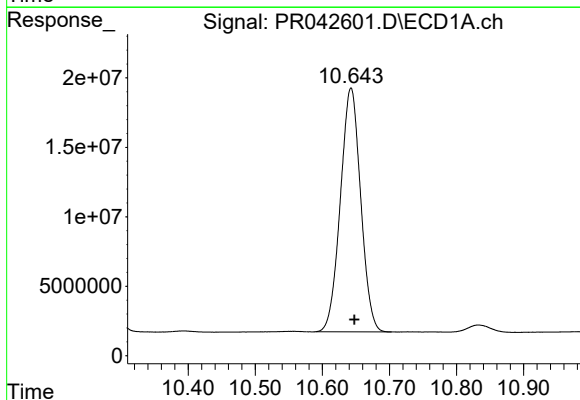
R.T.: 4.727 min
Delta R.T.: 0.004 min
Response: 132348863
Conc: 27.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



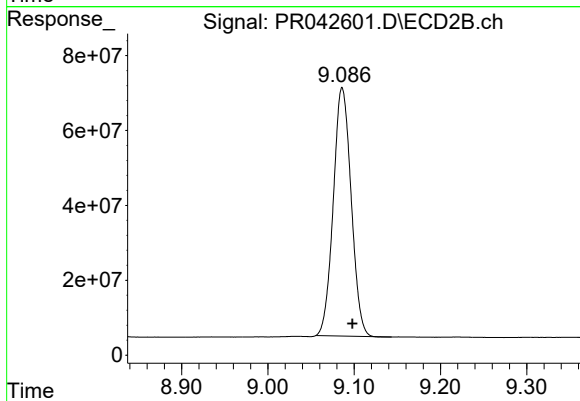
#1 Tetrachloro-m-xylene

R.T.: 3.987 min
Delta R.T.: 0.004 min
Response: 487466628
Conc: 28.63 ng/ml



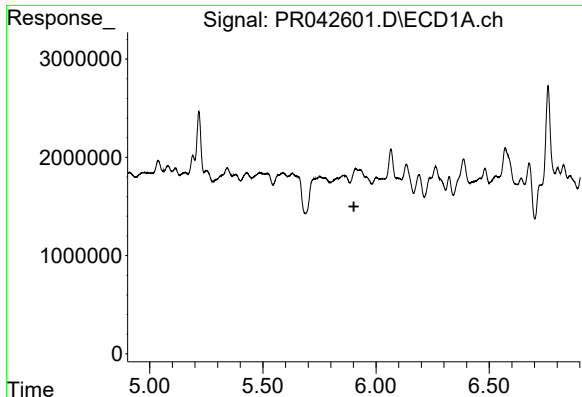
#2 Decachlorobiphenyl

R.T.: 10.643 min
Delta R.T.: -0.005 min
Response: 368554143
Conc: 105.41 ng/ml



#2 Decachlorobiphenyl

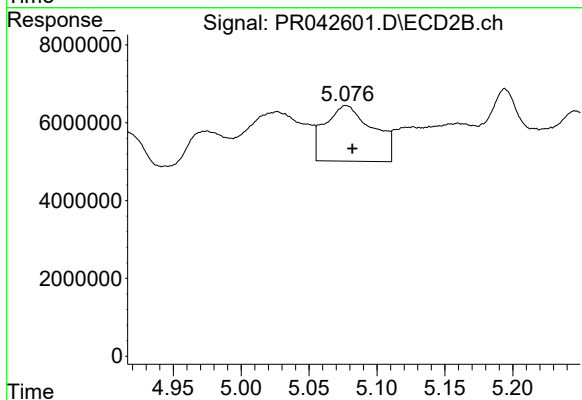
R.T.: 9.086 min
Delta R.T.: -0.012 min
Response: 953823743
Conc: 93.96 ng/ml



#3 AR-1016-1

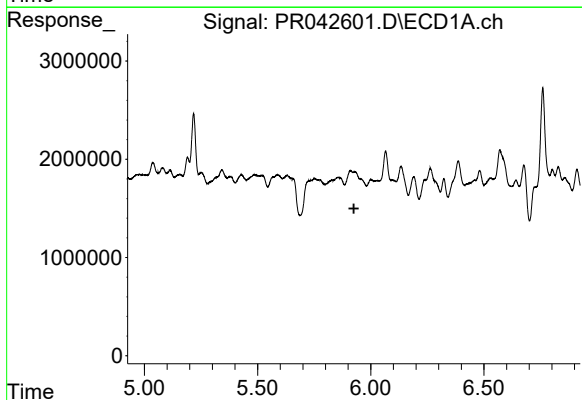
R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



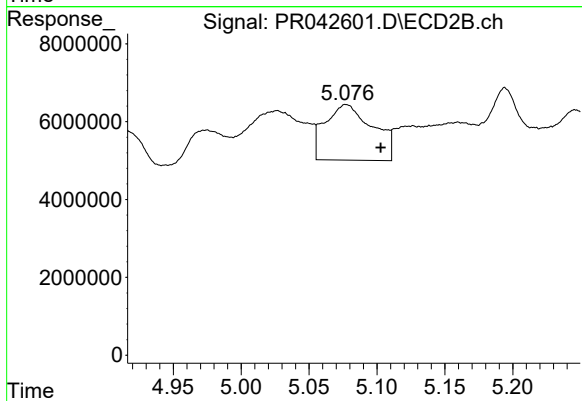
#3 AR-1016-1

R.T.: 5.077 min
Delta R.T.: -0.004 min
Response: 34964549
Conc: 65.56 ng/ml



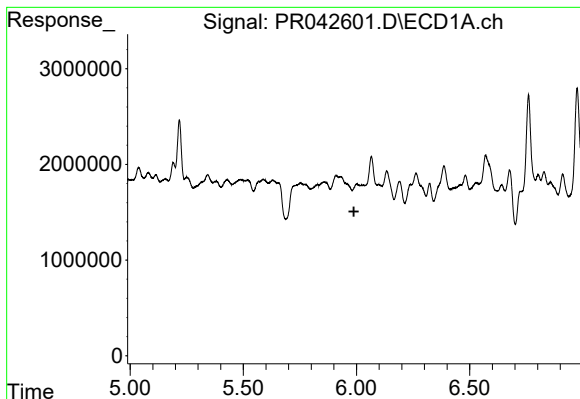
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.926 min
Response: 0
Conc: N.D.



#4 AR-1016-2

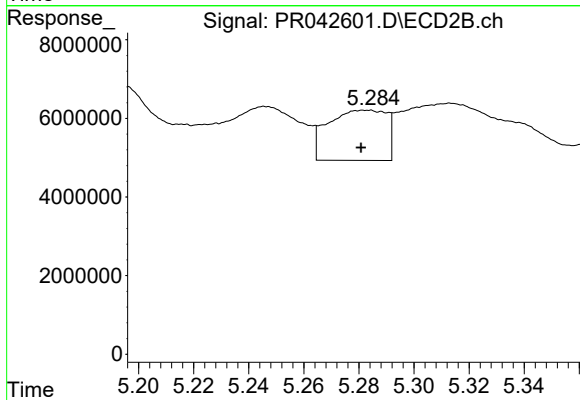
R.T.: 5.077 min
Delta R.T.: -0.025 min
Response: 34964549
Conc: 47.57 ng/ml



#5 AR-1016-3

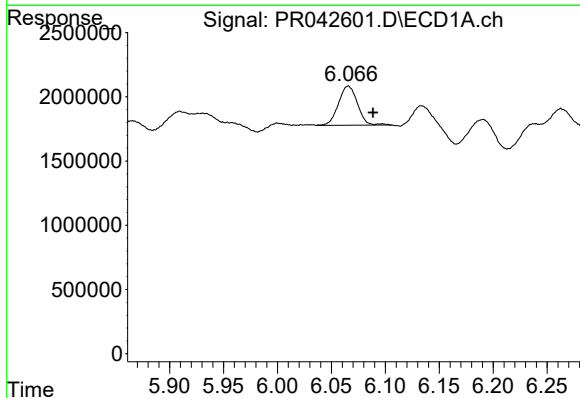
R.T.: 0.000 min
Exp R.T.: 5.988 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



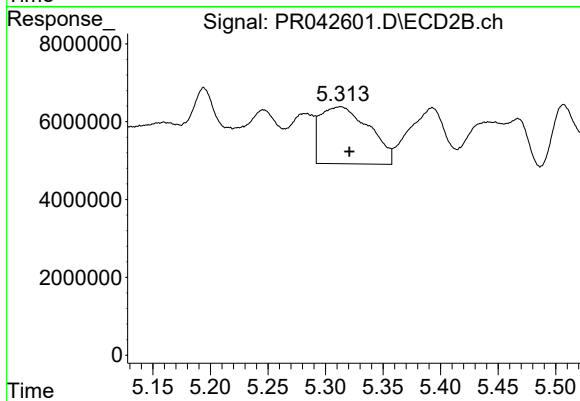
#5 AR-1016-3

R.T.: 5.282 min
Delta R.T.: 0.002 min
Response: 18839270
Conc: 58.04 ng/ml



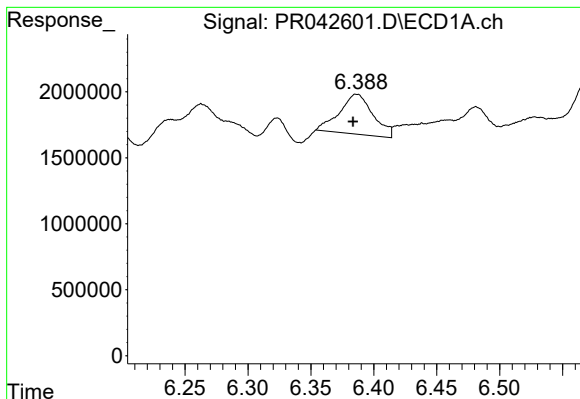
#6 AR-1016-4

R.T.: 6.066 min
Delta R.T.: -0.023 min
Response: 3752314
Conc: 34.67 ng/ml



#6 AR-1016-4

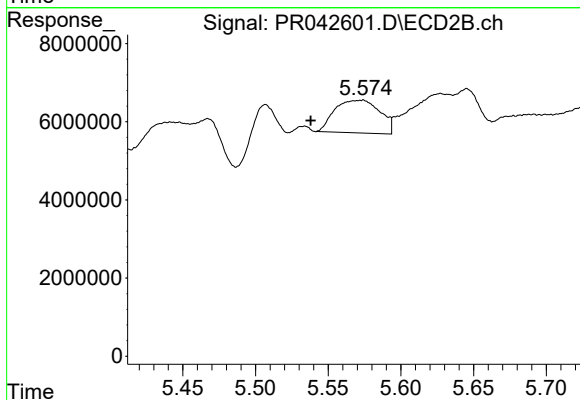
R.T.: 5.313 min
Delta R.T.: -0.008 min
Response: 43370589
Conc: 166.06 ng/ml



#7 AR-1016-5

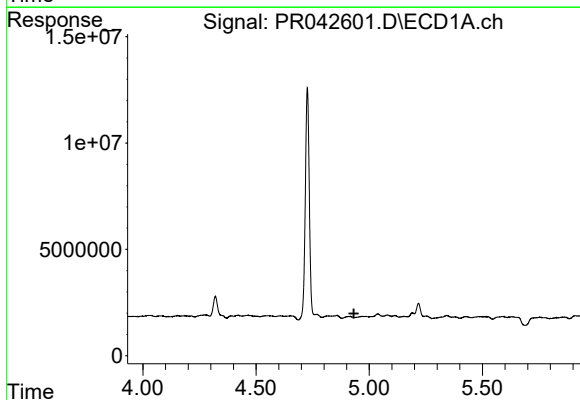
R.T.: 6.386 min
Delta R.T.: 0.003 min
Response: 5624242
Conc: 51.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



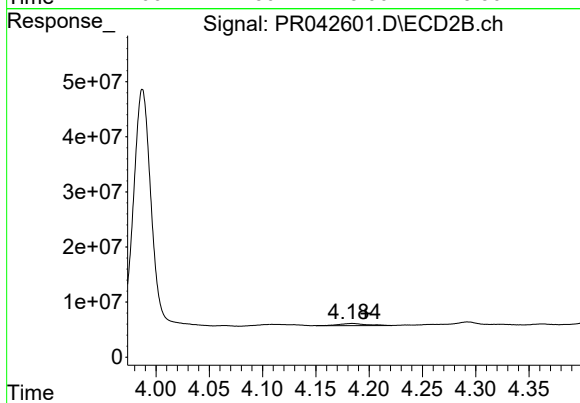
#7 AR-1016-5

R.T.: 5.573 min
Delta R.T.: 0.035 min
Response: 18073521
Conc: 60.98 ng/ml



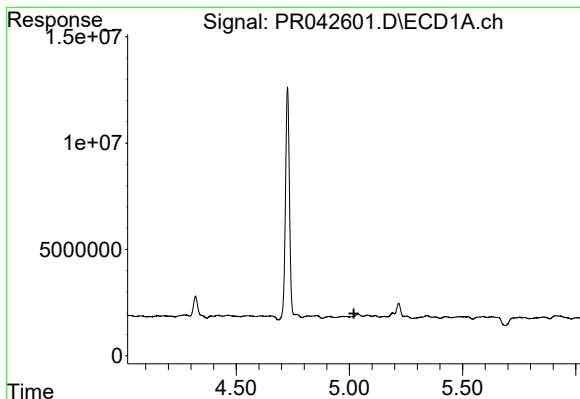
#8 AR-1221-1

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



#8 AR-1221-1

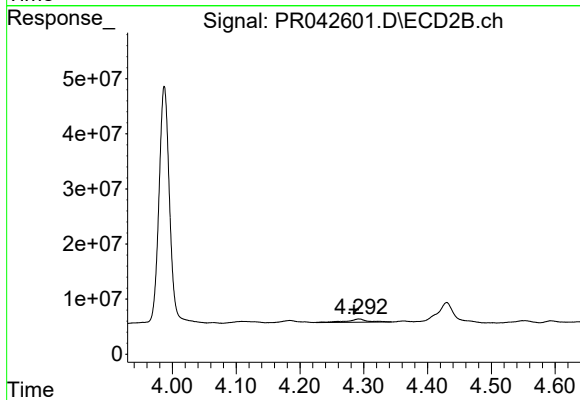
R.T.: 4.184 min
Delta R.T.: -0.013 min
Response: 6638364
Conc: 39.08 ng/ml



#9 AR-1221-2

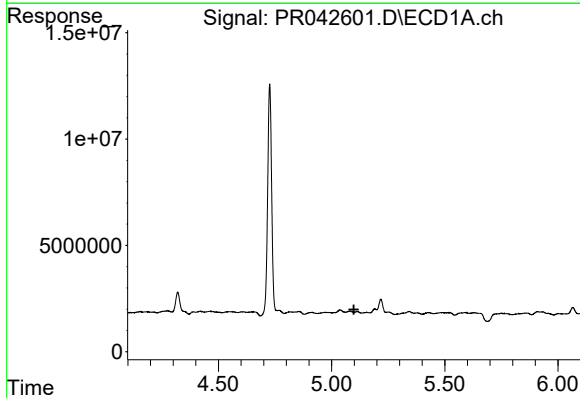
R.T.: 0.000 min
Exp R.T.: 5.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



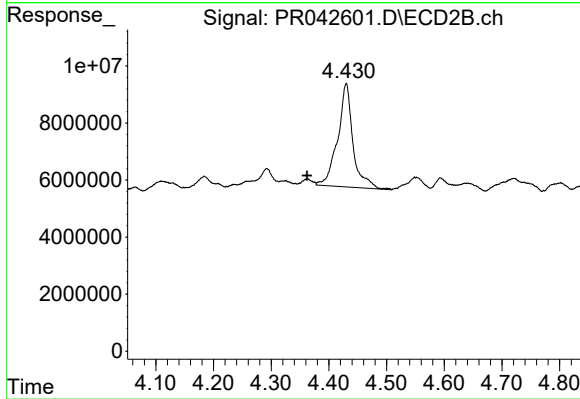
#9 AR-1221-2

R.T.: 4.292 min
Delta R.T.: 0.008 min
Response: 12641986
Conc: 100.00 ng/ml



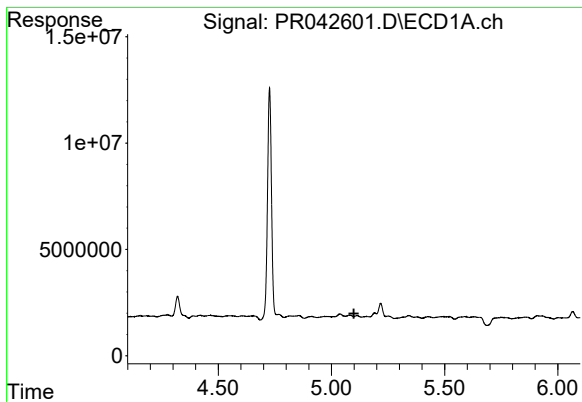
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.099 min
Response: 0
Conc: N.D.



#10 AR-1221-3

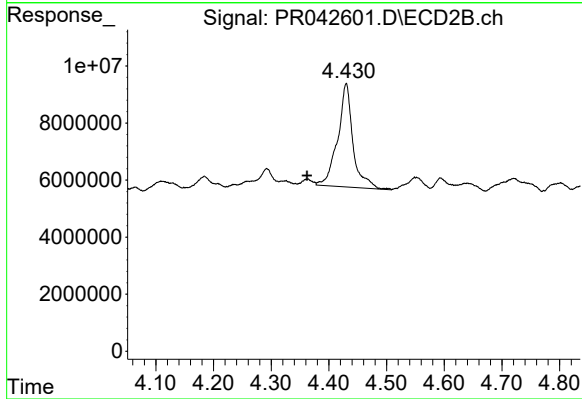
R.T.: 4.430 min
Delta R.T.: 0.068 min
Response: 66761349
Conc: 165.87 ng/ml



#11 AR-1232-1

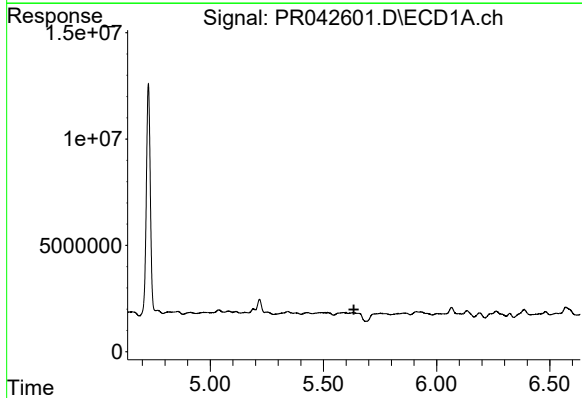
R.T.: 0.000 min
Exp R.T.: 5.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



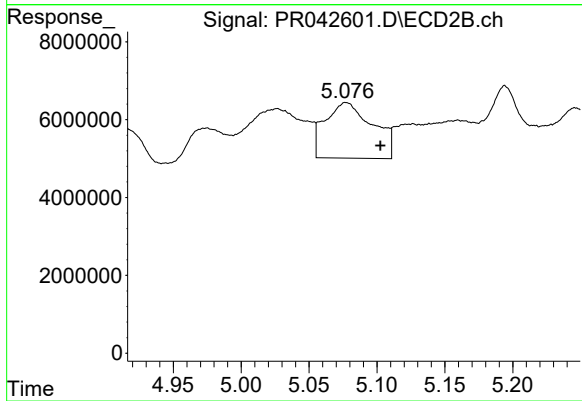
#11 AR-1232-1

R.T.: 4.430 min
Delta R.T.: 0.068 min
Response: 66761349
Conc: 114.96 ng/ml



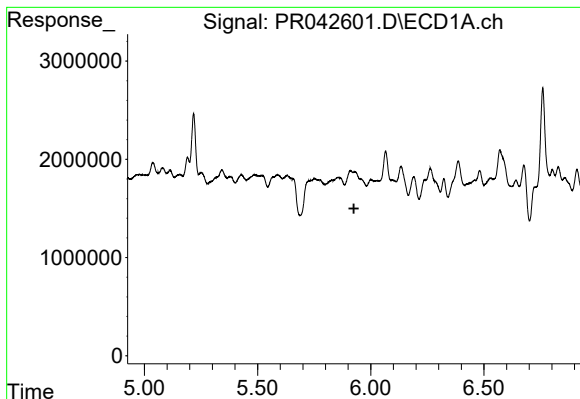
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.634 min
Response: 0
Conc: N.D.



#12 AR-1232-2

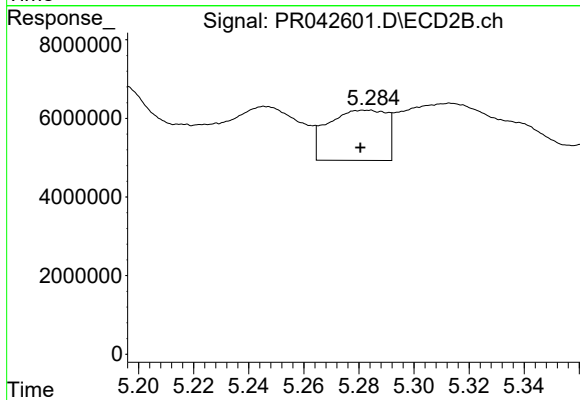
R.T.: 5.077 min
Delta R.T.: -0.025 min
Response: 34964549
Conc: 62.12 ng/ml



#13 AR-1232-3

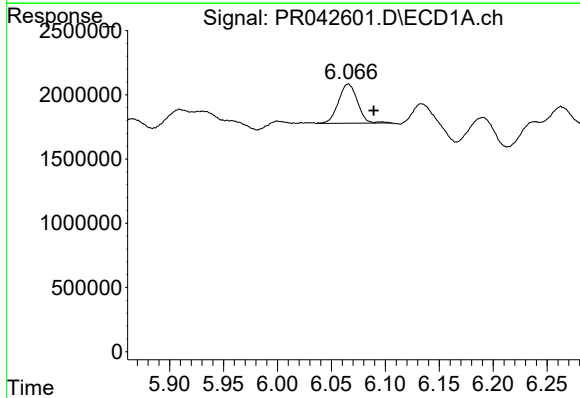
R.T.: 0.000 min
Exp R.T.: 5.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



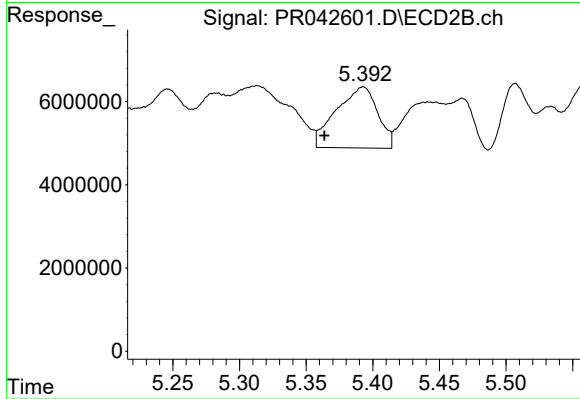
#13 AR-1232-3

R.T.: 5.282 min
Delta R.T.: 0.002 min
Response: 18839270
Conc: 74.49 ng/ml



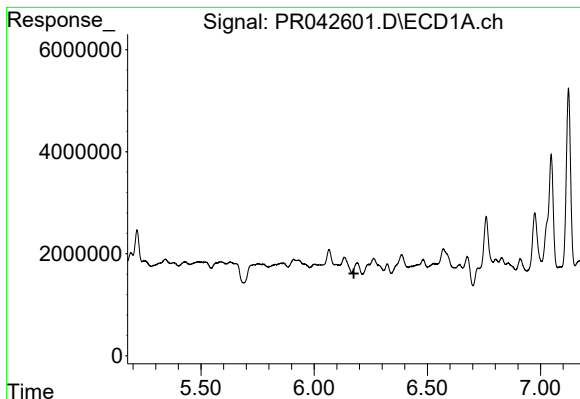
#14 AR-1232-4

R.T.: 6.066 min
Delta R.T.: -0.024 min
Response: 3752314
Conc: 45.78 ng/ml



#14 AR-1232-4

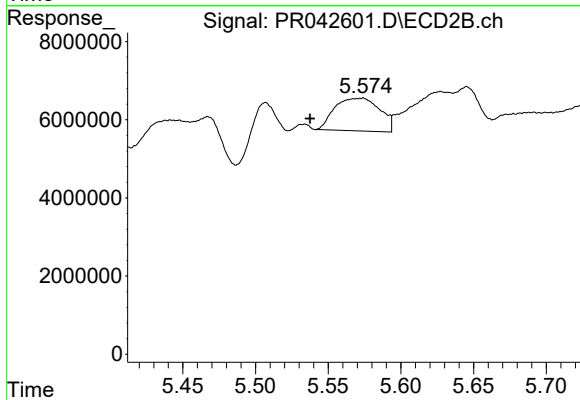
R.T.: 5.393 min
Delta R.T.: 0.029 min
Response: 31764297
Conc: 150.74 ng/ml



#15 AR-1232-5

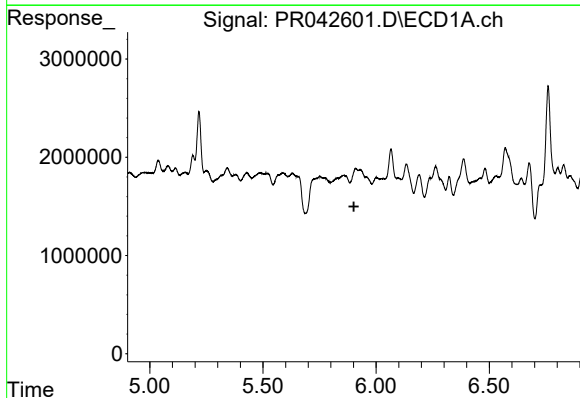
R.T.: 0.000 min
Exp R.T. : 6.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



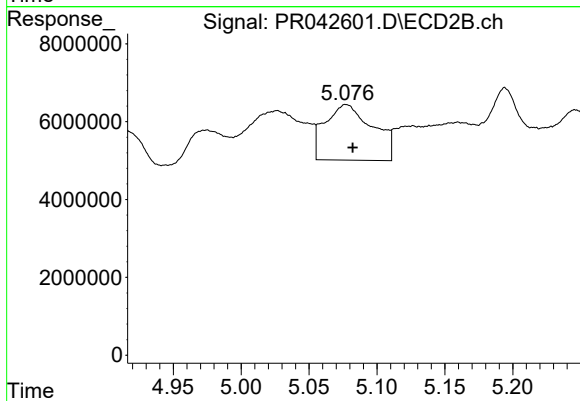
#15 AR-1232-5

R.T.: 5.573 min
Delta R.T.: 0.036 min
Response: 18073521
Conc: 86.17 ng/ml



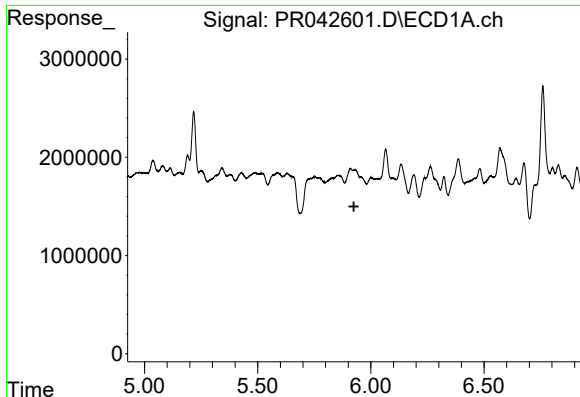
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.



#16 AR-1242-1

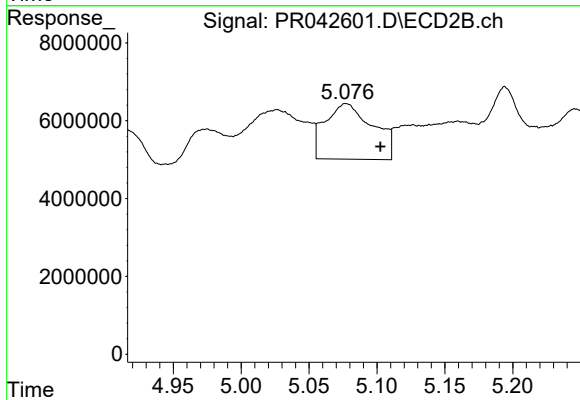
R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 34964549
Conc: 84.90 ng/ml



#17 AR-1242-2

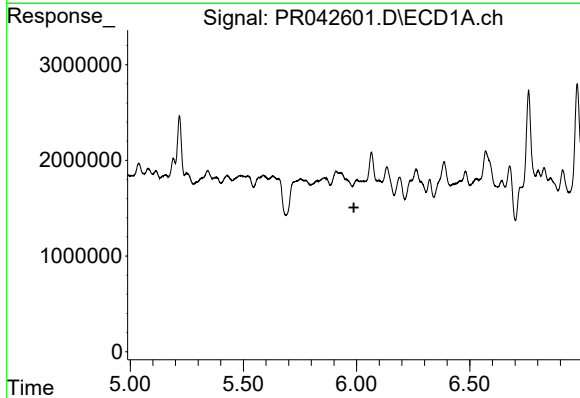
R.T.: 0.000 min
Exp R.T. : 5.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



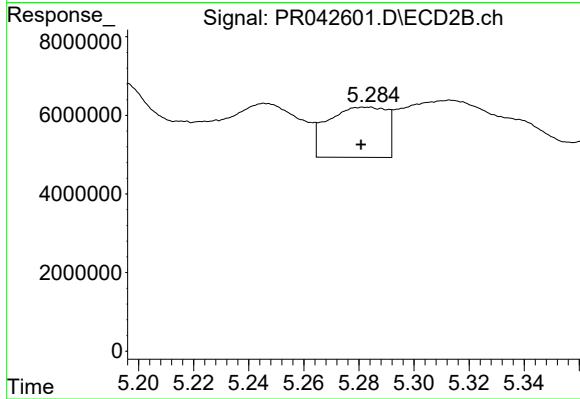
#17 AR-1242-2

R.T.: 5.077 min
Delta R.T.: -0.025 min
Response: 34964549
Conc: 62.79 ng/ml



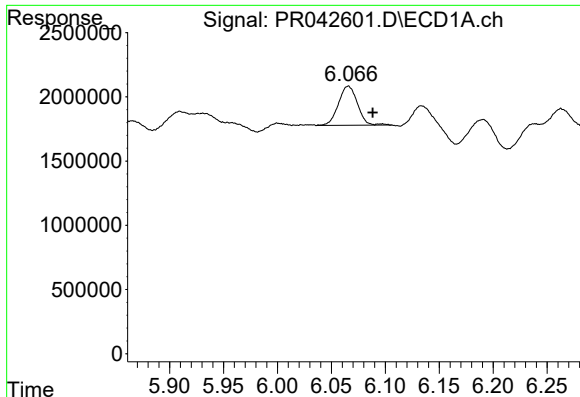
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



#18 AR-1242-3

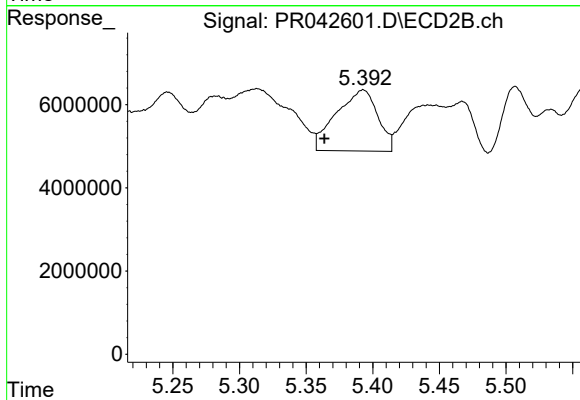
R.T.: 5.282 min
Delta R.T.: 0.002 min
Response: 18839270
Conc: 71.30 ng/ml



#19 AR-1242-4

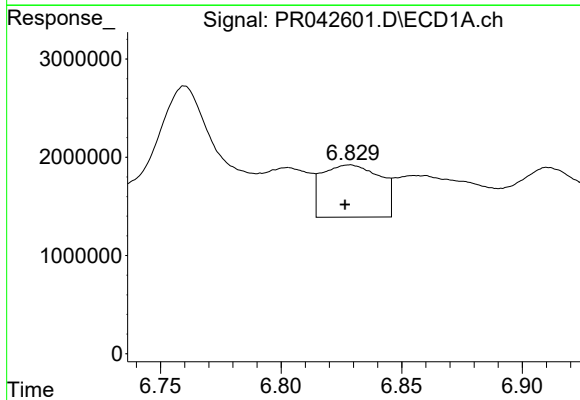
R.T.: 6.066 min
Delta R.T.: -0.023 min
Response: 3752314
Conc: 44.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



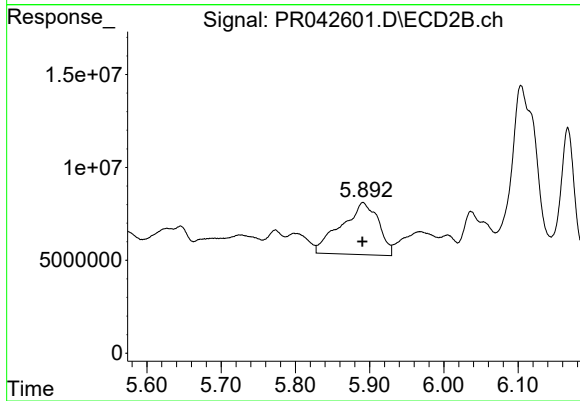
#19 AR-1242-4

R.T.: 5.393 min
Delta R.T.: 0.029 min
Response: 31764297
Conc: 131.69 ng/ml



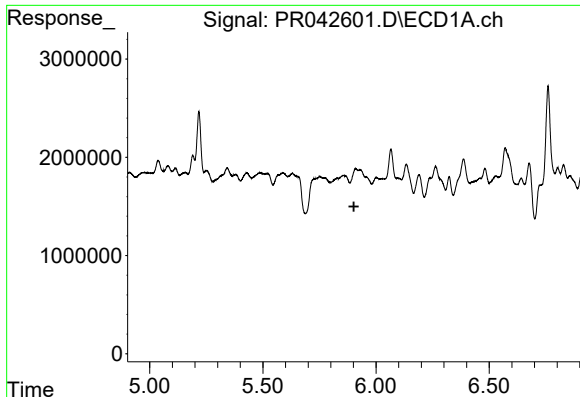
#20 AR-1242-5

R.T.: 6.828 min
Delta R.T.: 0.002 min
Response: 8894488
Conc: 92.82 ng/ml



#20 AR-1242-5

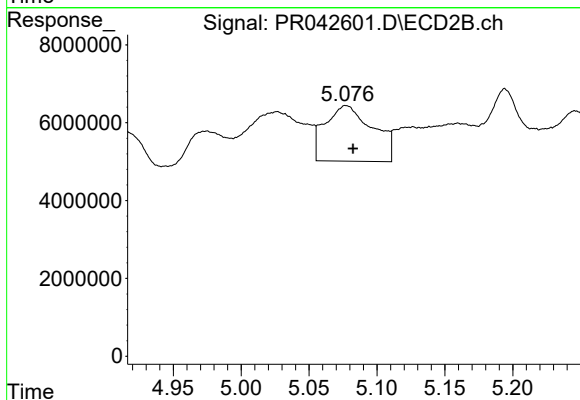
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 97598558
Conc: 366.92 ng/ml



#21 AR-1248-1

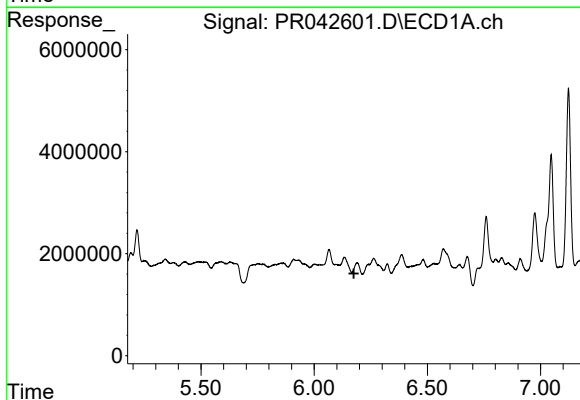
R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



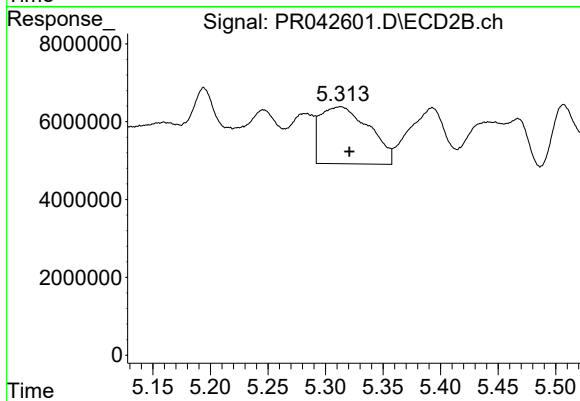
#21 AR-1248-1

R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 34964549
Conc: 106.18 ng/ml



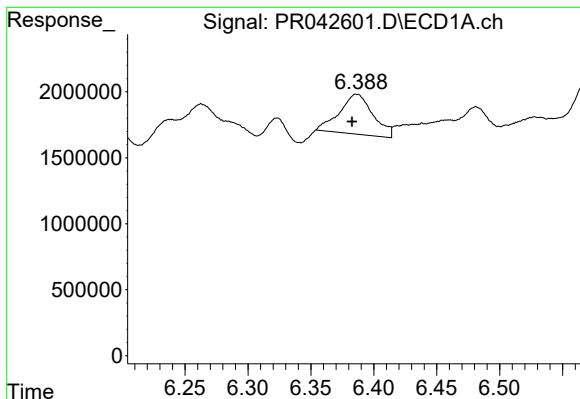
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.175 min
Response: 0
Conc: N.D.



#22 AR-1248-2

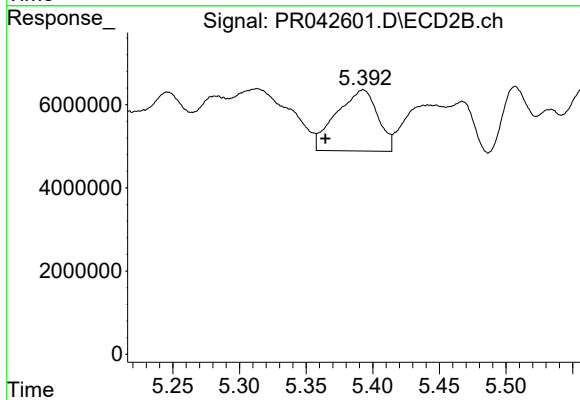
R.T.: 5.313 min
Delta R.T.: -0.008 min
Response: 43370589
Conc: 123.70 ng/ml



#23 AR-1248-3

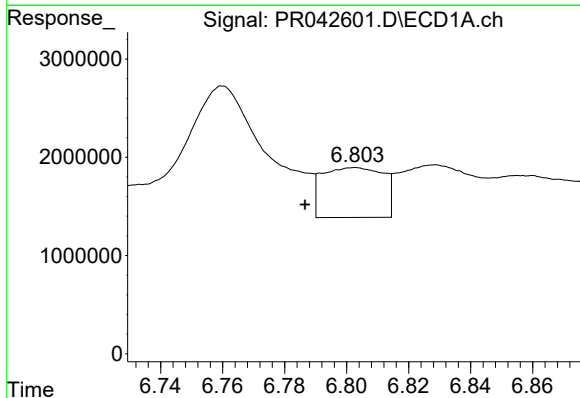
R.T.: 6.386 min
Delta R.T.: 0.004 min
Response: 5624242
Conc: 39.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



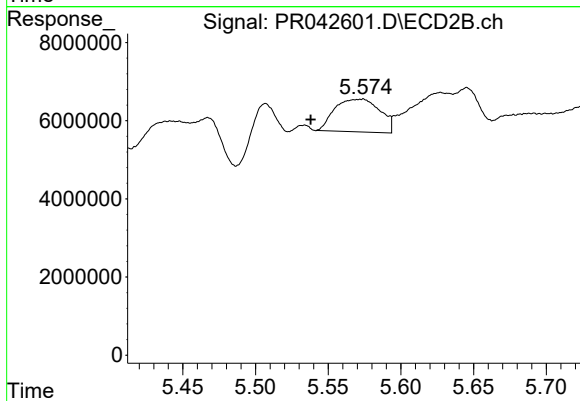
#23 AR-1248-3

R.T.: 5.393 min
Delta R.T.: 0.028 min
Response: 31764297
Conc: 90.48 ng/ml



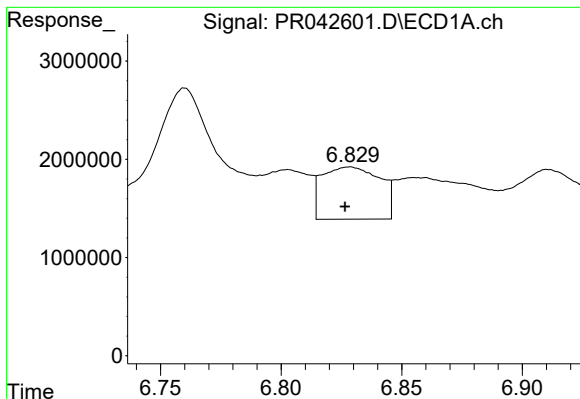
#24 AR-1248-4

R.T.: 6.803 min
Delta R.T.: 0.016 min
Response: 6968803
Conc: 40.96 ng/ml



#24 AR-1248-4

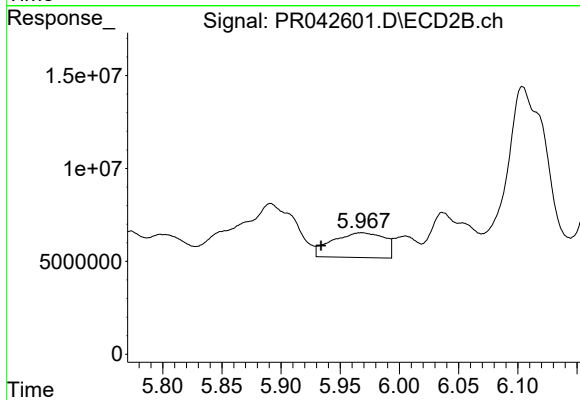
R.T.: 5.573 min
Delta R.T.: 0.035 min
Response: 18073521
Conc: 47.56 ng/ml



#25 AR-1248-5

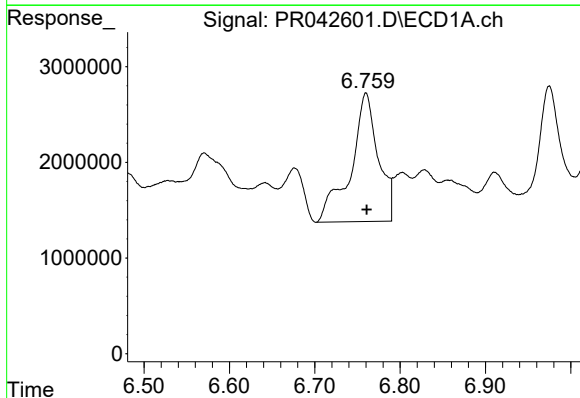
R.T.: 6.828 min
Delta R.T.: 0.002 min
Response: 8894488
Conc: 55.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



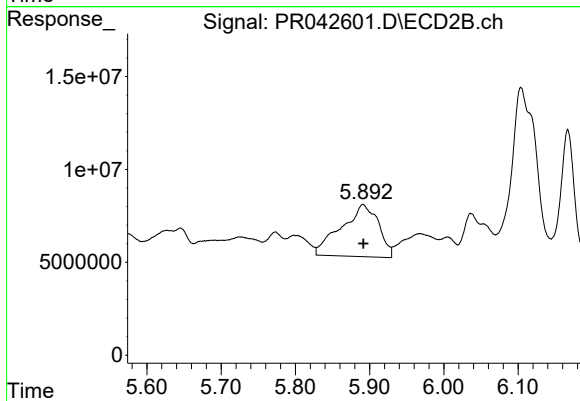
#25 AR-1248-5

R.T.: 5.968 min
Delta R.T.: 0.034 min
Response: 40788681
Conc: 109.57 ng/ml



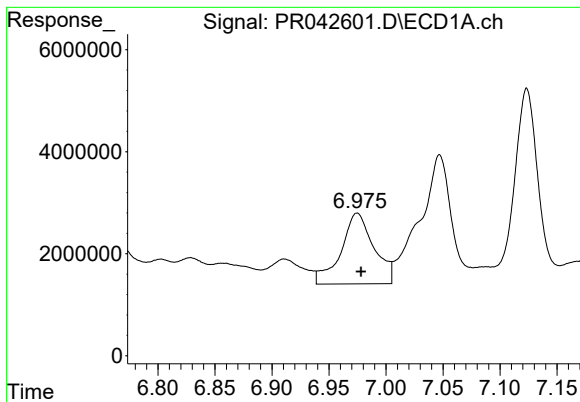
#26 AR-1254-1

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 30044591
Conc: 167.26 ng/ml



#26 AR-1254-1

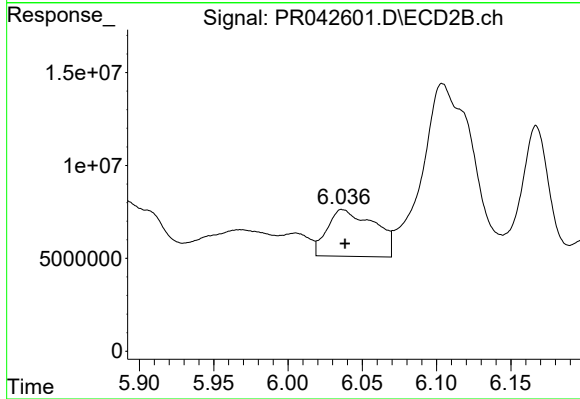
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 97598558
Conc: 169.79 ng/ml



#27 AR-1254-2

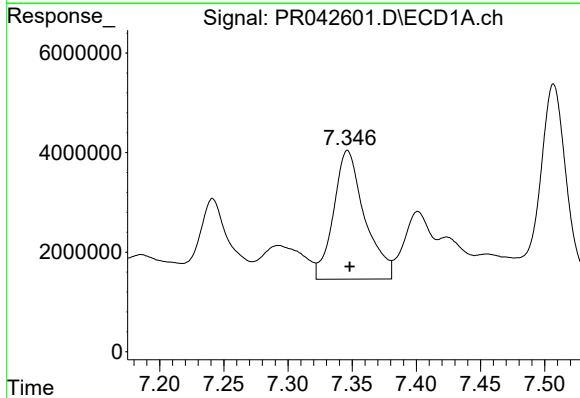
R.T.: 6.975 min
Delta R.T.: -0.004 min
Response: 27943889
Conc: 98.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



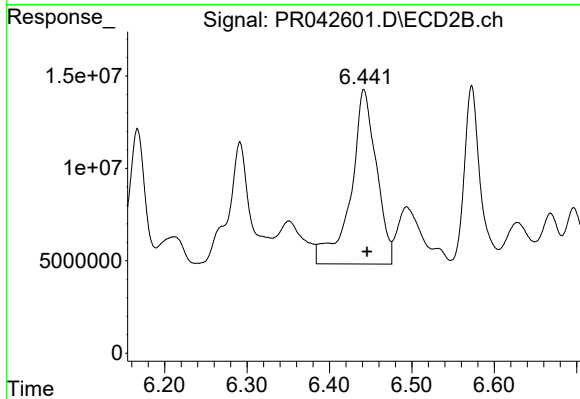
#27 AR-1254-2

R.T.: 6.037 min
Delta R.T.: -0.002 min
Response: 55780022
Conc: 101.97 ng/ml



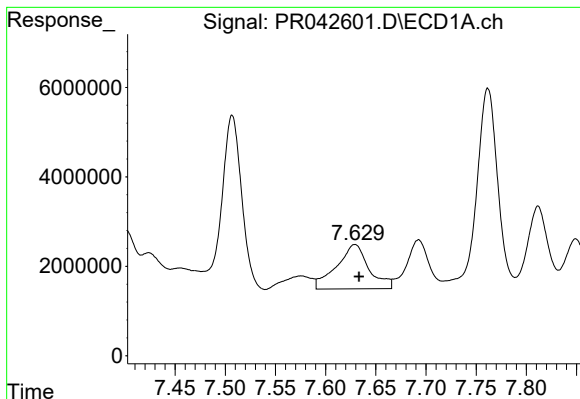
#28 AR-1254-3

R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 43613335
Conc: 142.65 ng/ml



#28 AR-1254-3

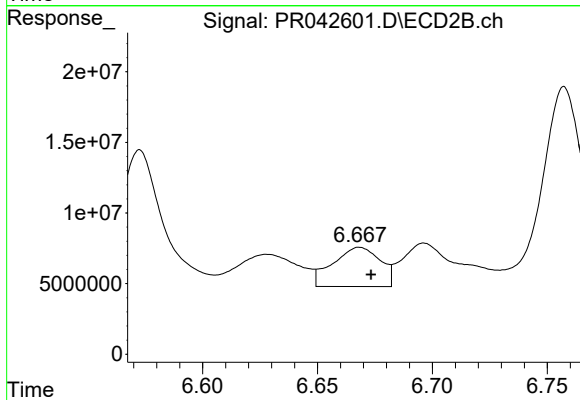
R.T.: 6.442 min
Delta R.T.: -0.004 min
Response: 203579758
Conc: 211.73 ng/ml



#29 AR-1254-4

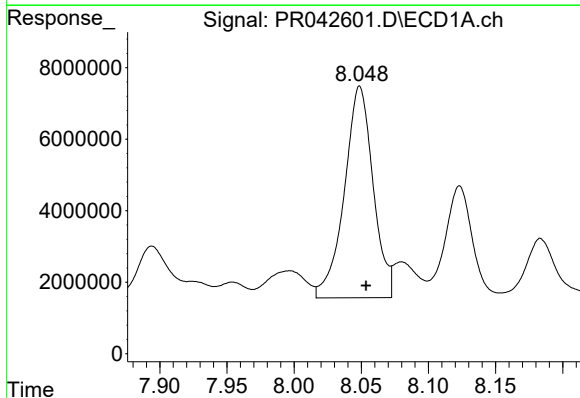
R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 22224857
Conc: 99.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



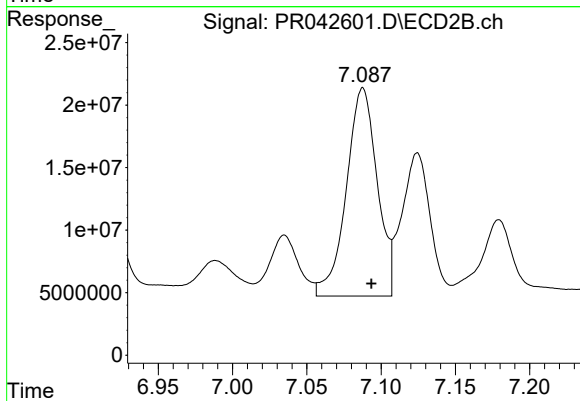
#29 AR-1254-4

R.T.: 6.668 min
Delta R.T.: -0.005 min
Response: 39921205
Conc: 60.81 ng/ml



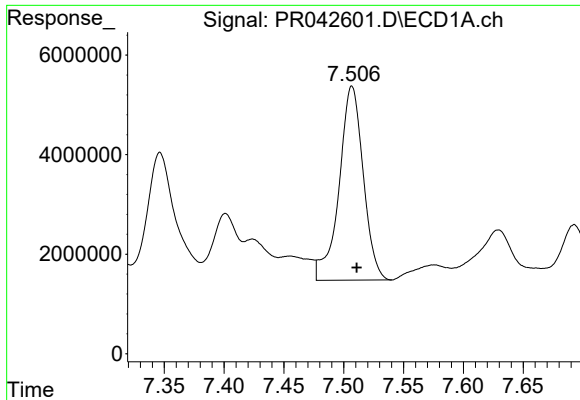
#30 AR-1254-5

R.T.: 8.049 min
Delta R.T.: -0.005 min
Response: 88163986
Conc: 380.17 ng/ml



#30 AR-1254-5

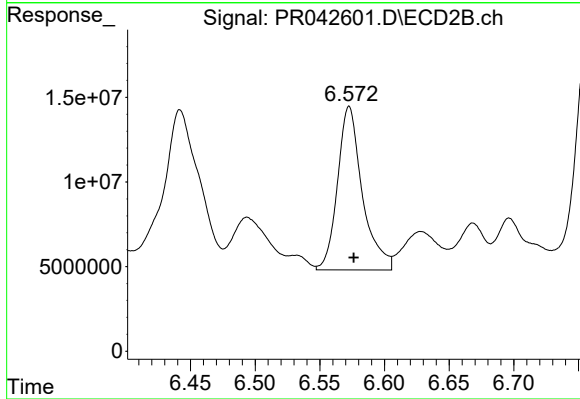
R.T.: 7.088 min
Delta R.T.: -0.006 min
Response: 240650736
Conc: 293.04 ng/ml



#31 AR-1260-1

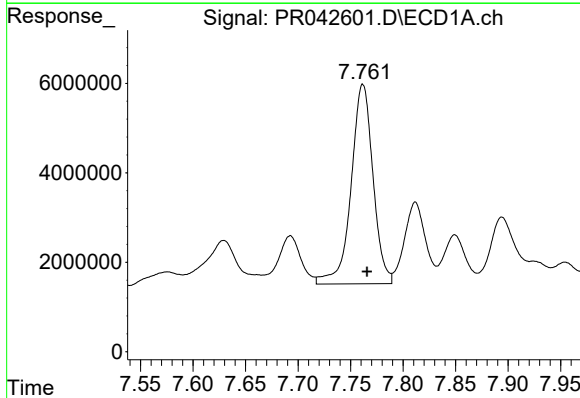
R.T.: 7.507 min
Delta R.T.: -0.004 min
Response: 54792708
Conc: 263.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



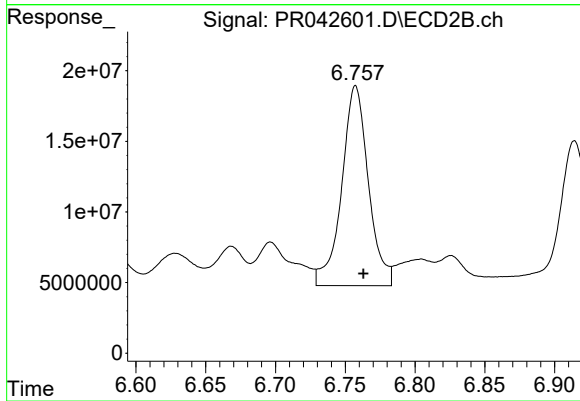
#31 AR-1260-1

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 129037480
Conc: 223.09 ng/ml



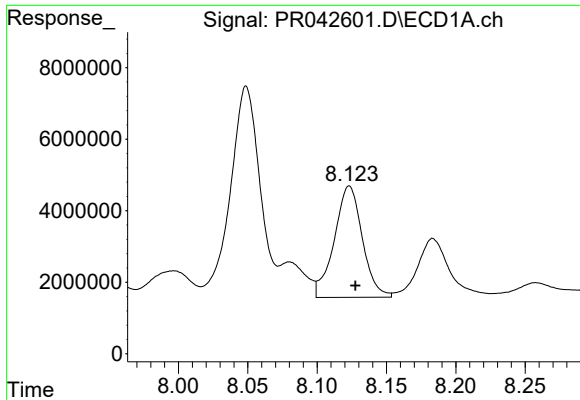
#32 AR-1260-2

R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 64805998
Conc: 263.93 ng/ml



#32 AR-1260-2

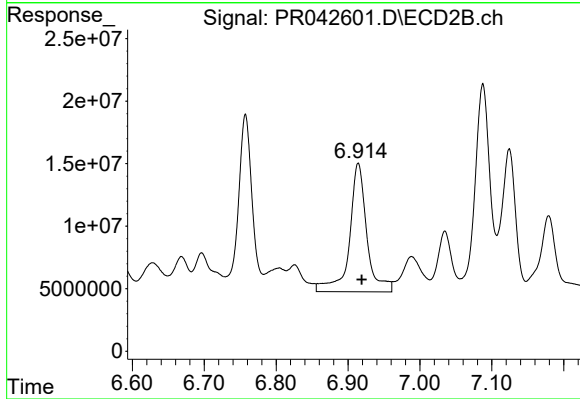
R.T.: 6.757 min
Delta R.T.: -0.006 min
Response: 188874621
Conc: 239.26 ng/ml



#33 AR-1260-3

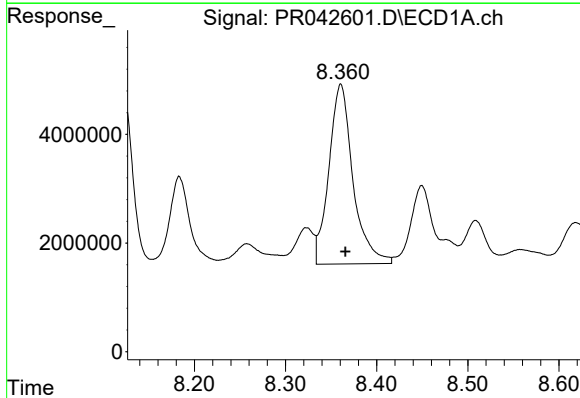
R.T.: 8.123 min
Delta R.T.: -0.004 min
Response: 43939748
Conc: 235.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



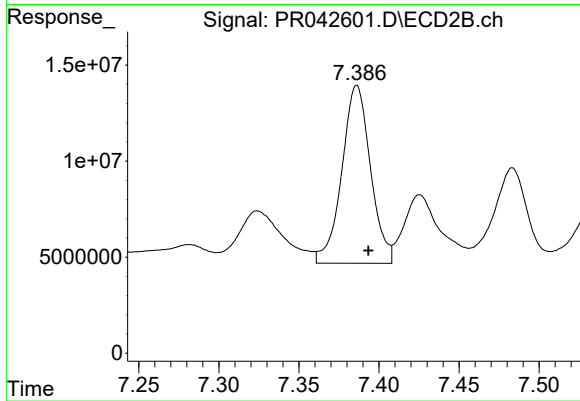
#33 AR-1260-3

R.T.: 6.914 min
Delta R.T.: -0.005 min
Response: 172591839
Conc: 253.78 ng/ml



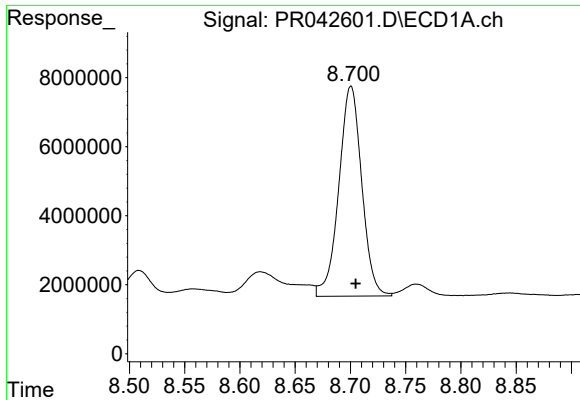
#34 AR-1260-4

R.T.: 8.361 min
Delta R.T.: -0.005 min
Response: 60838305
Conc: 288.80 ng/ml



#34 AR-1260-4

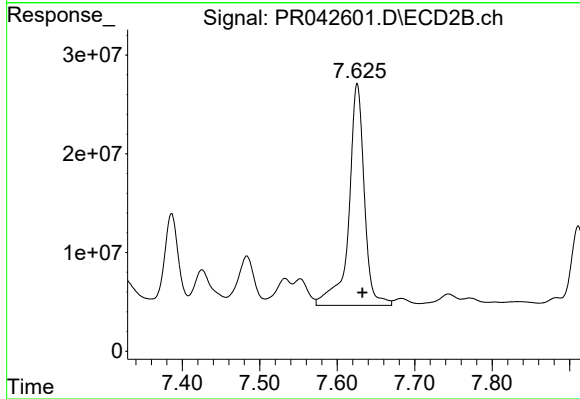
R.T.: 7.386 min
Delta R.T.: -0.007 min
Response: 115401391
Conc: 210.62 ng/ml



#35 AR-1260-5

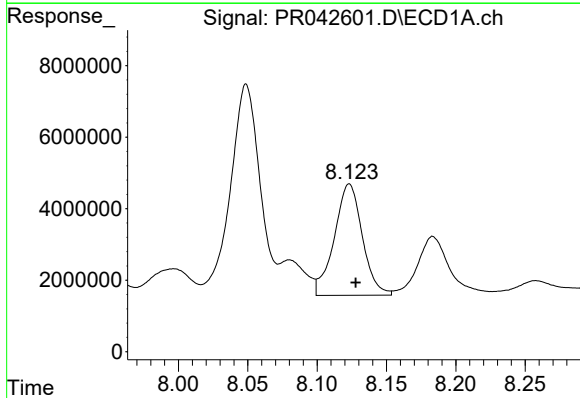
R.T.: 8.701 min
Delta R.T.: -0.004 min
Response: 87766996
Conc: 208.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



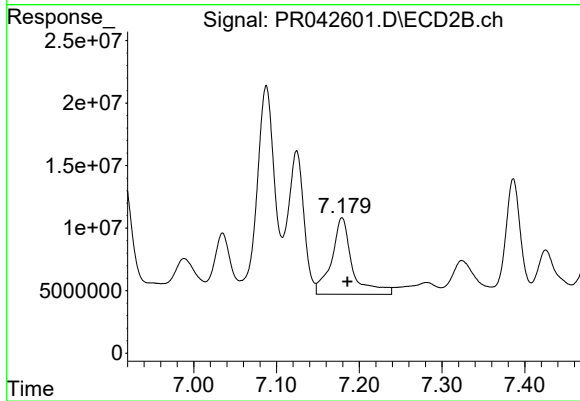
#35 AR-1260-5

R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 312118373
Conc: 211.82 ng/ml



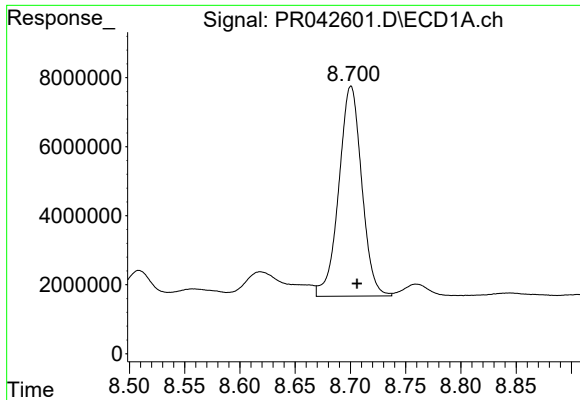
#36 AR-1262-1

R.T.: 8.123 min
Delta R.T.: -0.005 min
Response: 43939748
Conc: 149.96 ng/ml



#36 AR-1262-1

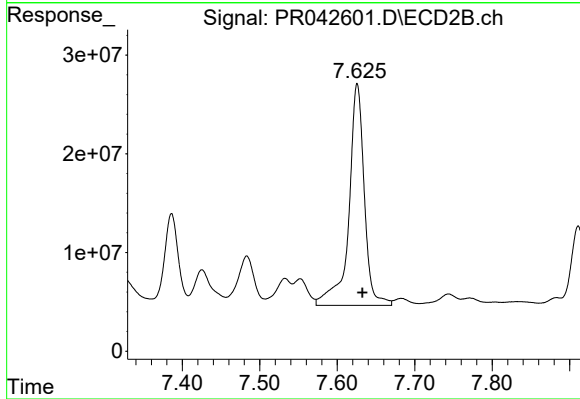
R.T.: 7.179 min
Delta R.T.: -0.006 min
Response: 107139937
Conc: 262.74 ng/ml



#37 AR-1262-2

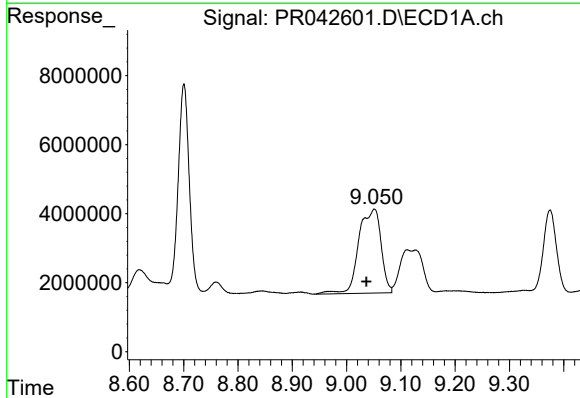
R.T.: 8.701 min
Delta R.T.: -0.005 min
Response: 87766996
Conc: 161.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



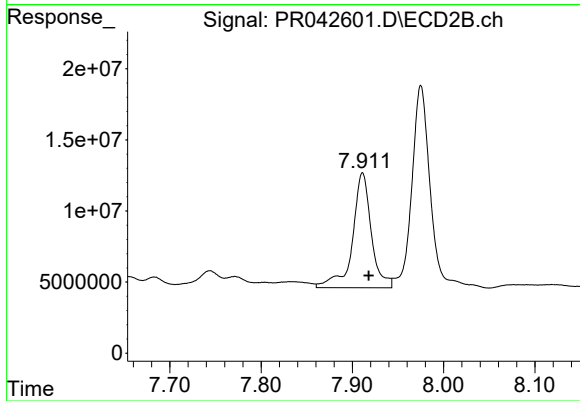
#37 AR-1262-2

R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 312118373
Conc: 168.58 ng/ml



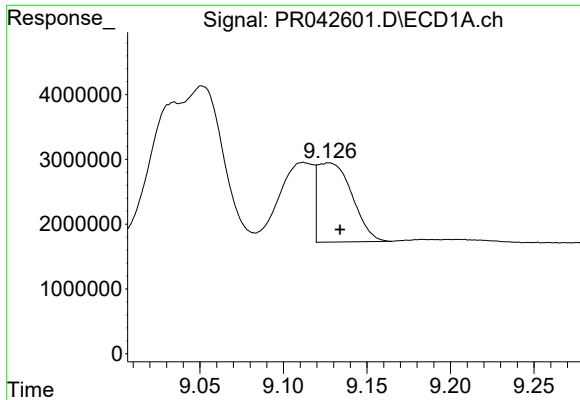
#38 AR-1262-3

R.T.: 9.051 min
Delta R.T.: 0.015 min
Response: 69196175
Conc: 202.02 ng/ml



#38 AR-1262-3

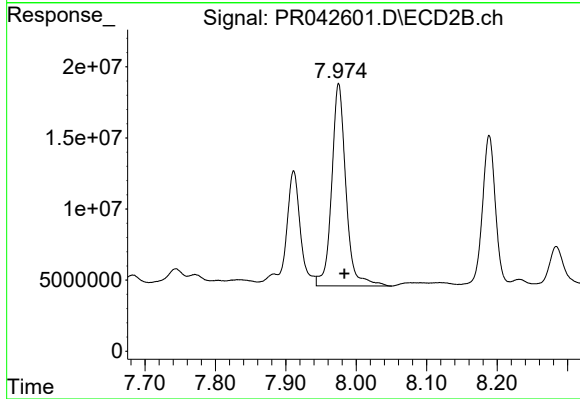
R.T.: 7.911 min
Delta R.T.: -0.007 min
Response: 115657064
Conc: 166.54 ng/ml



#39 AR-1262-4

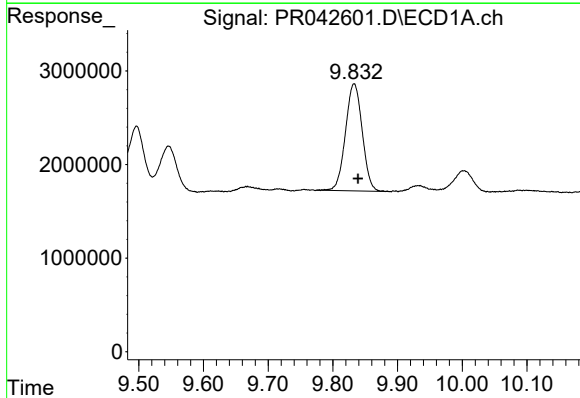
R.T.: 9.127 min
Delta R.T.: -0.007 min
Response: 17504090
Conc: 133.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



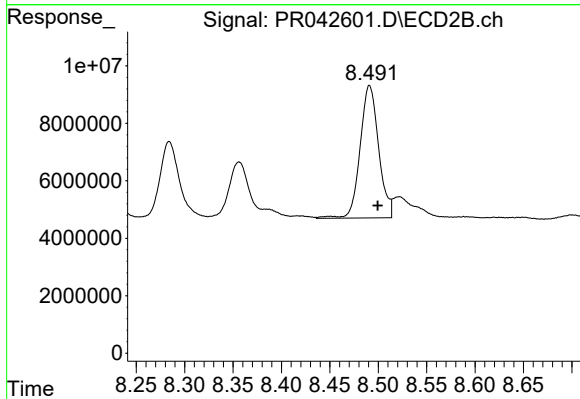
#39 AR-1262-4

R.T.: 7.975 min
Delta R.T.: -0.008 min
Response: 199516243
Conc: 163.48 ng/ml



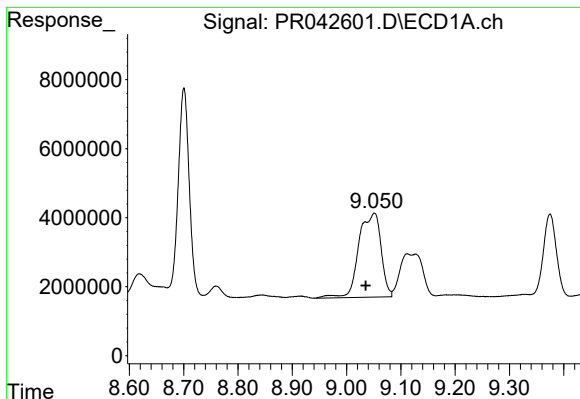
#40 AR-1262-5

R.T.: 9.833 min
Delta R.T.: -0.006 min
Response: 20585217
Conc: 126.17 ng/ml



#40 AR-1262-5

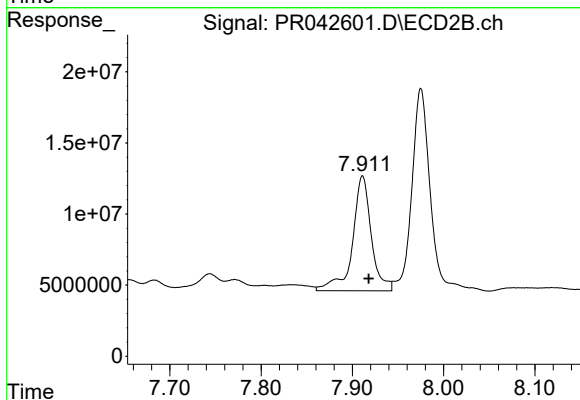
R.T.: 8.491 min
Delta R.T.: -0.009 min
Response: 61376893
Conc: 116.32 ng/ml



#41 AR-1268-1

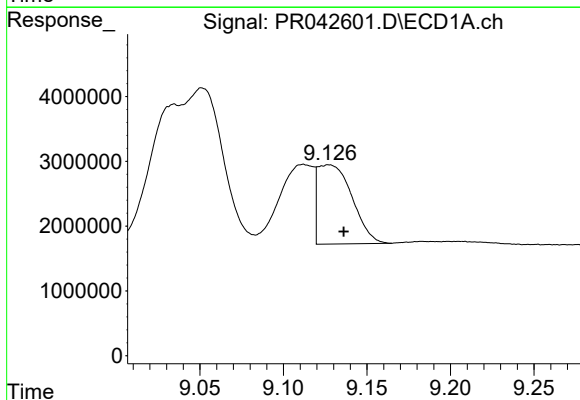
R.T.: 9.051 min
Delta R.T.: 0.016 min
Response: 69196175
Conc: 126.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



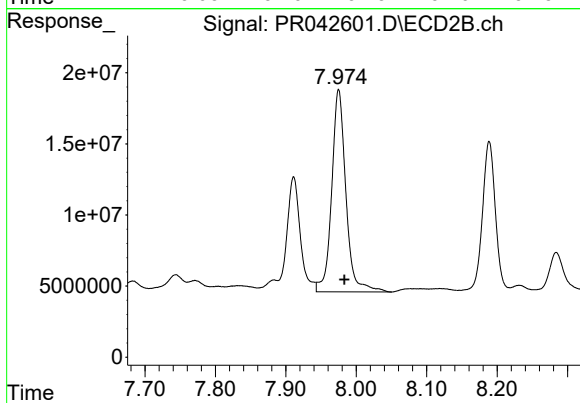
#41 AR-1268-1

R.T.: 7.911 min
Delta R.T.: -0.007 min
Response: 115657064
Conc: 61.59 ng/ml



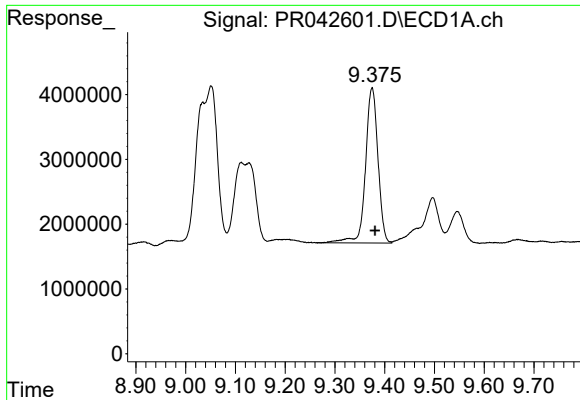
#42 AR-1268-2

R.T.: 9.127 min
Delta R.T.: -0.009 min
Response: 17504090
Conc: 36.15 ng/ml



#42 AR-1268-2

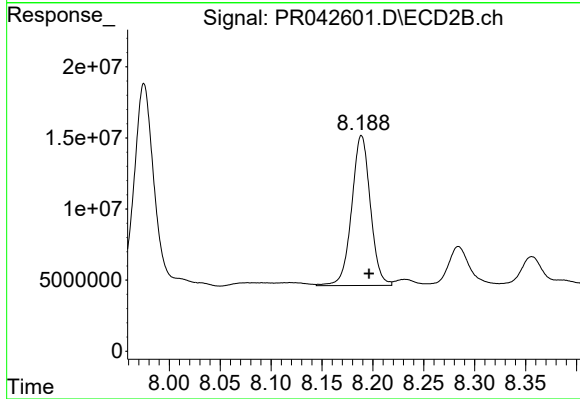
R.T.: 7.975 min
Delta R.T.: -0.008 min
Response: 199516243
Conc: 119.55 ng/ml



#43 AR-1268-3

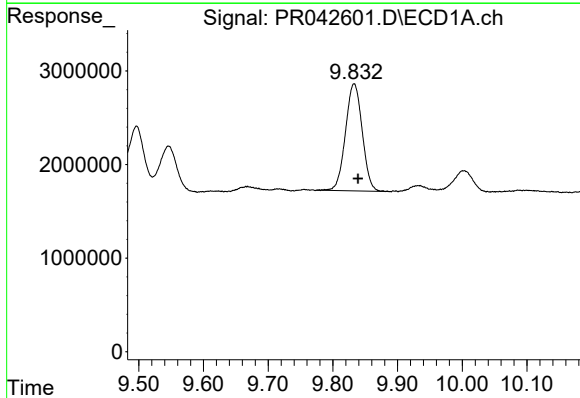
R.T.: 9.375 min
Delta R.T.: -0.006 min
Response: 41597425
Conc: 105.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



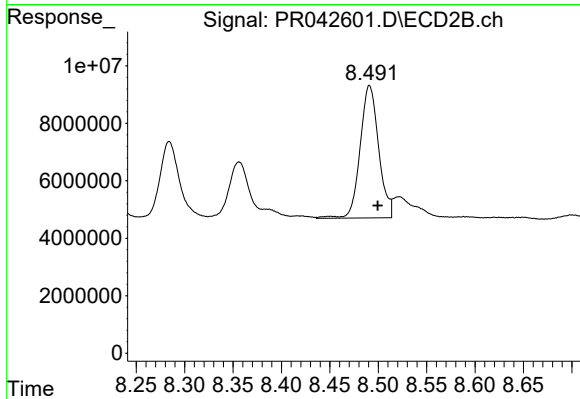
#43 AR-1268-3

R.T.: 8.189 min
Delta R.T.: -0.007 min
Response: 134919490
Conc: 95.96 ng/ml



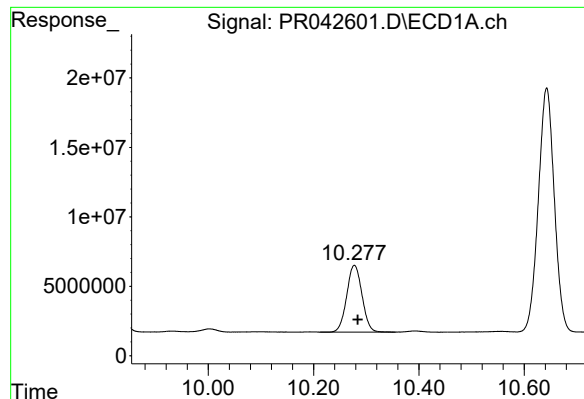
#44 AR-1268-4

R.T.: 9.833 min
Delta R.T.: -0.006 min
Response: 20585217
Conc: 123.75 ng/ml



#44 AR-1268-4

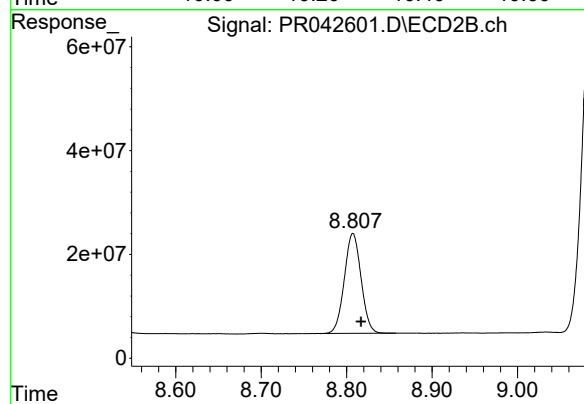
R.T.: 8.491 min
Delta R.T.: -0.008 min
Response: 61376893
Conc: 113.40 ng/ml



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: -0.007 min
Response: 97142101
Conc: 79.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.807 min
Delta R.T.: -0.009 min
Response: 262245439
Conc: 68.65 ng/ml