

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032919\
 Data File : PQ038539.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2019 16:14
 Operator : SM\SJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254396

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 22:41:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 05:45:22 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.721	3.999	83825951	38530891	20.339	22.830
2) SA Decachlor...	10.669	9.124	249.3E6	113.8E6	45.824	48.108
Target Compounds						
3) L1 AR-1016-1	5.901	5.101	1399112	2069655	5.859	19.372 #
4) L1 AR-1016-2	5.927	5.178	2025016	884325	5.578	5.709
5) L1 AR-1016-3	5.927	5.338	2025016	21921435	9.097	273.389 #
6) L1 AR-1016-4	0.000	5.381	0	6558425	N.D.	103.290 #
7) L1 AR-1016-5	6.382	5.600	23712040	1457534	128.461	16.641 #
8) L2 AR-1221-1	0.000	4.308	0	599041	N.D.	25.665 #
9) L2 AR-1221-2	0.000	4.308	0	599041	N.D.	35.984 #
12) L3 AR-1232-2	0.000	5.178	0	884325	N.D.	19.814 #
13) L3 AR-1232-3	5.927	5.338	2025016	21921435	19.080	911.079 #
14) L3 AR-1232-4	0.000	5.414	0	1515756	N.D.	67.111 #
15) L3 AR-1232-5	6.174	5.600	38944745	1457534	957.242	60.218 #
16) L4 AR-1242-1	5.901	5.101	1399112	2069655	9.141	29.392 #
17) L4 AR-1242-2	5.927	5.178	2025016	884325	8.863	8.777
18) L4 AR-1242-3	0.000	5.338	0	21921435	N.D.	409.486 #
19) L4 AR-1242-4	0.000	5.414	0	1515756	N.D.	27.925 #
20) L4 AR-1242-5	6.830	5.953	22224107	6040129	167.314	82.169 #
21) L5 AR-1248-1	5.901	5.101	1399112	2069655	13.004	41.244 #
22) L5 AR-1248-2	6.174	5.381	38944745	6558425	238.896	92.036 #
23) L5 AR-1248-3	6.382	5.414	23712040	1515756	129.653	20.692 #
24) L5 AR-1248-4	6.787	5.600	33904233	1457534	161.711	16.119 #
25) L5 AR-1248-5	6.830	5.998	22224107	15411586	110.267	171.777 #
26) L6 AR-1254-1	6.761	5.953	75182976	6040129	313.088	37.568 #
27) L6 AR-1254-2	6.979	6.110	117.2E6	-29554833	310.659	N.D. #
28) L6 AR-1254-3	7.350	6.519	126.9E6	7768335	312.488	32.310 #
29) L6 AR-1254-4	7.635	6.693	88903027	60380383	315.836	389.626
30) L6 AR-1254-5	8.056	7.114	106.5E6	72492283	329.945	357.589
31) L7 AR-1260-1	7.513	6.645	50546632	5753687	118.804	28.142 #
32) L7 AR-1260-2	7.768	6.835	56585347	1738161	110.227	6.786 #
33) L7 AR-1260-3	8.121	7.013	14954060	23850264	38.658	99.699 #
34) L7 AR-1260-4	8.362	7.455	44095095	18200272	96.670	91.950
35) L7 AR-1260-5	8.712	7.687	17195088	2305792	18.158	4.690 #
36) L8 AR-1262-1	8.121	7.187	14954060	7504137	37.725	34.850
37) L8 AR-1262-2	8.712	7.687	17195088	2305792	24.106	5.918 #
38) L8 AR-1262-3	9.067	8.002	11514171	8096787	24.055	54.383 #
39) L8 AR-1262-4	9.120	8.002	2504931	8096787	6.619	28.406 #
40) L8 AR-1262-5	0.000	8.523	0	1406077	N.D.	11.896 #
41) L9 AR-1268-1	9.067	8.002	11514171	8096787	7.262	10.111 #
42) L9 AR-1268-2	9.120	8.002	2504931	8096787	1.724	11.155 #
43) L9 AR-1268-3	0.000	8.259	0	507922	N.D.	0.807 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	8.523	0	1406077	N.D.	5.972 #
45) L9	AR-1268-5	0.000	8.840	0	802837	N.D.	0.417 #

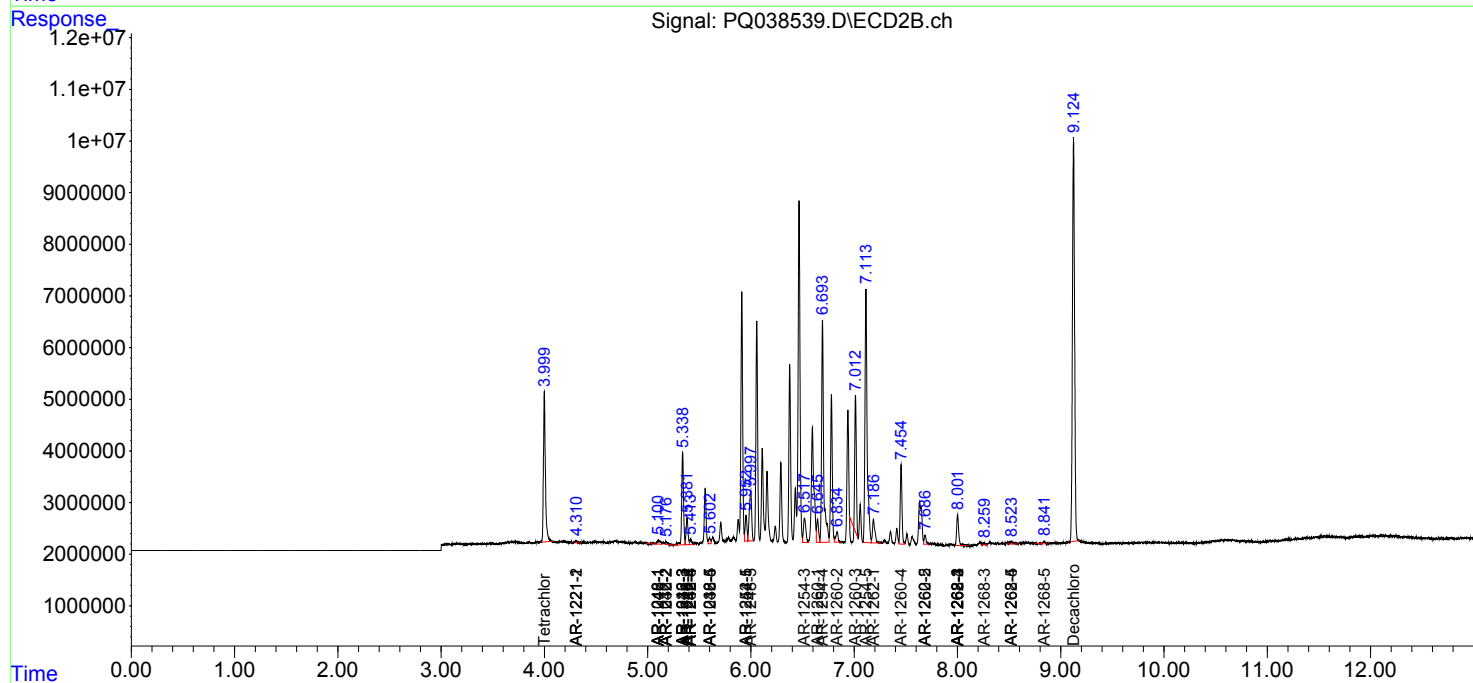
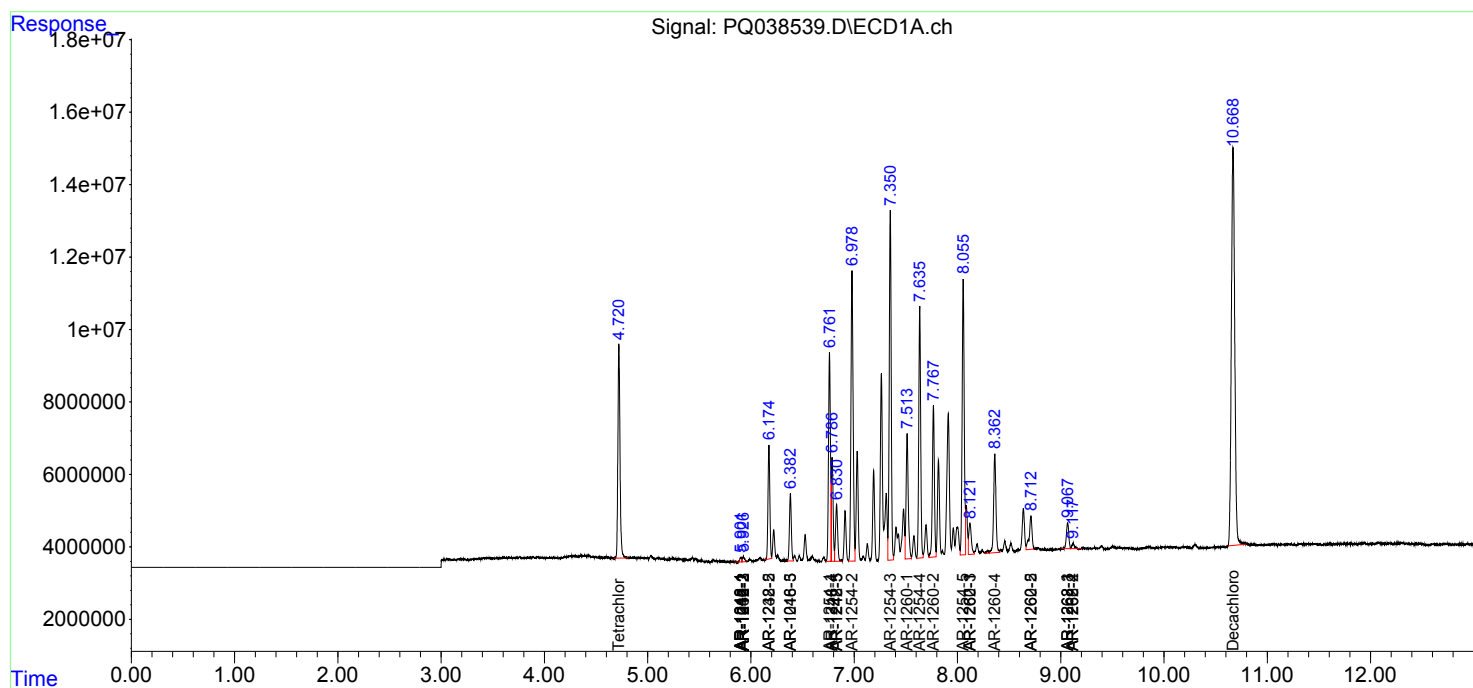
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

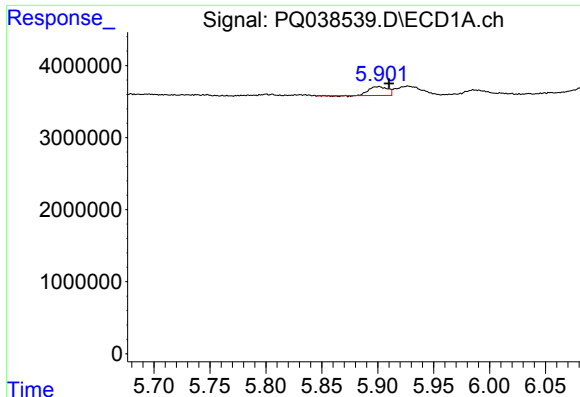
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032919\
Data File : PQ038539.D
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

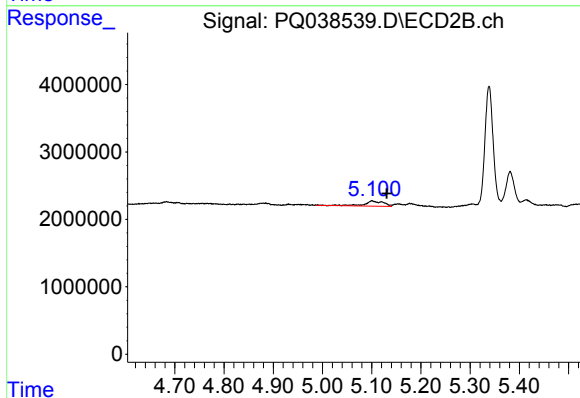




#3 AR-1016-1

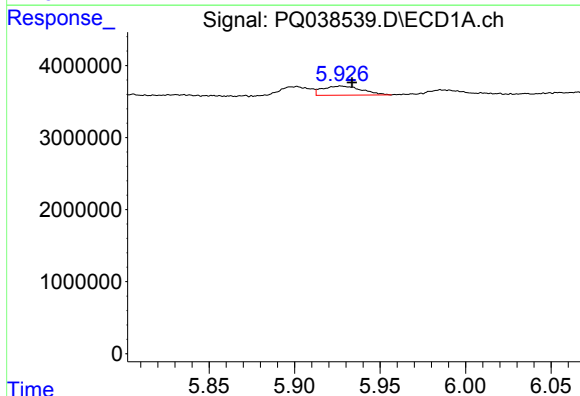
R.T.: 5.901 min
Delta R.T.: -0.009 min
Response: 1399112
Conc: 5.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



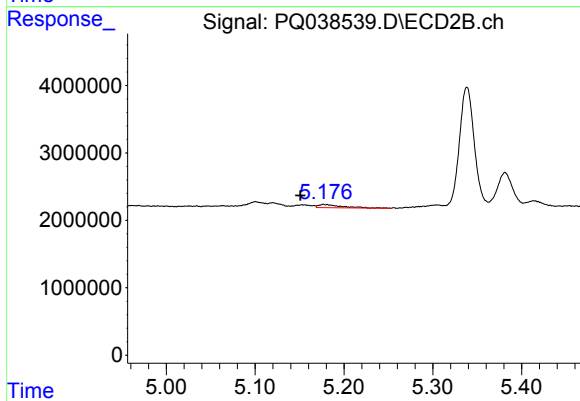
#3 AR-1016-1

R.T.: 5.101 min
Delta R.T.: -0.030 min
Response: 2069655
Conc: 19.37 ng/ml



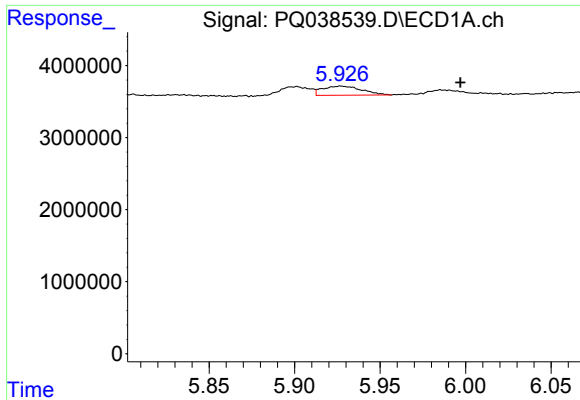
#4 AR-1016-2

R.T.: 5.927 min
Delta R.T.: -0.006 min
Response: 2025016
Conc: 5.58 ng/ml



#4 AR-1016-2

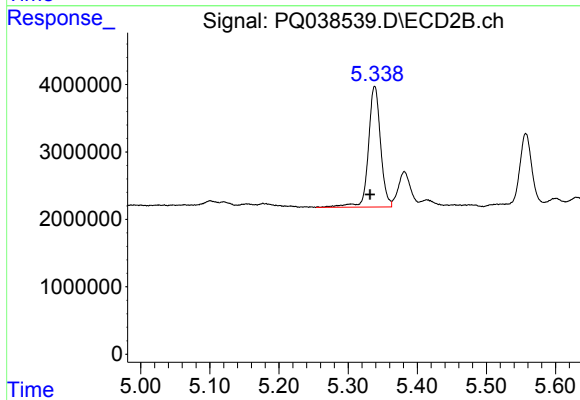
R.T.: 5.178 min
Delta R.T.: 0.027 min
Response: 884325
Conc: 5.71 ng/ml



#5 AR-1016-3

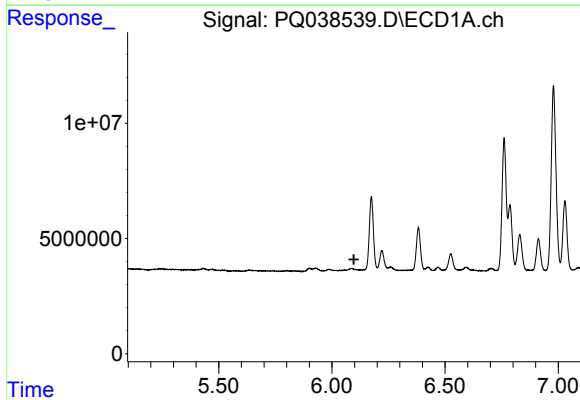
R.T.: 5.927 min
Delta R.T.: -0.070 min
Response: 2025016
Conc: 9.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



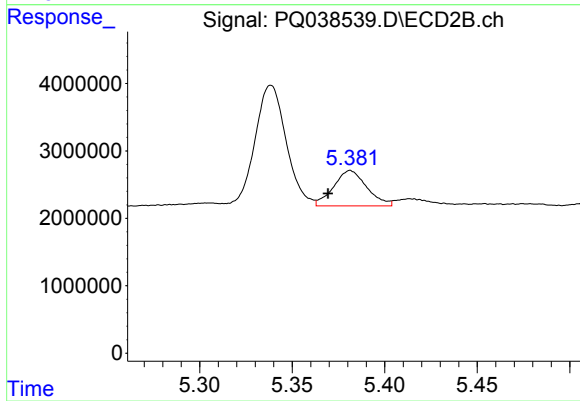
#5 AR-1016-3

R.T.: 5.338 min
Delta R.T.: 0.007 min
Response: 21921435
Conc: 273.39 ng/ml



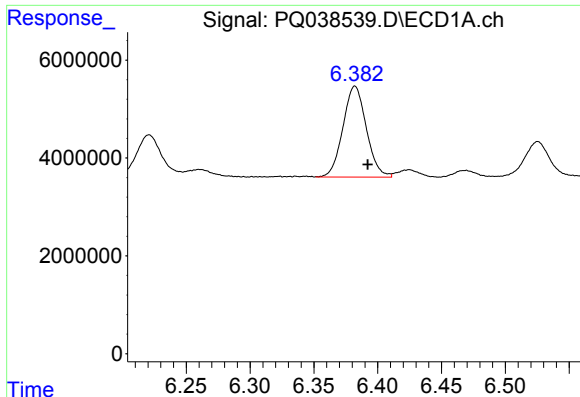
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



#6 AR-1016-4

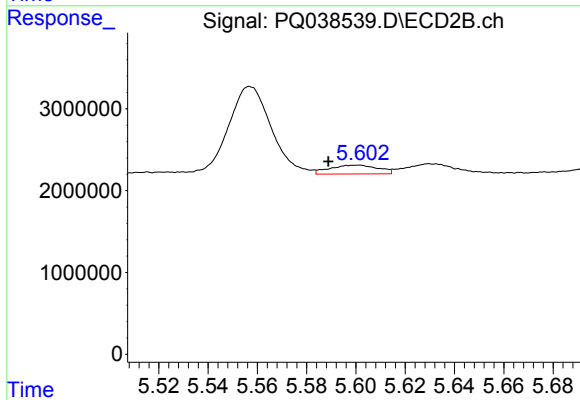
R.T.: 5.381 min
Delta R.T.: 0.012 min
Response: 6558425
Conc: 103.29 ng/ml



#7 AR-1016-5

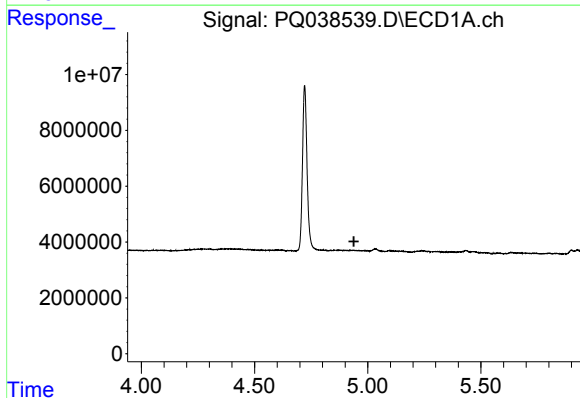
R.T.: 6.382 min
Delta R.T.: -0.010 min
Response: 23712040
Conc: 128.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



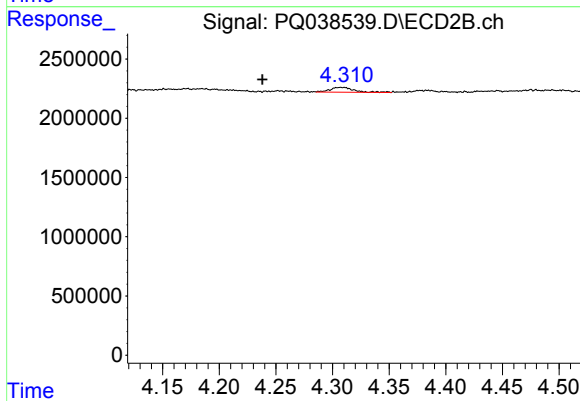
#7 AR-1016-5

R.T.: 5.600 min
Delta R.T.: 0.011 min
Response: 1457534
Conc: 16.64 ng/ml



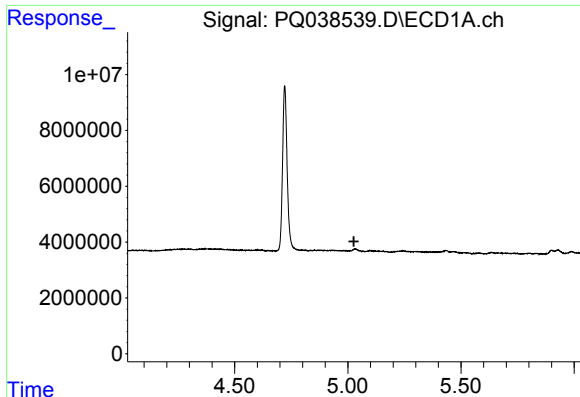
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.939 min
Response: 0
Conc: N.D.



#8 AR-1221-1

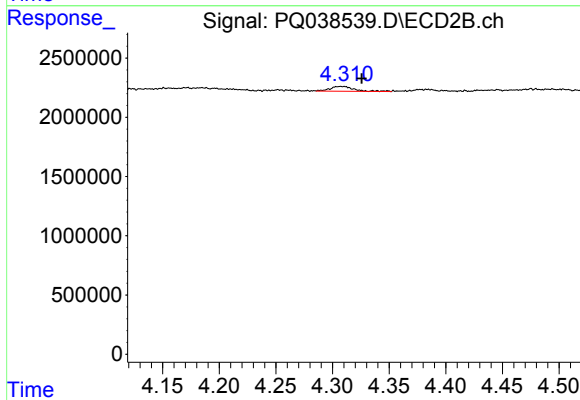
R.T.: 4.308 min
Delta R.T.: 0.070 min
Response: 599041
Conc: 25.66 ng/ml



#9 AR-1221-2

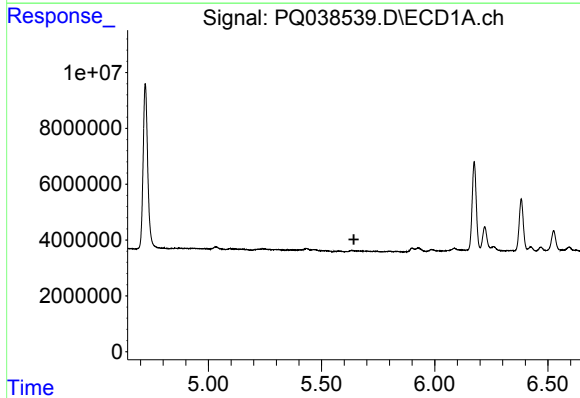
R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254396



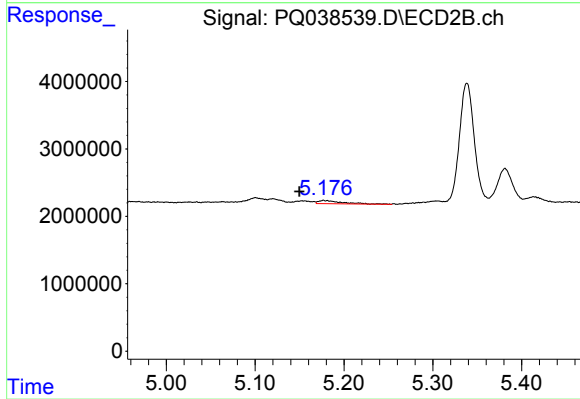
#9 AR-1221-2

R.T.: 4.308 min
Delta R.T.: -0.018 min
Response: 599041
Conc: 35.98 ng/ml



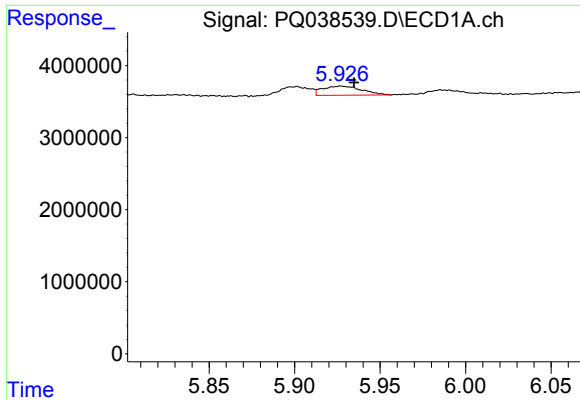
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.643 min
Response: 0
Conc: N.D.



#12 AR-1232-2

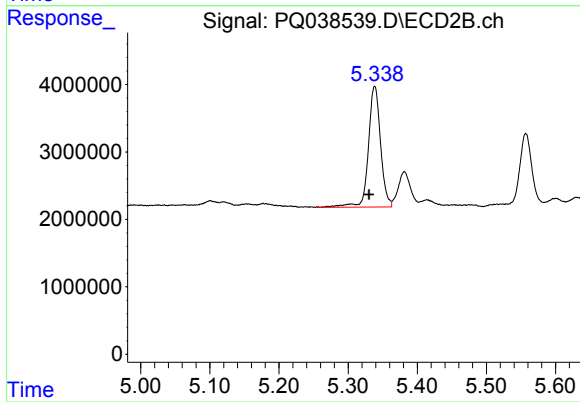
R.T.: 5.178 min
Delta R.T.: 0.028 min
Response: 884325
Conc: 19.81 ng/ml



#13 AR-1232-3

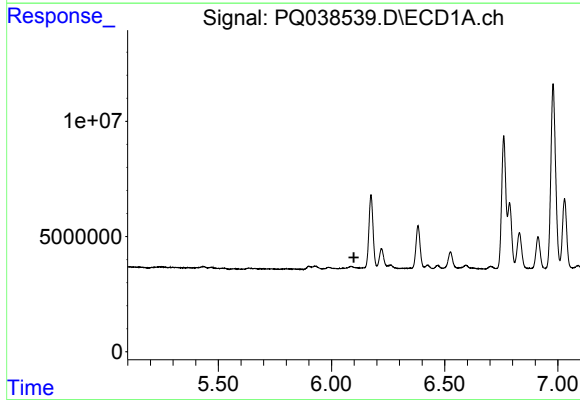
R.T.: 5.927 min
Delta R.T.: -0.008 min
Response: 2025016
Conc: 19.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



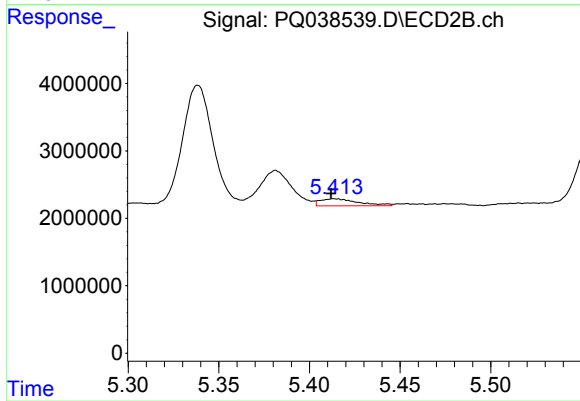
#13 AR-1232-3

R.T.: 5.338 min
Delta R.T.: 0.008 min
Response: 21921435
Conc: 911.08 ng/ml



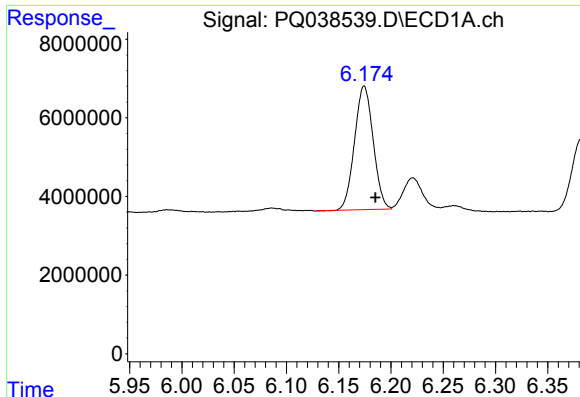
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.099 min
Response: 0
Conc: N.D.



#14 AR-1232-4

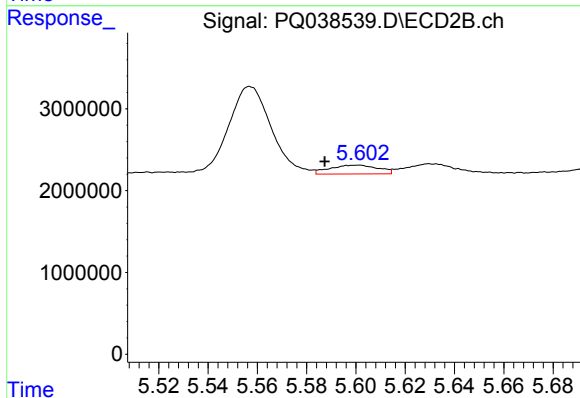
R.T.: 5.414 min
Delta R.T.: 0.002 min
Response: 1515756
Conc: 67.11 ng/ml



#15 AR-1232-5

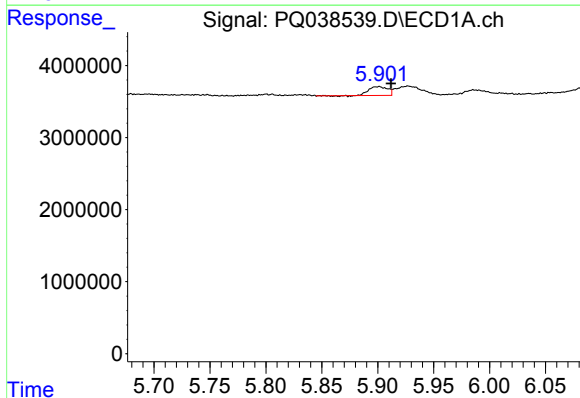
R.T.: 6.174 min
Delta R.T.: -0.011 min
Response: 38944745
Conc: 957.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



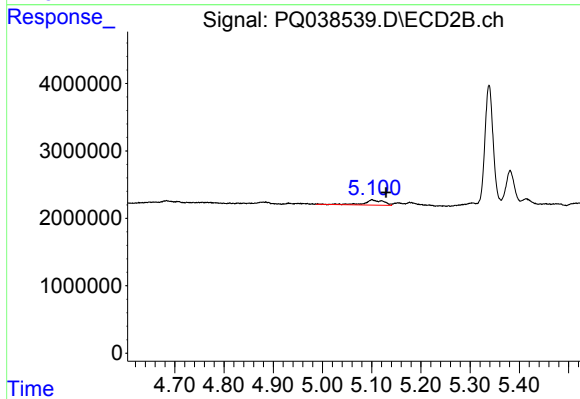
#15 AR-1232-5

R.T.: 5.600 min
Delta R.T.: 0.013 min
Response: 1457534
Conc: 60.22 ng/ml



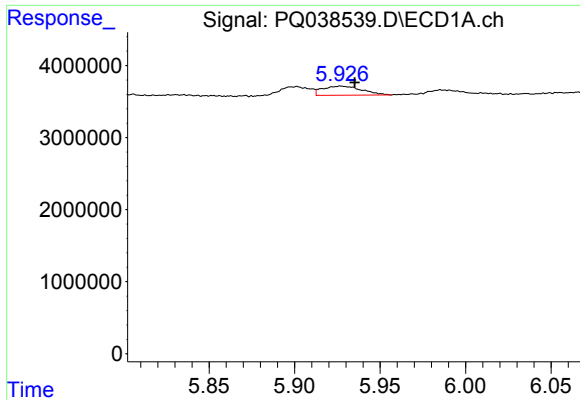
#16 AR-1242-1

R.T.: 5.901 min
Delta R.T.: -0.011 min
Response: 1399112
Conc: 9.14 ng/ml



#16 AR-1242-1

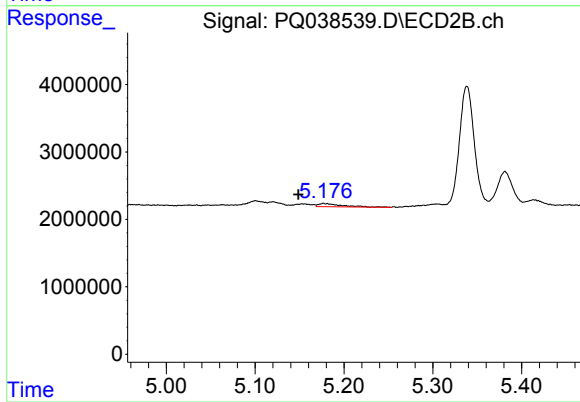
R.T.: 5.101 min
Delta R.T.: -0.028 min
Response: 2069655
Conc: 29.39 ng/ml



#17 AR-1242-2

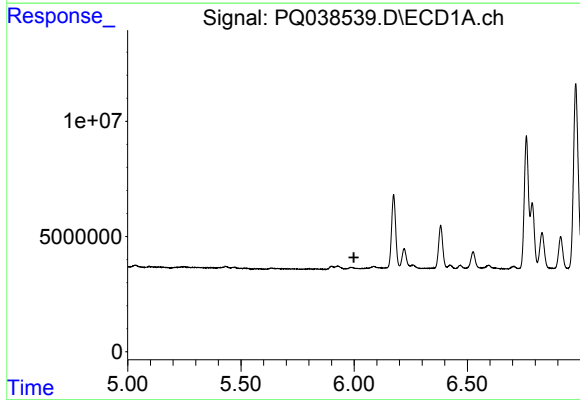
R.T.: 5.927 min
Delta R.T.: -0.008 min
Response: 2025016
Conc: 8.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



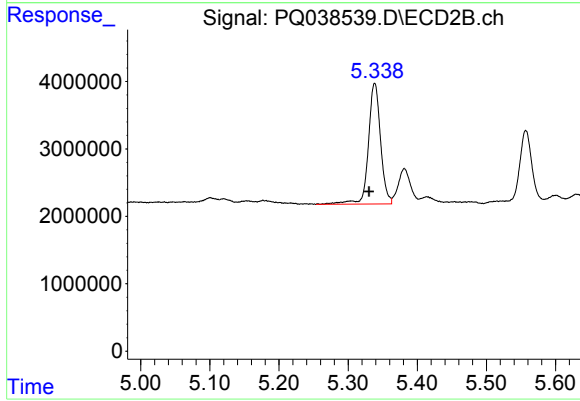
#17 AR-1242-2

R.T.: 5.178 min
Delta R.T.: 0.029 min
Response: 884325
Conc: 8.78 ng/ml



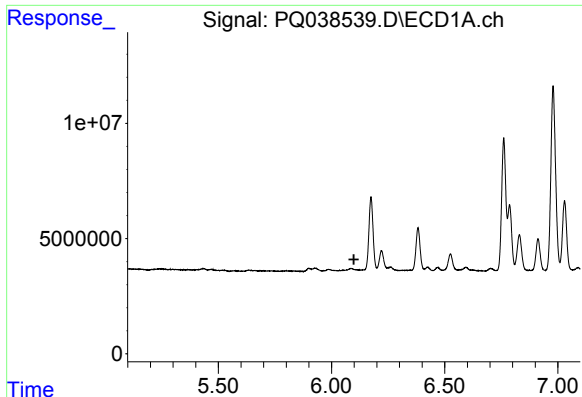
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.999 min
Response: 0
Conc: N.D.



#18 AR-1242-3

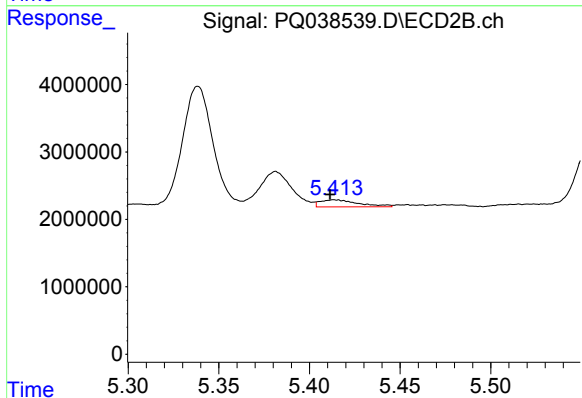
R.T.: 5.338 min
Delta R.T.: 0.008 min
Response: 21921435
Conc: 409.49 ng/ml



#19 AR-1242-4

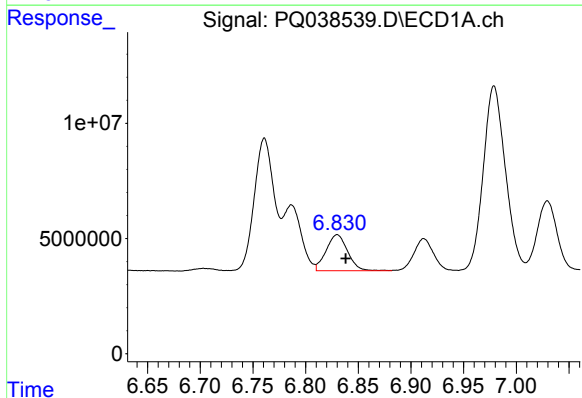
R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254396



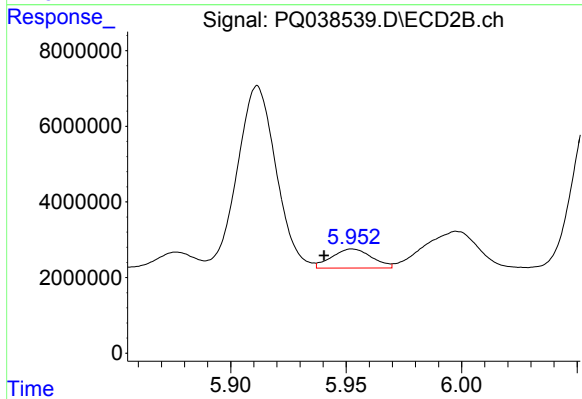
#19 AR-1242-4

R.T.: 5.414 min
Delta R.T.: 0.003 min
Response: 1515756
Conc: 27.92 ng/ml



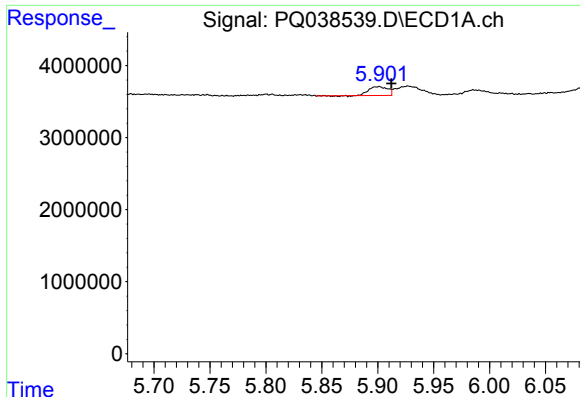
#20 AR-1242-5

R.T.: 6.830 min
Delta R.T.: -0.008 min
Response: 22224107
Conc: 167.31 ng/ml



#20 AR-1242-5

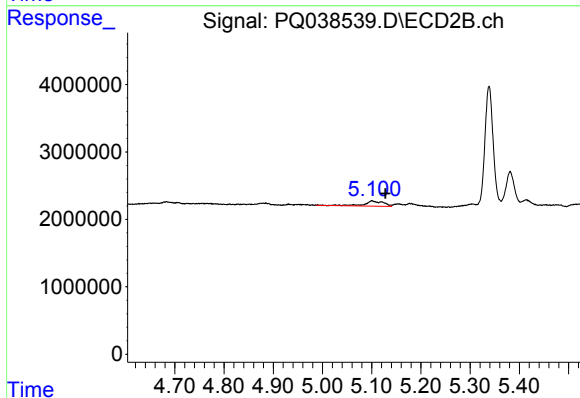
R.T.: 5.953 min
Delta R.T.: 0.012 min
Response: 6040129
Conc: 82.17 ng/ml



#21 AR-1248-1

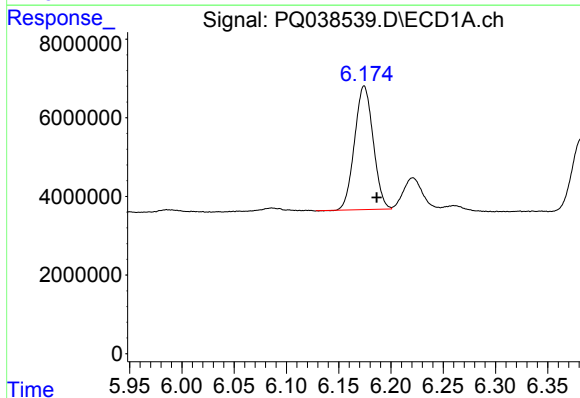
R.T.: 5.901 min
Delta R.T.: -0.011 min
Response: 1399112
Conc: 13.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



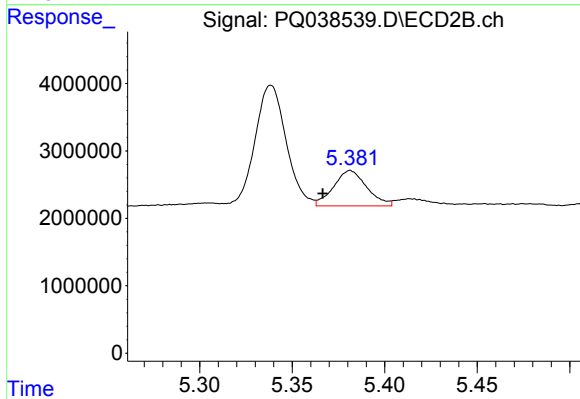
#21 AR-1248-1

R.T.: 5.101 min
Delta R.T.: -0.027 min
Response: 2069655
Conc: 41.24 ng/ml



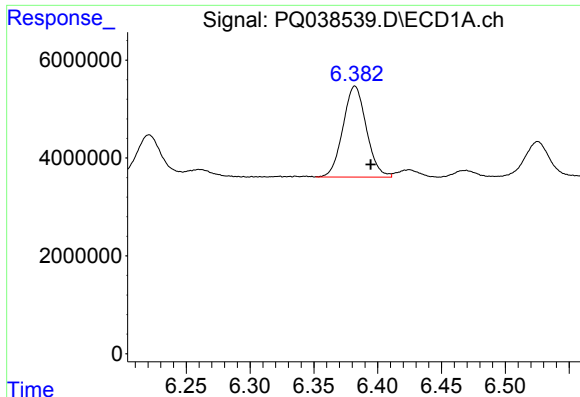
#22 AR-1248-2

R.T.: 6.174 min
Delta R.T.: -0.012 min
Response: 38944745
Conc: 238.90 ng/ml



#22 AR-1248-2

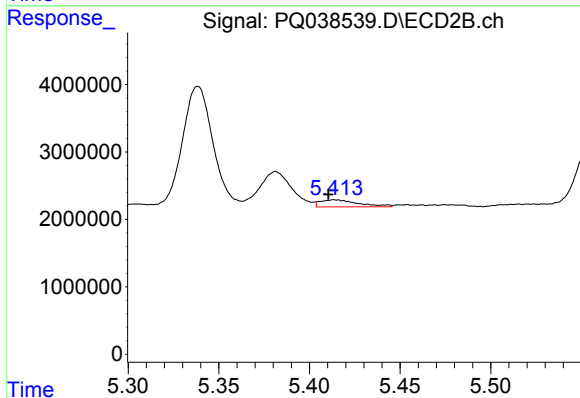
R.T.: 5.381 min
Delta R.T.: 0.015 min
Response: 6558425
Conc: 92.04 ng/ml



#23 AR-1248-3

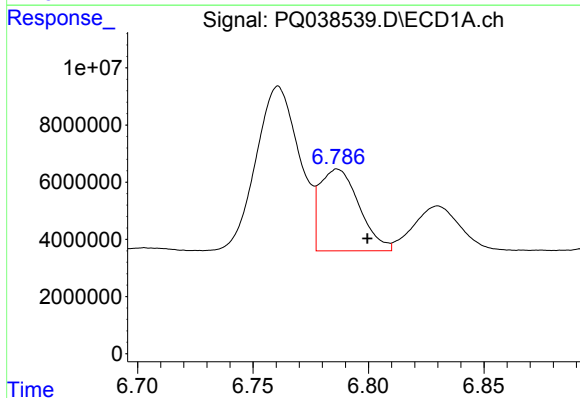
R.T.: 6.382 min
Delta R.T.: -0.012 min
Response: 23712040
Conc: 129.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



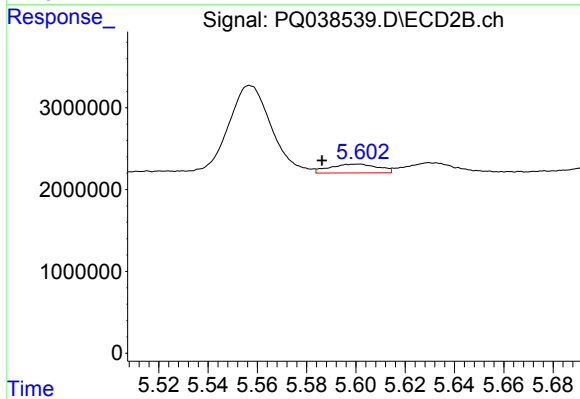
#23 AR-1248-3

R.T.: 5.414 min
Delta R.T.: 0.004 min
Response: 1515756
Conc: 20.69 ng/ml



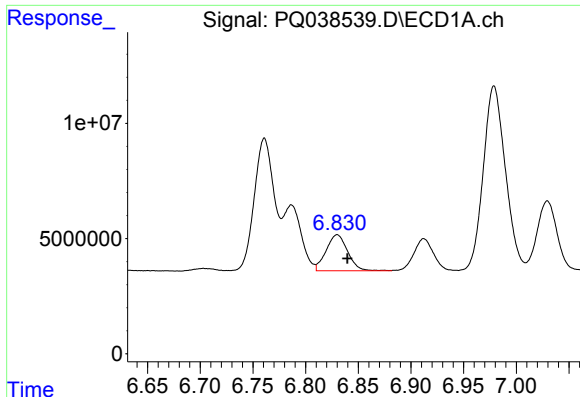
#24 AR-1248-4

R.T.: 6.787 min
Delta R.T.: -0.013 min
Response: 33904233
Conc: 161.71 ng/ml



#24 AR-1248-4

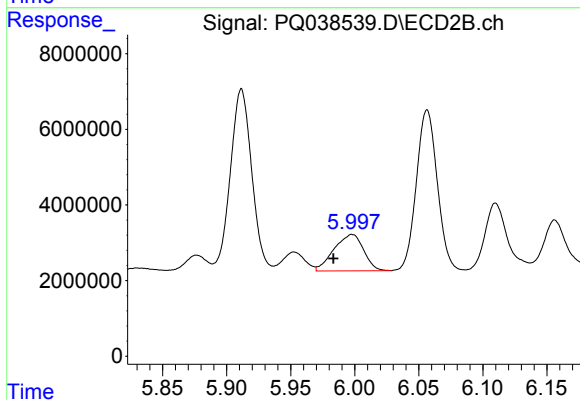
R.T.: 5.600 min
Delta R.T.: 0.014 min
Response: 1457534
Conc: 16.12 ng/ml



#25 AR-1248-5

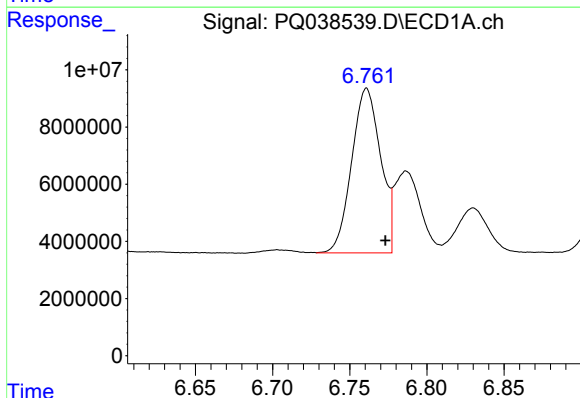
R.T.: 6.830 min
Delta R.T.: -0.010 min
Response: 22224107
Conc: 110.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



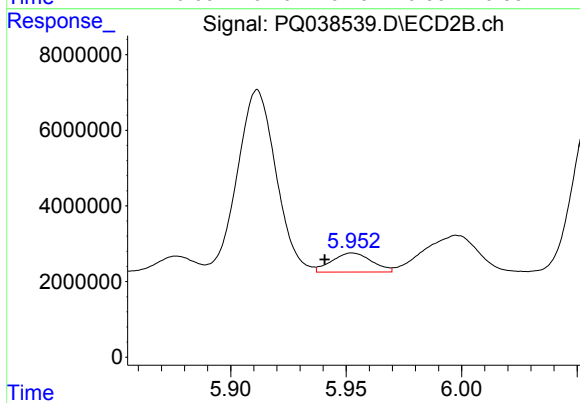
#25 AR-1248-5

R.T.: 5.998 min
Delta R.T.: 0.014 min
Response: 15411586
Conc: 171.78 ng/ml



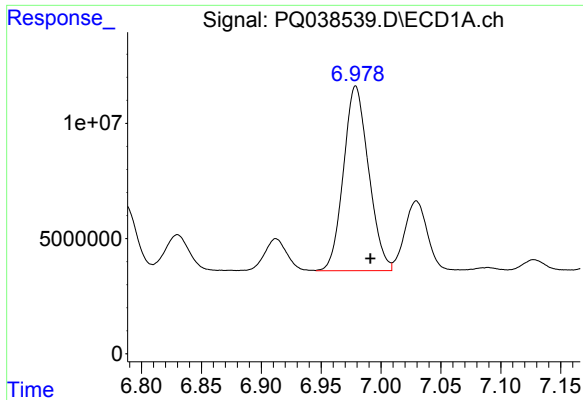
#26 AR-1254-1

R.T.: 6.761 min
Delta R.T.: -0.012 min
Response: 75182976
Conc: 313.09 ng/ml



#26 AR-1254-1

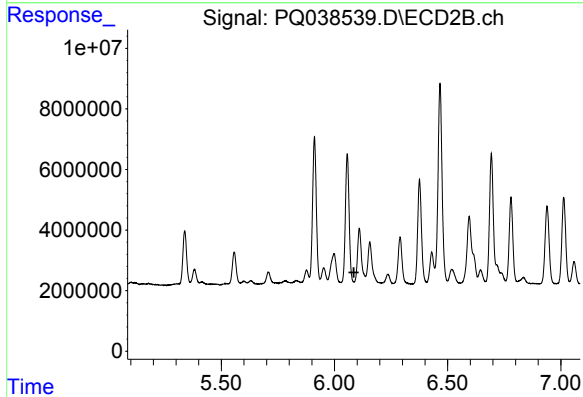
R.T.: 5.953 min
Delta R.T.: 0.012 min
Response: 6040129
Conc: 37.57 ng/ml



#27 AR-1254-2

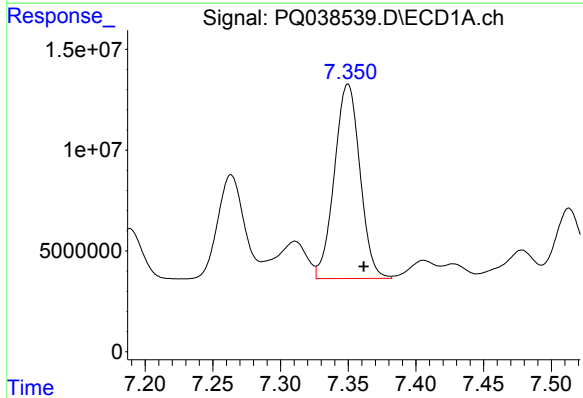
R.T.: 6.979 min
Delta R.T.: -0.012 min
Response: 117163741
Conc: 310.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



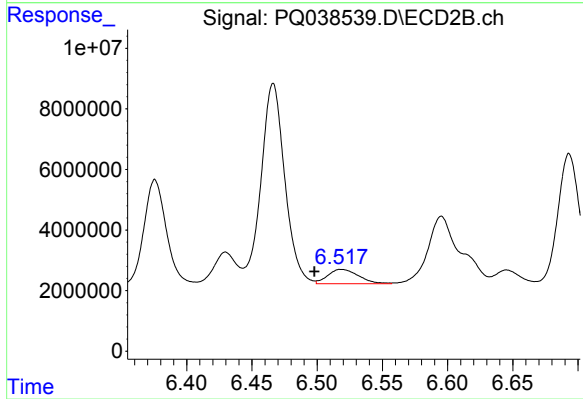
#27 AR-1254-2

R.T.: 6.110 min
Delta R.T.: 0.024 min
Response: -29554833
Conc: N.D.



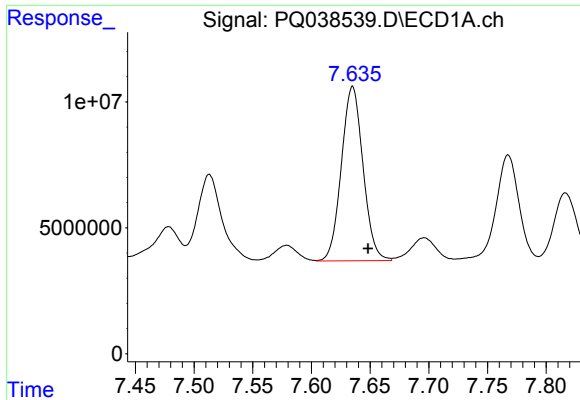
#28 AR-1254-3

R.T.: 7.350 min
Delta R.T.: -0.012 min
Response: 126864846
Conc: 312.49 ng/ml



#28 AR-1254-3

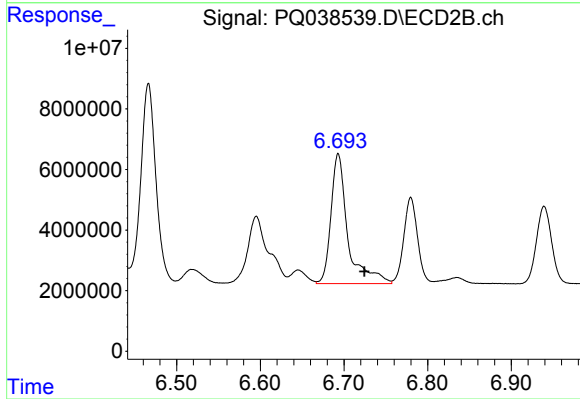
R.T.: 6.519 min
Delta R.T.: 0.021 min
Response: 7768335
Conc: 32.31 ng/ml



#29 AR-1254-4

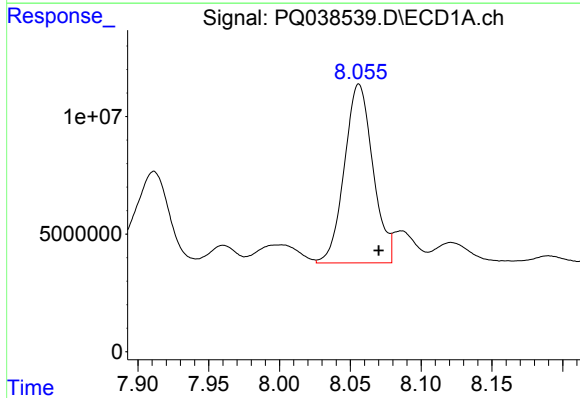
R.T.: 7.635 min
Delta R.T.: -0.013 min
Response: 88903027
Conc: 315.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



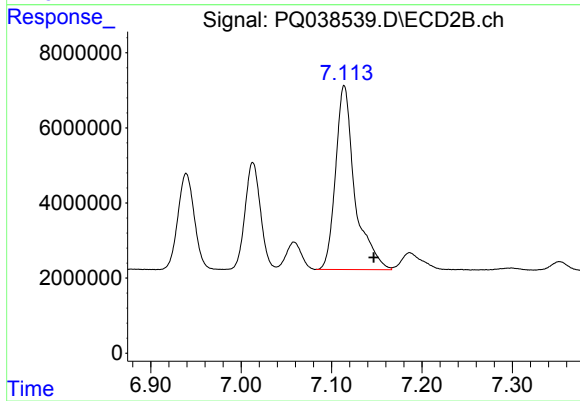
#29 AR-1254-4

R.T.: 6.693 min
Delta R.T.: -0.031 min
Response: 60380383
Conc: 389.63 ng/ml



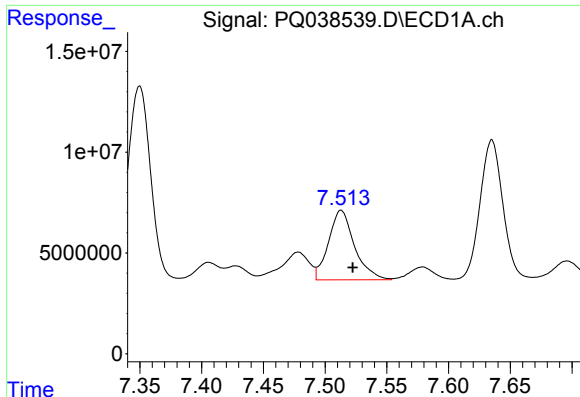
#30 AR-1254-5

R.T.: 8.056 min
Delta R.T.: -0.014 min
Response: 106501270
Conc: 329.94 ng/ml



#30 AR-1254-5

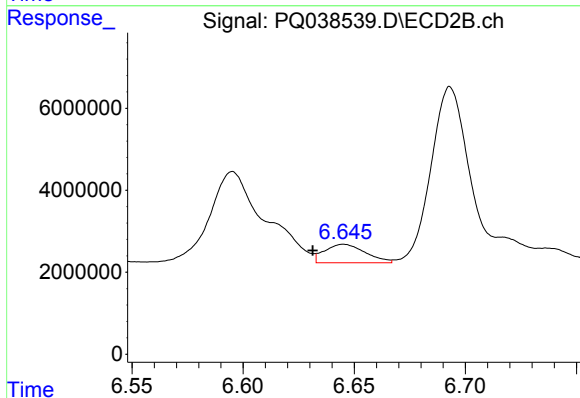
R.T.: 7.114 min
Delta R.T.: -0.033 min
Response: 72492283
Conc: 357.59 ng/ml



#31 AR-1260-1

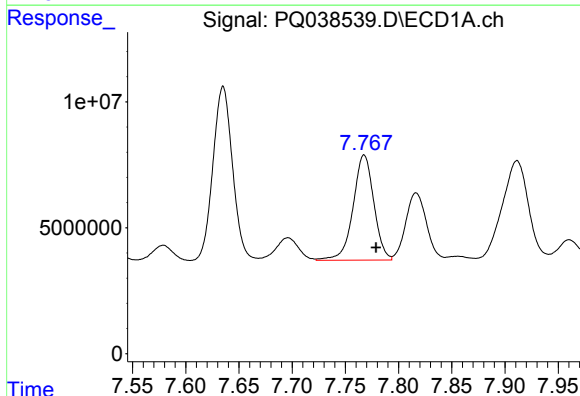
R.T.: 7.513 min
Delta R.T.: -0.009 min
Response: 50546632
Conc: 118.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



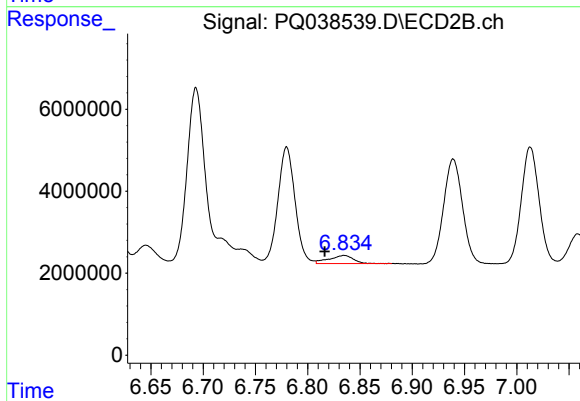
#31 AR-1260-1

R.T.: 6.645 min
Delta R.T.: 0.014 min
Response: 5753687
Conc: 28.14 ng/ml



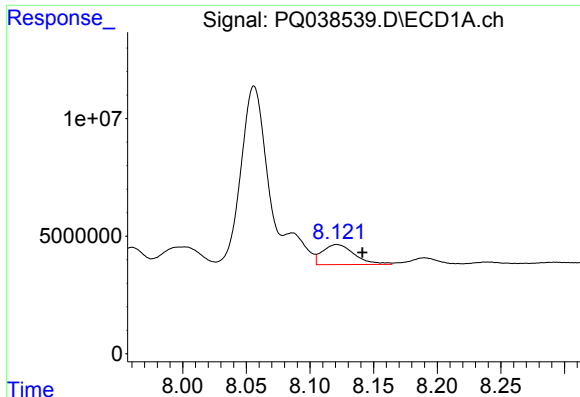
#32 AR-1260-2

R.T.: 7.768 min
Delta R.T.: -0.011 min
Response: 56585347
Conc: 110.23 ng/ml



#32 AR-1260-2

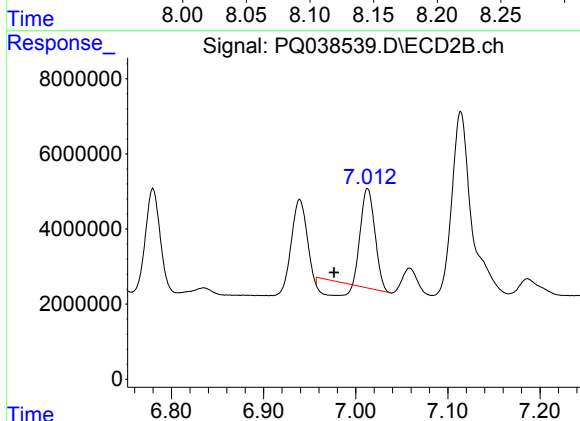
R.T.: 6.835 min
Delta R.T.: 0.018 min
Response: 1738161
Conc: 6.79 ng/ml



#33 AR-1260-3

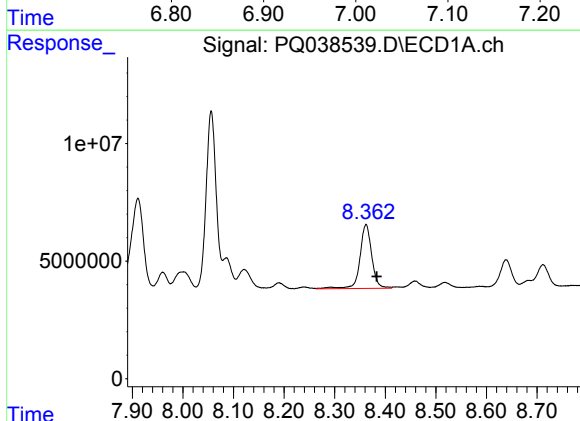
R.T.: 8.121 min
Delta R.T.: -0.020 min
Response: 14954060
Conc: 38.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



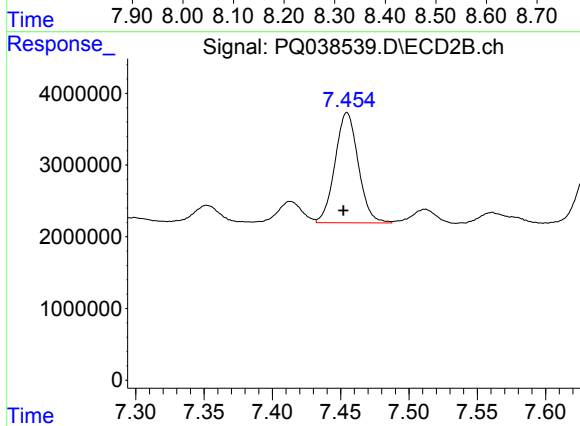
#33 AR-1260-3

R.T.: 7.013 min
Delta R.T.: 0.037 min
Response: 23850264
Conc: 99.70 ng/ml



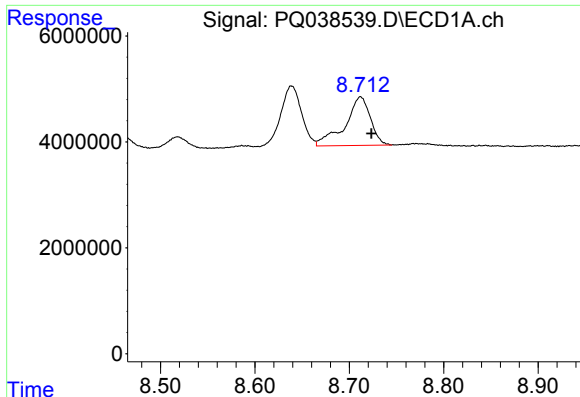
#34 AR-1260-4

R.T.: 8.362 min
Delta R.T.: -0.021 min
Response: 44095095
Conc: 96.67 ng/ml



#34 AR-1260-4

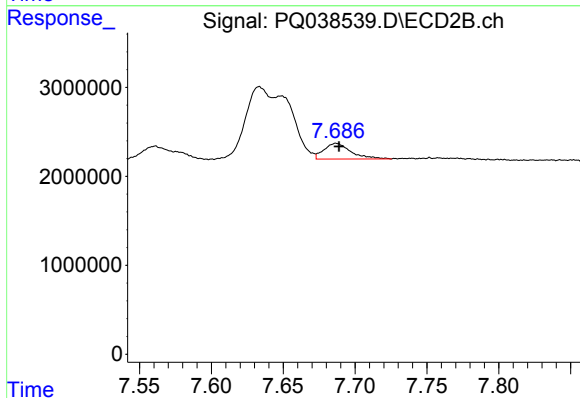
R.T.: 7.455 min
Delta R.T.: 0.003 min
Response: 18200272
Conc: 91.95 ng/ml



#35 AR-1260-5

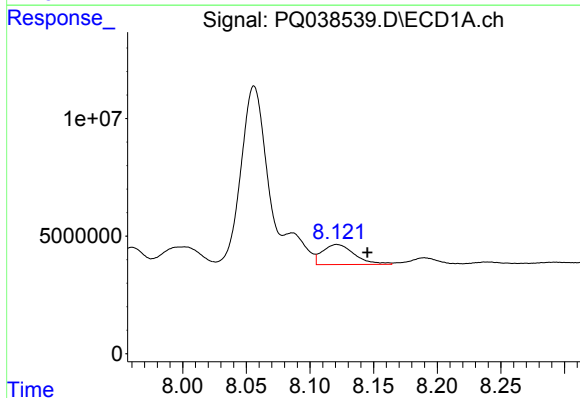
R.T.: 8.712 min
Delta R.T.: -0.011 min
Response: 17195088
Conc: 18.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



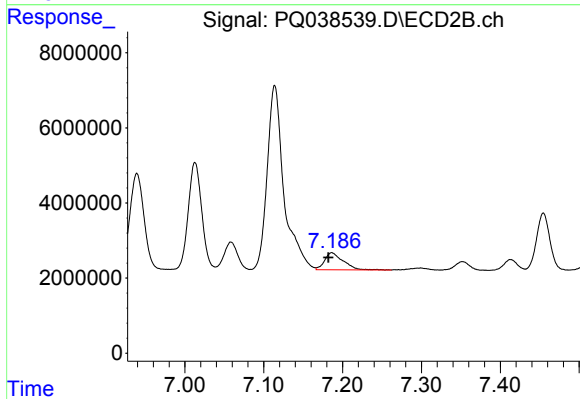
#35 AR-1260-5

R.T.: 7.687 min
Delta R.T.: -0.002 min
Response: 2305792
Conc: 4.69 ng/ml



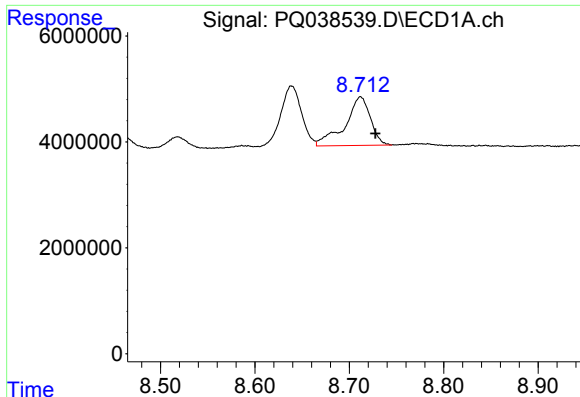
#36 AR-1262-1

R.T.: 8.121 min
Delta R.T.: -0.024 min
Response: 14954060
Conc: 37.73 ng/ml



#36 AR-1262-1

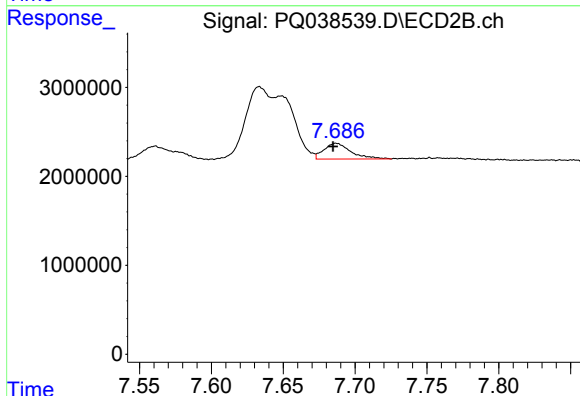
R.T.: 7.187 min
Delta R.T.: 0.005 min
Response: 7504137
Conc: 34.85 ng/ml



#37 AR-1262-2

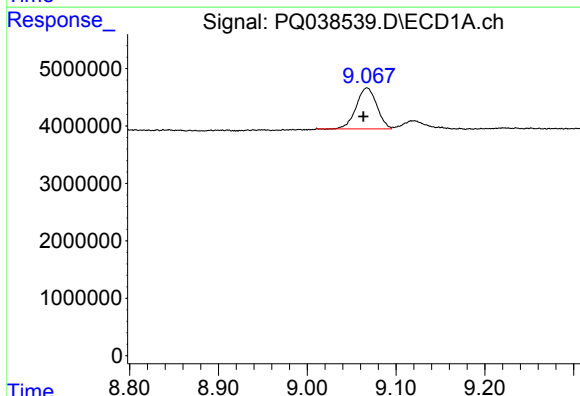
R.T.: 8.712 min
Delta R.T.: -0.016 min
Response: 17195088
Conc: 24.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



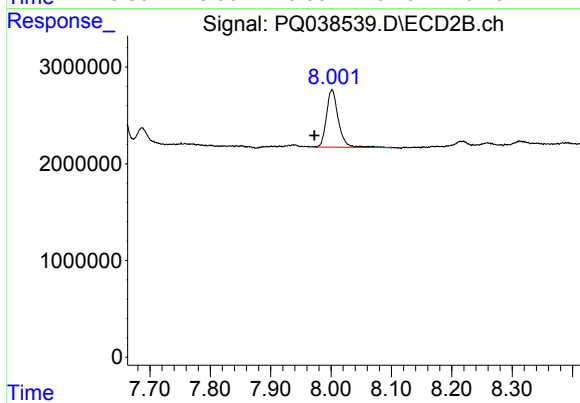
#37 AR-1262-2

R.T.: 7.687 min
Delta R.T.: 0.002 min
Response: 2305792
Conc: 5.92 ng/ml



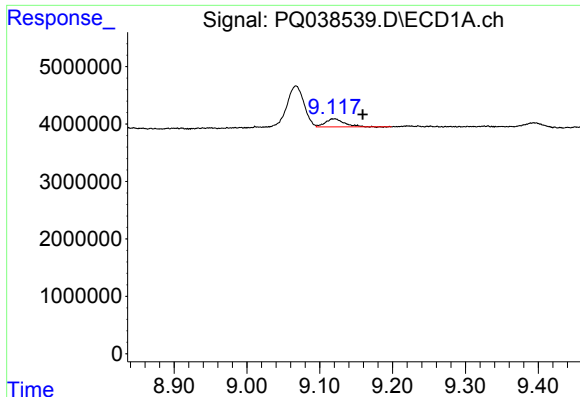
#38 AR-1262-3

R.T.: 9.067 min
Delta R.T.: 0.004 min
Response: 11514171
Conc: 24.06 ng/ml



#38 AR-1262-3

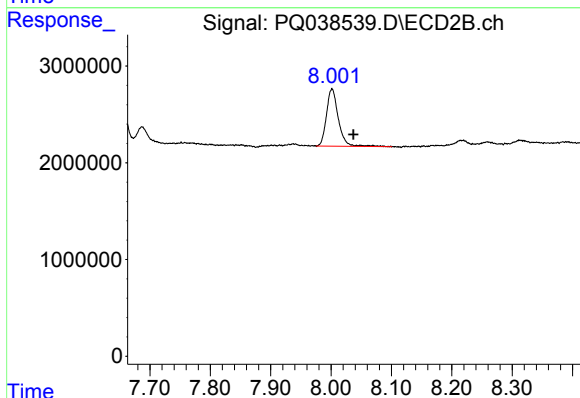
R.T.: 8.002 min
Delta R.T.: 0.029 min
Response: 8096787
Conc: 54.38 ng/ml



#39 AR-1262-4

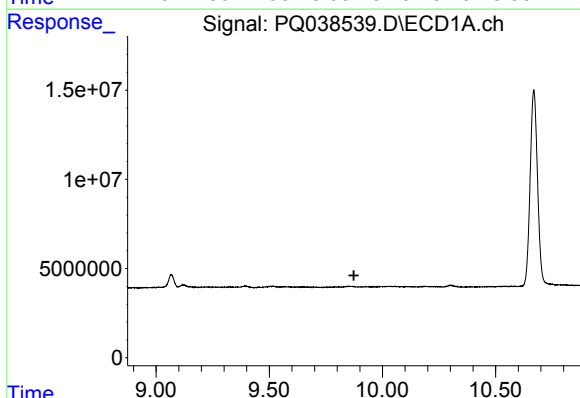
R.T.: 9.120 min
Delta R.T.: -0.039 min
Response: 2504931
Conc: 6.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



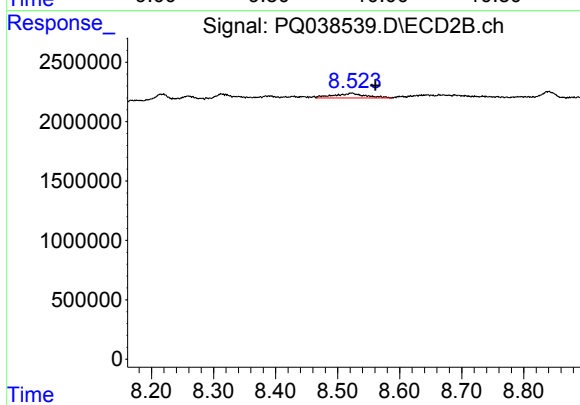
#39 AR-1262-4

R.T.: 8.002 min
Delta R.T.: -0.035 min
Response: 8096787
Conc: 28.41 ng/ml



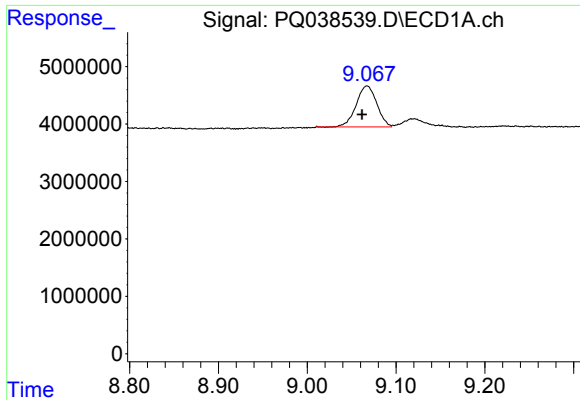
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.874 min
Response: 0
Conc: N.D.



#40 AR-1262-5

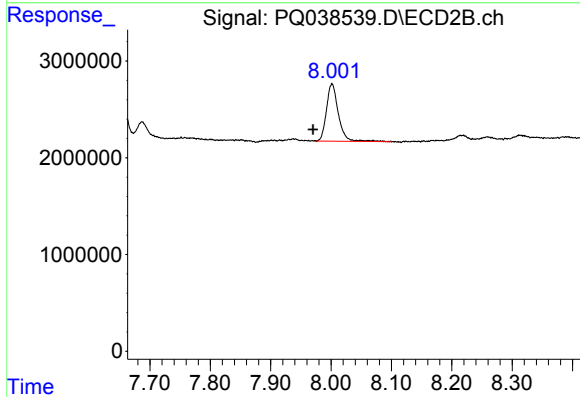
R.T.: 8.523 min
Delta R.T.: -0.038 min
Response: 1406077
Conc: 11.90 ng/ml



#41 AR-1268-1

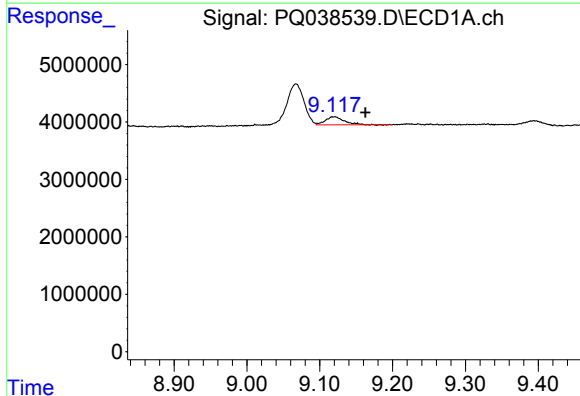
R.T.: 9.067 min
Delta R.T.: 0.006 min
Response: 11514171
Conc: 7.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254396



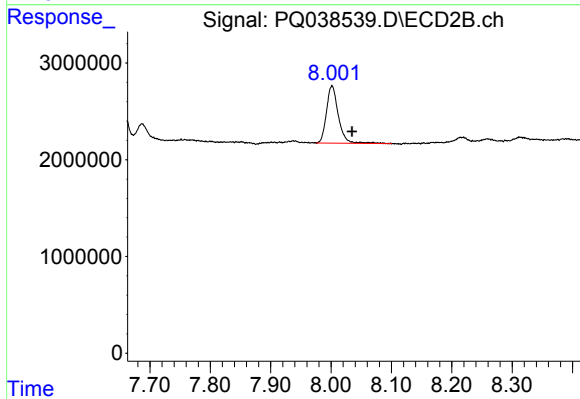
#41 AR-1268-1

R.T.: 8.002 min
Delta R.T.: 0.032 min
Response: 8096787
Conc: 10.11 ng/ml



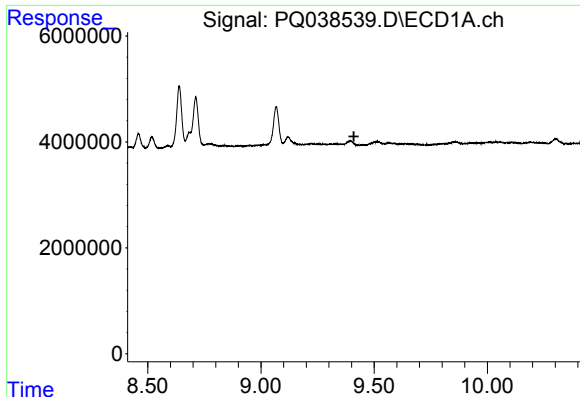
#42 AR-1268-2

R.T.: 9.120 min
Delta R.T.: -0.043 min
Response: 2504931
Conc: 1.72 ng/ml



#42 AR-1268-2

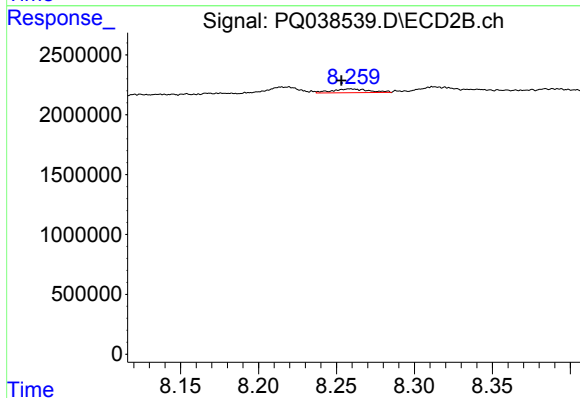
R.T.: 8.002 min
Delta R.T.: -0.033 min
Response: 8096787
Conc: 11.15 ng/ml



#43 AR-1268-3

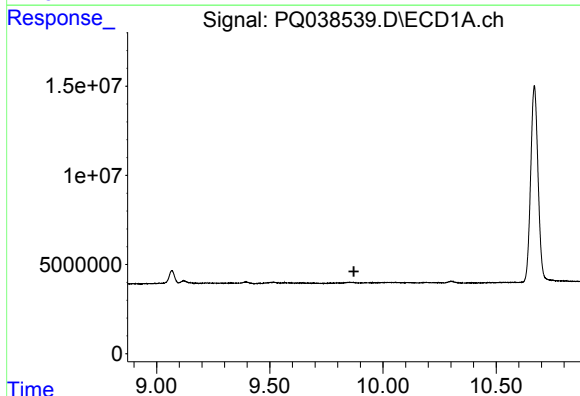
R.T.: 0.000 min
Exp R.T.: 9.410 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254396



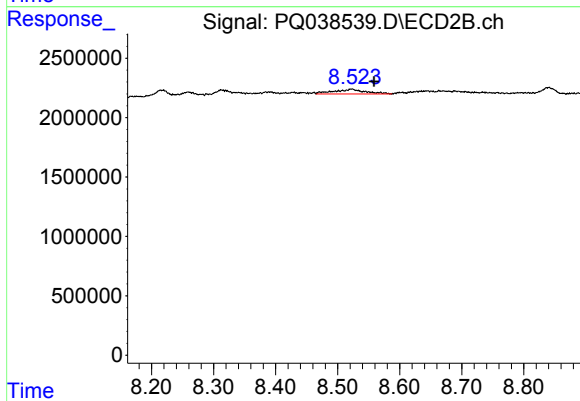
#43 AR-1268-3

R.T.: 8.259 min
Delta R.T.: 0.006 min
Response: 507922
Conc: 0.81 ng/ml



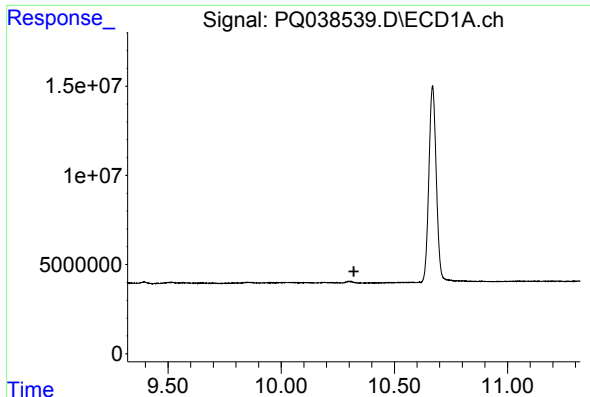
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.871 min
Response: 0
Conc: N.D.



#44 AR-1268-4

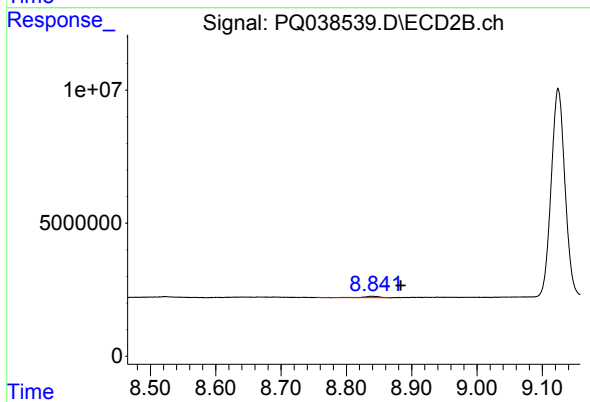
R.T.: 8.523 min
Delta R.T.: -0.036 min
Response: 1406077
Conc: 5.97 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.321 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254396



#45 AR-1268-5

R.T.: 8.840 min
Delta R.T.: -0.043 min
Response: 802837
Conc: 0.42 ng/ml