

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032819\
 Data File : PQ038510.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2019 21:37
 Operator : SM\SJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254394

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 00:57:21 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...	4.718	3.996	84122458	37264067	20.411	22.079
2)	SA Decachlor...	10.667	9.126	240.0E6	115.3E6	44.124	48.714
Target Compounds							
3)	L1 AR-1016-1	5.900	5.122	1674165	554802	7.011	5.193 #
4)	L1 AR-1016-2	5.928	5.154	2448026	402602	6.743	2.599 #
5)	L1 AR-1016-3	5.928	5.338	2448026	21456392	10.998	267.590 #
6)	L1 AR-1016-4	0.000	5.381	0	7086774	N.D.	111.612 #
7)	L1 AR-1016-5	6.381	5.599	26299199	1722070	142.478	19.661 #
8)	L2 AR-1221-1	0.000	4.176	0	1750718	N.D.	75.006 #
9)	L2 AR-1221-2	0.000	4.305	0	963401	N.D.	57.870 #
12)	L3 AR-1232-2	0.000	5.154	0	402602	N.D.	9.021 #
13)	L3 AR-1232-3	5.928	5.338	2448026	21456392	23.066	891.751 #
14)	L3 AR-1232-4	0.000	5.414	0	2082158	N.D.	92.189 #
15)	L3 AR-1232-5	6.173	5.599	40701191	1722070	1000.414	71.147 #
16)	L4 AR-1242-1	5.900	5.122	1674165	554802	10.938	7.879 #
17)	L4 AR-1242-2	5.928	5.154	2448026	402602	10.715	3.996 #
18)	L4 AR-1242-3	0.000	5.338	0	21456392	N.D.	400.800 #
19)	L4 AR-1242-4	0.000	5.414	0	2082158	N.D.	38.360 #
20)	L4 AR-1242-5	6.828	5.953	23774296	6198084	178.984	84.318 #
21)	L5 AR-1248-1	5.900	5.122	1674165	554802	15.561	11.056 #
22)	L5 AR-1248-2	6.173	5.381	40701191	7086774	249.670	99.451 #
23)	L5 AR-1248-3	6.381	5.414	26299199	2082158	143.799	28.424 #
24)	L5 AR-1248-4	6.784	5.599	36564953	1722070	174.402	19.045 #
25)	L5 AR-1248-5	6.828	5.998	23774296	15624314	117.959	174.148 #
26)	L6 AR-1254-1	6.784	5.953	36564953	6198084	152.269	38.550 #
27)	L6 AR-1254-2	6.977	6.110	126.6E6	-413215	335.699	N.D. #
28)	L6 AR-1254-3	7.347	6.519	137.6E6	7566632	338.870	31.471 #
29)	L6 AR-1254-4	7.633	6.694	97983397	64670263	348.094	417.308 #
30)	L6 AR-1254-5	8.084	7.114	16586365	77998416	51.385	384.750 #
31)	L7 AR-1260-1	7.511	6.646	54154562	6062082	127.284	29.650 #
32)	L7 AR-1260-2	7.766	6.836	61721333	2504479	120.232	9.777 #
33)	L7 AR-1260-3	8.119	7.014	15072690	33905981	38.965	141.734 #
34)	L7 AR-1260-4	8.360	7.455	44037428	19111736	96.544	96.555 #
35)	L7 AR-1260-5	8.710	7.687	18336949	2456887	19.364	4.997 #
36)	L8 AR-1262-1	8.119	7.187	15072690	7336414	38.024	34.071 #
37)	L8 AR-1262-2	8.710	7.687	18336949	2456887	25.707	6.306 #
38)	L8 AR-1262-3	9.066	8.002	12606994	8277839	26.339	55.599 #
39)	L8 AR-1262-4	9.115	8.002	3761168	8277839	9.938	29.041 #
40)	L8 AR-1262-5	0.000	8.522	0	428103	N.D.	3.622 #
41)	L9 AR-1268-1	9.066	8.002	12606994	8277839	7.951	10.338 #
42)	L9 AR-1268-2	9.115	8.002	3761168	8277839	2.588	11.404 #
43)	L9 AR-1268-3	9.392	8.262	2950376	305560	2.289	0.486 #

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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	8.522	0	428103	N.D.	1.818 #
45) L9	AR-1268-5	10.298	8.901	2381879	842595	0.553	0.438

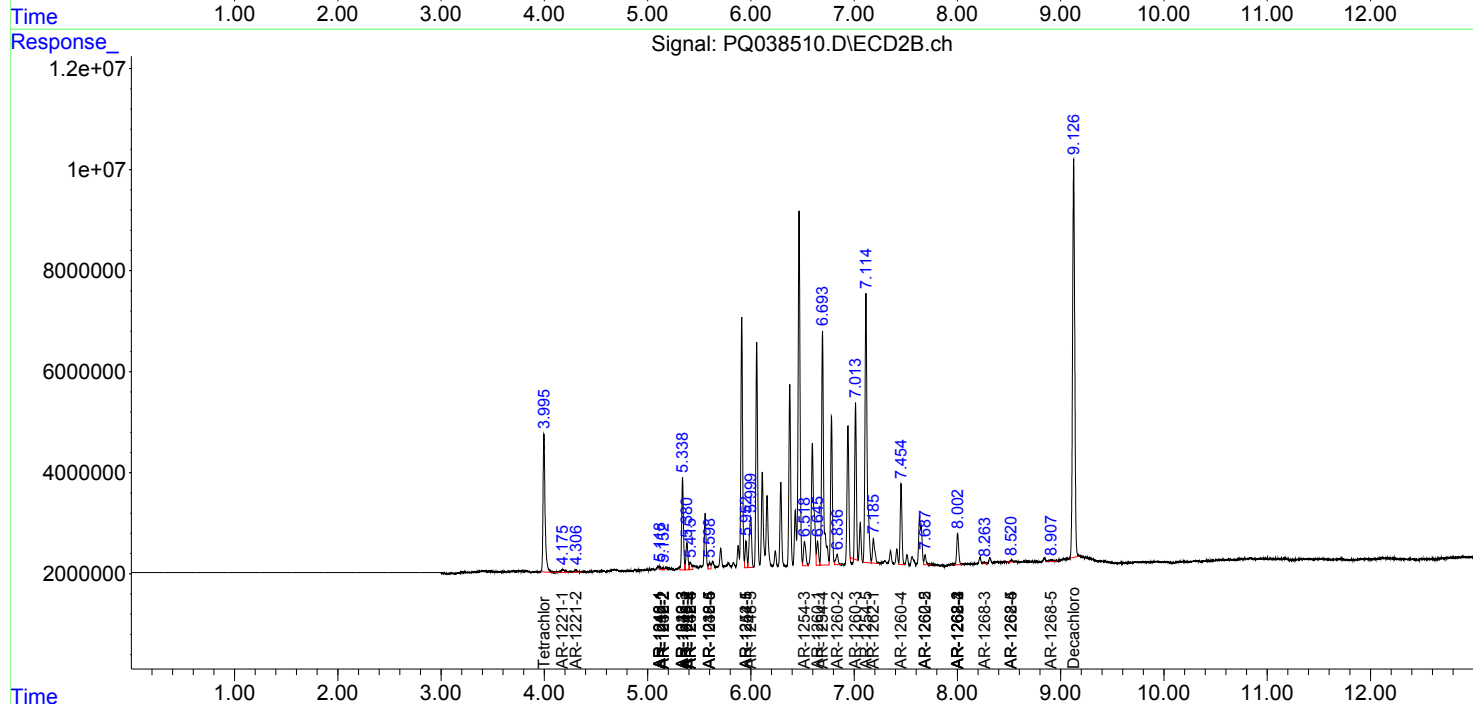
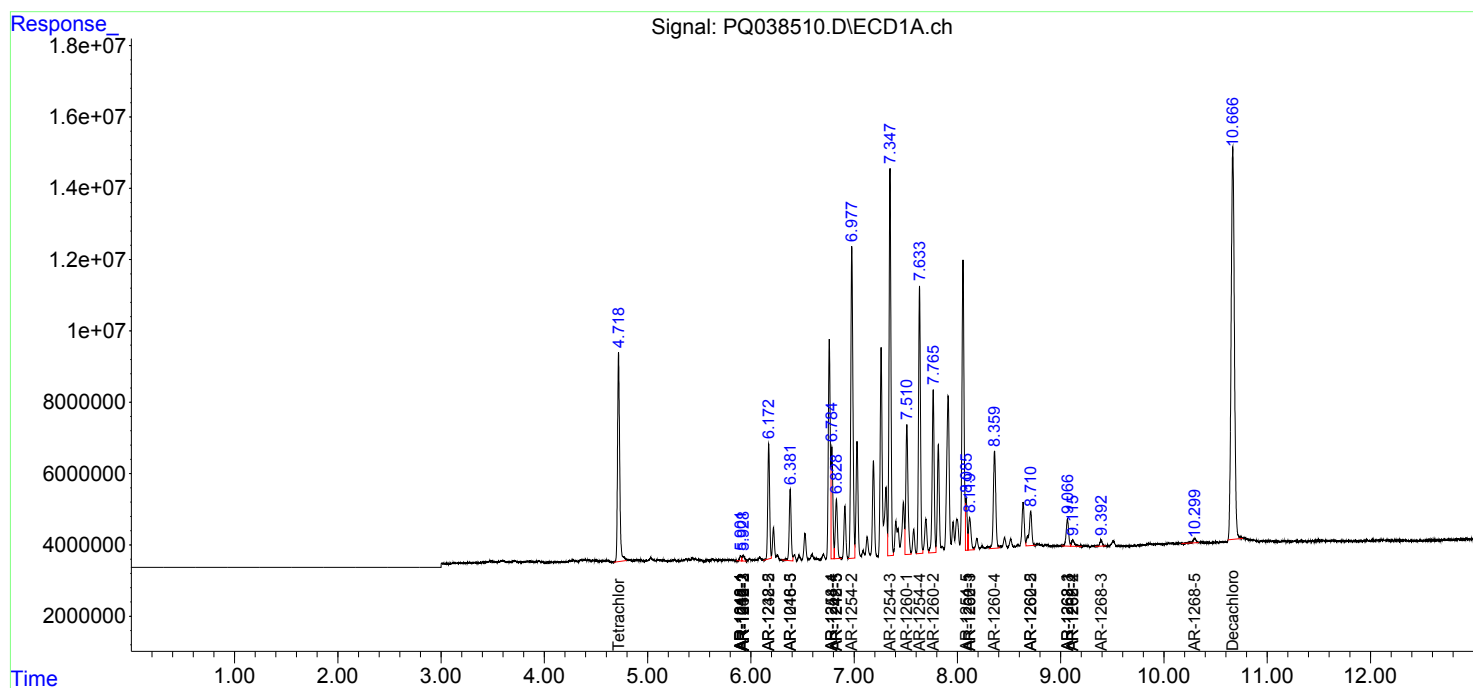
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

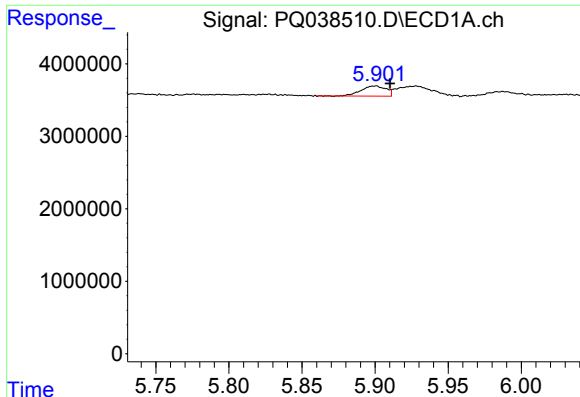
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032819\
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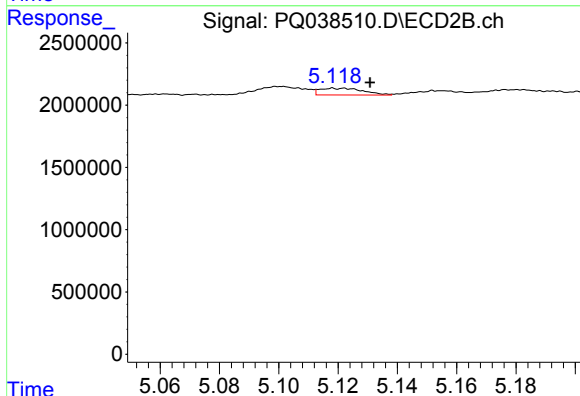




#3 AR-1016-1

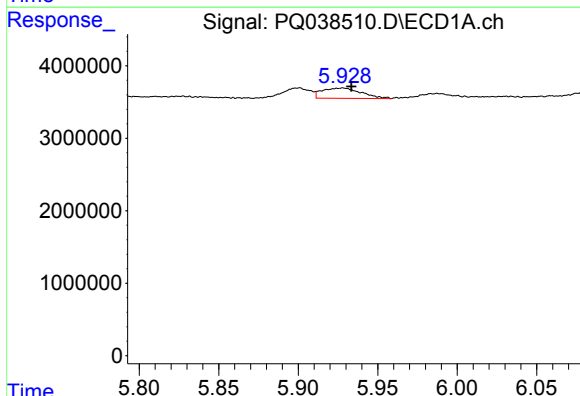
R.T.: 5.900 min
Delta R.T.: -0.010 min
Response: 1674165
Conc: 7.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



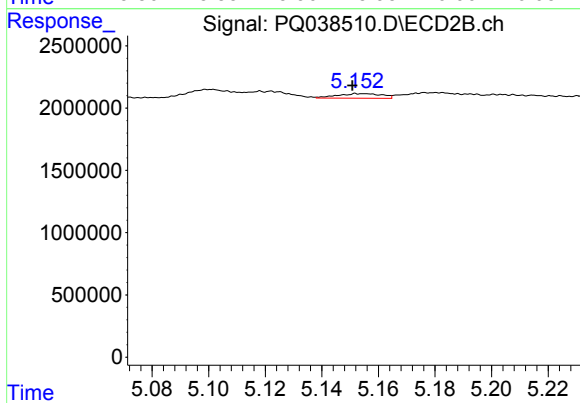
#3 AR-1016-1

R.T.: 5.122 min
Delta R.T.: -0.009 min
Response: 554802
Conc: 5.19 ng/ml



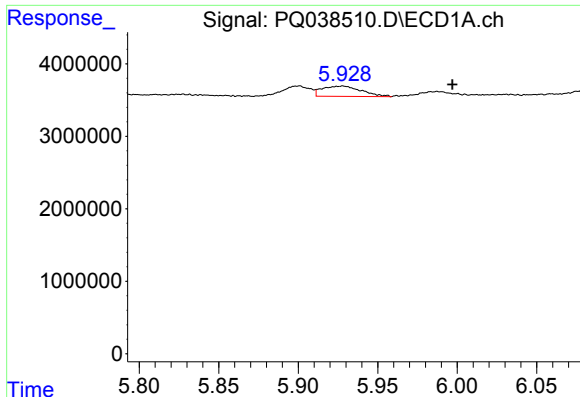
#4 AR-1016-2

R.T.: 5.928 min
Delta R.T.: -0.005 min
Response: 2448026
Conc: 6.74 ng/ml



#4 AR-1016-2

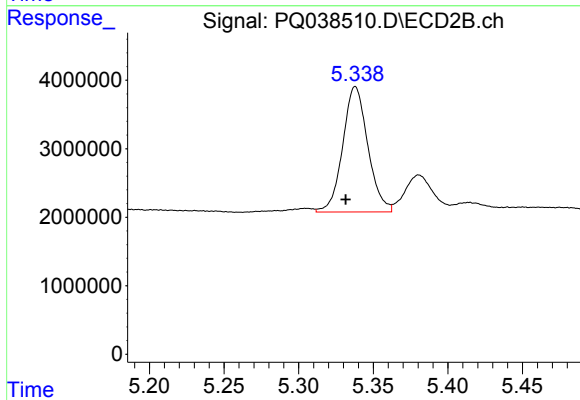
R.T.: 5.154 min
Delta R.T.: 0.003 min
Response: 402602
Conc: 2.60 ng/ml



#5 AR-1016-3

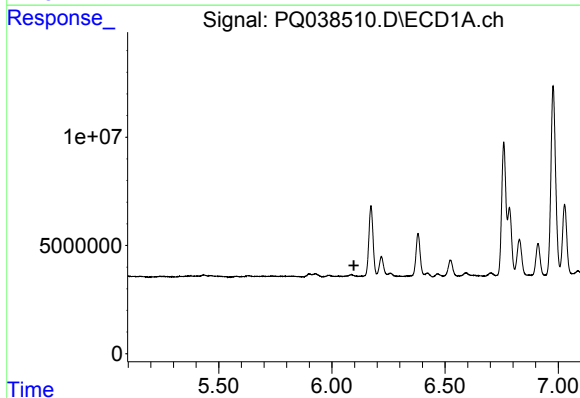
R.T.: 5.928 min
Delta R.T.: -0.069 min
Response: 2448026
Conc: 11.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



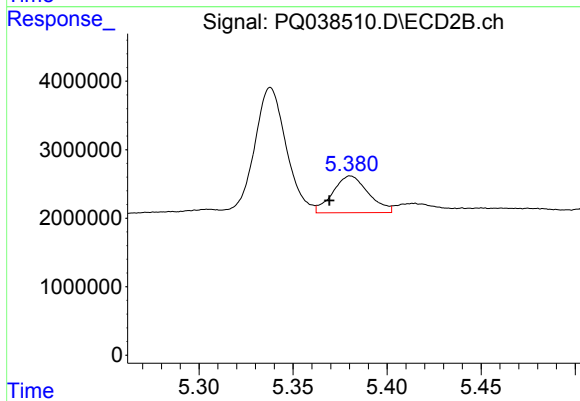
#5 AR-1016-3

R.T.: 5.338 min
Delta R.T.: 0.006 min
Response: 21456392
Conc: 267.59 ng/ml



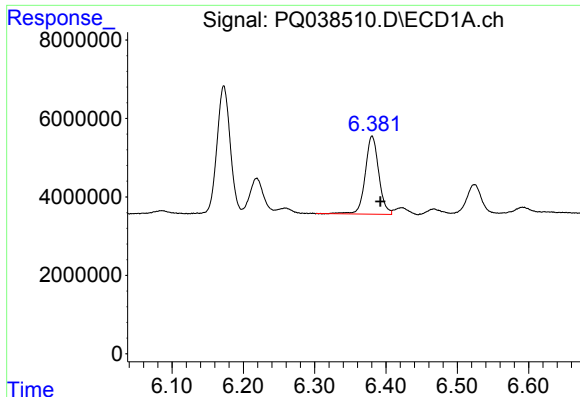
#6 AR-1016-4

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



#6 AR-1016-4

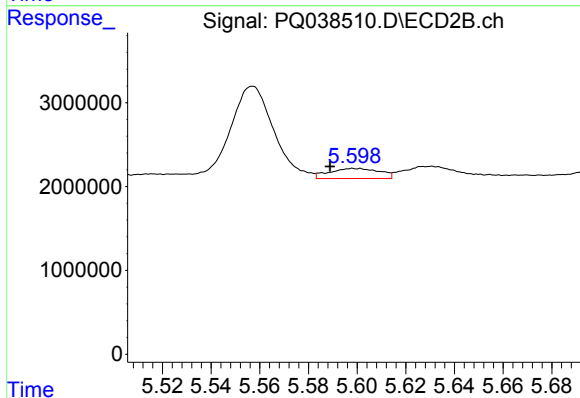
R.T.: 5.381 min
Delta R.T.: 0.011 min
Response: 7086774
Conc: 111.61 ng/ml



#7 AR-1016-5

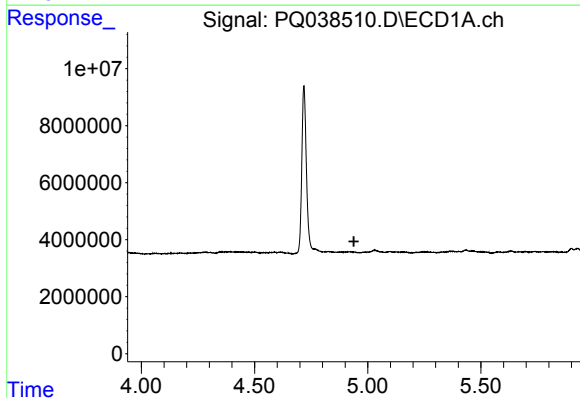
R.T.: 6.381 min
Delta R.T.: -0.012 min
Response: 26299199
Conc: 142.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



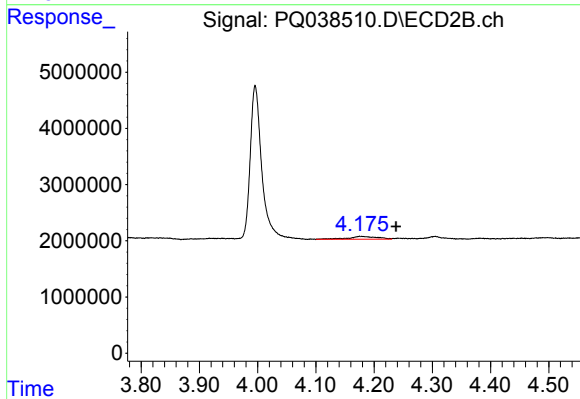
#7 AR-1016-5

R.T.: 5.599 min
Delta R.T.: 0.010 min
Response: 1722070
Conc: 19.66 ng/ml



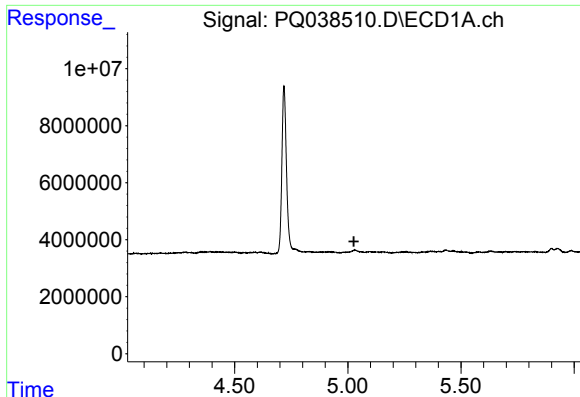
#8 AR-1221-1

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



#8 AR-1221-1

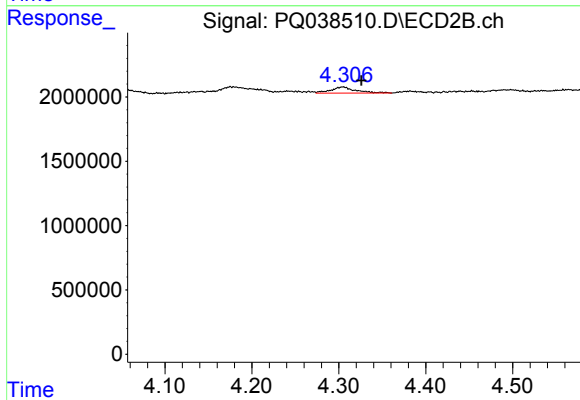
R.T.: 4.176 min
Delta R.T.: -0.062 min
Response: 1750718
Conc: 75.01 ng/ml



#9 AR-1221-2

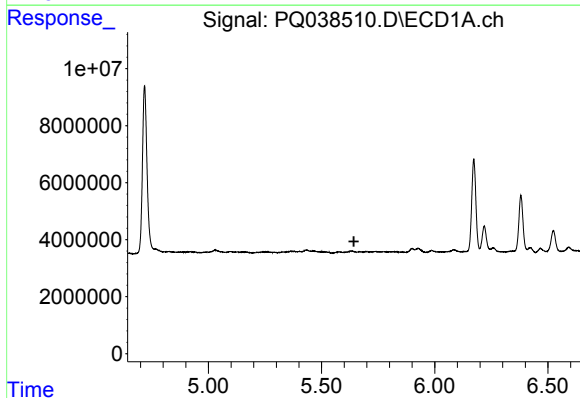
R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254394



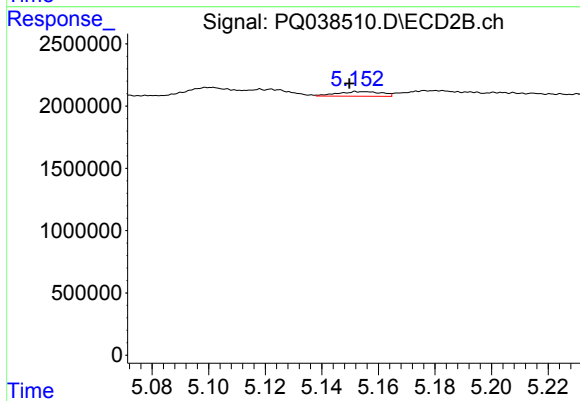
#9 AR-1221-2

R.T.: 4.305 min
Delta R.T.: -0.021 min
Response: 963401
Conc: 57.87 ng/ml



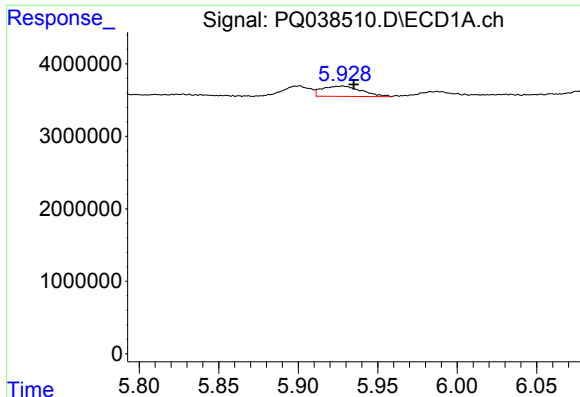
#12 AR-1232-2

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



#12 AR-1232-2

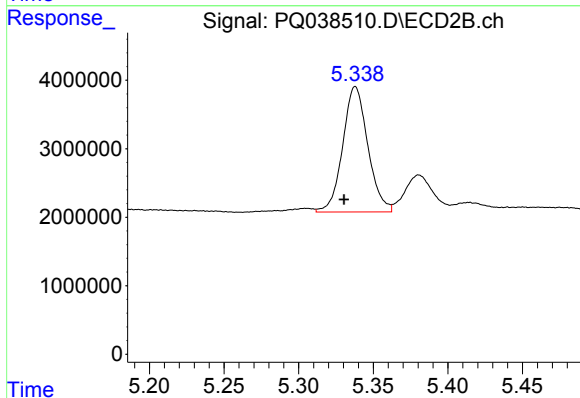
R.T.: 5.154 min
Delta R.T.: 0.004 min
Response: 402602
Conc: 9.02 ng/ml



#13 AR-1232-3

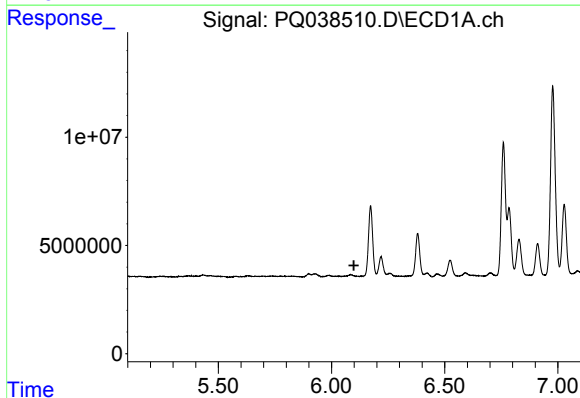
R.T.: 5.928 min
Delta R.T.: -0.007 min
Response: 2448026
Conc: 23.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



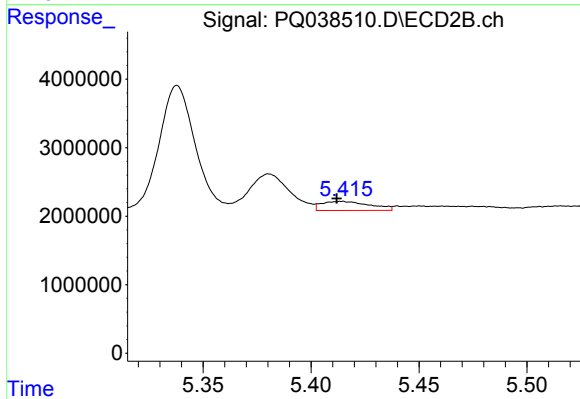
#13 AR-1232-3

R.T.: 5.338 min
Delta R.T.: 0.008 min
Response: 21456392
Conc: 891.75 ng/ml



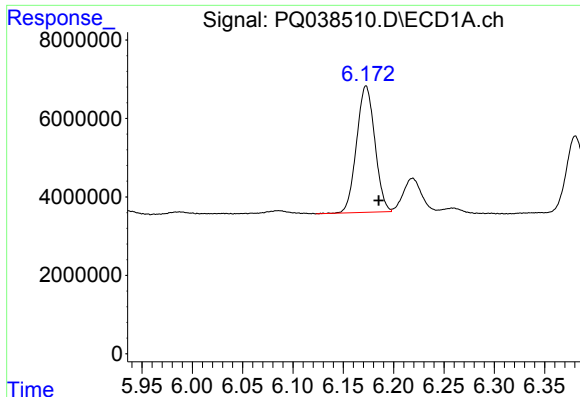
#14 AR-1232-4

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



#14 AR-1232-4

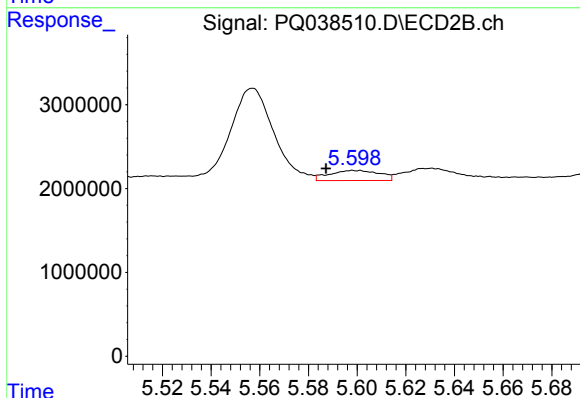
R.T.: 5.414 min
Delta R.T.: 0.002 min
Response: 2082158
Conc: 92.19 ng/ml



#15 AR-1232-5

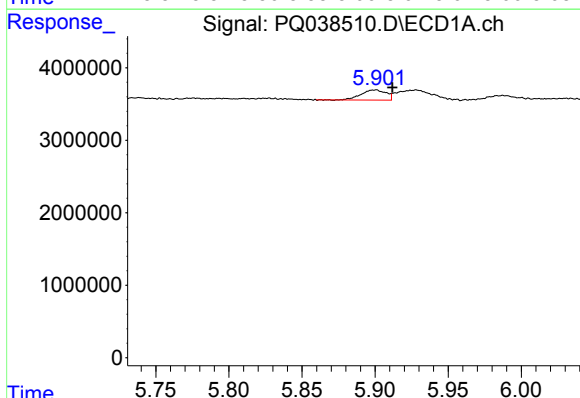
R.T.: 6.173 min
Delta R.T.: -0.013 min
Response: 40701191
Conc: 1000.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



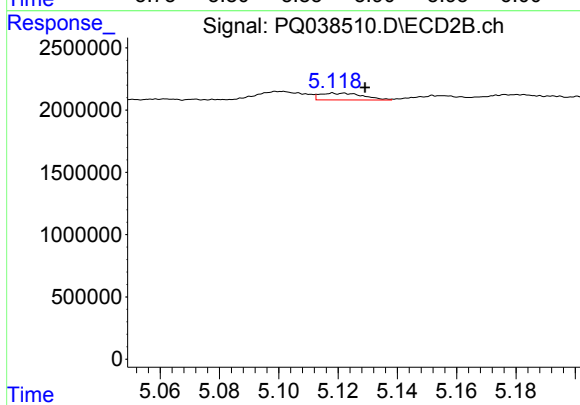
#15 AR-1232-5

R.T.: 5.599 min
Delta R.T.: 0.012 min
Response: 1722070
Conc: 71.15 ng/ml



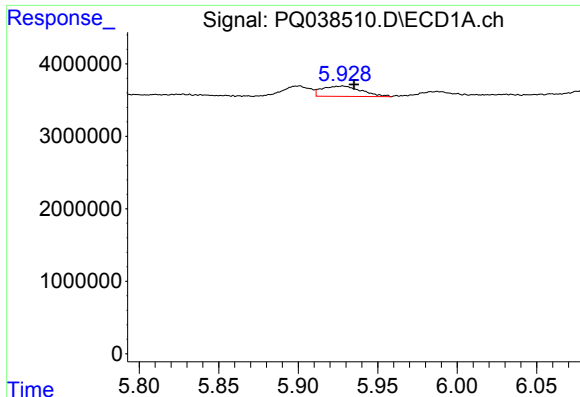
#16 AR-1242-1

R.T.: 5.900 min
Delta R.T.: -0.012 min
Response: 1674165
Conc: 10.94 ng/ml



#16 AR-1242-1

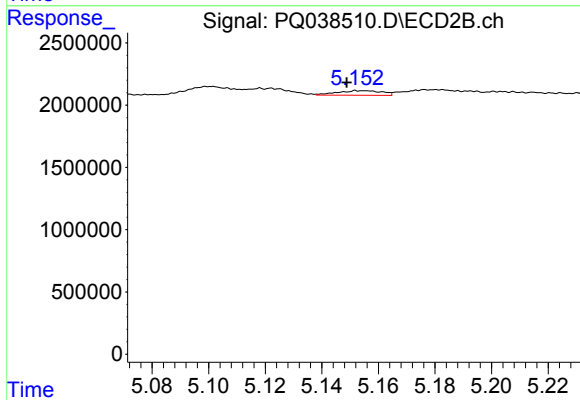
R.T.: 5.122 min
Delta R.T.: -0.007 min
Response: 554802
Conc: 7.88 ng/ml



#17 AR-1242-2

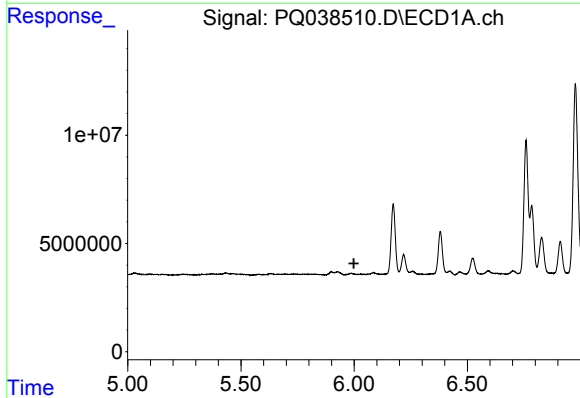
R.T.: 5.928 min
Delta R.T.: -0.007 min
Response: 2448026
Conc: 10.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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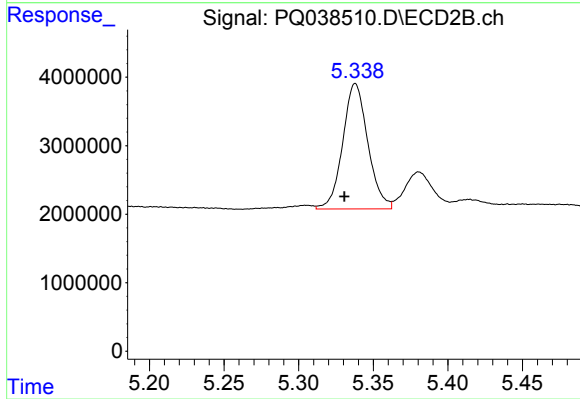
#17 AR-1242-2

R.T.: 5.154 min
Delta R.T.: 0.005 min
Response: 402602
Conc: 4.00 ng/ml



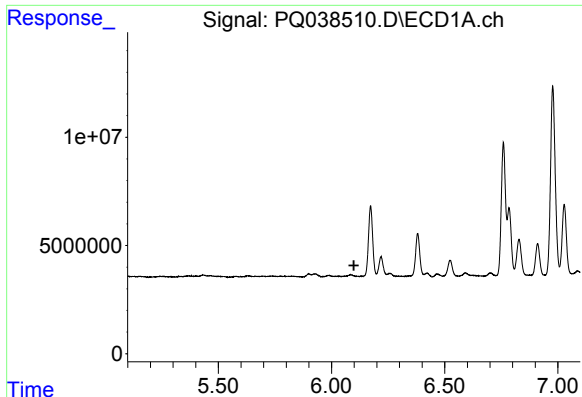
#18 AR-1242-3

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



#18 AR-1242-3

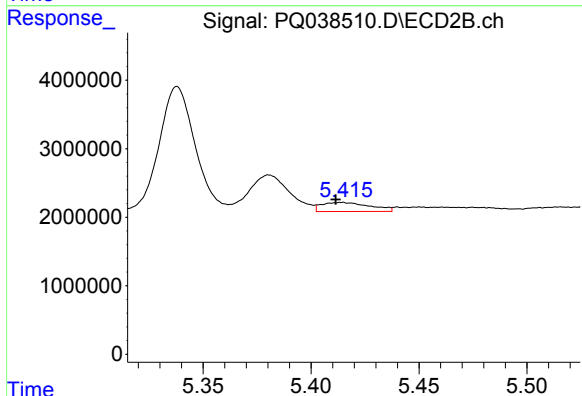
R.T.: 5.338 min
Delta R.T.: 0.007 min
Response: 21456392
Conc: 400.80 ng/ml



#19 AR-1242-4

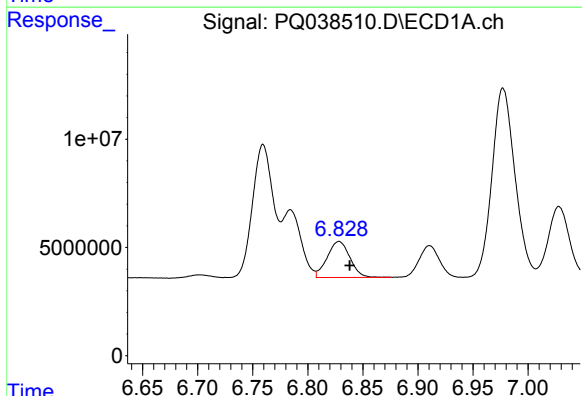
R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
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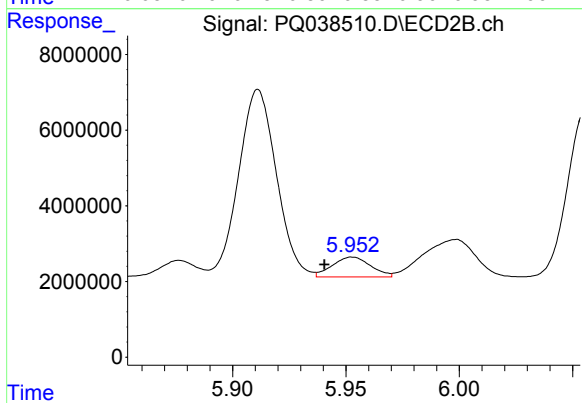
#19 AR-1242-4

R.T.: 5.414 min
Delta R.T.: 0.003 min
Response: 2082158
Conc: 38.36 ng/ml



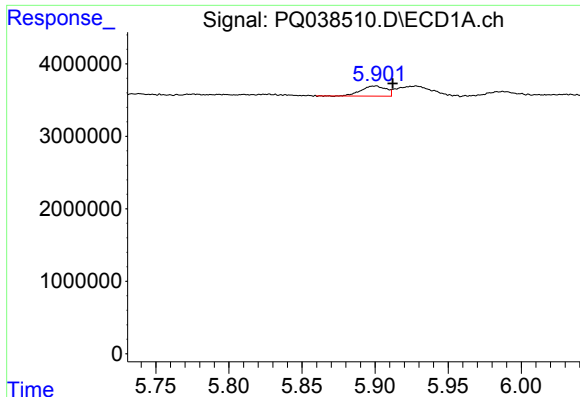
#20 AR-1242-5

R.T.: 6.828 min
Delta R.T.: -0.010 min
Response: 23774296
Conc: 178.98 ng/ml



#20 AR-1242-5

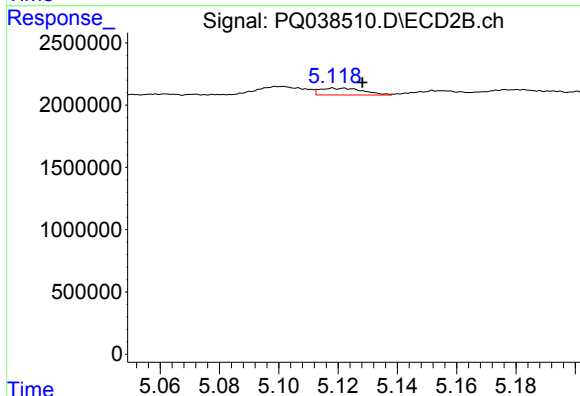
R.T.: 5.953 min
Delta R.T.: 0.012 min
Response: 6198084
Conc: 84.32 ng/ml



#21 AR-1248-1

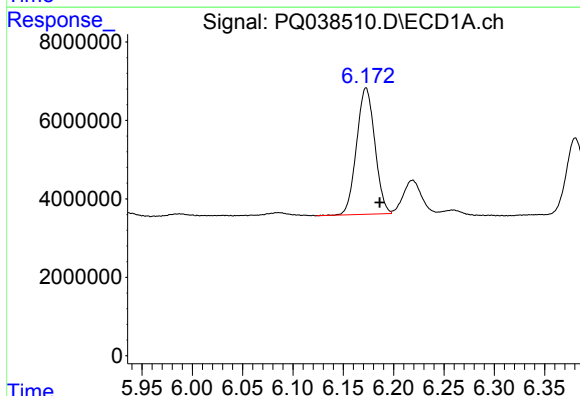
R.T.: 5.900 min
Delta R.T.: -0.012 min
Response: 1674165
Conc: 15.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



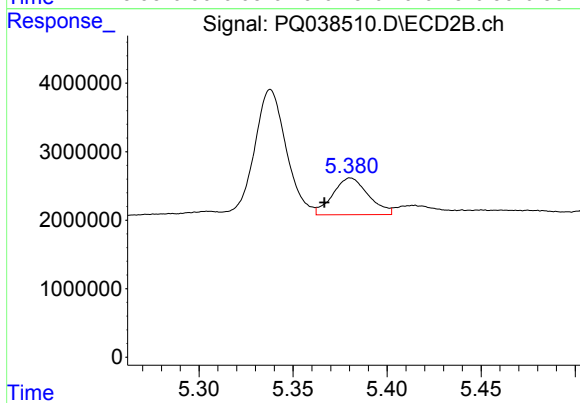
#21 AR-1248-1

R.T.: 5.122 min
Delta R.T.: -0.007 min
Response: 554802
Conc: 11.06 ng/ml



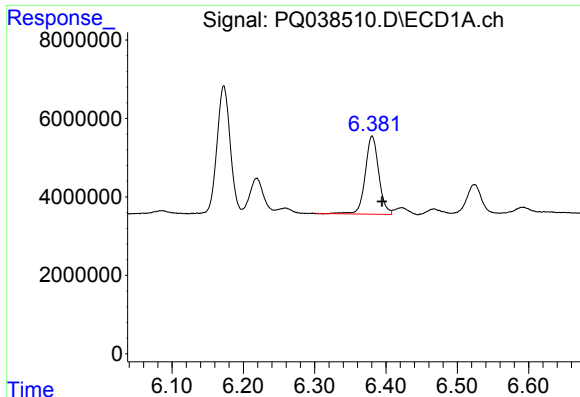
#22 AR-1248-2

R.T.: 6.173 min
Delta R.T.: -0.014 min
Response: 40701191
Conc: 249.67 ng/ml



#22 AR-1248-2

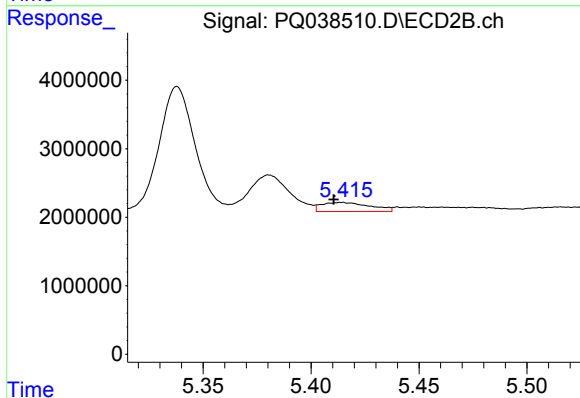
R.T.: 5.381 min
Delta R.T.: 0.014 min
Response: 7086774
Conc: 99.45 ng/ml



#23 AR-1248-3

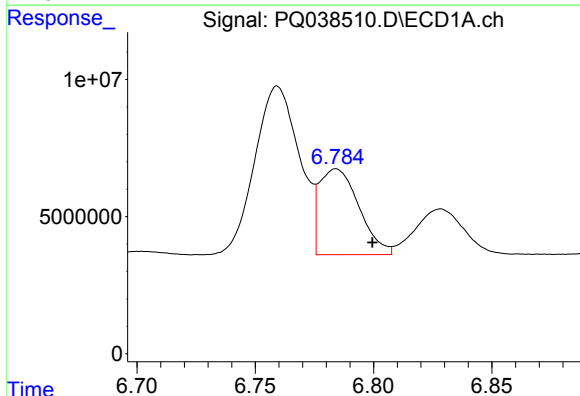
R.T.: 6.381 min
Delta R.T.: -0.014 min
Response: 26299199
Conc: 143.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



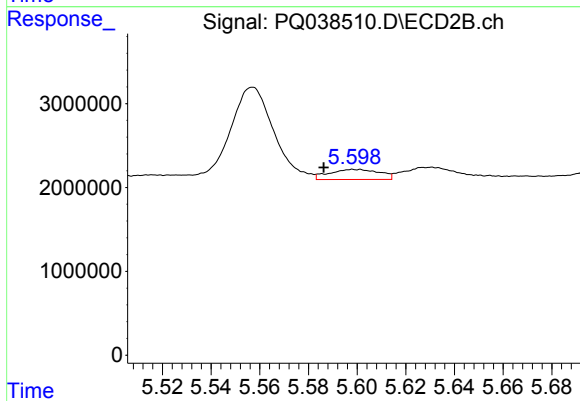
#23 AR-1248-3

R.T.: 5.414 min
Delta R.T.: 0.004 min
Response: 2082158
Conc: 28.42 ng/ml



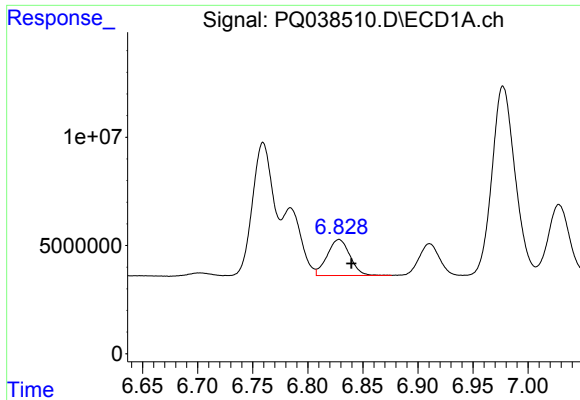
#24 AR-1248-4

R.T.: 6.784 min
Delta R.T.: -0.015 min
Response: 36564953
Conc: 174.40 ng/ml



#24 AR-1248-4

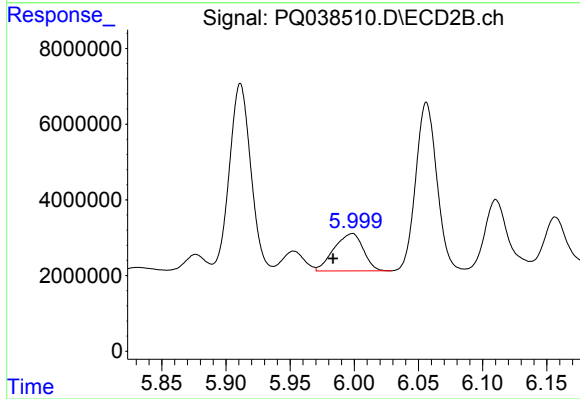
R.T.: 5.599 min
Delta R.T.: 0.013 min
Response: 1722070
Conc: 19.04 ng/ml



#25 AR-1248-5

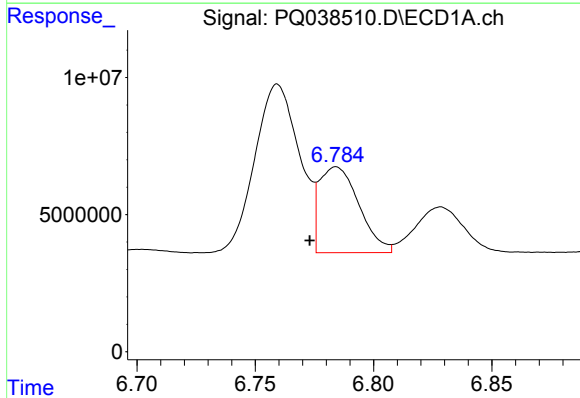
R.T.: 6.828 min
Delta R.T.: -0.011 min
Response: 23774296
Conc: 117.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



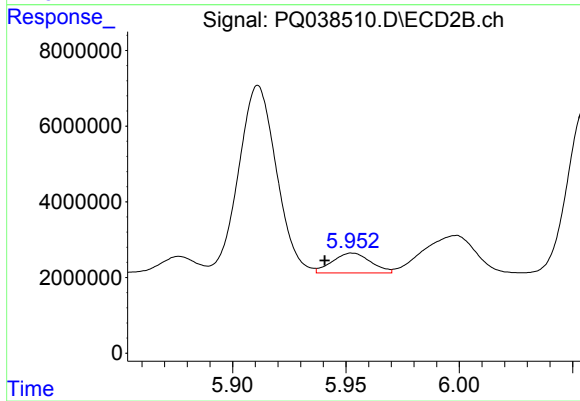
#25 AR-1248-5

R.T.: 5.998 min
Delta R.T.: 0.015 min
Response: 15624314
Conc: 174.15 ng/ml



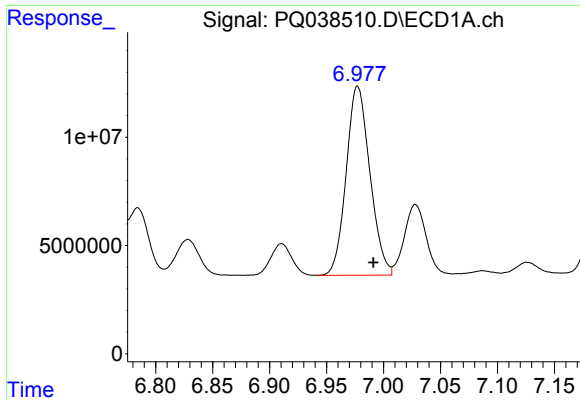
#26 AR-1254-1

R.T.: 6.784 min
Delta R.T.: 0.011 min
Response: 36564953
Conc: 152.27 ng/ml



#26 AR-1254-1

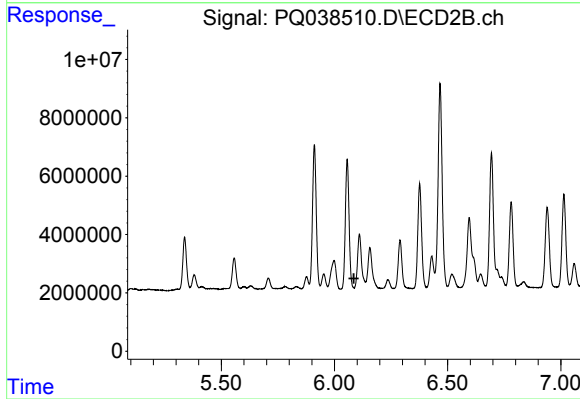
R.T.: 5.953 min
Delta R.T.: 0.012 min
Response: 6198084
Conc: 38.55 ng/ml



#27 AR-1254-2

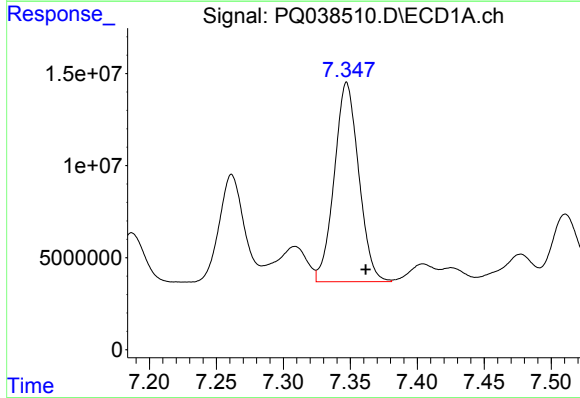
R.T.: 6.977 min
Delta R.T.: -0.014 min
Response: 126607296
Conc: 335.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



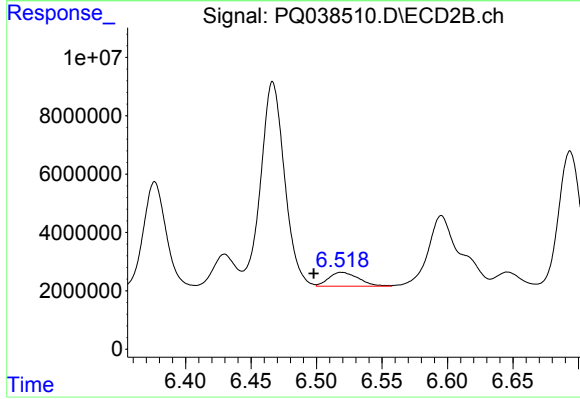
#27 AR-1254-2

R.T.: 6.110 min
Delta R.T.: 0.024 min
Response: -413215
Conc: N.D.



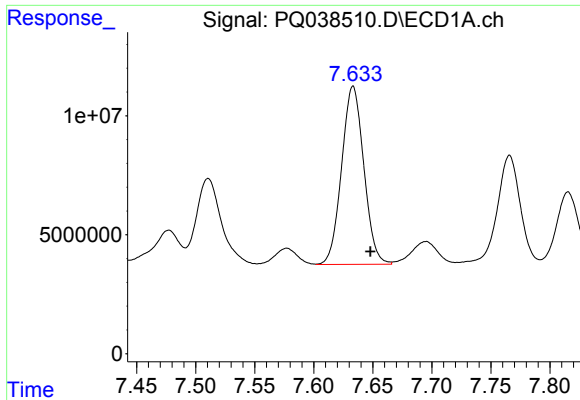
#28 AR-1254-3

R.T.: 7.347 min
Delta R.T.: -0.014 min
Response: 137575140
Conc: 338.87 ng/ml



#28 AR-1254-3

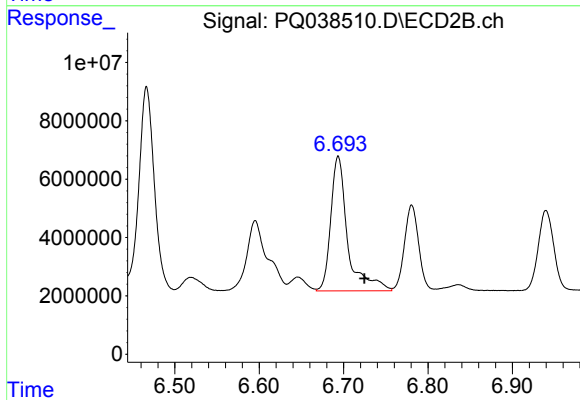
R.T.: 6.519 min
Delta R.T.: 0.021 min
Response: 7566632
Conc: 31.47 ng/ml



#29 AR-1254-4

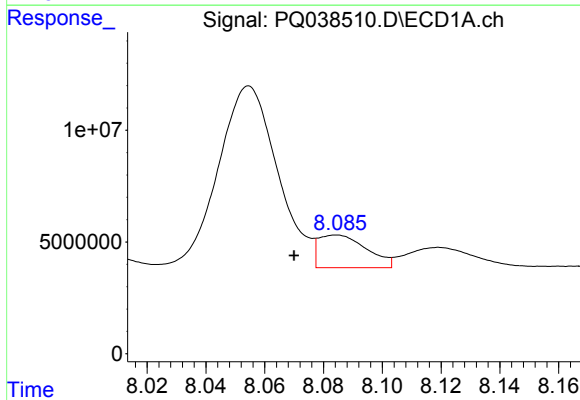
R.T.: 7.633 min
Delta R.T.: -0.015 min
Response: 97983397
Conc: 348.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



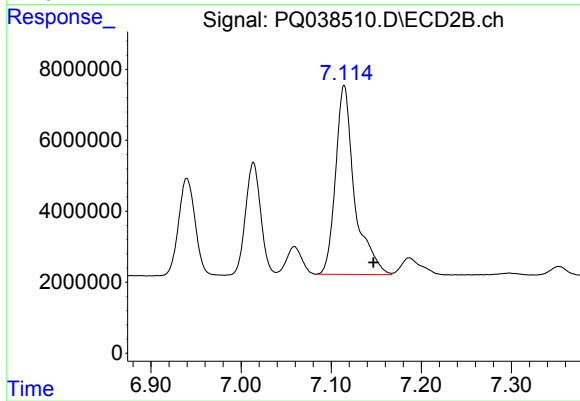
#29 AR-1254-4

R.T.: 6.694 min
Delta R.T.: -0.031 min
Response: 64670263
Conc: 417.31 ng/ml



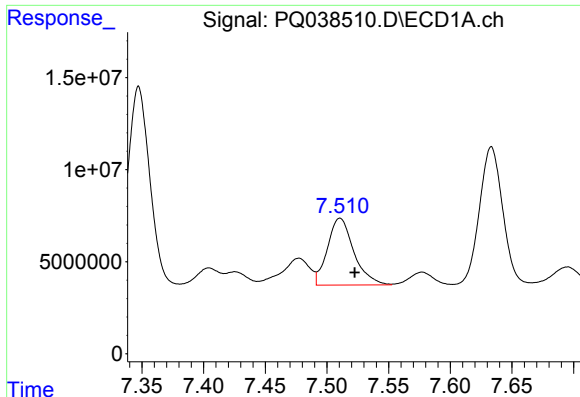
#30 AR-1254-5

R.T.: 8.084 min
Delta R.T.: 0.014 min
Response: 16586365
Conc: 51.39 ng/ml



#30 AR-1254-5

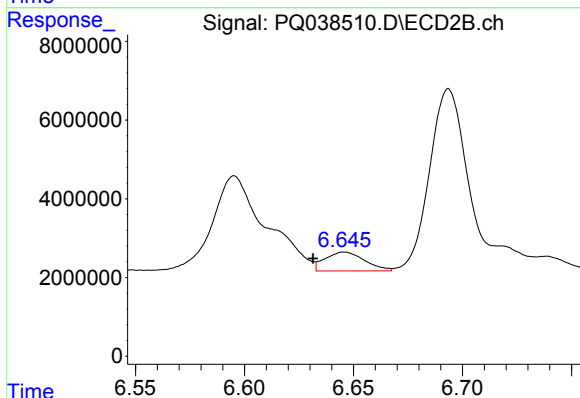
R.T.: 7.114 min
Delta R.T.: -0.032 min
Response: 77998416
Conc: 384.75 ng/ml



#31 AR-1260-1

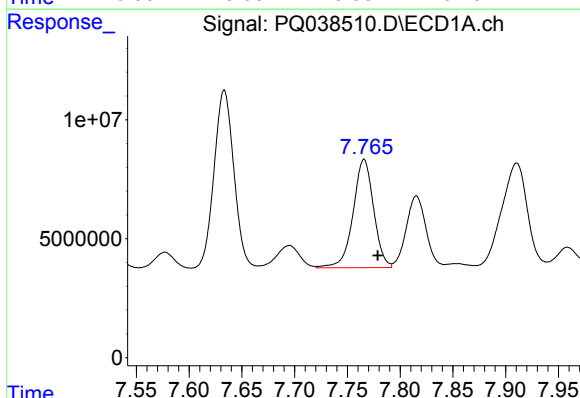
R.T.: 7.511 min
Delta R.T.: -0.012 min
Response: 54154562
Conc: 127.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



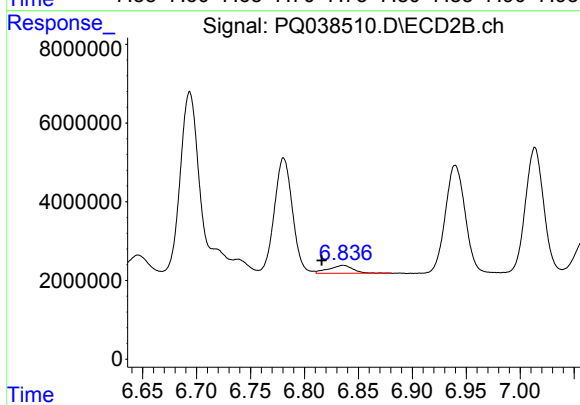
#31 AR-1260-1

R.T.: 6.646 min
Delta R.T.: 0.015 min
Response: 6062082
Conc: 29.65 ng/ml



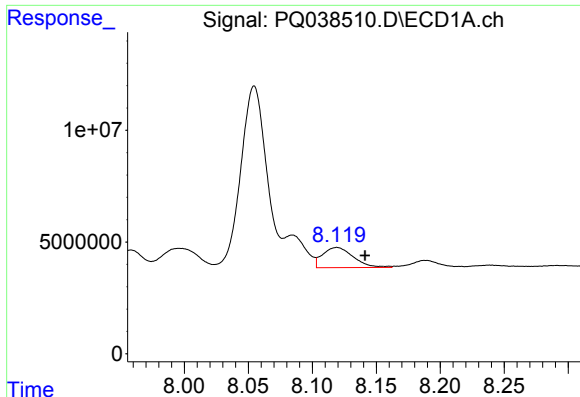
#32 AR-1260-2

R.T.: 7.766 min
Delta R.T.: -0.013 min
Response: 61721333
Conc: 120.23 ng/ml



#32 AR-1260-2

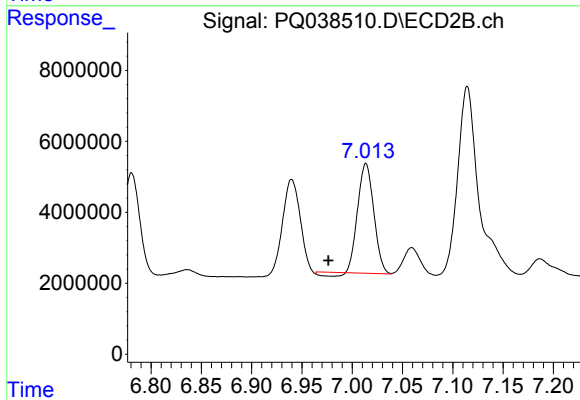
R.T.: 6.836 min
Delta R.T.: 0.020 min
Response: 2504479
Conc: 9.78 ng/ml



#33 AR-1260-3

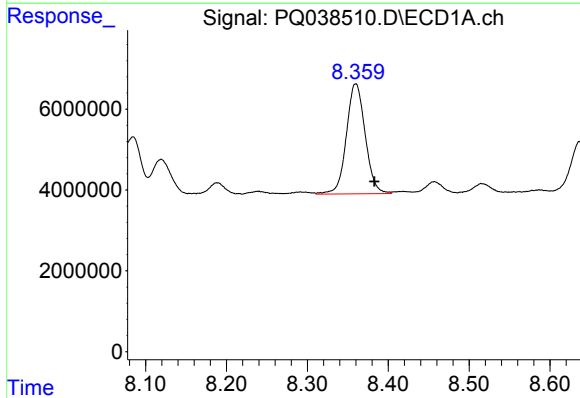
R.T.: 8.119 min
Delta R.T.: -0.022 min
Response: 15072690
Conc: 38.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



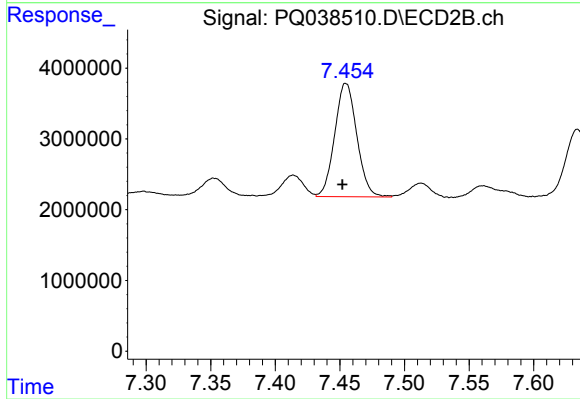
#33 AR-1260-3

R.T.: 7.014 min
Delta R.T.: 0.037 min
Response: 33905981
Conc: 141.73 ng/ml



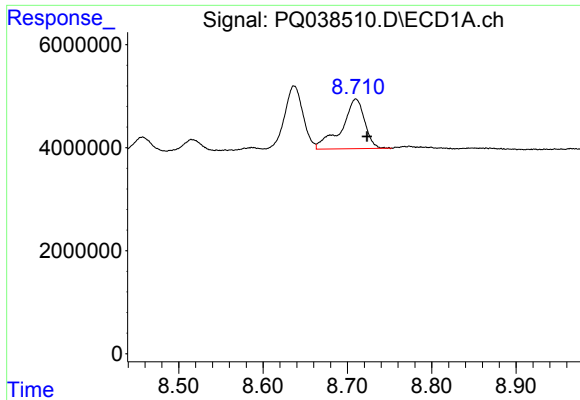
#34 AR-1260-4

R.T.: 8.360 min
Delta R.T.: -0.023 min
Response: 44037428
Conc: 96.54 ng/ml



#34 AR-1260-4

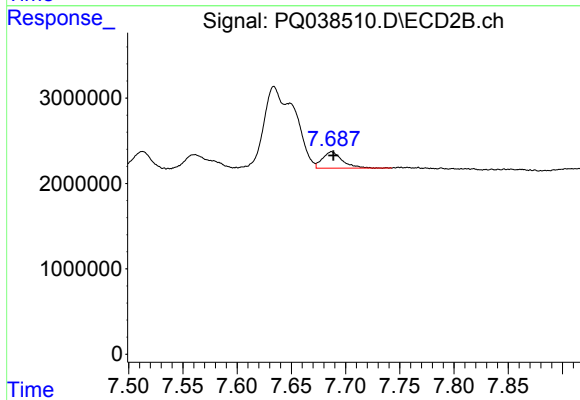
R.T.: 7.455 min
Delta R.T.: 0.003 min
Response: 19111736
Conc: 96.55 ng/ml



#35 AR-1260-5

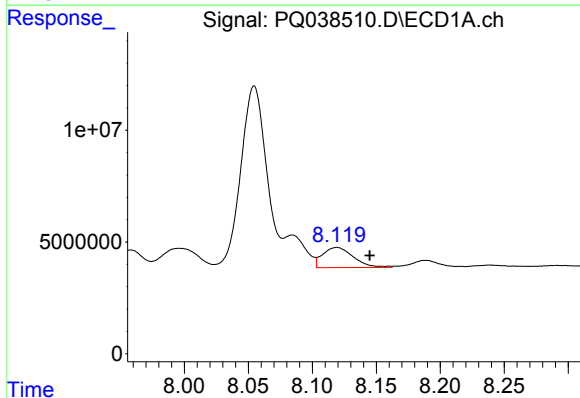
R.T.: 8.710 min
Delta R.T.: -0.013 min
Response: 18336949
Conc: 19.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



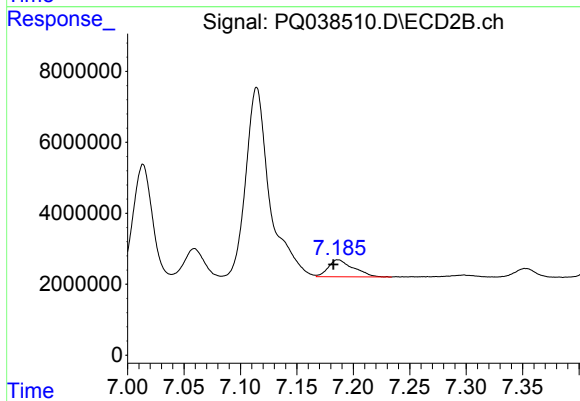
#35 AR-1260-5

R.T.: 7.687 min
Delta R.T.: -0.002 min
Response: 2456887
Conc: 5.00 ng/ml



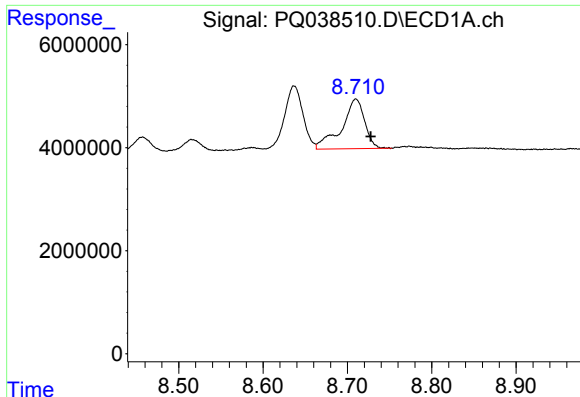
#36 AR-1262-1

R.T.: 8.119 min
Delta R.T.: -0.026 min
Response: 15072690
Conc: 38.02 ng/ml



#36 AR-1262-1

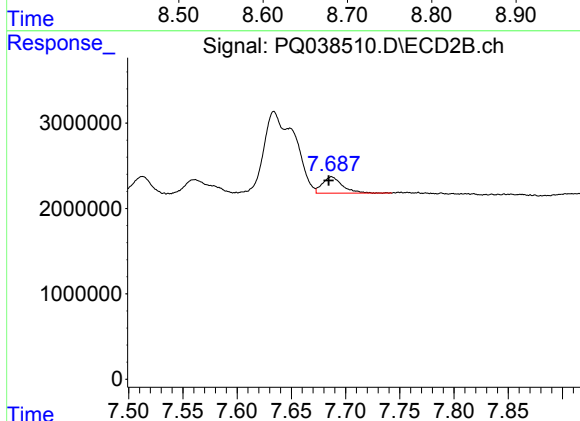
R.T.: 7.187 min
Delta R.T.: 0.004 min
Response: 7336414
Conc: 34.07 ng/ml



#37 AR-1262-2

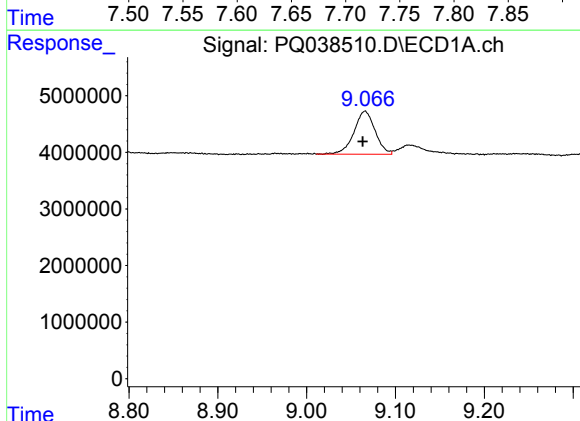
R.T.: 8.710 min
Delta R.T.: -0.018 min
Response: 18336949
Conc: 25.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



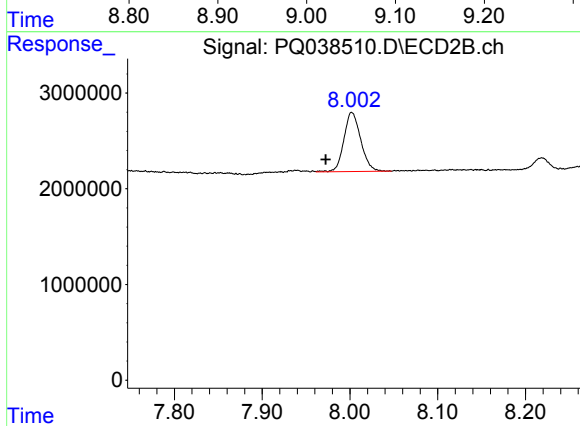
#37 AR-1262-2

R.T.: 7.687 min
Delta R.T.: 0.003 min
Response: 2456887
Conc: 6.31 ng/ml



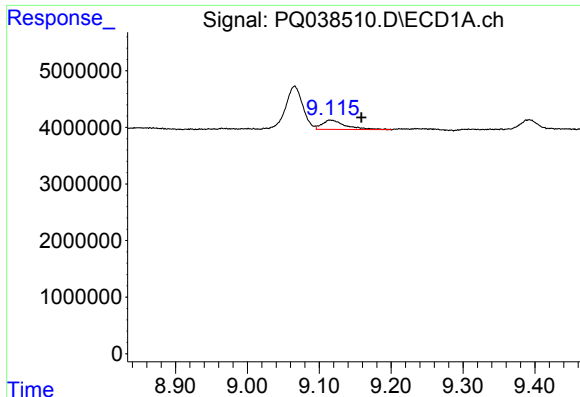
#38 AR-1262-3

R.T.: 9.066 min
Delta R.T.: 0.003 min
Response: 12606994
Conc: 26.34 ng/ml



#38 AR-1262-3

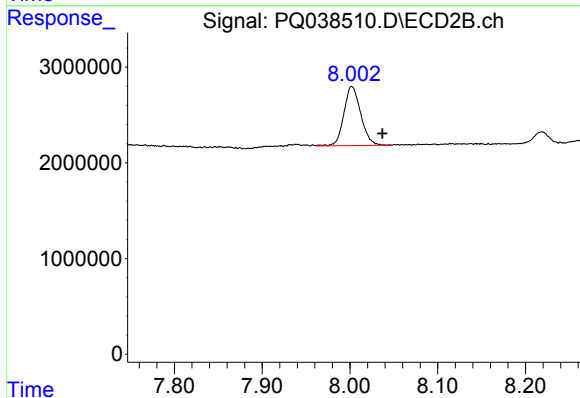
R.T.: 8.002 min
Delta R.T.: 0.030 min
Response: 8277839
Conc: 55.60 ng/ml



#39 AR-1262-4

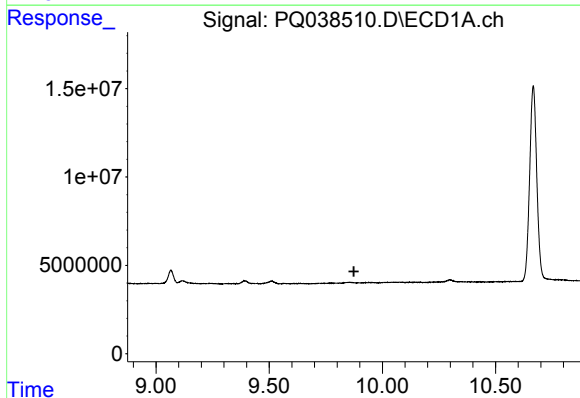
R.T.: 9.115 min
Delta R.T.: -0.043 min
Response: 3761168
Conc: 9.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



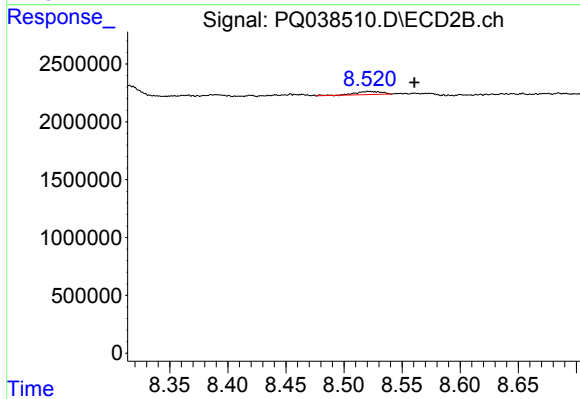
#39 AR-1262-4

R.T.: 8.002 min
Delta R.T.: -0.035 min
Response: 8277839
Conc: 29.04 ng/ml



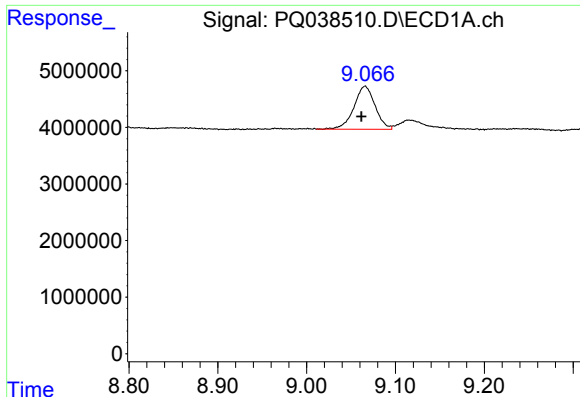
#40 AR-1262-5

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



#40 AR-1262-5

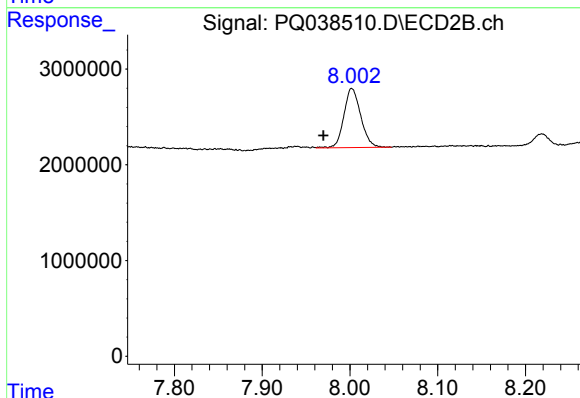
R.T.: 8.522 min
Delta R.T.: -0.039 min
Response: 428103
Conc: 3.62 ng/ml



#41 AR-1268-1

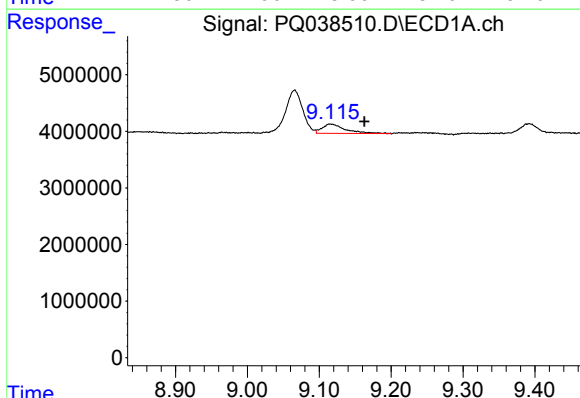
R.T.: 9.066 min
Delta R.T.: 0.004 min
Response: 12606994
Conc: 7.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



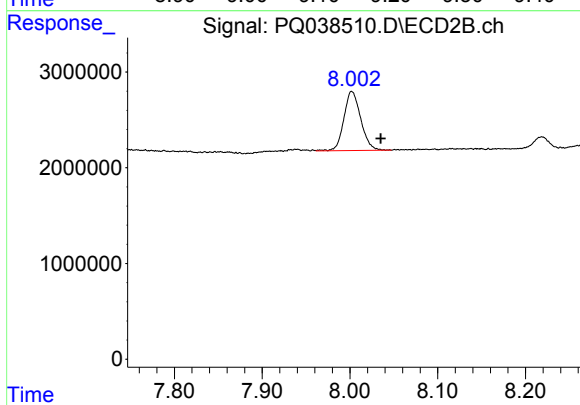
#41 AR-1268-1

R.T.: 8.002 min
Delta R.T.: 0.032 min
Response: 8277839
Conc: 10.34 ng/ml



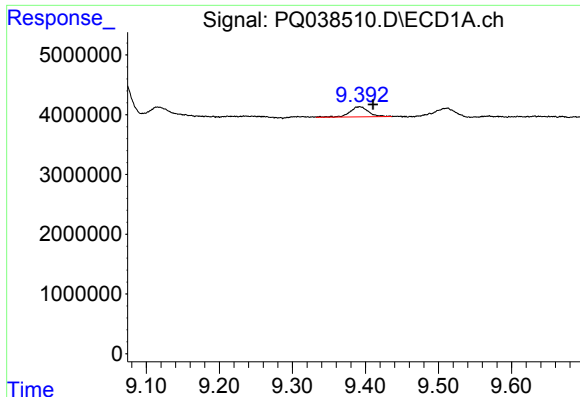
#42 AR-1268-2

R.T.: 9.115 min
Delta R.T.: -0.048 min
Response: 3761168
Conc: 2.59 ng/ml



#42 AR-1268-2

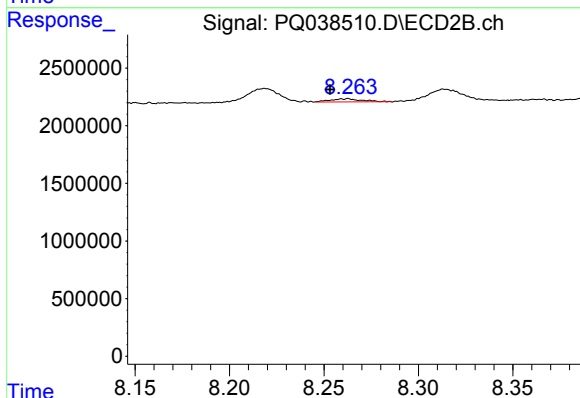
R.T.: 8.002 min
Delta R.T.: -0.033 min
Response: 8277839
Conc: 11.40 ng/ml



#43 AR-1268-3

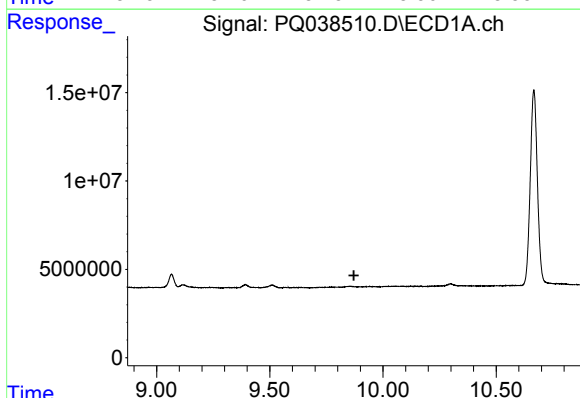
R.T.: 9.392 min
Delta R.T.: -0.018 min
Response: 2950376
Conc: 2.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



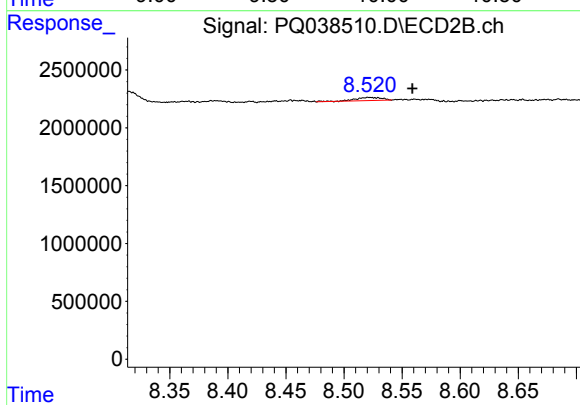
#43 AR-1268-3

R.T.: 8.262 min
Delta R.T.: 0.009 min
Response: 305560
Conc: 0.49 ng/ml



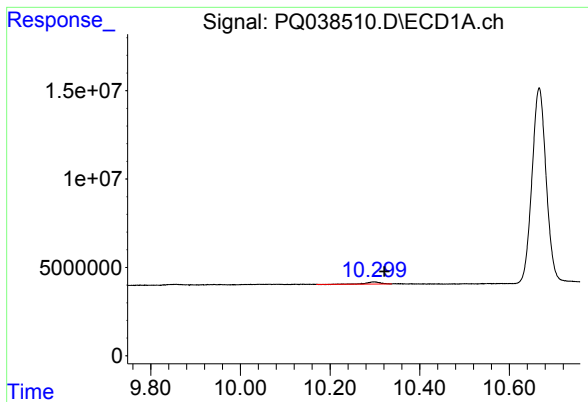
#44 AR-1268-4

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



#44 AR-1268-4

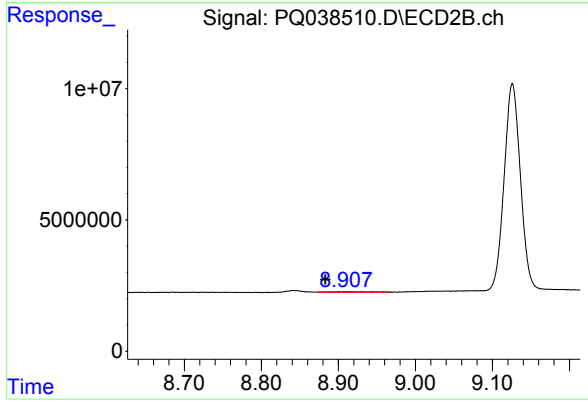
R.T.: 8.522 min
Delta R.T.: -0.037 min
Response: 428103
Conc: 1.82 ng/ml



#45 AR-1268-5

R.T.: 10.298 min
Delta R.T.: -0.023 min
Response: 2381879
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254394



#45 AR-1268-5

R.T.: 8.901 min
Delta R.T.: 0.018 min
Response: 842595
Conc: 0.44 ng/ml