

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050719\
 Data File : PQ039477.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2019 04:37
 Operator : AJ\MA
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248314

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 06:41:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 02 08:13:50 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...	5.690	4.789	107.1E6	58515988	35.359	35.308
2)	SA Decachlor...	12.079	10.541	257.4E6	140.5E6	42.129	41.652
Target Compounds							
3)	L1 AR-1016-1	7.138	6.240	41398248	35829201	236.259	321.911 #
4)	L1 AR-1016-2	7.163	6.261	52770745	34891227	200.619	216.552
5)	L1 AR-1016-3	7.235	6.477	26076898	31420007	156.670	375.870 #
6)	L1 AR-1016-4	7.347	6.530	30800102	44769673	224.863	671.200 #
7)	L1 AR-1016-5	7.681	6.782	65877262	55593666	472.857	568.192
8)	L2 AR-1221-1	5.949	5.142	7384201	1575362	186.481	69.193 #
9)	L2 AR-1221-2	6.083	5.209	4051309	4570823	140.426	278.692 #
10)	L2 AR-1221-3	6.176	5.315	18176812	3890116	181.788	68.325 #
11)	L3 AR-1232-1	6.176	5.315	18176812	3890116	271.487	104.583 #
12)	L3 AR-1232-2	6.822	6.261	20020114	34891227	567.532	805.478 #
13)	L3 AR-1232-3	7.163	6.477	52770745	31420007	718.765	1406.786 #
14)	L3 AR-1232-4	7.347	6.579	30800102	46962069	788.694	2146.532 #
15)	L3 AR-1232-5	7.452	6.782	55794392	55593666	1988.258	2206.593
16)	L4 AR-1242-1	7.138	6.240	41398248	35829201	375.293	516.261 #
17)	L4 AR-1242-2	7.163	6.261	52770745	34891227	320.740	349.701
18)	L4 AR-1242-3	7.235	6.477	26076898	31420007	247.104	585.205 #
19)	L4 AR-1242-4	7.347	6.579	30800102	46962069	345.545	842.273 #
20)	L4 AR-1242-5	8.169	7.191	78038735	76328933	799.204	1007.917 #
21)	L5 AR-1248-1	7.138	6.240	41398248	35829201	352.154	460.499 #
22)	L5 AR-1248-2	7.452	6.530	55794392	44769673	340.569	414.851
23)	L5 AR-1248-3	7.681	6.579	65877262	46962069	338.113	414.664
24)	L5 AR-1248-4	8.128	6.782	77117177	55593666	357.160	394.101
25)	L5 AR-1248-5	8.169	7.237	78038735	55907016	366.578	396.341
26)	L6 AR-1254-1	8.097	7.191	60291234	76328933	299.361	385.607 #
27)	L6 AR-1254-2	8.340	7.358	76357988	27260170	239.866	154.567 #
28)	L6 AR-1254-3	8.731	7.806	42154603	39890971	123.691	133.646
29)	L6 AR-1254-4	9.033	8.055	28430222	21384904	120.127	123.222
30)	L6 AR-1254-5	9.472	8.501	8615963	9799278	31.604	38.201
31)	L7 AR-1260-1	8.904	7.963	8584617	22848499	26.083	96.717 #
32)	L7 AR-1260-2	9.172	8.149	8994151	3899925	22.735	13.188 #
33)	L7 AR-1260-3	0.000	8.313	0	5050122	N.D.	18.120 #
34)	L7 AR-1260-4	9.785	8.813	5835214	989479	16.095	4.171 #
35)	L7 AR-1260-5	10.139	9.063	3707422	5887970	4.869	9.844 #
36)	L8 AR-1262-1	0.000	8.579	0	3050422	N.D.	11.043 #
37)	L8 AR-1262-2	10.139	9.063	3707422	5887970	6.075	12.033 #
38)	L8 AR-1262-3	10.539	9.424	1702886	5986476	4.043	32.129 #
39)	L8 AR-1262-4	10.539	9.424	1702886	5986476	4.988	16.637 #
40)	L8 AR-1262-5	11.282	9.950	3083801	2417948	13.719	15.976
41)	L9 AR-1268-1	10.539	9.424	1702886	5986476	1.224	5.691 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050719\
Data File : PQ039477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2019 04:37
Operator : AJ\MA
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

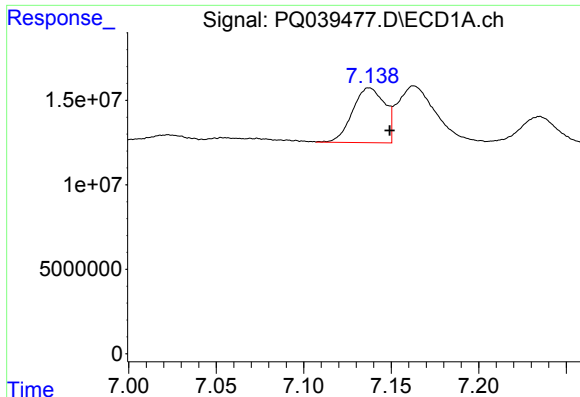
Instrument :
ECD_Q
ClientSampleId :
AR1248314

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 06:41:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 02 08:13:50 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
42)	L9 AR-1268-2	10.539	9.424	1702886	5986476	1.268	6.170 #
43)	L9 AR-1268-3	0.000	9.633	0	1565793	N.D.	1.899 #
44)	L9 AR-1268-4	11.282	9.950	3083801	2417948	7.203	8.083
45)	L9 AR-1268-5	11.724	10.329	3584781	1603984	0.940	0.646 #

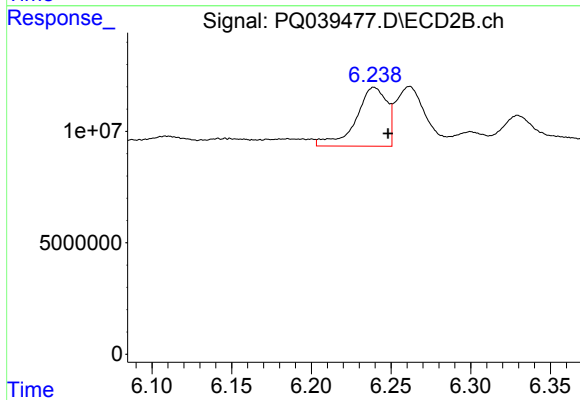
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

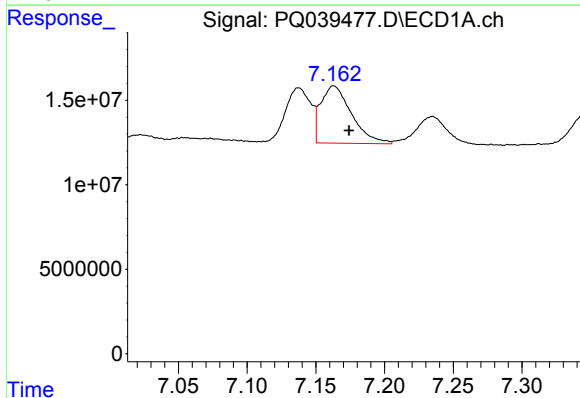
R.T.: 7.138 min
Delta R.T.: -0.012 min
Response: 41398248
Conc: 236.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



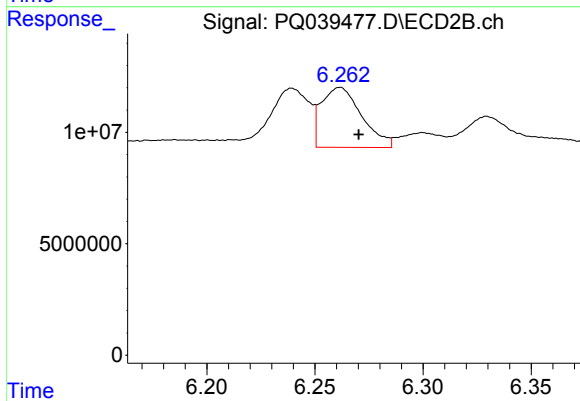
#3 AR-1016-1

R.T.: 6.240 min
Delta R.T.: -0.009 min
Response: 35829201
Conc: 321.91 ng/ml



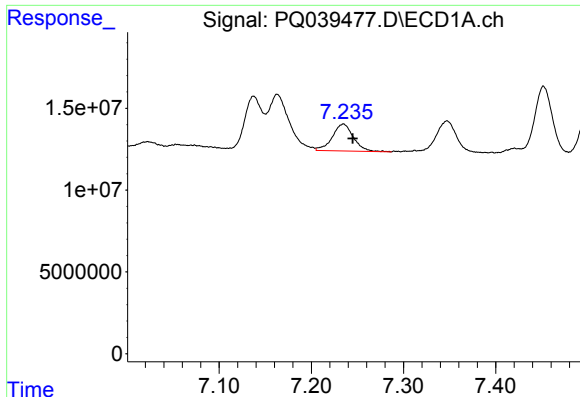
#4 AR-1016-2

R.T.: 7.163 min
Delta R.T.: -0.011 min
Response: 52770745
Conc: 200.62 ng/ml



#4 AR-1016-2

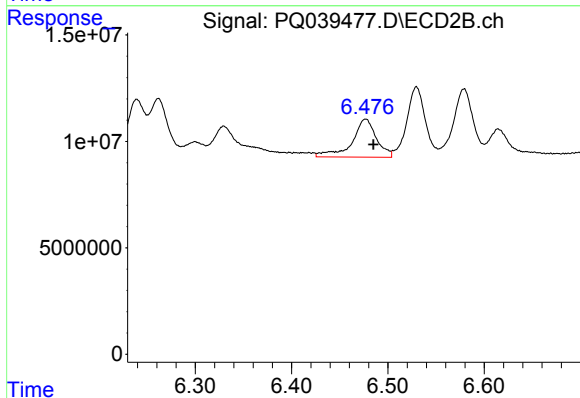
R.T.: 6.261 min
Delta R.T.: -0.009 min
Response: 34891227
Conc: 216.55 ng/ml



#5 AR-1016-3

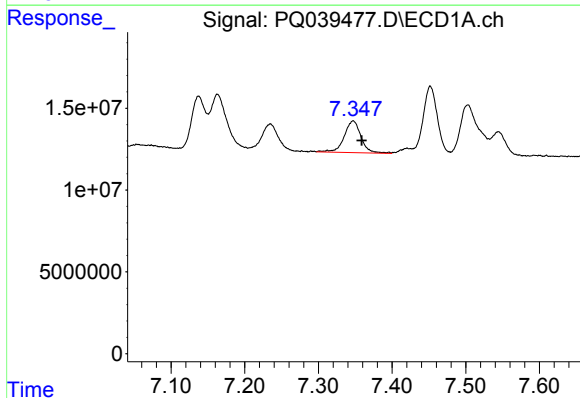
R.T.: 7.235 min
Delta R.T.: -0.010 min
Response: 26076898
Conc: 156.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



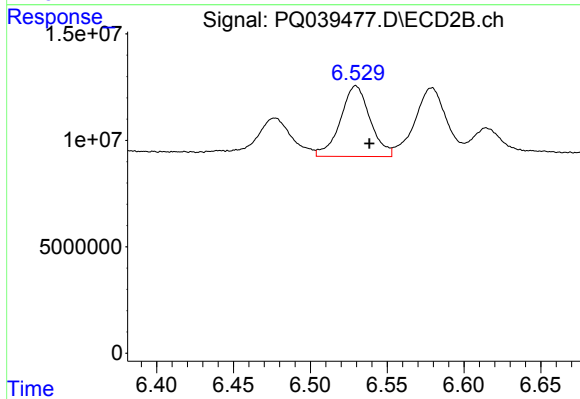
#5 AR-1016-3

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 31420007
Conc: 375.87 ng/ml



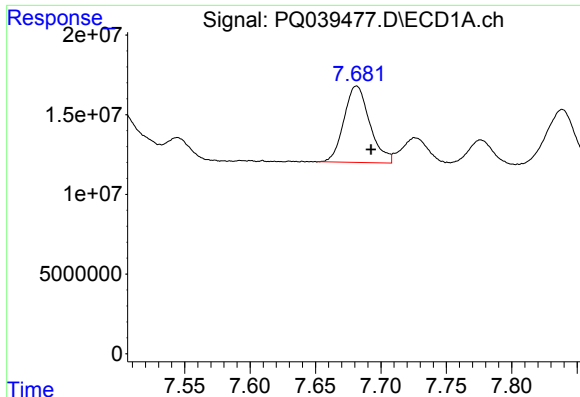
#6 AR-1016-4

R.T.: 7.347 min
Delta R.T.: -0.012 min
Response: 30800102
Conc: 224.86 ng/ml



#6 AR-1016-4

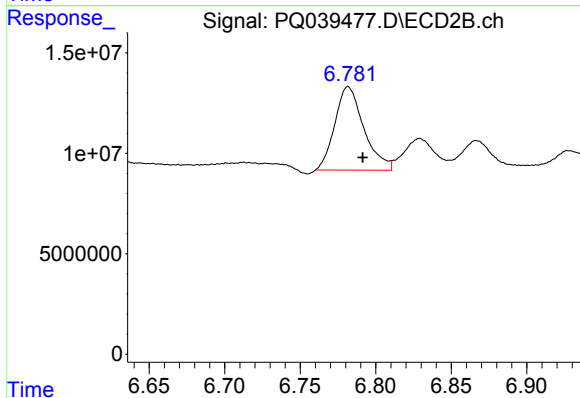
R.T.: 6.530 min
Delta R.T.: -0.009 min
Response: 44769673
Conc: 671.20 ng/ml



#7 AR-1016-5

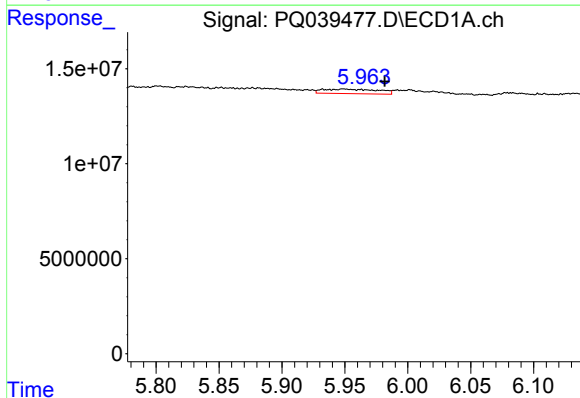
R.T.: 7.681 min
Delta R.T.: -0.011 min
Response: 65877262
Conc: 472.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



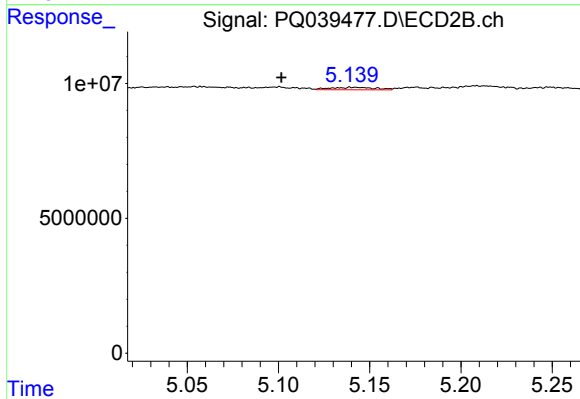
#7 AR-1016-5

R.T.: 6.782 min
Delta R.T.: -0.009 min
Response: 55593666
Conc: 568.19 ng/ml



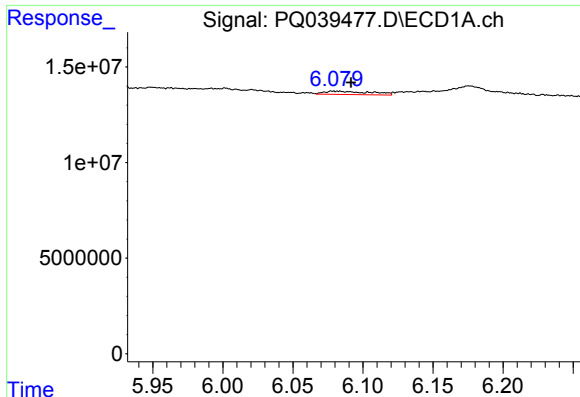
#8 AR-1221-1

R.T.: 5.949 min
Delta R.T.: -0.033 min
Response: 7384201
Conc: 186.48 ng/ml



#8 AR-1221-1

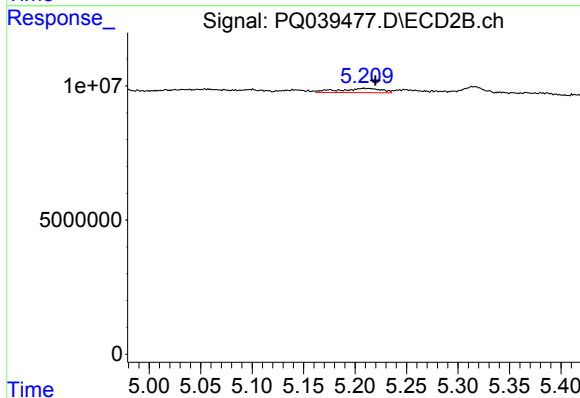
R.T.: 5.142 min
Delta R.T.: 0.041 min
Response: 1575362
Conc: 69.19 ng/ml



#9 AR-1221-2

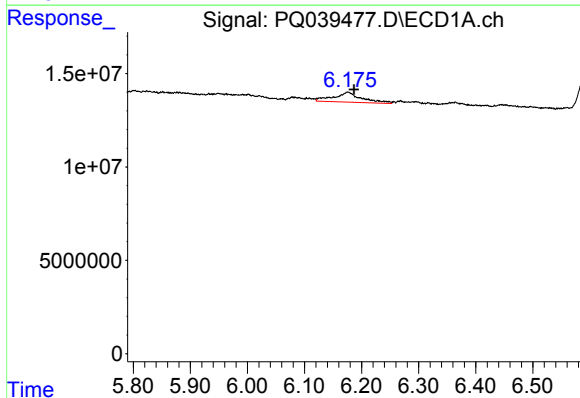
R.T.: 6.083 min
Delta R.T.: -0.009 min
Response: 4051309
Conc: 140.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



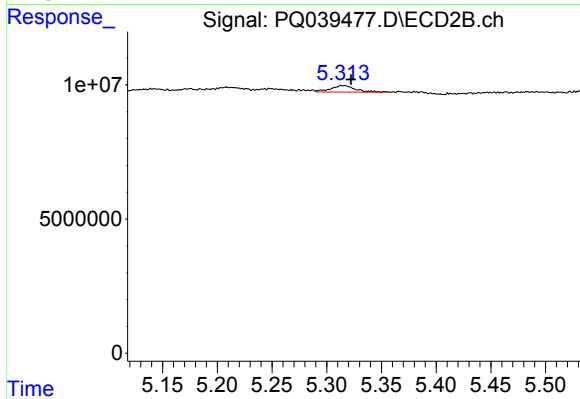
#9 AR-1221-2

R.T.: 5.209 min
Delta R.T.: -0.010 min
Response: 4570823
Conc: 278.69 ng/ml



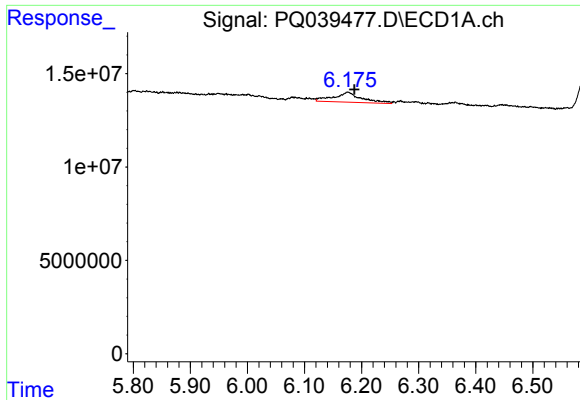
#10 AR-1221-3

R.T.: 6.176 min
Delta R.T.: -0.011 min
Response: 18176812
Conc: 181.79 ng/ml



#10 AR-1221-3

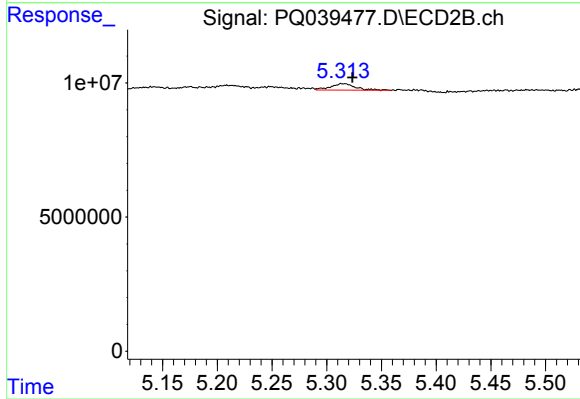
R.T.: 5.315 min
Delta R.T.: -0.007 min
Response: 3890116
Conc: 68.32 ng/ml



#11 AR-1232-1

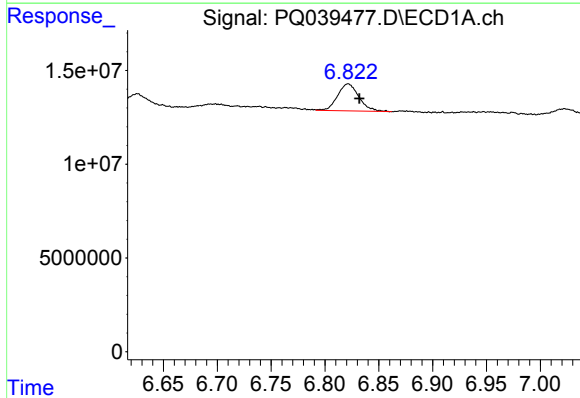
R.T.: 6.176 min
Delta R.T.: -0.012 min
Response: 18176812
Conc: 271.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



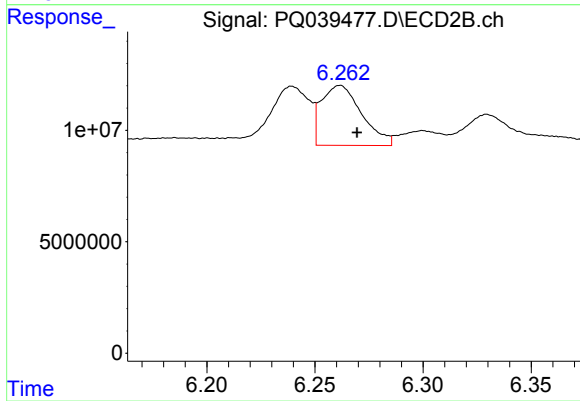
#11 AR-1232-1

R.T.: 5.315 min
Delta R.T.: -0.008 min
Response: 3890116
Conc: 104.58 ng/ml



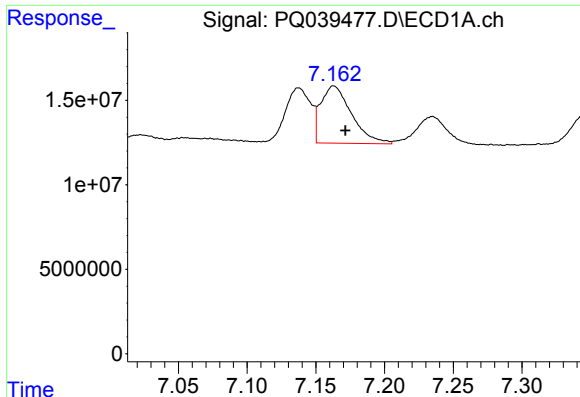
#12 AR-1232-2

R.T.: 6.822 min
Delta R.T.: -0.010 min
Response: 20020114
Conc: 567.53 ng/ml



#12 AR-1232-2

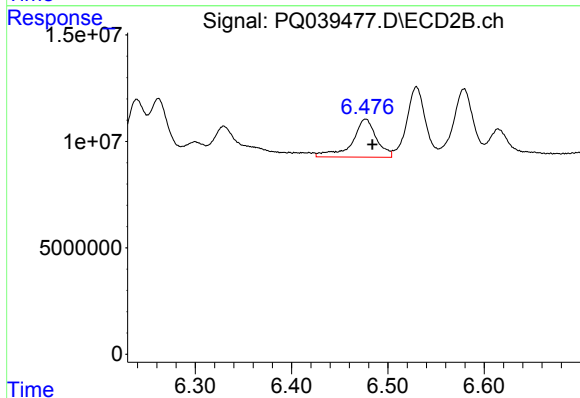
R.T.: 6.261 min
Delta R.T.: -0.008 min
Response: 34891227
Conc: 805.48 ng/ml



#13 AR-1232-3

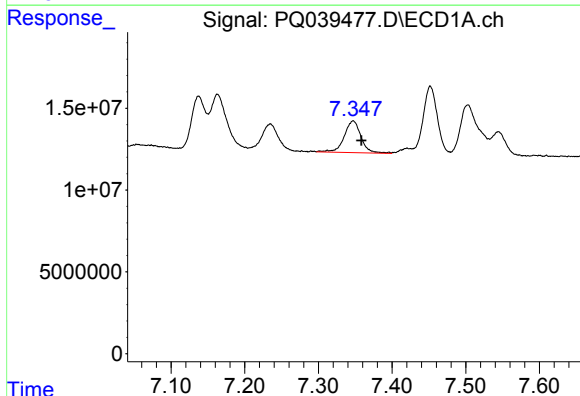
R.T.: 7.163 min
Delta R.T.: -0.009 min
Response: 52770745
Conc: 718.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



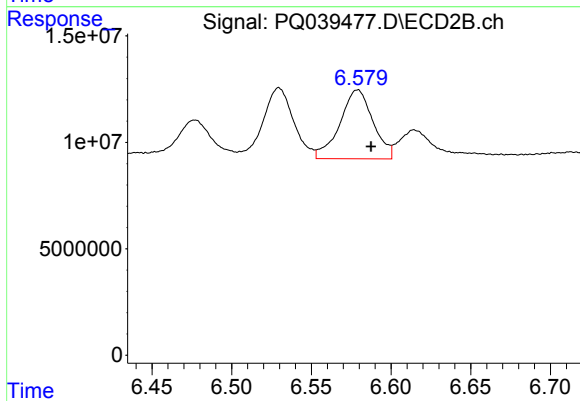
#13 AR-1232-3

R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 31420007
Conc: 1406.79 ng/ml



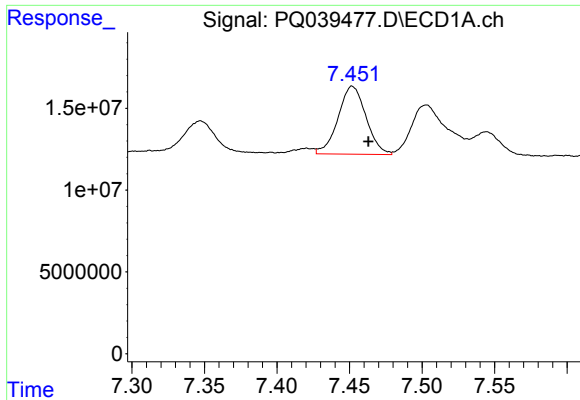
#14 AR-1232-4

R.T.: 7.347 min
Delta R.T.: -0.011 min
Response: 30800102
Conc: 788.69 ng/ml



#14 AR-1232-4

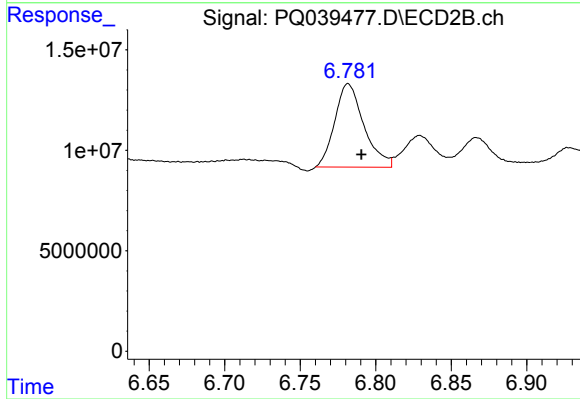
R.T.: 6.579 min
Delta R.T.: -0.008 min
Response: 46962069
Conc: 2146.53 ng/ml



#15 AR-1232-5

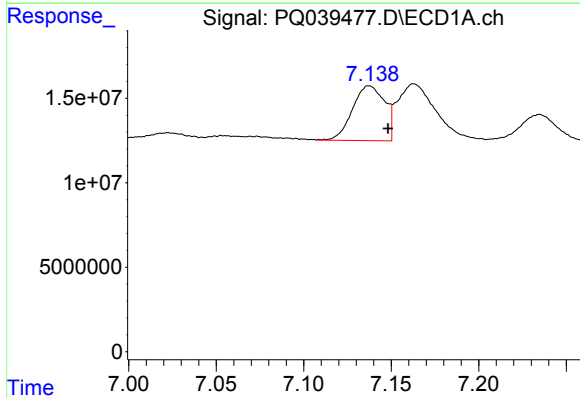
R.T.: 7.452 min
Delta R.T.: -0.011 min
Response: 55794392
Conc: 1988.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



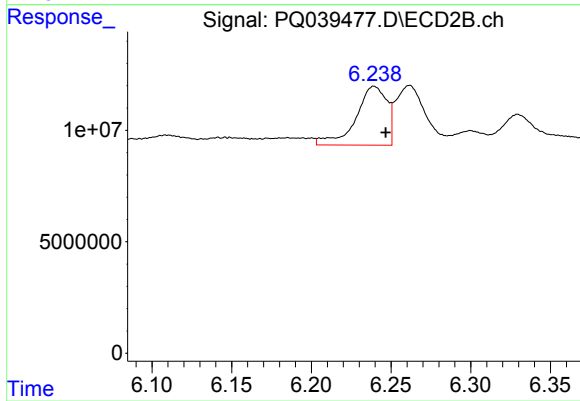
#15 AR-1232-5

R.T.: 6.782 min
Delta R.T.: -0.009 min
Response: 55593666
Conc: 2206.59 ng/ml



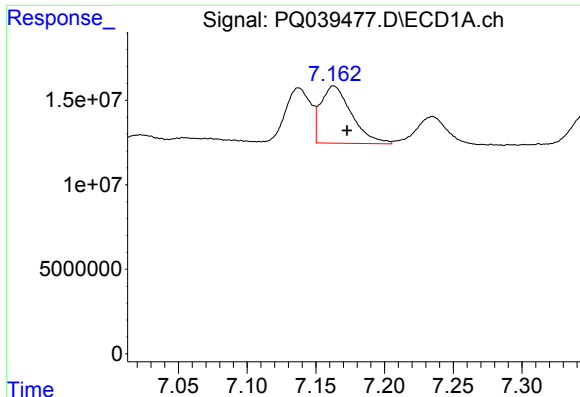
#16 AR-1242-1

R.T.: 7.138 min
Delta R.T.: -0.011 min
Response: 41398248
Conc: 375.29 ng/ml



#16 AR-1242-1

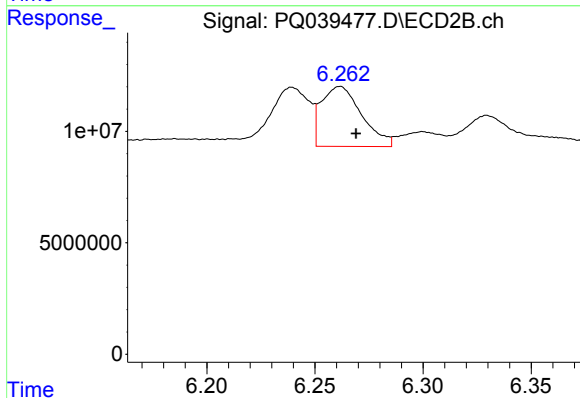
R.T.: 6.240 min
Delta R.T.: -0.007 min
Response: 35829201
Conc: 516.26 ng/ml



#17 AR-1242-2

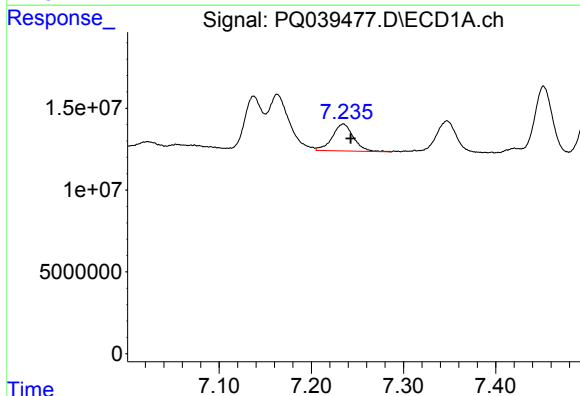
R.T.: 7.163 min
Delta R.T.: -0.010 min
Response: 52770745
Conc: 320.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



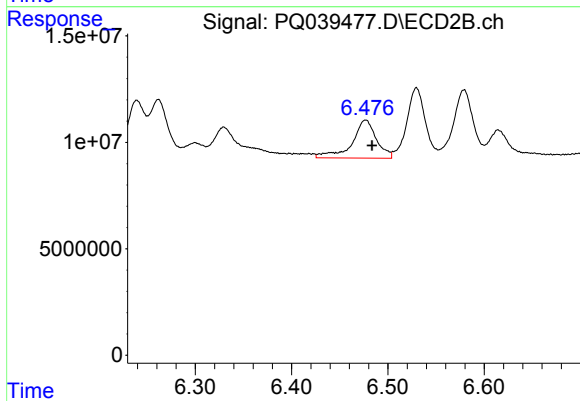
#17 AR-1242-2

R.T.: 6.261 min
Delta R.T.: -0.008 min
Response: 34891227
Conc: 349.70 ng/ml



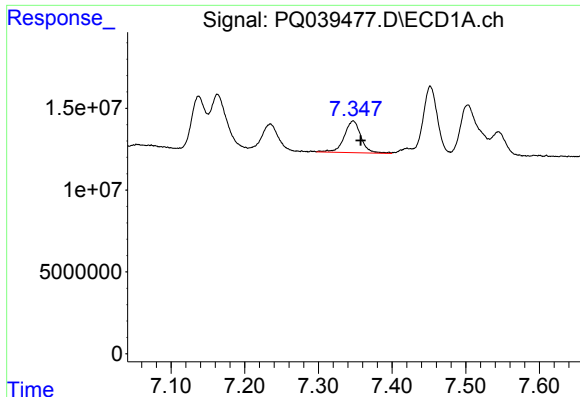
#18 AR-1242-3

R.T.: 7.235 min
Delta R.T.: -0.008 min
Response: 26076898
Conc: 247.10 ng/ml



#18 AR-1242-3

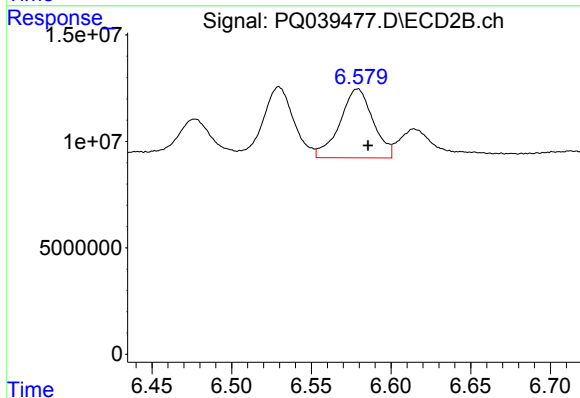
R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 31420007
Conc: 585.21 ng/ml



#19 AR-1242-4

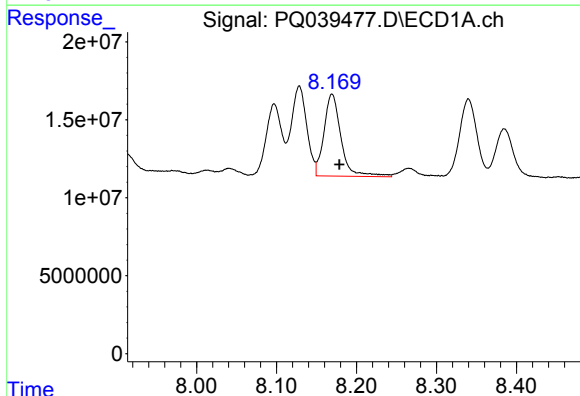
R.T.: 7.347 min
Delta R.T.: -0.010 min
Response: 30800102
Conc: 345.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



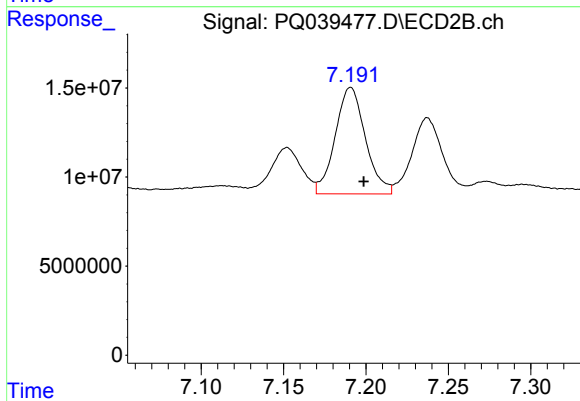
#19 AR-1242-4

R.T.: 6.579 min
Delta R.T.: -0.007 min
Response: 46962069
Conc: 842.27 ng/ml



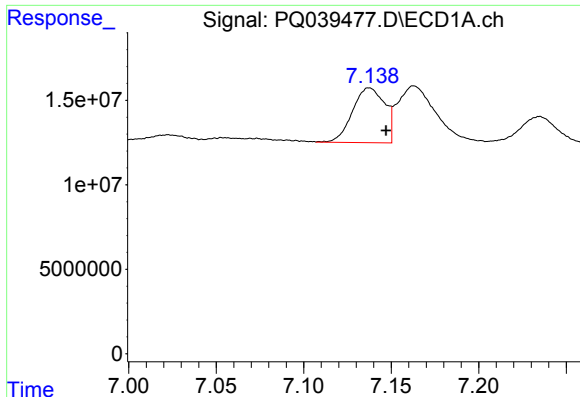
#20 AR-1242-5

R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 78038735
Conc: 799.20 ng/ml



#20 AR-1242-5

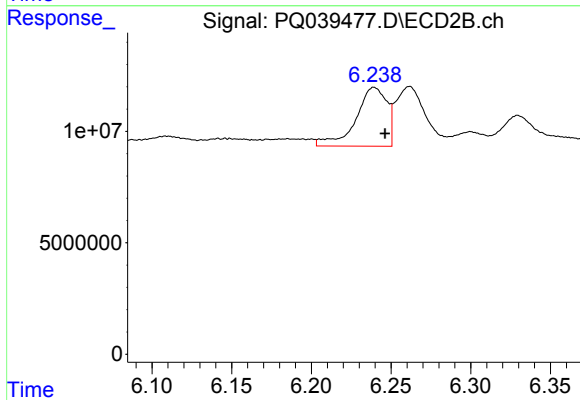
R.T.: 7.191 min
Delta R.T.: -0.008 min
Response: 76328933
Conc: 1007.92 ng/ml



#21 AR-1248-1

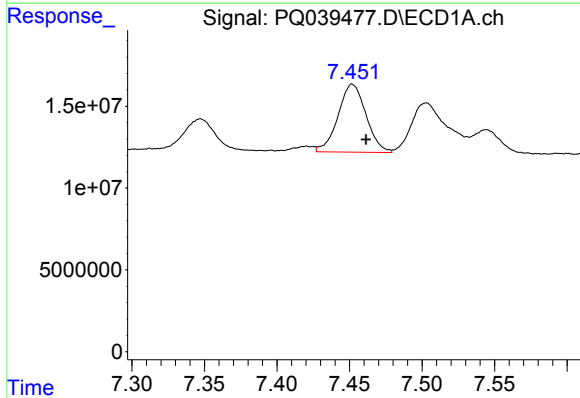
R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 41398248
Conc: 352.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



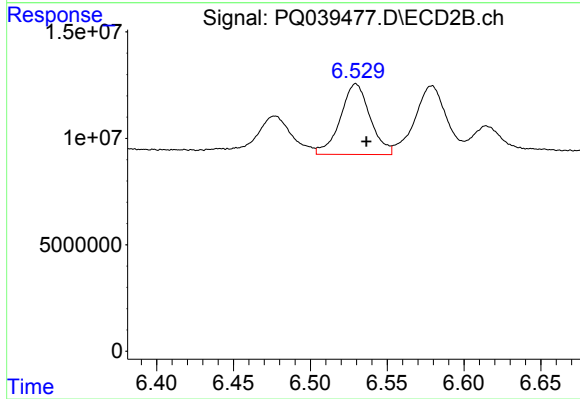
#21 AR-1248-1

R.T.: 6.240 min
Delta R.T.: -0.007 min
Response: 35829201
Conc: 460.50 ng/ml



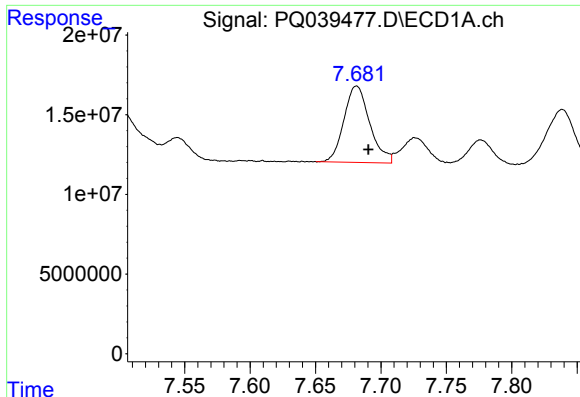
#22 AR-1248-2

R.T.: 7.452 min
Delta R.T.: -0.010 min
Response: 55794392
Conc: 340.57 ng/ml



#22 AR-1248-2

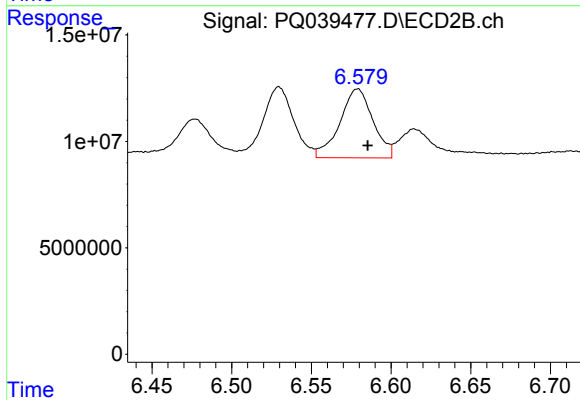
R.T.: 6.530 min
Delta R.T.: -0.007 min
Response: 44769673
Conc: 414.85 ng/ml



#23 AR-1248-3

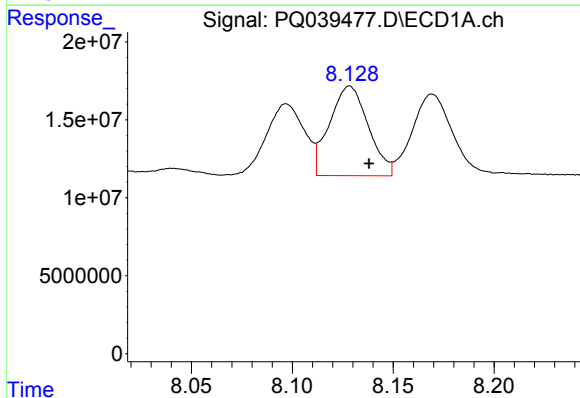
R.T.: 7.681 min
Delta R.T.: -0.009 min
Response: 65877262
Conc: 338.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



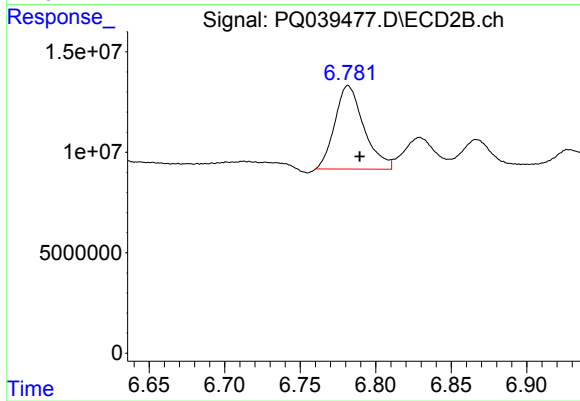
#23 AR-1248-3

R.T.: 6.579 min
Delta R.T.: -0.007 min
Response: 46962069
Conc: 414.66 ng/ml



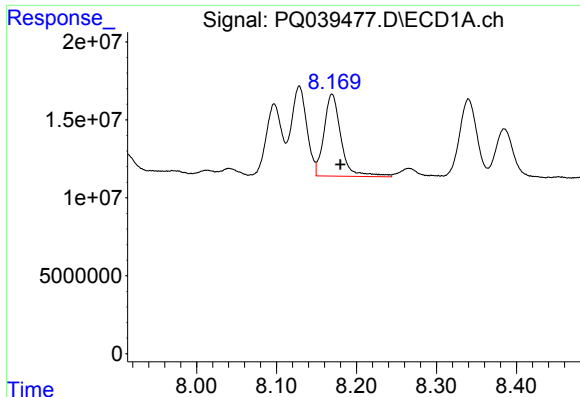
#24 AR-1248-4

R.T.: 8.128 min
Delta R.T.: -0.010 min
Response: 77117177
Conc: 357.16 ng/ml



#24 AR-1248-4

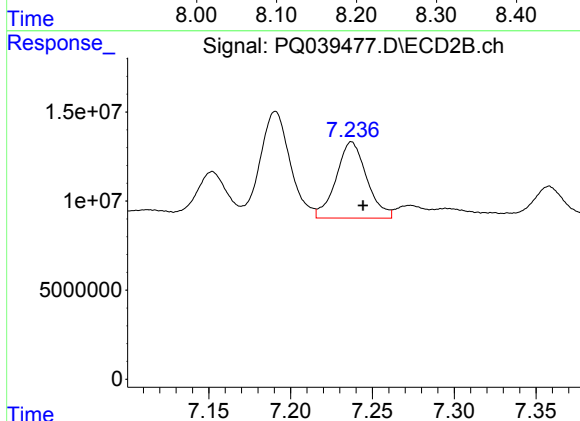
R.T.: 6.782 min
Delta R.T.: -0.007 min
Response: 55593666
Conc: 394.10 ng/ml



#25 AR-1248-5

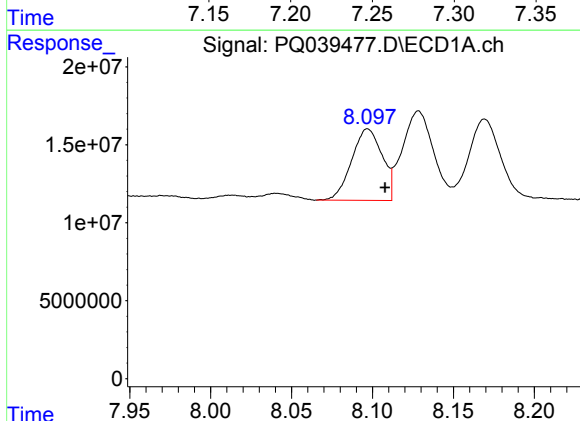
R.T.: 8.169 min
Delta R.T.: -0.010 min
Response: 78038735
Conc: 366.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



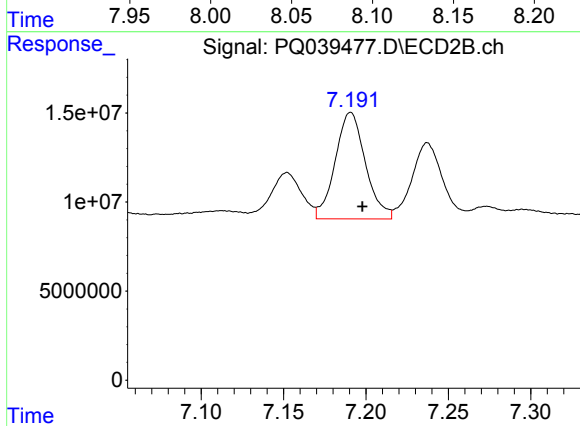
#25 AR-1248-5

R.T.: 7.237 min
Delta R.T.: -0.007 min
Response: 55907016
Conc: 396.34 ng/ml



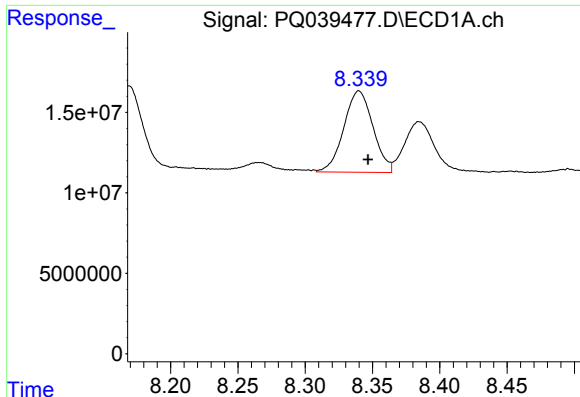
#26 AR-1254-1

R.T.: 8.097 min
Delta R.T.: -0.011 min
Response: 60291234
Conc: 299.36 ng/ml



#26 AR-1254-1

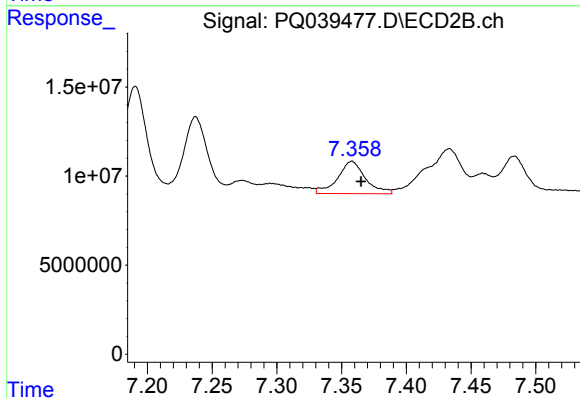
R.T.: 7.191 min
Delta R.T.: -0.007 min
Response: 76328933
Conc: 385.61 ng/ml



#27 AR-1254-2

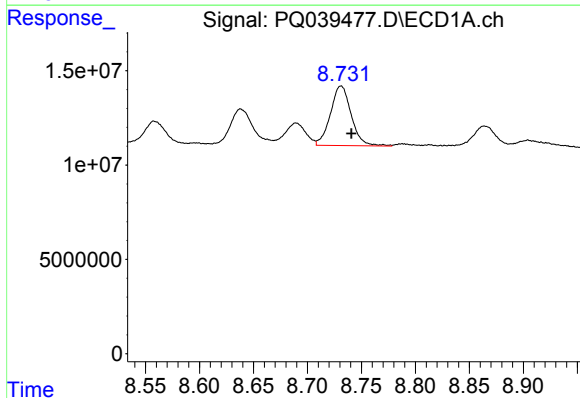
R.T.: 8.340 min
Delta R.T.: -0.007 min
Response: 76357988
Conc: 239.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



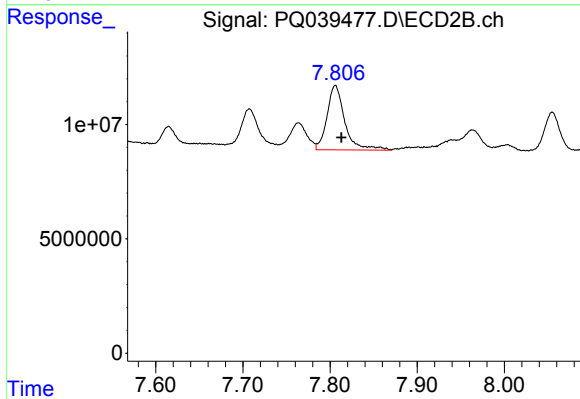
#27 AR-1254-2

R.T.: 7.358 min
Delta R.T.: -0.007 min
Response: 27260170
Conc: 154.57 ng/ml



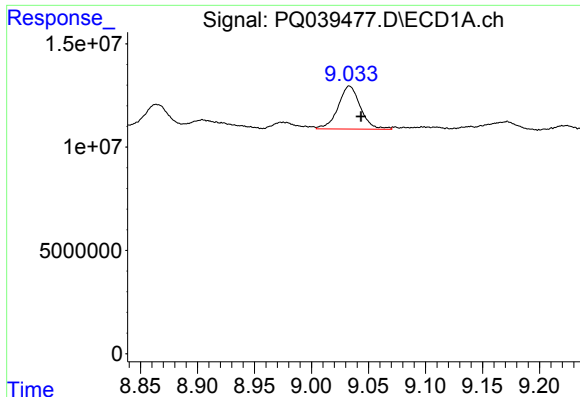
#28 AR-1254-3

R.T.: 8.731 min
Delta R.T.: -0.010 min
Response: 42154603
Conc: 123.69 ng/ml



#28 AR-1254-3

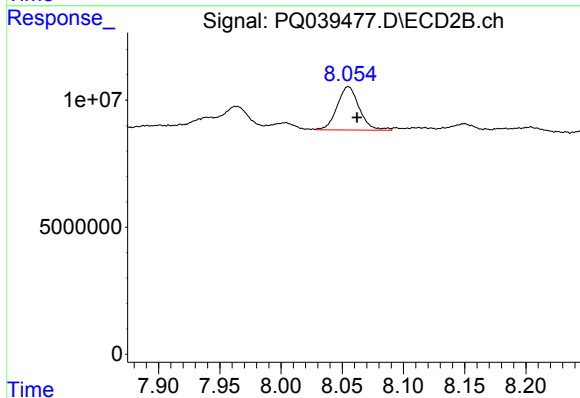
R.T.: 7.806 min
Delta R.T.: -0.007 min
Response: 39890971
Conc: 133.65 ng/ml



#29 AR-1254-4

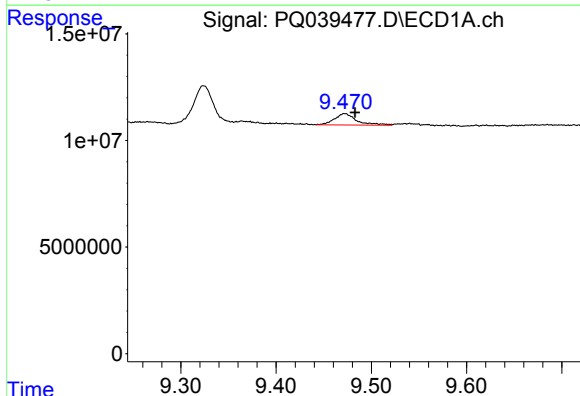
R.T.: 9.033 min
Delta R.T.: -0.010 min
Response: 28430222
Conc: 120.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



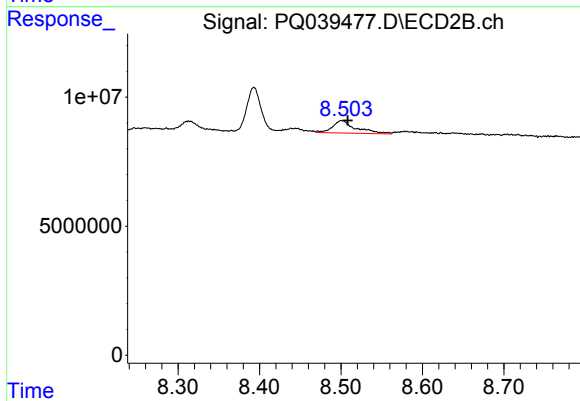
#29 AR-1254-4

R.T.: 8.055 min
Delta R.T.: -0.007 min
Response: 21384904
Conc: 123.22 ng/ml



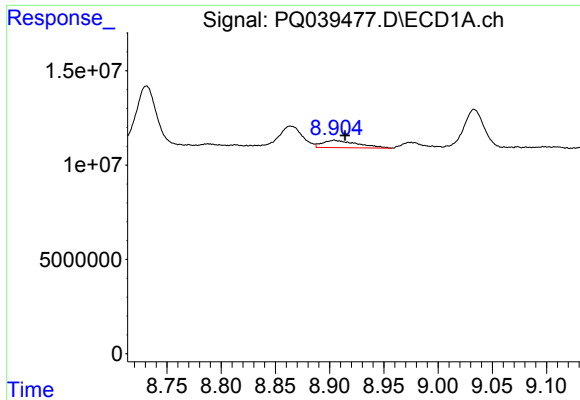
#30 AR-1254-5

R.T.: 9.472 min
Delta R.T.: -0.011 min
Response: 8615963
Conc: 31.60 ng/ml



#30 AR-1254-5

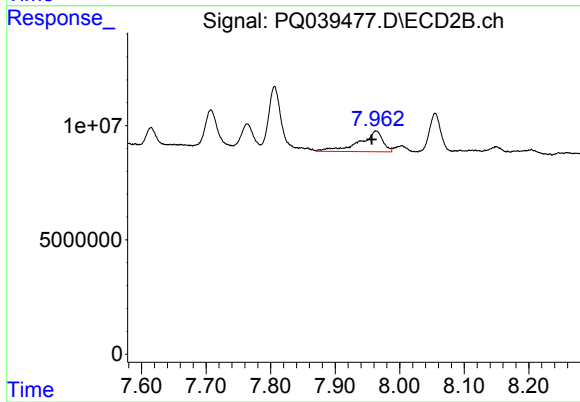
R.T.: 8.501 min
Delta R.T.: -0.007 min
Response: 9799278
Conc: 38.20 ng/ml



#31 AR-1260-1

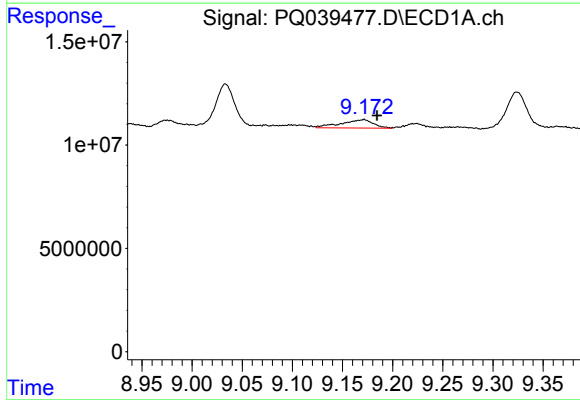
R.T.: 8.904 min
Delta R.T.: -0.010 min
Response: 8584617
Conc: 26.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



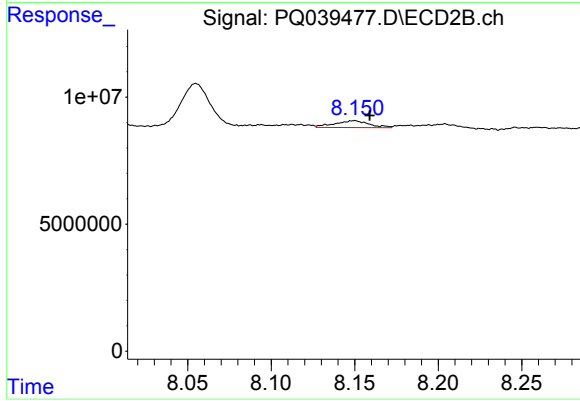
#31 AR-1260-1

R.T.: 7.963 min
Delta R.T.: 0.007 min
Response: 22848499
Conc: 96.72 ng/ml



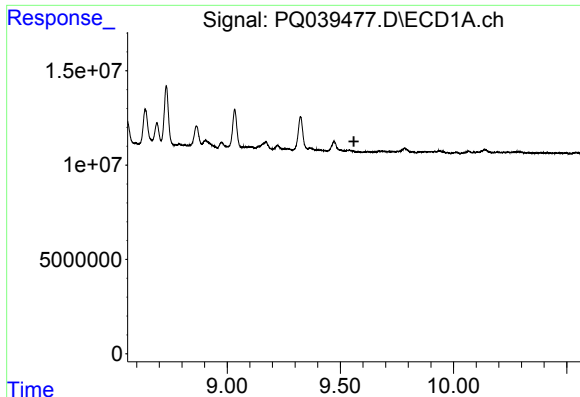
#32 AR-1260-2

R.T.: 9.172 min
Delta R.T.: -0.013 min
Response: 8994151
Conc: 22.74 ng/ml



#32 AR-1260-2

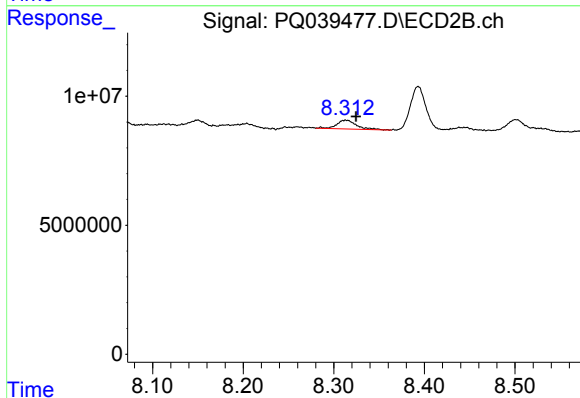
R.T.: 8.149 min
Delta R.T.: -0.010 min
Response: 3899925
Conc: 13.19 ng/ml



#33 AR-1260-3

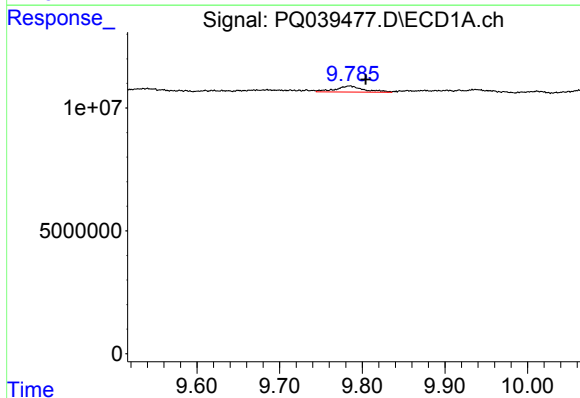
R.T.: 0.000 min
Exp R.T.: 9.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248314



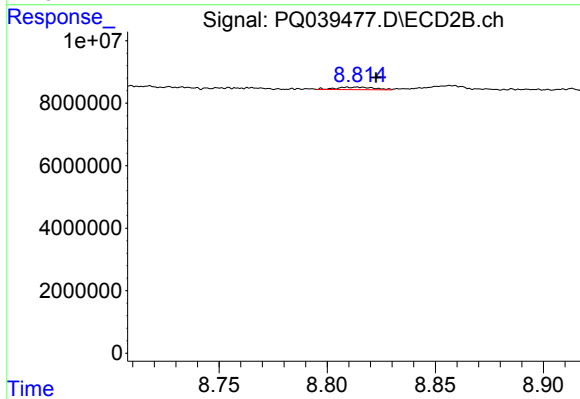
#33 AR-1260-3

R.T.: 8.313 min
Delta R.T.: -0.011 min
Response: 5050122
Conc: 18.12 ng/ml



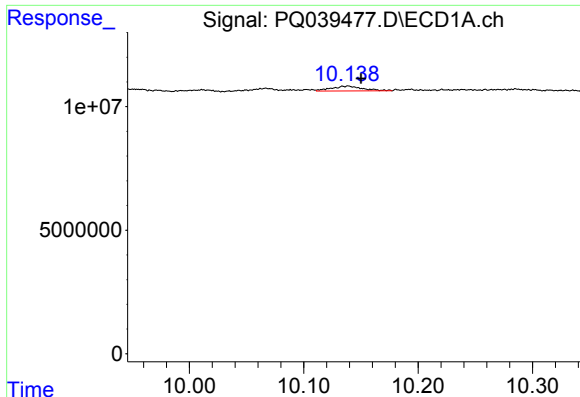
#34 AR-1260-4

R.T.: 9.785 min
Delta R.T.: -0.020 min
Response: 5835214
Conc: 16.09 ng/ml



#34 AR-1260-4

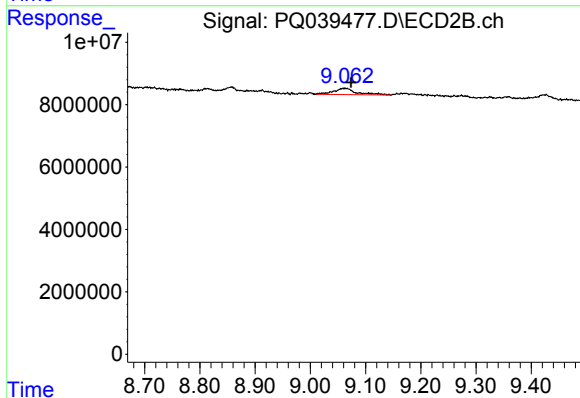
R.T.: 8.813 min
Delta R.T.: -0.010 min
Response: 989479
Conc: 4.17 ng/ml



#35 AR-1260-5

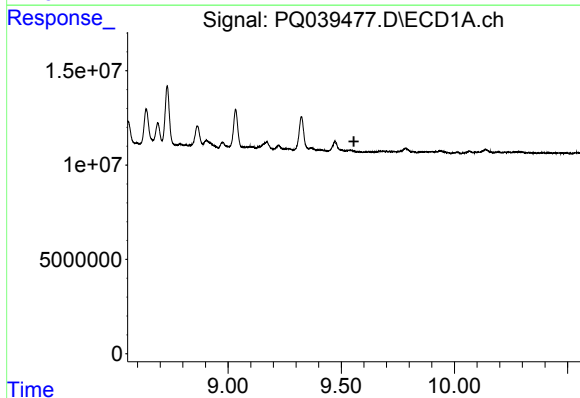
R.T.: 10.139 min
Delta R.T.: -0.011 min
Response: 3707422
Conc: 4.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



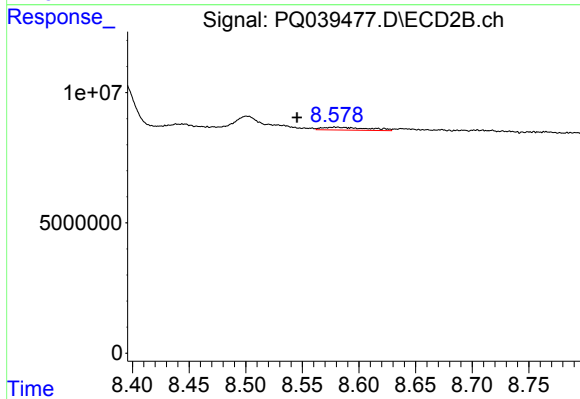
#35 AR-1260-5

R.T.: 9.063 min
Delta R.T.: -0.011 min
Response: 5887970
Conc: 9.84 ng/ml



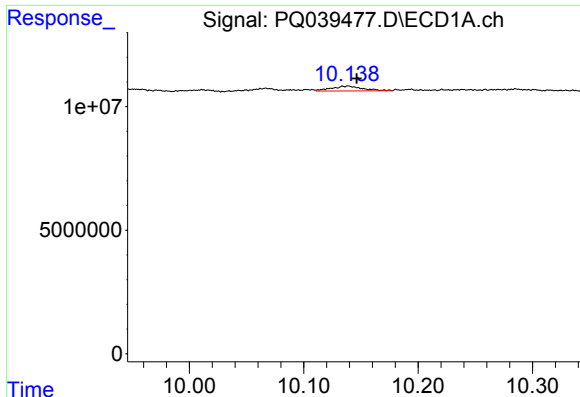
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.556 min
Response: 0
Conc: N.D.



#36 AR-1262-1

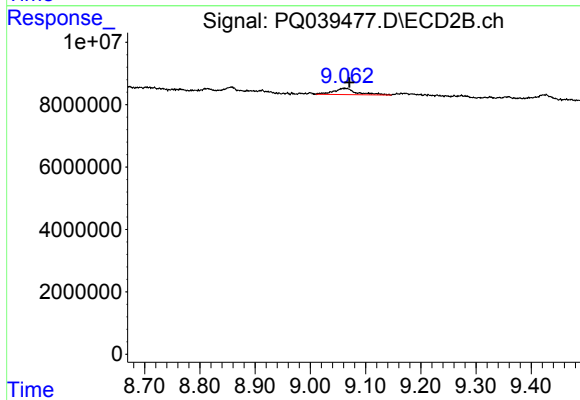
R.T.: 8.579 min
Delta R.T.: 0.034 min
Response: 3050422
Conc: 11.04 ng/ml



#37 AR-1262-2

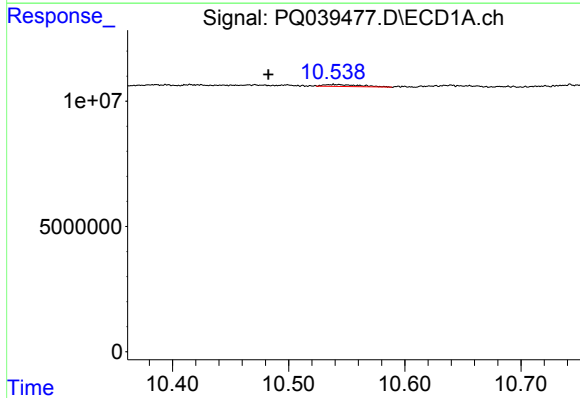
R.T.: 10.139 min
Delta R.T.: -0.007 min
Response: 3707422
Conc: 6.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



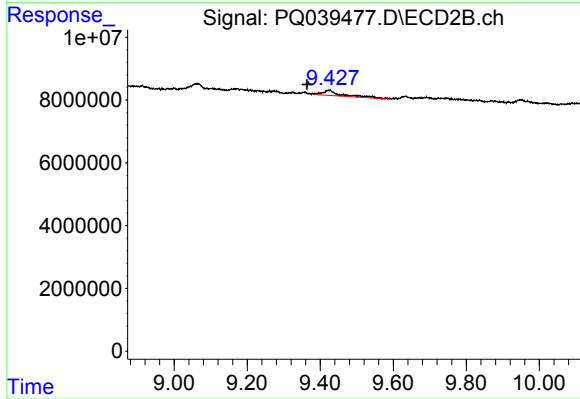
#37 AR-1262-2

R.T.: 9.063 min
Delta R.T.: -0.008 min
Response: 5887970
Conc: 12.03 ng/ml



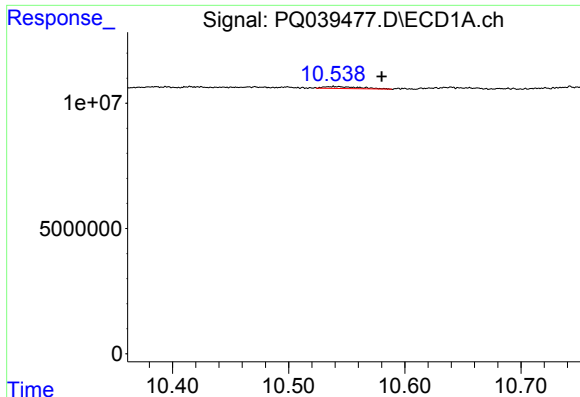
#38 AR-1262-3

R.T.: 10.539 min
Delta R.T.: 0.056 min
Response: 1702886
Conc: 4.04 ng/ml



#38 AR-1262-3

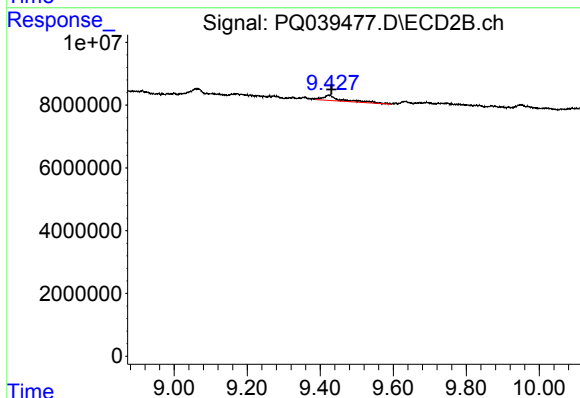
R.T.: 9.424 min
Delta R.T.: 0.061 min
Response: 5986476
Conc: 32.13 ng/ml



#39 AR-1262-4

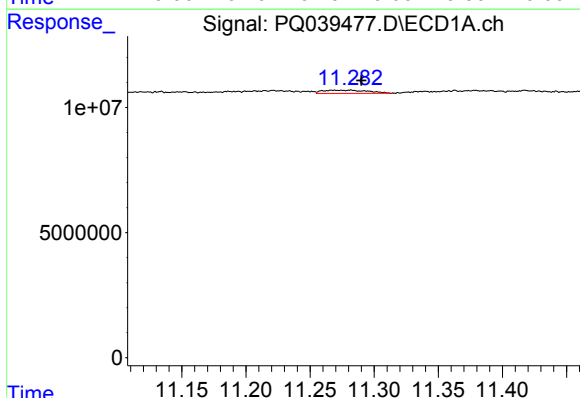
R.T.: 10.539 min
Delta R.T.: -0.041 min
Response: 1702886
Conc: 4.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



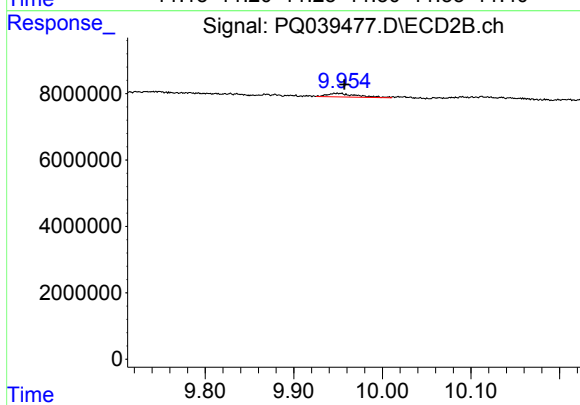
#39 AR-1262-4

R.T.: 9.424 min
Delta R.T.: -0.007 min
Response: 5986476
Conc: 16.64 ng/ml



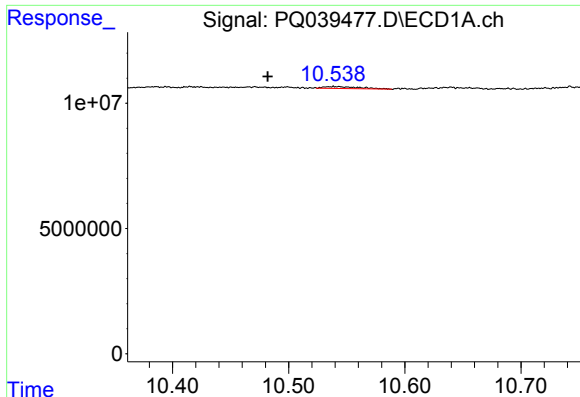
#40 AR-1262-5

R.T.: 11.282 min
Delta R.T.: -0.008 min
Response: 3083801
Conc: 13.72 ng/ml



#40 AR-1262-5

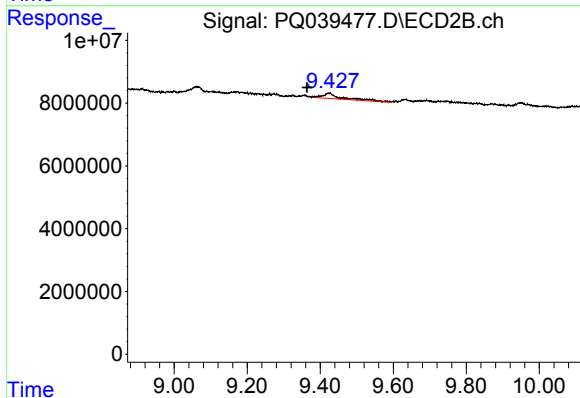
R.T.: 9.950 min
Delta R.T.: -0.008 min
Response: 2417948
Conc: 15.98 ng/ml



#41 AR-1268-1

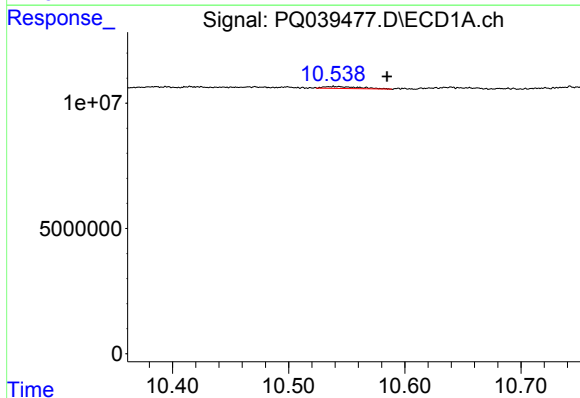
R.T.: 10.539 min
Delta R.T.: 0.057 min
Response: 1702886
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



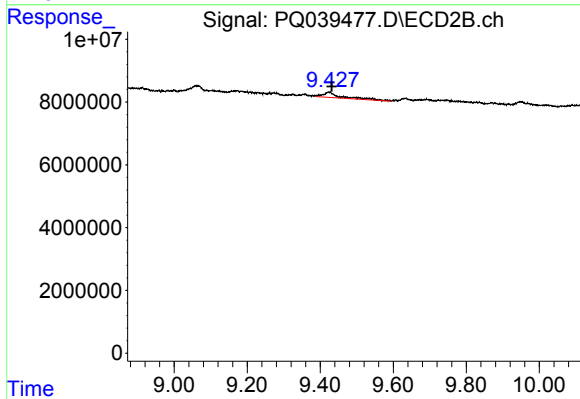
#41 AR-1268-1

R.T.: 9.424 min
Delta R.T.: 0.060 min
Response: 5986476
Conc: 5.69 ng/ml



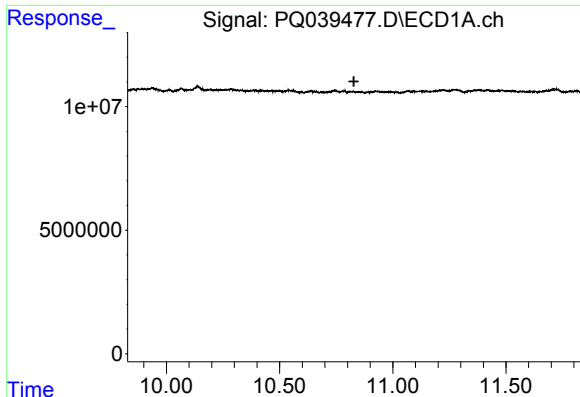
#42 AR-1268-2

R.T.: 10.539 min
Delta R.T.: -0.046 min
Response: 1702886
Conc: 1.27 ng/ml



#42 AR-1268-2

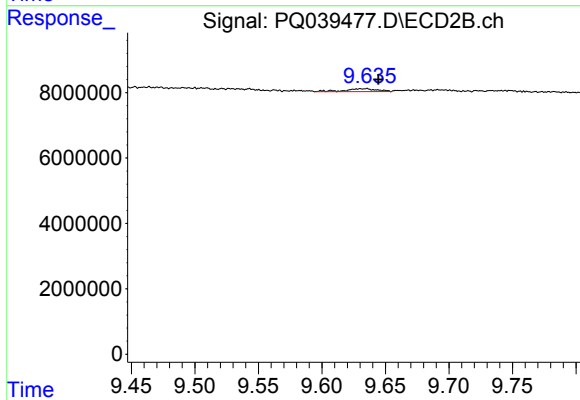
R.T.: 9.424 min
Delta R.T.: -0.007 min
Response: 5986476
Conc: 6.17 ng/ml



#43 AR-1268-3

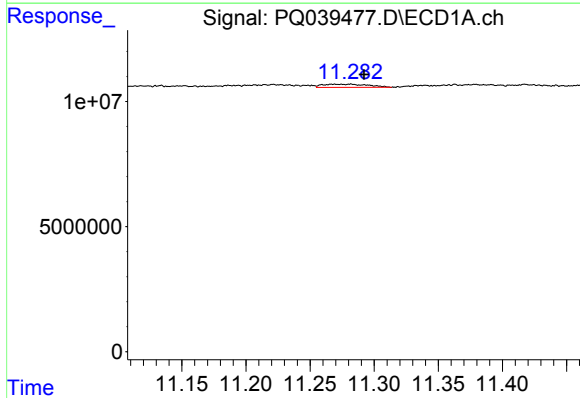
R.T.: 0.000 min
Exp R.T.: 10.828 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248314



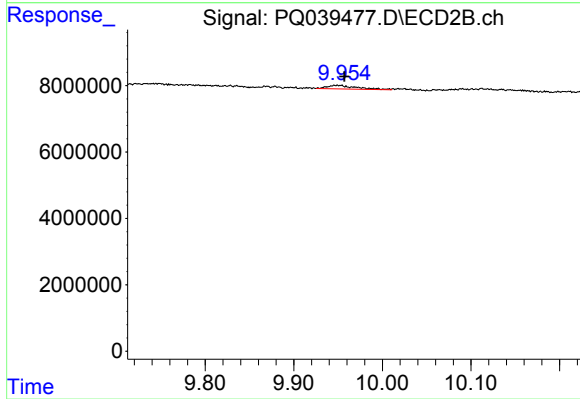
#43 AR-1268-3

R.T.: 9.633 min
Delta R.T.: -0.012 min
Response: 1565793
Conc: 1.90 ng/ml



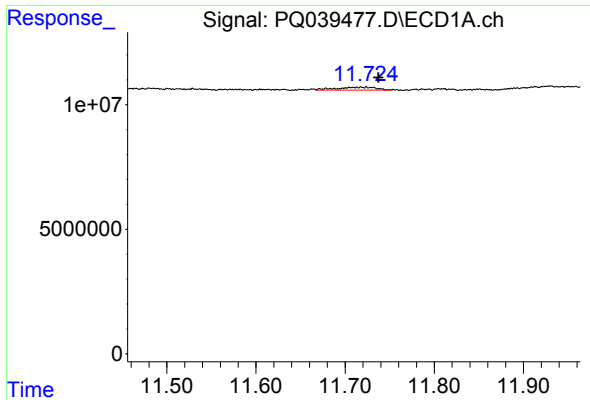
#44 AR-1268-4

R.T.: 11.282 min
Delta R.T.: -0.010 min
Response: 3083801
Conc: 7.20 ng/ml



#44 AR-1268-4

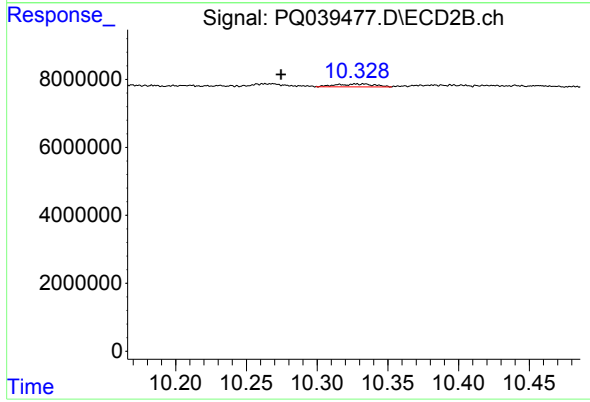
R.T.: 9.950 min
Delta R.T.: -0.007 min
Response: 2417948
Conc: 8.08 ng/ml



#45 AR-1268-5

R.T.: 11.724 min
Delta R.T.: -0.014 min
Response: 3584781
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248314



#45 AR-1268-5

R.T.: 10.329 min
Delta R.T.: 0.055 min
Response: 1603984
Conc: 0.65 ng/ml