

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050819\
 Data File : PQ039501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2019 13:28
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660315

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 00:43:28 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...	5.685	4.783	85150413	39795240	28.103	24.012
2)	SA Decachlor...	12.083	10.544	256.1E6	118.4E6	41.910	35.097
Target Compounds							
3)	L1 AR-1016-1	7.160	6.258	141.3E6	78914912	806.452	709.019
4)	L1 AR-1016-2	7.160	6.258	141.3E6	78914912	537.220	489.784
5)	L1 AR-1016-3	7.231	6.472	89204149	41962807	535.938	501.992
6)	L1 AR-1016-4	7.345	6.526	74840723	31088054	546.390	466.081
7)	L1 AR-1016-5	7.679	6.778	69433154	41383788	498.380	422.961
8)	L2 AR-1221-1	5.964	5.089	8522915	3917357	215.238	172.059
9)	L2 AR-1221-2	6.076	5.207	19004189	8181520	658.720	498.843
10)	L2 AR-1221-3	6.172	5.310	48413189	25855231	484.186	454.113
11)	L3 AR-1232-1	6.172	5.310	48413189	25855231	723.095	695.101
12)	L3 AR-1232-2	6.818	6.258	64408504	78914912	1825.858	1821.782
13)	L3 AR-1232-3	7.160	6.472	141.3E6	41962807	1924.715	1878.825
14)	L3 AR-1232-4	7.345	6.574	74840723	44280042	1916.436	2023.942
15)	L3 AR-1232-5	7.450	6.778	54983498	41383788	1959.361	1642.582
16)	L4 AR-1242-1	7.160	6.258	141.3E6	78914912	1281.036	1137.082
17)	L4 AR-1242-2	7.160	6.258	141.3E6	78914912	858.880	790.933
18)	L4 AR-1242-3	7.231	6.472	89204149	41962807	845.296	781.567
19)	L4 AR-1242-4	7.345	6.574	74840723	44280042	839.634	794.170
20)	L4 AR-1242-5	8.168	7.188	22263161	44646967	228.000	589.560 #
21)	L5 AR-1248-1	7.135	6.235	91847090	59919159	781.297	770.118
22)	L5 AR-1248-2	7.450	6.526	54983498	31088054	335.620	288.072
23)	L5 AR-1248-3	7.679	6.574	69433154	44280042	356.363	390.982
24)	L5 AR-1248-4	8.127	6.778	26302456	41383788	121.817	293.368 #
25)	L5 AR-1248-5	8.168	7.234	22263161	11974789	104.579	84.893
26)	L6 AR-1254-1	8.096	7.188	67930470	44646967	337.291	225.553 #
27)	L6 AR-1254-2	8.334	7.355	59757307	33385282	187.718	189.297
28)	L6 AR-1254-3	8.730	7.819	29099132	67515545	85.384	226.195 #
29)	L6 AR-1254-4	9.032	8.053	20601928	7109780	87.050	40.967 #
30)	L6 AR-1254-5	9.473	8.498	220.9E6	139.1E6	810.324	542.364 #
31)	L7 AR-1260-1	8.903	7.945	152.8E6	101.1E6	464.313	427.833
32)	L7 AR-1260-2	9.174	8.148	181.8E6	121.6E6	459.596	411.093
33)	L7 AR-1260-3	9.550	8.313	141.8E6	117.6E6	461.200	422.092
34)	L7 AR-1260-4	9.793	8.812	166.7E6	96415069	459.760	406.392
35)	L7 AR-1260-5	10.140	9.064	349.2E6	235.9E6	458.692	394.463
36)	L8 AR-1262-1	9.550	8.537	141.8E6	101.3E6	413.949	366.667
37)	L8 AR-1262-2	10.140	9.064	349.2E6	235.9E6	572.222	482.151
38)	L8 AR-1262-3	10.496	9.357	225.5E6	47097906	535.404	252.772 #
39)	L8 AR-1262-4	10.553	9.425	142.4E6	166.9E6	417.205	463.855
40)	L8 AR-1262-5	11.282	9.952	105.0E6	57127832	467.319	377.458
41)	L9 AR-1268-1	10.496	9.357	225.5E6	47097906	162.108	44.773 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050819\
 Data File : PQ039501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2019 13:28
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

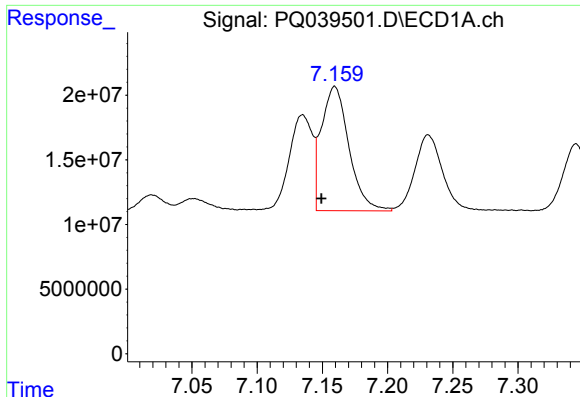
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660315

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 00:43:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	10.553	9.425	142.4E6	166.9E6	106.060	172.029 #
43) L9	AR-1268-3	10.819	9.637	12444082	5070906	10.716	6.150 #
44) L9	AR-1268-4	11.282	9.952	105.0E6	57127832	245.360	190.980
45) L9	AR-1268-5	11.725	10.268	27804065	13752800	7.289	5.542

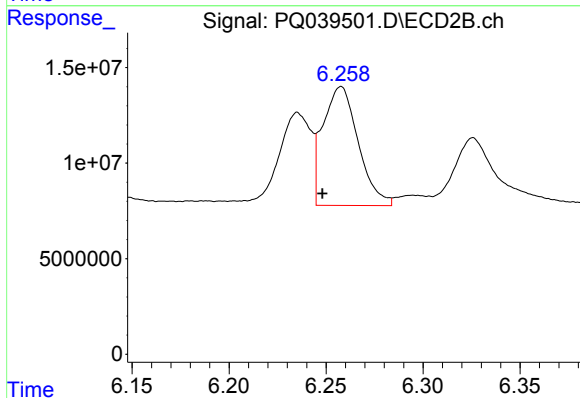
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

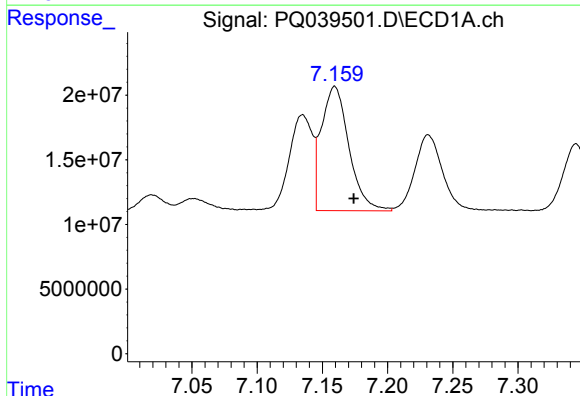
R.T.: 7.160 min
Delta R.T.: 0.010 min
Response: 141310008
Conc: 806.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



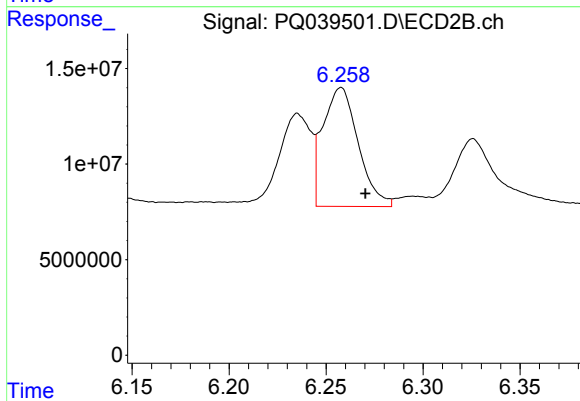
#3 AR-1016-1

R.T.: 6.258 min
Delta R.T.: 0.009 min
Response: 78914912
Conc: 709.02 ng/ml



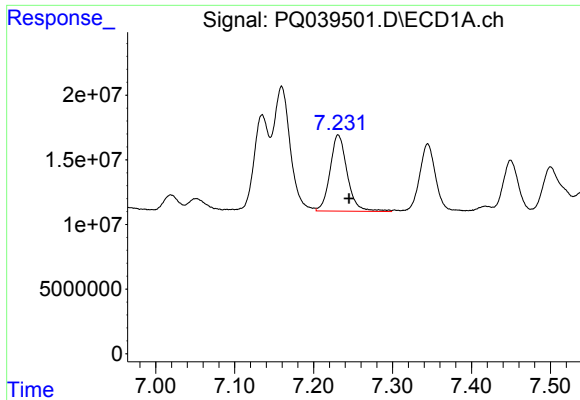
#4 AR-1016-2

R.T.: 7.160 min
Delta R.T.: -0.015 min
Response: 141310008
Conc: 537.22 ng/ml



#4 AR-1016-2

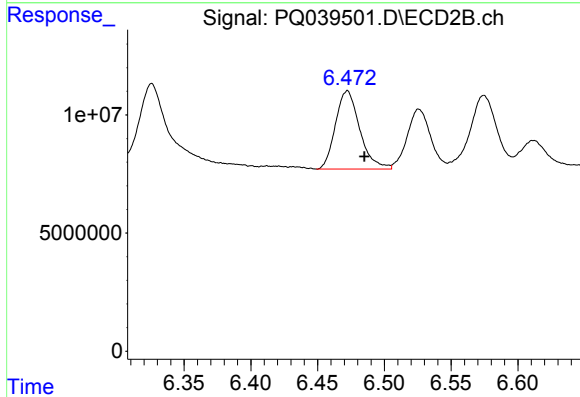
R.T.: 6.258 min
Delta R.T.: -0.013 min
Response: 78914912
Conc: 489.78 ng/ml



#5 AR-1016-3

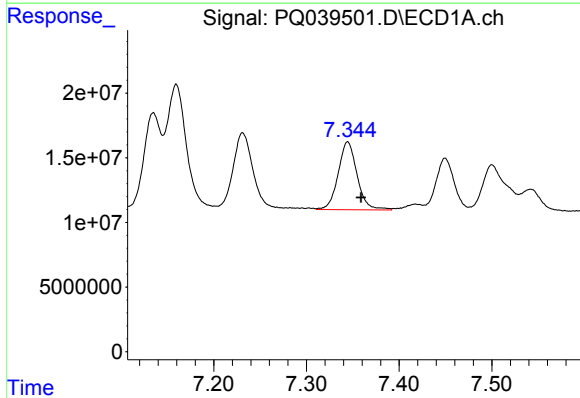
R.T.: 7.231 min
Delta R.T.: -0.014 min
Response: 89204149
Conc: 535.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



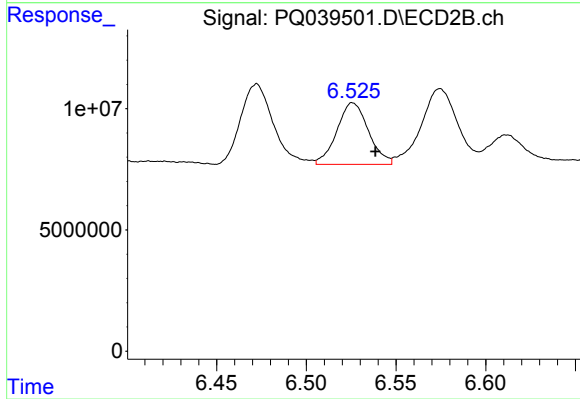
#5 AR-1016-3

R.T.: 6.472 min
Delta R.T.: -0.013 min
Response: 41962807
Conc: 501.99 ng/ml



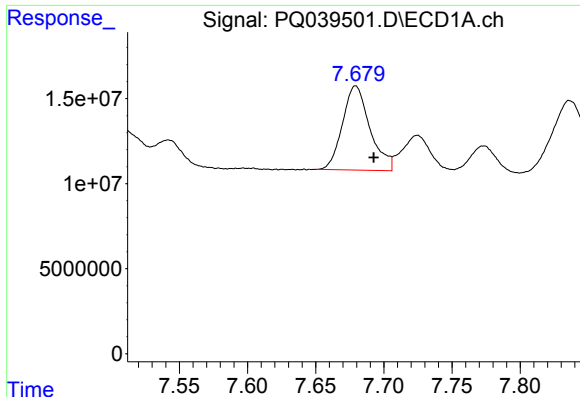
#6 AR-1016-4

R.T.: 7.345 min
Delta R.T.: -0.014 min
Response: 74840723
Conc: 546.39 ng/ml



#6 AR-1016-4

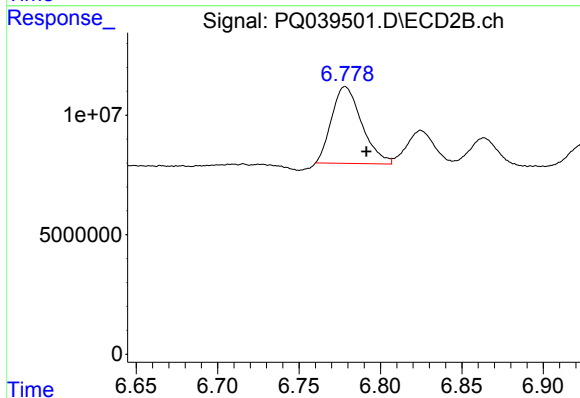
R.T.: 6.526 min
Delta R.T.: -0.013 min
Response: 31088054
Conc: 466.08 ng/ml



#7 AR-1016-5

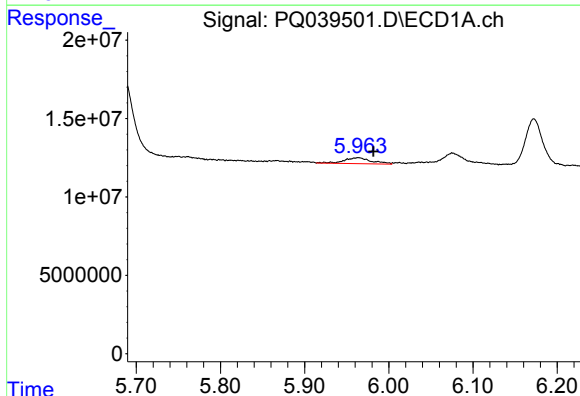
R.T.: 7.679 min
Delta R.T.: -0.013 min
Response: 69433154
Conc: 498.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



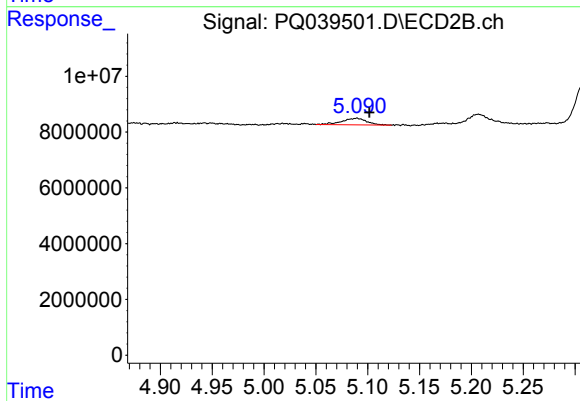
#7 AR-1016-5

R.T.: 6.778 min
Delta R.T.: -0.013 min
Response: 41383788
Conc: 422.96 ng/ml



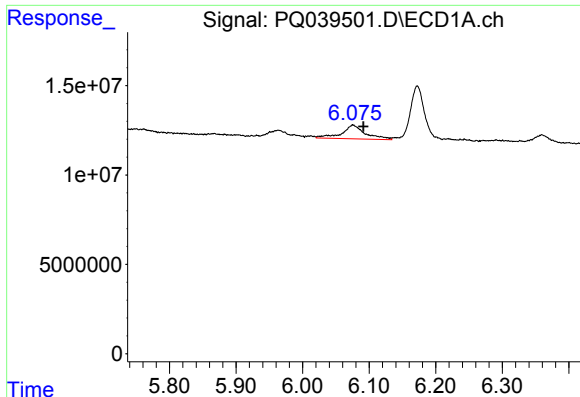
#8 AR-1221-1

R.T.: 5.964 min
Delta R.T.: -0.018 min
Response: 8522915
Conc: 215.24 ng/ml



#8 AR-1221-1

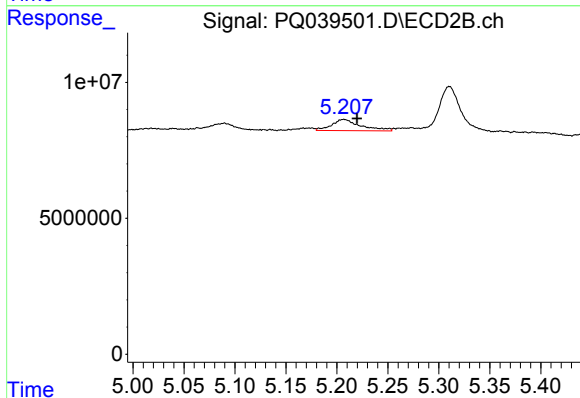
R.T.: 5.089 min
Delta R.T.: -0.012 min
Response: 3917357
Conc: 172.06 ng/ml



#9 AR-1221-2

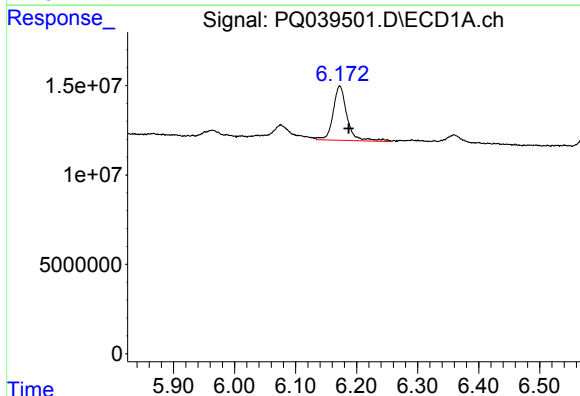
R.T.: 6.076 min
Delta R.T.: -0.016 min
Response: 19004189
Conc: 658.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



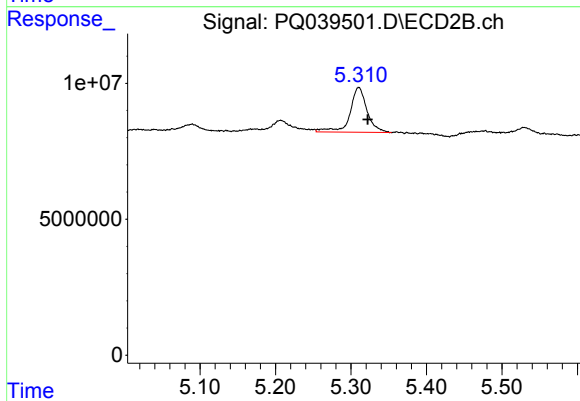
#9 AR-1221-2

R.T.: 5.207 min
Delta R.T.: -0.013 min
Response: 8181520
Conc: 498.84 ng/ml



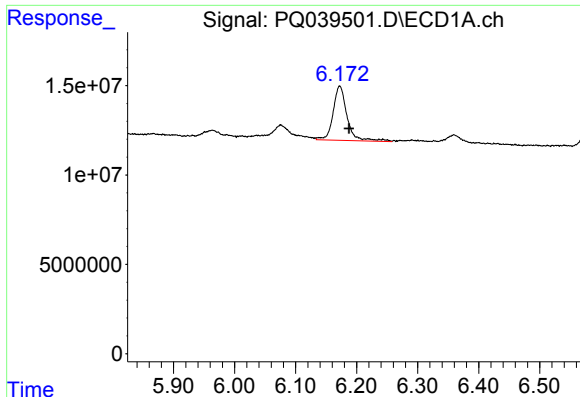
#10 AR-1221-3

R.T.: 6.172 min
Delta R.T.: -0.015 min
Response: 48413189
Conc: 484.19 ng/ml



#10 AR-1221-3

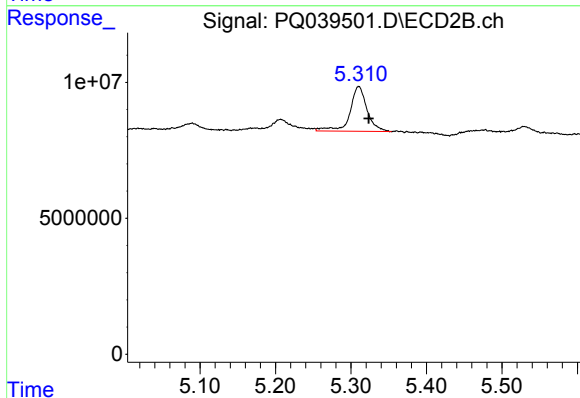
R.T.: 5.310 min
Delta R.T.: -0.012 min
Response: 25855231
Conc: 454.11 ng/ml



#11 AR-1232-1

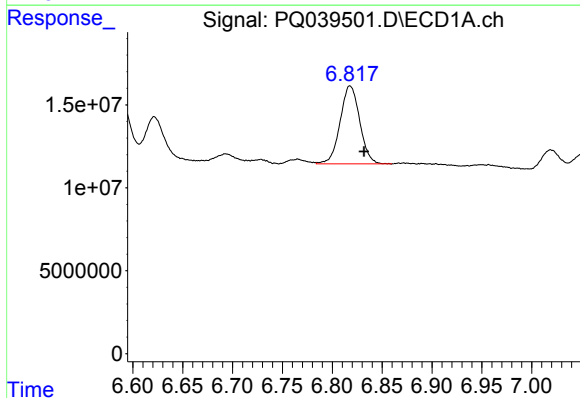
R.T.: 6.172 min
Delta R.T.: -0.015 min
Response: 48413189
Conc: 723.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



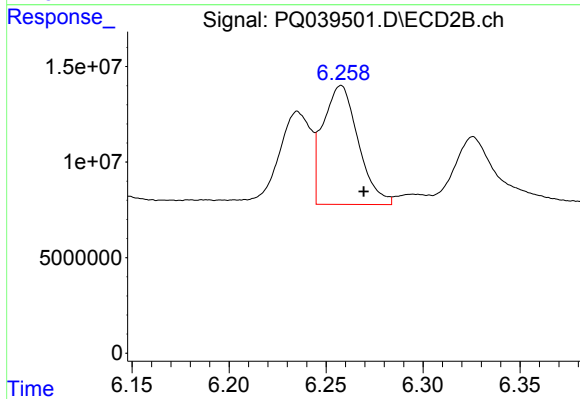
#11 AR-1232-1

R.T.: 5.310 min
Delta R.T.: -0.013 min
Response: 25855231
Conc: 695.10 ng/ml



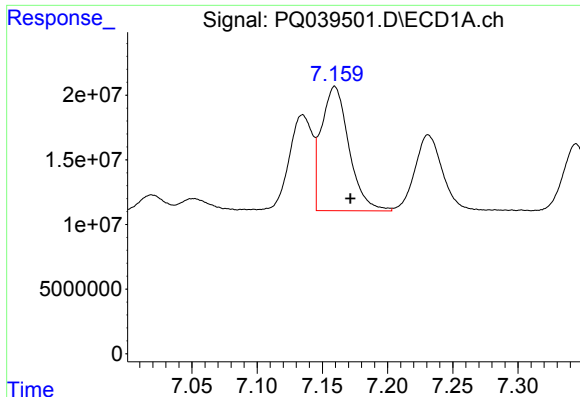
#12 AR-1232-2

R.T.: 6.818 min
Delta R.T.: -0.014 min
Response: 64408504
Conc: 1825.86 ng/ml



#12 AR-1232-2

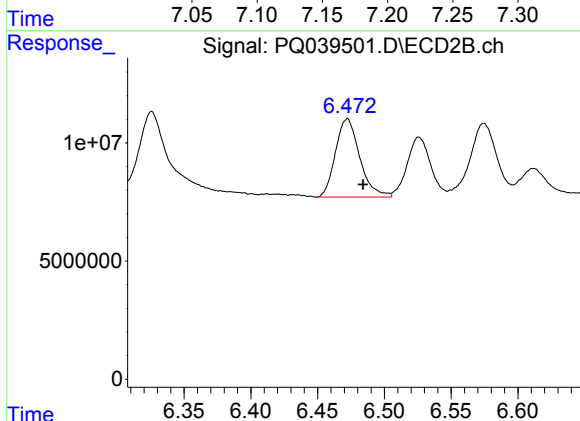
R.T.: 6.258 min
Delta R.T.: -0.012 min
Response: 78914912
Conc: 1821.78 ng/ml



#13 AR-1232-3

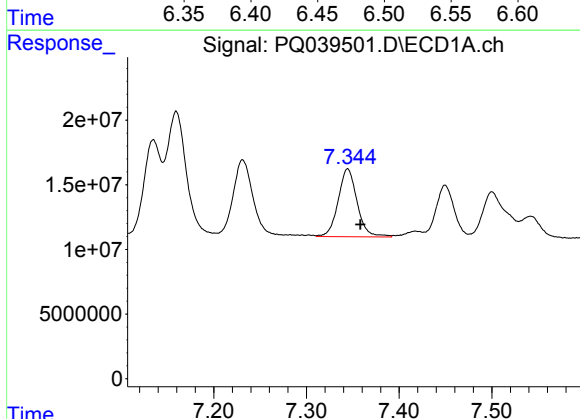
R.T.: 7.160 min
Delta R.T.: -0.012 min
Response: 141310008
Conc: 1924.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



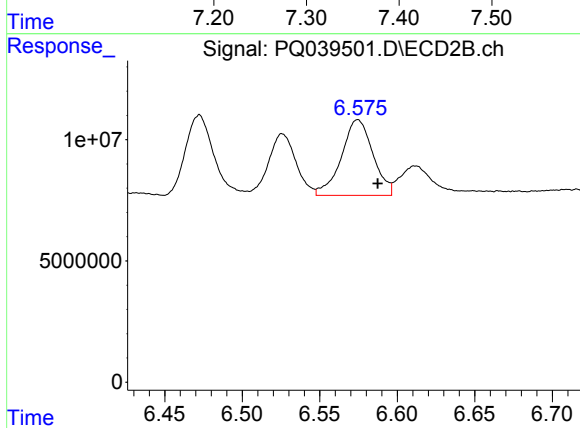
#13 AR-1232-3

R.T.: 6.472 min
Delta R.T.: -0.012 min
Response: 41962807
Conc: 1878.83 ng/ml



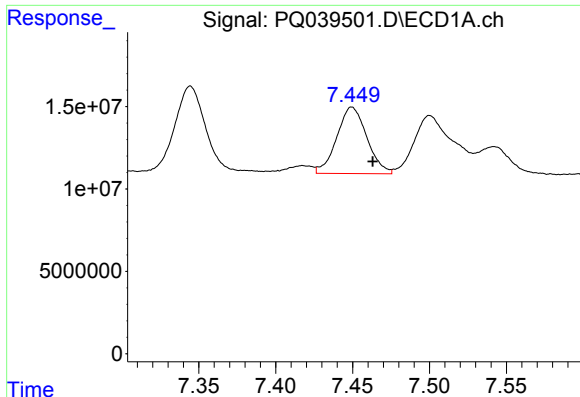
#14 AR-1232-4

R.T.: 7.345 min
Delta R.T.: -0.014 min
Response: 74840723
Conc: 1916.44 ng/ml



#14 AR-1232-4

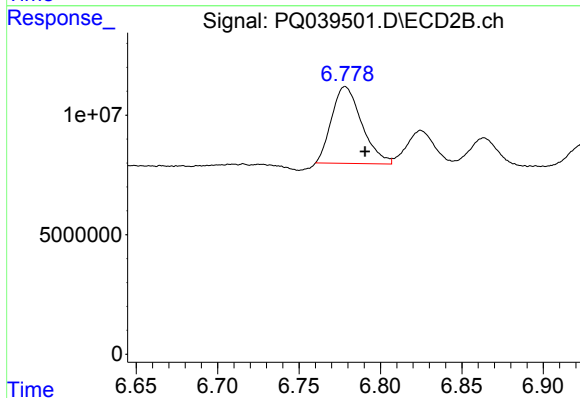
R.T.: 6.574 min
Delta R.T.: -0.013 min
Response: 44280042
Conc: 2023.94 ng/ml



#15 AR-1232-5

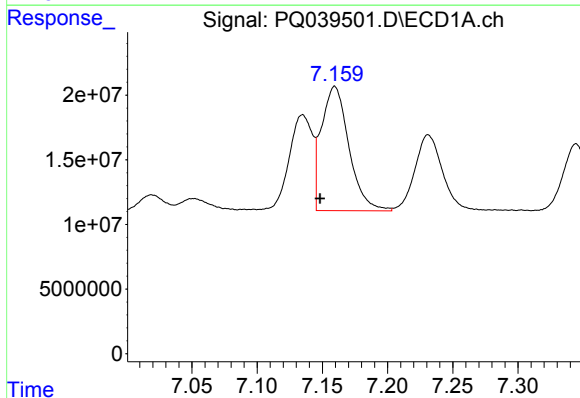
R.T.: 7.450 min
Delta R.T.: -0.013 min
Response: 54983498
Conc: 1959.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



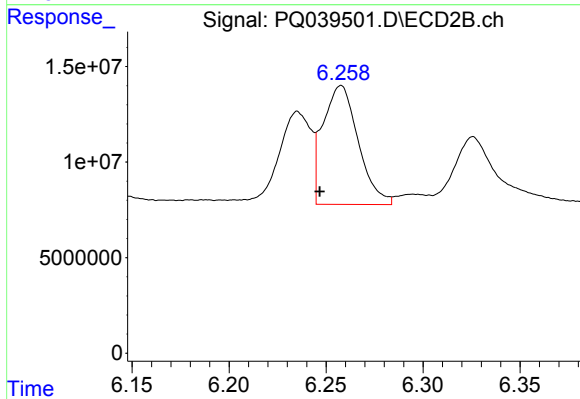
#15 AR-1232-5

R.T.: 6.778 min
Delta R.T.: -0.012 min
Response: 41383788
Conc: 1642.58 ng/ml



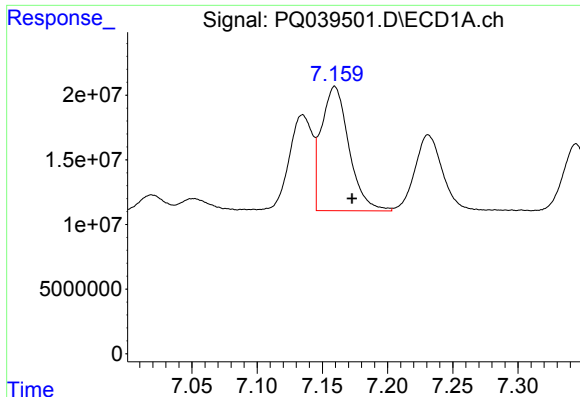
#16 AR-1242-1

R.T.: 7.160 min
Delta R.T.: 0.011 min
Response: 141310008
Conc: 1281.04 ng/ml



#16 AR-1242-1

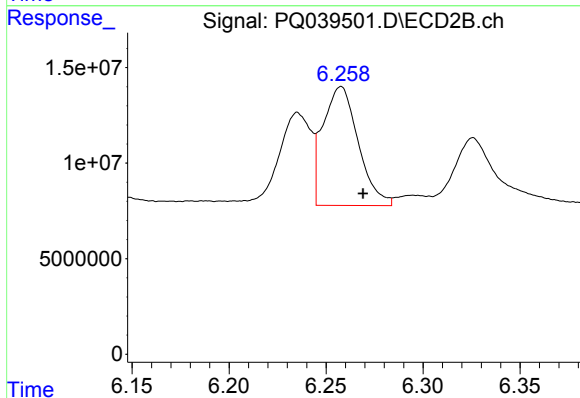
R.T.: 6.258 min
Delta R.T.: 0.011 min
Response: 78914912
Conc: 1137.08 ng/ml



#17 AR-1242-2

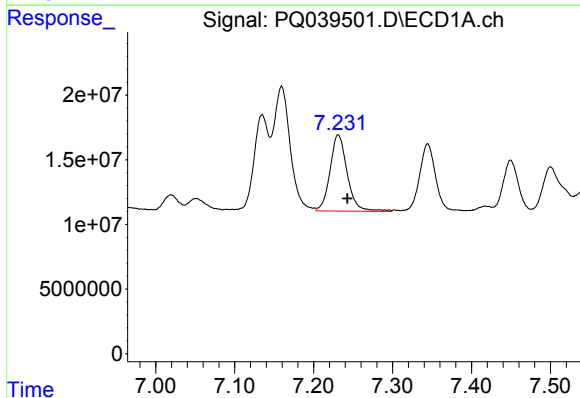
R.T.: 7.160 min
Delta R.T.: -0.013 min
Response: 141310008
Conc: 858.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



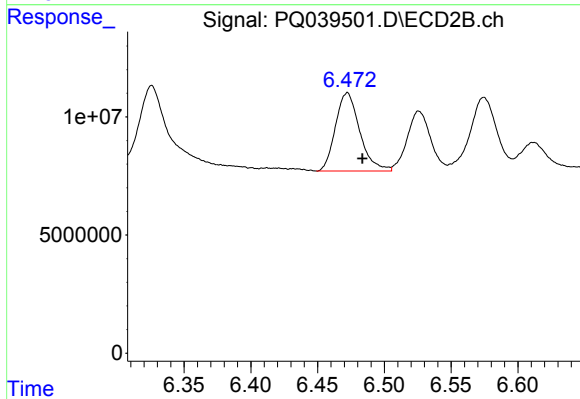
#17 AR-1242-2

R.T.: 6.258 min
Delta R.T.: -0.011 min
Response: 78914912
Conc: 790.93 ng/ml



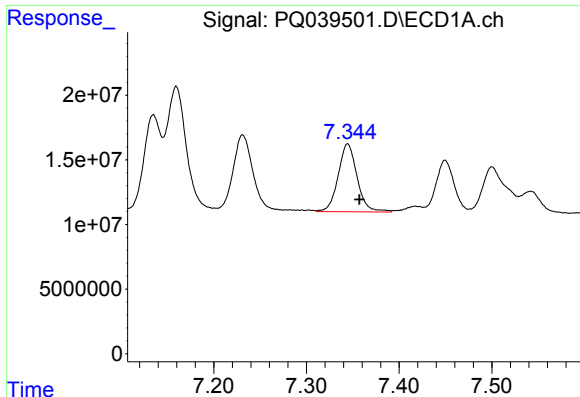
#18 AR-1242-3

R.T.: 7.231 min
Delta R.T.: -0.012 min
Response: 89204149
Conc: 845.30 ng/ml



#18 AR-1242-3

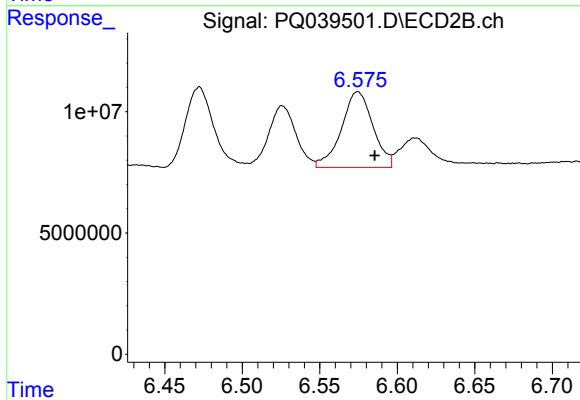
R.T.: 6.472 min
Delta R.T.: -0.011 min
Response: 41962807
Conc: 781.57 ng/ml



#19 AR-1242-4

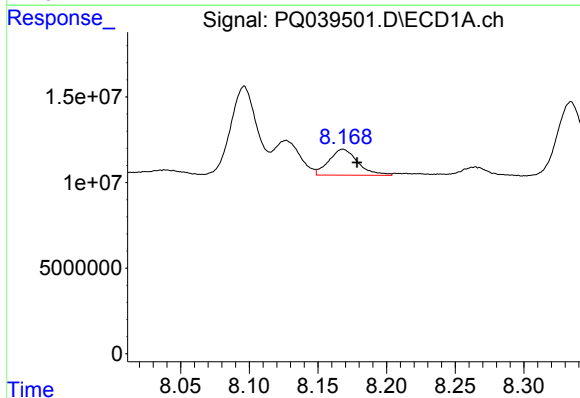
R.T.: 7.345 min
Delta R.T.: -0.013 min
Response: 74840723
Conc: 839.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



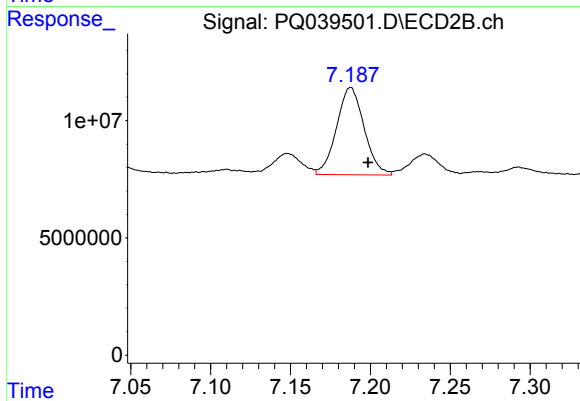
#19 AR-1242-4

R.T.: 6.574 min
Delta R.T.: -0.011 min
Response: 44280042
Conc: 794.17 ng/ml



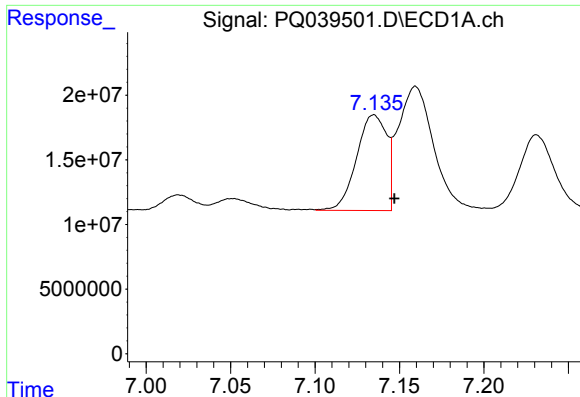
#20 AR-1242-5

R.T.: 8.168 min
Delta R.T.: -0.010 min
Response: 22263161
Conc: 228.00 ng/ml



#20 AR-1242-5

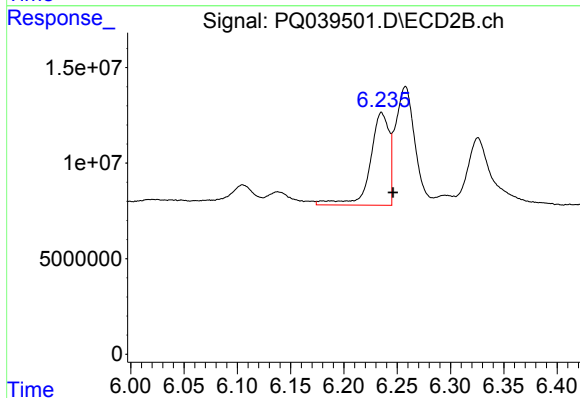
R.T.: 7.188 min
Delta R.T.: -0.011 min
Response: 44646967
Conc: 589.56 ng/ml



#21 AR-1248-1

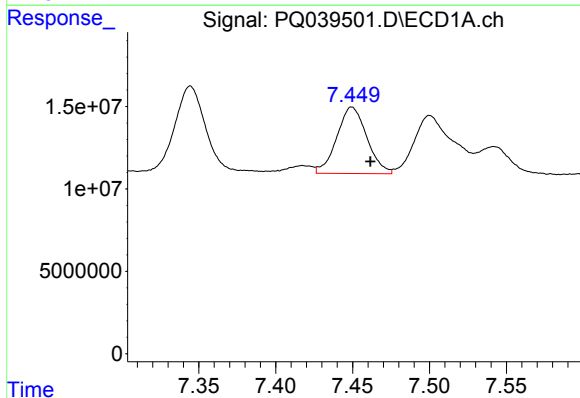
R.T.: 7.135 min
Delta R.T.: -0.012 min
Response: 91847090
Conc: 781.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



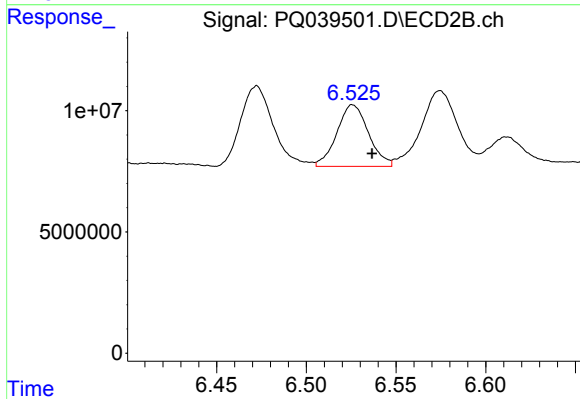
#21 AR-1248-1

R.T.: 6.235 min
Delta R.T.: -0.011 min
Response: 59919159
Conc: 770.12 ng/ml



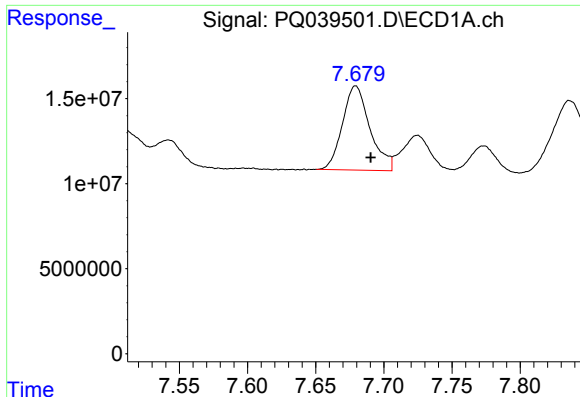
#22 AR-1248-2

R.T.: 7.450 min
Delta R.T.: -0.012 min
Response: 54983498
Conc: 335.62 ng/ml



#22 AR-1248-2

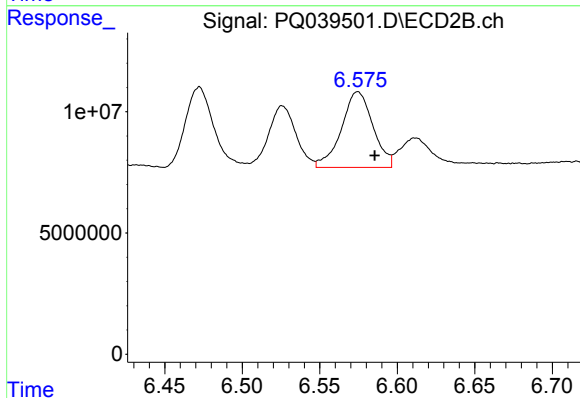
R.T.: 6.526 min
Delta R.T.: -0.011 min
Response: 31088054
Conc: 288.07 ng/ml



#23 AR-1248-3

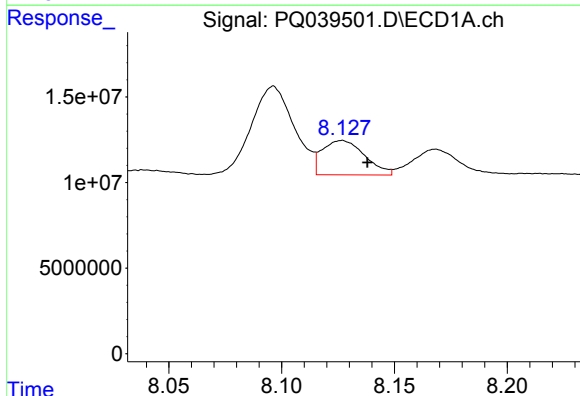
R.T.: 7.679 min
Delta R.T.: -0.011 min
Response: 69433154
Conc: 356.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



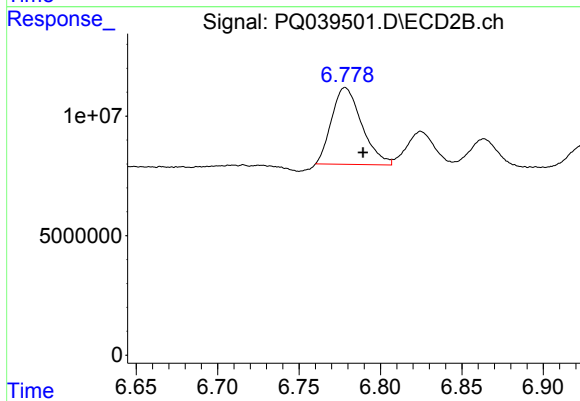
#23 AR-1248-3

R.T.: 6.574 min
Delta R.T.: -0.011 min
Response: 44280042
Conc: 390.98 ng/ml



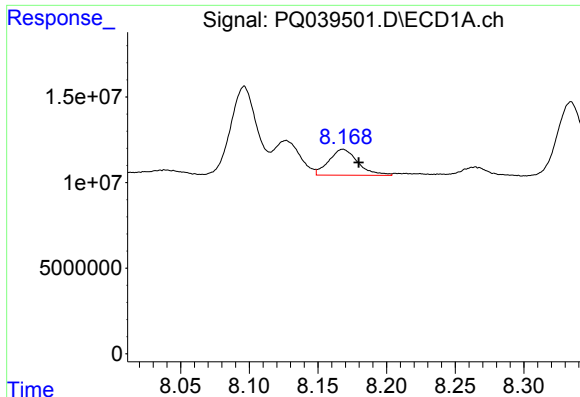
#24 AR-1248-4

R.T.: 8.127 min
Delta R.T.: -0.011 min
Response: 26302456
Conc: 121.82 ng/ml



#24 AR-1248-4

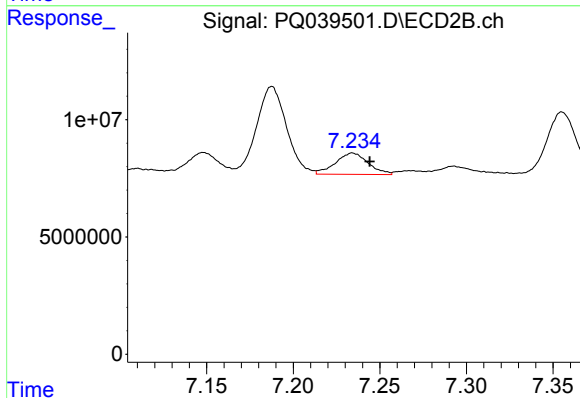
R.T.: 6.778 min
Delta R.T.: -0.011 min
Response: 41383788
Conc: 293.37 ng/ml



#25 AR-1248-5

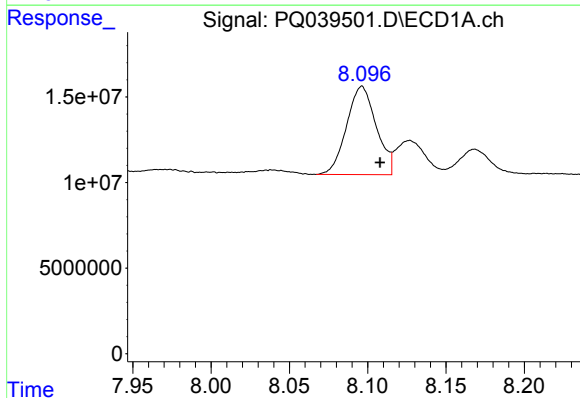
R.T.: 8.168 min
Delta R.T.: -0.011 min
Response: 22263161
Conc: 104.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



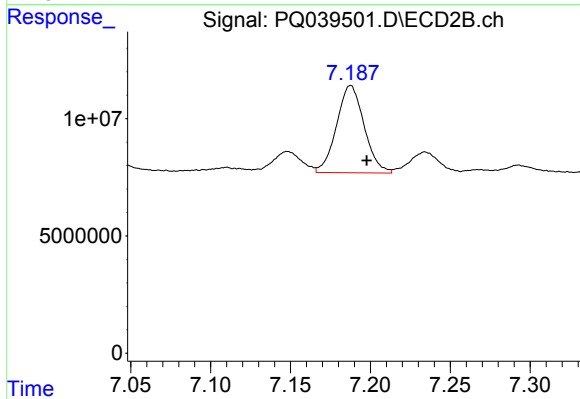
#25 AR-1248-5

R.T.: 7.234 min
Delta R.T.: -0.010 min
Response: 11974789
Conc: 84.89 ng/ml



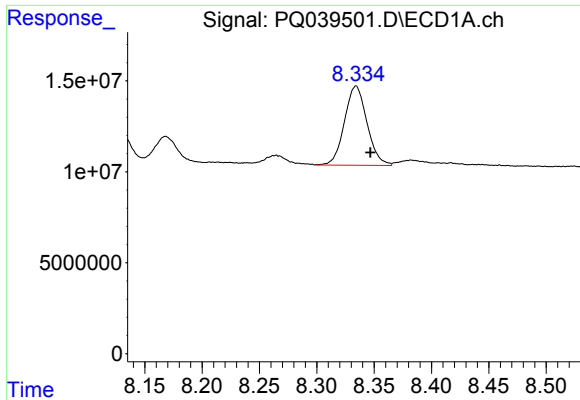
#26 AR-1254-1

R.T.: 8.096 min
Delta R.T.: -0.012 min
Response: 67930470
Conc: 337.29 ng/ml



#26 AR-1254-1

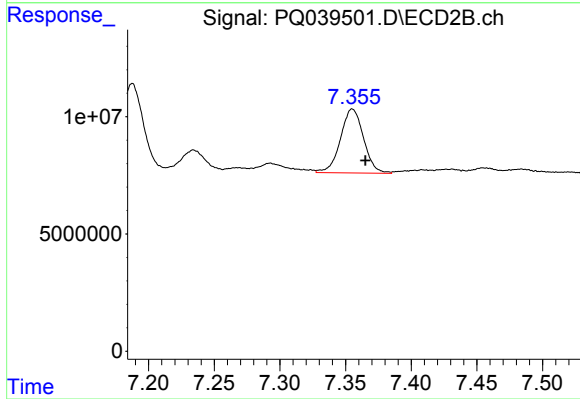
R.T.: 7.188 min
Delta R.T.: -0.010 min
Response: 44646967
Conc: 225.55 ng/ml



#27 AR-1254-2

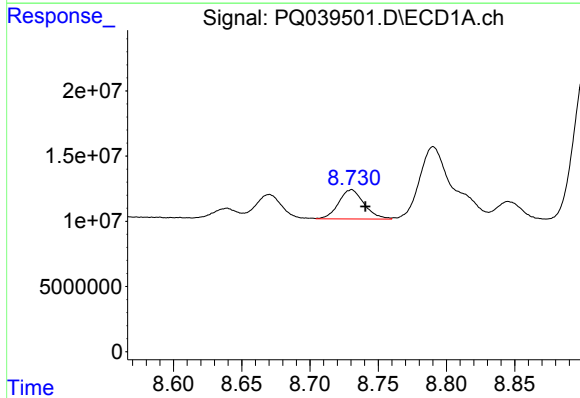
R.T.: 8.334 min
Delta R.T.: -0.012 min
Response: 59757307
Conc: 187.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



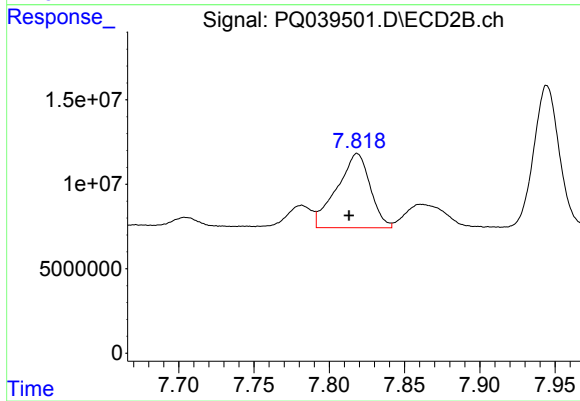
#27 AR-1254-2

R.T.: 7.355 min
Delta R.T.: -0.010 min
Response: 33385282
Conc: 189.30 ng/ml



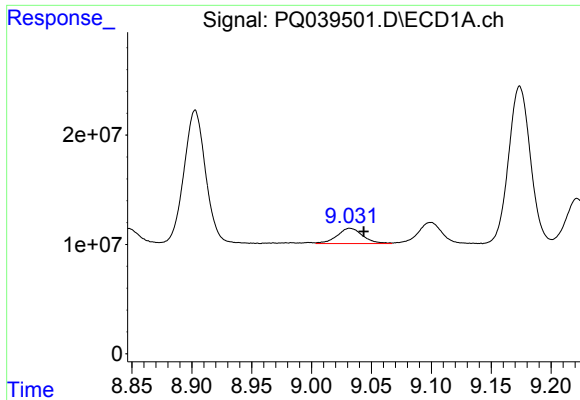
#28 AR-1254-3

R.T.: 8.730 min
Delta R.T.: -0.010 min
Response: 29099132
Conc: 85.38 ng/ml



#28 AR-1254-3

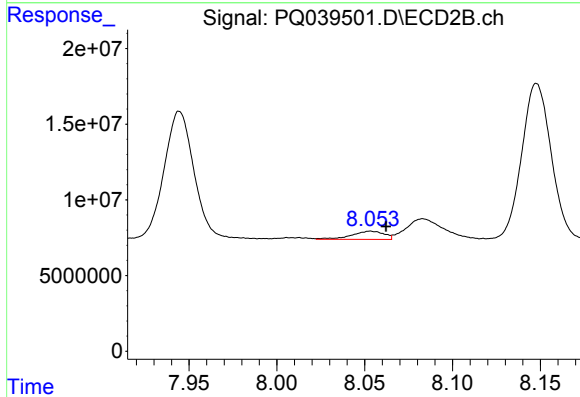
R.T.: 7.819 min
Delta R.T.: 0.005 min
Response: 67515545
Conc: 226.20 ng/ml



#29 AR-1254-4

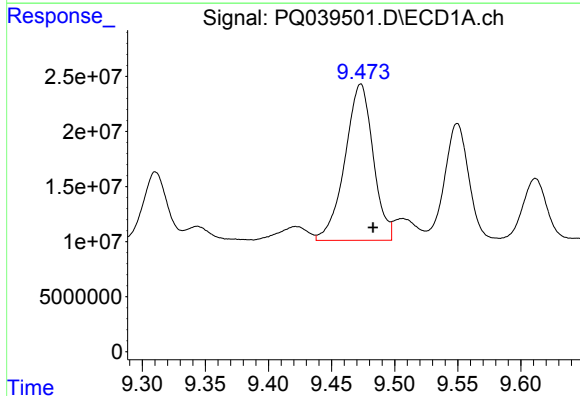
R.T.: 9.032 min
Delta R.T.: -0.011 min
Response: 20601928
Conc: 87.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



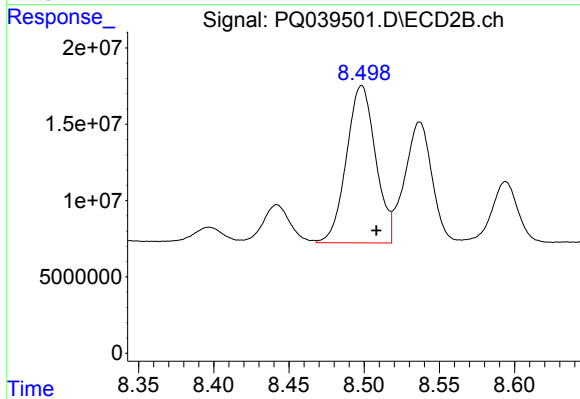
#29 AR-1254-4

R.T.: 8.053 min
Delta R.T.: -0.009 min
Response: 7109780
Conc: 40.97 ng/ml



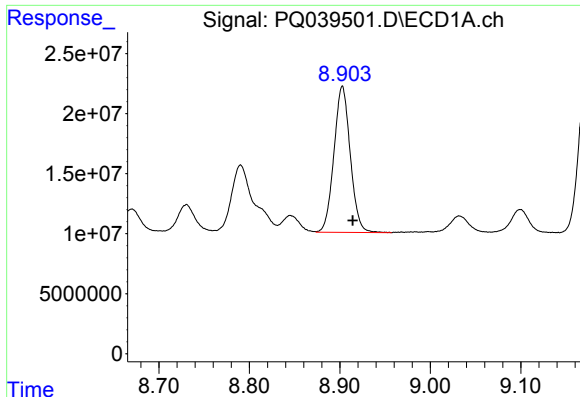
#30 AR-1254-5

R.T.: 9.473 min
Delta R.T.: -0.010 min
Response: 220910947
Conc: 810.32 ng/ml



#30 AR-1254-5

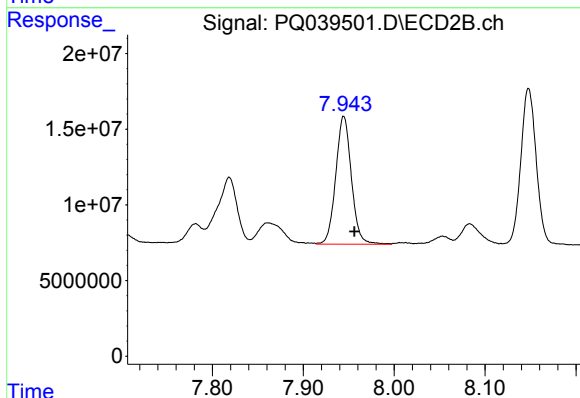
R.T.: 8.498 min
Delta R.T.: -0.010 min
Response: 139126525
Conc: 542.36 ng/ml



#31 AR-1260-1

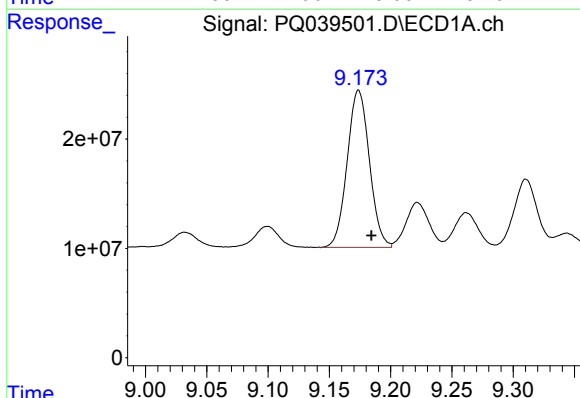
R.T.: 8.903 min
Delta R.T.: -0.011 min
Response: 152817225
Conc: 464.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



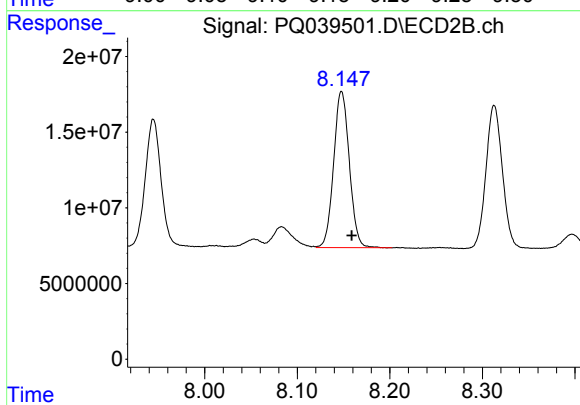
#31 AR-1260-1

R.T.: 7.945 min
Delta R.T.: -0.012 min
Response: 101071397
Conc: 427.83 ng/ml



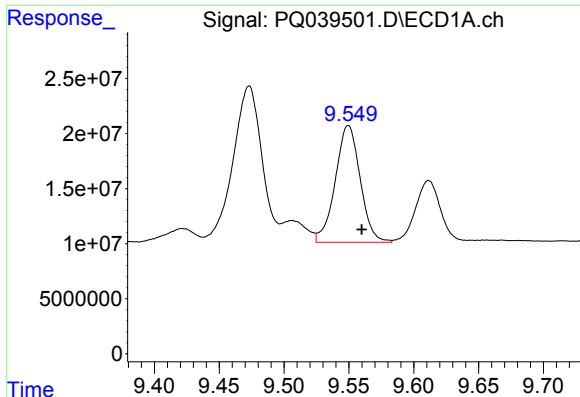
#32 AR-1260-2

R.T.: 9.174 min
Delta R.T.: -0.010 min
Response: 181819410
Conc: 459.60 ng/ml



#32 AR-1260-2

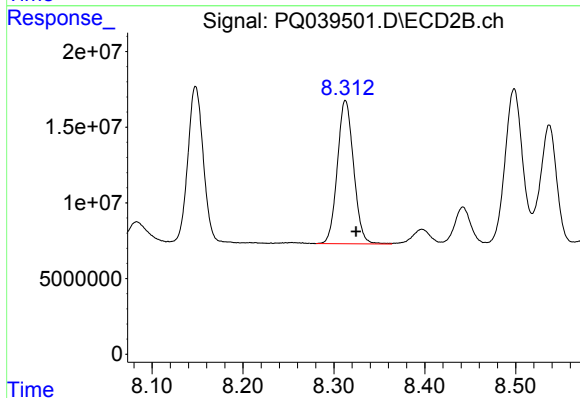
R.T.: 8.148 min
Delta R.T.: -0.011 min
Response: 121571314
Conc: 411.09 ng/ml



#33 AR-1260-3

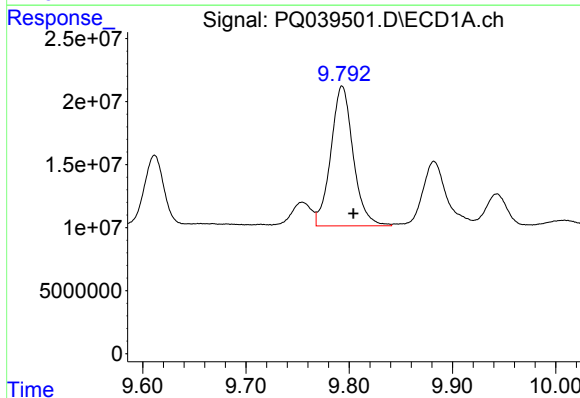
R.T.: 9.550 min
Delta R.T.: -0.010 min
Response: 141811712
Conc: 461.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



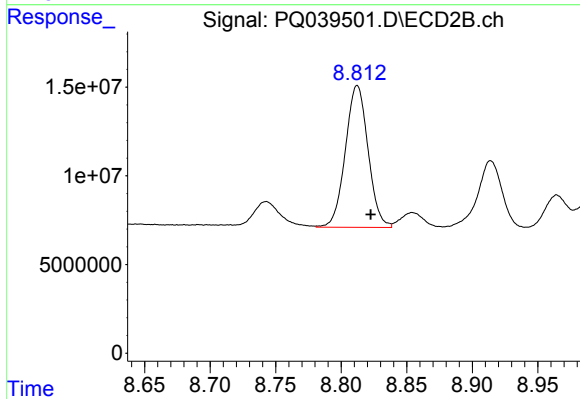
#33 AR-1260-3

R.T.: 8.313 min
Delta R.T.: -0.012 min
Response: 117638956
Conc: 422.09 ng/ml



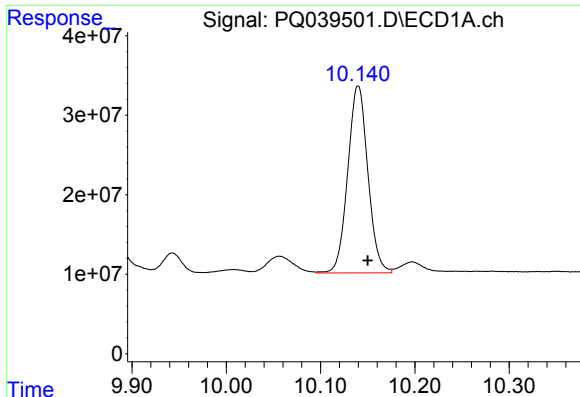
#34 AR-1260-4

R.T.: 9.793 min
Delta R.T.: -0.011 min
Response: 166689370
Conc: 459.76 ng/ml



#34 AR-1260-4

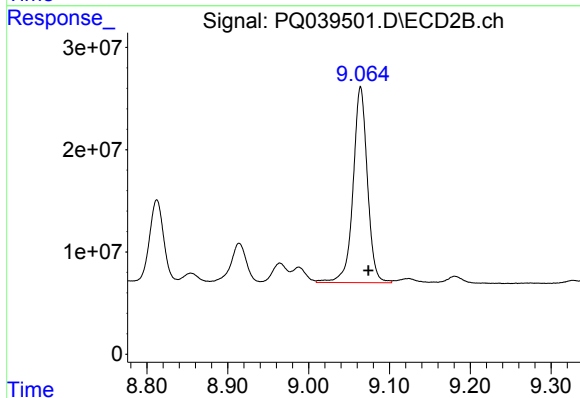
R.T.: 8.812 min
Delta R.T.: -0.010 min
Response: 96415069
Conc: 406.39 ng/ml



#35 AR-1260-5

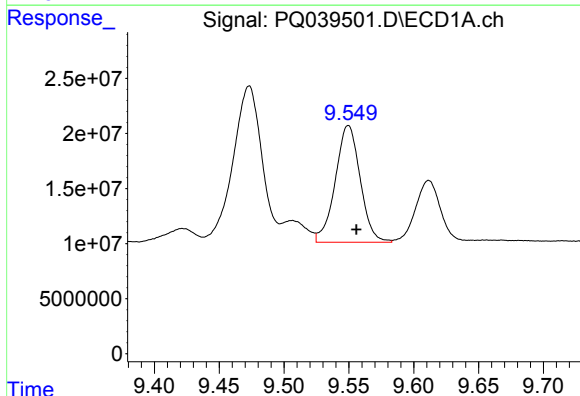
R.T.: 10.140 min
Delta R.T.: -0.010 min
Response: 349229744
Conc: 458.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



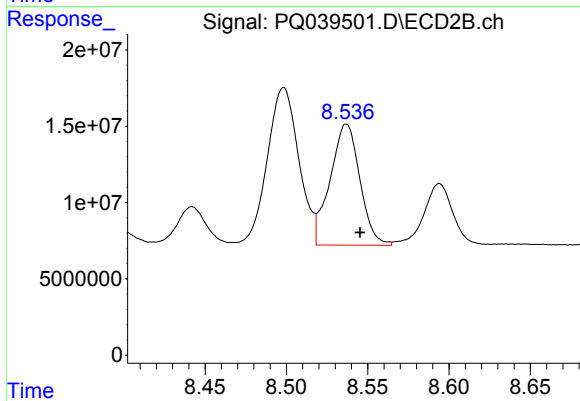
#35 AR-1260-5

R.T.: 9.064 min
Delta R.T.: -0.010 min
Response: 235928209
Conc: 394.46 ng/ml



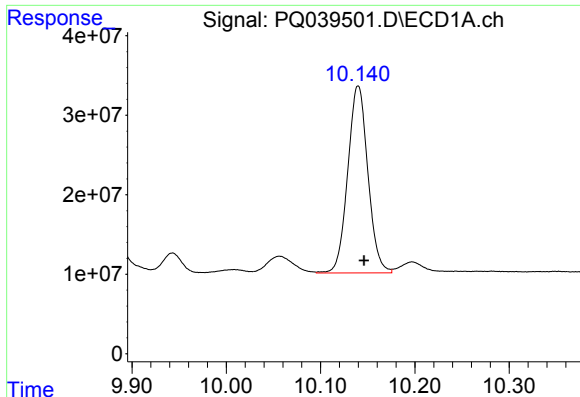
#36 AR-1262-1

R.T.: 9.550 min
Delta R.T.: -0.006 min
Response: 141811712
Conc: 413.95 ng/ml



#36 AR-1262-1

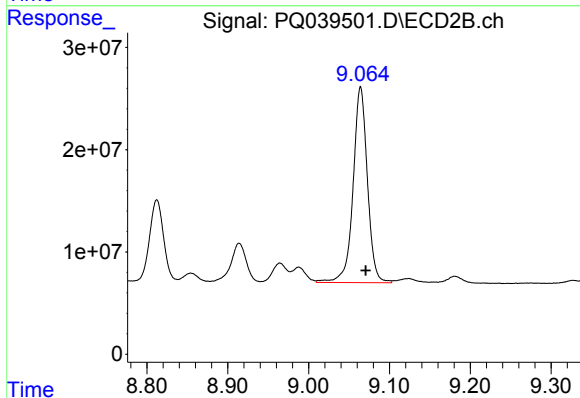
R.T.: 8.537 min
Delta R.T.: -0.008 min
Response: 101288190
Conc: 366.67 ng/ml



#37 AR-1262-2

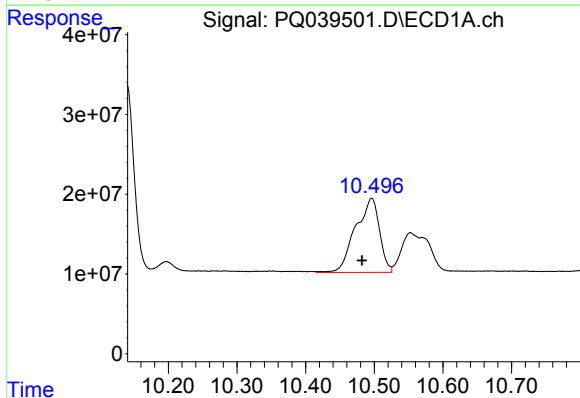
R.T.: 10.140 min
Delta R.T.: -0.006 min
Response: 349229744
Conc: 572.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



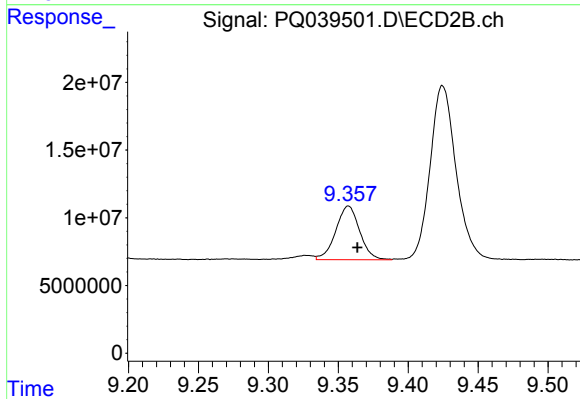
#37 AR-1262-2

R.T.: 9.064 min
Delta R.T.: -0.007 min
Response: 235928209
Conc: 482.15 ng/ml



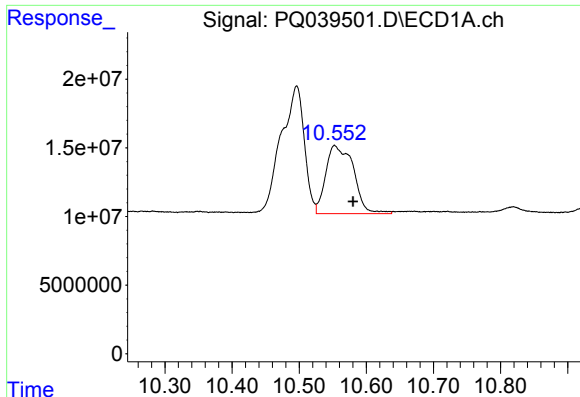
#38 AR-1262-3

R.T.: 10.496 min
Delta R.T.: 0.014 min
Response: 225523414
Conc: 535.40 ng/ml



#38 AR-1262-3

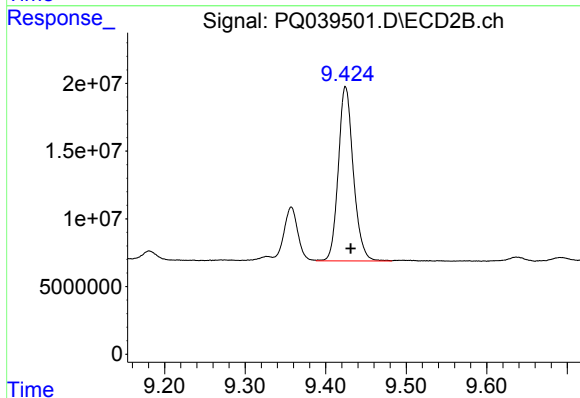
R.T.: 9.357 min
Delta R.T.: -0.006 min
Response: 47097906
Conc: 252.77 ng/ml



#39 AR-1262-4

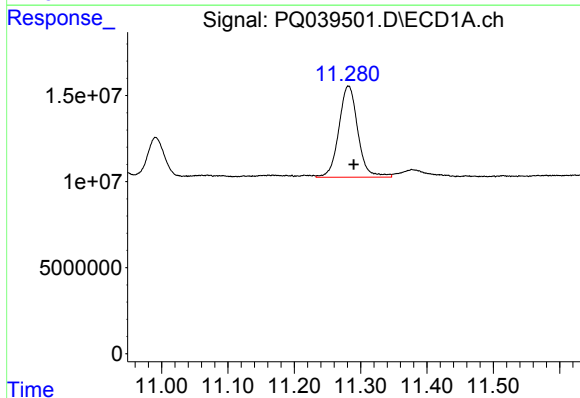
R.T.: 10.553 min
Delta R.T.: -0.028 min
Response: 142433783
Conc: 417.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



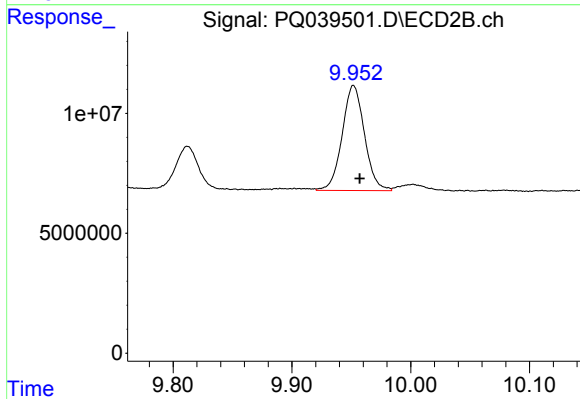
#39 AR-1262-4

R.T.: 9.425 min
Delta R.T.: -0.006 min
Response: 166908793
Conc: 463.85 ng/ml



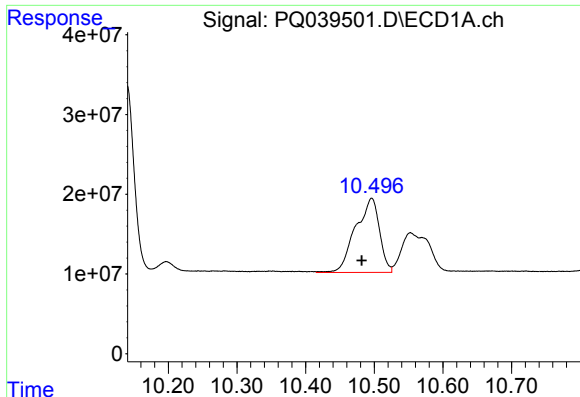
#40 AR-1262-5

R.T.: 11.282 min
Delta R.T.: -0.008 min
Response: 105047089
Conc: 467.32 ng/ml



#40 AR-1262-5

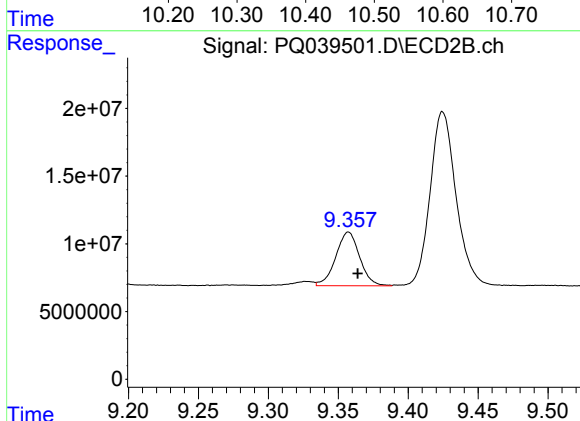
R.T.: 9.952 min
Delta R.T.: -0.005 min
Response: 57127832
Conc: 377.46 ng/ml



#41 AR-1268-1

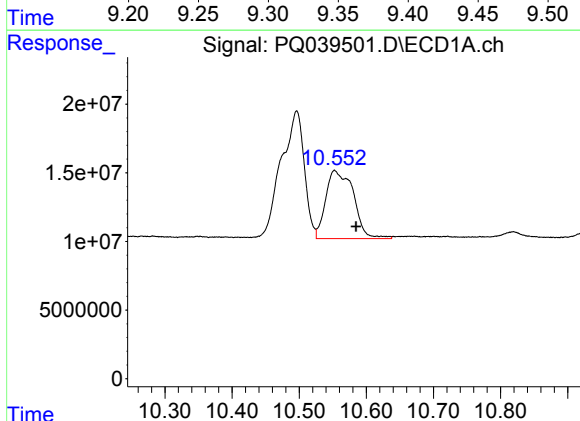
R.T.: 10.496 min
Delta R.T.: 0.014 min
Response: 225523414
Conc: 162.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



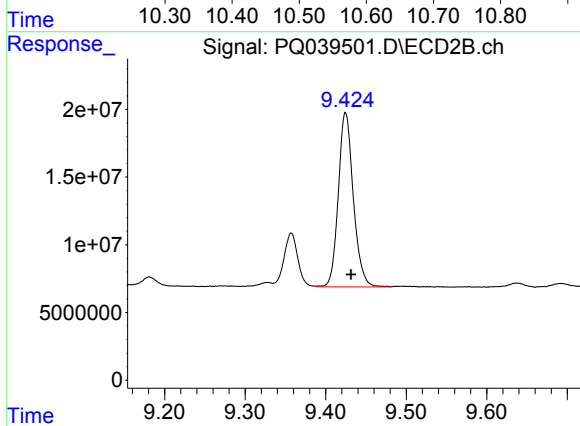
#41 AR-1268-1

R.T.: 9.357 min
Delta R.T.: -0.007 min
Response: 47097906
Conc: 44.77 ng/ml



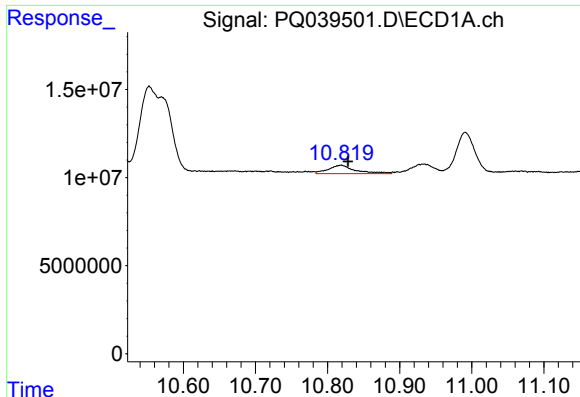
#42 AR-1268-2

R.T.: 10.553 min
Delta R.T.: -0.032 min
Response: 142433783
Conc: 106.06 ng/ml



#42 AR-1268-2

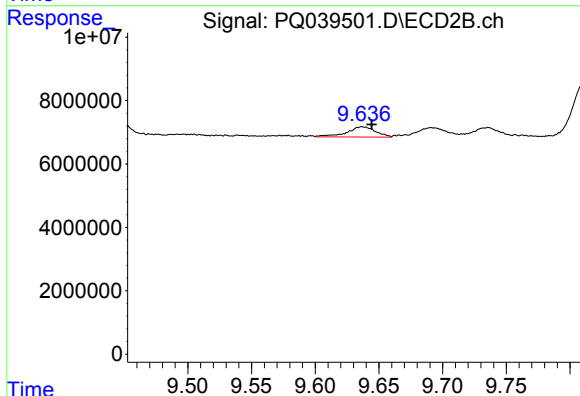
R.T.: 9.425 min
Delta R.T.: -0.007 min
Response: 166908793
Conc: 172.03 ng/ml



#43 AR-1268-3

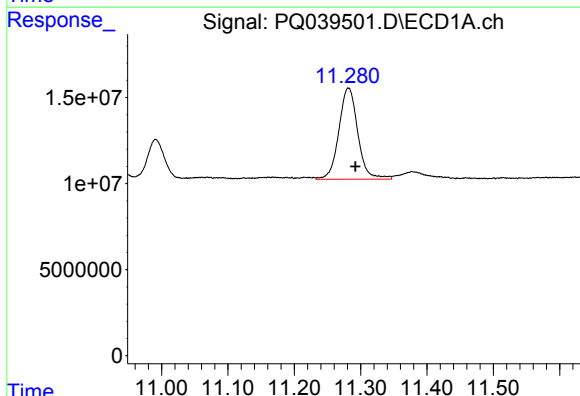
R.T.: 10.819 min
Delta R.T.: -0.009 min
Response: 12444082
Conc: 10.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



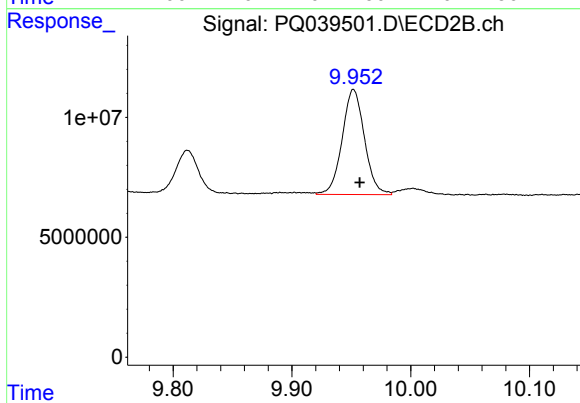
#43 AR-1268-3

R.T.: 9.637 min
Delta R.T.: -0.007 min
Response: 5070906
Conc: 6.15 ng/ml



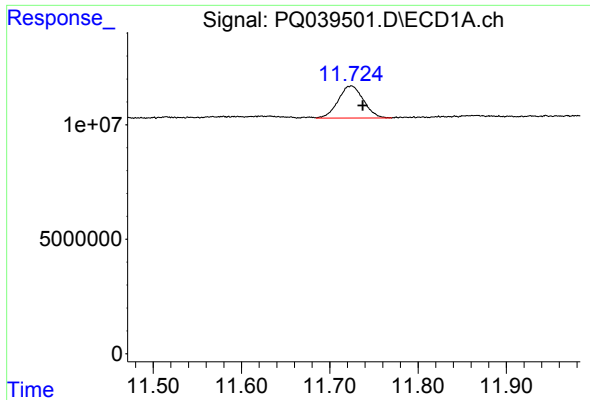
#44 AR-1268-4

R.T.: 11.282 min
Delta R.T.: -0.010 min
Response: 105047089
Conc: 245.36 ng/ml



#44 AR-1268-4

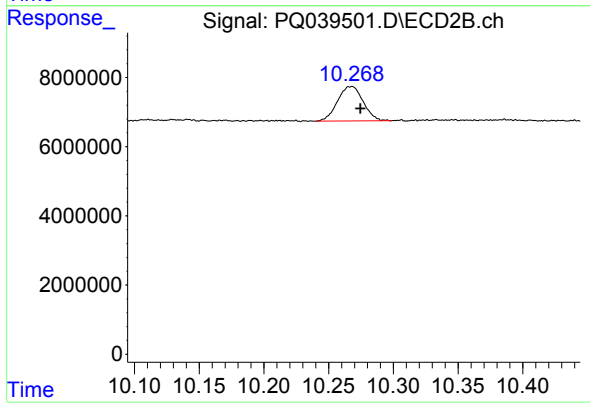
R.T.: 9.952 min
Delta R.T.: -0.005 min
Response: 57127832
Conc: 190.98 ng/ml



#45 AR-1268-5

R.T.: 11.725 min
Delta R.T.: -0.013 min
Response: 27804065
Conc: 7.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660315



#45 AR-1268-5

R.T.: 10.268 min
Delta R.T.: -0.007 min
Response: 13752800
Conc: 5.54 ng/ml