

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040419\
 Data File : PQ038724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2019 03:03
 Operator : AJ\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660305

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 05:25:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 05 05:12:40 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...	5.729	4.817	101.7E6	46947477	21.235	20.608
2)	SA Decachlor...	12.142	10.590	254.5E6	138.6E6	38.481	40.722
Target Compounds							
3)	L1 AR-1016-1	7.175	6.273	105.1E6	61305332	388.552	411.220
4)	L1 AR-1016-2	7.200	6.296	163.8E6	89259739	404.838	411.560
5)	L1 AR-1016-3	7.271	6.511	103.9E6	48298420	406.027	428.284
6)	L1 AR-1016-4	7.384	6.564	84529985	38008040	404.543	439.730
7)	L1 AR-1016-5	7.718	6.817	85812033	54103570	398.594	419.020
8)	L2 AR-1221-1	6.004	5.125	10878388	4697246	187.661	161.636
9)	L2 AR-1221-2	6.118	5.243	12297292	6132238	306.166	294.353
10)	L2 AR-1221-3	6.214	5.347	54417475	27083798	385.439	368.871
11)	L3 AR-1232-1	6.214	5.347	54417475	27083798	561.161	525.503
12)	L3 AR-1232-2	6.859	6.296	80842476	89259739	1442.260	1533.839
13)	L3 AR-1232-3	7.200	6.511	163.8E6	48298420	1536.892	1589.360
14)	L3 AR-1232-4	7.384	6.613	84529985	47959046	1527.393	1716.683
15)	L3 AR-1232-5	7.489	6.817	73770134	54103570	1891.473	1649.190
16)	L4 AR-1242-1	7.175	6.273	105.1E6	61305332	688.563	707.496
17)	L4 AR-1242-2	7.200	6.296	163.8E6	89259739	728.324	715.696
18)	L4 AR-1242-3	7.271	6.511	103.9E6	48298420	733.489	720.599
19)	L4 AR-1242-4	7.384	6.613	84529985	47959046	730.585	709.980
20)	L4 AR-1242-5	8.205	7.226	25715939	55438567	189.382	580.572 #
21)	L5 AR-1248-1	7.175	6.273	105.1E6	61305332	996.798	1016.653
22)	L5 AR-1248-2	7.489	6.564	73770134	38008040	492.716	449.178
23)	L5 AR-1248-3	7.718	6.613	85812033	47959046	469.481	540.018
24)	L5 AR-1248-4	8.134	6.817	108.4E6	54103570	533.527	471.891
25)	L5 AR-1248-5	8.205	7.273	25715939	12345340	126.718	107.229
26)	L6 AR-1254-1	8.134	7.226	108.4E6	55438567	502.444	301.704 #
27)	L6 AR-1254-2	8.371	7.393	72258502	41497601	213.291	256.378
28)	L6 AR-1254-3	8.765	7.857	34869110	82095631	93.819	290.564 #
29)	L6 AR-1254-4	9.066	8.089	22544767	6284304	88.405	37.873 #
30)	L6 AR-1254-5	9.503	8.534	293.9E6	172.8E6	986.201	701.332 #
31)	L7 AR-1260-1	8.937	7.982	188.2E6	127.7E6	393.370	421.498
32)	L7 AR-1260-2	9.206	8.184	218.7E6	154.3E6	385.026	416.647
33)	L7 AR-1260-3	9.581	8.350	172.6E6	148.1E6	396.208	422.385
34)	L7 AR-1260-4	9.826	8.848	200.3E6	121.0E6	390.364	419.051
35)	L7 AR-1260-5	10.174	9.098	390.6E6	293.6E6	376.239	413.929
36)	L8 AR-1262-1	9.581	8.574	172.6E6	128.2E6	464.689	489.554
37)	L8 AR-1262-2	10.174	9.098	390.6E6	293.6E6	590.884	614.329
38)	L8 AR-1262-3	10.531	9.392	242.0E6	58217874	535.433	299.849 #
39)	L8 AR-1262-4	10.591	9.458	156.2E6	206.9E6	435.532	561.796 #
40)	L8 AR-1262-5	11.325	9.987	104.6E6	63659265	420.329	421.431
41)	L9 AR-1268-1	10.531	9.392	242.0E6	58217874	161.963	57.674 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040419\
 Data File : PQ038724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2019 03:03
 Operator : AJ\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

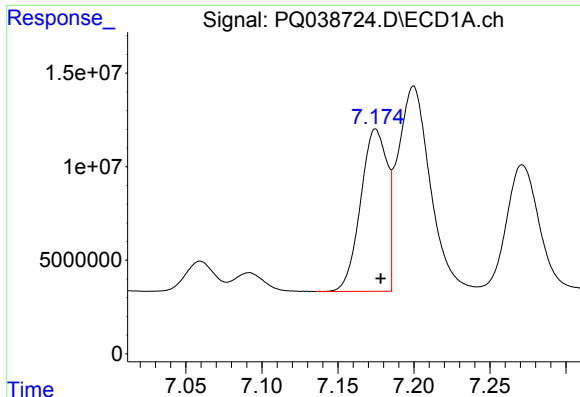
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660305

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 05:25:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
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 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	10.591	9.458	156.2E6	206.9E6	113.083	221.840 #
43) L9	AR-1268-3	10.860	9.674	7895752	4554124	6.444	5.761
44) L9	AR-1268-4	11.325	9.987	104.6E6	63659265	208.490	204.782
45) L9	AR-1268-5	11.775	10.308	30540473	16707144	7.237	6.709

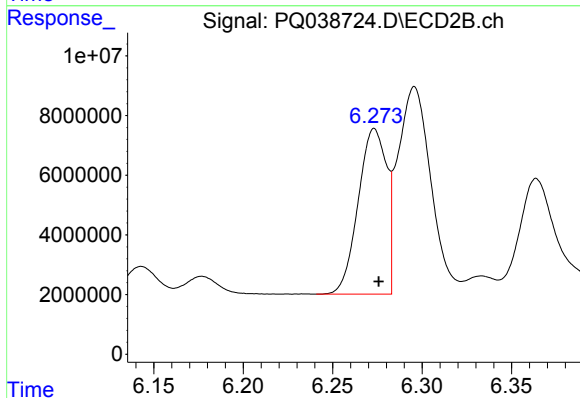
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

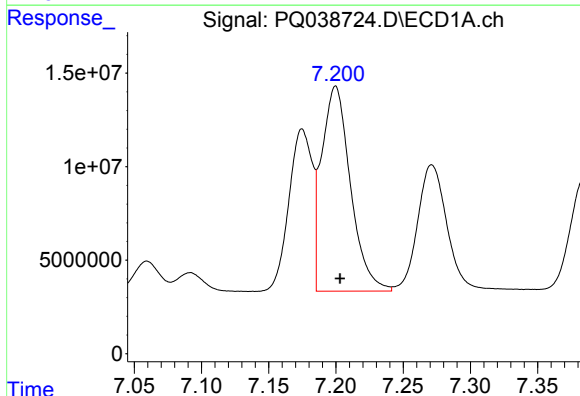
R.T.: 7.175 min
Delta R.T.: -0.003 min
Response: 105072104
Conc: 388.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



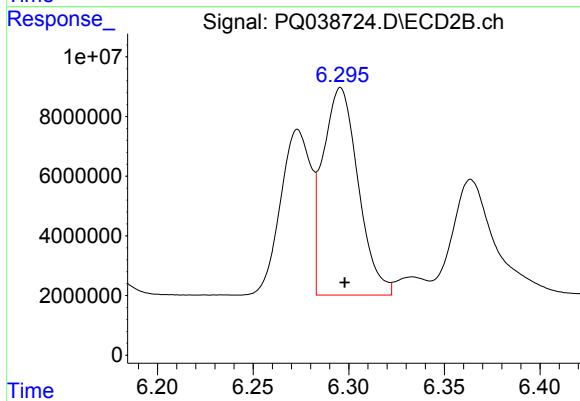
#3 AR-1016-1

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 61305332
Conc: 411.22 ng/ml



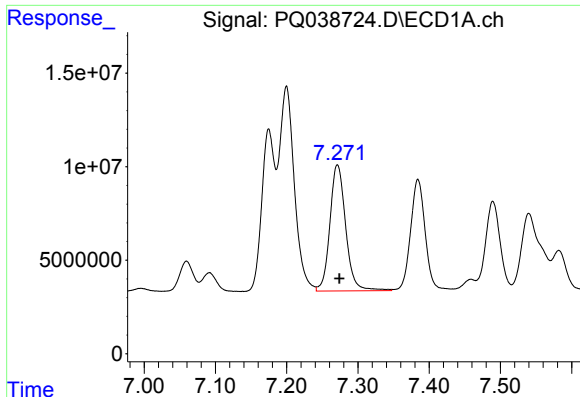
#4 AR-1016-2

R.T.: 7.200 min
Delta R.T.: -0.003 min
Response: 163810375
Conc: 404.84 ng/ml



#4 AR-1016-2

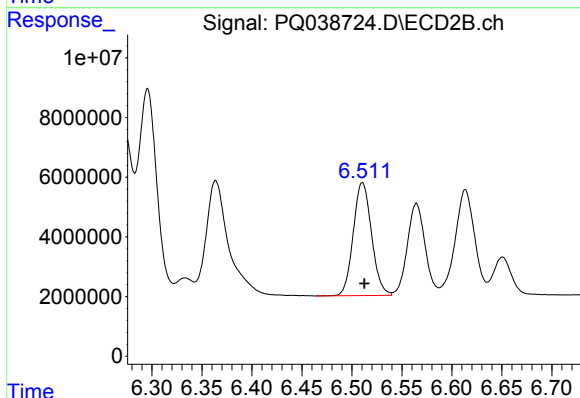
R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 89259739
Conc: 411.56 ng/ml



#5 AR-1016-3

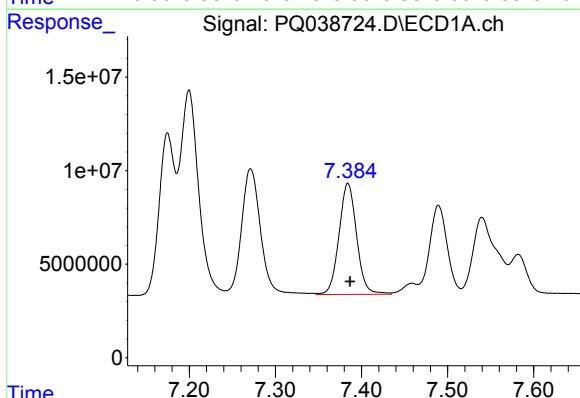
R.T.: 7.271 min
Delta R.T.: -0.003 min
Response: 103914841
Conc: 406.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



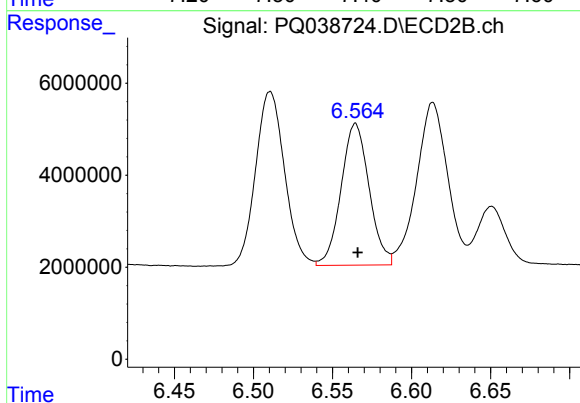
#5 AR-1016-3

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 48298420
Conc: 428.28 ng/ml



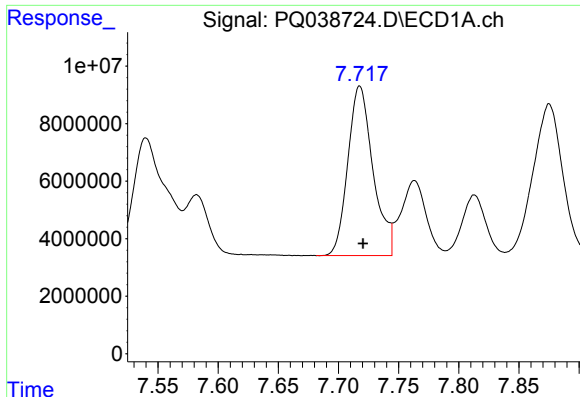
#6 AR-1016-4

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 84529985
Conc: 404.54 ng/ml



#6 AR-1016-4

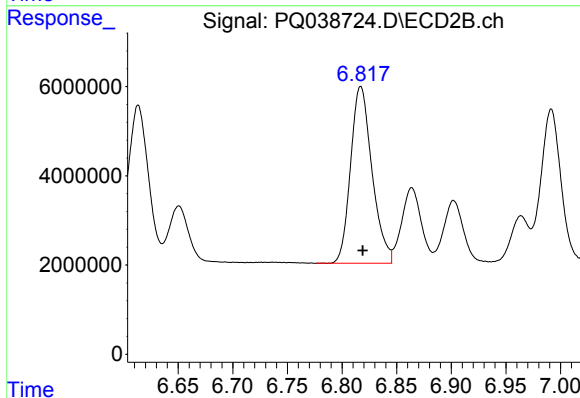
R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 38008040
Conc: 439.73 ng/ml



#7 AR-1016-5

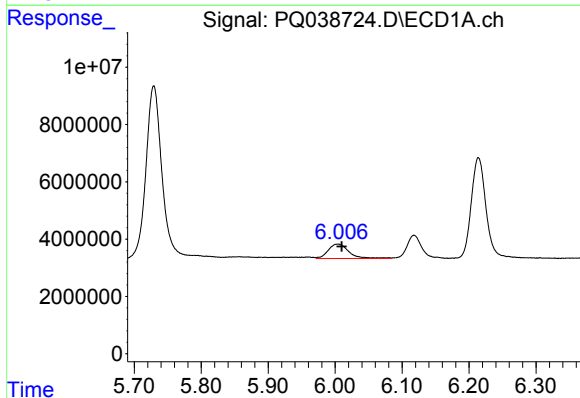
R.T.: 7.718 min
Delta R.T.: -0.003 min
Response: 85812033
Conc: 398.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



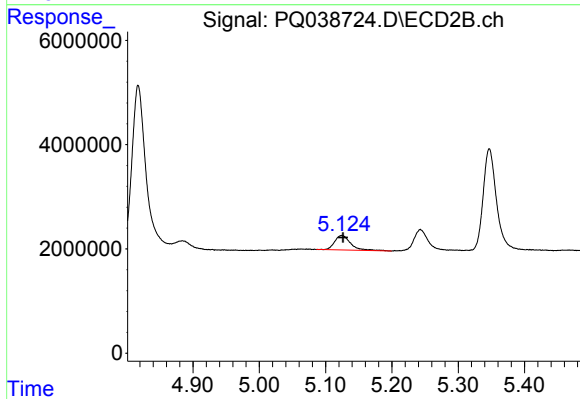
#7 AR-1016-5

R.T.: 6.817 min
Delta R.T.: -0.002 min
Response: 54103570
Conc: 419.02 ng/ml



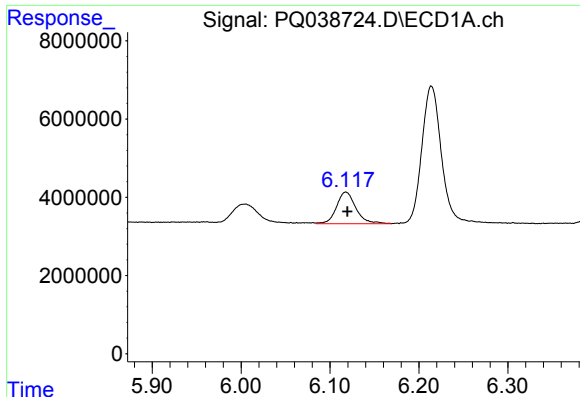
#8 AR-1221-1

R.T.: 6.004 min
Delta R.T.: -0.006 min
Response: 10878388
Conc: 187.66 ng/ml



#8 AR-1221-1

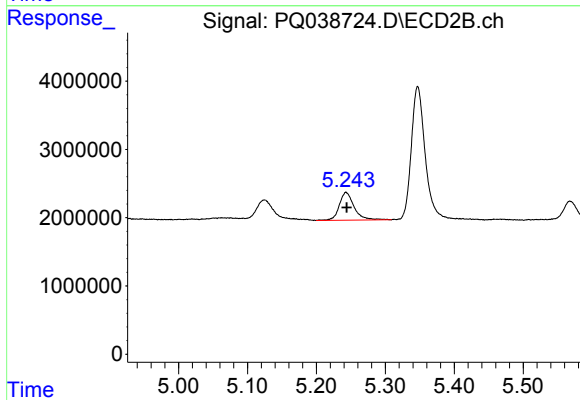
R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 4697246
Conc: 161.64 ng/ml



#9 AR-1221-2

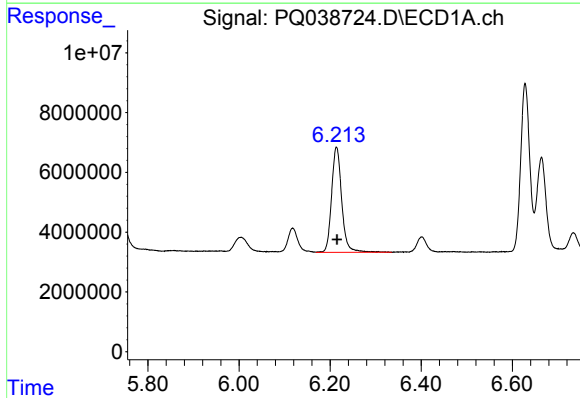
R.T.: 6.118 min
Delta R.T.: -0.002 min
Response: 12297292
Conc: 306.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



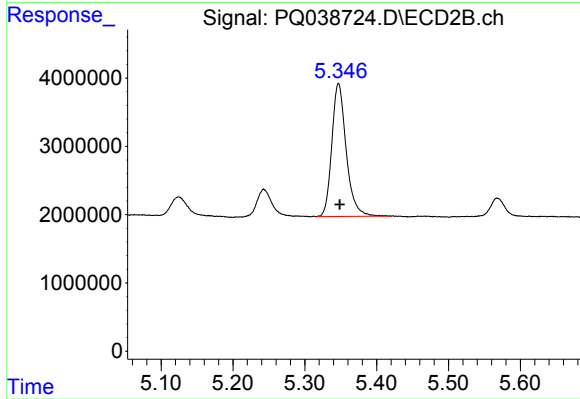
#9 AR-1221-2

R.T.: 5.243 min
Delta R.T.: -0.001 min
Response: 6132238
Conc: 294.35 ng/ml



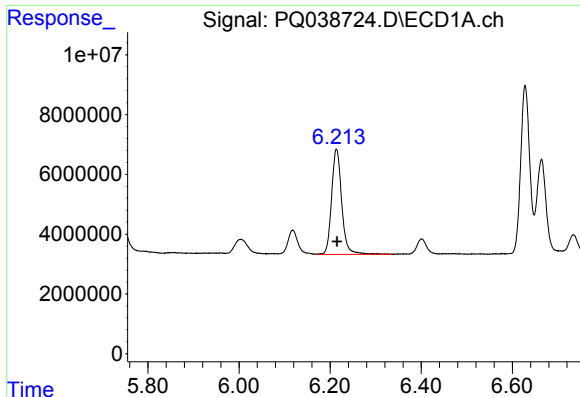
#10 AR-1221-3

R.T.: 6.214 min
Delta R.T.: -0.001 min
Response: 54417475
Conc: 385.44 ng/ml



#10 AR-1221-3

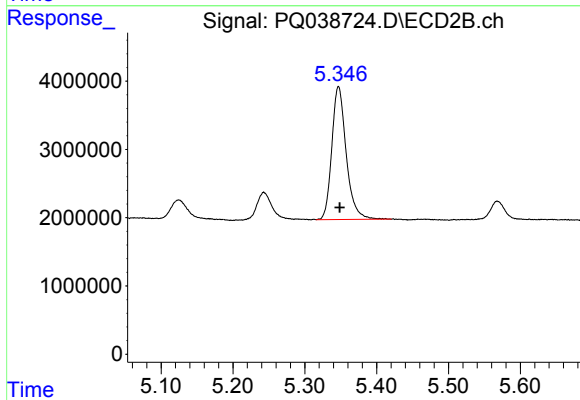
R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 27083798
Conc: 368.87 ng/ml



#11 AR-1232-1

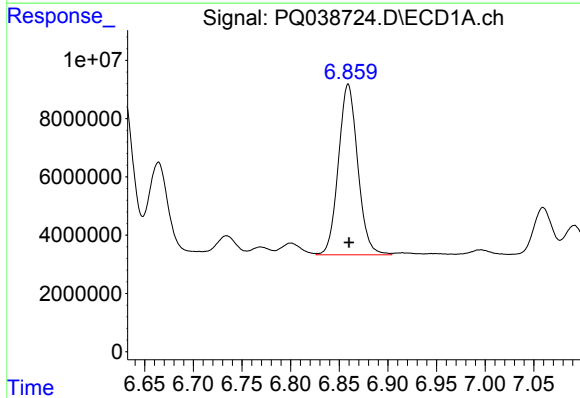
R.T.: 6.214 min
Delta R.T.: -0.001 min
Response: 54417475
Conc: 561.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



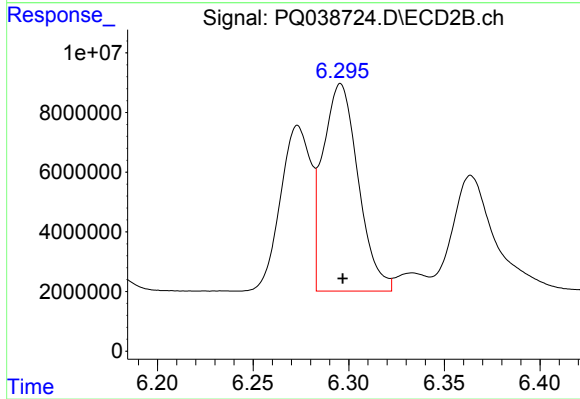
#11 AR-1232-1

R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 27083798
Conc: 525.50 ng/ml



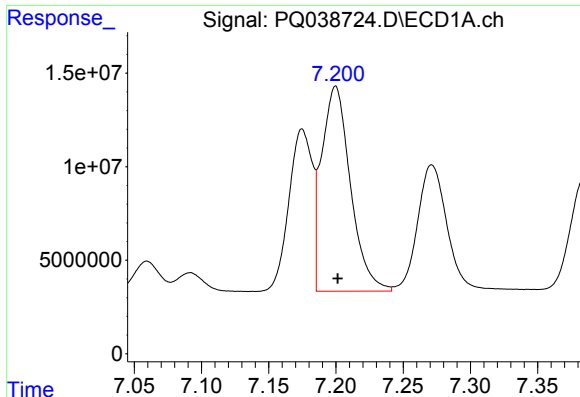
#12 AR-1232-2

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 80842476
Conc: 1442.26 ng/ml



#12 AR-1232-2

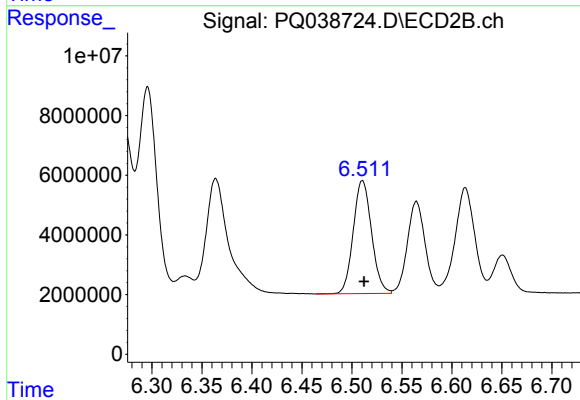
R.T.: 6.296 min
Delta R.T.: -0.001 min
Response: 89259739
Conc: 1533.84 ng/ml



#13 AR-1232-3

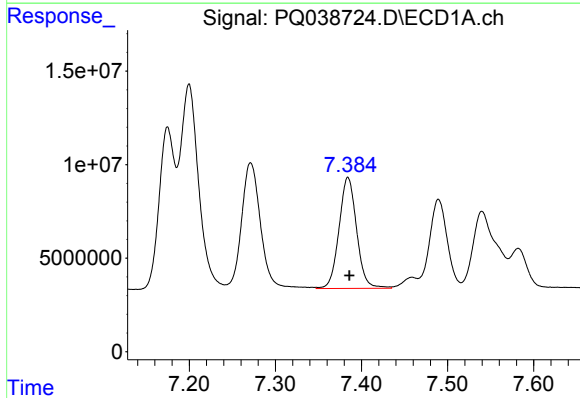
R.T.: 7.200 min
Delta R.T.: -0.002 min
Response: 163810375
Conc: 1536.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



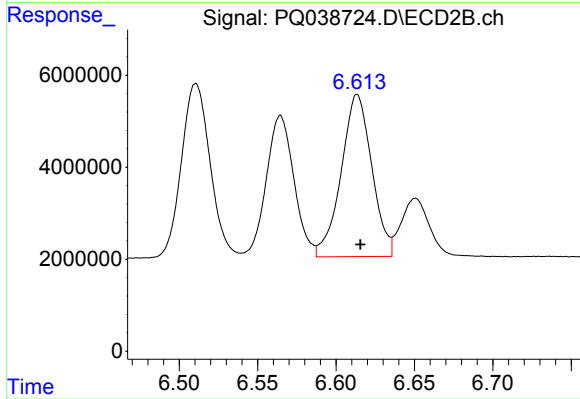
#13 AR-1232-3

R.T.: 6.511 min
Delta R.T.: -0.001 min
Response: 48298420
Conc: 1589.36 ng/ml



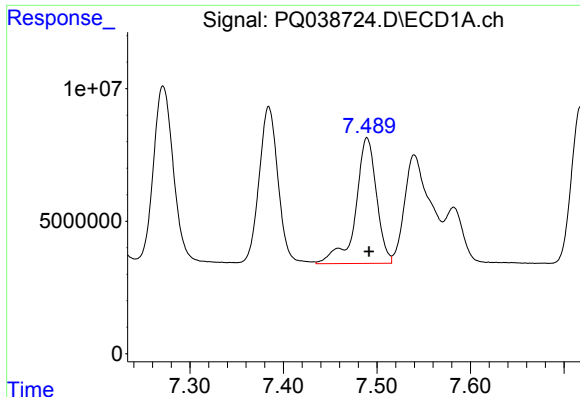
#14 AR-1232-4

R.T.: 7.384 min
Delta R.T.: -0.002 min
Response: 84529985
Conc: 1527.39 ng/ml



#14 AR-1232-4

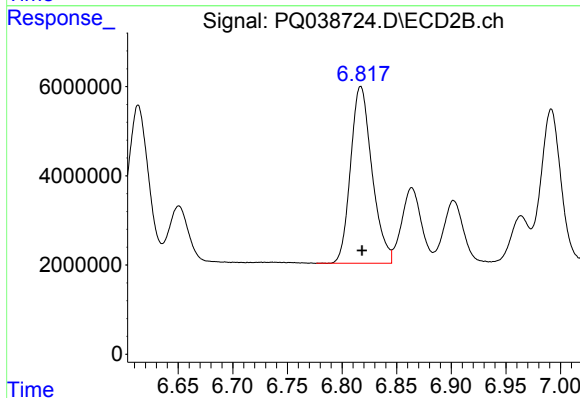
R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 47959046
Conc: 1716.68 ng/ml



#15 AR-1232-5

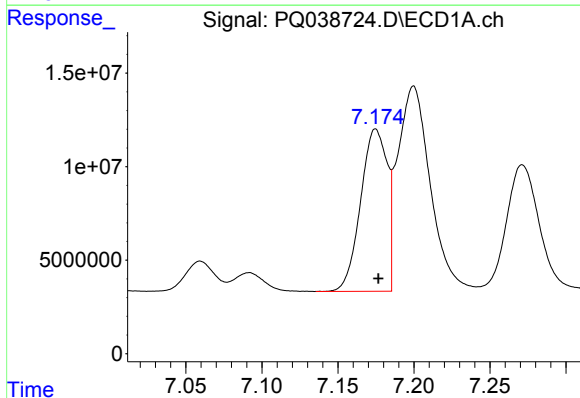
R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 73770134
Conc: 1891.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



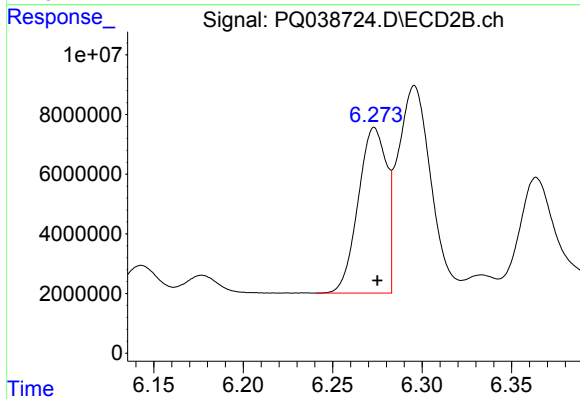
#15 AR-1232-5

R.T.: 6.817 min
Delta R.T.: -0.001 min
Response: 54103570
Conc: 1649.19 ng/ml



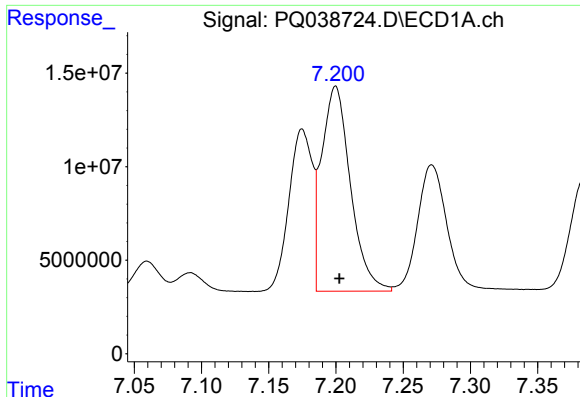
#16 AR-1242-1

R.T.: 7.175 min
Delta R.T.: -0.001 min
Response: 105072104
Conc: 688.56 ng/ml



#16 AR-1242-1

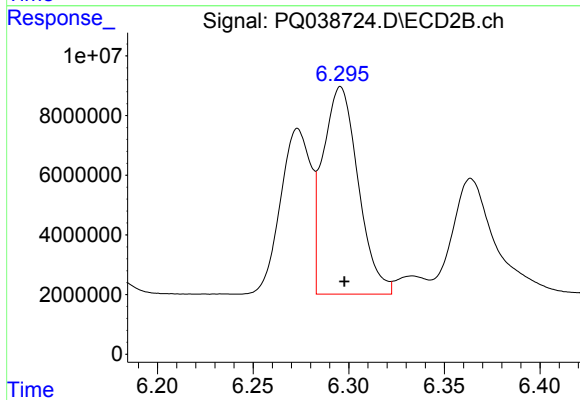
R.T.: 6.273 min
Delta R.T.: -0.002 min
Response: 61305332
Conc: 707.50 ng/ml



#17 AR-1242-2

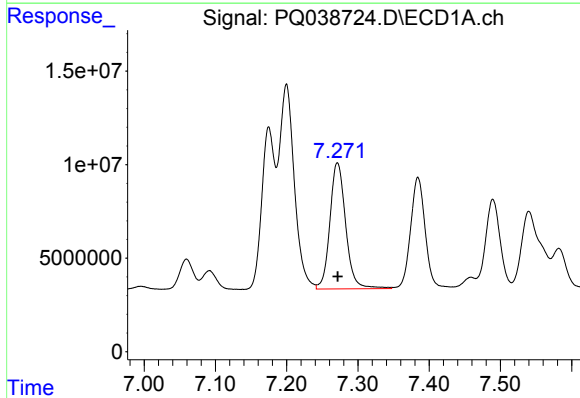
R.T.: 7.200 min
Delta R.T.: -0.003 min
Response: 163810375
Conc: 728.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



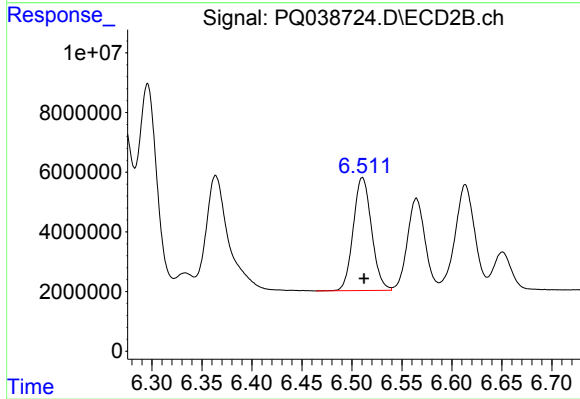
#17 AR-1242-2

R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 89259739
Conc: 715.70 ng/ml



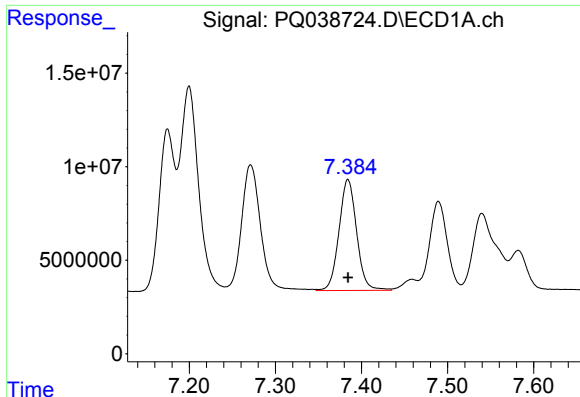
#18 AR-1242-3

R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 103914841
Conc: 733.49 ng/ml



#18 AR-1242-3

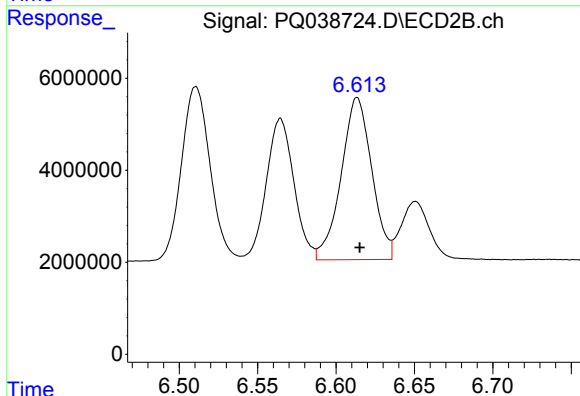
R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 48298420
Conc: 720.60 ng/ml



#19 AR-1242-4

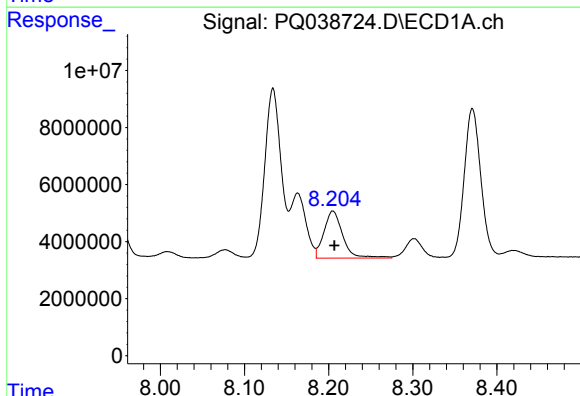
R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 84529985
Conc: 730.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



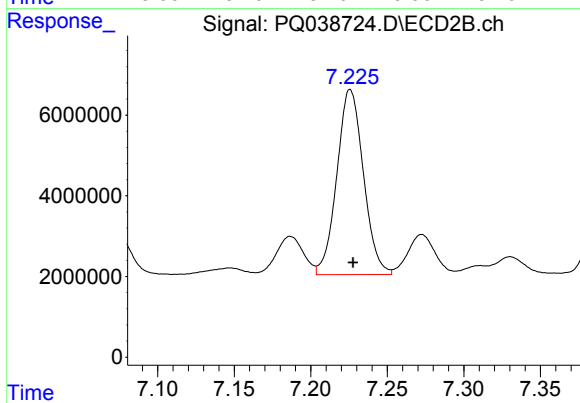
#19 AR-1242-4

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 47959046
Conc: 709.98 ng/ml



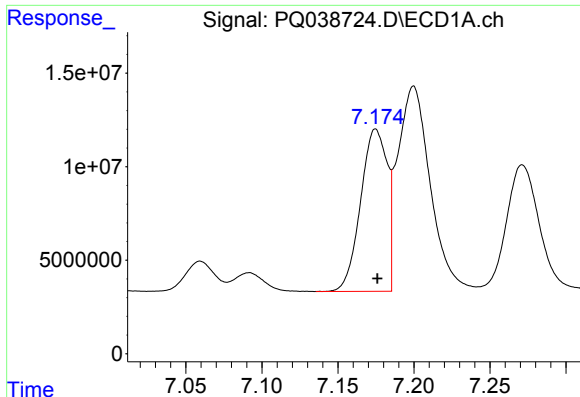
#20 AR-1242-5

R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 25715939
Conc: 189.38 ng/ml



#20 AR-1242-5

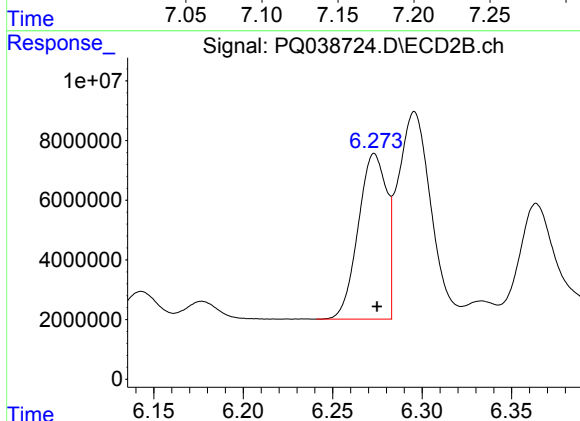
R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 55438567
Conc: 580.57 ng/ml



#21 AR-1248-1

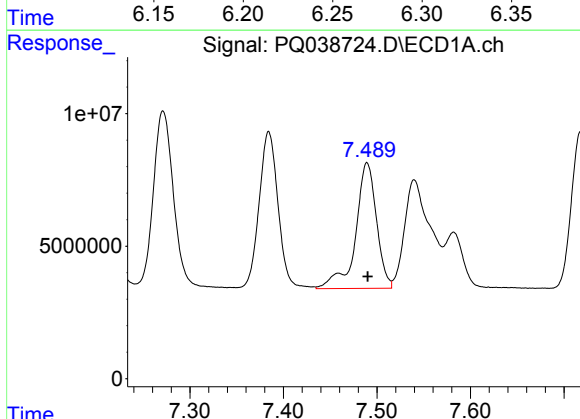
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 105072104
Conc: 996.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



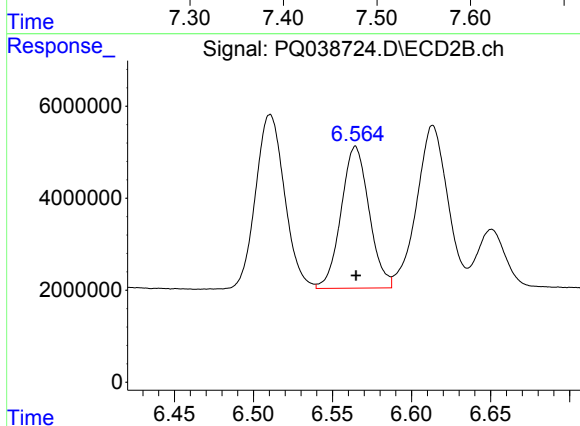
#21 AR-1248-1

R.T.: 6.273 min
Delta R.T.: -0.002 min
Response: 61305332
Conc: 1016.65 ng/ml



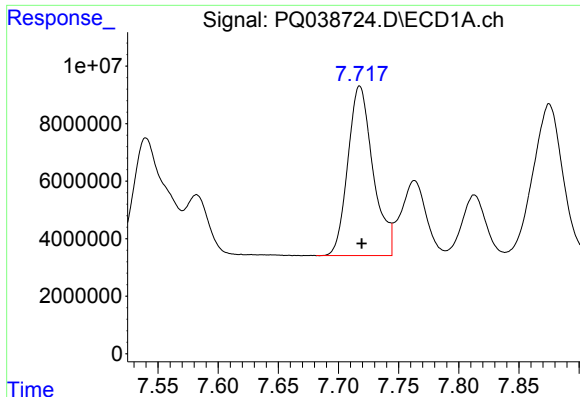
#22 AR-1248-2

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 73770134
Conc: 492.72 ng/ml



#22 AR-1248-2

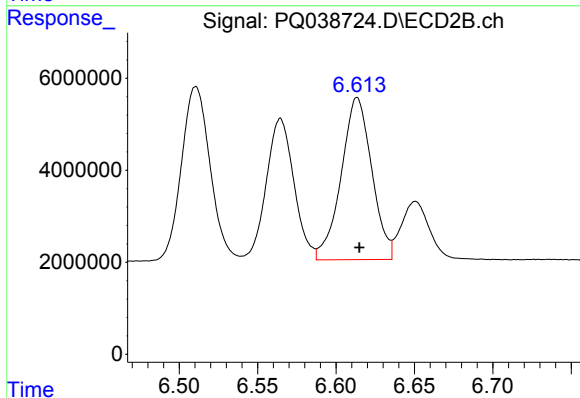
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 38008040
Conc: 449.18 ng/ml



#23 AR-1248-3

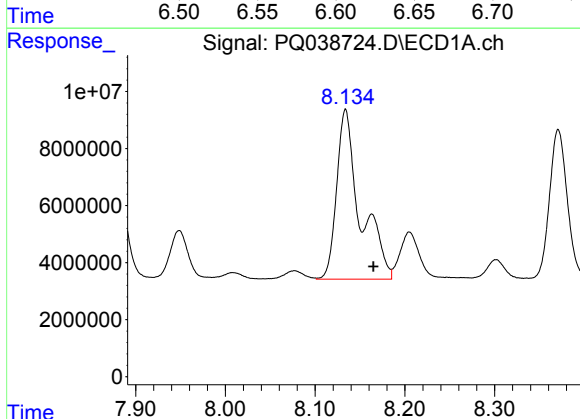
R.T.: 7.718 min
Delta R.T.: -0.002 min
Response: 85812033
Conc: 469.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



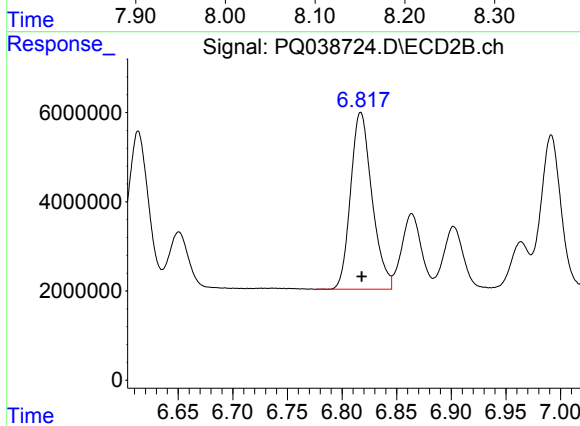
#23 AR-1248-3

R.T.: 6.613 min
Delta R.T.: -0.001 min
Response: 47959046
Conc: 540.02 ng/ml



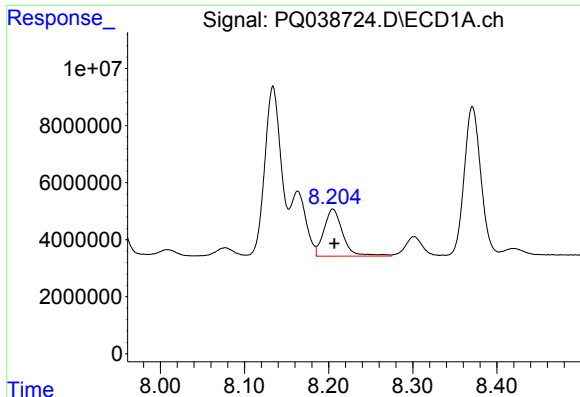
#24 AR-1248-4

R.T.: 8.134 min
Delta R.T.: -0.031 min
Response: 108415380
Conc: 533.53 ng/ml



#24 AR-1248-4

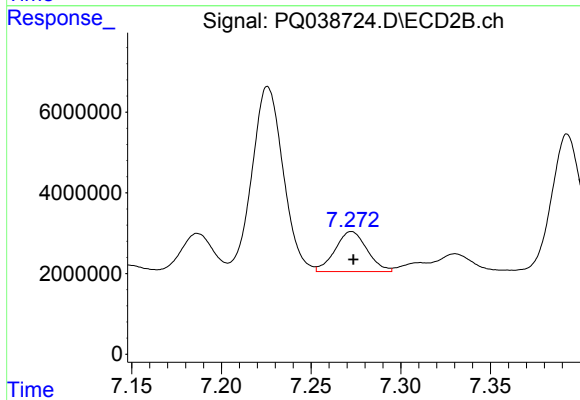
R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 54103570
Conc: 471.89 ng/ml



#25 AR-1248-5

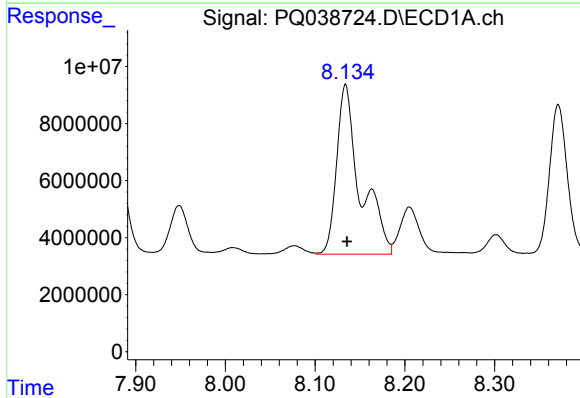
R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 25715939
Conc: 126.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



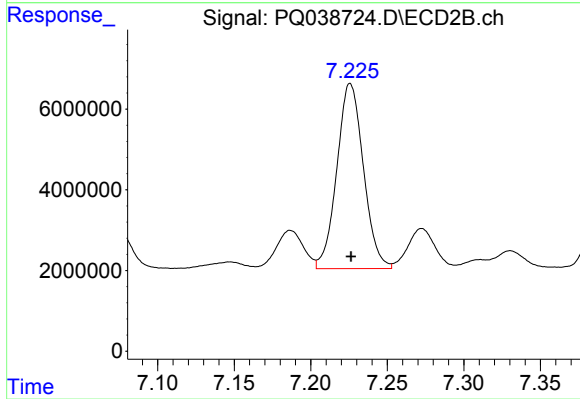
#25 AR-1248-5

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 12345340
Conc: 107.23 ng/ml



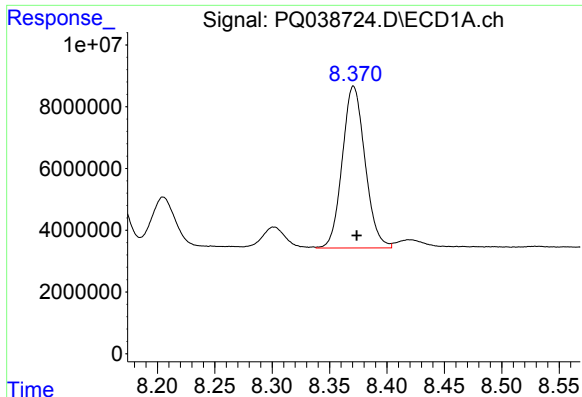
#26 AR-1254-1

R.T.: 8.134 min
Delta R.T.: -0.002 min
Response: 108415380
Conc: 502.44 ng/ml



#26 AR-1254-1

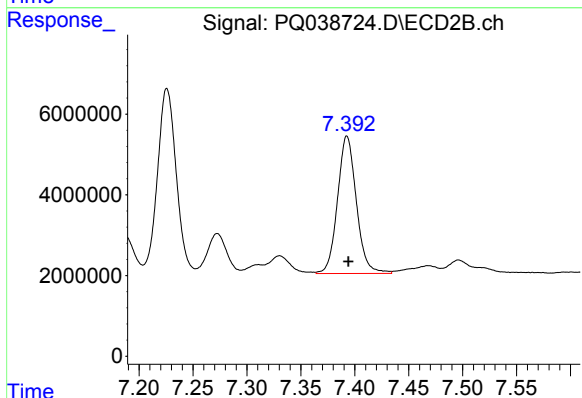
R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 55438567
Conc: 301.70 ng/ml



#27 AR-1254-2

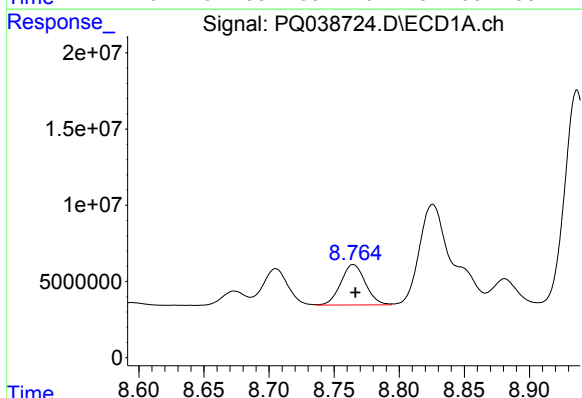
R.T.: 8.371 min
Delta R.T.: -0.003 min
Response: 72258502
Conc: 213.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



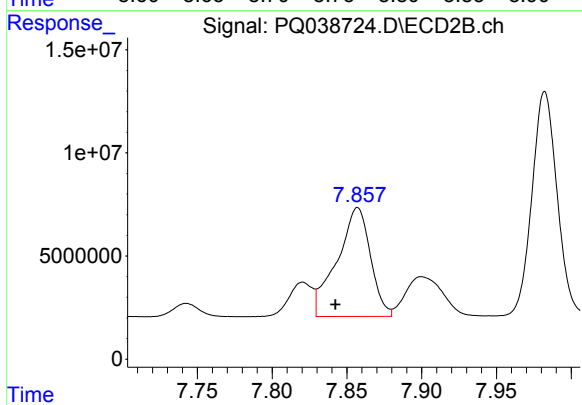
#27 AR-1254-2

R.T.: 7.393 min
Delta R.T.: -0.001 min
Response: 41497601
Conc: 256.38 ng/ml



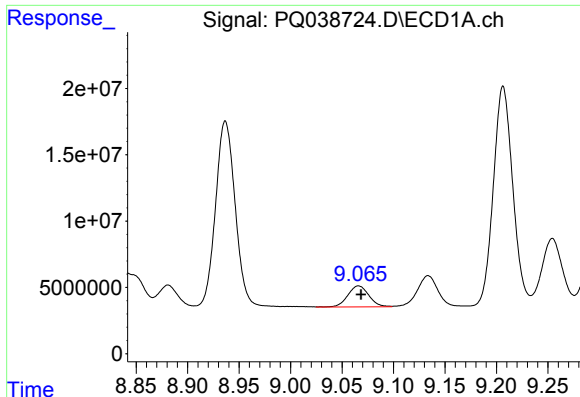
#28 AR-1254-3

R.T.: 8.765 min
Delta R.T.: -0.001 min
Response: 34869110
Conc: 93.82 ng/ml



#28 AR-1254-3

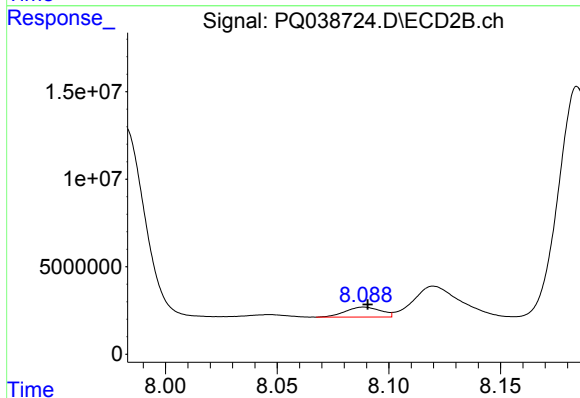
R.T.: 7.857 min
Delta R.T.: 0.015 min
Response: 82095631
Conc: 290.56 ng/ml



#29 AR-1254-4

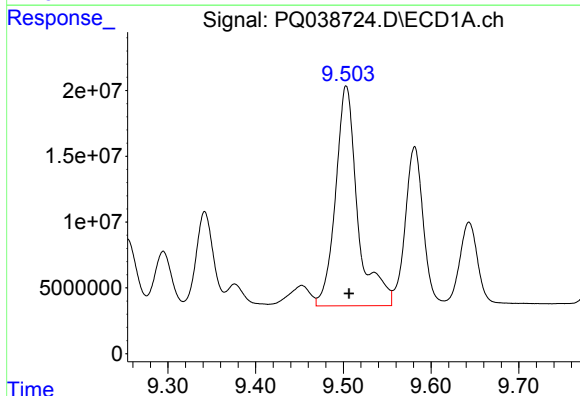
R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 22544767
Conc: 88.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



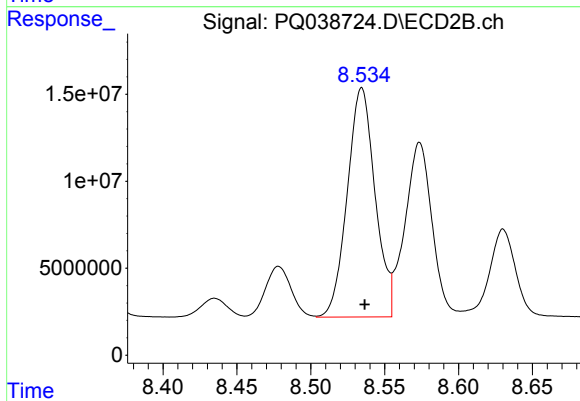
#29 AR-1254-4

R.T.: 8.089 min
Delta R.T.: -0.002 min
Response: 6284304
Conc: 37.87 ng/ml



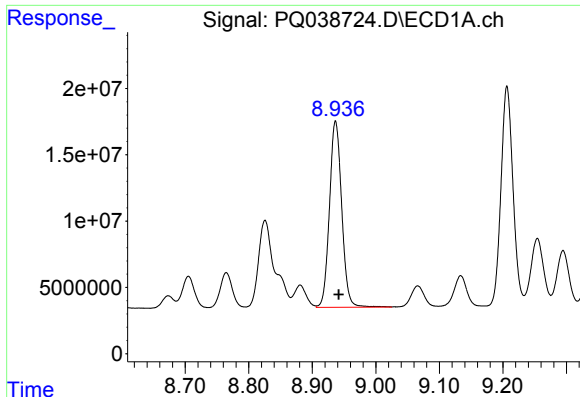
#30 AR-1254-5

R.T.: 9.503 min
Delta R.T.: -0.003 min
Response: 293925963
Conc: 986.20 ng/ml



#30 AR-1254-5

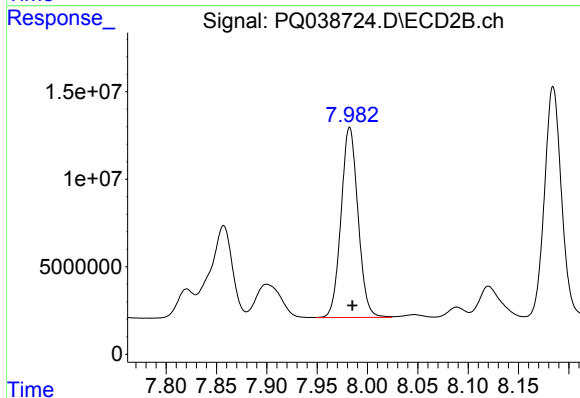
R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 172754811
Conc: 701.33 ng/ml



#31 AR-1260-1

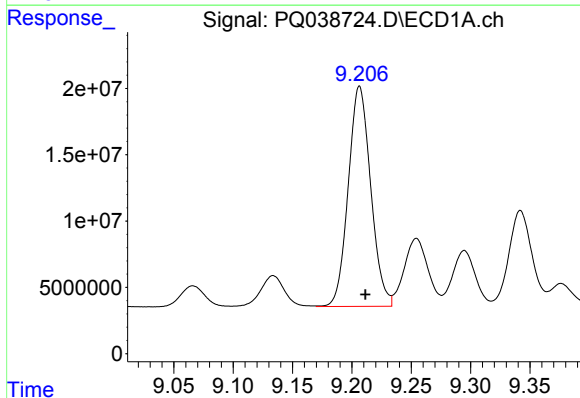
R.T.: 8.937 min
Delta R.T.: -0.005 min
Response: 188165284
Conc: 393.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



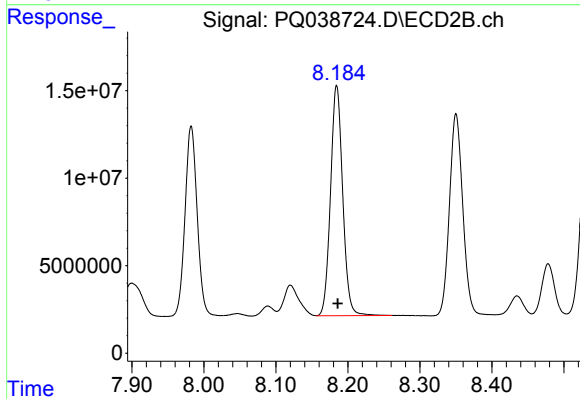
#31 AR-1260-1

R.T.: 7.982 min
Delta R.T.: -0.003 min
Response: 127685265
Conc: 421.50 ng/ml



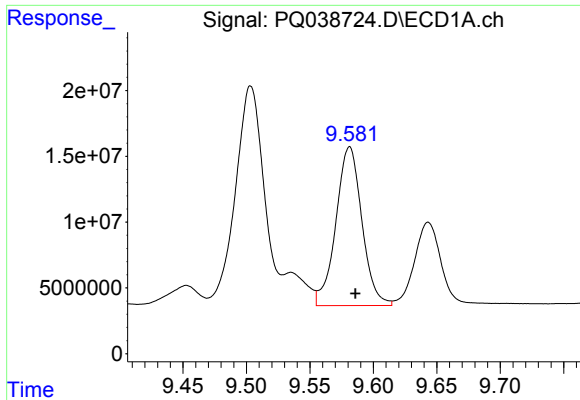
#32 AR-1260-2

R.T.: 9.206 min
Delta R.T.: -0.005 min
Response: 218699348
Conc: 385.03 ng/ml



#32 AR-1260-2

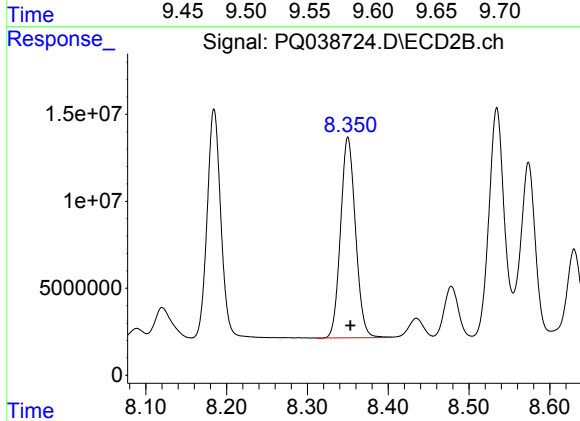
R.T.: 8.184 min
Delta R.T.: -0.002 min
Response: 154338635
Conc: 416.65 ng/ml



#33 AR-1260-3

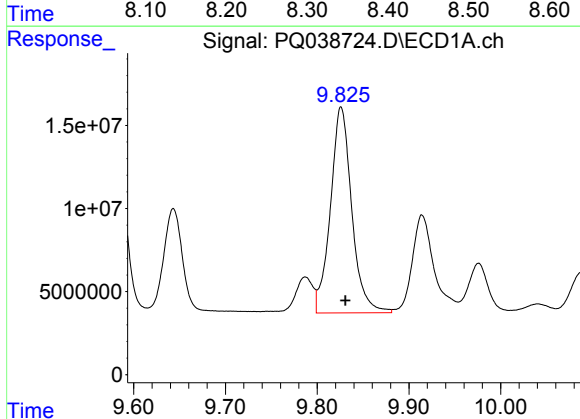
R.T.: 9.581 min
Delta R.T.: -0.005 min
Response: 172619737
Conc: 396.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



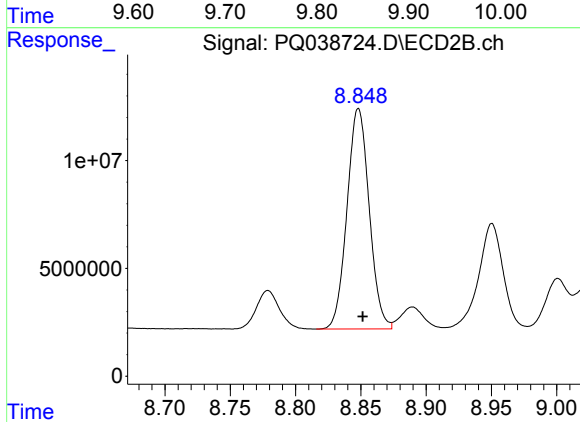
#33 AR-1260-3

R.T.: 8.350 min
Delta R.T.: -0.003 min
Response: 148071503
Conc: 422.38 ng/ml



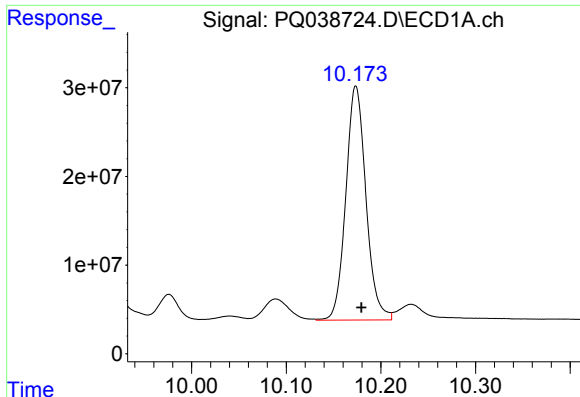
#34 AR-1260-4

R.T.: 9.826 min
Delta R.T.: -0.005 min
Response: 200347931
Conc: 390.36 ng/ml



#34 AR-1260-4

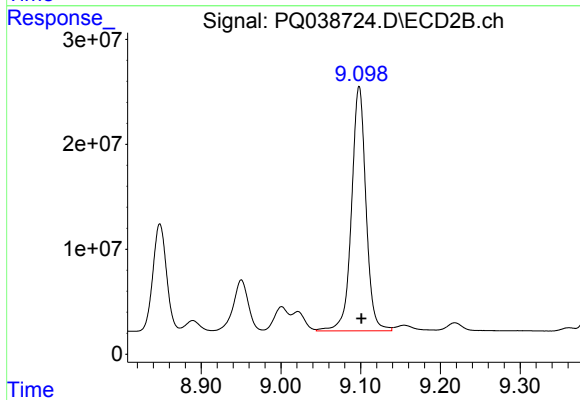
R.T.: 8.848 min
Delta R.T.: -0.003 min
Response: 121010202
Conc: 419.05 ng/ml



#35 AR-1260-5

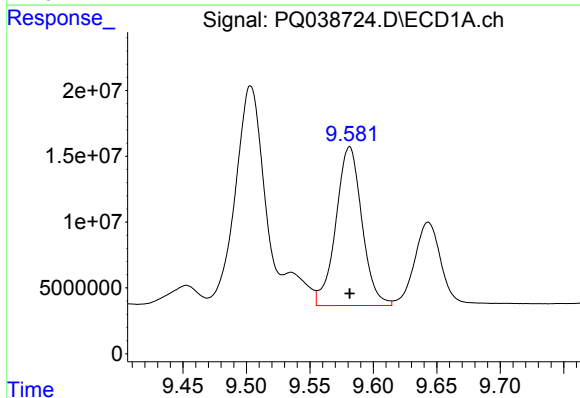
R.T.: 10.174 min
Delta R.T.: -0.006 min
Response: 390627371
Conc: 376.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



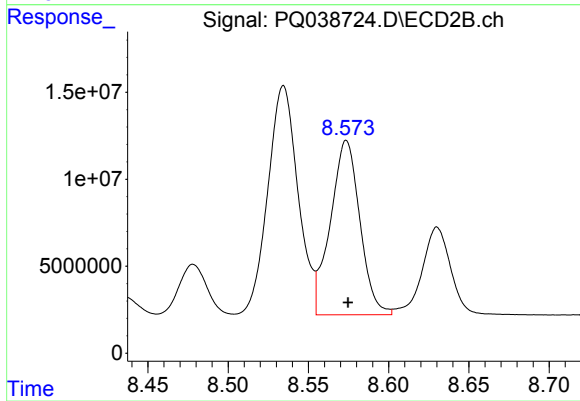
#35 AR-1260-5

R.T.: 9.098 min
Delta R.T.: -0.003 min
Response: 293572306
Conc: 413.93 ng/ml



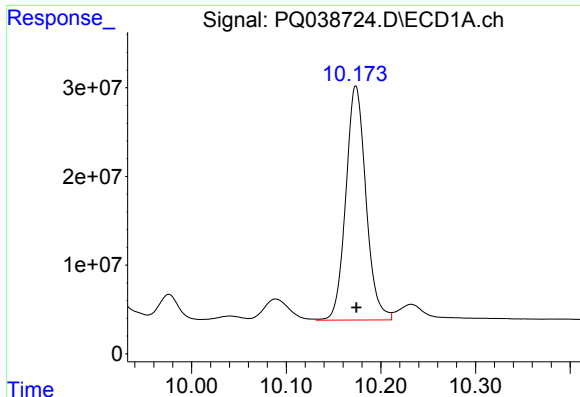
#36 AR-1262-1

R.T.: 9.581 min
Delta R.T.: 0.000 min
Response: 172619737
Conc: 464.69 ng/ml



#36 AR-1262-1

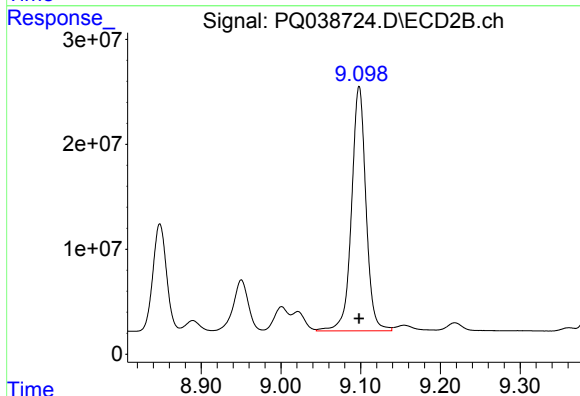
R.T.: 8.574 min
Delta R.T.: 0.000 min
Response: 128170456
Conc: 489.55 ng/ml



#37 AR-1262-2

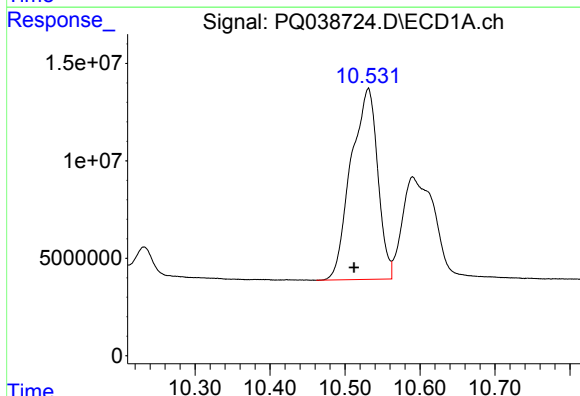
R.T.: 10.174 min
Delta R.T.: 0.000 min
Response: 390627371
Conc: 590.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



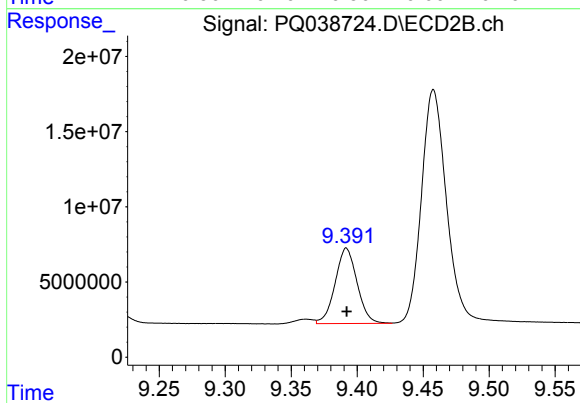
#37 AR-1262-2

R.T.: 9.098 min
Delta R.T.: 0.000 min
Response: 293572306
Conc: 614.33 ng/ml



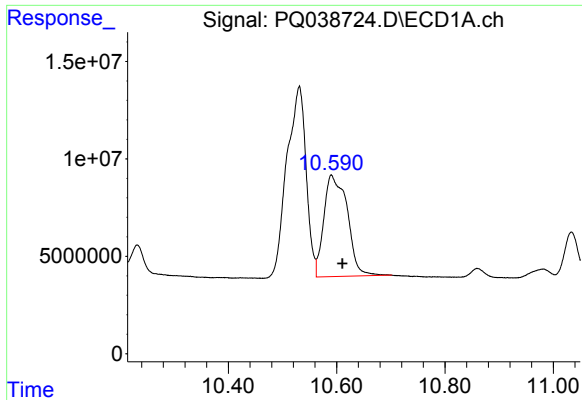
#38 AR-1262-3

R.T.: 10.531 min
Delta R.T.: 0.019 min
Response: 241951191
Conc: 535.43 ng/ml



#38 AR-1262-3

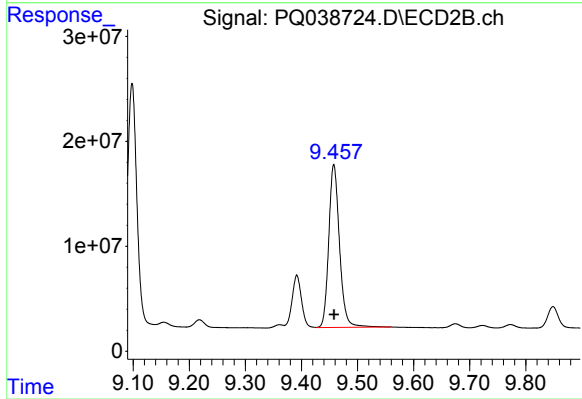
R.T.: 9.392 min
Delta R.T.: 0.000 min
Response: 58217874
Conc: 299.85 ng/ml



#39 AR-1262-4

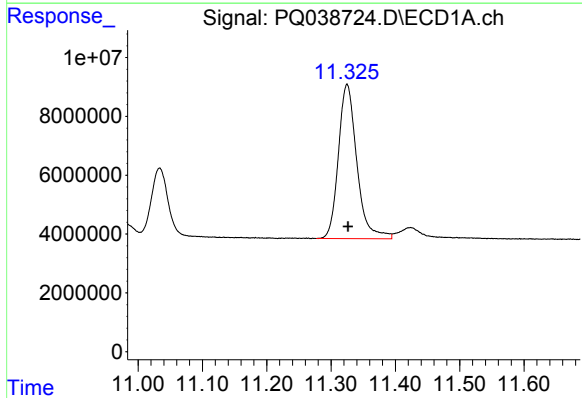
R.T.: 10.591 min
Delta R.T.: -0.020 min
Response: 156221664
Conc: 435.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



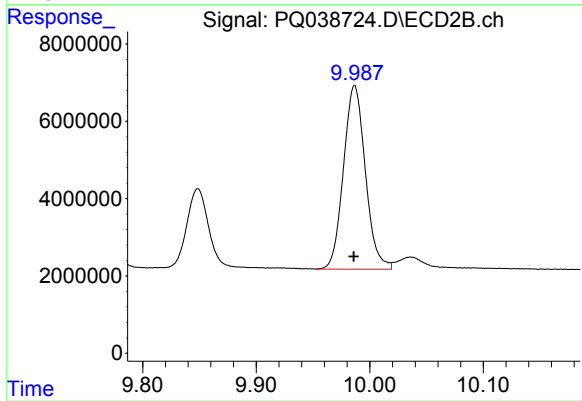
#39 AR-1262-4

R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 206906037
Conc: 561.80 ng/ml



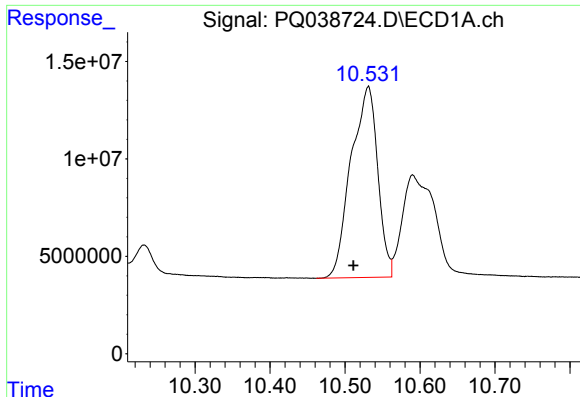
#40 AR-1262-5

R.T.: 11.325 min
Delta R.T.: -0.001 min
Response: 104584306
Conc: 420.33 ng/ml



#40 AR-1262-5

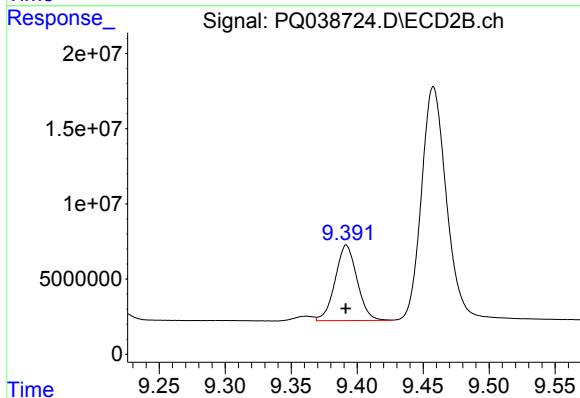
R.T.: 9.987 min
Delta R.T.: 0.000 min
Response: 63659265
Conc: 421.43 ng/ml



#41 AR-1268-1

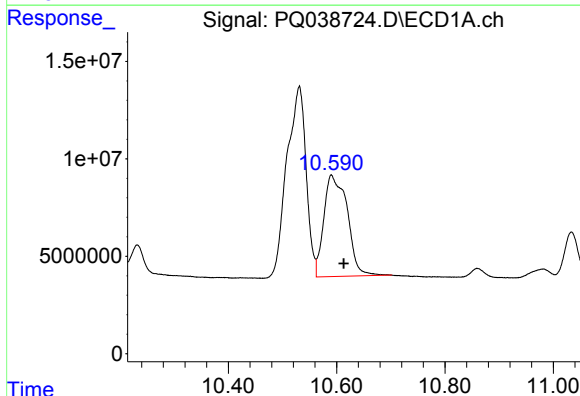
R.T.: 10.531 min
Delta R.T.: 0.020 min
Response: 241951191
Conc: 161.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



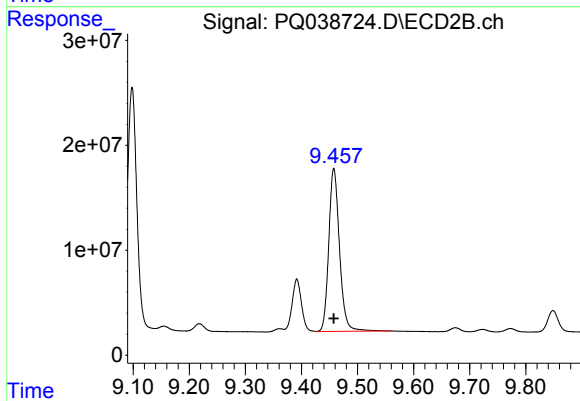
#41 AR-1268-1

R.T.: 9.392 min
Delta R.T.: 0.000 min
Response: 58217874
Conc: 57.67 ng/ml



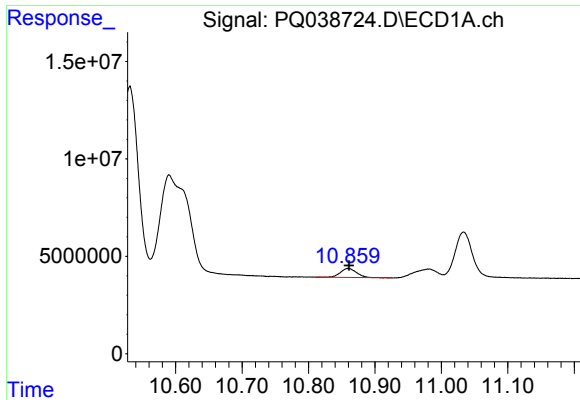
#42 AR-1268-2

R.T.: 10.591 min
Delta R.T.: -0.022 min
Response: 156221664
Conc: 113.08 ng/ml



#42 AR-1268-2

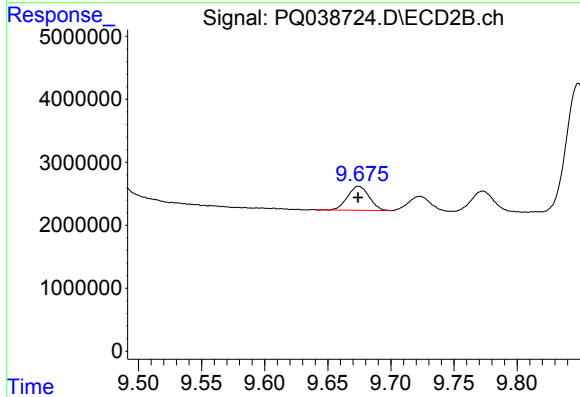
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 206906037
Conc: 221.84 ng/ml



#43 AR-1268-3

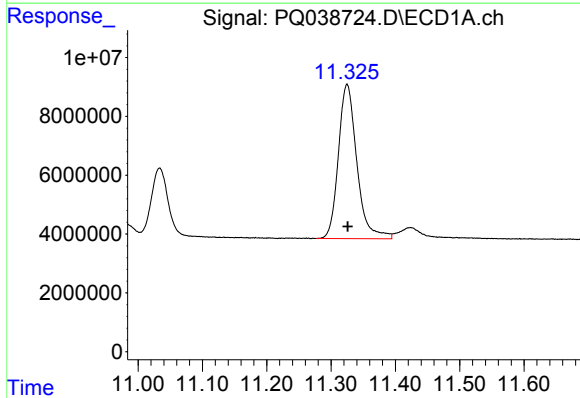
R.T.: 10.860 min
Delta R.T.: -0.001 min
Response: 7895752
Conc: 6.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



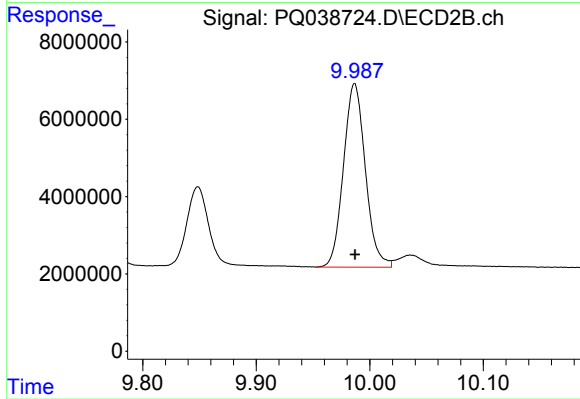
#43 AR-1268-3

R.T.: 9.674 min
Delta R.T.: 0.000 min
Response: 4554124
Conc: 5.76 ng/ml



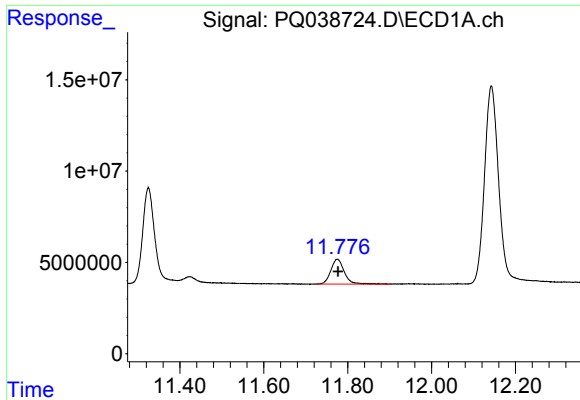
#44 AR-1268-4

R.T.: 11.325 min
Delta R.T.: 0.000 min
Response: 104584306
Conc: 208.49 ng/ml



#44 AR-1268-4

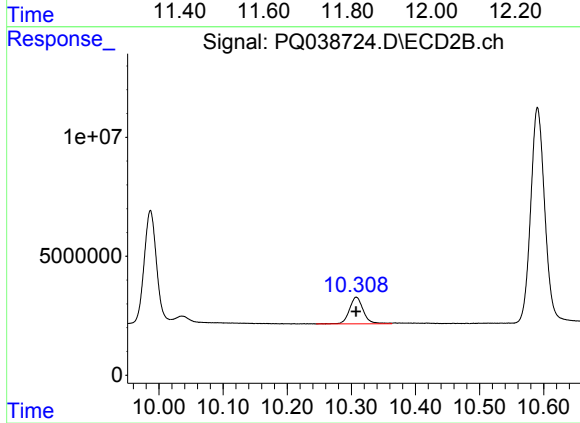
R.T.: 9.987 min
Delta R.T.: 0.000 min
Response: 63659265
Conc: 204.78 ng/ml



#45 AR-1268-5

R.T.: 11.775 min
Delta R.T.: -0.002 min
Response: 30540473
Conc: 7.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660305



#45 AR-1268-5

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 16707144
Conc: 6.71 ng/ml