

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 16:46
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

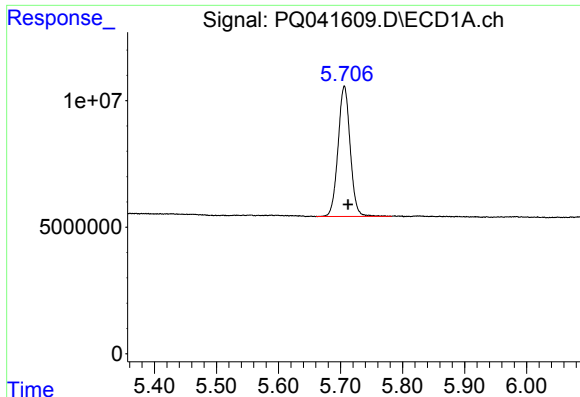
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 00:16:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.706	4.763	70040831	58130169	18.296	19.338
2)	SA Decachlor...	12.113	10.525	378.3E6	194.8E6	36.568	42.748
Target Compounds							
5)	L1 AR-1016-3	0.000	6.506	0	40765807	N.D.	361.060 #
6)	L1 AR-1016-4	0.000	6.506	0	40765807	N.D.	447.164 #
7)	L1 AR-1016-5	7.694	6.759	25154913	24692749	189.035	205.464
13)	L3 AR-1232-3	0.000	6.506	0	40765807	N.D.	846.940 #
14)	L3 AR-1232-4	0.000	6.554	0	12026128	N.D.	278.934 #
15)	L3 AR-1232-5	7.465	6.759	40879314	24692749	1107.694	510.480 #
18)	L4 AR-1242-3	0.000	6.506	0	40765807	N.D.	488.490 #
19)	L4 AR-1242-4	0.000	6.554	0	12026128	N.D.	147.651 #
20)	L4 AR-1242-5	8.185	7.168	28131161	115.1E6	212.188	922.419 #
22)	L5 AR-1248-2	7.465	6.506	40879314	40765807	332.195	363.932
23)	L5 AR-1248-3	7.694	6.554	25154913	12026128	160.186	104.188 #
24)	L5 AR-1248-4	8.141	6.759	48144589	24692749	222.882	170.582
25)	L5 AR-1248-5	8.185	7.215	28131161	14654931	132.096	87.086 #
26)	L6 AR-1254-1	8.111	7.168	87159231	115.1E6	429.988	452.784
27)	L6 AR-1254-2	8.350	7.336	144.0E6	101.2E6	416.832	442.296
28)	L6 AR-1254-3	8.743	7.784	164.9E6	174.8E6	397.952	430.658
29)	L6 AR-1254-4	9.046	8.033	143.5E6	123.7E6	396.610	452.795
30)	L6 AR-1254-5	9.485	8.479	152.6E6	165.5E6	380.117	414.405
31)	L7 AR-1260-1	8.916	7.926	64870096	83685533	214.721	314.661 #
32)	L7 AR-1260-2	9.187	8.128	84947499	72338847	185.326	199.363
33)	L7 AR-1260-3	9.550	8.293	18564252	70598634	43.723	224.821 #
34)	L7 AR-1260-4	9.796	8.793	60946821	7878920	144.785	27.676 #
35)	L7 AR-1260-5	10.154	9.042	26222347	19717665	24.539	26.517
36)	L8 AR-1262-1	9.623	8.553	5613887	17622064	22.866	91.620 #
37)	L8 AR-1262-2	10.154	9.042	26222347	19717665	21.592	23.469
38)	L8 AR-1262-3	10.511	9.337	20980217	1420948	25.175	4.040 #
39)	L8 AR-1262-4	10.564	9.402	5390112	18865151	8.274	32.100 #
40)	L8 AR-1262-5	0.000	9.930	0	1599871	N.D.	6.667 #
41)	L9 AR-1268-1	10.511	9.337	20980217	1420948	11.626	1.244 #
42)	L9 AR-1268-2	10.564	9.402	5390112	18865151	3.378	19.414 #
43)	L9 AR-1268-3	10.836	9.619	2664489	2616098	1.895	3.277 #
44)	L9 AR-1268-4	0.000	9.930	0	1599871	N.D.	5.213 #
45)	L9 AR-1268-5	0.000	10.247	0	4237399	N.D.	2.145 #

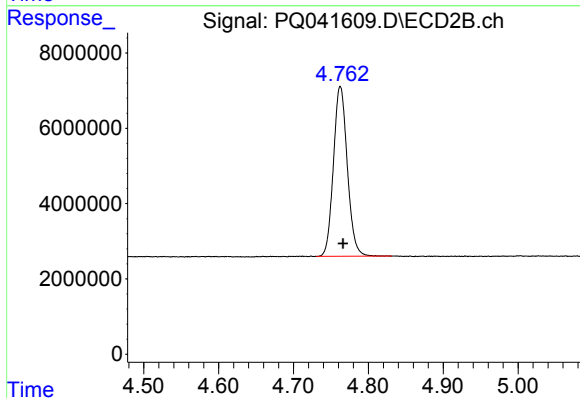
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

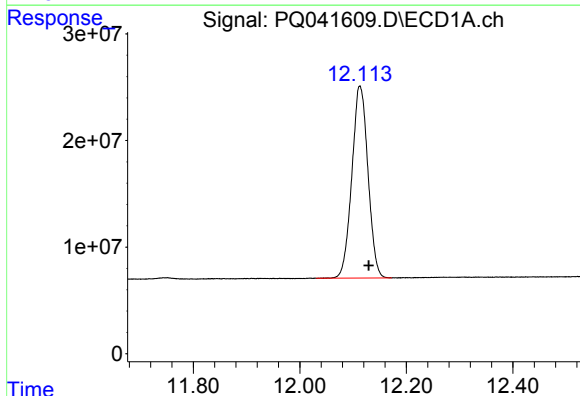
R.T.: 5.706 min
Delta R.T.: -0.006 min
Response: 70040831
Conc: 18.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



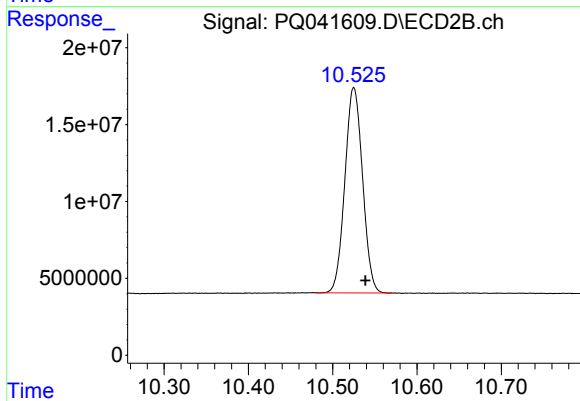
#1 Tetrachloro-m-xylene

R.T.: 4.763 min
Delta R.T.: -0.004 min
Response: 58130169
Conc: 19.34 ng/ml



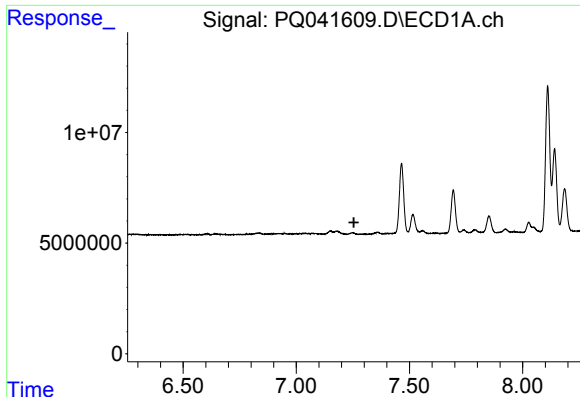
#2 Decachlorobiphenyl

R.T.: 12.113 min
Delta R.T.: -0.017 min
Response: 378251532
Conc: 36.57 ng/ml



#2 Decachlorobiphenyl

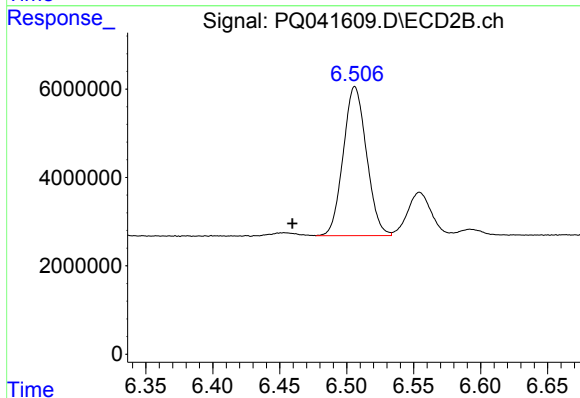
R.T.: 10.525 min
Delta R.T.: -0.014 min
Response: 194792066
Conc: 42.75 ng/ml



#5 AR-1016-3

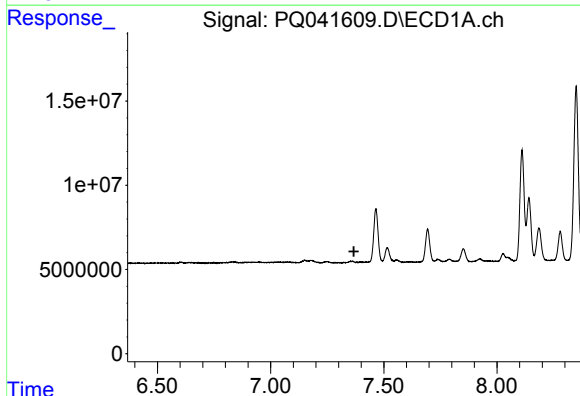
R.T.: 0.000 min
Exp R.T.: 7.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



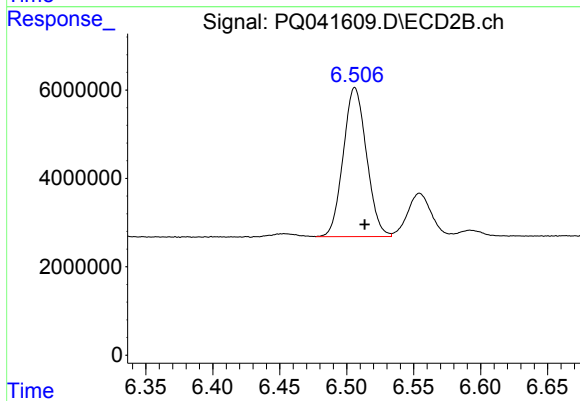
#5 AR-1016-3

R.T.: 6.506 min
Delta R.T.: 0.047 min
Response: 40765807
Conc: 361.06 ng/ml



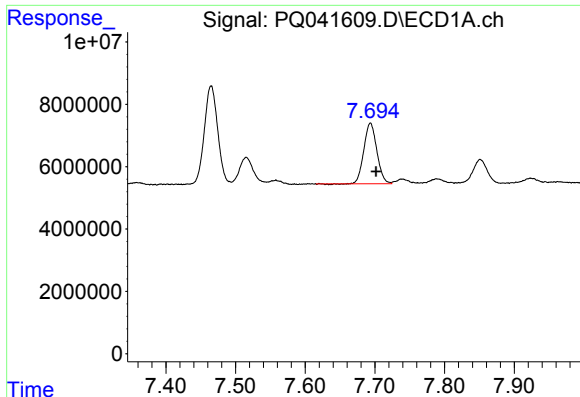
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.368 min
Response: 0
Conc: N.D.



#6 AR-1016-4

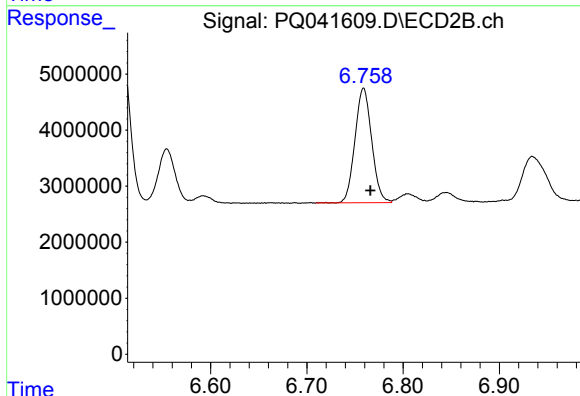
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 40765807
Conc: 447.16 ng/ml



#7 AR-1016-5

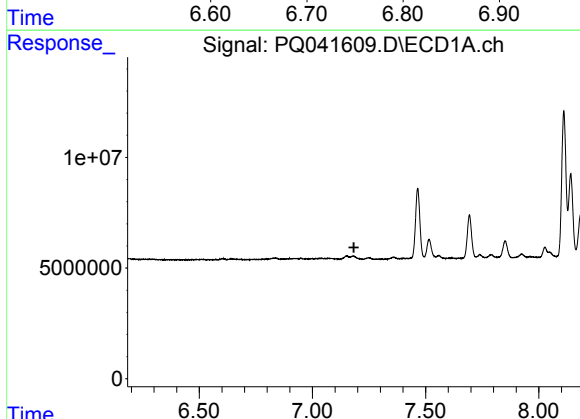
R.T.: 7.694 min
Delta R.T.: -0.008 min
Response: 25154913
Conc: 189.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



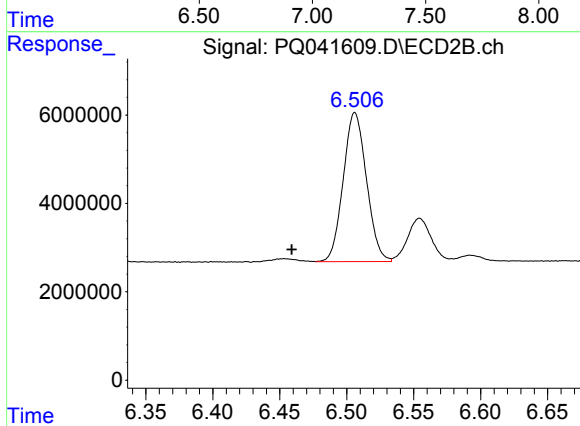
#7 AR-1016-5

R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 24692749
Conc: 205.46 ng/ml



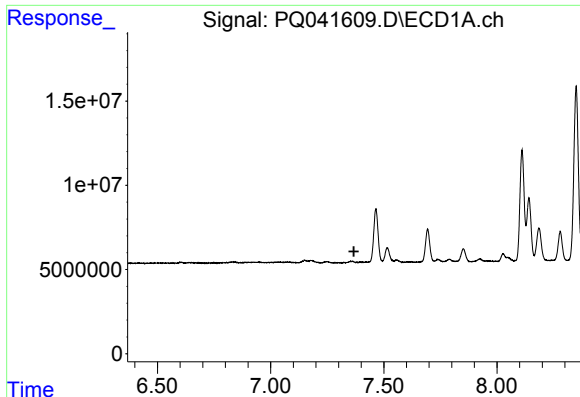
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 7.183 min
Response: 0
Conc: N.D.



#13 AR-1232-3

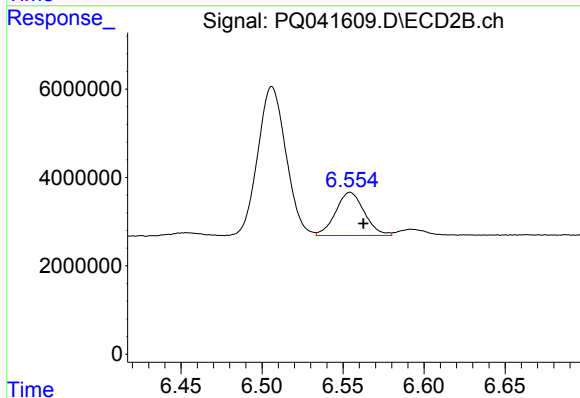
R.T.: 6.506 min
Delta R.T.: 0.047 min
Response: 40765807
Conc: 846.94 ng/ml



#14 AR-1232-4

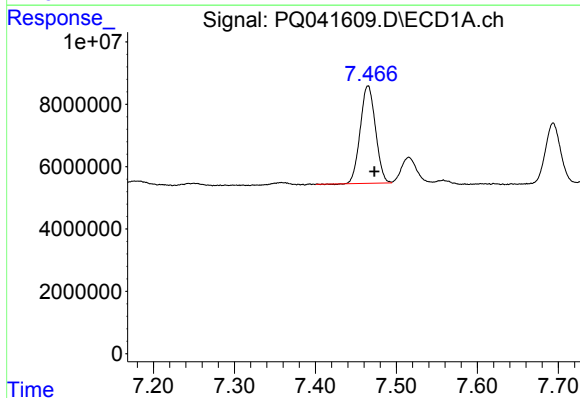
R.T.: 0.000 min
Exp R.T.: 7.368 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



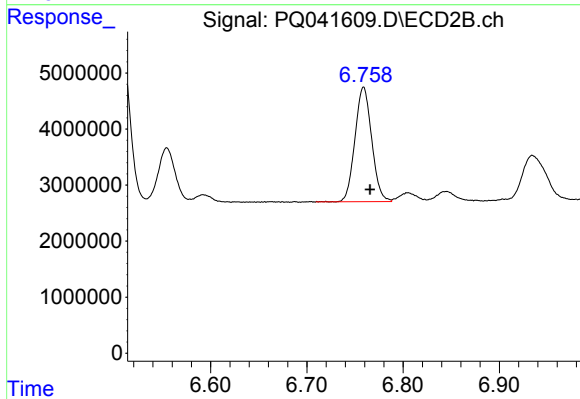
#14 AR-1232-4

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 12026128
Conc: 278.93 ng/ml



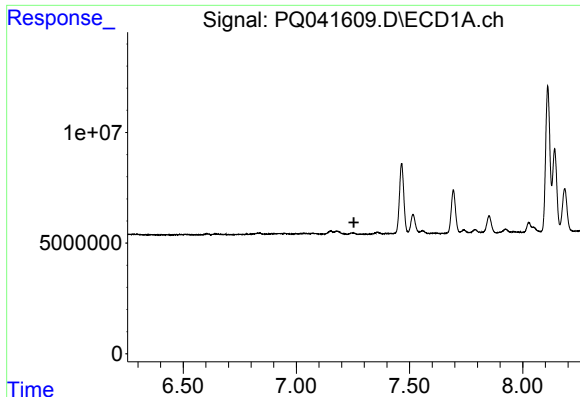
#15 AR-1232-5

R.T.: 7.465 min
Delta R.T.: -0.008 min
Response: 40879314
Conc: 1107.69 ng/ml



#15 AR-1232-5

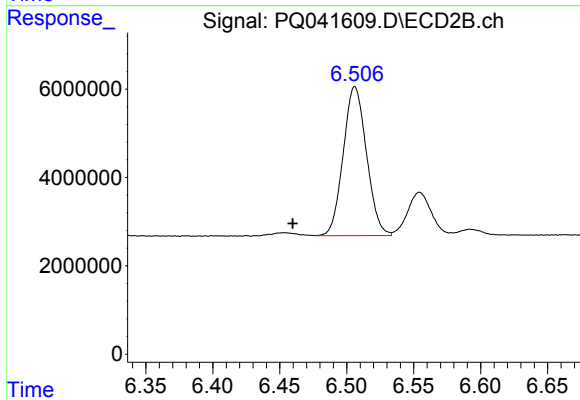
R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 24692749
Conc: 510.48 ng/ml



#18 AR-1242-3

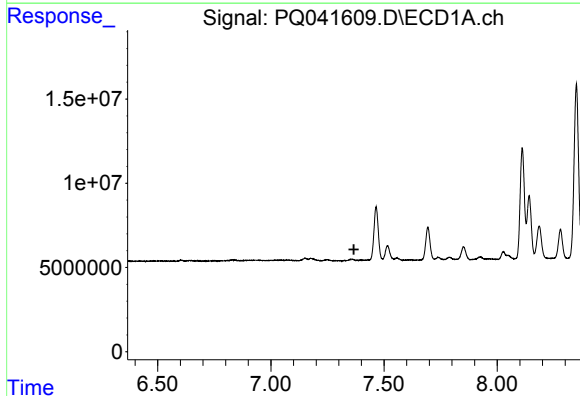
R.T.: 0.000 min
Exp R.T.: 7.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



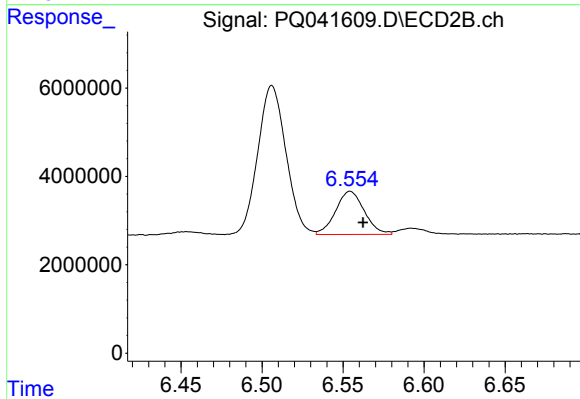
#18 AR-1242-3

R.T.: 6.506 min
Delta R.T.: 0.046 min
Response: 40765807
Conc: 488.49 ng/ml



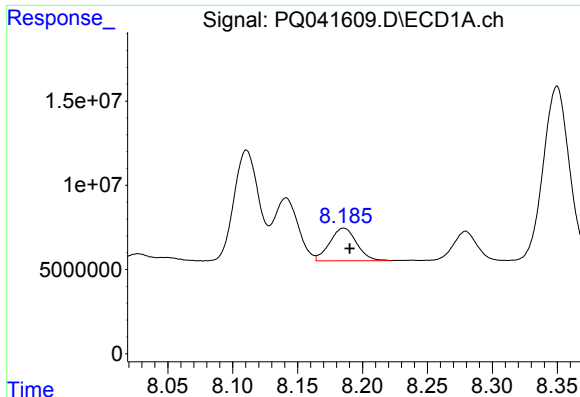
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 7.367 min
Response: 0
Conc: N.D.



#19 AR-1242-4

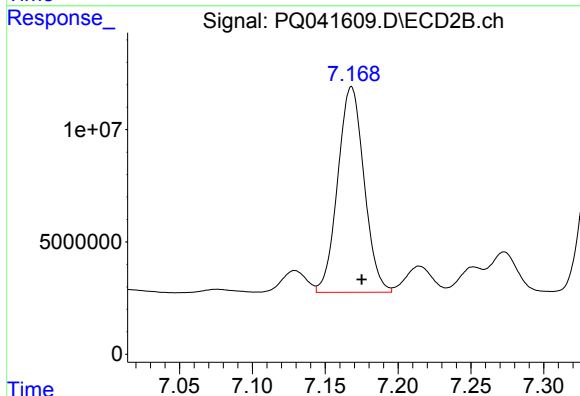
R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 12026128
Conc: 147.65 ng/ml



#20 AR-1242-5

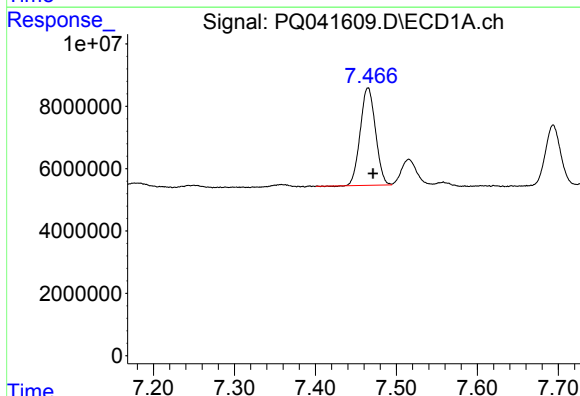
R.T.: 8.185 min
Delta R.T.: -0.005 min
Response: 28131161
Conc: 212.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



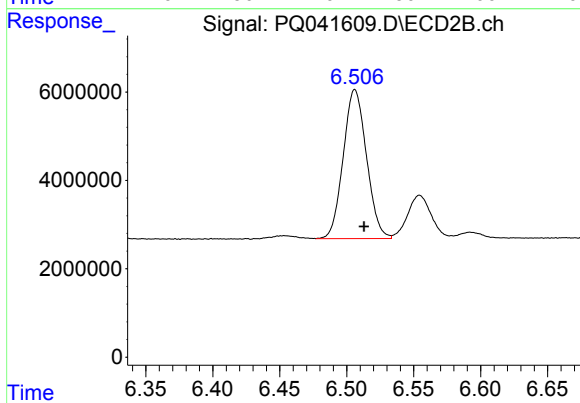
#20 AR-1242-5

R.T.: 7.168 min
Delta R.T.: -0.007 min
Response: 115145213
Conc: 922.42 ng/ml



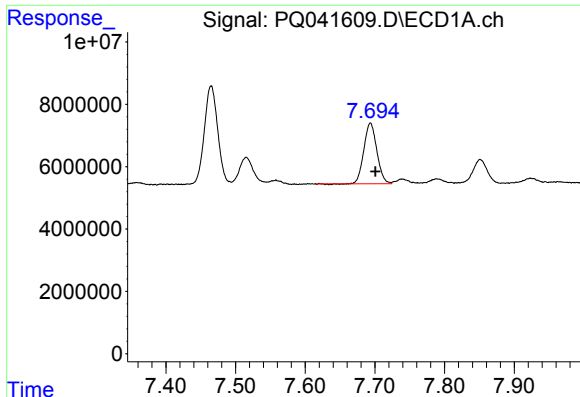
#22 AR-1248-2

R.T.: 7.465 min
Delta R.T.: -0.006 min
Response: 40879314
Conc: 332.20 ng/ml



#22 AR-1248-2

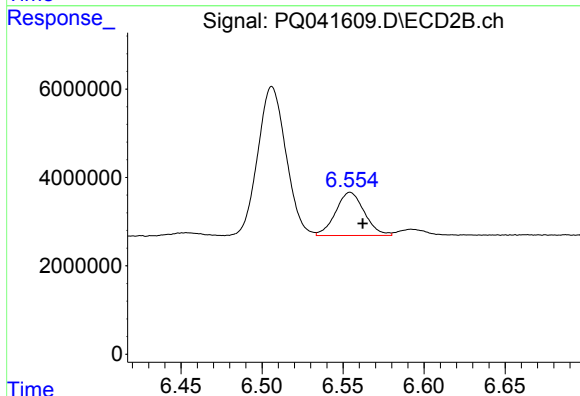
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 40765807
Conc: 363.93 ng/ml



#23 AR-1248-3

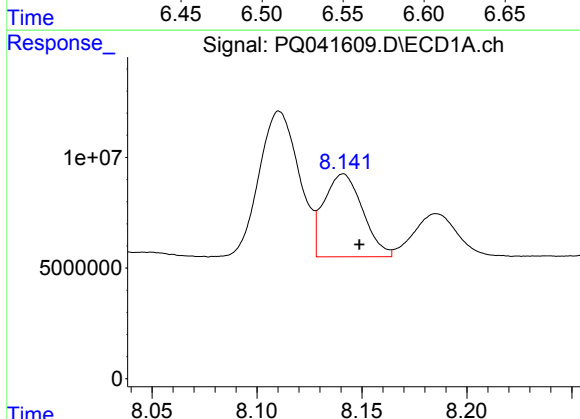
R.T.: 7.694 min
Delta R.T.: -0.007 min
Response: 25154913
Conc: 160.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



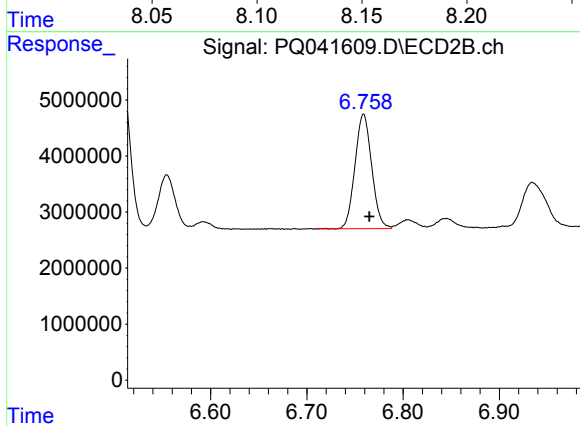
#23 AR-1248-3

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 12026128
Conc: 104.19 ng/ml



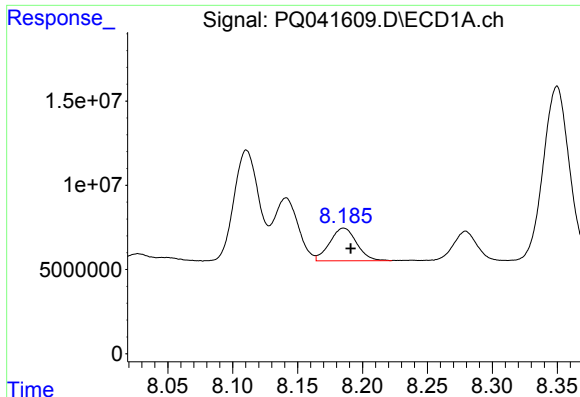
#24 AR-1248-4

R.T.: 8.141 min
Delta R.T.: -0.008 min
Response: 48144589
Conc: 222.88 ng/ml



#24 AR-1248-4

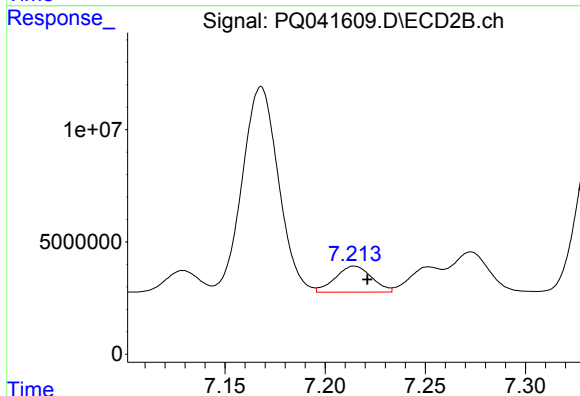
R.T.: 6.759 min
Delta R.T.: -0.006 min
Response: 24692749
Conc: 170.58 ng/ml



#25 AR-1248-5

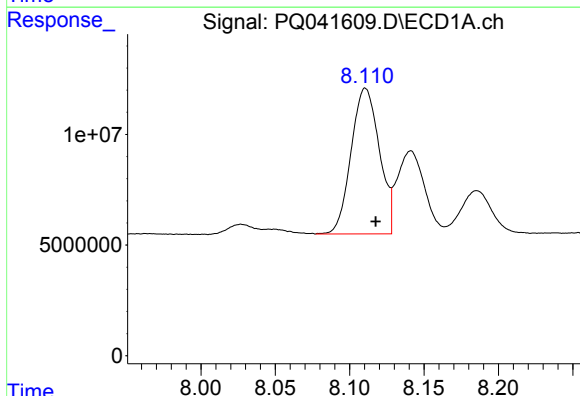
R.T.: 8.185 min
Delta R.T.: -0.005 min
Response: 28131161
Conc: 132.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



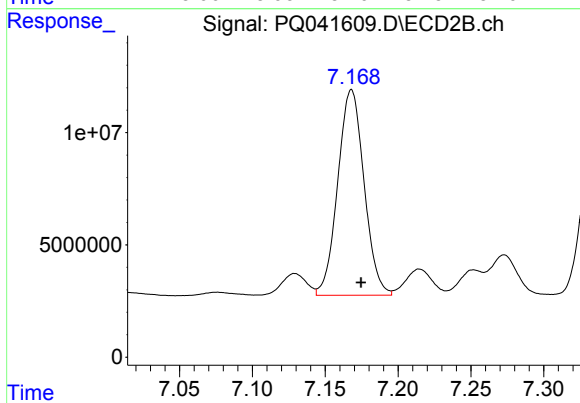
#25 AR-1248-5

R.T.: 7.215 min
Delta R.T.: -0.007 min
Response: 14654931
Conc: 87.09 ng/ml



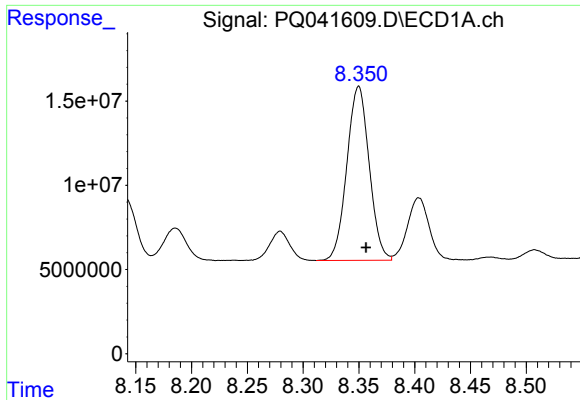
#26 AR-1254-1

R.T.: 8.111 min
Delta R.T.: -0.007 min
Response: 87159231
Conc: 429.99 ng/ml



#26 AR-1254-1

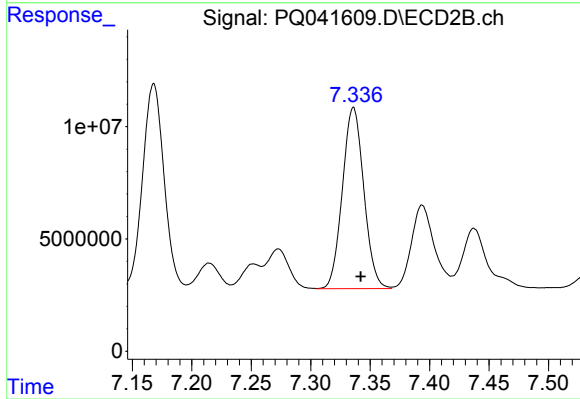
R.T.: 7.168 min
Delta R.T.: -0.007 min
Response: 115145213
Conc: 452.78 ng/ml



#27 AR-1254-2

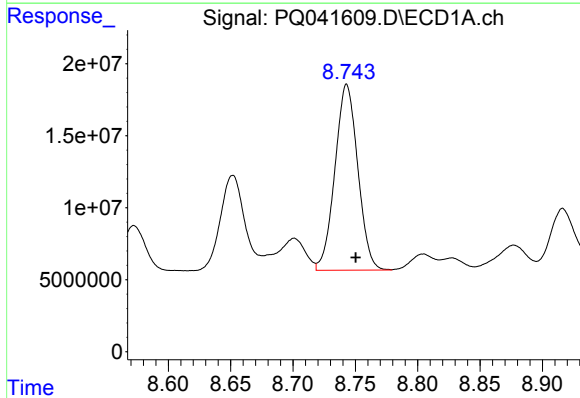
R.T.: 8.350 min
Delta R.T.: -0.007 min
Response: 143971242
Conc: 416.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



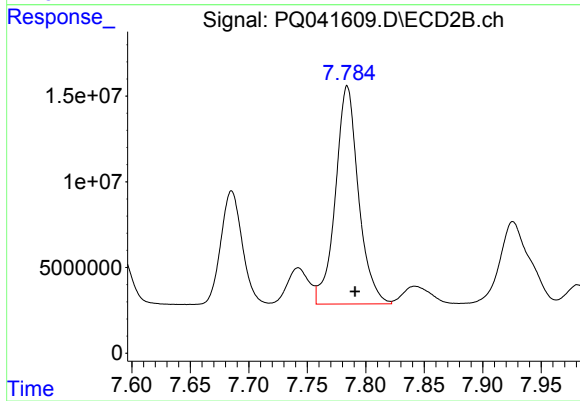
#27 AR-1254-2

R.T.: 7.336 min
Delta R.T.: -0.006 min
Response: 101191931
Conc: 442.30 ng/ml



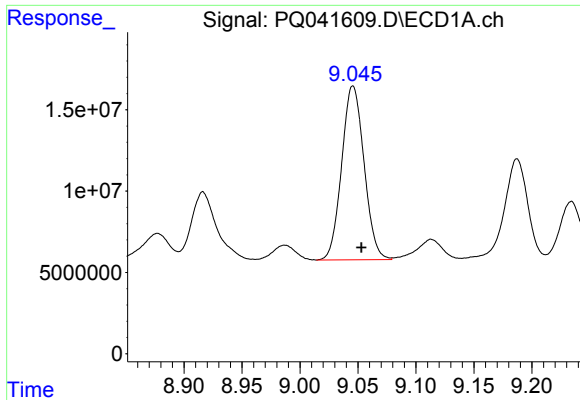
#28 AR-1254-3

R.T.: 8.743 min
Delta R.T.: -0.007 min
Response: 164905280
Conc: 397.95 ng/ml



#28 AR-1254-3

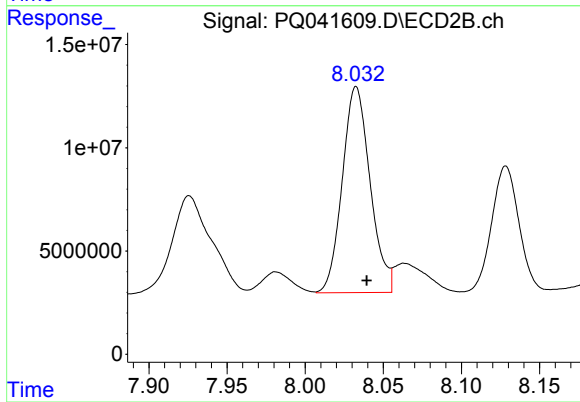
R.T.: 7.784 min
Delta R.T.: -0.007 min
Response: 174799650
Conc: 430.66 ng/ml



#29 AR-1254-4

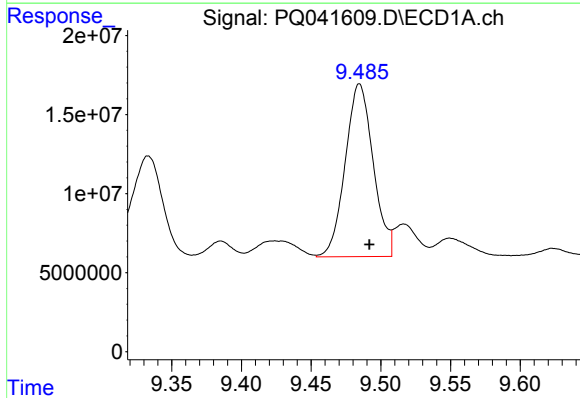
R.T.: 9.046 min
Delta R.T.: -0.007 min
Response: 143543680
Conc: 396.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



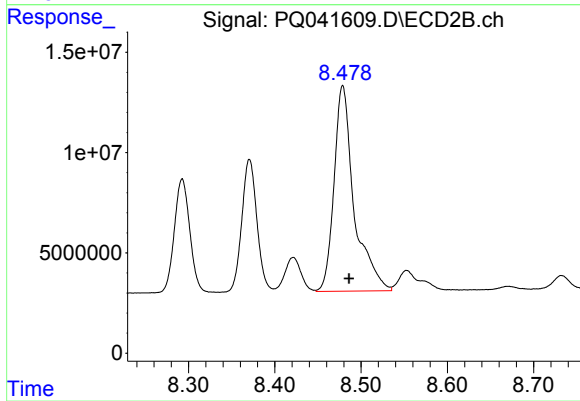
#29 AR-1254-4

R.T.: 8.033 min
Delta R.T.: -0.007 min
Response: 123699445
Conc: 452.79 ng/ml



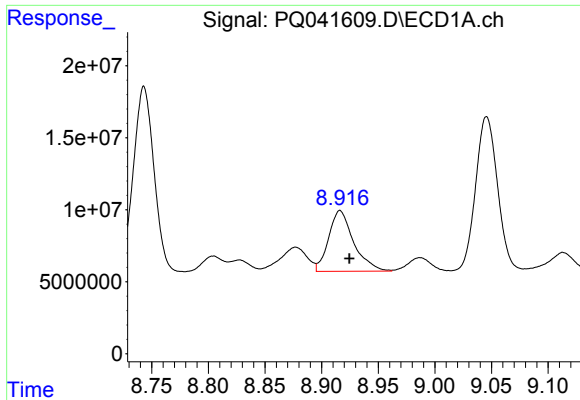
#30 AR-1254-5

R.T.: 9.485 min
Delta R.T.: -0.007 min
Response: 152628317
Conc: 380.12 ng/ml



#30 AR-1254-5

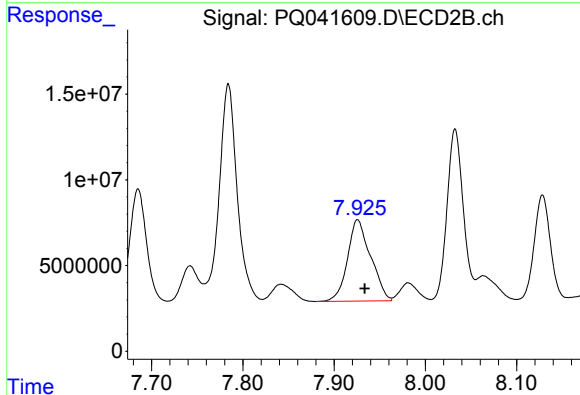
R.T.: 8.479 min
Delta R.T.: -0.007 min
Response: 165460808
Conc: 414.41 ng/ml



#31 AR-1260-1

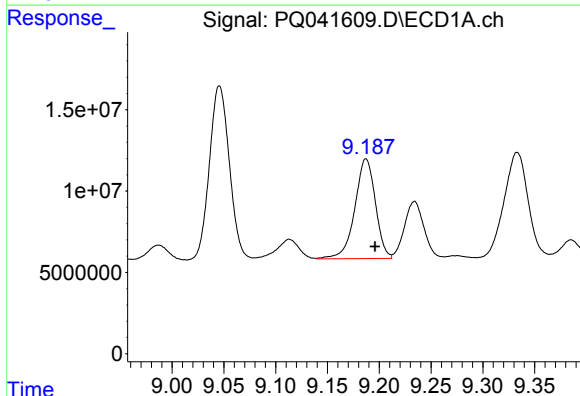
R.T.: 8.916 min
Delta R.T.: -0.008 min
Response: 64870096
Conc: 214.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



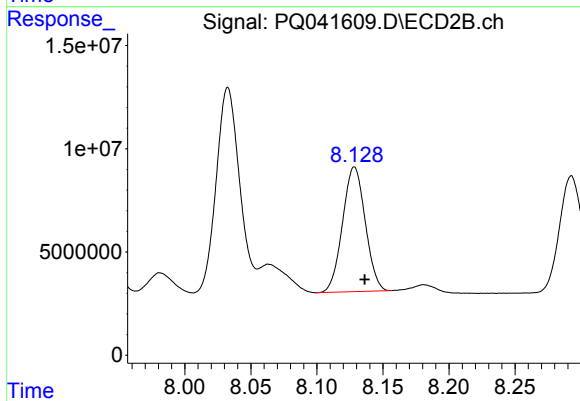
#31 AR-1260-1

R.T.: 7.926 min
Delta R.T.: -0.008 min
Response: 83685533
Conc: 314.66 ng/ml



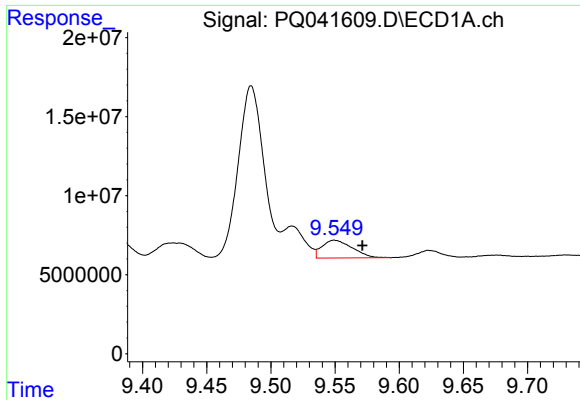
#32 AR-1260-2

R.T.: 9.187 min
Delta R.T.: -0.009 min
Response: 84947499
Conc: 185.33 ng/ml



#32 AR-1260-2

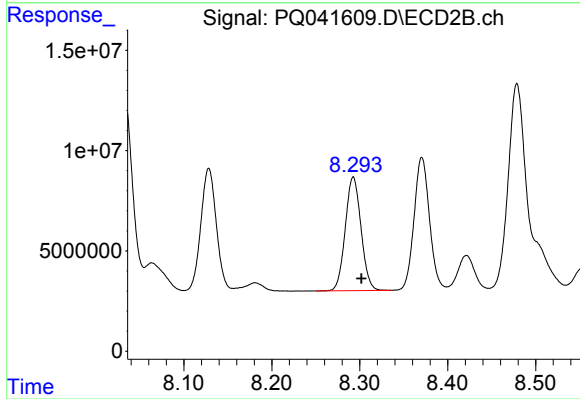
R.T.: 8.128 min
Delta R.T.: -0.008 min
Response: 72338847
Conc: 199.36 ng/ml



#33 AR-1260-3

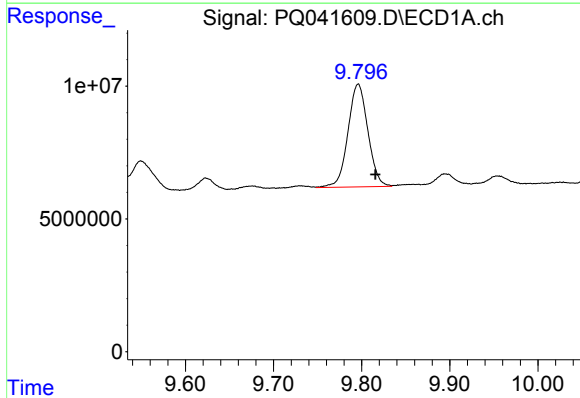
R.T.: 9.550 min
Delta R.T.: -0.022 min
Response: 18564252
Conc: 43.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



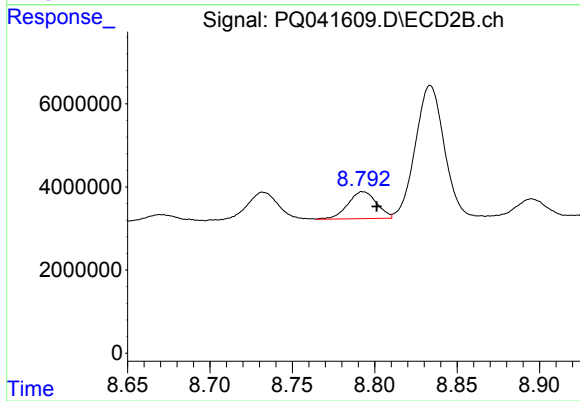
#33 AR-1260-3

R.T.: 8.293 min
Delta R.T.: -0.009 min
Response: 70598634
Conc: 224.82 ng/ml



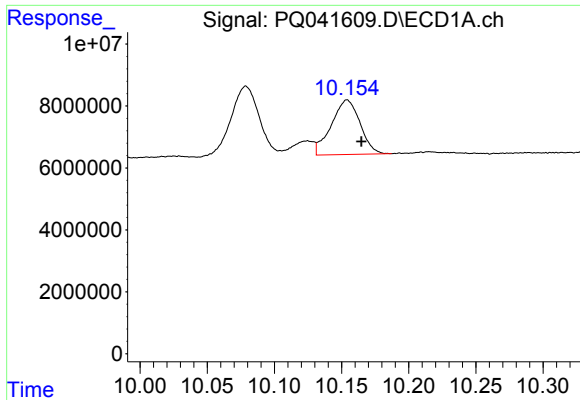
#34 AR-1260-4

R.T.: 9.796 min
Delta R.T.: -0.020 min
Response: 60946821
Conc: 144.78 ng/ml



#34 AR-1260-4

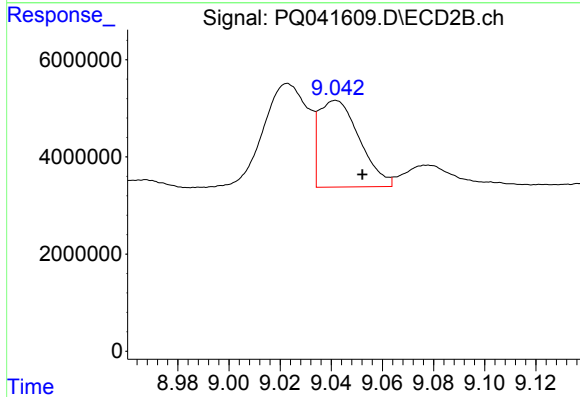
R.T.: 8.793 min
Delta R.T.: -0.008 min
Response: 7878920
Conc: 27.68 ng/ml



#35 AR-1260-5

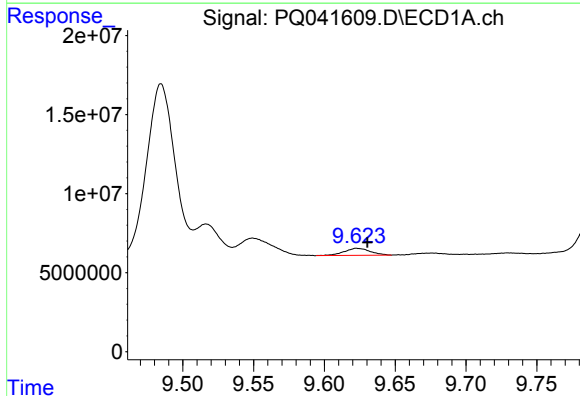
R.T.: 10.154 min
Delta R.T.: -0.011 min
Response: 26222347
Conc: 24.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



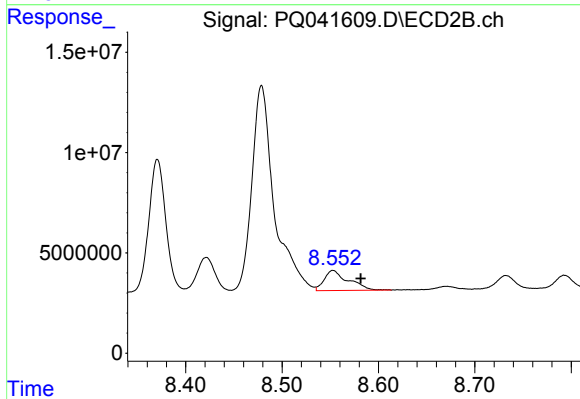
#35 AR-1260-5

R.T.: 9.042 min
Delta R.T.: -0.010 min
Response: 19717665
Conc: 26.52 ng/ml



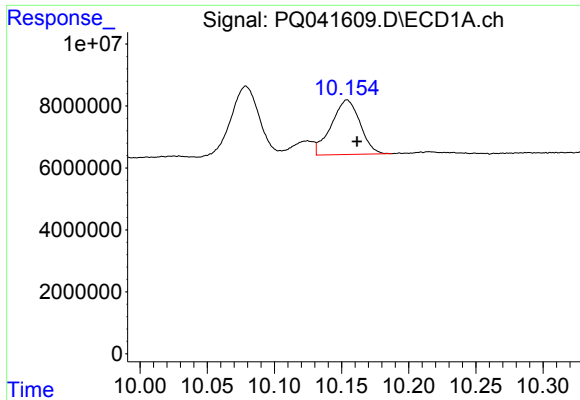
#36 AR-1262-1

R.T.: 9.623 min
Delta R.T.: -0.007 min
Response: 5613887
Conc: 22.87 ng/ml



#36 AR-1262-1

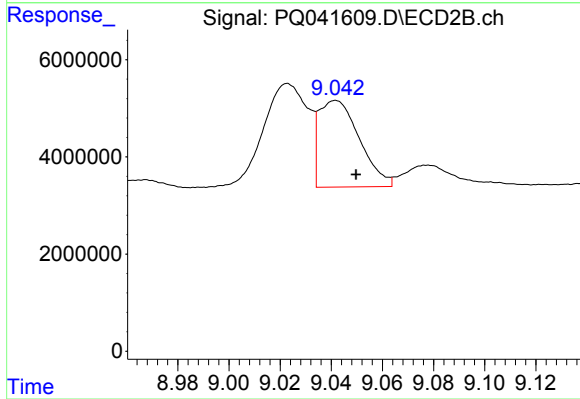
R.T.: 8.553 min
Delta R.T.: -0.029 min
Response: 17622064
Conc: 91.62 ng/ml



#37 AR-1262-2

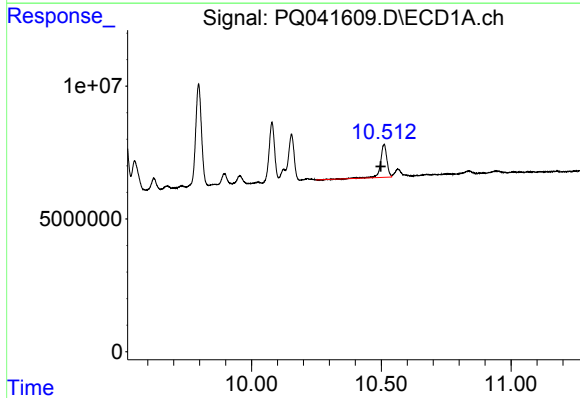
R.T.: 10.154 min
Delta R.T.: -0.007 min
Response: 26222347
Conc: 21.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



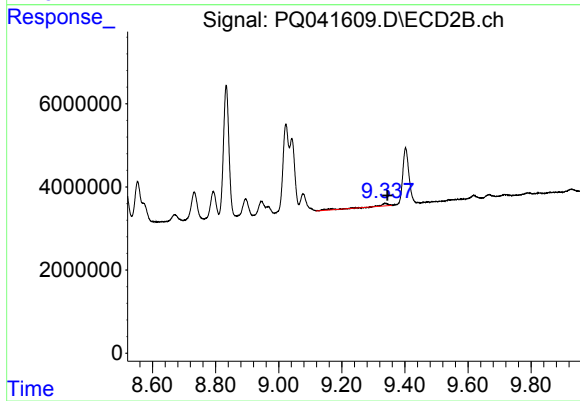
#37 AR-1262-2

R.T.: 9.042 min
Delta R.T.: -0.008 min
Response: 19717665
Conc: 23.47 ng/ml



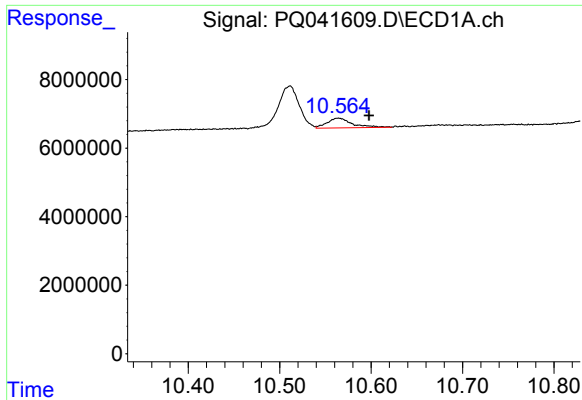
#38 AR-1262-3

R.T.: 10.511 min
Delta R.T.: 0.014 min
Response: 20980217
Conc: 25.17 ng/ml



#38 AR-1262-3

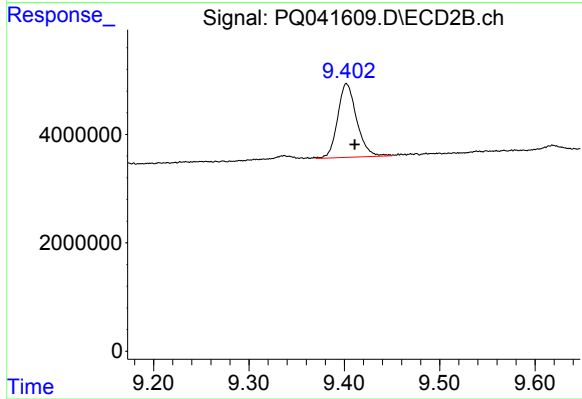
R.T.: 9.337 min
Delta R.T.: -0.008 min
Response: 1420948
Conc: 4.04 ng/ml



#39 AR-1262-4

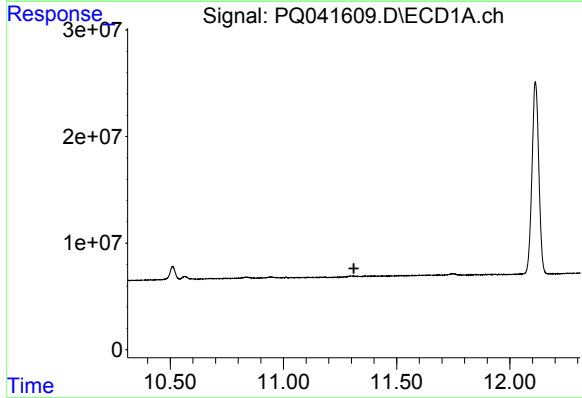
R.T.: 10.564 min
Delta R.T.: -0.034 min
Response: 5390112
Conc: 8.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



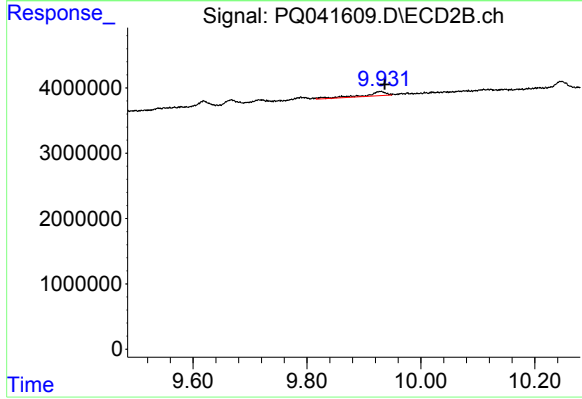
#39 AR-1262-4

R.T.: 9.402 min
Delta R.T.: -0.009 min
Response: 18865151
Conc: 32.10 ng/ml



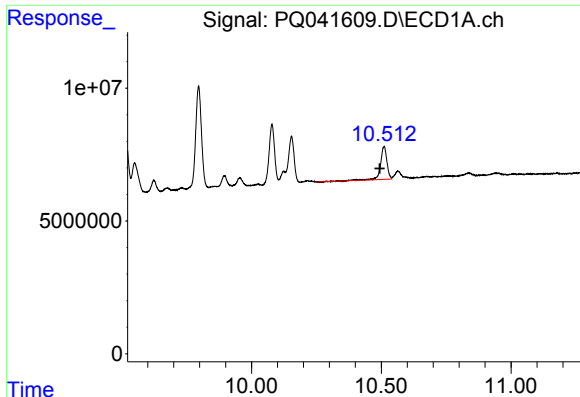
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.311 min
Response: 0
Conc: N.D.



#40 AR-1262-5

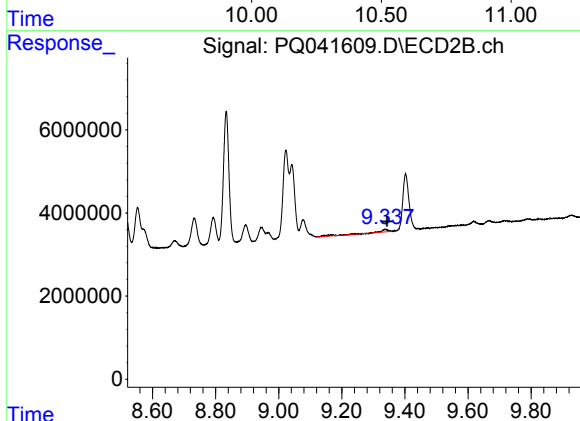
R.T.: 9.930 min
Delta R.T.: -0.007 min
Response: 1599871
Conc: 6.67 ng/ml



#41 AR-1268-1

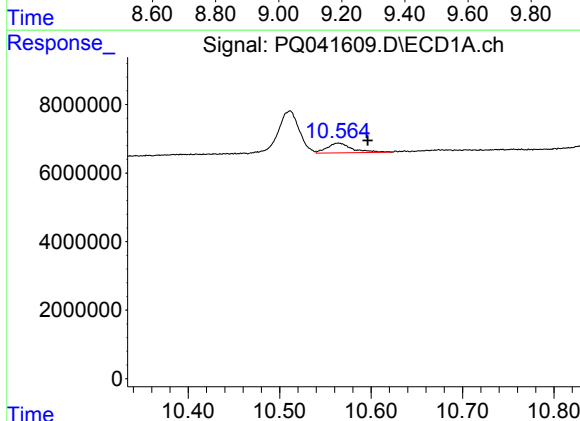
R.T.: 10.511 min
Delta R.T.: 0.017 min
Response: 20980217
Conc: 11.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



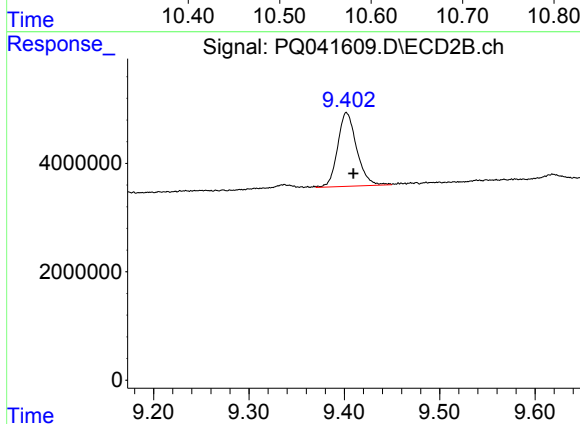
#41 AR-1268-1

R.T.: 9.337 min
Delta R.T.: -0.006 min
Response: 1420948
Conc: 1.24 ng/ml



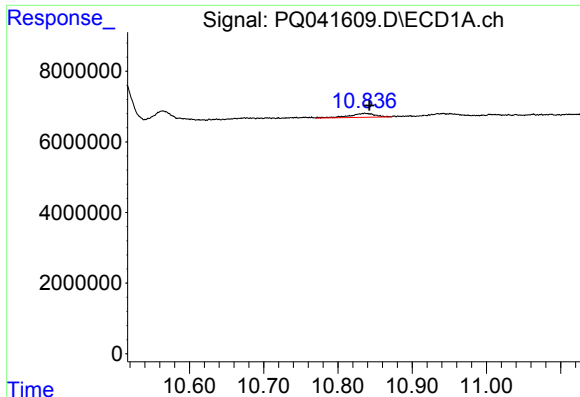
#42 AR-1268-2

R.T.: 10.564 min
Delta R.T.: -0.032 min
Response: 5390112
Conc: 3.38 ng/ml



#42 AR-1268-2

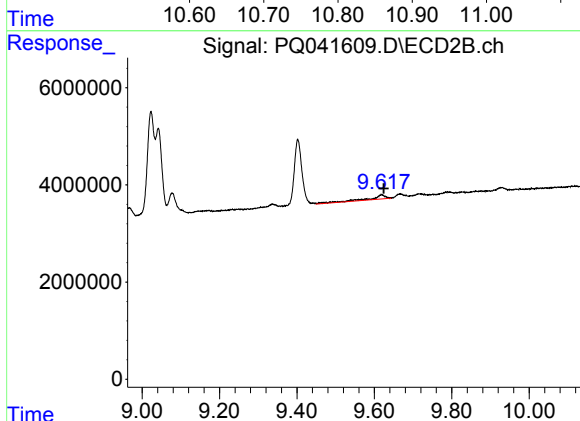
R.T.: 9.402 min
Delta R.T.: -0.007 min
Response: 18865151
Conc: 19.41 ng/ml



#43 AR-1268-3

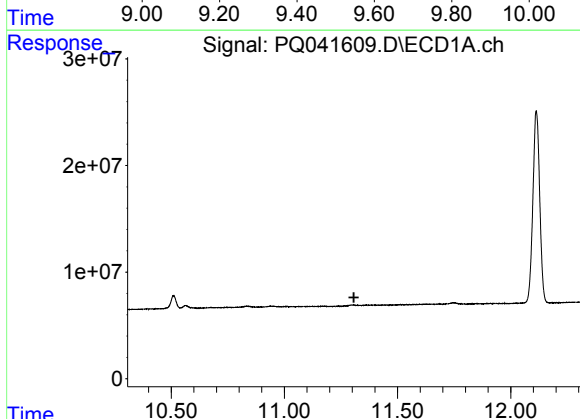
R.T.: 10.836 min
Delta R.T.: -0.006 min
Response: 2664489
Conc: 1.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



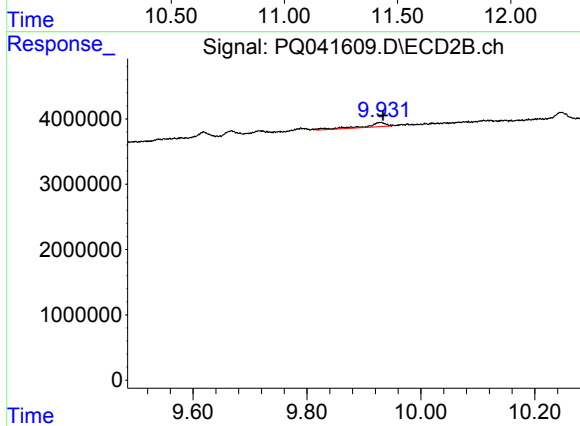
#43 AR-1268-3

R.T.: 9.619 min
Delta R.T.: -0.006 min
Response: 2616098
Conc: 3.28 ng/ml



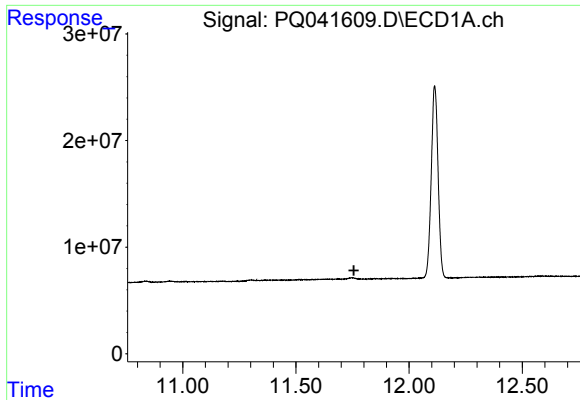
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.307 min
Response: 0
Conc: N.D.



#44 AR-1268-4

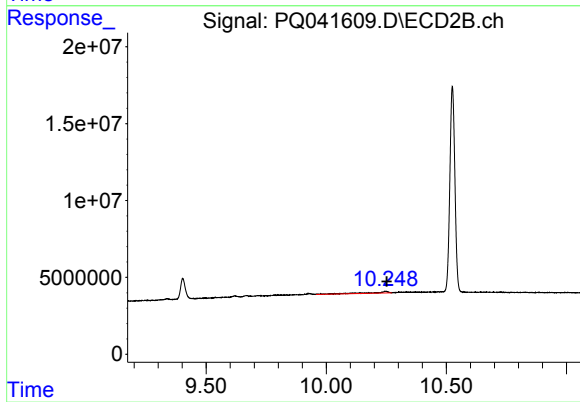
R.T.: 9.930 min
Delta R.T.: -0.004 min
Response: 1599871
Conc: 5.21 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.756 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.247 min
Delta R.T.: -0.005 min
Response: 4237399
Conc: 2.14 ng/ml