

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041522.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 09:14
 Operator : SM\AJ
 Sample : K3922-02MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 00:38:05 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...	5.702	4.759	25570962	21093241	6.680	7.017
2)	SA Decachlor...	12.109	10.523	131.2E6	67241056	12.681	14.756
Target Compounds							
3)	L1 AR-1016-1	7.149	6.213	24910439	29070521	142.727	198.687 #
4)	L1 AR-1016-2	7.173	6.236	36409592	33509397	138.061	160.993
5)	L1 AR-1016-3	7.244	6.450	21867509	16911522	135.174	149.784
6)	L1 AR-1016-4	7.357	6.504	19928661	13543056	147.873	148.555
7)	L1 AR-1016-5	7.691	6.756	19490672	17053674	146.469	141.900
9)	L2 AR-1221-2	0.000	5.185	0	2271894	N.D.	71.780 #
10)	L2 AR-1221-3	6.187	5.289	10839288	9397278	89.897	88.700
11)	L3 AR-1232-1	6.187	5.289	10839288	9397278	120.810	123.872
12)	L3 AR-1232-2	6.831	6.236	24303974	33509397	492.186	358.694 #
13)	L3 AR-1232-3	7.173	6.450	36409592	16911522	321.693	351.349
14)	L3 AR-1232-4	7.357	6.553	19928661	16035530	337.157	371.927
15)	L3 AR-1232-5	7.463	6.756	13767601	17053674	373.056	352.556
16)	L4 AR-1242-1	7.149	6.213	24910439	29070521	198.871	275.450 #
17)	L4 AR-1242-2	7.173	6.236	36409592	33509397	191.193	216.097
18)	L4 AR-1242-3	7.244	6.450	21867509	16911522	184.951	202.648
19)	L4 AR-1242-4	7.357	6.553	19928661	16035530	203.317	196.876
20)	L4 AR-1242-5	8.139	7.166	3073866	21403694	23.186	171.463 #
21)	L5 AR-1248-1	7.149	6.213	24910439	29070521	268.552	361.942 #
22)	L5 AR-1248-2	7.463	6.504	13767601	13543056	111.879	120.904
23)	L5 AR-1248-3	7.691	6.553	19490672	16035530	124.116	138.923
24)	L5 AR-1248-4	8.139	6.756	3073866	17053674	14.230	117.810 #
25)	L5 AR-1248-5	8.139	7.213	3073866	7555337	14.434	44.897 #
26)	L6 AR-1254-1	8.109	7.166	14775793	21403694	72.894	84.165
27)	L6 AR-1254-2	8.346	7.333	29500013	28619463	85.410	125.092 #
28)	L6 AR-1254-3	8.743	7.798	24817087	38522610	59.889	94.909 #
29)	L6 AR-1254-4	9.042	8.030	26775197	8990762	73.980	32.910 #
30)	L6 AR-1254-5	9.481	8.477	109.0E6	71964048	271.579	180.238 #
31)	L7 AR-1260-1	8.914	7.923	63150160	51900598	209.028	195.148
32)	L7 AR-1260-2	9.184	8.126	84513025	62126714	184.378	171.219
33)	L7 AR-1260-3	9.560	8.291	57525096	49059928	135.484	156.231
34)	L7 AR-1260-4	9.802	8.790	73828248	40371934	175.386	141.815
35)	L7 AR-1260-5	10.150	9.042	213.7E6	124.5E6	199.980	167.450
36)	L8 AR-1262-1	9.621	8.573	36024779	23037453	146.731	119.775
37)	L8 AR-1262-2	10.150	9.042	213.7E6	124.5E6	175.963	148.203
38)	L8 AR-1262-3	10.506	9.335	100.9E6	29051570	121.034	82.598 #
39)	L8 AR-1262-4	10.564	9.402	54264444	79522451	83.296	135.310 #
40)	L8 AR-1262-5	11.296	9.926	44104414	27269164	96.483	113.643
41)	L9 AR-1268-1	10.506	9.335	100.9E6	29051570	55.895	25.426 #
42)	L9 AR-1268-2	10.564	9.402	54264444	79522451	34.008	81.835 #

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 Data File : PQ041522.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 09:14
 Operator : SM\AJ
 Sample : K3922-02MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

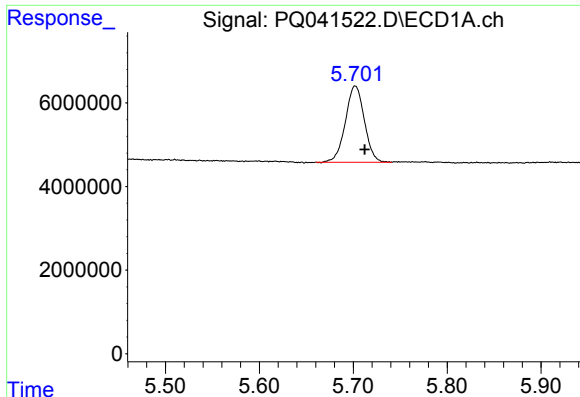
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 00:38:05 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
43) L9	AR-1268-3	10.831	9.617	3535417	11395281	2.515	14.275 #
44) L9	AR-1268-4	11.296	9.926	44104414	27269164	77.697	88.861
45) L9	AR-1268-5	11.742	10.244	13347797	7547599	3.081	3.820

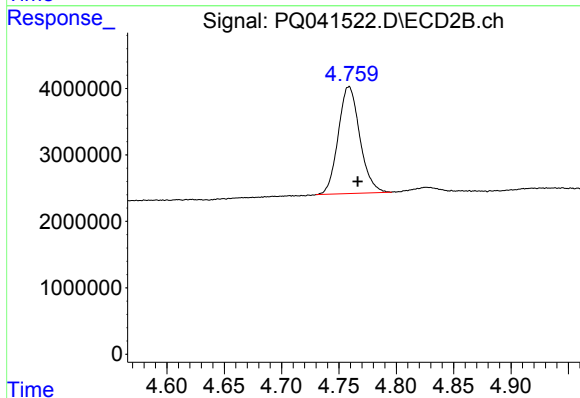
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

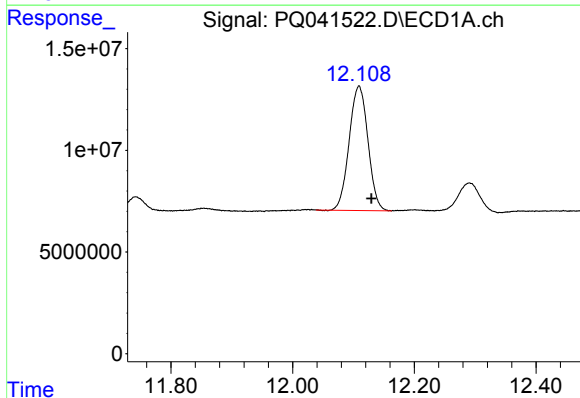
R.T.: 5.702 min
Delta R.T.: -0.010 min
Response: 25570962
Conc: 6.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



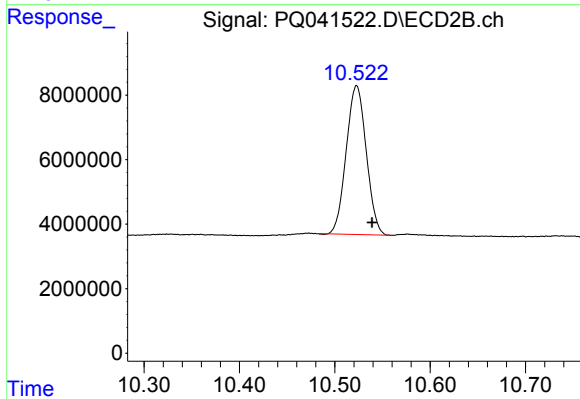
#1 Tetrachloro-m-xylene

R.T.: 4.759 min
Delta R.T.: -0.008 min
Response: 21093241
Conc: 7.02 ng/ml



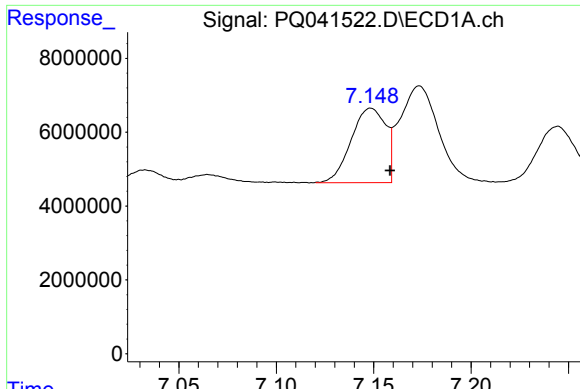
#2 Decachlorobiphenyl

R.T.: 12.109 min
Delta R.T.: -0.020 min
Response: 131165132
Conc: 12.68 ng/ml



#2 Decachlorobiphenyl

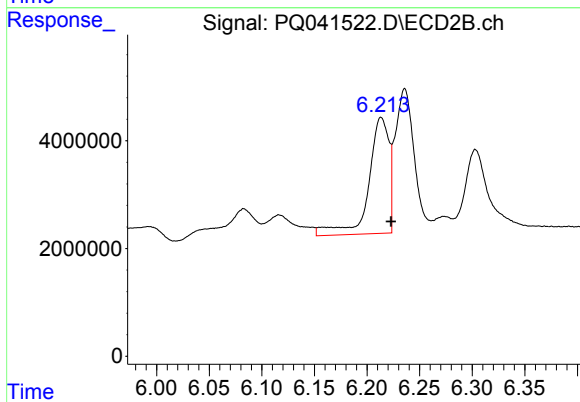
R.T.: 10.523 min
Delta R.T.: -0.016 min
Response: 67241056
Conc: 14.76 ng/ml



#3 AR-1016-1

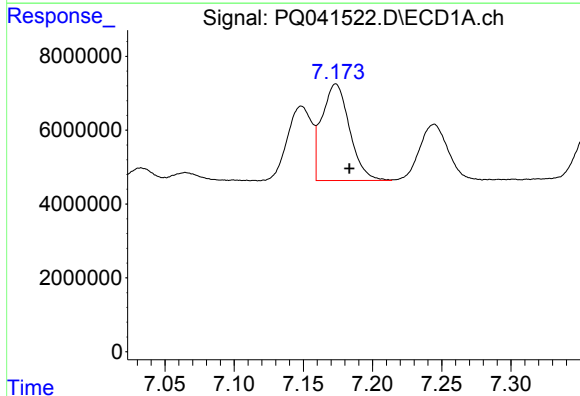
R.T.: 7.149 min
Delta R.T.: -0.010 min
Response: 24910439
Conc: 142.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



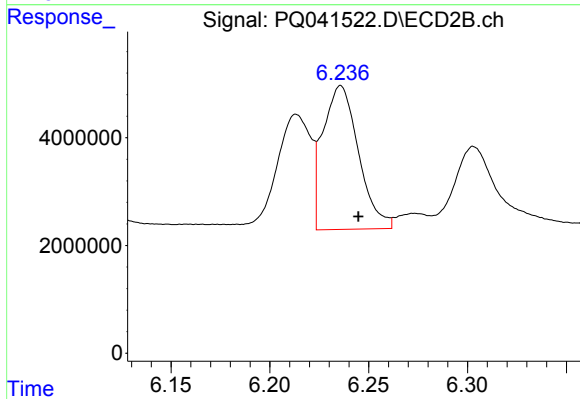
#3 AR-1016-1

R.T.: 6.213 min
Delta R.T.: -0.009 min
Response: 29070521
Conc: 198.69 ng/ml



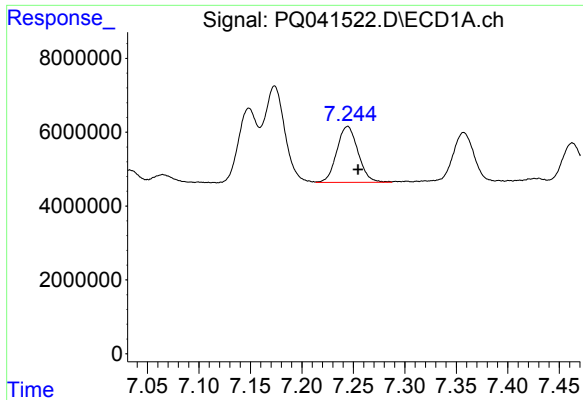
#4 AR-1016-2

R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 36409592
Conc: 138.06 ng/ml



#4 AR-1016-2

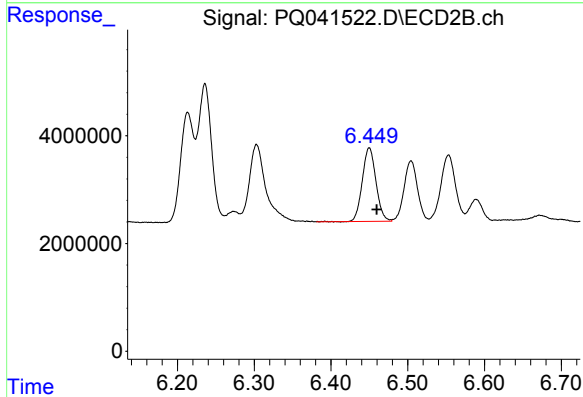
R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 33509397
Conc: 160.99 ng/ml



#5 AR-1016-3

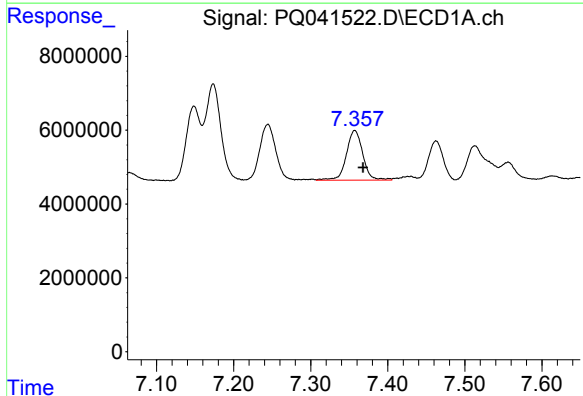
R.T.: 7.244 min
Delta R.T.: -0.010 min
Response: 21867509
Conc: 135.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



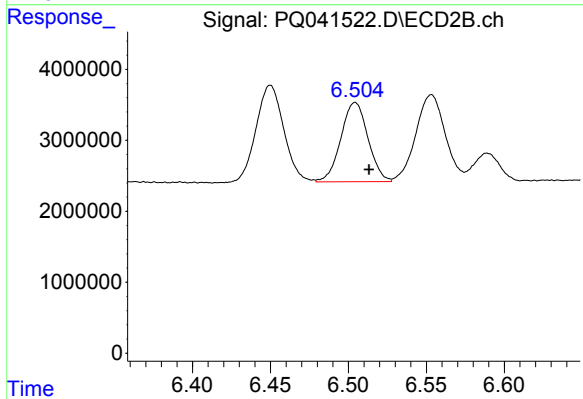
#5 AR-1016-3

R.T.: 6.450 min
Delta R.T.: -0.010 min
Response: 16911522
Conc: 149.78 ng/ml



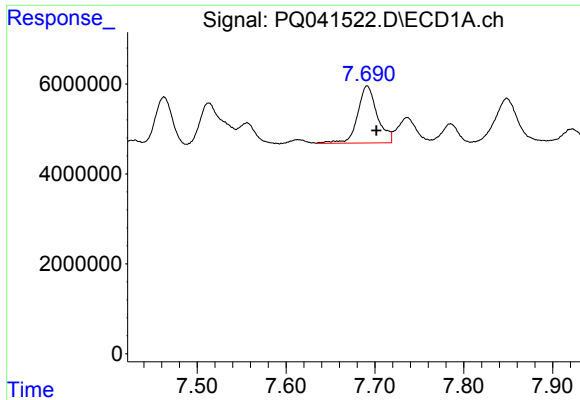
#6 AR-1016-4

R.T.: 7.357 min
Delta R.T.: -0.011 min
Response: 19928661
Conc: 147.87 ng/ml



#6 AR-1016-4

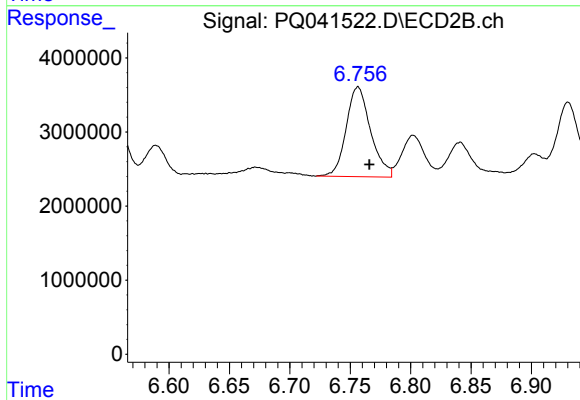
R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 13543056
Conc: 148.56 ng/ml



#7 AR-1016-5

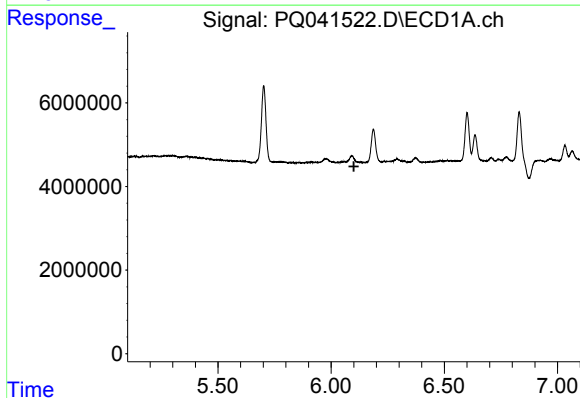
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 19490672
Conc: 146.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



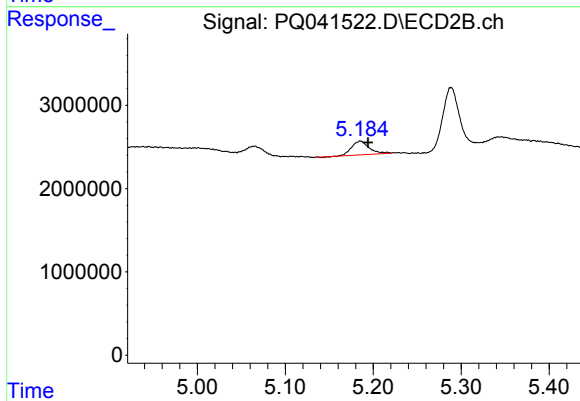
#7 AR-1016-5

R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 17053674
Conc: 141.90 ng/ml



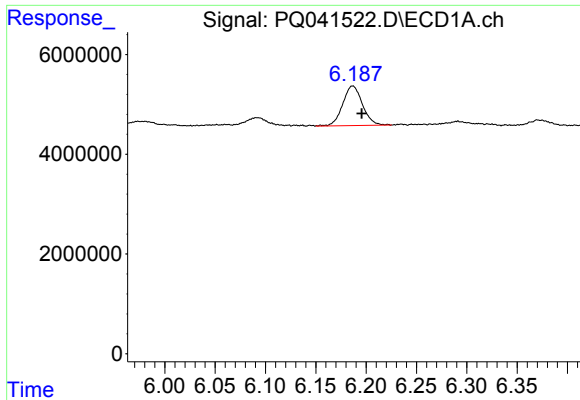
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.101 min
Response: 0
Conc: N.D.



#9 AR-1221-2

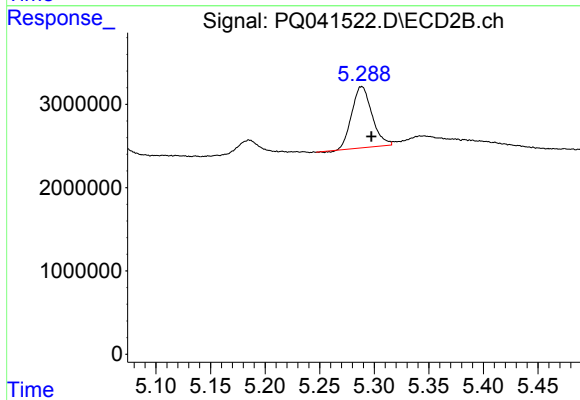
R.T.: 5.185 min
Delta R.T.: -0.009 min
Response: 2271894
Conc: 71.78 ng/ml



#10 AR-1221-3

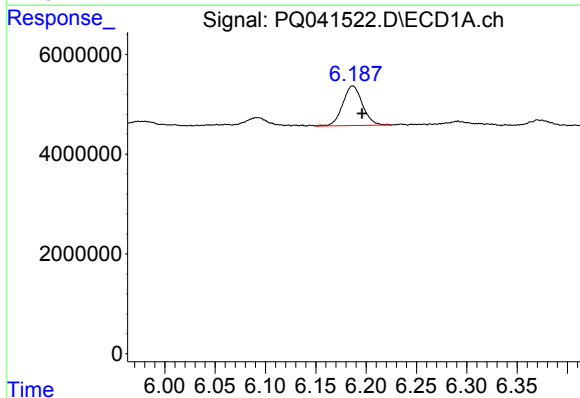
R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 10839288
Conc: 89.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



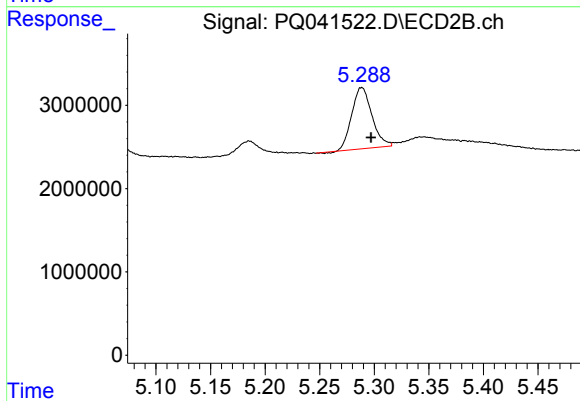
#10 AR-1221-3

R.T.: 5.289 min
Delta R.T.: -0.009 min
Response: 9397278
Conc: 88.70 ng/ml



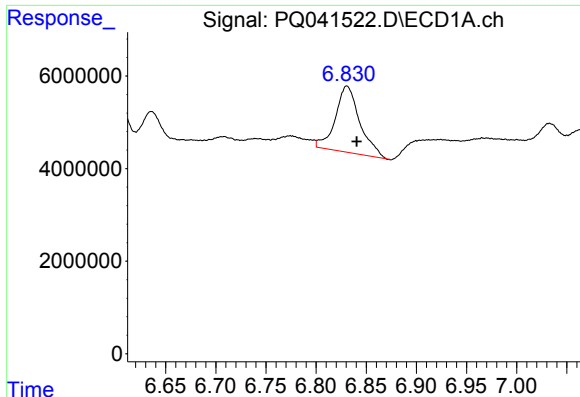
#11 AR-1232-1

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 10839288
Conc: 120.81 ng/ml



#11 AR-1232-1

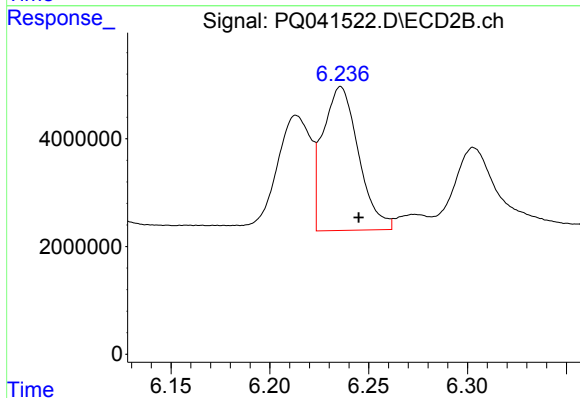
R.T.: 5.289 min
Delta R.T.: -0.009 min
Response: 9397278
Conc: 123.87 ng/ml



#12 AR-1232-2

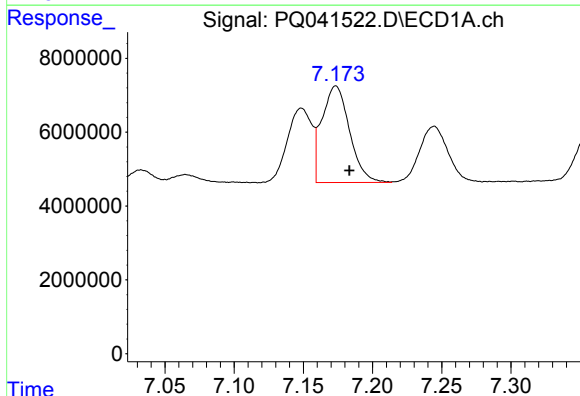
R.T.: 6.831 min
Delta R.T.: -0.010 min
Response: 24303974
Conc: 492.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



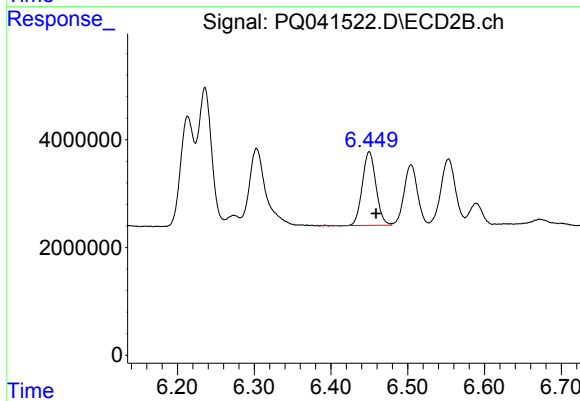
#12 AR-1232-2

R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 33509397
Conc: 358.69 ng/ml



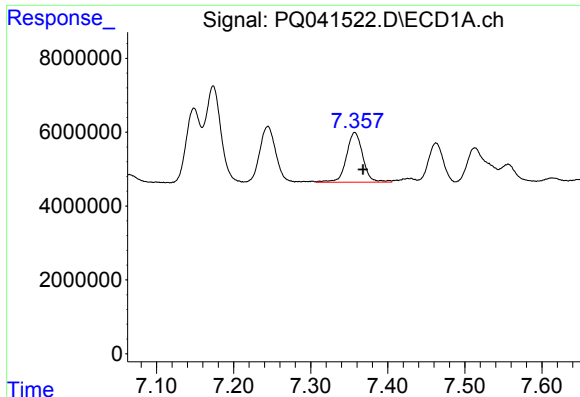
#13 AR-1232-3

R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 36409592
Conc: 321.69 ng/ml



#13 AR-1232-3

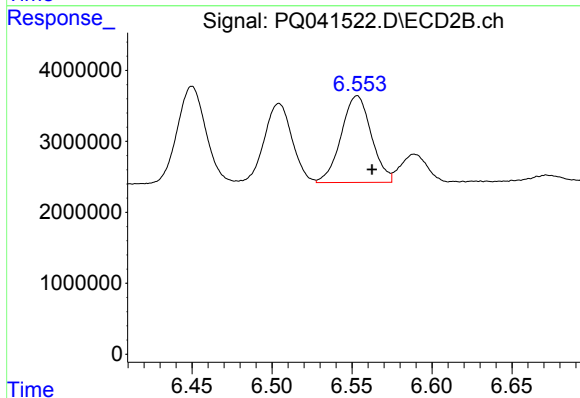
R.T.: 6.450 min
Delta R.T.: -0.009 min
Response: 16911522
Conc: 351.35 ng/ml



#14 AR-1232-4

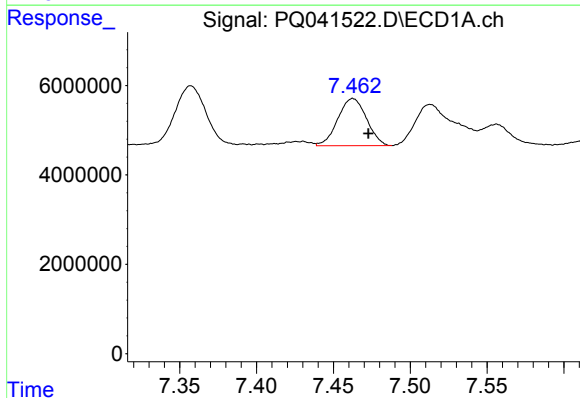
R.T.: 7.357 min
Delta R.T.: -0.011 min
Response: 19928661
Conc: 337.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



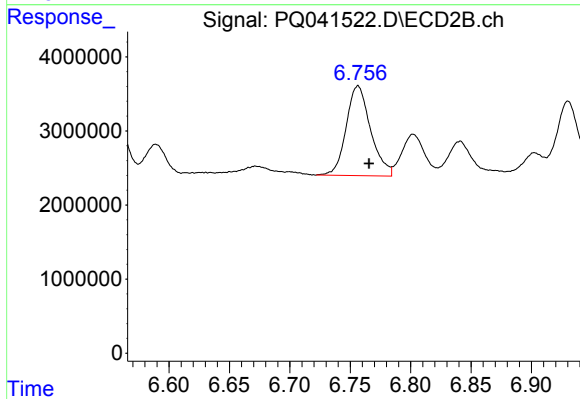
#14 AR-1232-4

R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 16035530
Conc: 371.93 ng/ml



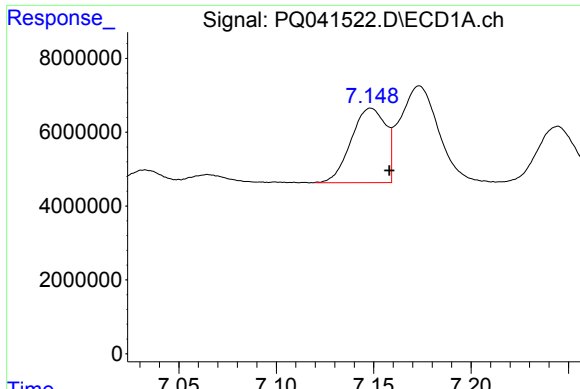
#15 AR-1232-5

R.T.: 7.463 min
Delta R.T.: -0.010 min
Response: 13767601
Conc: 373.06 ng/ml



#15 AR-1232-5

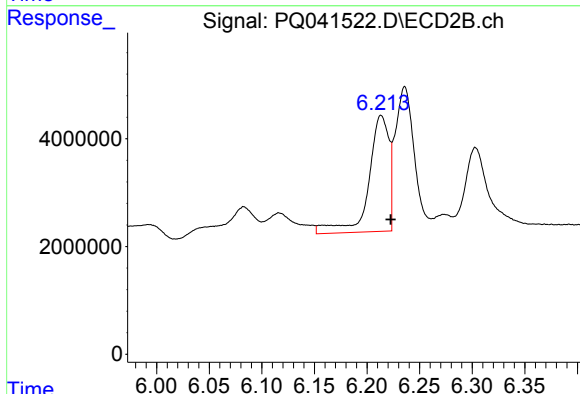
R.T.: 6.756 min
Delta R.T.: -0.009 min
Response: 17053674
Conc: 352.56 ng/ml



#16 AR-1242-1

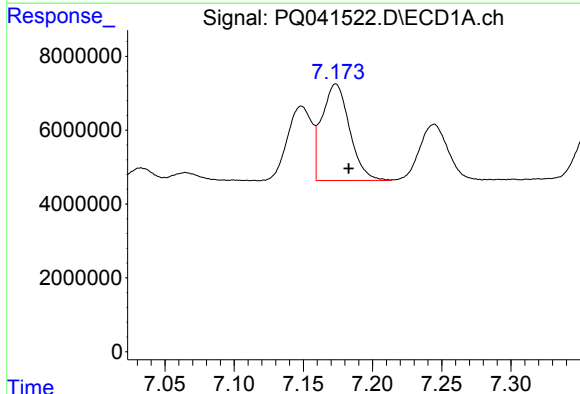
R.T.: 7.149 min
Delta R.T.: -0.010 min
Response: 24910439
Conc: 198.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



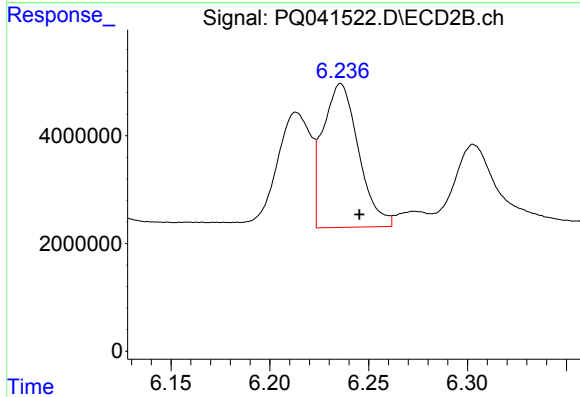
#16 AR-1242-1

R.T.: 6.213 min
Delta R.T.: -0.009 min
Response: 29070521
Conc: 275.45 ng/ml



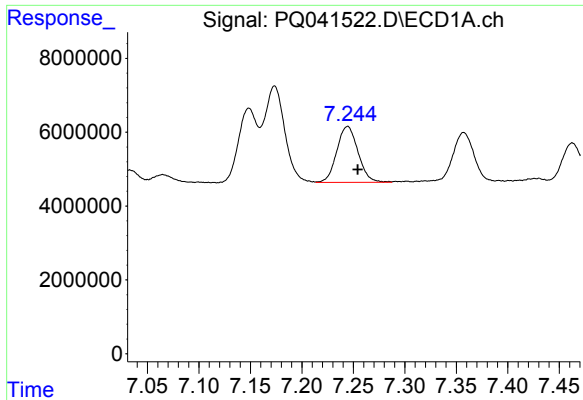
#17 AR-1242-2

R.T.: 7.173 min
Delta R.T.: -0.009 min
Response: 36409592
Conc: 191.19 ng/ml



#17 AR-1242-2

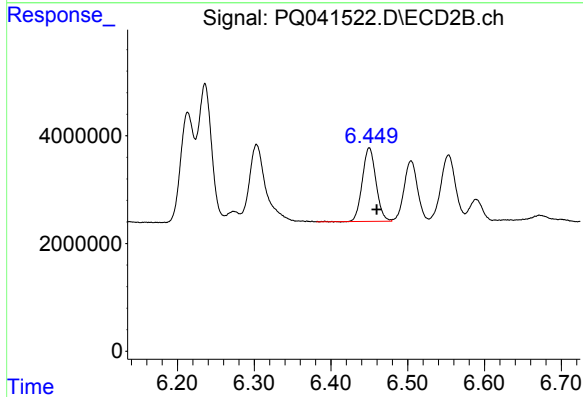
R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 33509397
Conc: 216.10 ng/ml



#18 AR-1242-3

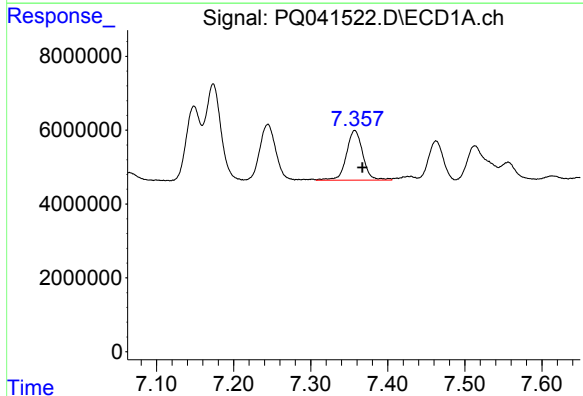
R.T.: 7.244 min
Delta R.T.: -0.010 min
Response: 21867509
Conc: 184.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



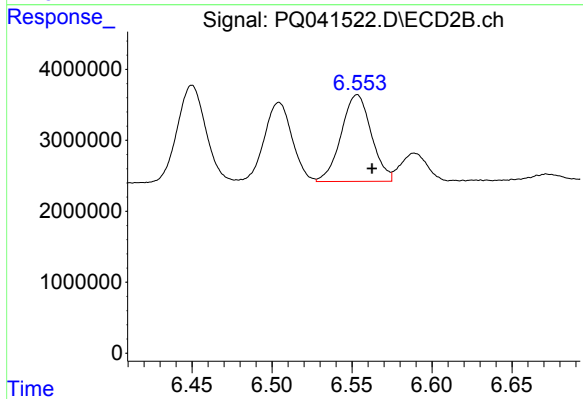
#18 AR-1242-3

R.T.: 6.450 min
Delta R.T.: -0.010 min
Response: 16911522
Conc: 202.65 ng/ml



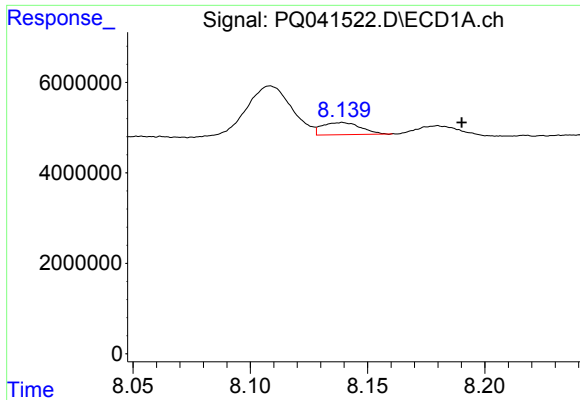
#19 AR-1242-4

R.T.: 7.357 min
Delta R.T.: -0.010 min
Response: 19928661
Conc: 203.32 ng/ml



#19 AR-1242-4

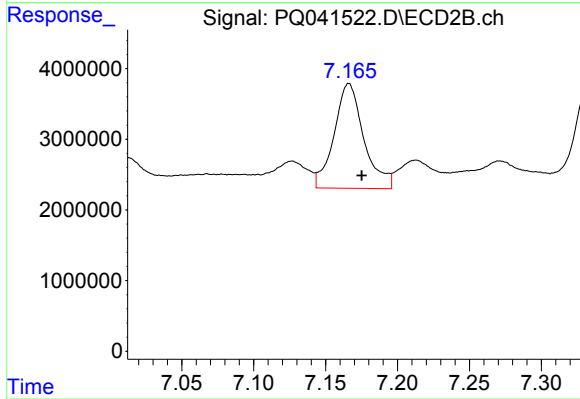
R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 16035530
Conc: 196.88 ng/ml



#20 AR-1242-5

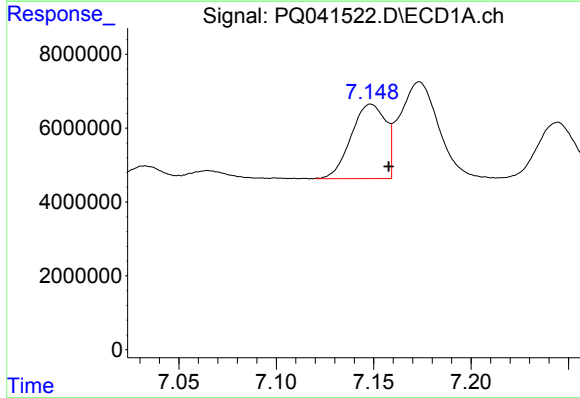
R.T.: 8.139 min
Delta R.T.: -0.051 min
Response: 3073866
Conc: 23.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



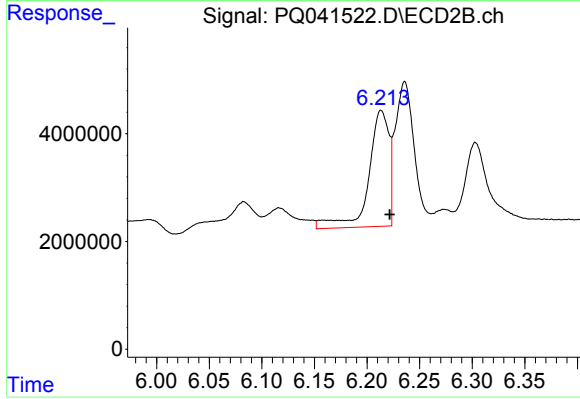
#20 AR-1242-5

R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 21403694
Conc: 171.46 ng/ml



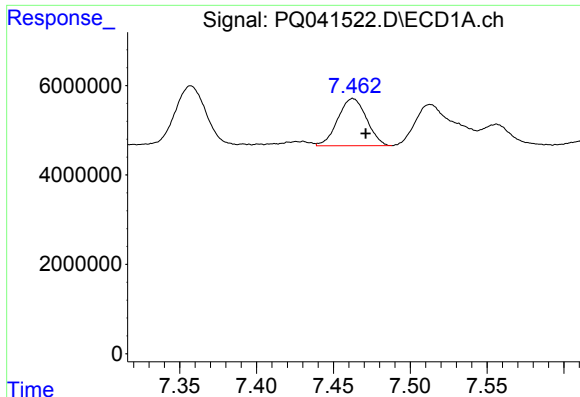
#21 AR-1248-1

R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 24910439
Conc: 268.55 ng/ml



#21 AR-1248-1

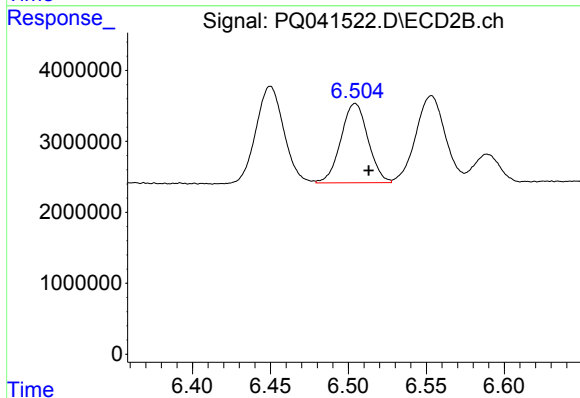
R.T.: 6.213 min
Delta R.T.: -0.008 min
Response: 29070521
Conc: 361.94 ng/ml



#22 AR-1248-2

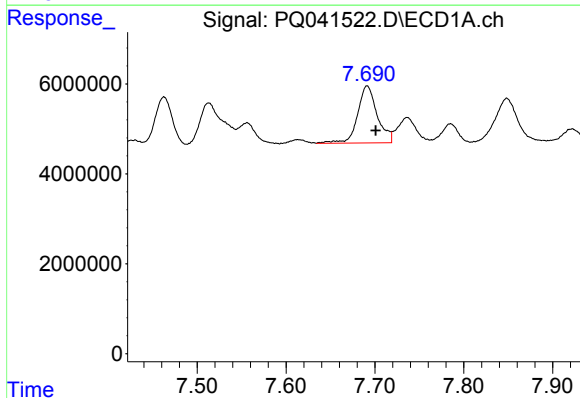
R.T.: 7.463 min
Delta R.T.: -0.009 min
Response: 13767601
Conc: 111.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



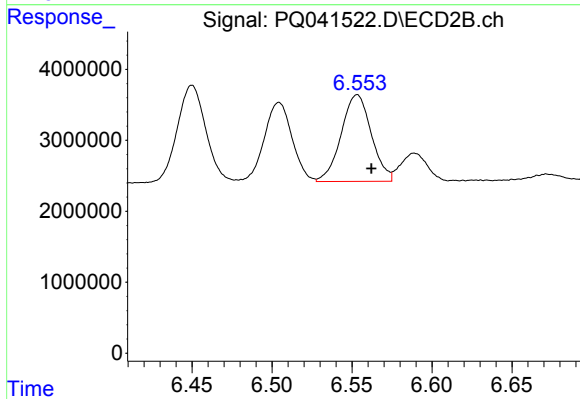
#22 AR-1248-2

R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 13543056
Conc: 120.90 ng/ml



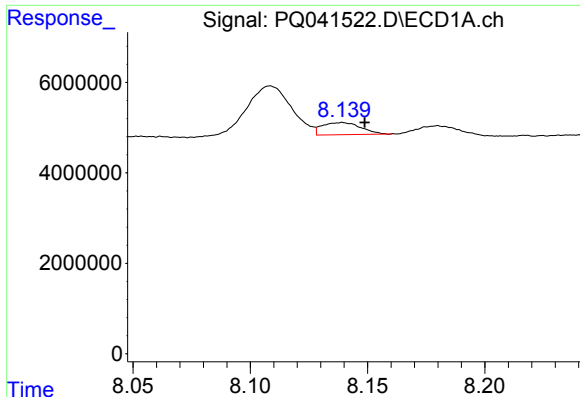
#23 AR-1248-3

R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 19490672
Conc: 124.12 ng/ml



#23 AR-1248-3

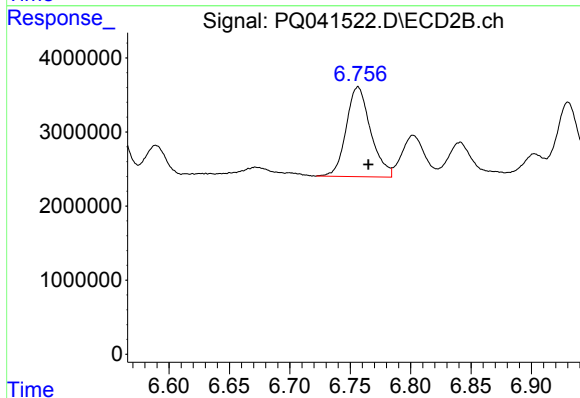
R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 16035530
Conc: 138.92 ng/ml



#24 AR-1248-4

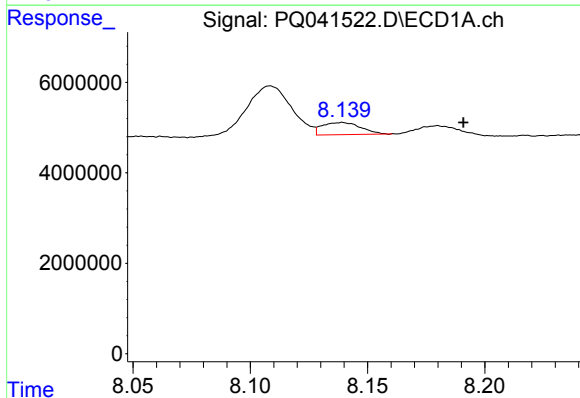
R.T.: 8.139 min
Delta R.T.: -0.010 min
Response: 3073866
Conc: 14.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



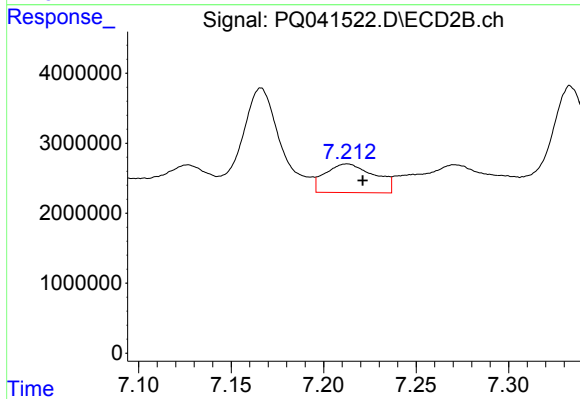
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: -0.009 min
Response: 17053674
Conc: 117.81 ng/ml



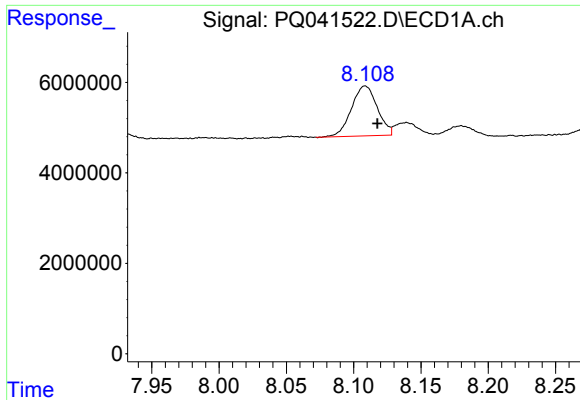
#25 AR-1248-5

R.T.: 8.139 min
Delta R.T.: -0.052 min
Response: 3073866
Conc: 14.43 ng/ml



#25 AR-1248-5

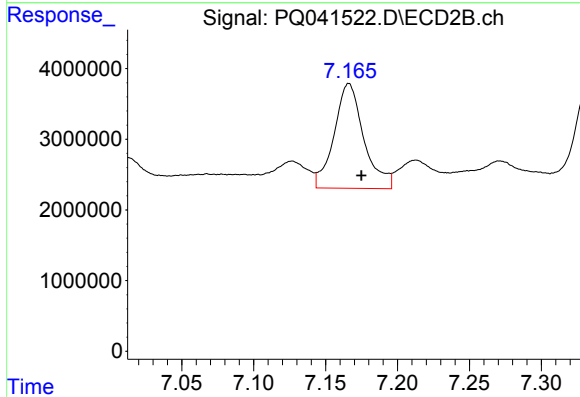
R.T.: 7.213 min
Delta R.T.: -0.008 min
Response: 7555337
Conc: 44.90 ng/ml



#26 AR-1254-1

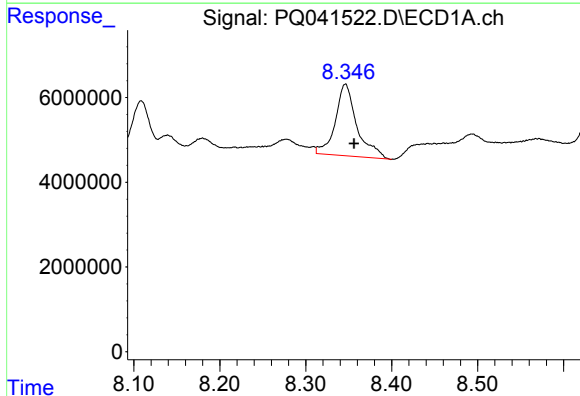
R.T.: 8.109 min
Delta R.T.: -0.009 min
Response: 14775793
Conc: 72.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



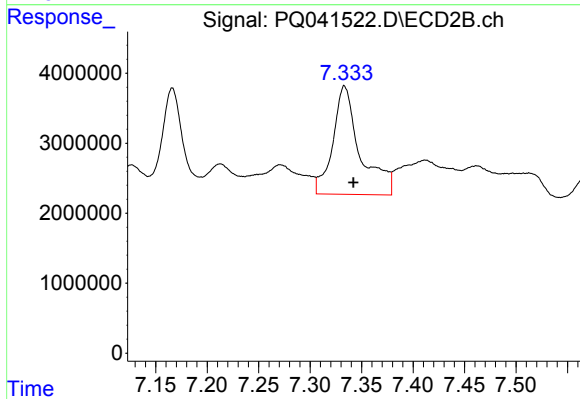
#26 AR-1254-1

R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 21403694
Conc: 84.17 ng/ml



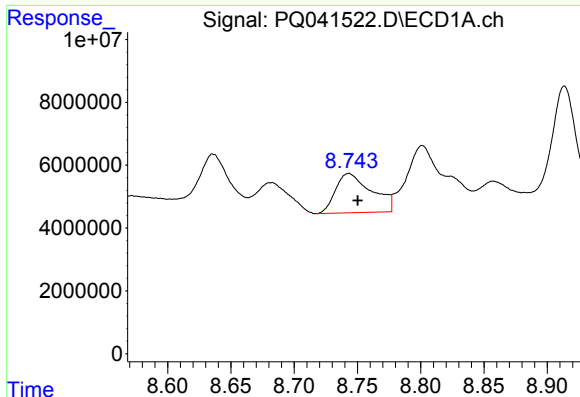
#27 AR-1254-2

R.T.: 8.346 min
Delta R.T.: -0.010 min
Response: 29500013
Conc: 85.41 ng/ml



#27 AR-1254-2

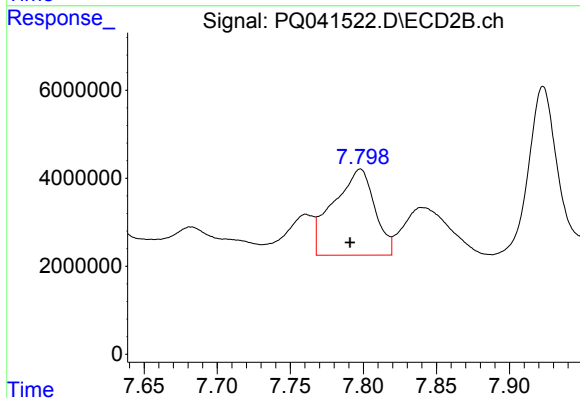
R.T.: 7.333 min
Delta R.T.: -0.009 min
Response: 28619463
Conc: 125.09 ng/ml



#28 AR-1254-3

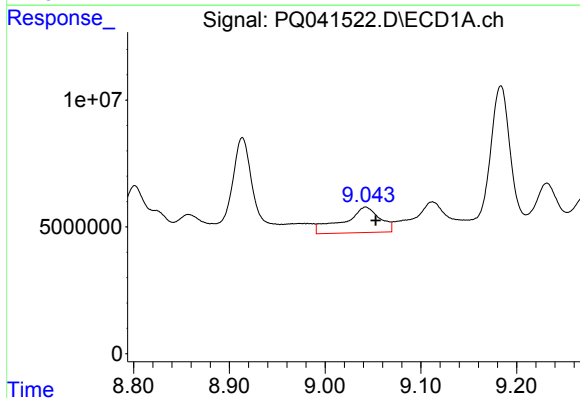
R.T.: 8.743 min
Delta R.T.: -0.007 min
Response: 24817087
Conc: 59.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



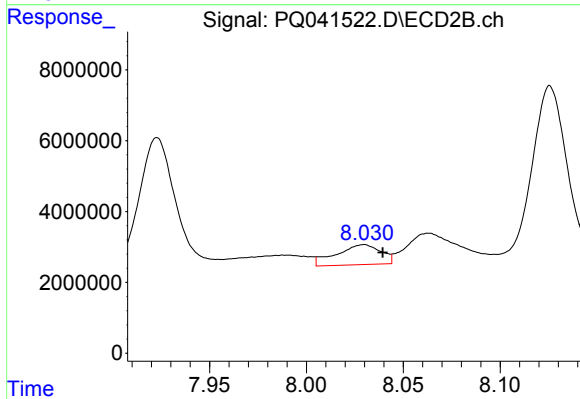
#28 AR-1254-3

R.T.: 7.798 min
Delta R.T.: 0.007 min
Response: 38522610
Conc: 94.91 ng/ml



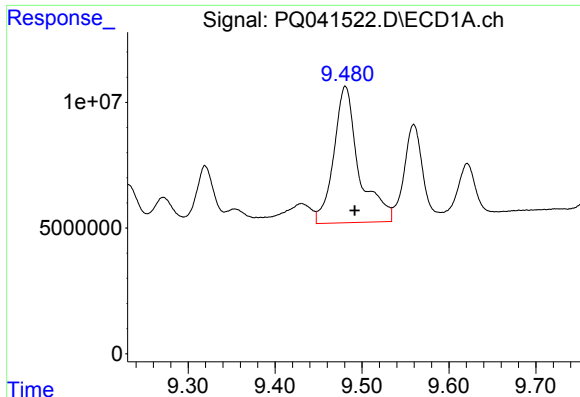
#29 AR-1254-4

R.T.: 9.042 min
Delta R.T.: -0.011 min
Response: 26775197
Conc: 73.98 ng/ml



#29 AR-1254-4

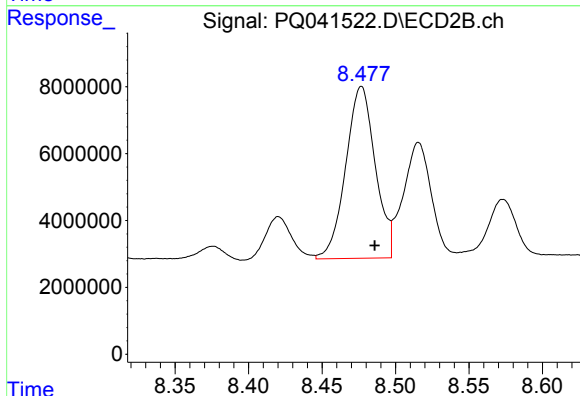
R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 8990762
Conc: 32.91 ng/ml



#30 AR-1254-5

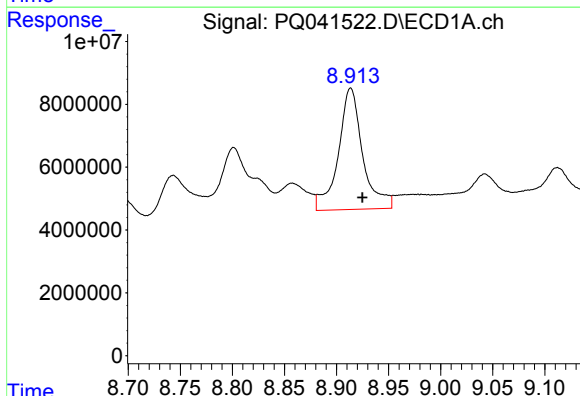
R.T.: 9.481 min
Delta R.T.: -0.011 min
Response: 109046987
Conc: 271.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



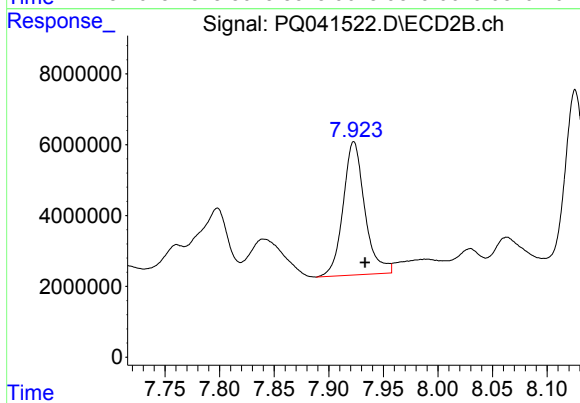
#30 AR-1254-5

R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 71964048
Conc: 180.24 ng/ml



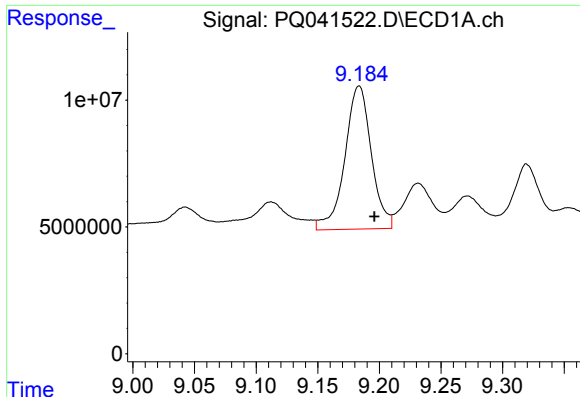
#31 AR-1260-1

R.T.: 8.914 min
Delta R.T.: -0.011 min
Response: 63150160
Conc: 209.03 ng/ml



#31 AR-1260-1

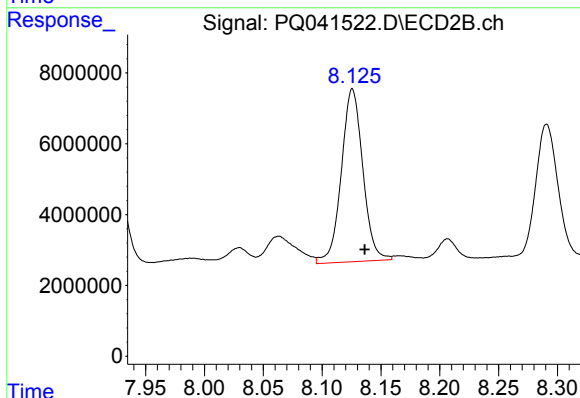
R.T.: 7.923 min
Delta R.T.: -0.011 min
Response: 51900598
Conc: 195.15 ng/ml



#32 AR-1260-2

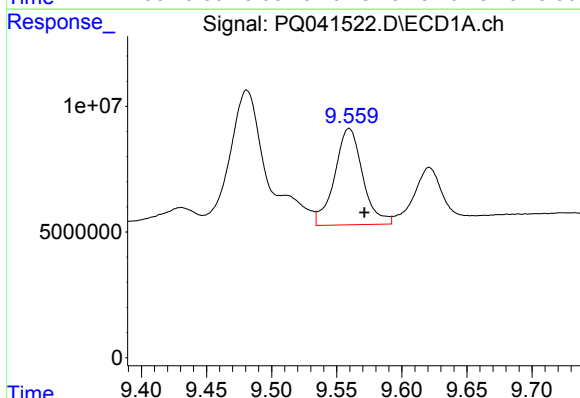
R.T.: 9.184 min
Delta R.T.: -0.012 min
Response: 84513025
Conc: 184.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



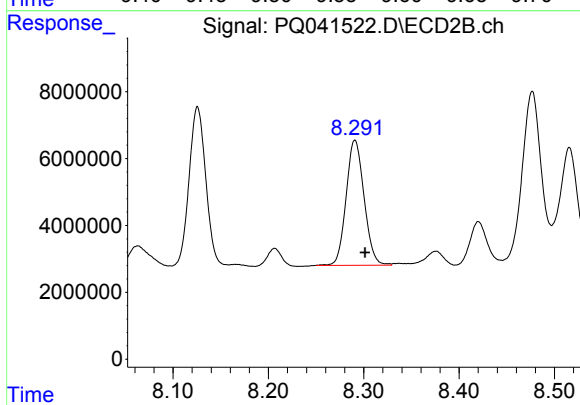
#32 AR-1260-2

R.T.: 8.126 min
Delta R.T.: -0.010 min
Response: 62126714
Conc: 171.22 ng/ml



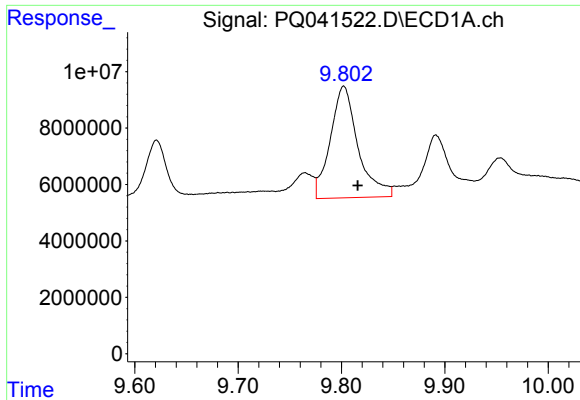
#33 AR-1260-3

R.T.: 9.560 min
Delta R.T.: -0.012 min
Response: 57525096
Conc: 135.48 ng/ml



#33 AR-1260-3

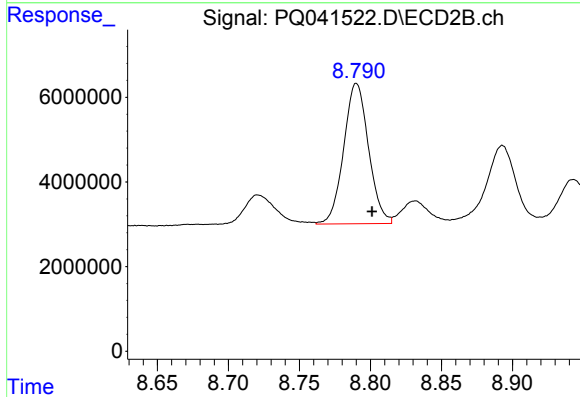
R.T.: 8.291 min
Delta R.T.: -0.011 min
Response: 49059928
Conc: 156.23 ng/ml



#34 AR-1260-4

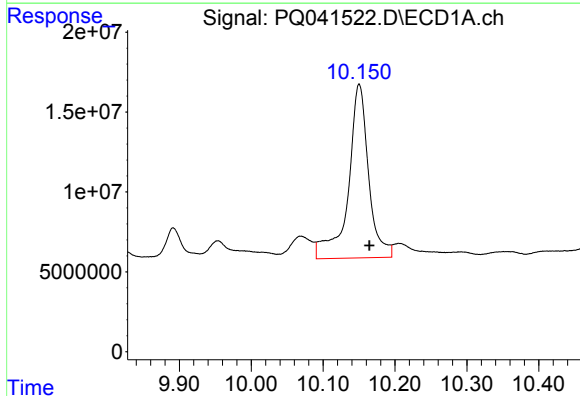
R.T.: 9.802 min
Delta R.T.: -0.014 min
Response: 73828248
Conc: 175.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



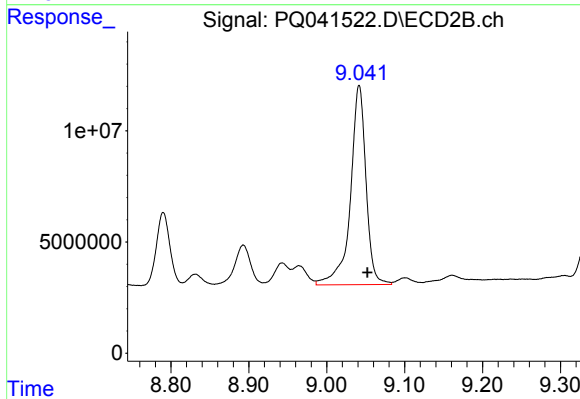
#34 AR-1260-4

R.T.: 8.790 min
Delta R.T.: -0.011 min
Response: 40371934
Conc: 141.82 ng/ml



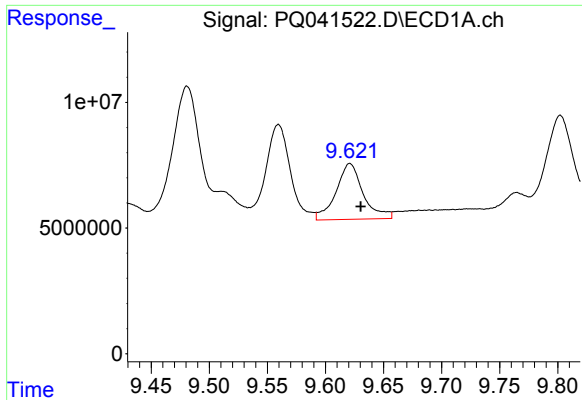
#35 AR-1260-5

R.T.: 10.150 min
Delta R.T.: -0.014 min
Response: 213695448
Conc: 199.98 ng/ml



#35 AR-1260-5

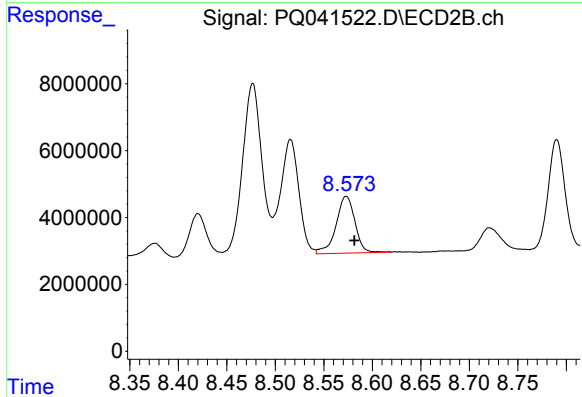
R.T.: 9.042 min
Delta R.T.: -0.011 min
Response: 124513179
Conc: 167.45 ng/ml



#36 AR-1262-1

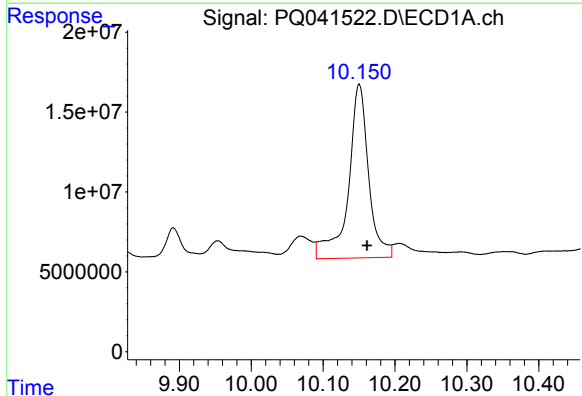
R.T.: 9.621 min
Delta R.T.: -0.009 min
Response: 36024779
Conc: 146.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



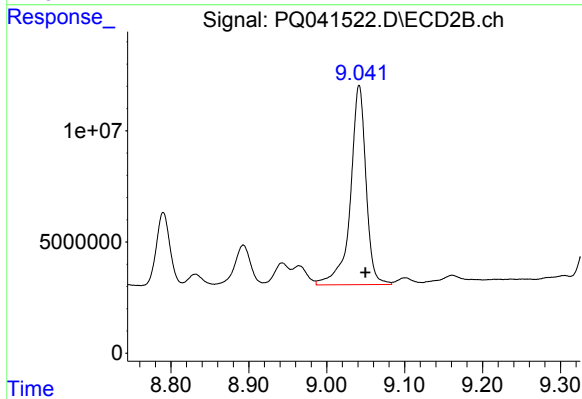
#36 AR-1262-1

R.T.: 8.573 min
Delta R.T.: -0.009 min
Response: 23037453
Conc: 119.77 ng/ml



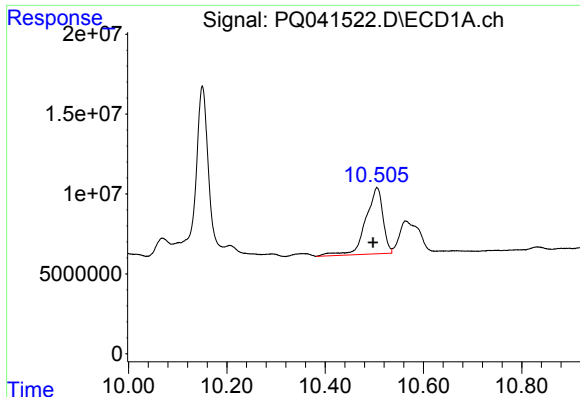
#37 AR-1262-2

R.T.: 10.150 min
Delta R.T.: -0.011 min
Response: 213695448
Conc: 175.96 ng/ml



#37 AR-1262-2

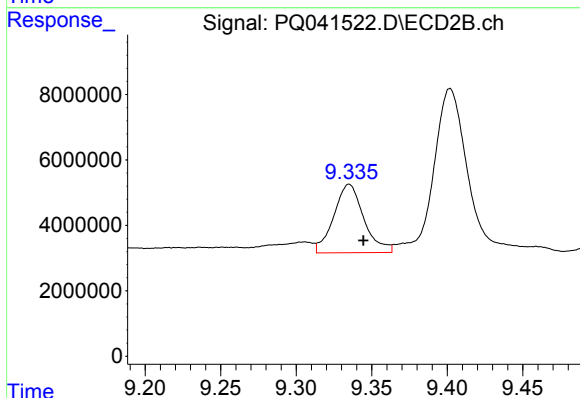
R.T.: 9.042 min
Delta R.T.: -0.008 min
Response: 124513179
Conc: 148.20 ng/ml



#38 AR-1262-3

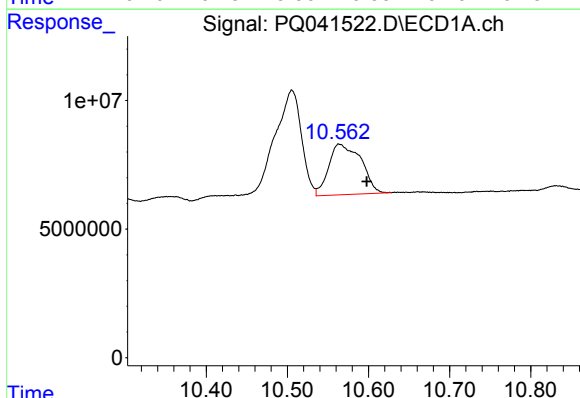
R.T.: 10.506 min
Delta R.T.: 0.008 min
Response: 100868540
Conc: 121.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



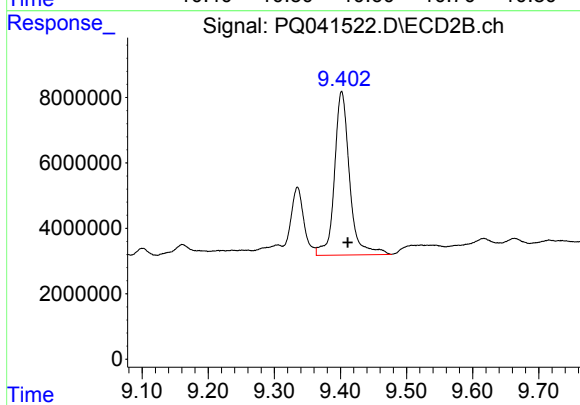
#38 AR-1262-3

R.T.: 9.335 min
Delta R.T.: -0.009 min
Response: 29051570
Conc: 82.60 ng/ml



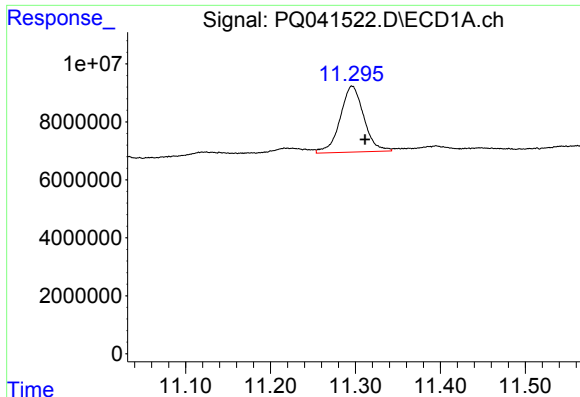
#39 AR-1262-4

R.T.: 10.564 min
Delta R.T.: -0.034 min
Response: 54264444
Conc: 83.30 ng/ml



#39 AR-1262-4

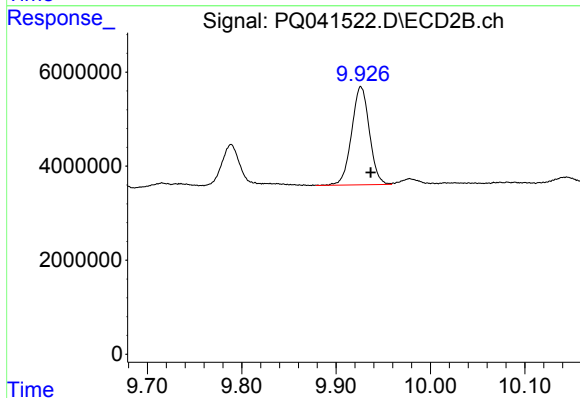
R.T.: 9.402 min
Delta R.T.: -0.009 min
Response: 79522451
Conc: 135.31 ng/ml



#40 AR-1262-5

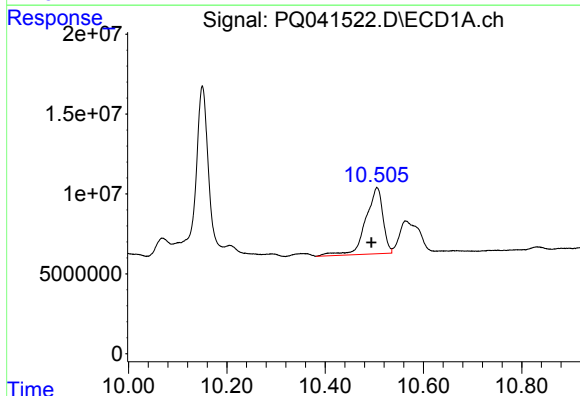
R.T.: 11.296 min
Delta R.T.: -0.015 min
Response: 44104414
Conc: 96.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



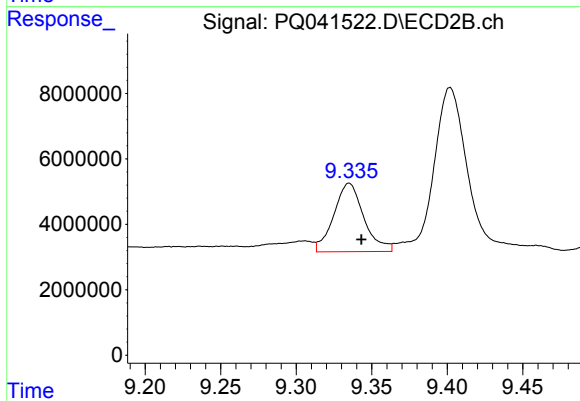
#40 AR-1262-5

R.T.: 9.926 min
Delta R.T.: -0.010 min
Response: 27269164
Conc: 113.64 ng/ml



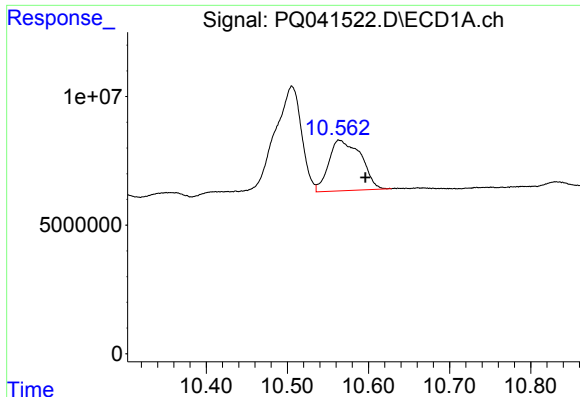
#41 AR-1268-1

R.T.: 10.506 min
Delta R.T.: 0.012 min
Response: 100868540
Conc: 55.89 ng/ml



#41 AR-1268-1

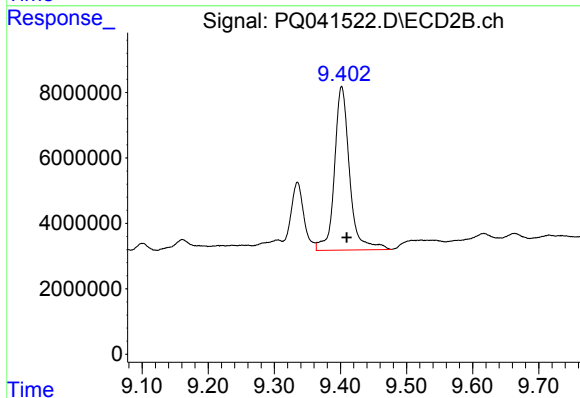
R.T.: 9.335 min
Delta R.T.: -0.008 min
Response: 29051570
Conc: 25.43 ng/ml



#42 AR-1268-2

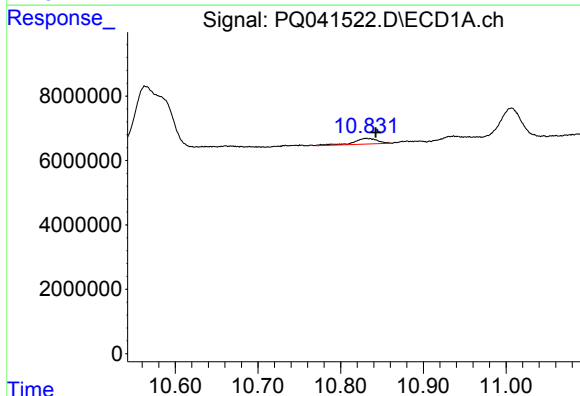
R.T.: 10.564 min
Delta R.T.: -0.032 min
Response: 54264444
Conc: 34.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



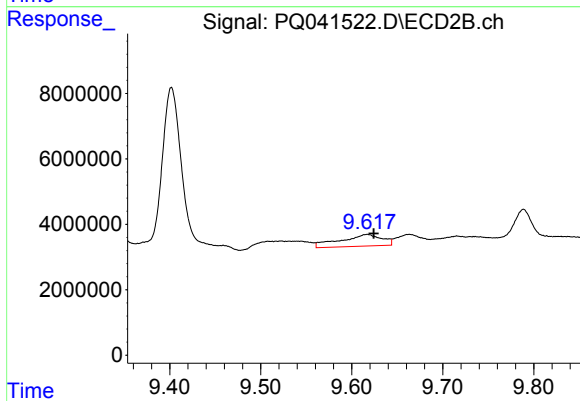
#42 AR-1268-2

R.T.: 9.402 min
Delta R.T.: -0.007 min
Response: 79522451
Conc: 81.83 ng/ml



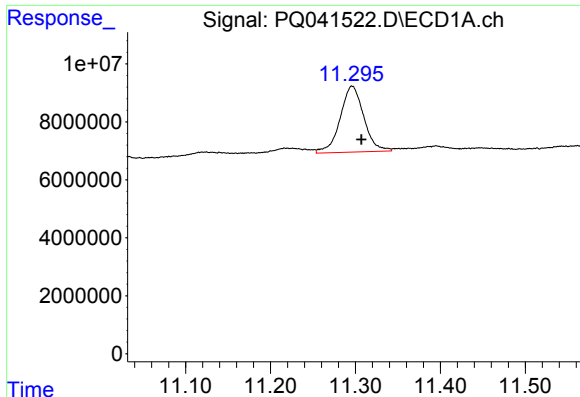
#43 AR-1268-3

R.T.: 10.831 min
Delta R.T.: -0.012 min
Response: 3535417
Conc: 2.51 ng/ml



#43 AR-1268-3

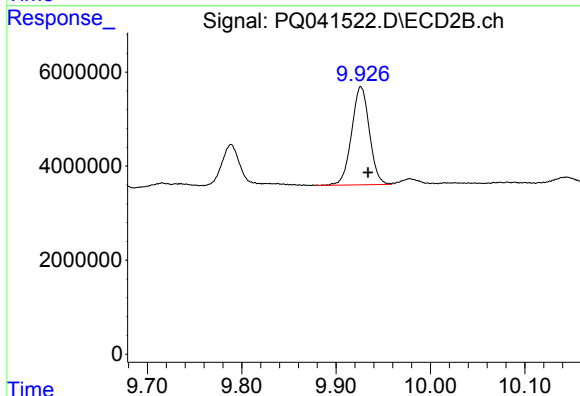
R.T.: 9.617 min
Delta R.T.: -0.007 min
Response: 11395281
Conc: 14.28 ng/ml



#44 AR-1268-4

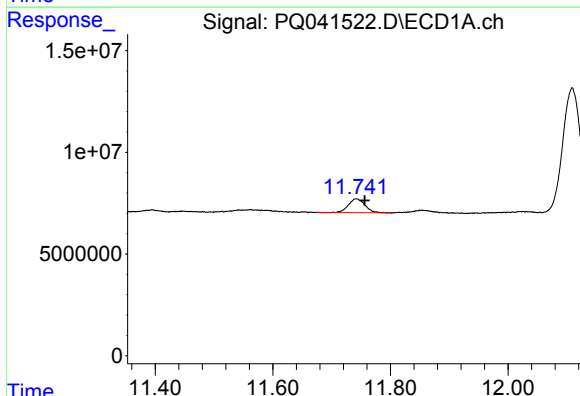
R.T.: 11.296 min
Delta R.T.: -0.011 min
Response: 44104414
Conc: 77.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



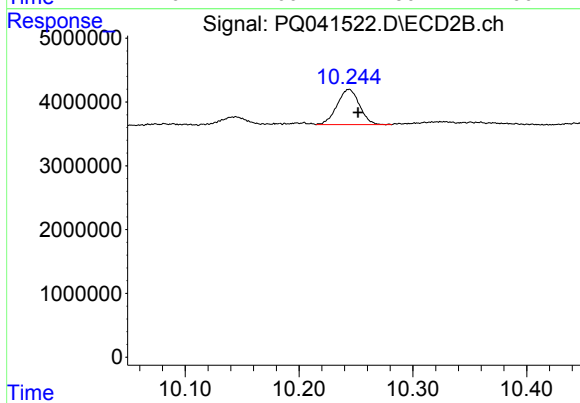
#44 AR-1268-4

R.T.: 9.926 min
Delta R.T.: -0.007 min
Response: 27269164
Conc: 88.86 ng/ml



#45 AR-1268-5

R.T.: 11.742 min
Delta R.T.: -0.015 min
Response: 13347797
Conc: 3.08 ng/ml



#45 AR-1268-5

R.T.: 10.244 min
Delta R.T.: -0.008 min
Response: 7547599
Conc: 3.82 ng/ml