

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
 Data File : PQ042847.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2019 05:38
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248318

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 06:08:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.623	4.686	50936634	47829979	17.160	19.085
2)	SA Decachlor...	11.974	10.416	260.2E6	218.6E6	34.465	35.802
Target Compounds							
3)	L1 AR-1016-1	7.068	6.136	28533994	29333845	234.486	254.743
4)	L1 AR-1016-2	7.095	6.158	34609257	31178233	188.054	194.221
5)	L1 AR-1016-3	7.165	6.372	18087284	19385302	145.463	226.088 #
6)	L1 AR-1016-4	7.276	6.426	19391319	38660210	219.449	535.393 #
7)	L1 AR-1016-5	7.612	6.678	44886401	48881171	530.762	545.756
9)	L2 AR-1221-2	6.017	5.105	1162940	1340937	47.734	55.721
10)	L2 AR-1221-3	6.109	5.212	3519121	3366604	40.983	40.762
11)	L3 AR-1232-1	6.109	5.212	3519121	3366604	50.735	49.974
12)	L3 AR-1232-2	6.752	6.158	11486992	31178233	312.078	408.146 #
13)	L3 AR-1232-3	7.095	6.372	34609257	19385302	414.005	477.757
14)	L3 AR-1232-4	7.276	6.474	19391319	40540605	475.591	1019.059 #
15)	L3 AR-1232-5	7.382	6.678	36897118	48881171	1508.529	1232.655
16)	L4 AR-1242-1	7.068	6.136	28533994	29333845	273.417	283.967
17)	L4 AR-1242-2	7.095	6.158	34609257	31178233	227.207	220.016
18)	L4 AR-1242-3	7.165	6.372	18087284	19385302	177.475	256.139 #
19)	L4 AR-1242-4	7.276	6.474	19391319	40540605	252.127	529.425 #
20)	L4 AR-1242-5	8.101	7.087	58660207	80794831	621.699	720.765
21)	L5 AR-1248-1	7.068	6.136	28533994	29333845	342.231	356.857
22)	L5 AR-1248-2	7.382	6.426	36897118	38660210	361.275	350.934
23)	L5 AR-1248-3	7.612	6.474	44886401	40540605	353.718	359.734
24)	L5 AR-1248-4	8.059	6.678	60296174	48881171	363.726	357.799
25)	L5 AR-1248-5	8.101	7.132	58660207	58195840	368.446	369.674
26)	L6 AR-1254-1	8.028	7.087	44575070	80794831	303.791	358.061
27)	L6 AR-1254-2	8.271	7.255	59672516	23920317	248.765	118.297 #
28)	L6 AR-1254-3	8.661	7.701	35093143	38299649	123.094	108.761
29)	L6 AR-1254-4	8.964	7.950	26398943	30924725	110.718	120.513
30)	L6 AR-1254-5	9.402	8.396	6665317	7654581	25.815	21.066
31)	L7 AR-1260-1	8.831	7.858	1453340	20326579	8.244	99.626 #
32)	L7 AR-1260-2	9.102	8.046	6261707	5429444	26.051	20.268
33)	L7 AR-1260-3	9.476	8.209	2337057	4816422	10.809	20.206 #
34)	L7 AR-1260-4	9.710	8.707	4340216	1372847	17.874	6.055 #
35)	L7 AR-1260-5	10.059	8.959	5250311	3425095	8.844	5.500 #
36)	L8 AR-1262-1	9.540	8.468	898505	401094	6.234	2.343 #
37)	L8 AR-1262-2	10.059	8.959	5250311	3425095	6.978	4.100 #
38)	L8 AR-1262-3	10.391	9.252	5677172	2457482	10.556	6.914 #
39)	L8 AR-1262-4	10.488	9.318	4823045	2565320	11.094	3.978 #
40)	L8 AR-1262-5	11.186	9.835	3076311	863965	8.969	2.731 #
41)	L9 AR-1268-1	10.391	9.252	5677172	2457482	5.938	2.448 #
42)	L9 AR-1268-2	10.488	9.318	4823045	2565320	5.178	2.732 #
43)	L9 AR-1268-3	10.729	9.528	5713344	3786878	7.051	4.754 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
 Data File : PQ042847.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2019 05:38
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

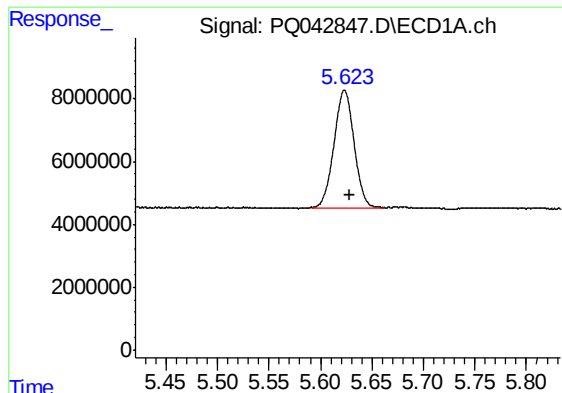
Instrument :
 ECD_Q
 ClientSampleId :
 AR1248318

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 06:08:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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
44) L9	AR-1268-4	11.186	9.835	3076311	863965	8.291	2.524 #
45) L9	AR-1268-5	11.619	10.146	4351126	1928688	1.537	0.752 #

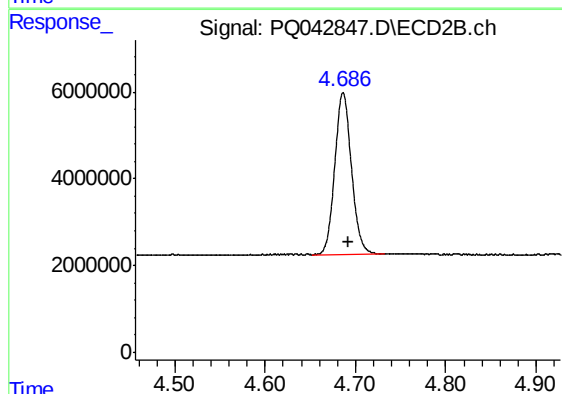
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

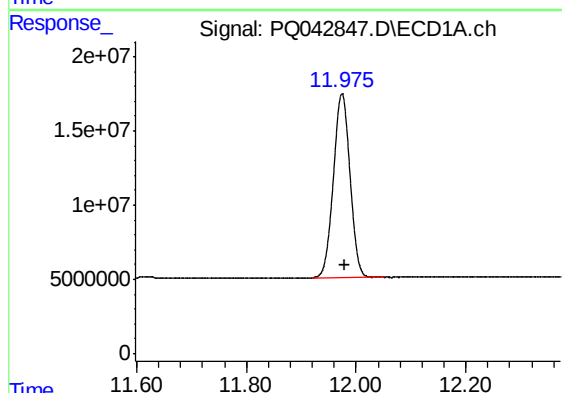
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 50936634
Conc: 17.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



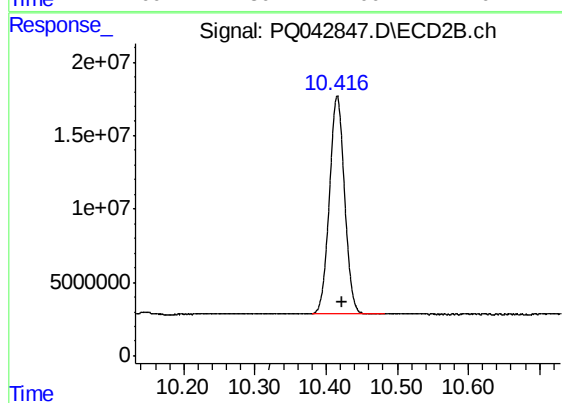
#1 Tetrachloro-m-xylene

R.T.: 4.686 min
Delta R.T.: -0.006 min
Response: 47829979
Conc: 19.09 ng/ml



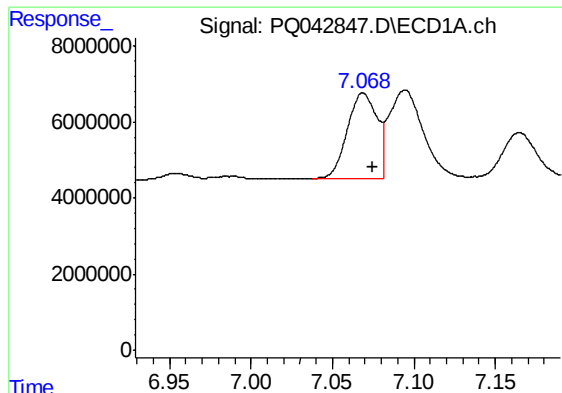
#2 Decachlorobiphenyl

R.T.: 11.974 min
Delta R.T.: -0.004 min
Response: 260169502
Conc: 34.47 ng/ml



#2 Decachlorobiphenyl

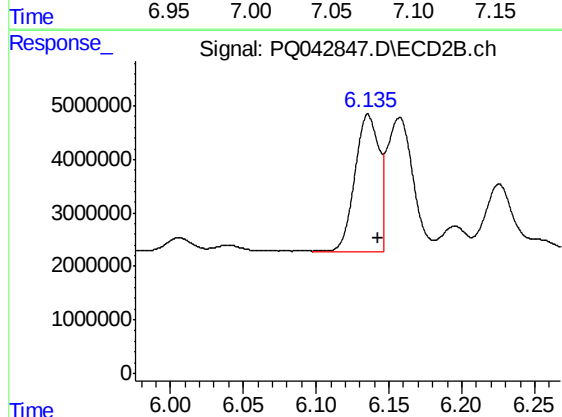
R.T.: 10.416 min
Delta R.T.: -0.006 min
Response: 218622321
Conc: 35.80 ng/ml



#3 AR-1016-1

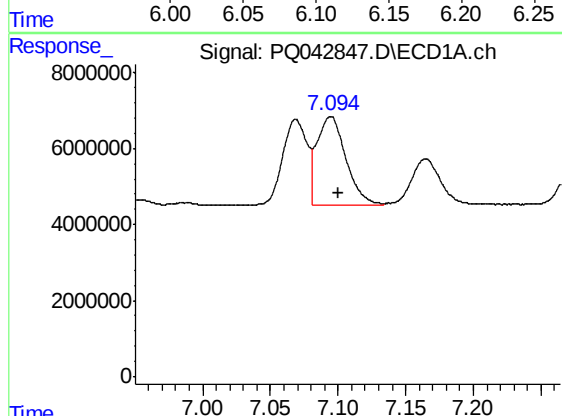
R.T.: 7.068 min
Delta R.T.: -0.006 min
Response: 28533994
Conc: 234.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



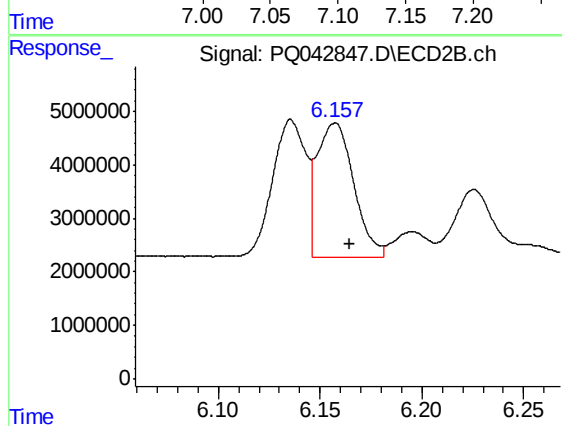
#3 AR-1016-1

R.T.: 6.136 min
Delta R.T.: -0.007 min
Response: 29333845
Conc: 254.74 ng/ml



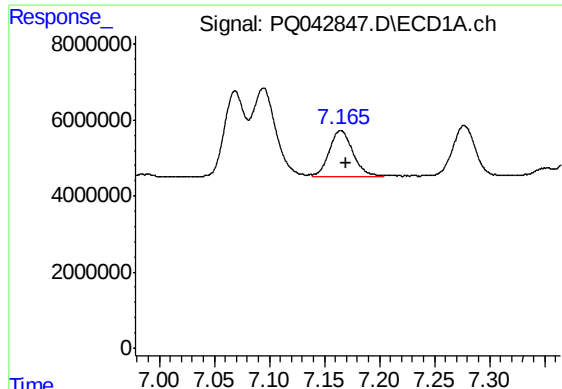
#4 AR-1016-2

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 34609257
Conc: 188.05 ng/ml



#4 AR-1016-2

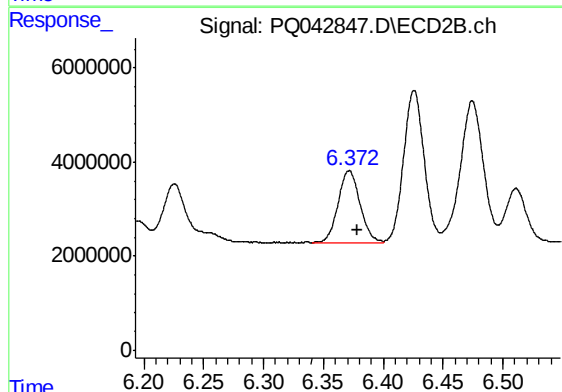
R.T.: 6.158 min
Delta R.T.: -0.007 min
Response: 31178233
Conc: 194.22 ng/ml



#5 AR-1016-3

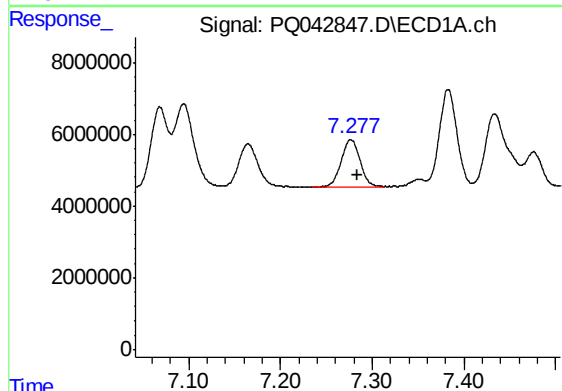
R.T.: 7.165 min
Delta R.T.: -0.004 min
Response: 18087284
Conc: 145.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



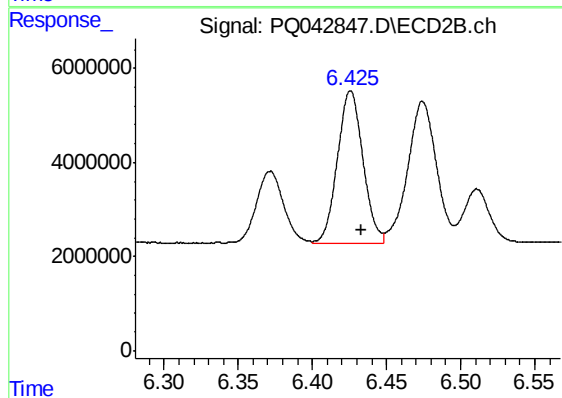
#5 AR-1016-3

R.T.: 6.372 min
Delta R.T.: -0.006 min
Response: 19385302
Conc: 226.09 ng/ml



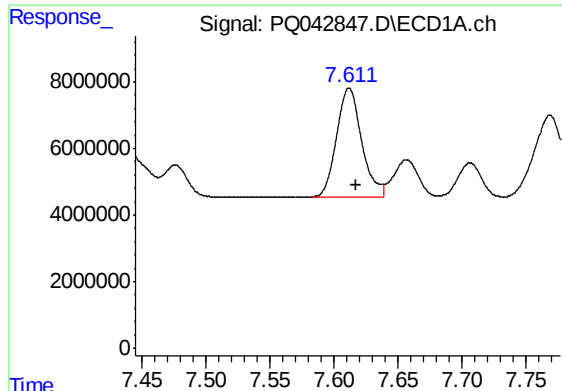
#6 AR-1016-4

R.T.: 7.276 min
Delta R.T.: -0.007 min
Response: 19391319
Conc: 219.45 ng/ml



#6 AR-1016-4

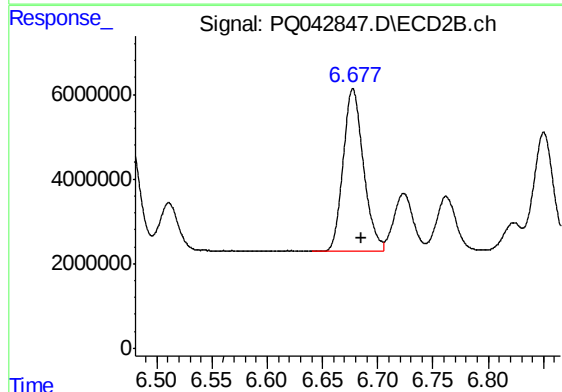
R.T.: 6.426 min
Delta R.T.: -0.007 min
Response: 38660210
Conc: 535.39 ng/ml



#7 AR-1016-5

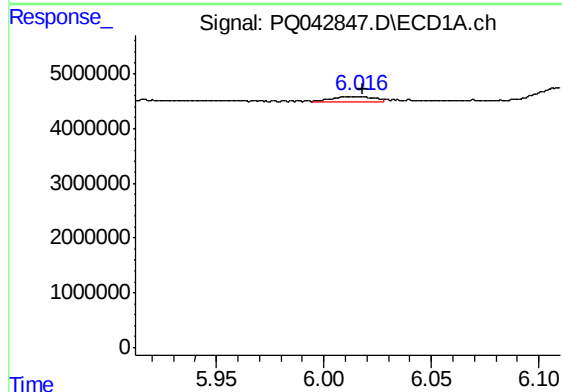
R.T.: 7.612 min
Delta R.T.: -0.006 min
Response: 44886401
Conc: 530.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



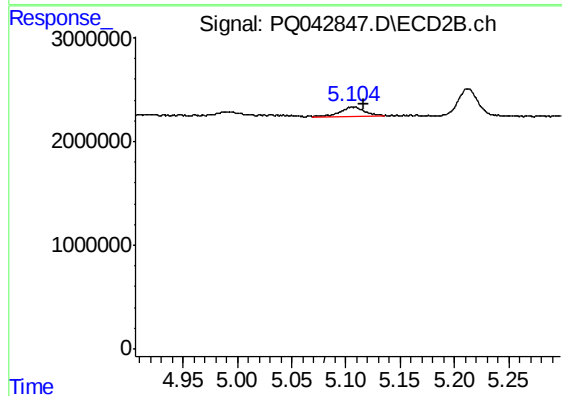
#7 AR-1016-5

R.T.: 6.678 min
Delta R.T.: -0.007 min
Response: 48881171
Conc: 545.76 ng/ml



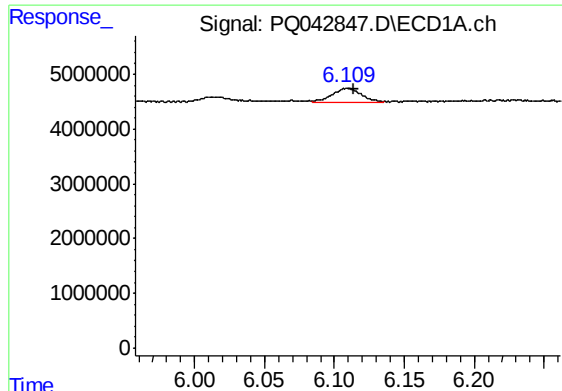
#9 AR-1221-2

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 1162940
Conc: 47.73 ng/ml



#9 AR-1221-2

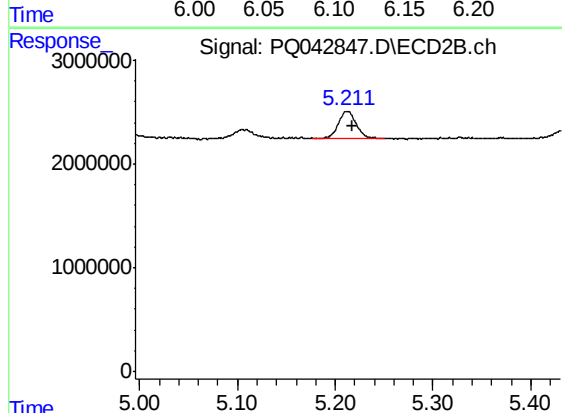
R.T.: 5.105 min
Delta R.T.: -0.011 min
Response: 1340937
Conc: 55.72 ng/ml



#10 AR-1221-3

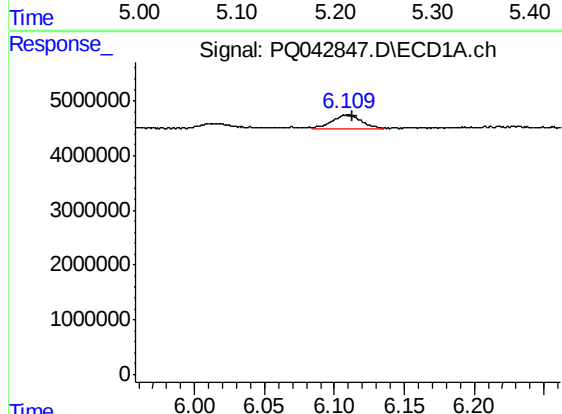
R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 3519121
Conc: 40.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



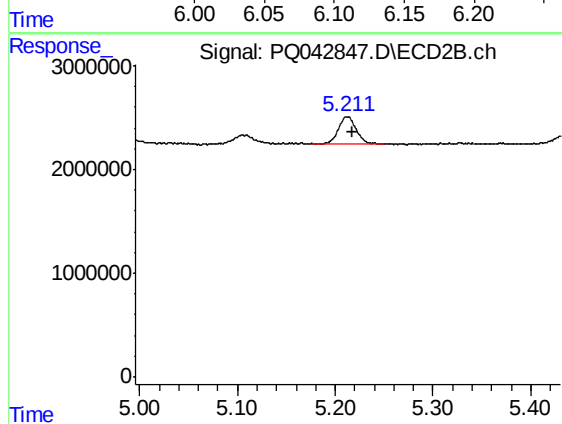
#10 AR-1221-3

R.T.: 5.212 min
Delta R.T.: -0.006 min
Response: 3366604
Conc: 40.76 ng/ml



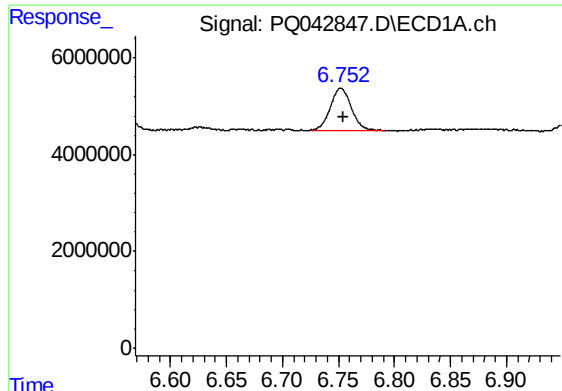
#11 AR-1232-1

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 3519121
Conc: 50.74 ng/ml



#11 AR-1232-1

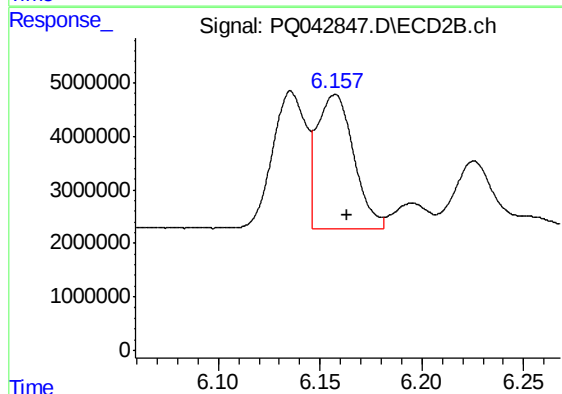
R.T.: 5.212 min
Delta R.T.: -0.006 min
Response: 3366604
Conc: 49.97 ng/ml



#12 AR-1232-2

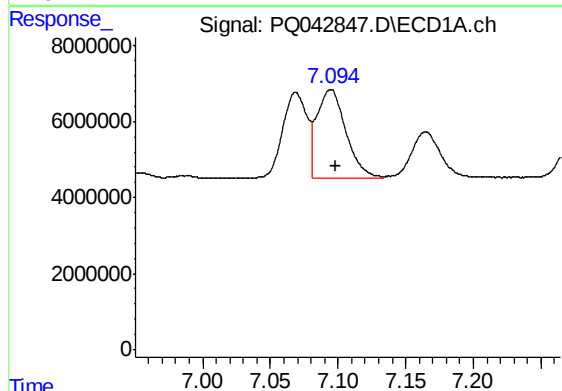
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 11486992
Conc: 312.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



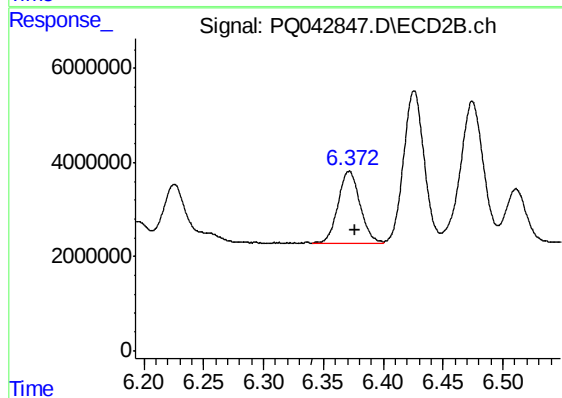
#12 AR-1232-2

R.T.: 6.158 min
Delta R.T.: -0.006 min
Response: 31178233
Conc: 408.15 ng/ml



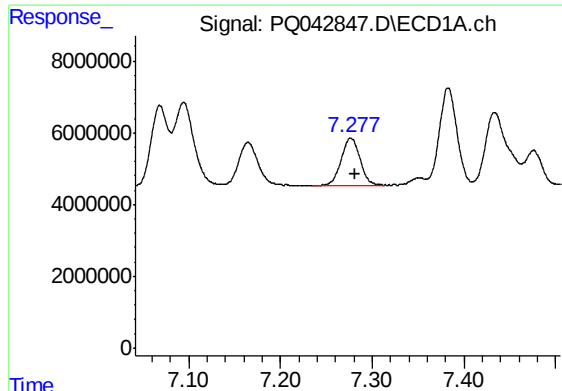
#13 AR-1232-3

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 34609257
Conc: 414.00 ng/ml



#13 AR-1232-3

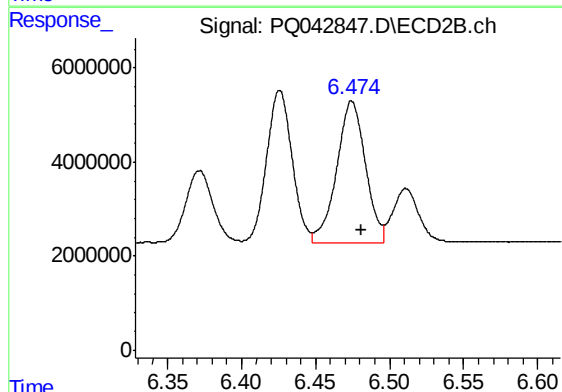
R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 19385302
Conc: 477.76 ng/ml



#14 AR-1232-4

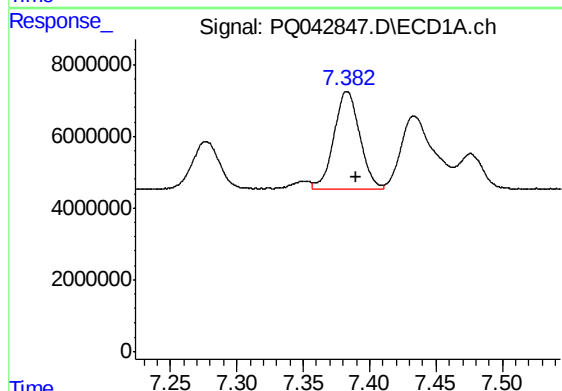
R.T.: 7.276 min
Delta R.T.: -0.005 min
Response: 19391319
Conc: 475.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



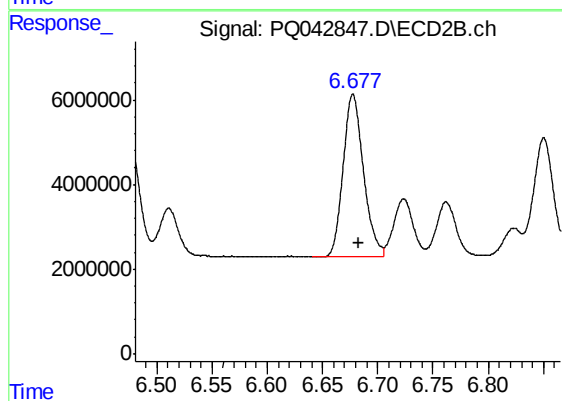
#14 AR-1232-4

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 40540605
Conc: 1019.06 ng/ml



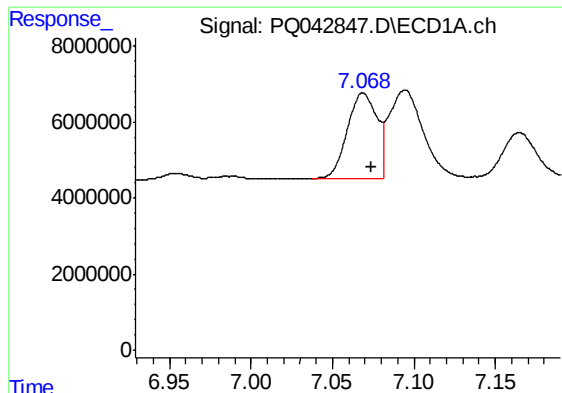
#15 AR-1232-5

R.T.: 7.382 min
Delta R.T.: -0.007 min
Response: 36897118
Conc: 1508.53 ng/ml



#15 AR-1232-5

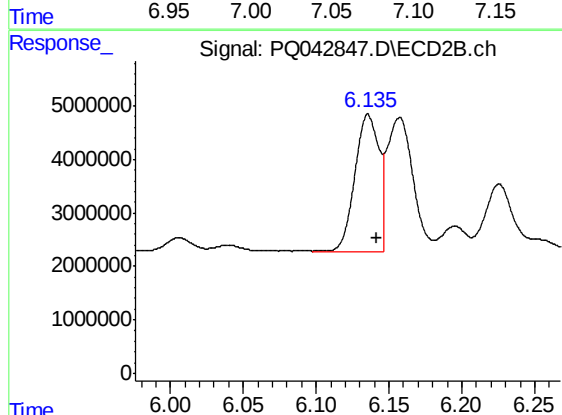
R.T.: 6.678 min
Delta R.T.: -0.006 min
Response: 48881171
Conc: 1232.66 ng/ml



#16 AR-1242-1

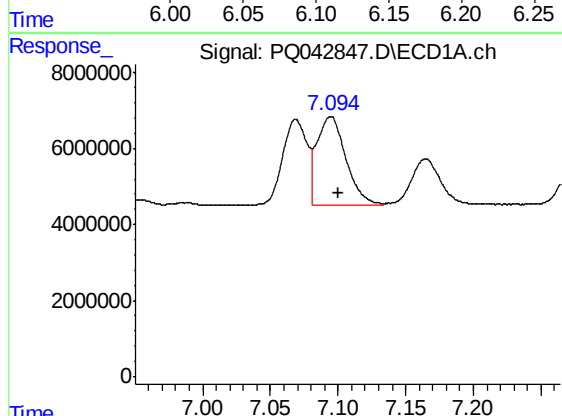
R.T.: 7.068 min
Delta R.T.: -0.006 min
Response: 28533994
Conc: 273.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



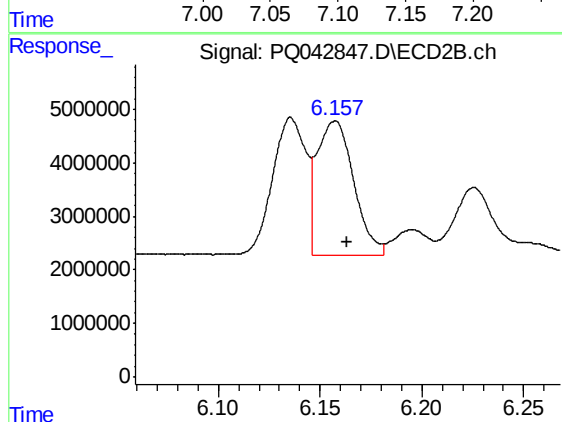
#16 AR-1242-1

R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 29333845
Conc: 283.97 ng/ml



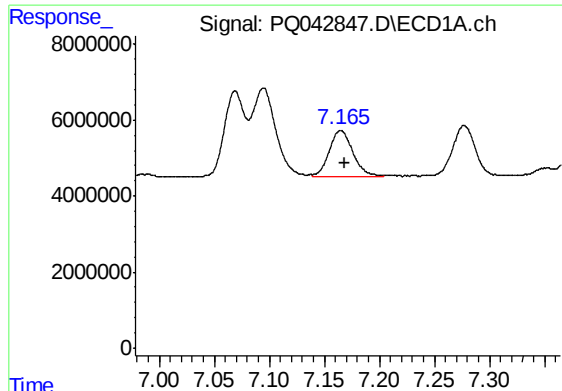
#17 AR-1242-2

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 34609257
Conc: 227.21 ng/ml



#17 AR-1242-2

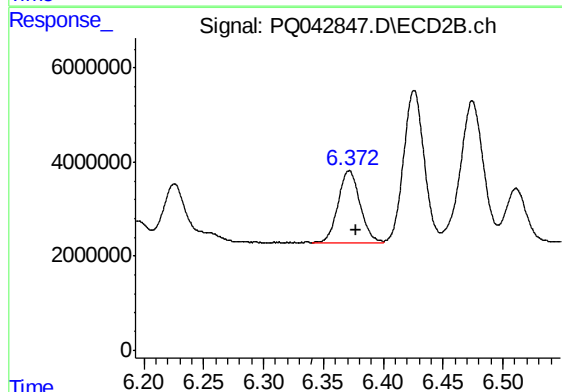
R.T.: 6.158 min
Delta R.T.: -0.006 min
Response: 31178233
Conc: 220.02 ng/ml



#18 AR-1242-3

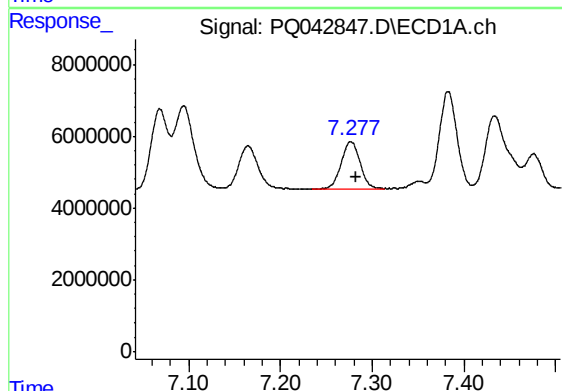
R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 18087284
Conc: 177.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



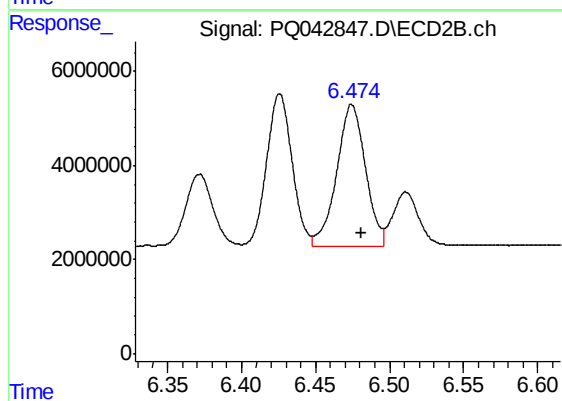
#18 AR-1242-3

R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 19385302
Conc: 256.14 ng/ml



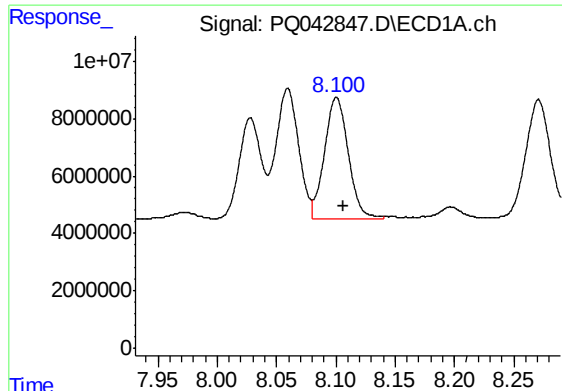
#19 AR-1242-4

R.T.: 7.276 min
Delta R.T.: -0.007 min
Response: 19391319
Conc: 252.13 ng/ml



#19 AR-1242-4

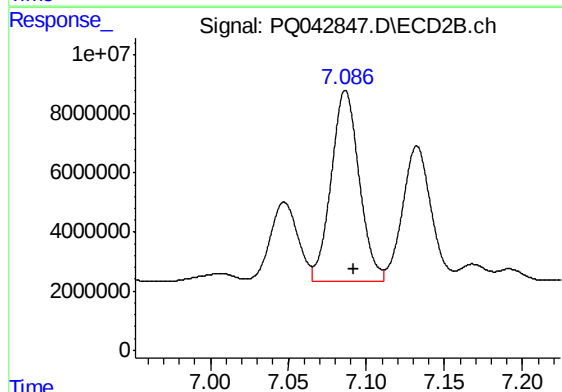
R.T.: 6.474 min
Delta R.T.: -0.006 min
Response: 40540605
Conc: 529.43 ng/ml



#20 AR-1242-5

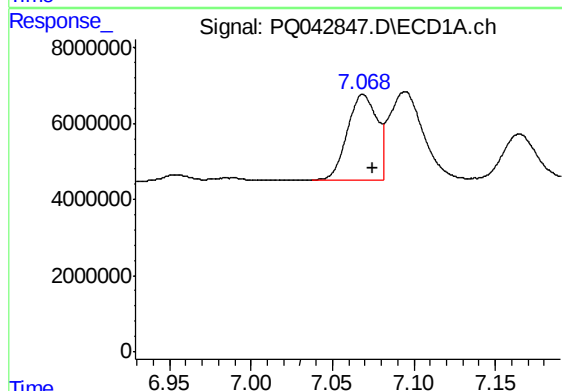
R.T.: 8.101 min
Delta R.T.: -0.006 min
Response: 58660207
Conc: 621.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



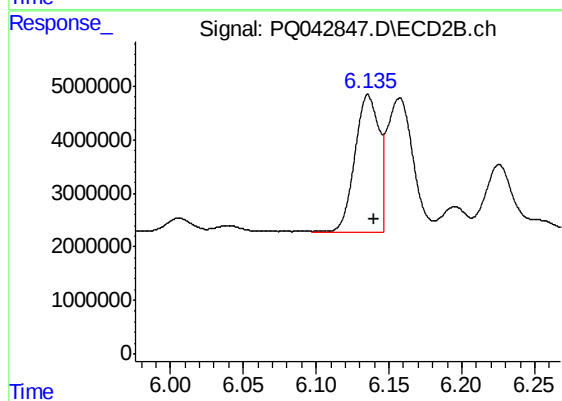
#20 AR-1242-5

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 80794831
Conc: 720.76 ng/ml



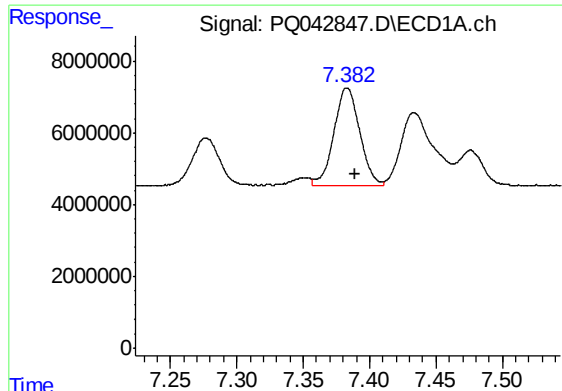
#21 AR-1248-1

R.T.: 7.068 min
Delta R.T.: -0.006 min
Response: 28533994
Conc: 342.23 ng/ml



#21 AR-1248-1

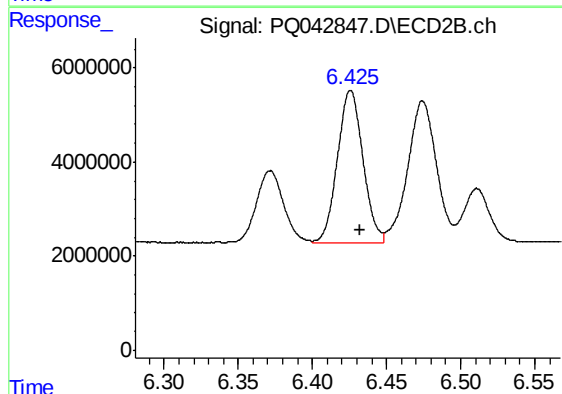
R.T.: 6.136 min
Delta R.T.: -0.004 min
Response: 29333845
Conc: 356.86 ng/ml



#22 AR-1248-2

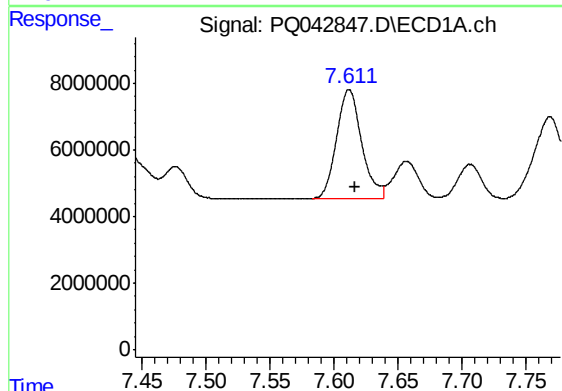
R.T.: 7.382 min
Delta R.T.: -0.006 min
Response: 36897118
Conc: 361.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



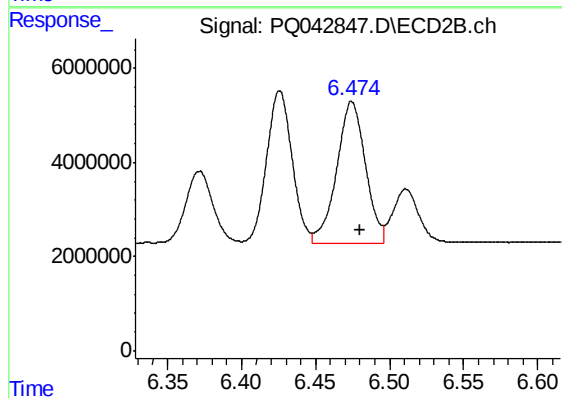
#22 AR-1248-2

R.T.: 6.426 min
Delta R.T.: -0.006 min
Response: 38660210
Conc: 350.93 ng/ml



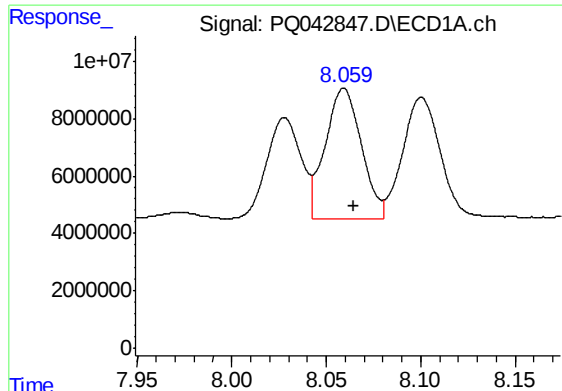
#23 AR-1248-3

R.T.: 7.612 min
Delta R.T.: -0.005 min
Response: 44886401
Conc: 353.72 ng/ml



#23 AR-1248-3

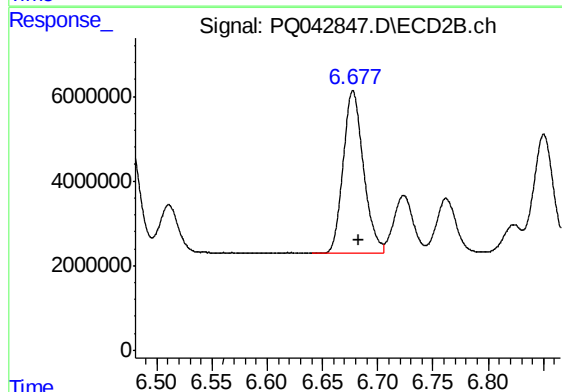
R.T.: 6.474 min
Delta R.T.: -0.005 min
Response: 40540605
Conc: 359.73 ng/ml



#24 AR-1248-4

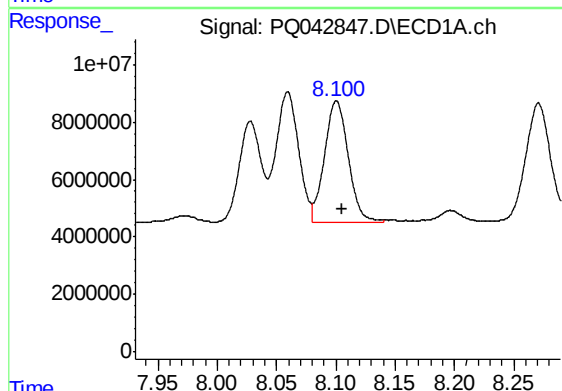
R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 60296174
Conc: 363.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



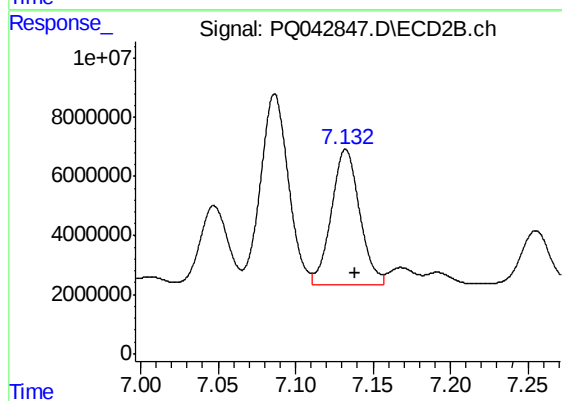
#24 AR-1248-4

R.T.: 6.678 min
Delta R.T.: -0.005 min
Response: 48881171
Conc: 357.80 ng/ml



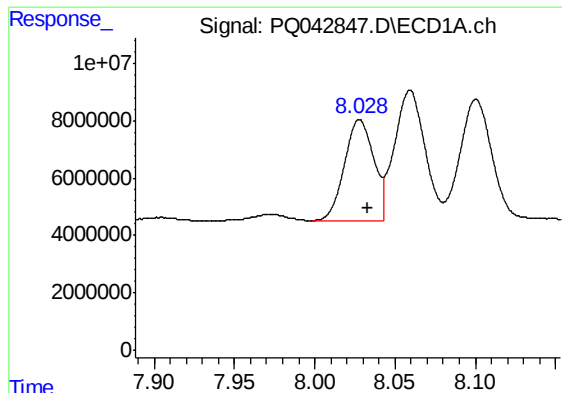
#25 AR-1248-5

R.T.: 8.101 min
Delta R.T.: -0.005 min
Response: 58660207
Conc: 368.45 ng/ml



#25 AR-1248-5

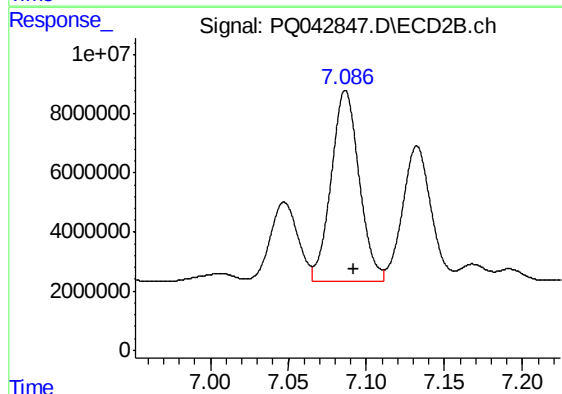
R.T.: 7.132 min
Delta R.T.: -0.006 min
Response: 58195840
Conc: 369.67 ng/ml



#26 AR-1254-1

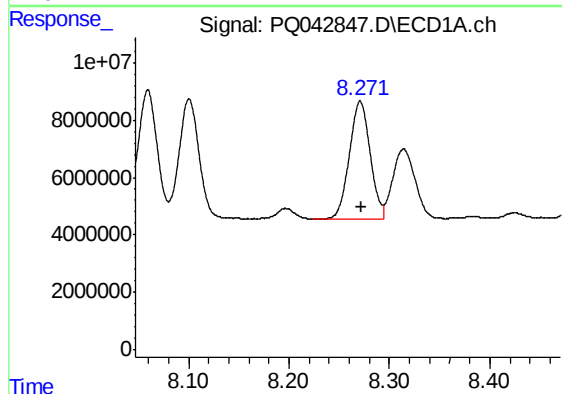
R.T.: 8.028 min
Delta R.T.: -0.005 min
Response: 44575070
Conc: 303.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



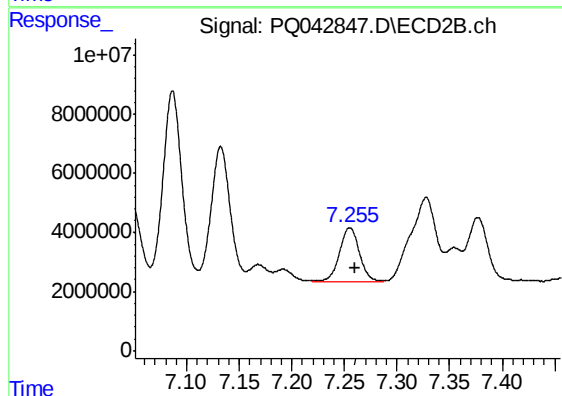
#26 AR-1254-1

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 80794831
Conc: 358.06 ng/ml



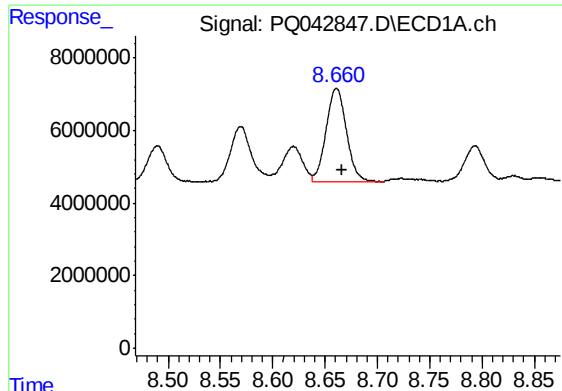
#27 AR-1254-2

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 59672516
Conc: 248.77 ng/ml



#27 AR-1254-2

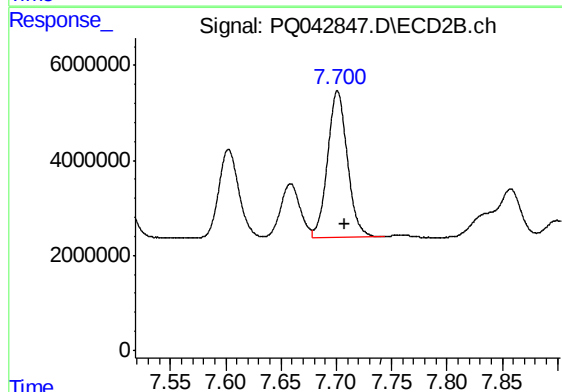
R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 23920317
Conc: 118.30 ng/ml



#28 AR-1254-3

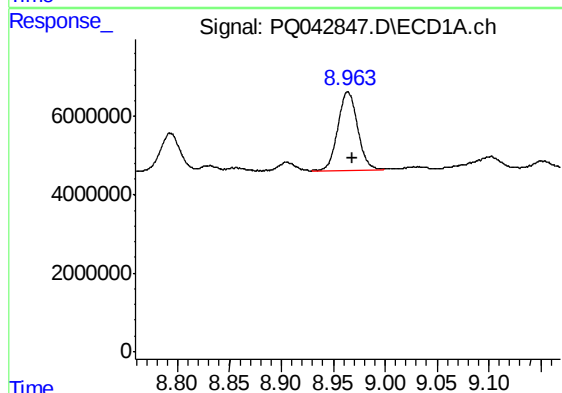
R.T.: 8.661 min
Delta R.T.: -0.005 min
Response: 35093143
Conc: 123.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



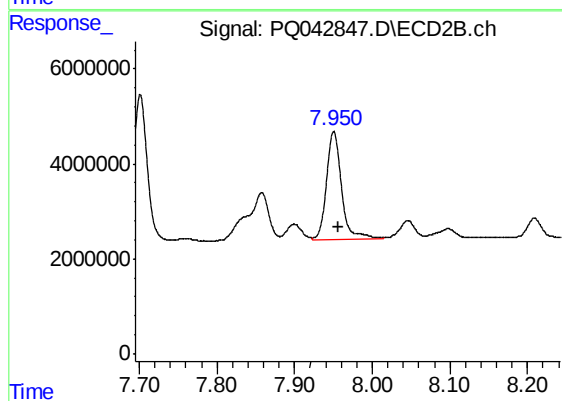
#28 AR-1254-3

R.T.: 7.701 min
Delta R.T.: -0.006 min
Response: 38299649
Conc: 108.76 ng/ml



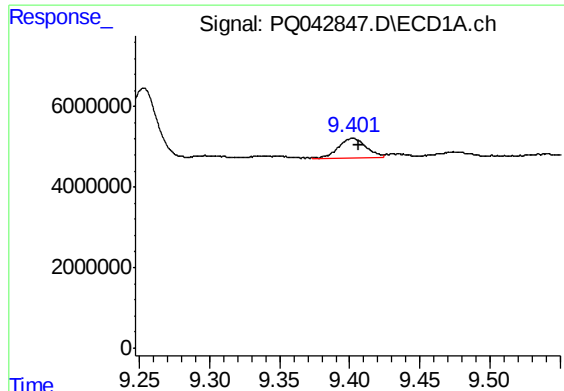
#29 AR-1254-4

R.T.: 8.964 min
Delta R.T.: -0.004 min
Response: 26398943
Conc: 110.72 ng/ml



#29 AR-1254-4

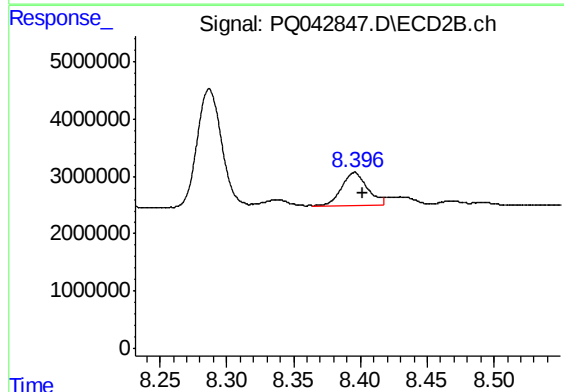
R.T.: 7.950 min
Delta R.T.: -0.006 min
Response: 30924725
Conc: 120.51 ng/ml



#30 AR-1254-5

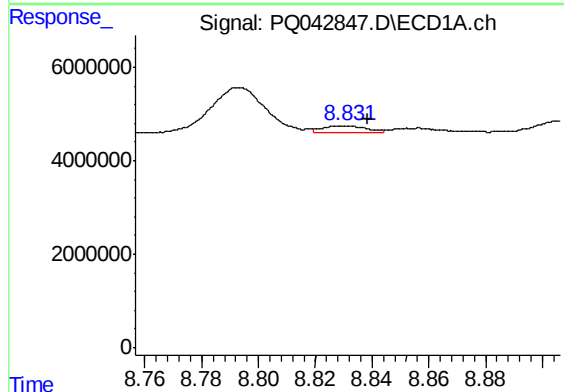
R.T.: 9.402 min
Delta R.T.: -0.004 min
Response: 6665317
Conc: 25.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



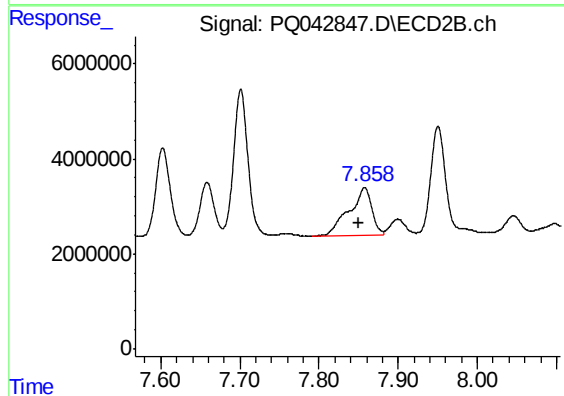
#30 AR-1254-5

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 7654581
Conc: 21.07 ng/ml



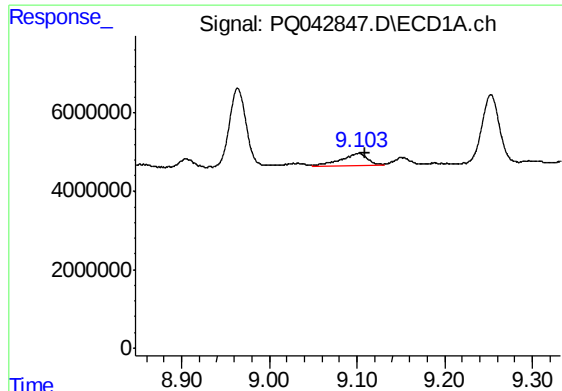
#31 AR-1260-1

R.T.: 8.831 min
Delta R.T.: -0.008 min
Response: 1453340
Conc: 8.24 ng/ml



#31 AR-1260-1

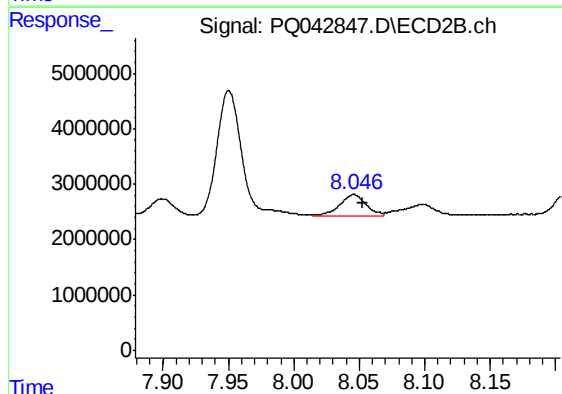
R.T.: 7.858 min
Delta R.T.: 0.008 min
Response: 20326579
Conc: 99.63 ng/ml



#32 AR-1260-2

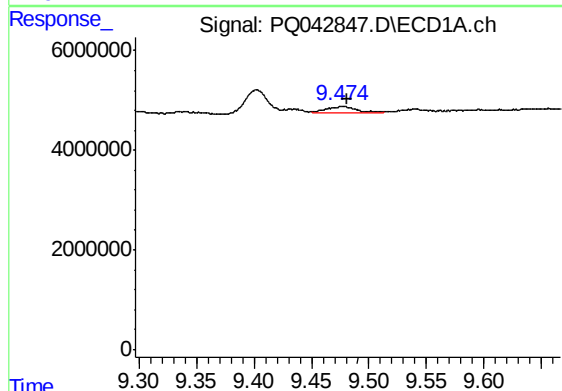
R.T.: 9.102 min
Delta R.T.: -0.007 min
Response: 6261707
Conc: 26.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



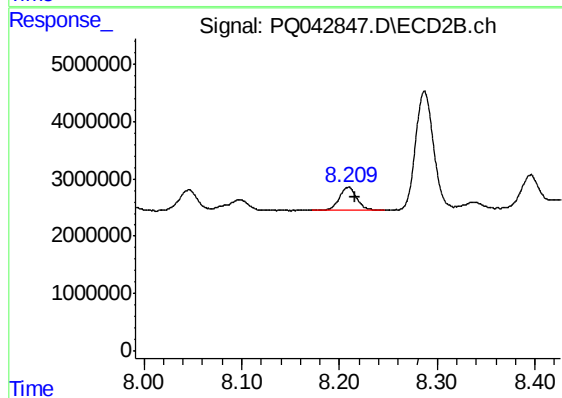
#32 AR-1260-2

R.T.: 8.046 min
Delta R.T.: -0.006 min
Response: 5429444
Conc: 20.27 ng/ml



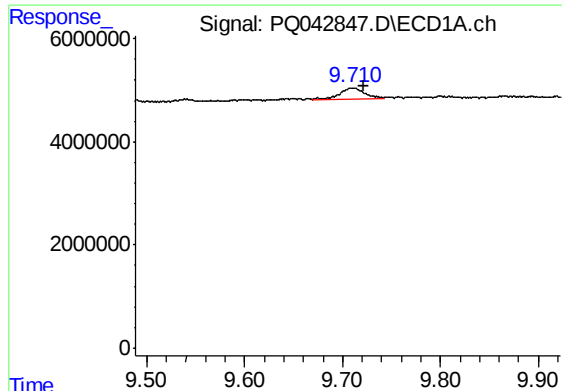
#33 AR-1260-3

R.T.: 9.476 min
Delta R.T.: -0.006 min
Response: 2337057
Conc: 10.81 ng/ml



#33 AR-1260-3

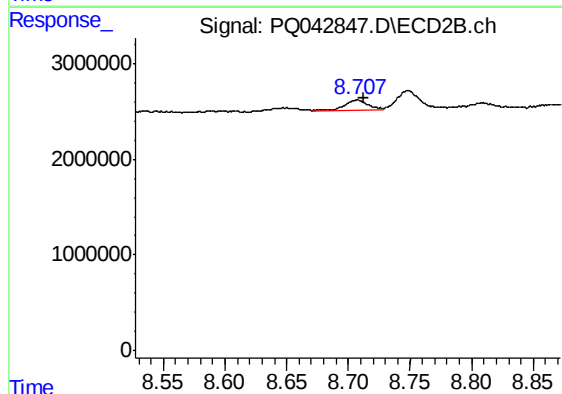
R.T.: 8.209 min
Delta R.T.: -0.007 min
Response: 4816422
Conc: 20.21 ng/ml



#34 AR-1260-4

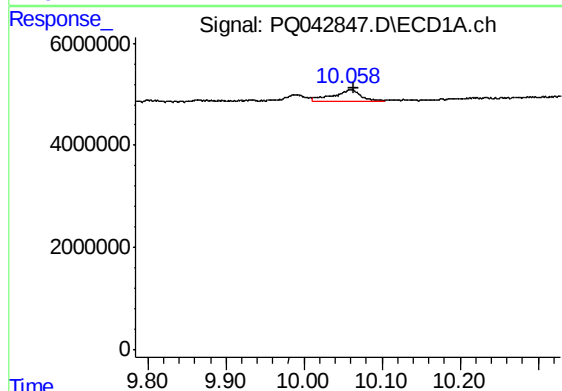
R.T.: 9.710 min
Delta R.T.: -0.012 min
Response: 4340216
Conc: 17.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



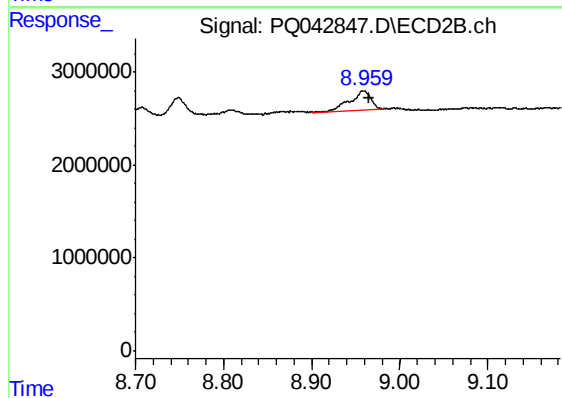
#34 AR-1260-4

R.T.: 8.707 min
Delta R.T.: -0.006 min
Response: 1372847
Conc: 6.06 ng/ml



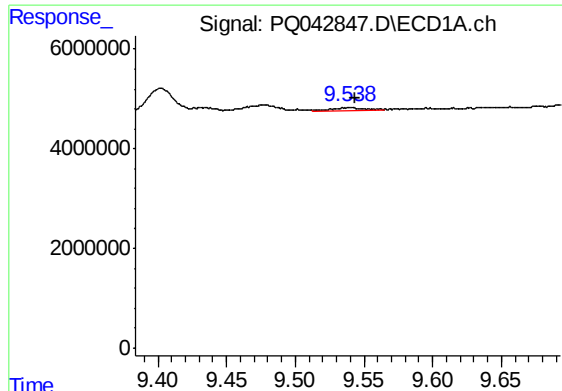
#35 AR-1260-5

R.T.: 10.059 min
Delta R.T.: -0.004 min
Response: 5250311
Conc: 8.84 ng/ml



#35 AR-1260-5

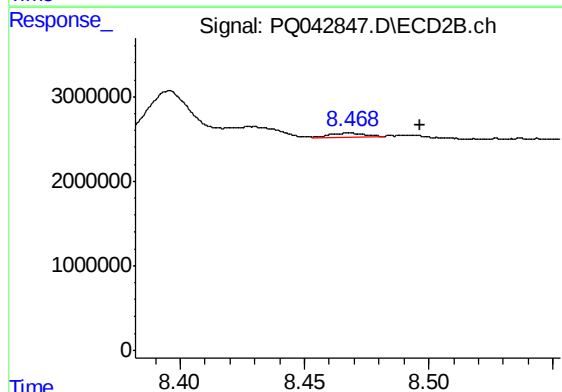
R.T.: 8.959 min
Delta R.T.: -0.006 min
Response: 3425095
Conc: 5.50 ng/ml



#36 AR-1262-1

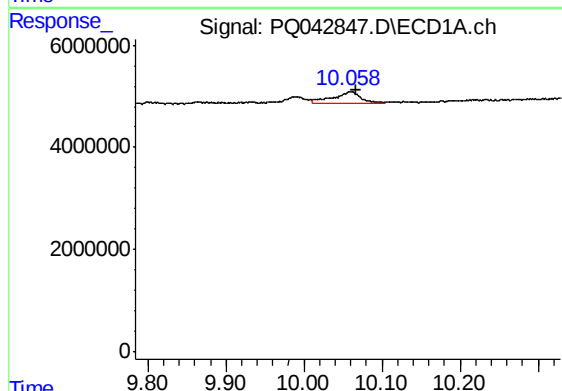
R.T.: 9.540 min
Delta R.T.: -0.003 min
Response: 898505
Conc: 6.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



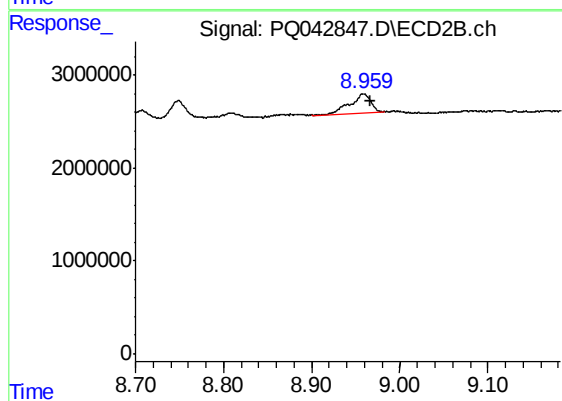
#36 AR-1262-1

R.T.: 8.468 min
Delta R.T.: -0.028 min
Response: 401094
Conc: 2.34 ng/ml



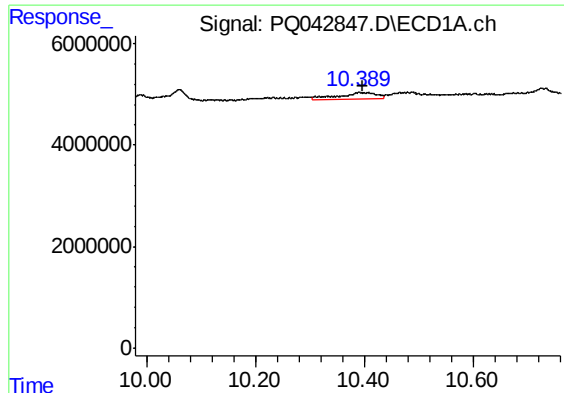
#37 AR-1262-2

R.T.: 10.059 min
Delta R.T.: -0.007 min
Response: 5250311
Conc: 6.98 ng/ml



#37 AR-1262-2

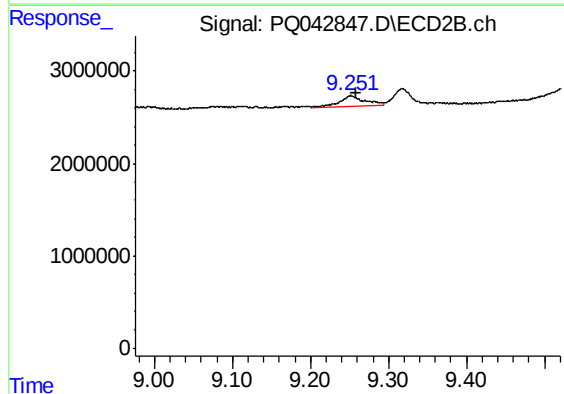
R.T.: 8.959 min
Delta R.T.: -0.007 min
Response: 3425095
Conc: 4.10 ng/ml



#38 AR-1262-3

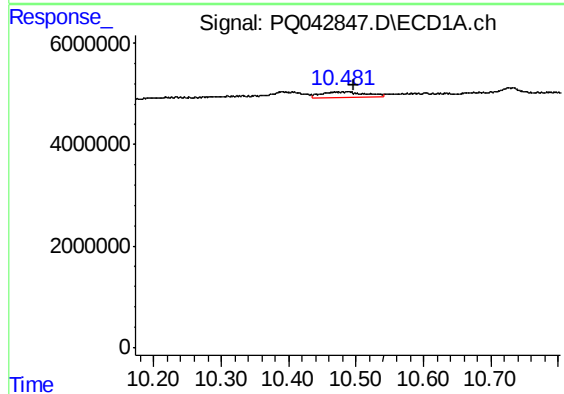
R.T.: 10.391 min
Delta R.T.: -0.007 min
Response: 5677172
Conc: 10.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



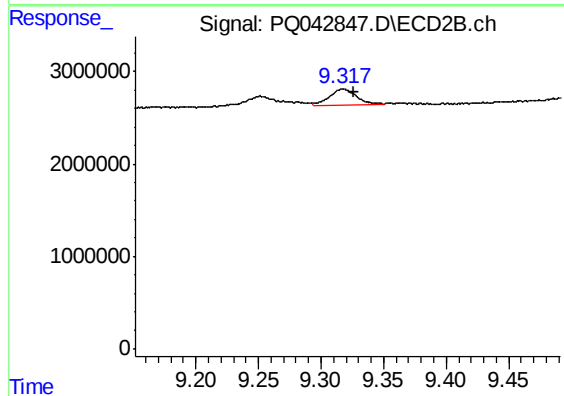
#38 AR-1262-3

R.T.: 9.252 min
Delta R.T.: -0.006 min
Response: 2457482
Conc: 6.91 ng/ml



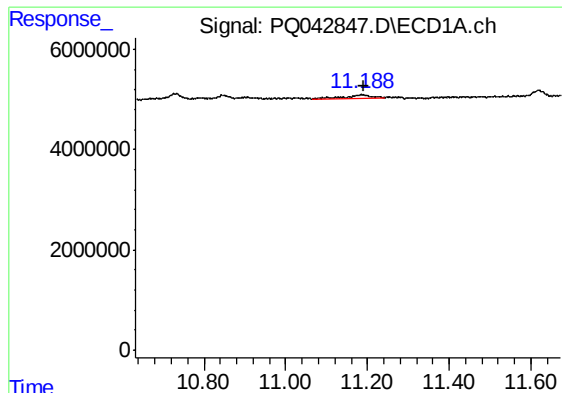
#39 AR-1262-4

R.T.: 10.488 min
Delta R.T.: -0.009 min
Response: 4823045
Conc: 11.09 ng/ml



#39 AR-1262-4

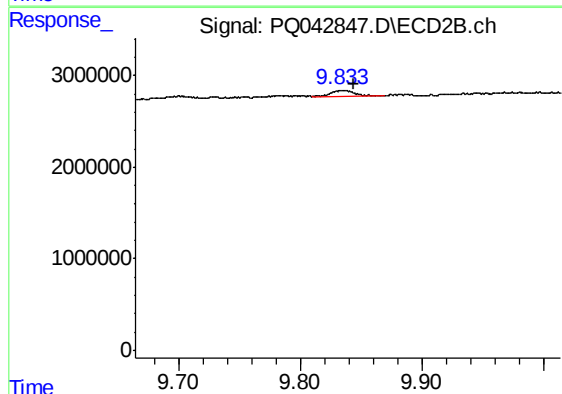
R.T.: 9.318 min
Delta R.T.: -0.008 min
Response: 2565320
Conc: 3.98 ng/ml



#40 AR-1262-5

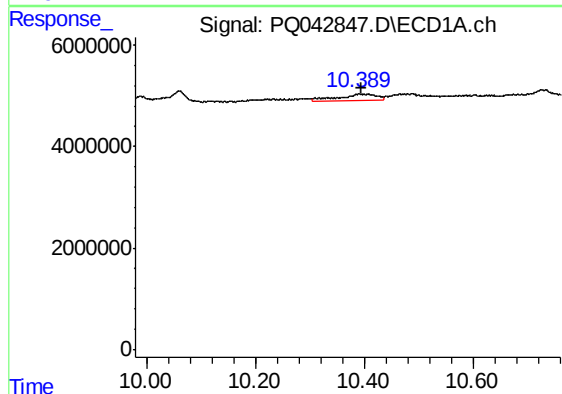
R.T.: 11.186 min
Delta R.T.: -0.006 min
Response: 3076311
Conc: 8.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



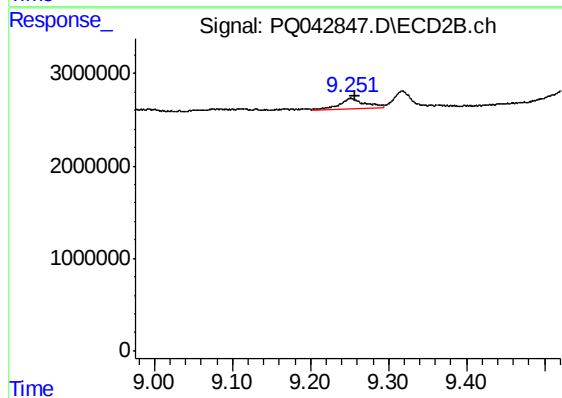
#40 AR-1262-5

R.T.: 9.835 min
Delta R.T.: -0.009 min
Response: 863965
Conc: 2.73 ng/ml



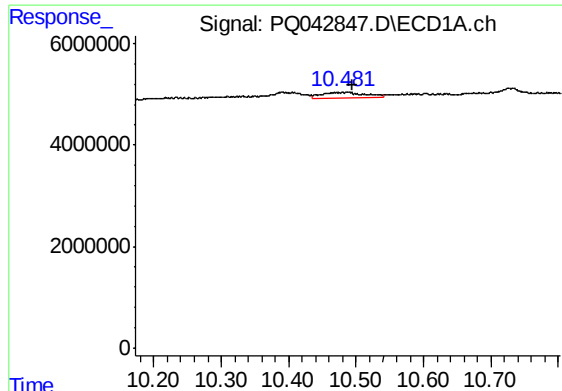
#41 AR-1268-1

R.T.: 10.391 min
Delta R.T.: -0.003 min
Response: 5677172
Conc: 5.94 ng/ml



#41 AR-1268-1

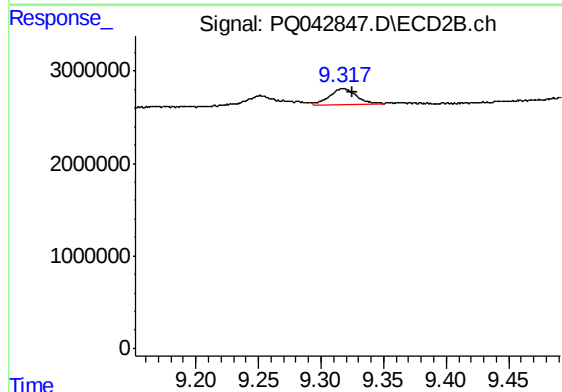
R.T.: 9.252 min
Delta R.T.: -0.006 min
Response: 2457482
Conc: 2.45 ng/ml



#42 AR-1268-2

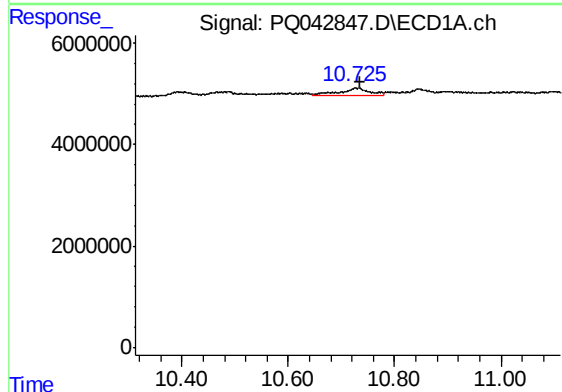
R.T.: 10.488 min
Delta R.T.: -0.007 min
Response: 4823045
Conc: 5.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



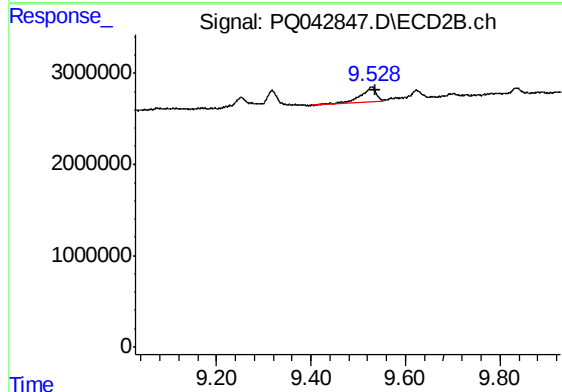
#42 AR-1268-2

R.T.: 9.318 min
Delta R.T.: -0.007 min
Response: 2565320
Conc: 2.73 ng/ml



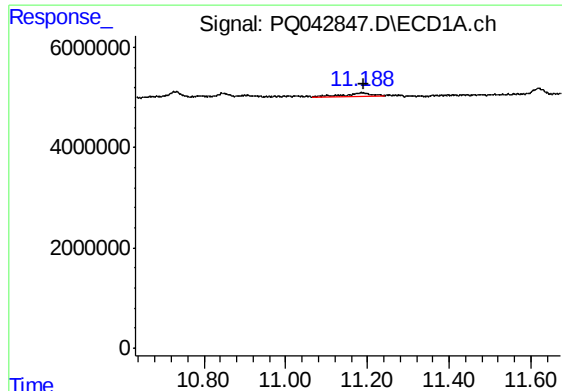
#43 AR-1268-3

R.T.: 10.729 min
Delta R.T.: -0.005 min
Response: 5713344
Conc: 7.05 ng/ml



#43 AR-1268-3

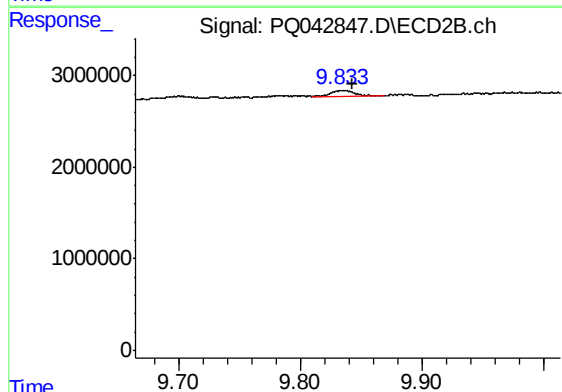
R.T.: 9.528 min
Delta R.T.: -0.008 min
Response: 3786878
Conc: 4.75 ng/ml



#44 AR-1268-4

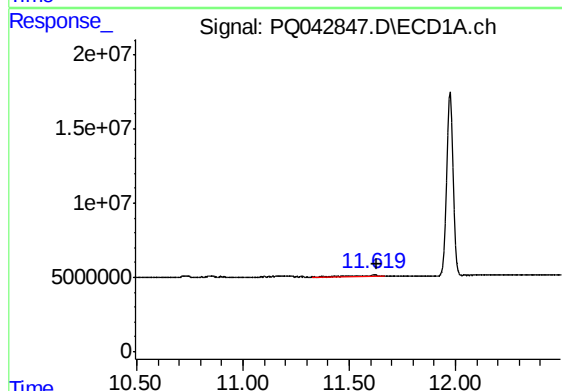
R.T.: 11.186 min
Delta R.T.: -0.004 min
Response: 3076311
Conc: 8.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248318



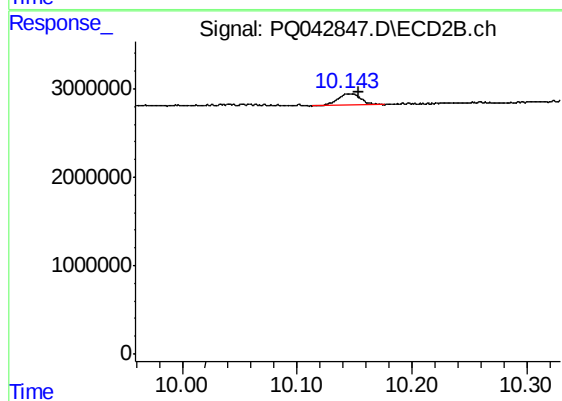
#44 AR-1268-4

R.T.: 9.835 min
Delta R.T.: -0.008 min
Response: 863965
Conc: 2.52 ng/ml



#45 AR-1268-5

R.T.: 11.619 min
Delta R.T.: -0.009 min
Response: 4351126
Conc: 1.54 ng/ml



#45 AR-1268-5

R.T.: 10.146 min
Delta R.T.: -0.008 min
Response: 1928688
Conc: 0.75 ng/ml