

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
 Data File : PQ042702.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2019 03:53
 Operator : SM\AJ
 Sample : K4456-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ27

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 09:35:08 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...	5.626	4.690	47905002	43709757	16.139	17.441
2)	SA Decachlor...	11.979	10.419	138.7E6	116.3E6	18.378	19.052
Target Compounds							
3)	L1 AR-1016-1	7.071	6.139	4505528	4624692	37.025	40.162
4)	L1 AR-1016-2	7.097	6.160	6781928	5692047	36.851	35.458
5)	L1 AR-1016-3	0.000	6.374	0	3597365	N.D.	41.956 #
6)	L1 AR-1016-4	7.279	6.429	3278277	8596607	37.100	119.052 #
7)	L1 AR-1016-5	7.614	6.680	7680097	8520011	90.814	95.126
10)	L2 AR-1221-3	0.000	5.271	0	2123124	N.D.	25.706 #
11)	L3 AR-1232-1	0.000	5.271	0	2123124	N.D.	31.516 #
12)	L3 AR-1232-2	6.752	6.160	2184113	5692047	59.338	74.513 #
13)	L3 AR-1232-3	7.097	6.374	6781928	3597365	81.127	88.658
14)	L3 AR-1232-4	7.279	6.477	3278277	8110522	80.403	203.872 #
15)	L3 AR-1232-5	7.386	6.680	7091313	8520011	289.926	214.852 #
16)	L4 AR-1242-1	7.071	6.139	4505528	4624692	43.173	44.769
17)	L4 AR-1242-2	7.097	6.160	6781928	5692047	44.523	40.167
18)	L4 AR-1242-3	0.000	6.374	0	3597365	N.D.	47.532 #
19)	L4 AR-1242-4	7.279	6.477	3278277	8110522	42.624	105.916 #
20)	L4 AR-1242-5	8.103	7.090	18641766	22819361	197.571	203.570
21)	L5 AR-1248-1	7.071	6.139	4505528	4624692	54.038	56.261
22)	L5 AR-1248-2	7.386	6.429	7091313	8596607	69.434	78.035
23)	L5 AR-1248-3	7.614	6.477	7680097	8110522	60.521	71.968
24)	L5 AR-1248-4	8.061	6.680	17321208	8520011	104.487	62.365 #
25)	L5 AR-1248-5	8.103	7.136	18641766	18643509	117.089	118.428
26)	L6 AR-1254-1	8.030	7.090	11677924	22819361	79.588	101.129 #
27)	L6 AR-1254-2	8.273	7.258	18820326	8408447	78.459	41.584 #
28)	L6 AR-1254-3	8.664	7.704	14710081	20662420	51.598	58.676
29)	L6 AR-1254-4	8.966	7.953	11517939	14349864	48.307	55.921
30)	L6 AR-1254-5	9.405	8.399	12920319	14400356	50.040	39.630
31)	L7 AR-1260-1	8.835	7.845	2288491	11302130	12.981	55.395 #
32)	L7 AR-1260-2	9.103	8.049	11178688	7379463	46.508	27.548 #
33)	L7 AR-1260-3	9.481	8.212	949125	4120351	4.390	17.286 #
34)	L7 AR-1260-4	9.713	8.710	5884638	2106114	24.234	9.290 #
35)	L7 AR-1260-5	10.063	8.962	4154120	7348329	6.998	11.799 #
36)	L8 AR-1262-1	9.541	8.493	663634	3524318	4.604	20.588 #
37)	L8 AR-1262-2	10.063	8.962	4154120	7348329	5.521	8.796 #
38)	L8 AR-1262-3	10.398	9.255	328787	4020903	0.611	11.313 #
39)	L8 AR-1262-4	10.470	9.321	403207	5307516	0.927	8.231 #
40)	L8 AR-1262-5	11.194	9.839	96648	1688346	0.282	5.337 #
41)	L9 AR-1268-1	10.390	9.255	310725	4020903	0.325	4.005 #
42)	L9 AR-1268-2	10.470	9.321	403207	5307516	0.433	5.652 #
43)	L9 AR-1268-3	10.727	9.529	206509	5347434	0.255	6.714 #
44)	L9 AR-1268-4	11.188	9.839	108455	1688346	0.292	4.933 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082219\
Data File : PQ042702.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2019 03:53
Operator : SM\AJ
Sample : K4456-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

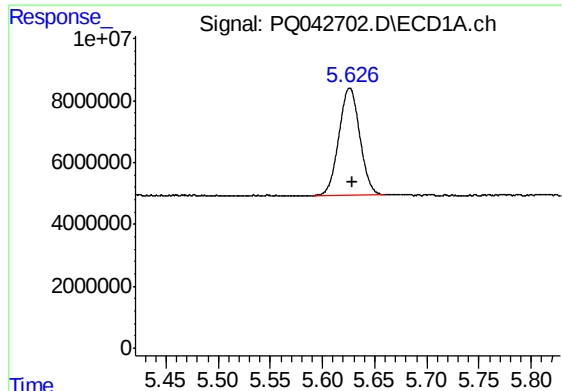
Instrument :
ECD_Q
ClientSampleId :
ETQ27

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 09:35:08 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
45) L9	AR-1268-5	11.625	10.150	932765	1540797	0.330	0.601 #

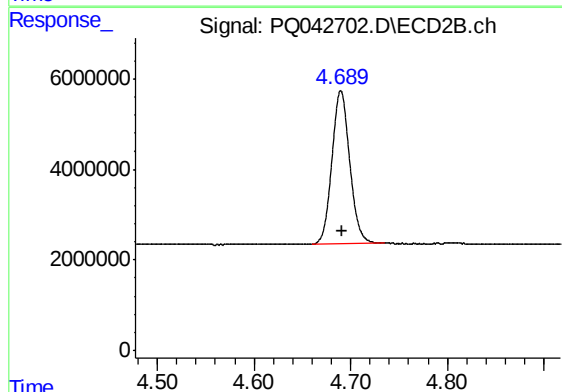
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

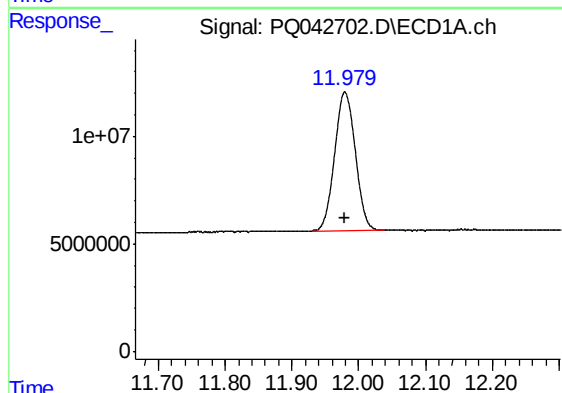
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 47905002
Conc: 16.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



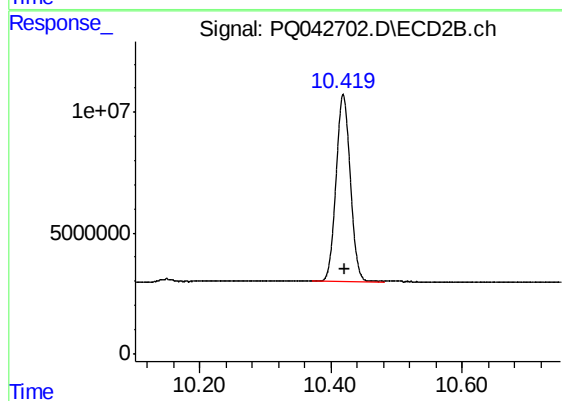
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 43709757
Conc: 17.44 ng/ml



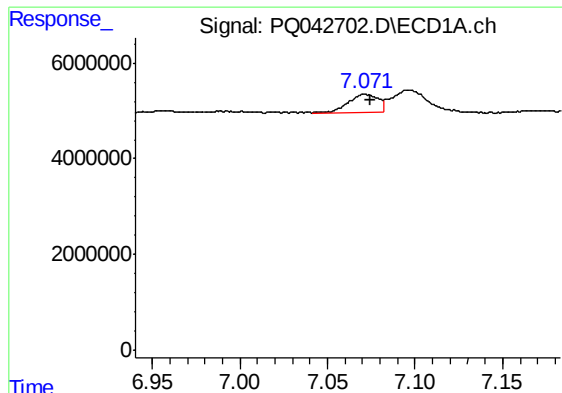
#2 Decachlorobiphenyl

R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 138728864
Conc: 18.38 ng/ml



#2 Decachlorobiphenyl

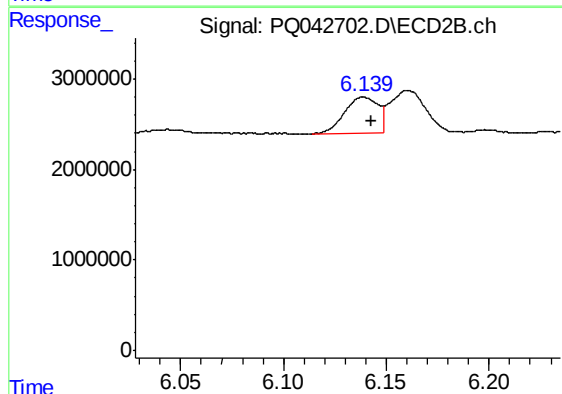
R.T.: 10.419 min
Delta R.T.: -0.003 min
Response: 116341671
Conc: 19.05 ng/ml



#3 AR-1016-1

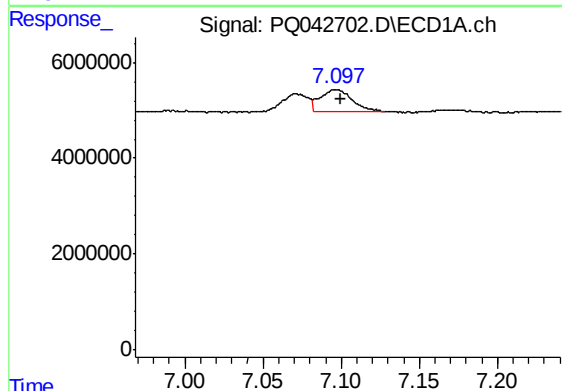
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 4505528
Conc: 37.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



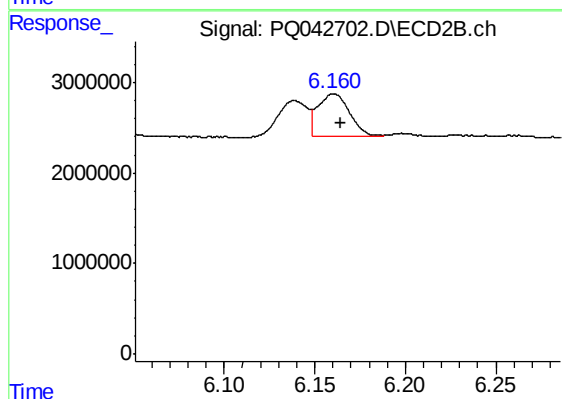
#3 AR-1016-1

R.T.: 6.139 min
Delta R.T.: -0.004 min
Response: 4624692
Conc: 40.16 ng/ml



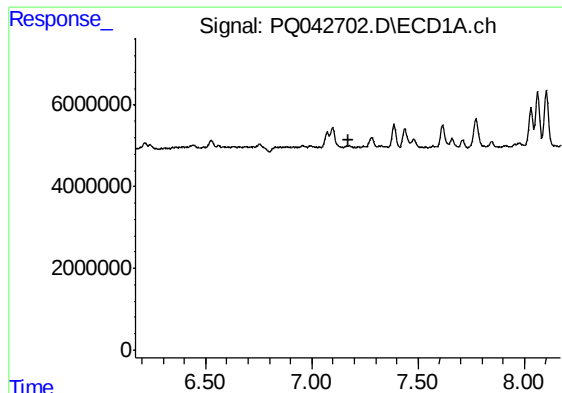
#4 AR-1016-2

R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 6781928
Conc: 36.85 ng/ml



#4 AR-1016-2

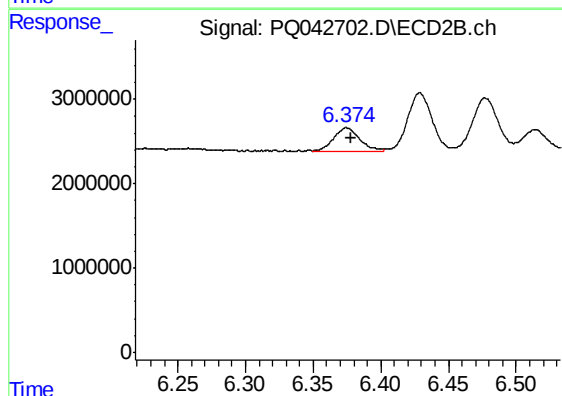
R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 5692047
Conc: 35.46 ng/ml



#5 AR-1016-3

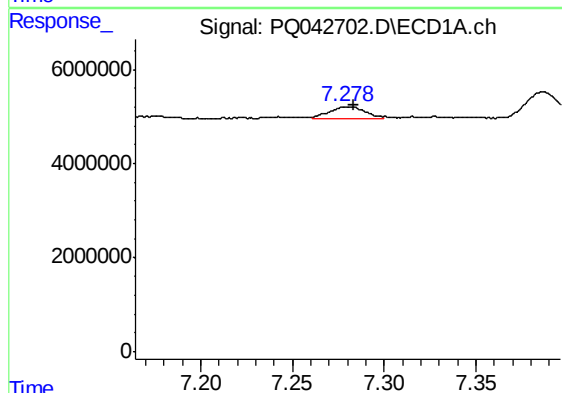
R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ27



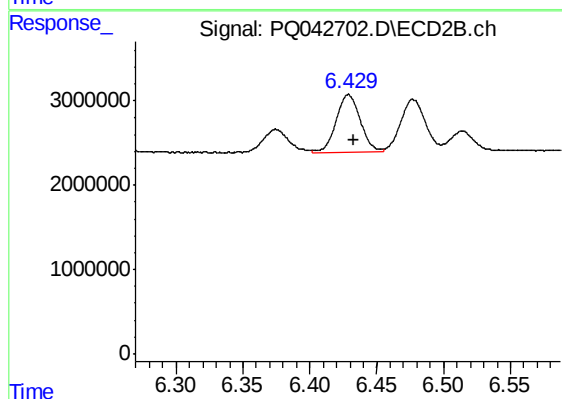
#5 AR-1016-3

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 3597365
Conc: 41.96 ng/ml



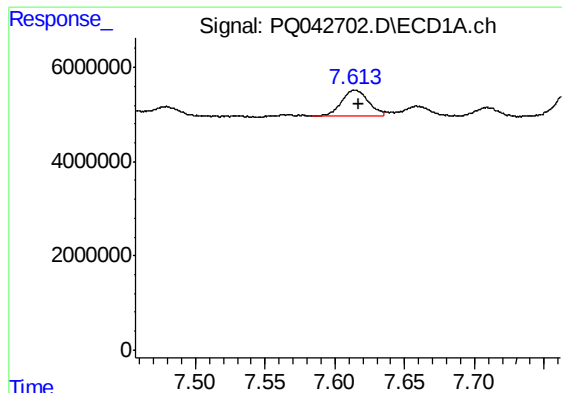
#6 AR-1016-4

R.T.: 7.279 min
Delta R.T.: -0.005 min
Response: 3278277
Conc: 37.10 ng/ml



#6 AR-1016-4

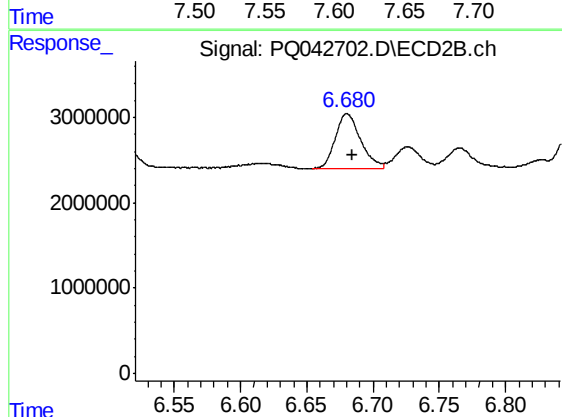
R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 8596607
Conc: 119.05 ng/ml



#7 AR-1016-5

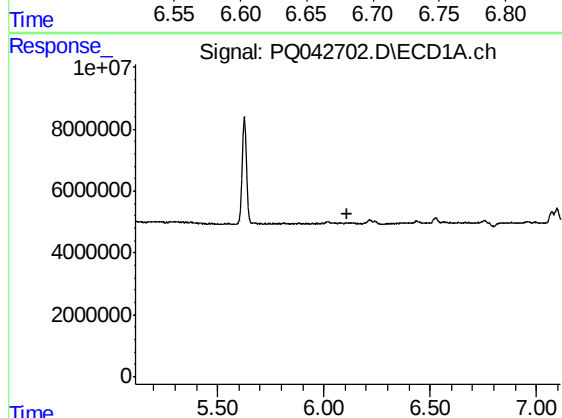
R.T.: 7.614 min
Delta R.T.: -0.003 min
Response: 7680097
Conc: 90.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



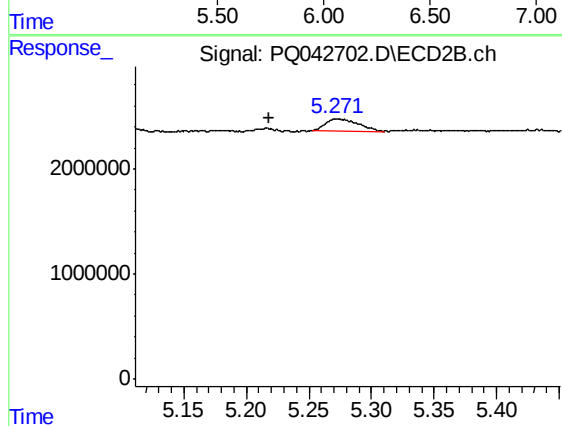
#7 AR-1016-5

R.T.: 6.680 min
Delta R.T.: -0.005 min
Response: 8520011
Conc: 95.13 ng/ml



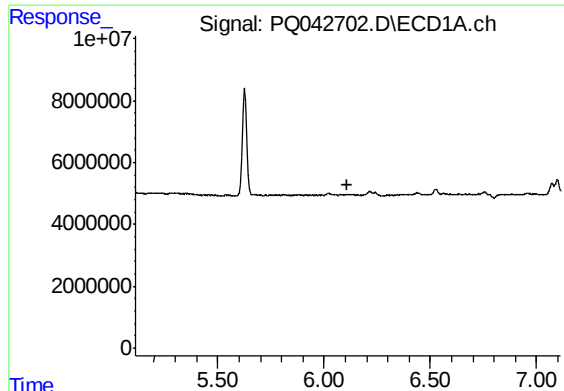
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.114 min
Response: 0
Conc: N.D.



#10 AR-1221-3

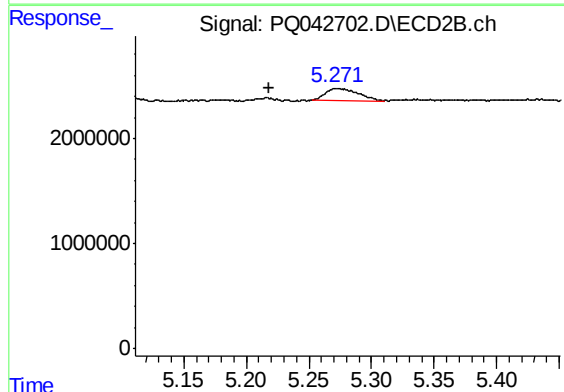
R.T.: 5.271 min
Delta R.T.: 0.053 min
Response: 2123124
Conc: 25.71 ng/ml



#11 AR-1232-1

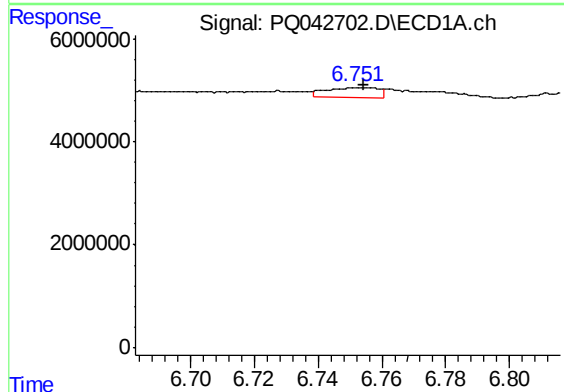
R.T.: 0.000 min
Exp R.T.: 6.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETQ27



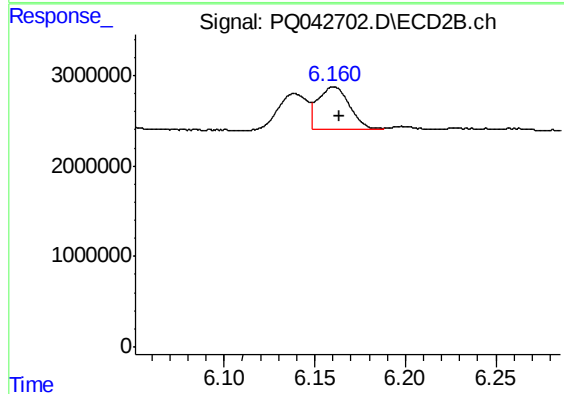
#11 AR-1232-1

R.T.: 5.271 min
Delta R.T.: 0.053 min
Response: 2123124
Conc: 31.52 ng/ml



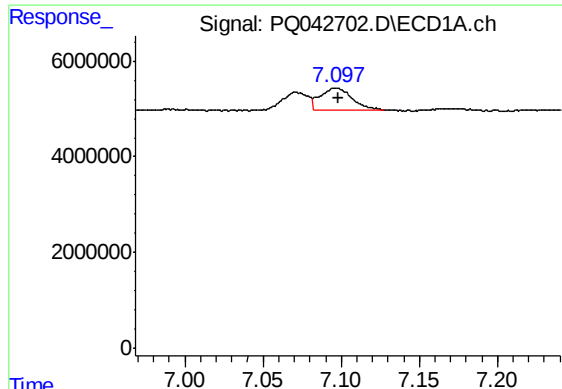
#12 AR-1232-2

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 2184113
Conc: 59.34 ng/ml



#12 AR-1232-2

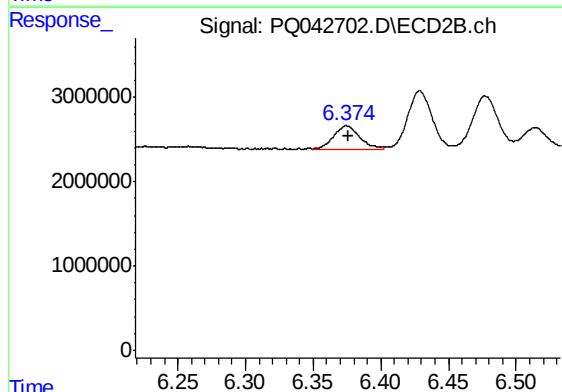
R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 5692047
Conc: 74.51 ng/ml



#13 AR-1232-3

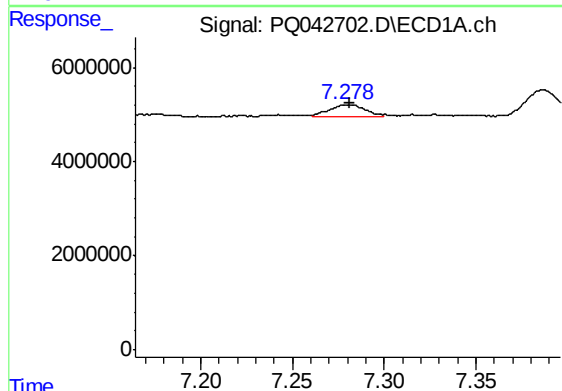
R.T.: 7.097 min
Delta R.T.: -0.001 min
Response: 6781928
Conc: 81.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



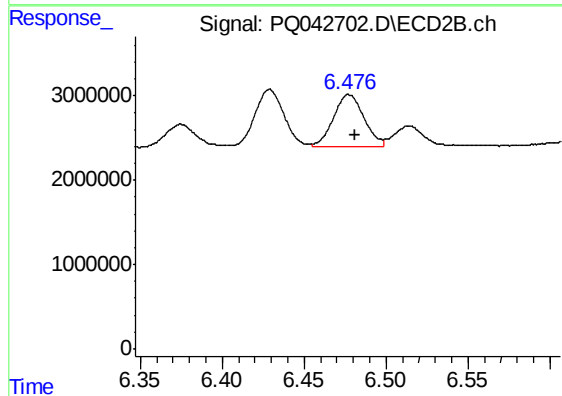
#13 AR-1232-3

R.T.: 6.374 min
Delta R.T.: -0.002 min
Response: 3597365
Conc: 88.66 ng/ml



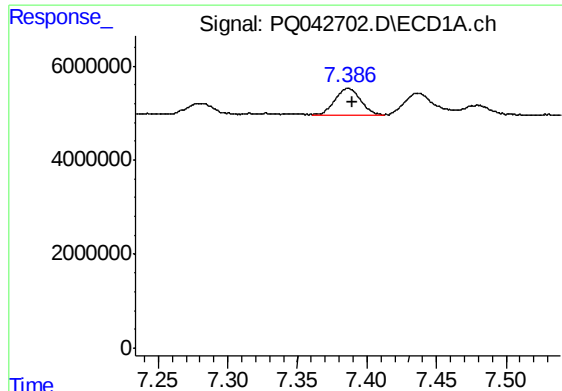
#14 AR-1232-4

R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 3278277
Conc: 80.40 ng/ml



#14 AR-1232-4

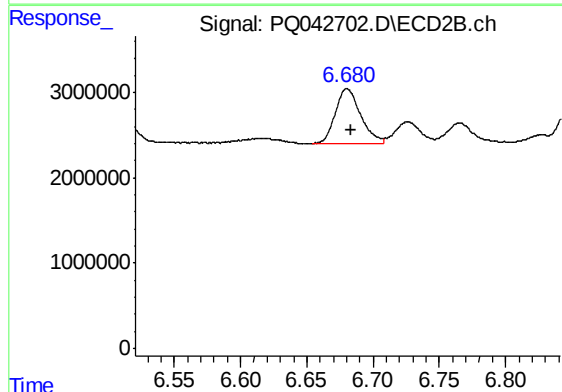
R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 8110522
Conc: 203.87 ng/ml



#15 AR-1232-5

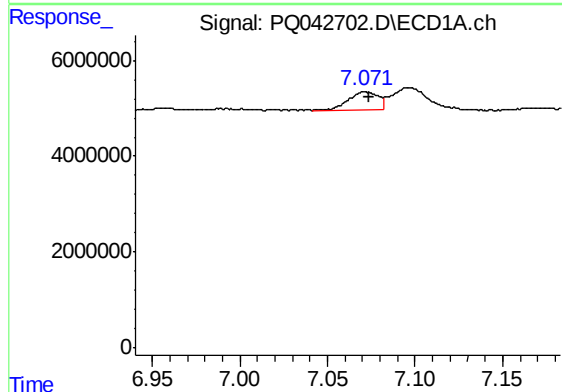
R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 7091313
Conc: 289.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



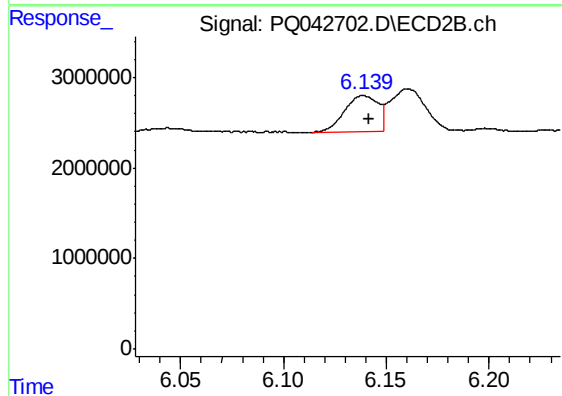
#15 AR-1232-5

R.T.: 6.680 min
Delta R.T.: -0.003 min
Response: 8520011
Conc: 214.85 ng/ml



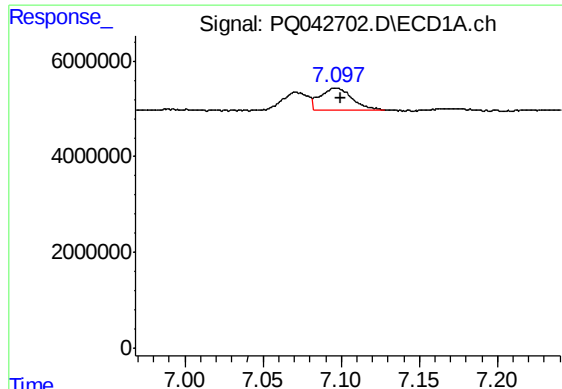
#16 AR-1242-1

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 4505528
Conc: 43.17 ng/ml



#16 AR-1242-1

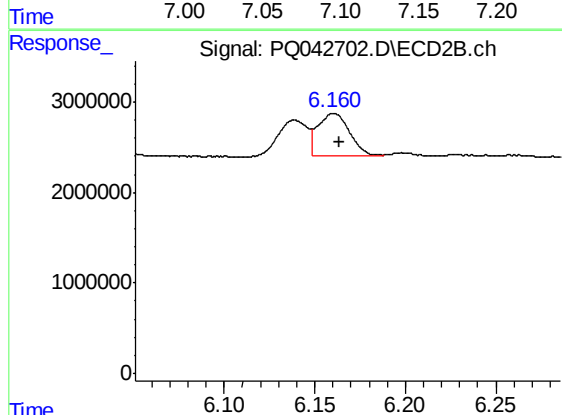
R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 4624692
Conc: 44.77 ng/ml



#17 AR-1242-2

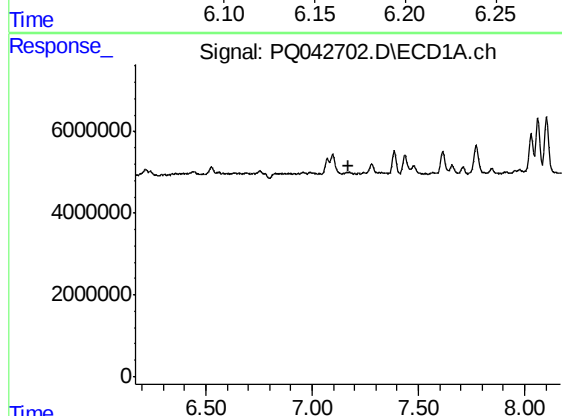
R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 6781928
Conc: 44.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



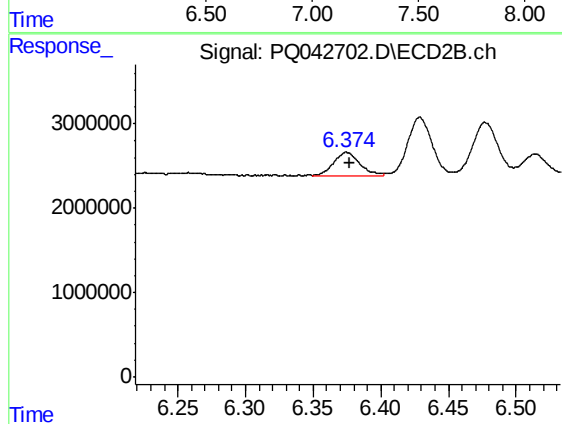
#17 AR-1242-2

R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 5692047
Conc: 40.17 ng/ml



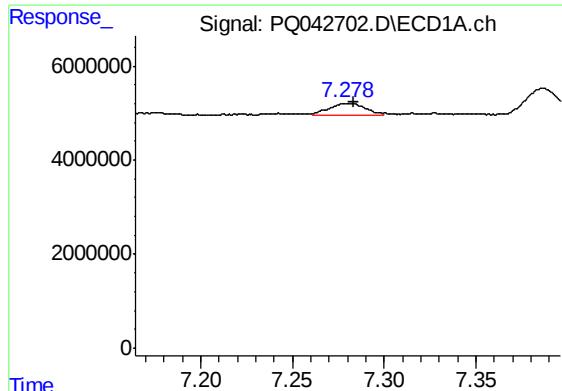
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.169 min
Response: 0
Conc: N.D.



#18 AR-1242-3

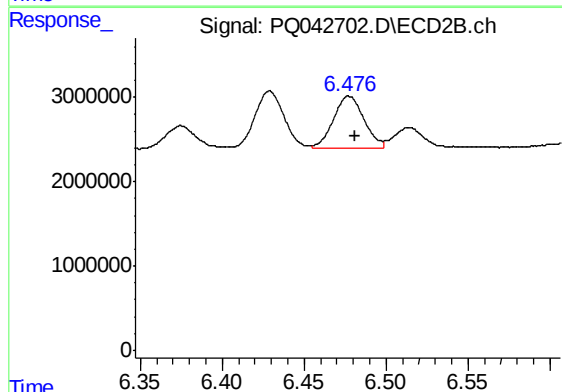
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 3597365
Conc: 47.53 ng/ml



#19 AR-1242-4

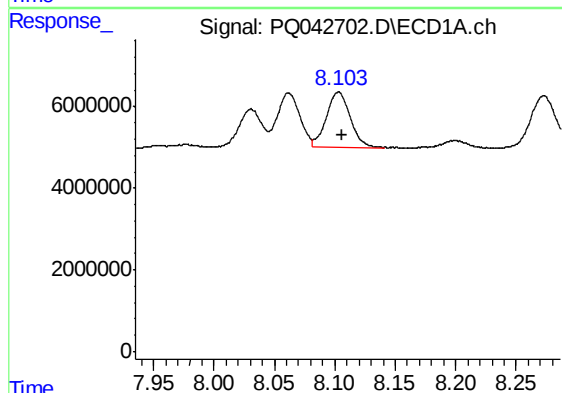
R.T.: 7.279 min
Delta R.T.: -0.005 min
Response: 3278277
Conc: 42.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



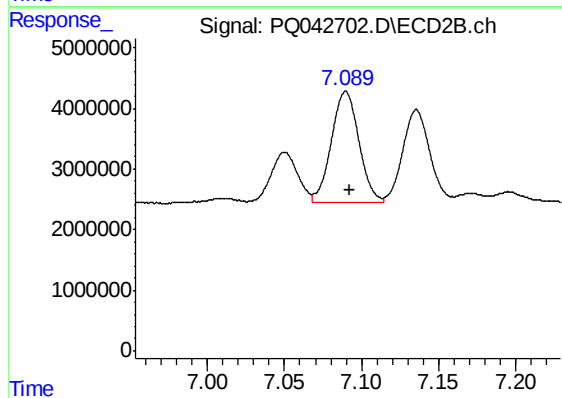
#19 AR-1242-4

R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 8110522
Conc: 105.92 ng/ml



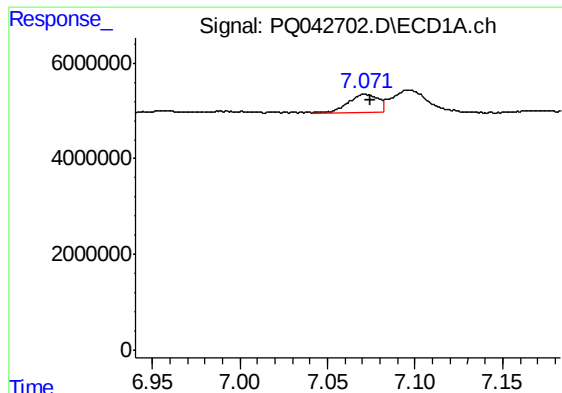
#20 AR-1242-5

R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 18641766
Conc: 197.57 ng/ml



#20 AR-1242-5

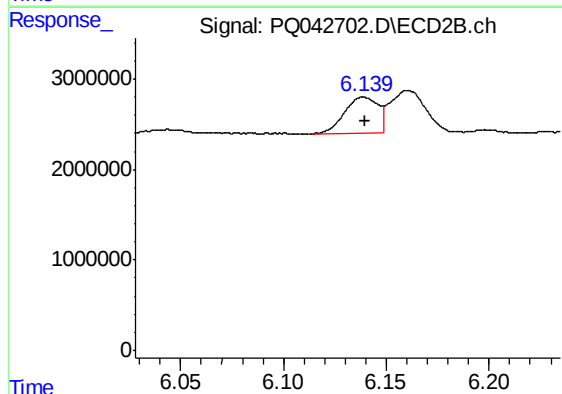
R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 22819361
Conc: 203.57 ng/ml



#21 AR-1248-1

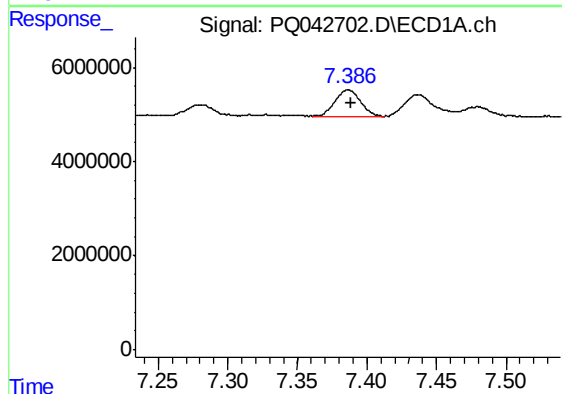
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 4505528
Conc: 54.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



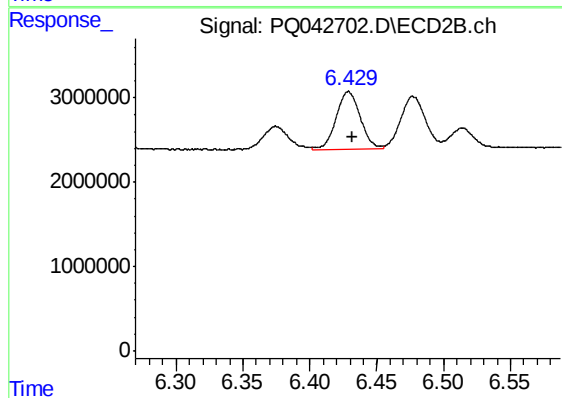
#21 AR-1248-1

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 4624692
Conc: 56.26 ng/ml



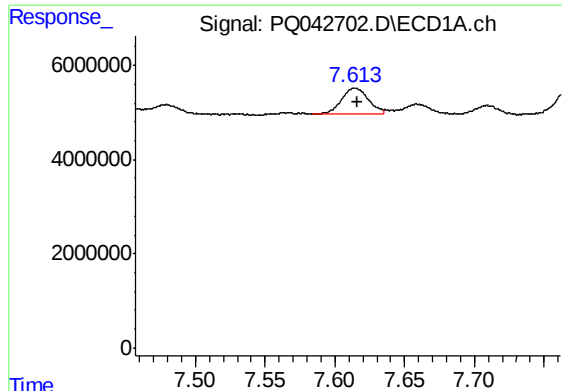
#22 AR-1248-2

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 7091313
Conc: 69.43 ng/ml



#22 AR-1248-2

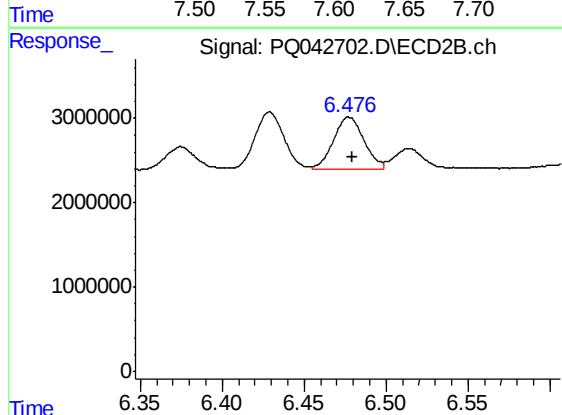
R.T.: 6.429 min
Delta R.T.: -0.003 min
Response: 8596607
Conc: 78.03 ng/ml



#23 AR-1248-3

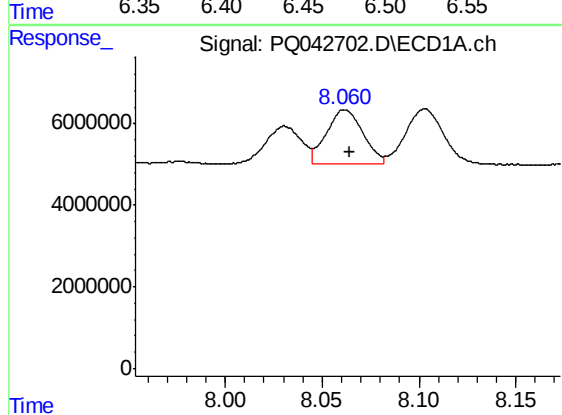
R.T.: 7.614 min
Delta R.T.: -0.003 min
Response: 7680097
Conc: 60.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



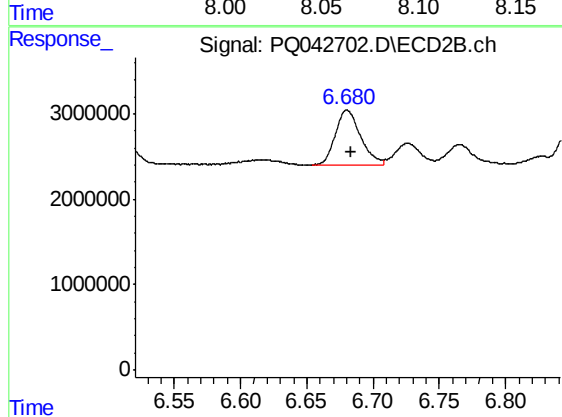
#23 AR-1248-3

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 8110522
Conc: 71.97 ng/ml



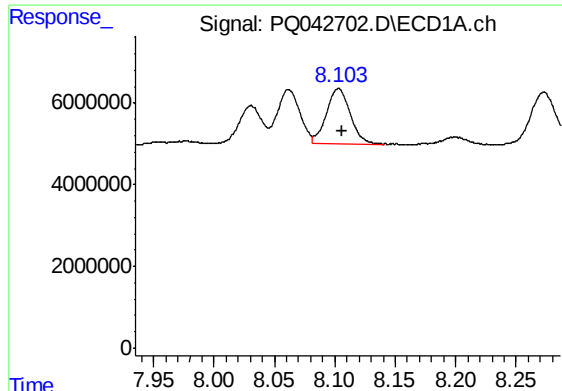
#24 AR-1248-4

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 17321208
Conc: 104.49 ng/ml



#24 AR-1248-4

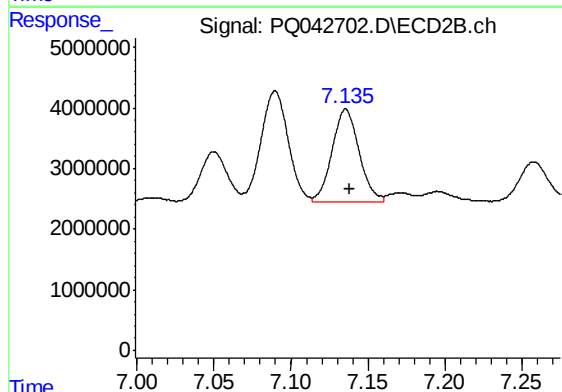
R.T.: 6.680 min
Delta R.T.: -0.003 min
Response: 8520011
Conc: 62.36 ng/ml



#25 AR-1248-5

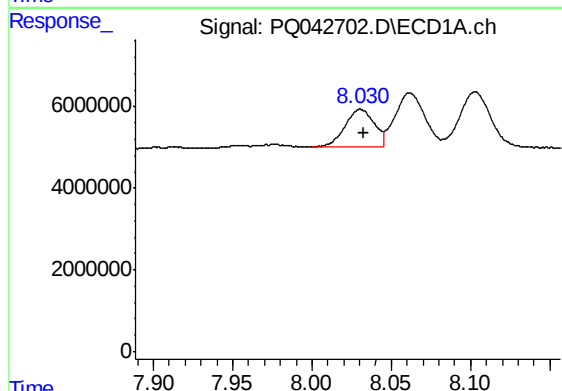
R.T.: 8.103 min
Delta R.T.: -0.002 min
Response: 18641766
Conc: 117.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



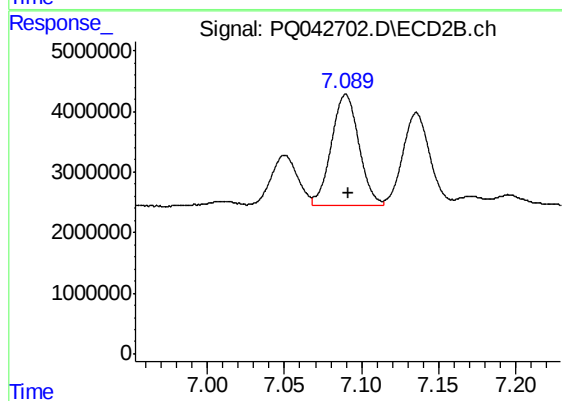
#25 AR-1248-5

R.T.: 7.136 min
Delta R.T.: -0.003 min
Response: 18643509
Conc: 118.43 ng/ml



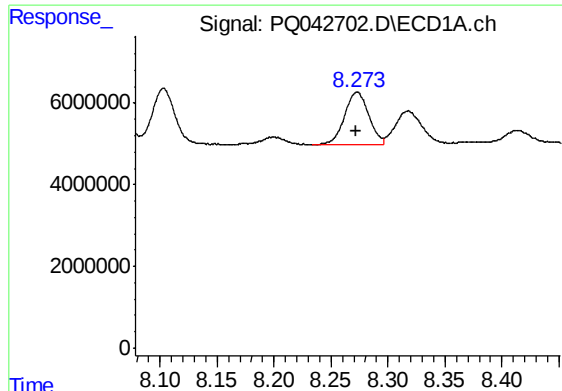
#26 AR-1254-1

R.T.: 8.030 min
Delta R.T.: -0.003 min
Response: 11677924
Conc: 79.59 ng/ml



#26 AR-1254-1

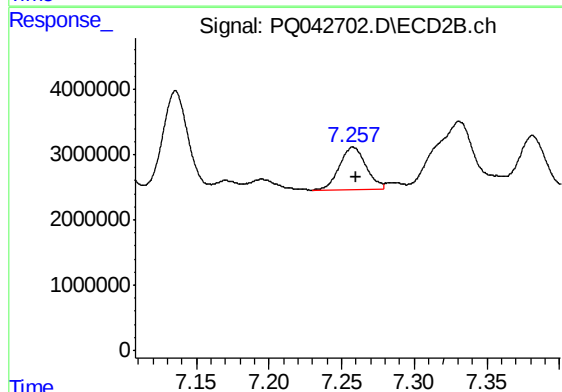
R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 22819361
Conc: 101.13 ng/ml



#27 AR-1254-2

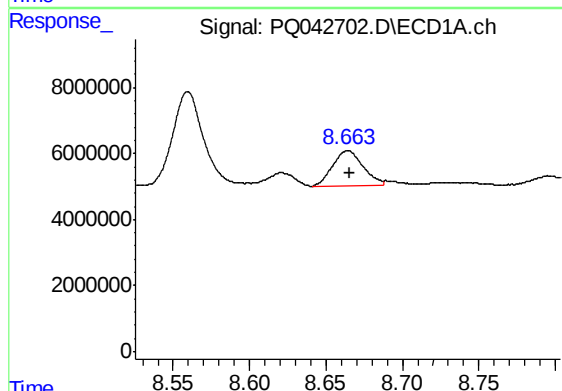
R.T.: 8.273 min
Delta R.T.: 0.001 min
Response: 18820326
Conc: 78.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



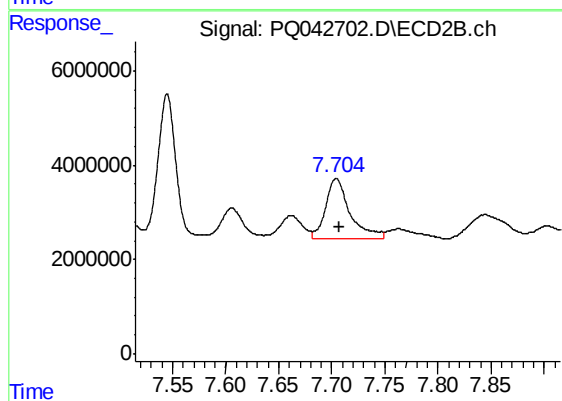
#27 AR-1254-2

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 8408447
Conc: 41.58 ng/ml



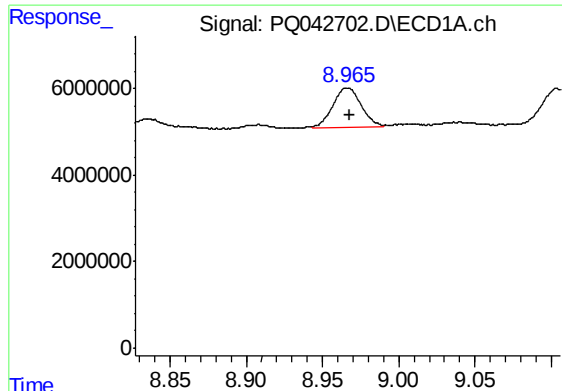
#28 AR-1254-3

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 14710081
Conc: 51.60 ng/ml



#28 AR-1254-3

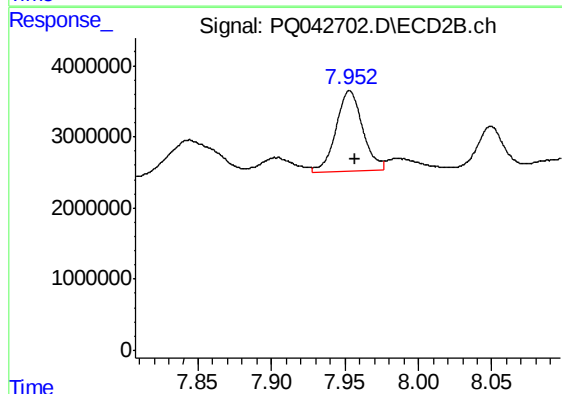
R.T.: 7.704 min
Delta R.T.: -0.003 min
Response: 20662420
Conc: 58.68 ng/ml



#29 AR-1254-4

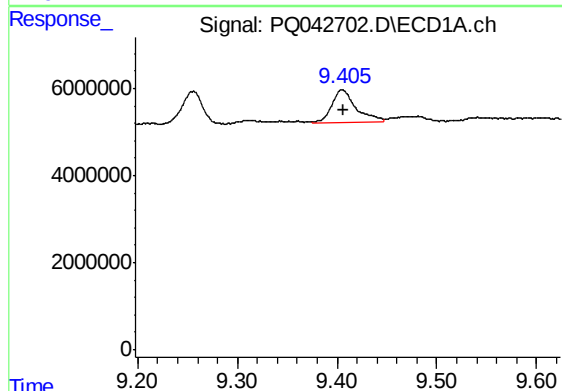
R.T.: 8.966 min
Delta R.T.: -0.002 min
Response: 11517939
Conc: 48.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



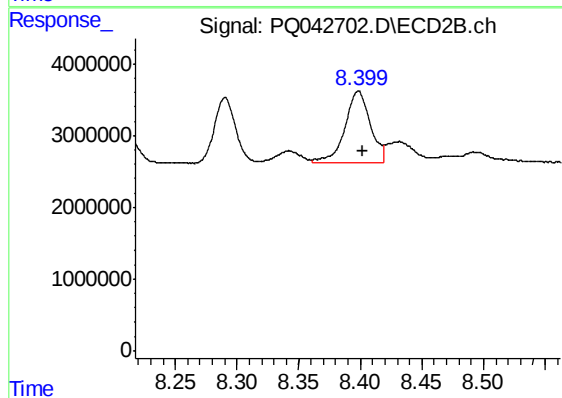
#29 AR-1254-4

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 14349864
Conc: 55.92 ng/ml



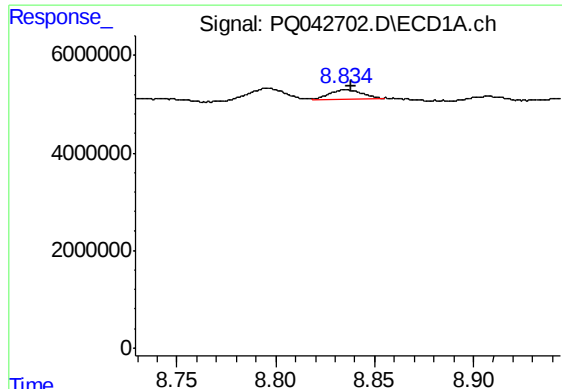
#30 AR-1254-5

R.T.: 9.405 min
Delta R.T.: -0.001 min
Response: 12920319
Conc: 50.04 ng/ml



#30 AR-1254-5

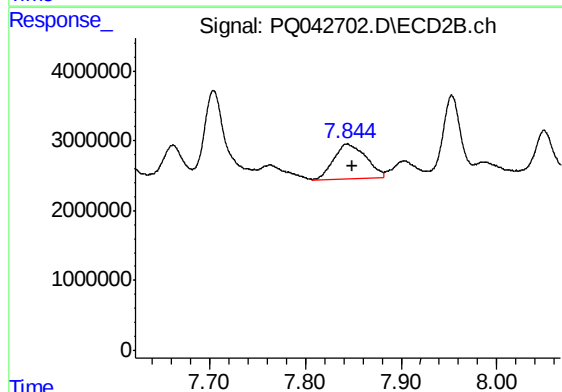
R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 14400356
Conc: 39.63 ng/ml



#31 AR-1260-1

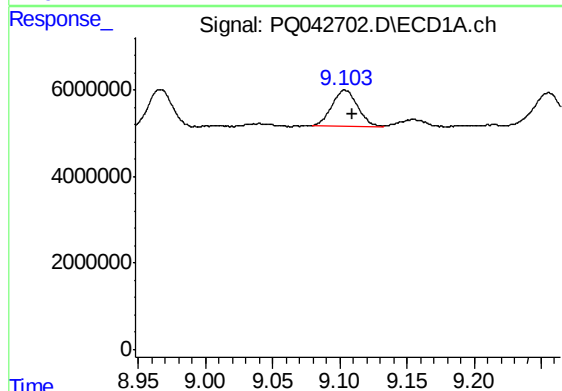
R.T.: 8.835 min
Delta R.T.: -0.003 min
Response: 2288491
Conc: 12.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



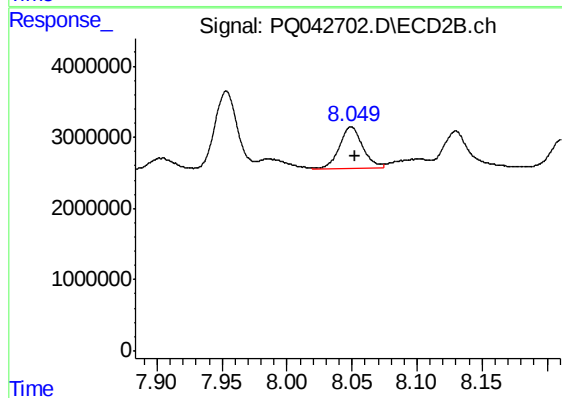
#31 AR-1260-1

R.T.: 7.845 min
Delta R.T.: -0.005 min
Response: 11302130
Conc: 55.39 ng/ml



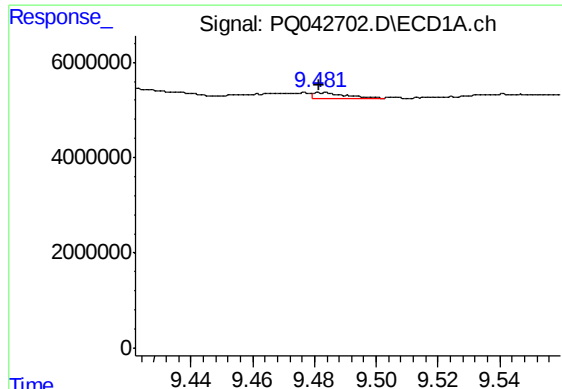
#32 AR-1260-2

R.T.: 9.103 min
Delta R.T.: -0.006 min
Response: 11178688
Conc: 46.51 ng/ml



#32 AR-1260-2

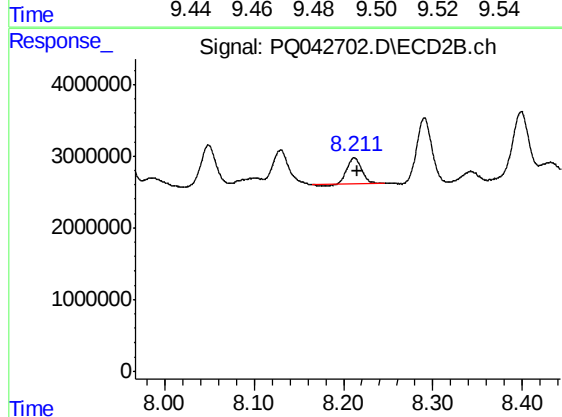
R.T.: 8.049 min
Delta R.T.: -0.003 min
Response: 7379463
Conc: 27.55 ng/ml



#33 AR-1260-3

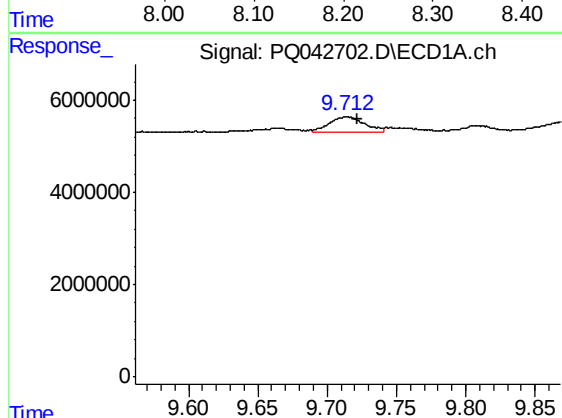
R.T.: 9.481 min
Delta R.T.: 0.000 min
Response: 949125
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



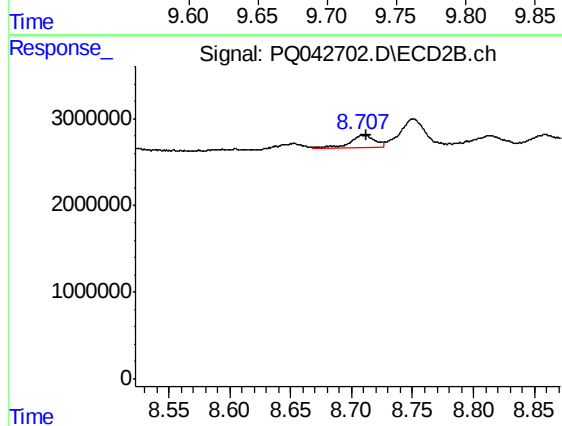
#33 AR-1260-3

R.T.: 8.212 min
Delta R.T.: -0.004 min
Response: 4120351
Conc: 17.29 ng/ml



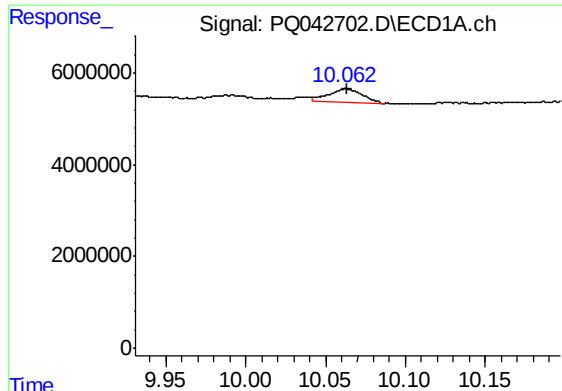
#34 AR-1260-4

R.T.: 9.713 min
Delta R.T.: -0.009 min
Response: 5884638
Conc: 24.23 ng/ml



#34 AR-1260-4

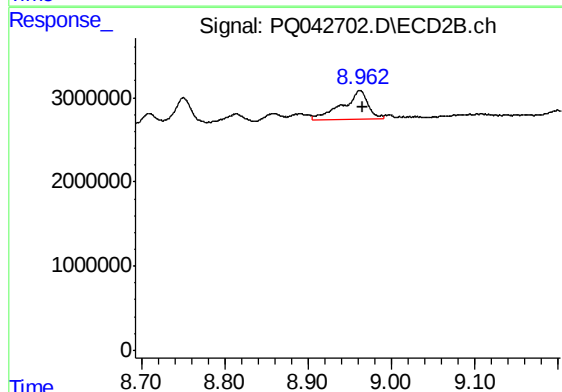
R.T.: 8.710 min
Delta R.T.: -0.003 min
Response: 2106114
Conc: 9.29 ng/ml



#35 AR-1260-5

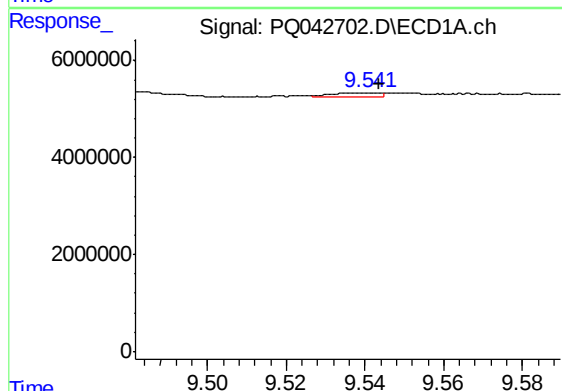
R.T.: 10.063 min
Delta R.T.: 0.000 min
Response: 4154120
Conc: 7.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



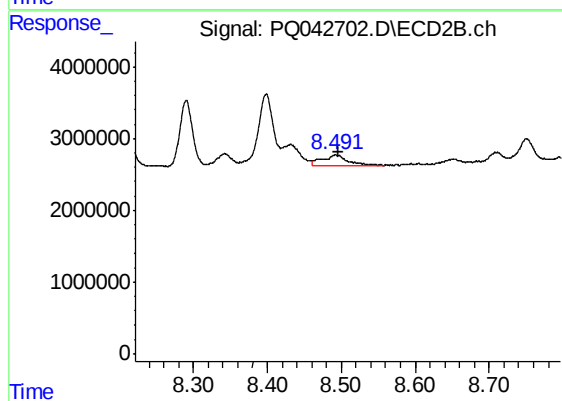
#35 AR-1260-5

R.T.: 8.962 min
Delta R.T.: -0.002 min
Response: 7348329
Conc: 11.80 ng/ml



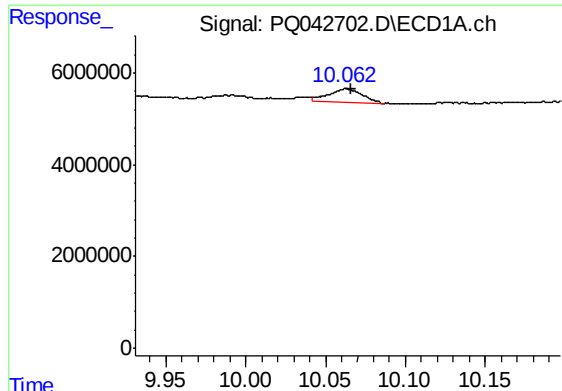
#36 AR-1262-1

R.T.: 9.541 min
Delta R.T.: -0.002 min
Response: 663634
Conc: 4.60 ng/ml



#36 AR-1262-1

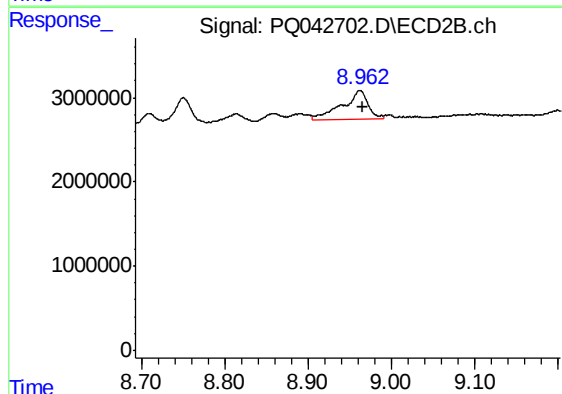
R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 3524318
Conc: 20.59 ng/ml



#37 AR-1262-2

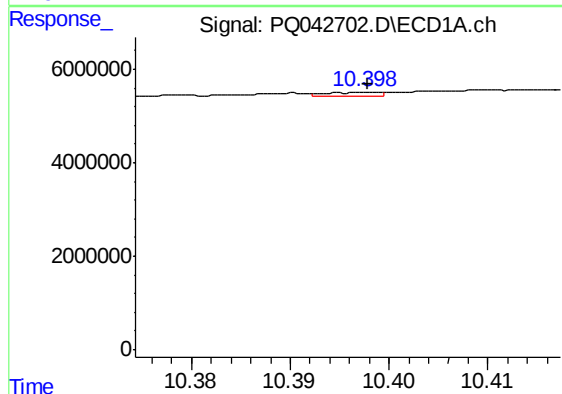
R.T.: 10.063 min
Delta R.T.: -0.004 min
Response: 4154120
Conc: 5.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



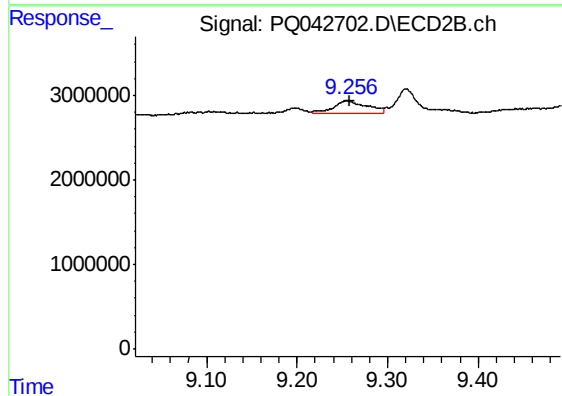
#37 AR-1262-2

R.T.: 8.962 min
Delta R.T.: -0.004 min
Response: 7348329
Conc: 8.80 ng/ml



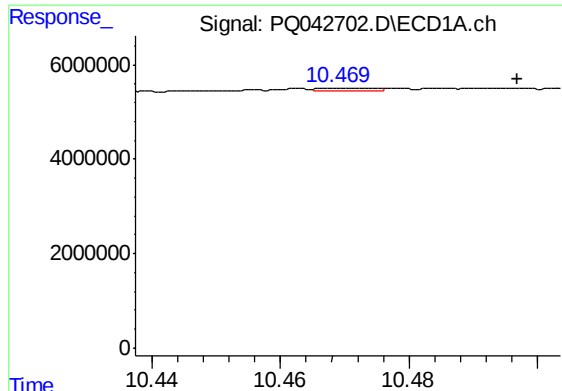
#38 AR-1262-3

R.T.: 10.398 min
Delta R.T.: 0.000 min
Response: 328787
Conc: 0.61 ng/ml



#38 AR-1262-3

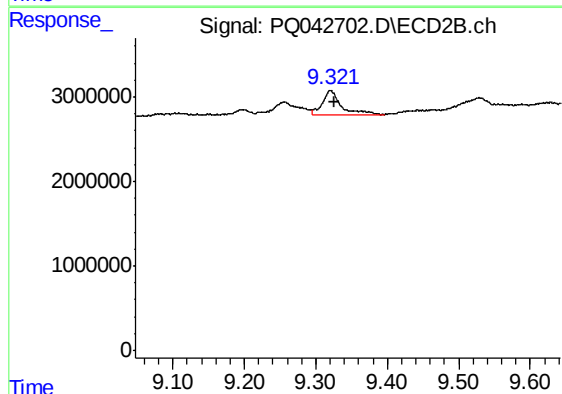
R.T.: 9.255 min
Delta R.T.: -0.003 min
Response: 4020903
Conc: 11.31 ng/ml



#39 AR-1262-4

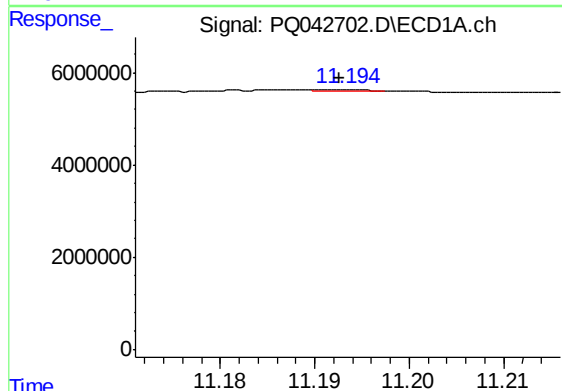
R.T.: 10.470 min
Delta R.T.: -0.027 min
Response: 403207
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



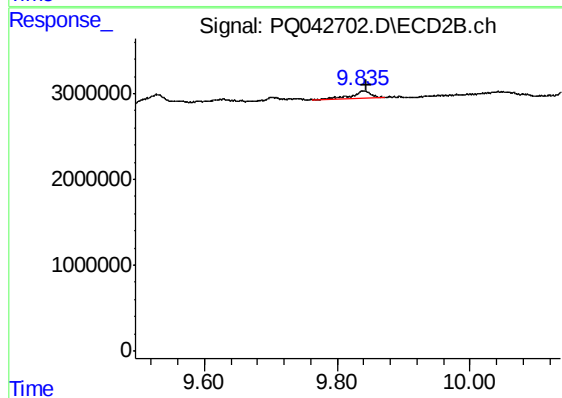
#39 AR-1262-4

R.T.: 9.321 min
Delta R.T.: -0.005 min
Response: 5307516
Conc: 8.23 ng/ml



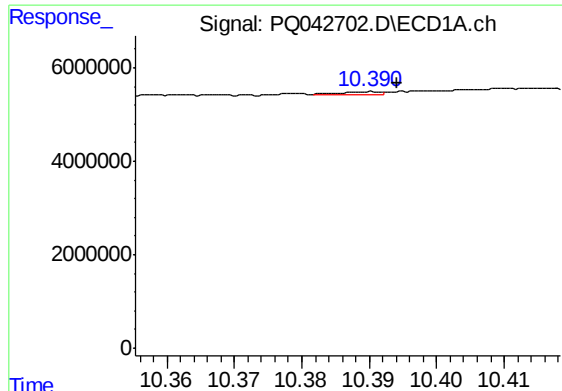
#40 AR-1262-5

R.T.: 11.194 min
Delta R.T.: 0.001 min
Response: 96648
Conc: 0.28 ng/ml



#40 AR-1262-5

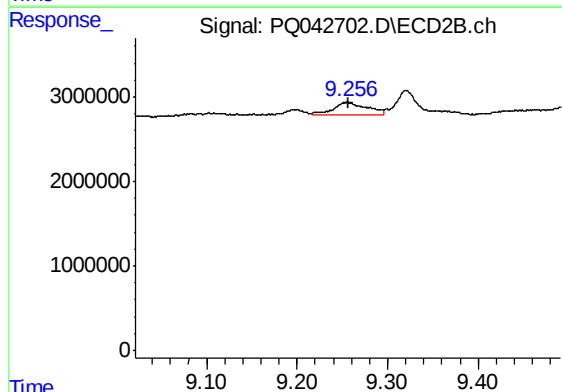
R.T.: 9.839 min
Delta R.T.: -0.004 min
Response: 1688346
Conc: 5.34 ng/ml



#41 AR-1268-1

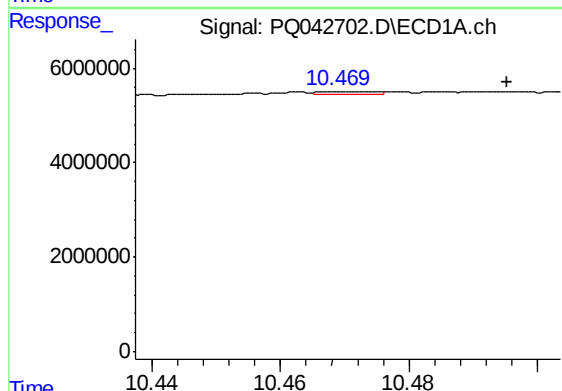
R.T.: 10.390 min
Delta R.T.: -0.004 min
Response: 310725
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



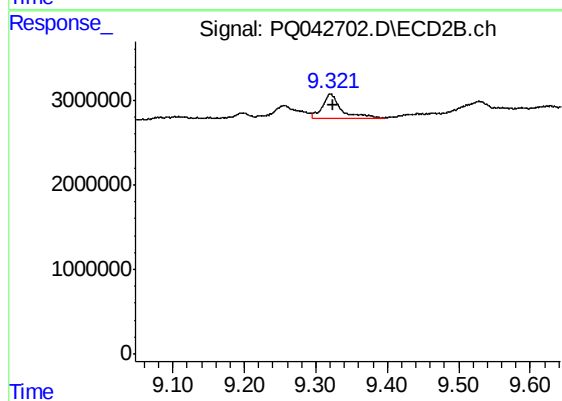
#41 AR-1268-1

R.T.: 9.255 min
Delta R.T.: -0.002 min
Response: 4020903
Conc: 4.01 ng/ml



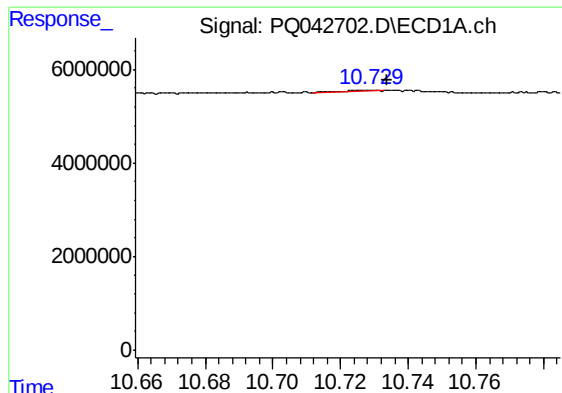
#42 AR-1268-2

R.T.: 10.470 min
Delta R.T.: -0.026 min
Response: 403207
Conc: 0.43 ng/ml



#42 AR-1268-2

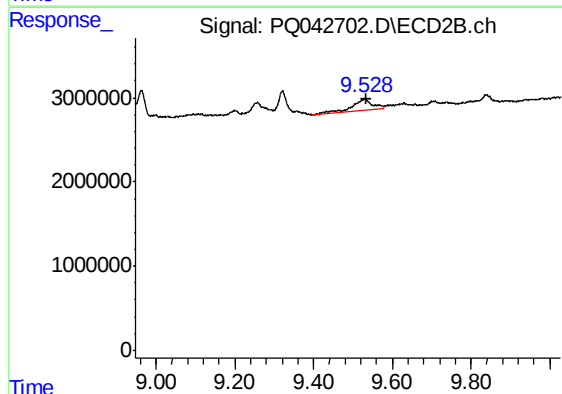
R.T.: 9.321 min
Delta R.T.: -0.005 min
Response: 5307516
Conc: 5.65 ng/ml



#43 AR-1268-3

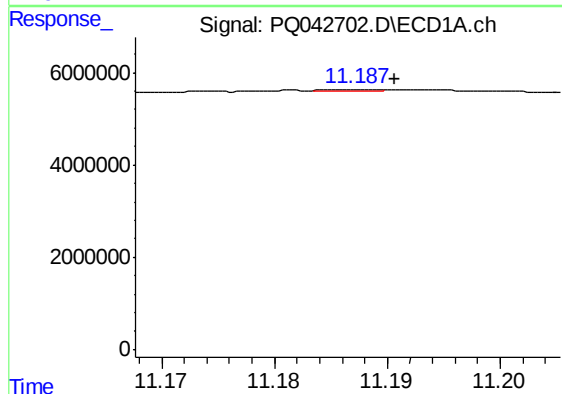
R.T.: 10.727 min
Delta R.T.: -0.007 min
Response: 206509
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



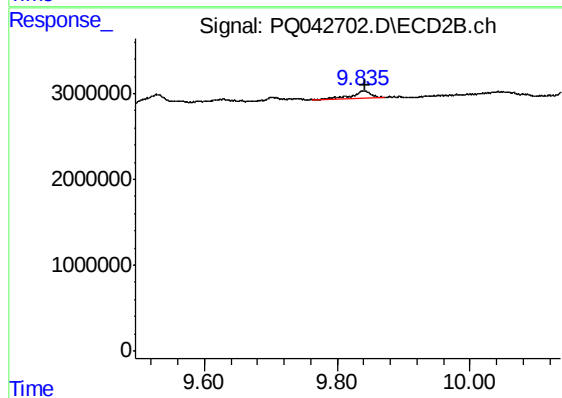
#43 AR-1268-3

R.T.: 9.529 min
Delta R.T.: -0.007 min
Response: 5347434
Conc: 6.71 ng/ml



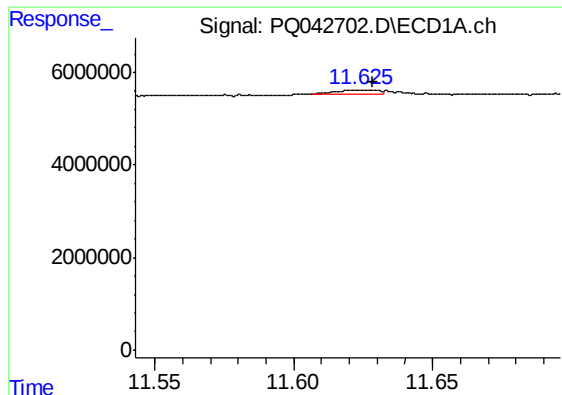
#44 AR-1268-4

R.T.: 11.188 min
Delta R.T.: -0.003 min
Response: 108455
Conc: 0.29 ng/ml



#44 AR-1268-4

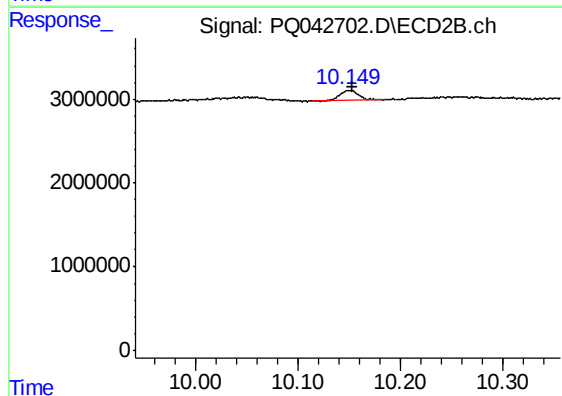
R.T.: 9.839 min
Delta R.T.: -0.003 min
Response: 1688346
Conc: 4.93 ng/ml



#45 AR-1268-5

R.T.: 11.625 min
Delta R.T.: -0.004 min
Response: 932765
Conc: 0.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ27



#45 AR-1268-5

R.T.: 10.150 min
Delta R.T.: -0.004 min
Response: 1540797
Conc: 0.60 ng/ml