

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041670.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 13:32
 Operator : SM\AJ
 Sample : K4022-02DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETNJ0DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 23:08:07 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...	5.704	4.762	12723272	10066977	3.324	3.349
2)	SA Decachlor...	12.104	10.519	52638571	28899830	5.089	6.342
Target Compounds							
3)	L1 AR-1016-1	7.174	6.216	144.5E6	19871406	828.156	135.815 #
4)	L1 AR-1016-2	7.174	6.237	144.5E6	97355872	548.077	467.738
5)	L1 AR-1016-3	7.253	6.451	9424018	50979985	58.254	451.526 #
6)	L1 AR-1016-4	7.356	6.505	57321135	112.9E6	425.329	1238.344 #
7)	L1 AR-1016-5	7.691	6.757	162.7E6	153.8E6	1222.687	1279.571
12)	L3 AR-1232-2	6.832	6.237	19324446	97355872	391.344	1042.126 #
13)	L3 AR-1232-3	7.174	6.451	144.5E6	50979985	1277.067	1059.147
14)	L3 AR-1232-4	7.356	6.553	57321135	112.0E6	969.770	2598.519 #
15)	L3 AR-1232-5	7.462	6.757	129.2E6	153.8E6	3500.165	3179.131
16)	L4 AR-1242-1	7.174	6.216	144.5E6	19871406	1153.928	188.286 #
17)	L4 AR-1242-2	7.174	6.237	144.5E6	97355872	759.003	627.832
18)	L4 AR-1242-3	7.253	6.451	9424018	50979985	79.707	610.885 #
19)	L4 AR-1242-4	7.356	6.553	57321135	112.0E6	584.803	1375.500 #
20)	L4 AR-1242-5	8.179	7.166	216.4E6	172.0E6	1632.137	1377.583
21)	L5 AR-1248-1	7.174	6.216	144.5E6	19871406	1558.241	247.409 #
22)	L5 AR-1248-2	7.462	6.505	129.2E6	112.9E6	1049.693	1007.847
23)	L5 AR-1248-3	7.691	6.553	162.7E6	112.0E6	1036.090	970.603
24)	L5 AR-1248-4	8.138	6.757	145.4E6	153.8E6	672.985	1062.338 #
25)	L5 AR-1248-5	8.179	7.212	216.4E6	186.4E6	1016.078	1107.891
26)	L6 AR-1254-1	8.107	7.166	136.8E6	172.0E6	675.107	676.208
27)	L6 AR-1254-2	8.350	7.333	189.3E6	59778674	548.089	261.285 #
28)	L6 AR-1254-3	8.739	7.781	94355917	93652384	227.701	230.734
29)	L6 AR-1254-4	9.042	8.030	65273429	60072309	180.350	219.891
30)	L6 AR-1254-5	9.482	8.475	44946140	35772560	111.937	89.594
31)	L7 AR-1260-1	8.912	7.938	16027302	47762318	53.051	179.588 #
32)	L7 AR-1260-2	9.178	8.125	42474793	14592932	92.665	40.218 #
33)	L7 AR-1260-3	9.555	8.289	7880146	15059128	18.559	47.956 #
34)	L7 AR-1260-4	9.794	8.787	14643989	5852257	34.788	20.557 #
35)	L7 AR-1260-5	10.148	9.039	16922277	17389931	15.836	23.387 #
36)	L8 AR-1262-1	9.617	8.571	3689482	5363588	15.027	27.886 #
37)	L8 AR-1262-2	10.148	9.039	16922277	17389931	13.934	20.699 #
38)	L8 AR-1262-3	10.502	9.332	11724819	2596478	14.069	7.382 #
39)	L8 AR-1262-4	10.562	9.399	6437407	10208015	9.881	17.369 #
40)	L8 AR-1262-5	11.293	9.923	6151043	3916278	13.456	16.321
41)	L9 AR-1268-1	10.502	9.332	11724819	2596478	6.497	2.272 #
42)	L9 AR-1268-2	10.562	9.399	6437407	10208015	4.034	10.505 #
43)	L9 AR-1268-3	0.000	9.608	0	834926	N.D.	1.046 #
44)	L9 AR-1268-4	11.293	9.923	6151043	3916278	10.836	12.762
45)	L9 AR-1268-5	0.000	10.240	0	1852506	N.D.	0.938 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 13:32
Operator : SM\AJ
Sample : K4022-02DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

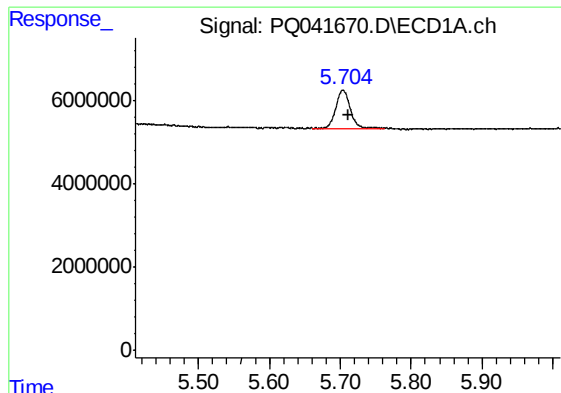
Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:08:07 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
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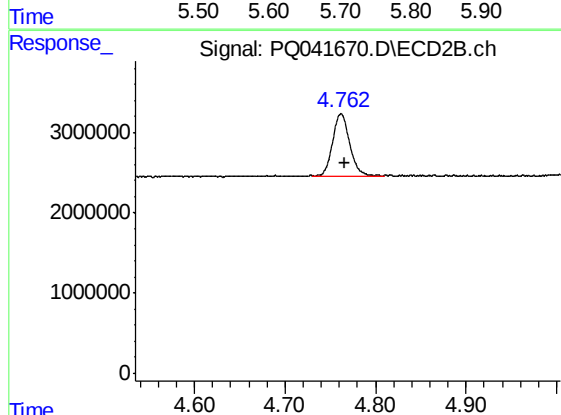
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

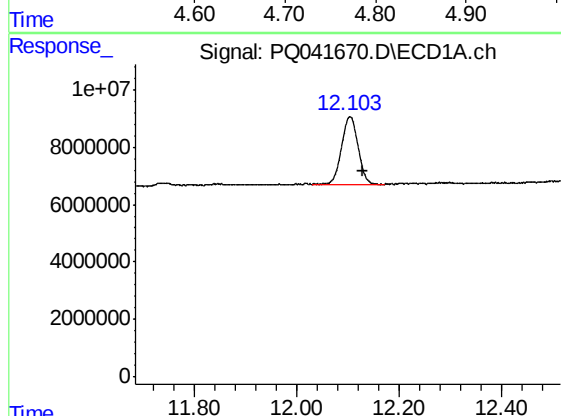
R.T.: 5.704 min
Delta R.T.: -0.008 min
Response: 12723272
Conc: 3.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



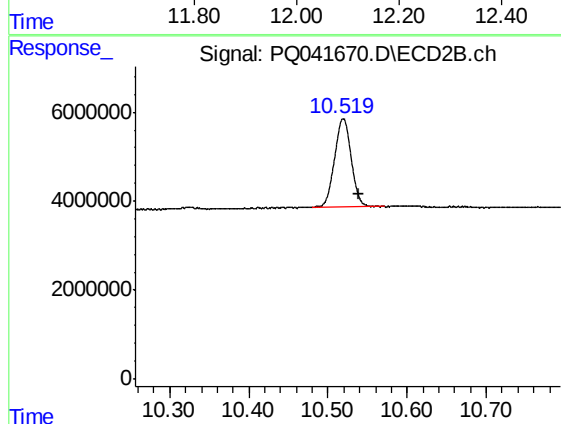
#1 Tetrachloro-m-xylene

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 10066977
Conc: 3.35 ng/ml



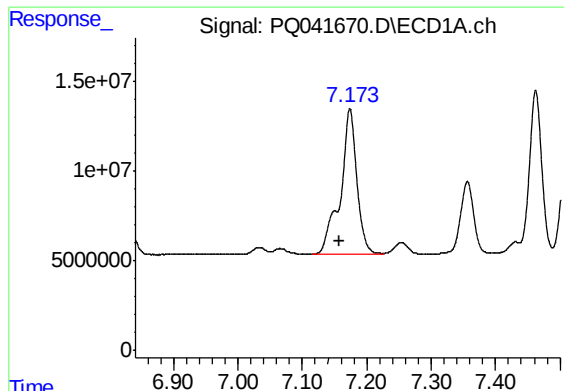
#2 Decachlorobiphenyl

R.T.: 12.104 min
Delta R.T.: -0.025 min
Response: 52638571
Conc: 5.09 ng/ml



#2 Decachlorobiphenyl

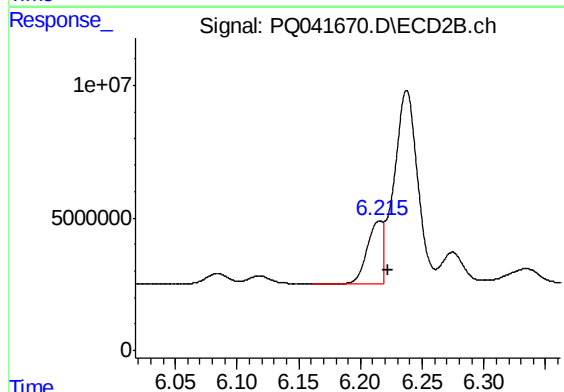
R.T.: 10.519 min
Delta R.T.: -0.020 min
Response: 28899830
Conc: 6.34 ng/ml



#3 AR-1016-1

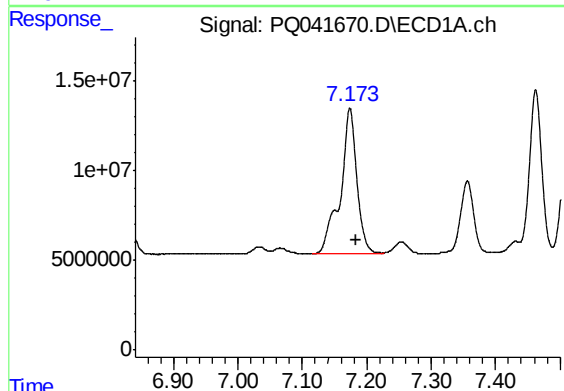
R.T.: 7.174 min
Delta R.T.: 0.016 min
Response: 144539848
Conc: 828.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



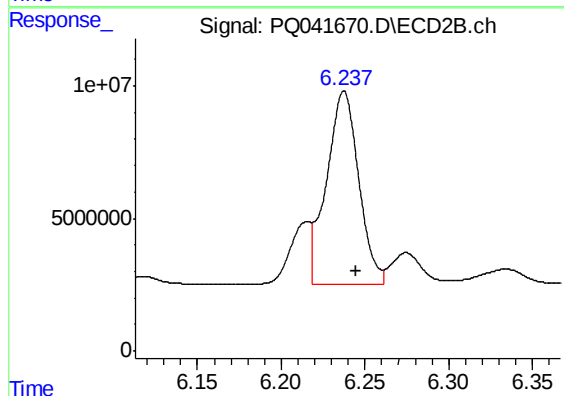
#3 AR-1016-1

R.T.: 6.216 min
Delta R.T.: -0.007 min
Response: 19871406
Conc: 135.81 ng/ml



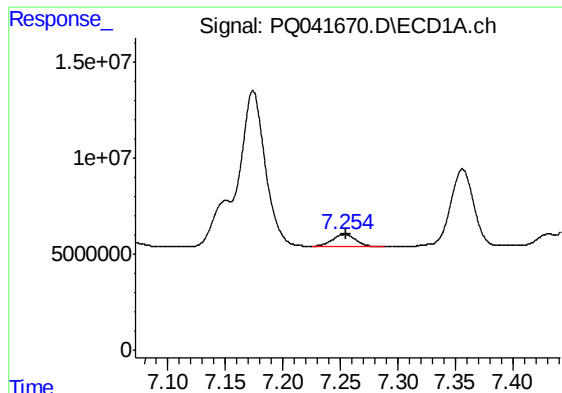
#4 AR-1016-2

R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 144539848
Conc: 548.08 ng/ml



#4 AR-1016-2

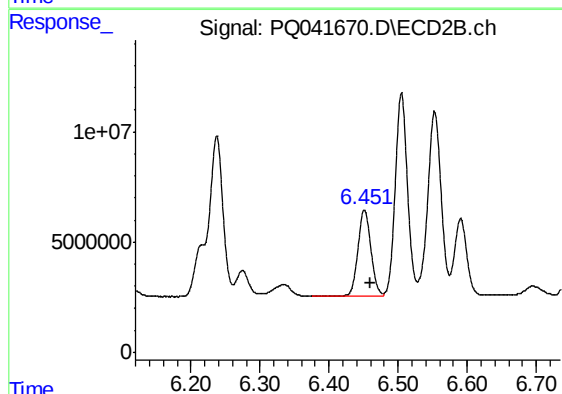
R.T.: 6.237 min
Delta R.T.: -0.007 min
Response: 97355872
Conc: 467.74 ng/ml



#5 AR-1016-3

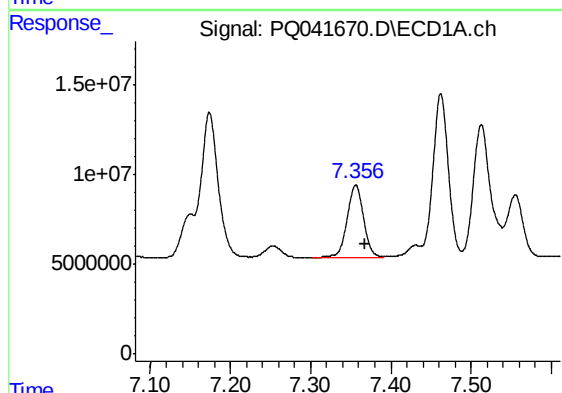
R.T.: 7.253 min
Delta R.T.: -0.001 min
Response: 9424018
Conc: 58.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



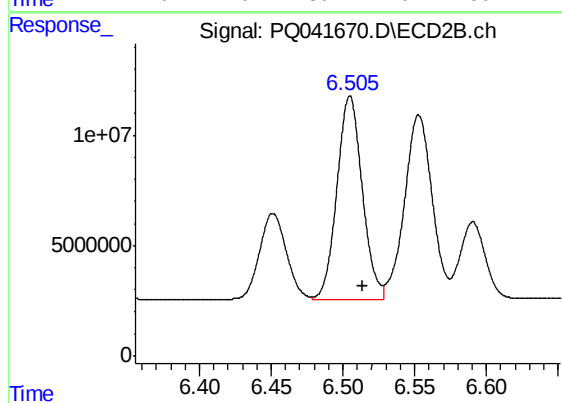
#5 AR-1016-3

R.T.: 6.451 min
Delta R.T.: -0.008 min
Response: 50979985
Conc: 451.53 ng/ml



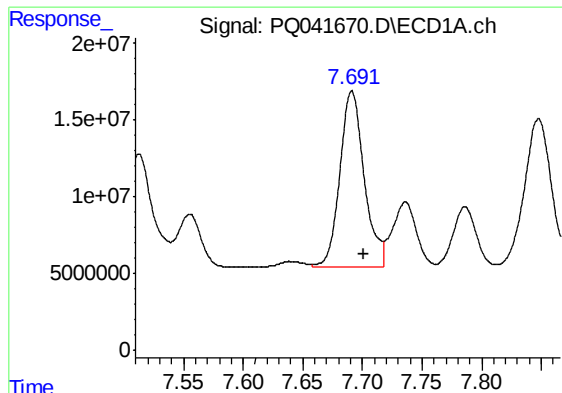
#6 AR-1016-4

R.T.: 7.356 min
Delta R.T.: -0.011 min
Response: 57321135
Conc: 425.33 ng/ml



#6 AR-1016-4

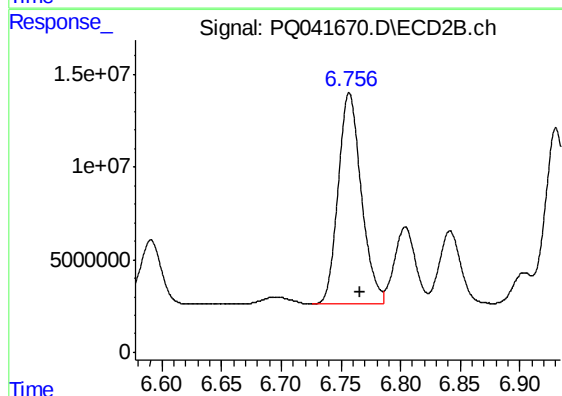
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 112893955
Conc: 1238.34 ng/ml



#7 AR-1016-5

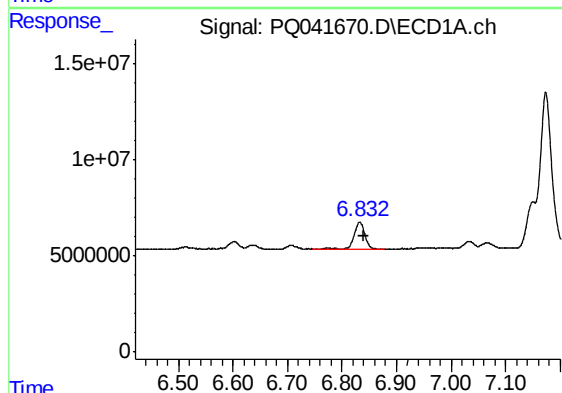
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 162702855
Conc: 1222.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



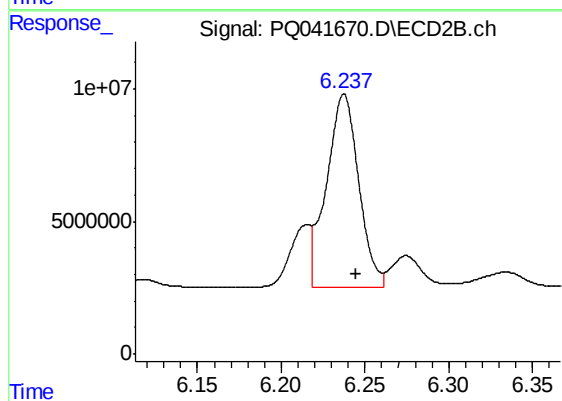
#7 AR-1016-5

R.T.: 6.757 min
Delta R.T.: -0.009 min
Response: 153779624
Conc: 1279.57 ng/ml



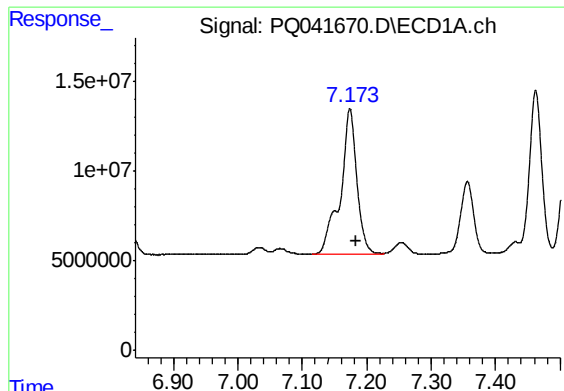
#12 AR-1232-2

R.T.: 6.832 min
Delta R.T.: -0.008 min
Response: 19324446
Conc: 391.34 ng/ml



#12 AR-1232-2

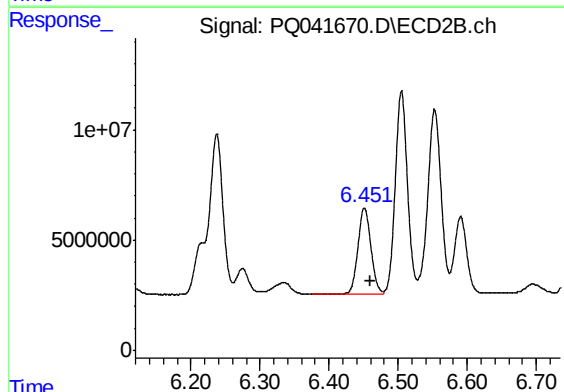
R.T.: 6.237 min
Delta R.T.: -0.008 min
Response: 97355872
Conc: 1042.13 ng/ml



#13 AR-1232-3

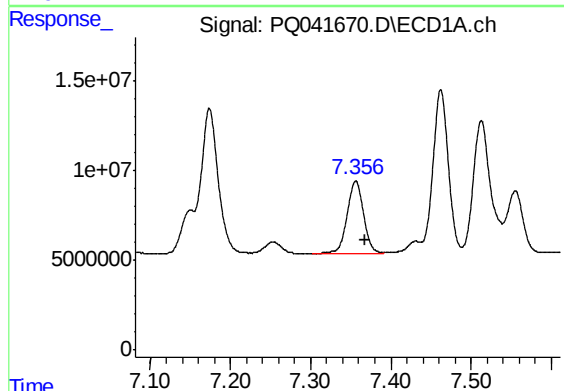
R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 144539848
Conc: 1277.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



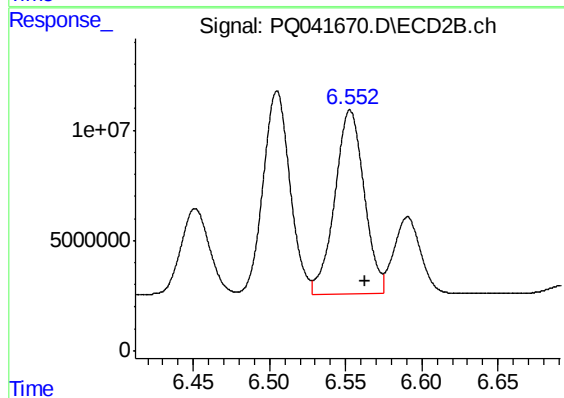
#13 AR-1232-3

R.T.: 6.451 min
Delta R.T.: -0.008 min
Response: 50979985
Conc: 1059.15 ng/ml



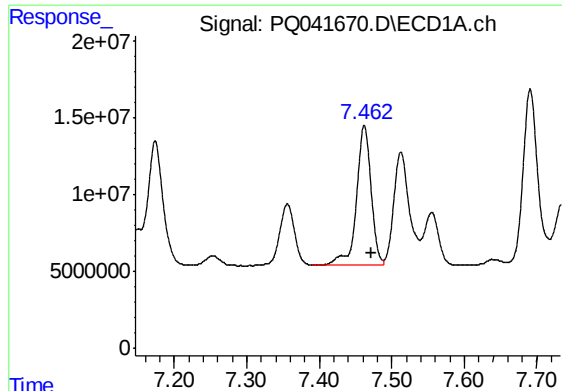
#14 AR-1232-4

R.T.: 7.356 min
Delta R.T.: -0.011 min
Response: 57321135
Conc: 969.77 ng/ml



#14 AR-1232-4

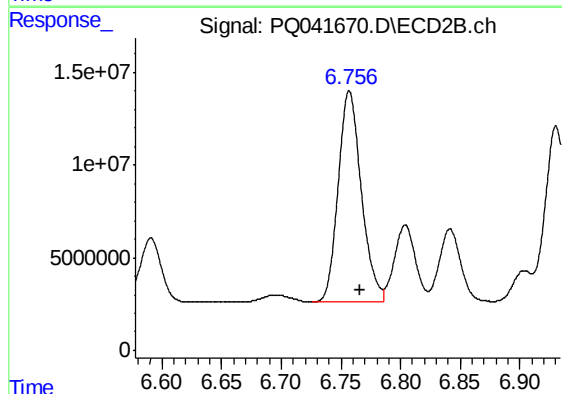
R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 112034298
Conc: 2598.52 ng/ml



#15 AR-1232-5

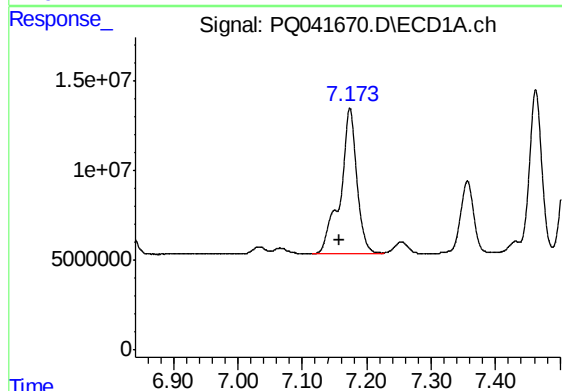
R.T.: 7.462 min
Delta R.T.: -0.010 min
Response: 129173219
Conc: 3500.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



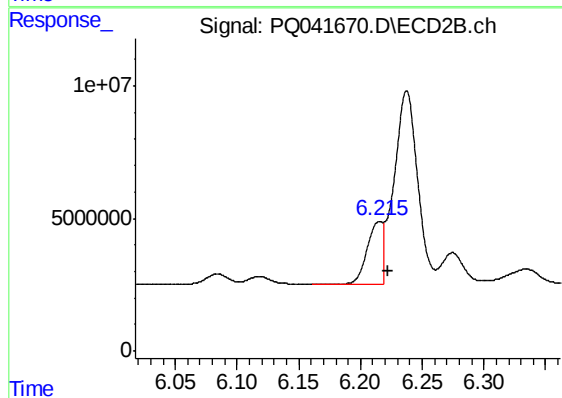
#15 AR-1232-5

R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 153779624
Conc: 3179.13 ng/ml



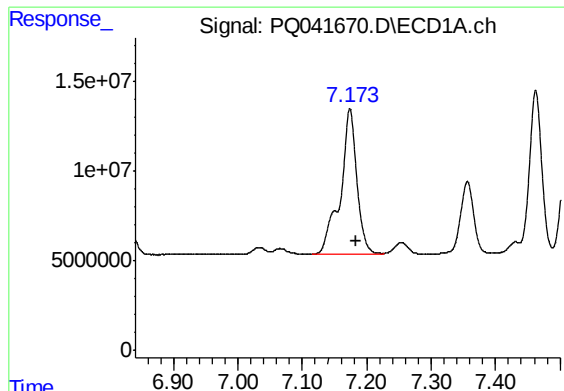
#16 AR-1242-1

R.T.: 7.174 min
Delta R.T.: 0.016 min
Response: 144539848
Conc: 1153.93 ng/ml



#16 AR-1242-1

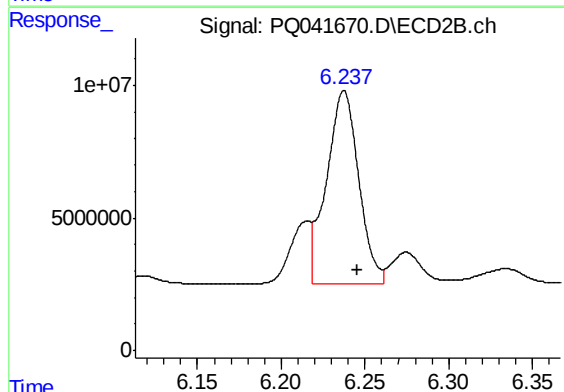
R.T.: 6.216 min
Delta R.T.: -0.007 min
Response: 19871406
Conc: 188.29 ng/ml



#17 AR-1242-2

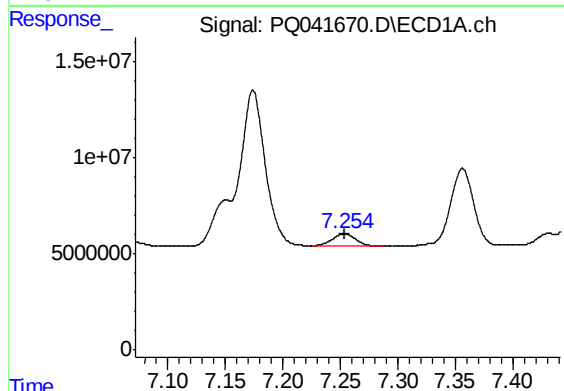
R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 144539848
Conc: 759.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



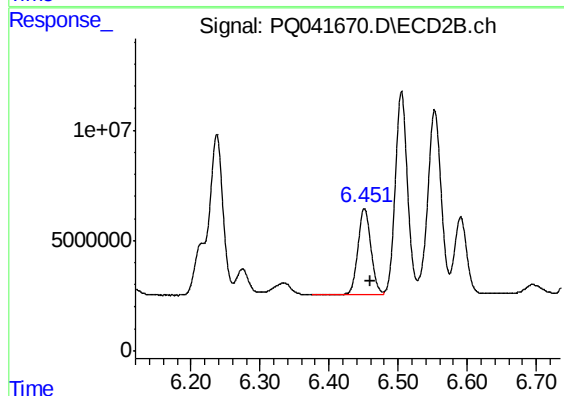
#17 AR-1242-2

R.T.: 6.237 min
Delta R.T.: -0.008 min
Response: 97355872
Conc: 627.83 ng/ml



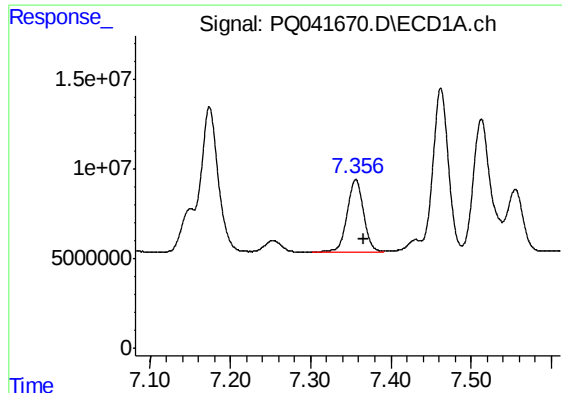
#18 AR-1242-3

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 9424018
Conc: 79.71 ng/ml



#18 AR-1242-3

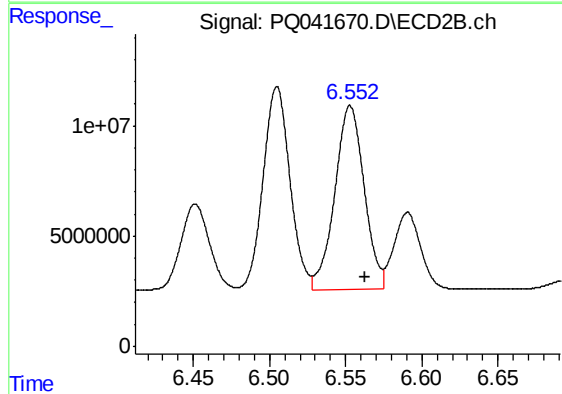
R.T.: 6.451 min
Delta R.T.: -0.008 min
Response: 50979985
Conc: 610.89 ng/ml



#19 AR-1242-4

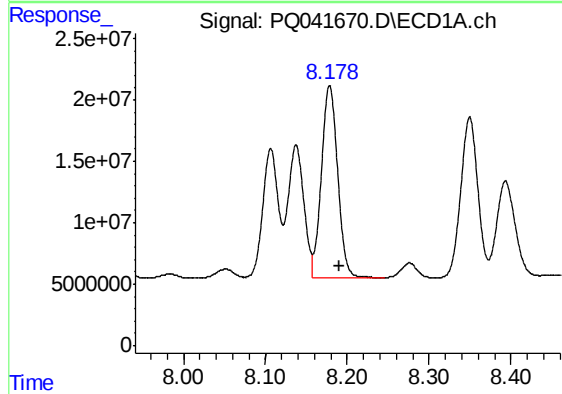
R.T.: 7.356 min
Delta R.T.: -0.011 min
Response: 57321135
Conc: 584.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



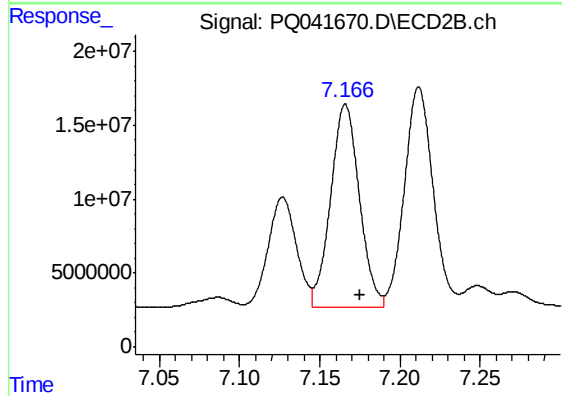
#19 AR-1242-4

R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 112034298
Conc: 1375.50 ng/ml



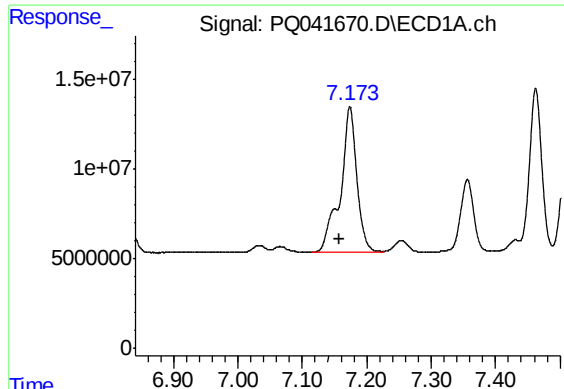
#20 AR-1242-5

R.T.: 8.179 min
Delta R.T.: -0.012 min
Response: 216383204
Conc: 1632.14 ng/ml



#20 AR-1242-5

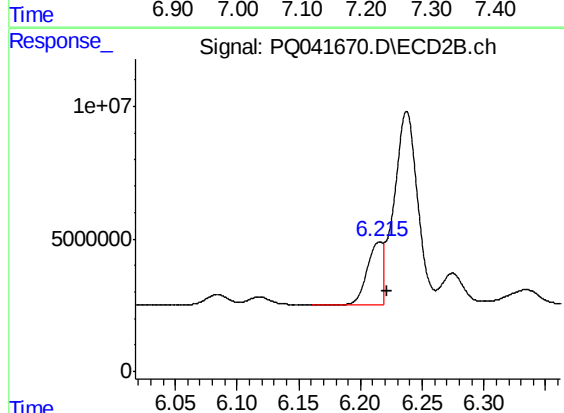
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 171963145
Conc: 1377.58 ng/ml



#21 AR-1248-1

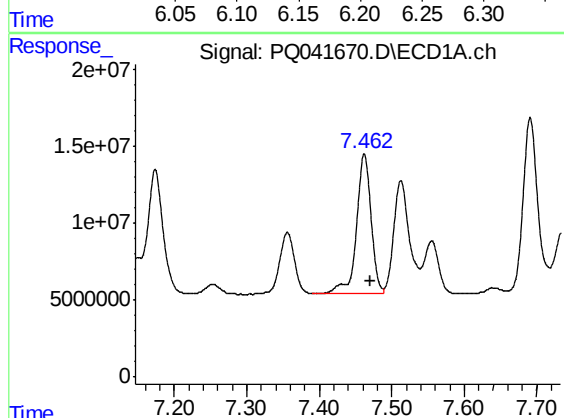
R.T.: 7.174 min
Delta R.T.: 0.016 min
Response: 144539848
Conc: 1558.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



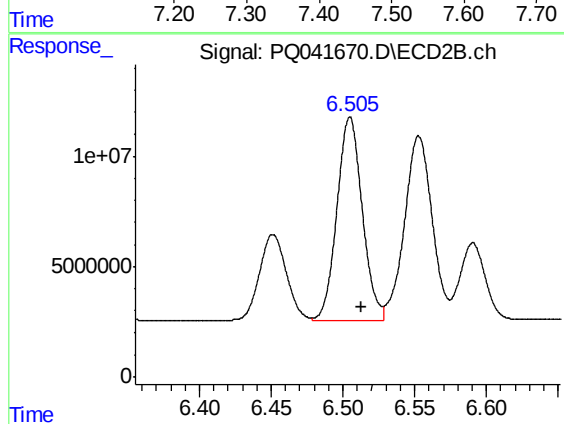
#21 AR-1248-1

R.T.: 6.216 min
Delta R.T.: -0.006 min
Response: 19871406
Conc: 247.41 ng/ml



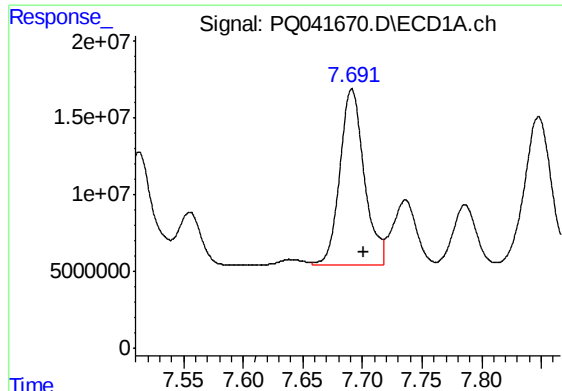
#22 AR-1248-2

R.T.: 7.462 min
Delta R.T.: -0.009 min
Response: 129173219
Conc: 1049.69 ng/ml



#22 AR-1248-2

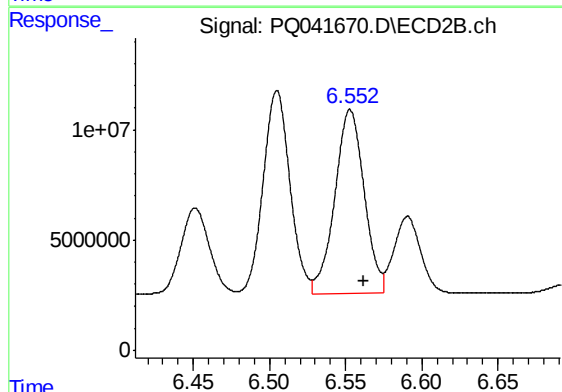
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 112893955
Conc: 1007.85 ng/ml



#23 AR-1248-3

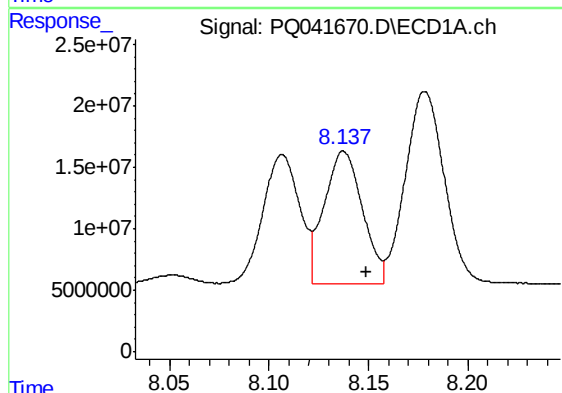
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 162702855
Conc: 1036.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



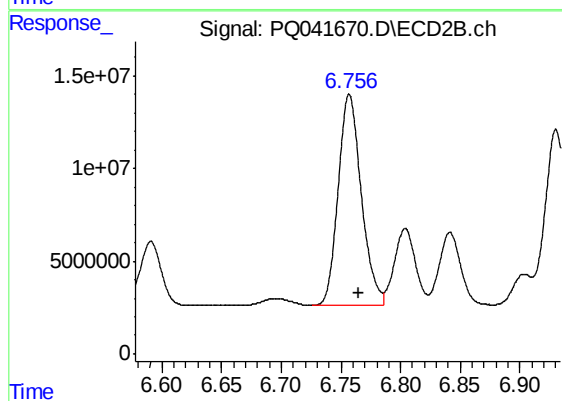
#23 AR-1248-3

R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 112034298
Conc: 970.60 ng/ml



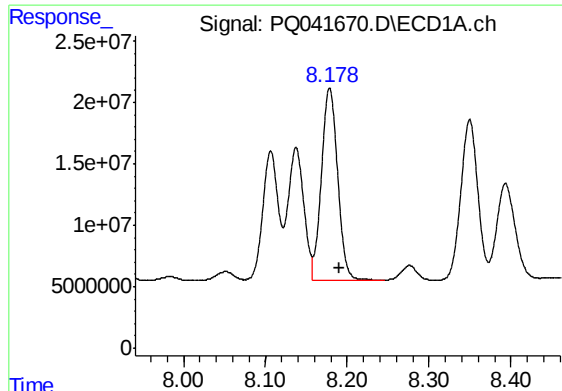
#24 AR-1248-4

R.T.: 8.138 min
Delta R.T.: -0.011 min
Response: 145370857
Conc: 672.98 ng/ml



#24 AR-1248-4

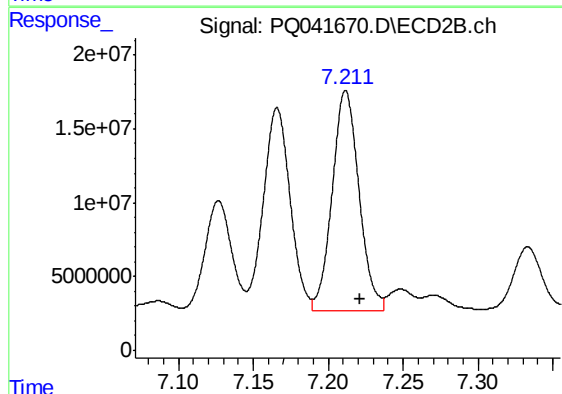
R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 153779624
Conc: 1062.34 ng/ml



#25 AR-1248-5

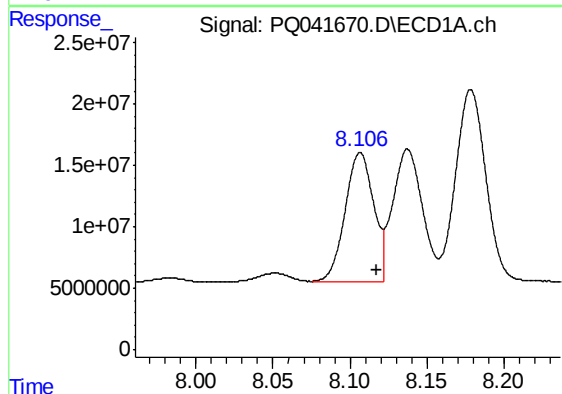
R.T.: 8.179 min
Delta R.T.: -0.012 min
Response: 216383204
Conc: 1016.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



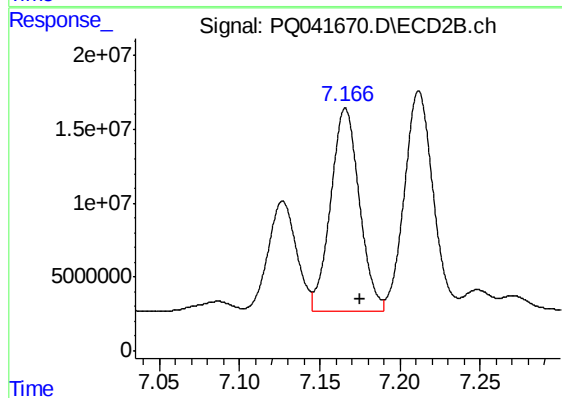
#25 AR-1248-5

R.T.: 7.212 min
Delta R.T.: -0.009 min
Response: 186437801
Conc: 1107.89 ng/ml



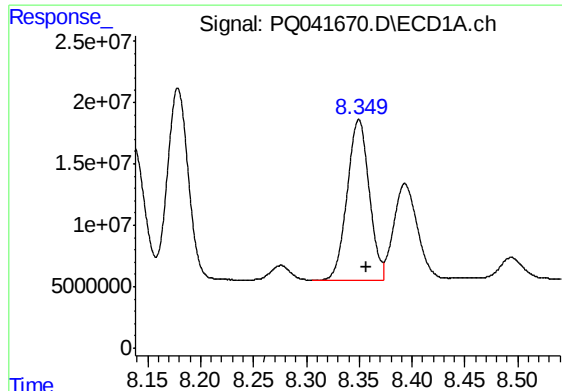
#26 AR-1254-1

R.T.: 8.107 min
Delta R.T.: -0.011 min
Response: 136845375
Conc: 675.11 ng/ml



#26 AR-1254-1

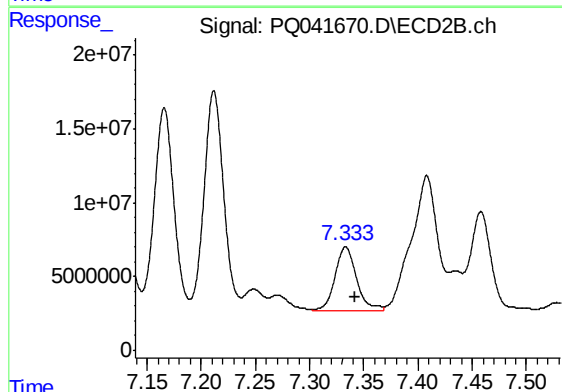
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 171963145
Conc: 676.21 ng/ml



#27 AR-1254-2

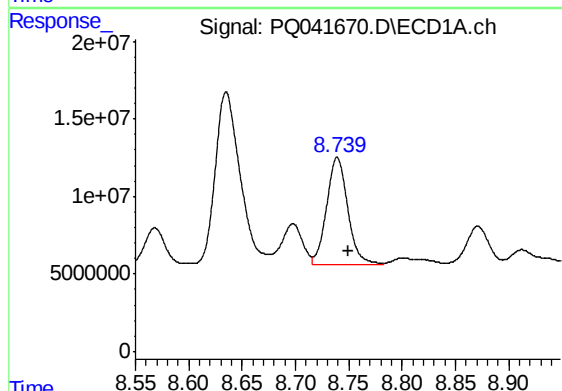
R.T.: 8.350 min
Delta R.T.: -0.007 min
Response: 189306518
Conc: 548.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



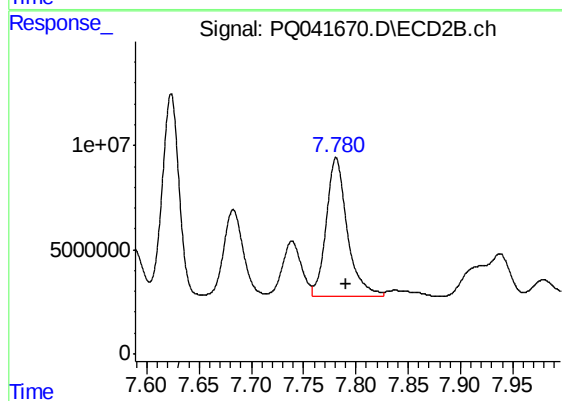
#27 AR-1254-2

R.T.: 7.333 min
Delta R.T.: -0.009 min
Response: 59778674
Conc: 261.28 ng/ml



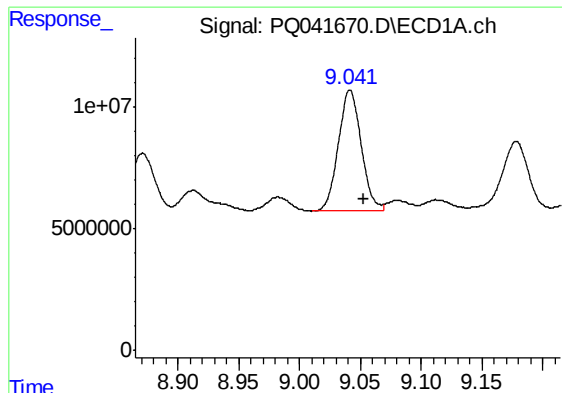
#28 AR-1254-3

R.T.: 8.739 min
Delta R.T.: -0.011 min
Response: 94355917
Conc: 227.70 ng/ml



#28 AR-1254-3

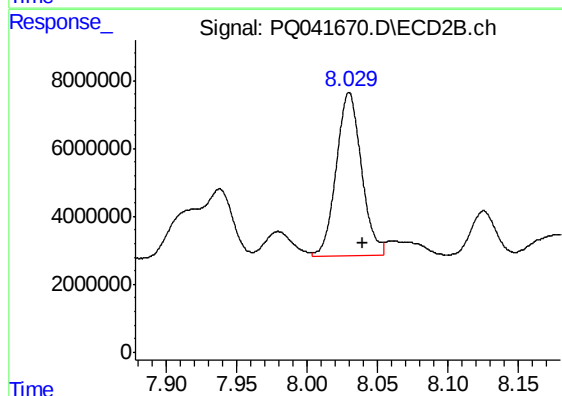
R.T.: 7.781 min
Delta R.T.: -0.010 min
Response: 93652384
Conc: 230.73 ng/ml



#29 AR-1254-4

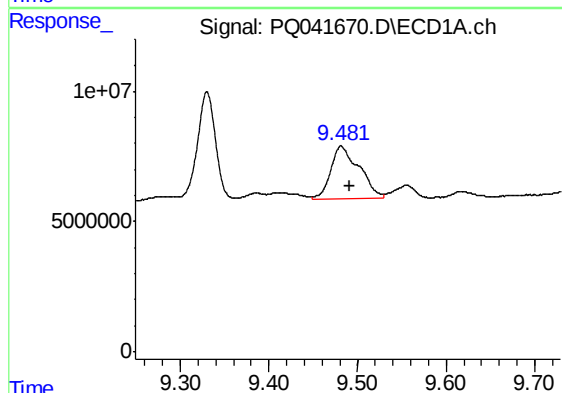
R.T.: 9.042 min
Delta R.T.: -0.011 min
Response: 65273429
Conc: 180.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



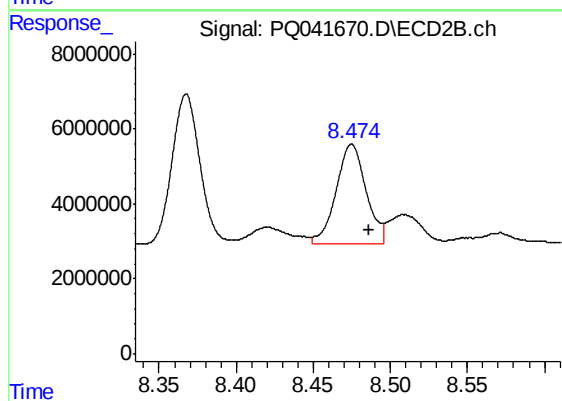
#29 AR-1254-4

R.T.: 8.030 min
Delta R.T.: -0.010 min
Response: 60072309
Conc: 219.89 ng/ml



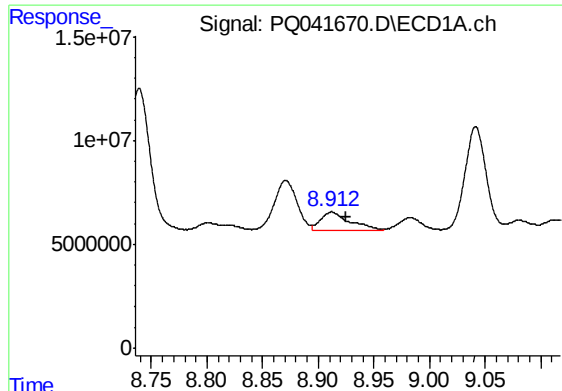
#30 AR-1254-5

R.T.: 9.482 min
Delta R.T.: -0.010 min
Response: 44946140
Conc: 111.94 ng/ml



#30 AR-1254-5

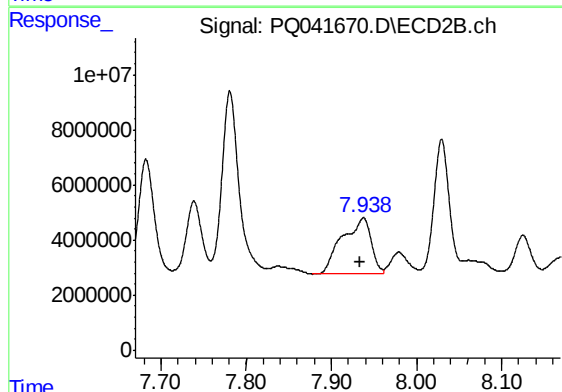
R.T.: 8.475 min
Delta R.T.: -0.011 min
Response: 35772560
Conc: 89.59 ng/ml



#31 AR-1260-1

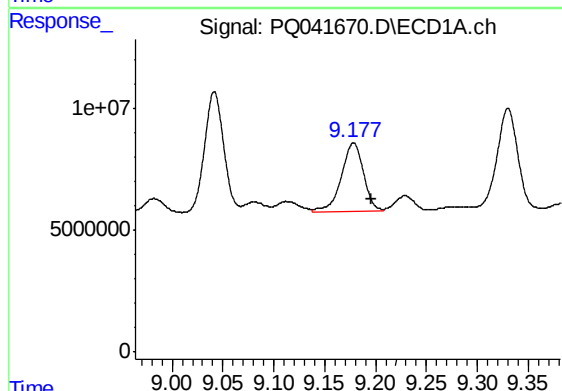
R.T.: 8.912 min
Delta R.T.: -0.012 min
Response: 16027302
Conc: 53.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



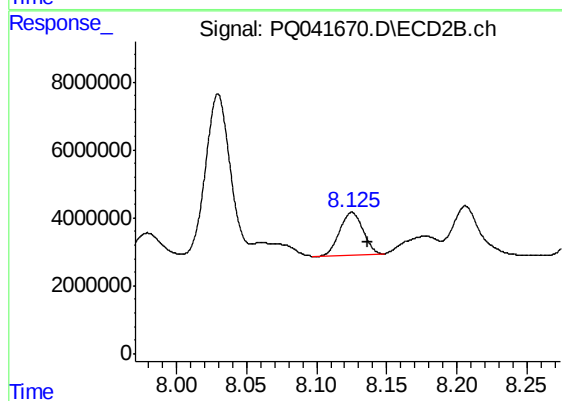
#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: 0.004 min
Response: 47762318
Conc: 179.59 ng/ml



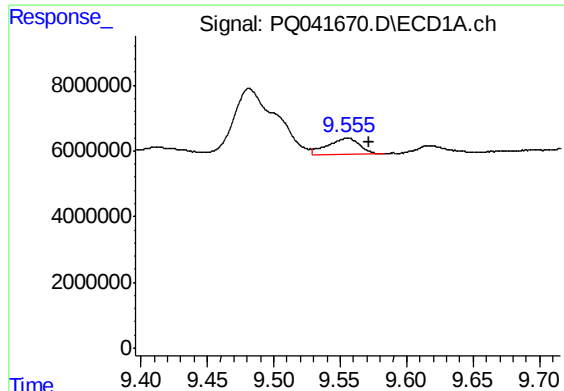
#32 AR-1260-2

R.T.: 9.178 min
Delta R.T.: -0.018 min
Response: 42474793
Conc: 92.67 ng/ml



#32 AR-1260-2

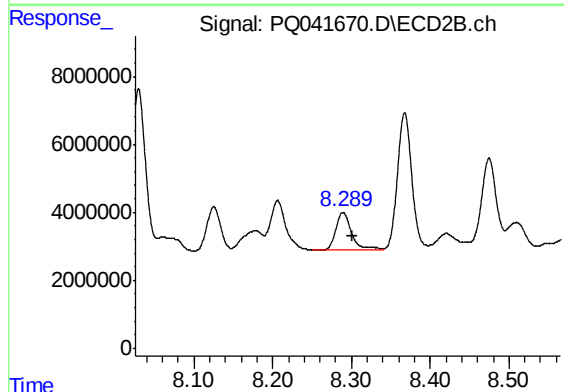
R.T.: 8.125 min
Delta R.T.: -0.011 min
Response: 14592932
Conc: 40.22 ng/ml



#33 AR-1260-3

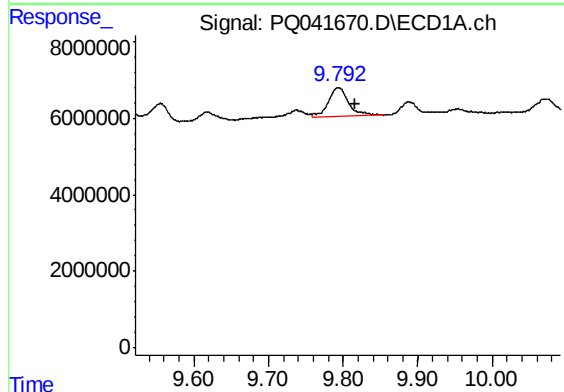
R.T.: 9.555 min
Delta R.T.: -0.016 min
Response: 7880146
Conc: 18.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



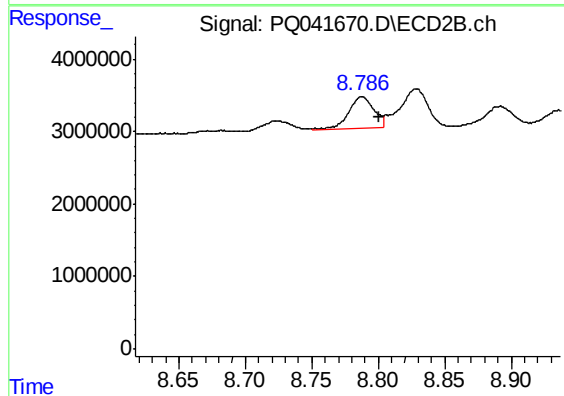
#33 AR-1260-3

R.T.: 8.289 min
Delta R.T.: -0.012 min
Response: 15059128
Conc: 47.96 ng/ml



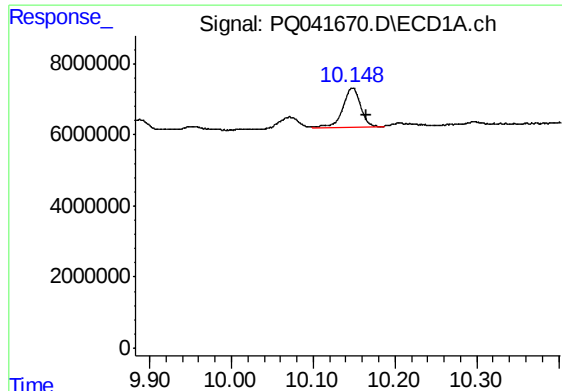
#34 AR-1260-4

R.T.: 9.794 min
Delta R.T.: -0.022 min
Response: 14643989
Conc: 34.79 ng/ml



#34 AR-1260-4

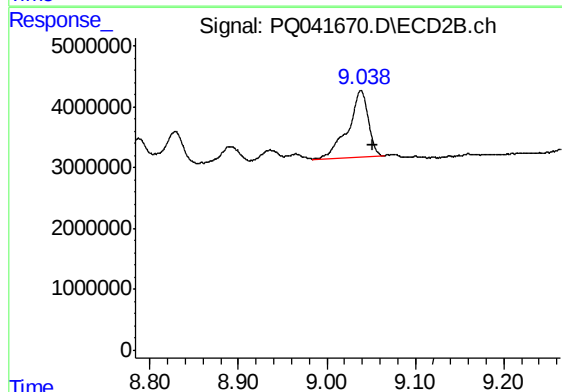
R.T.: 8.787 min
Delta R.T.: -0.014 min
Response: 5852257
Conc: 20.56 ng/ml



#35 AR-1260-5

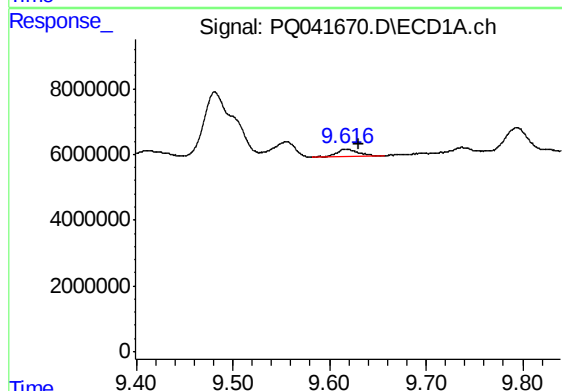
R.T.: 10.148 min
Delta R.T.: -0.017 min
Response: 16922277
Conc: 15.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



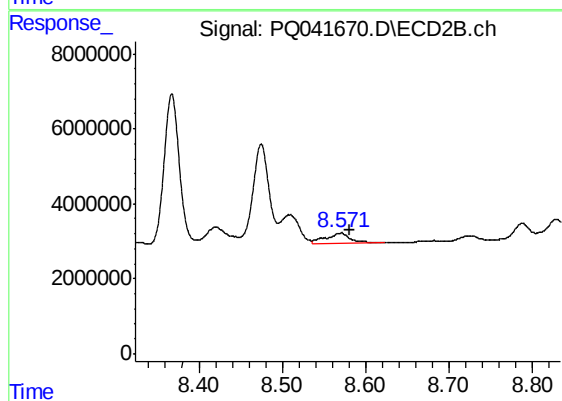
#35 AR-1260-5

R.T.: 9.039 min
Delta R.T.: -0.014 min
Response: 17389931
Conc: 23.39 ng/ml



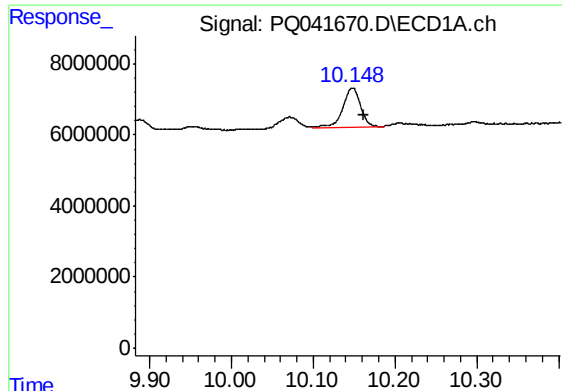
#36 AR-1262-1

R.T.: 9.617 min
Delta R.T.: -0.013 min
Response: 3689482
Conc: 15.03 ng/ml



#36 AR-1262-1

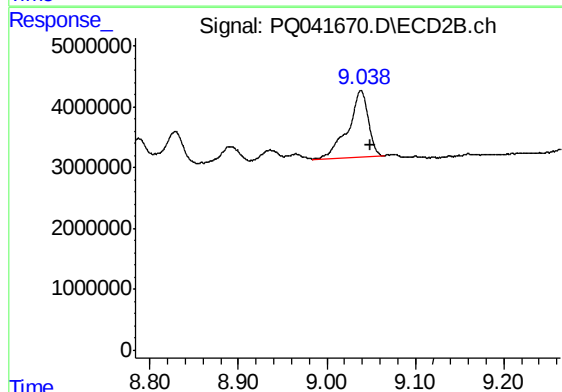
R.T.: 8.571 min
Delta R.T.: -0.011 min
Response: 5363588
Conc: 27.89 ng/ml



#37 AR-1262-2

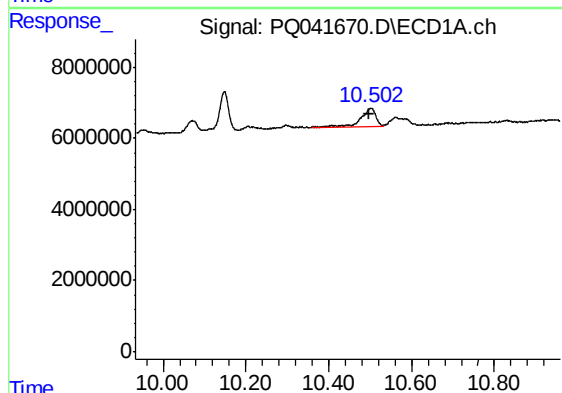
R.T.: 10.148 min
Delta R.T.: -0.013 min
Response: 16922277
Conc: 13.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



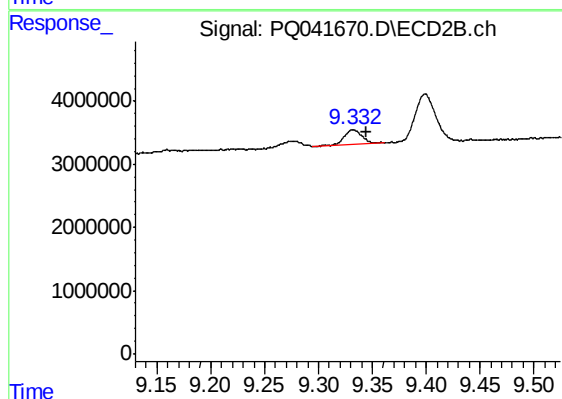
#37 AR-1262-2

R.T.: 9.039 min
Delta R.T.: -0.011 min
Response: 17389931
Conc: 20.70 ng/ml



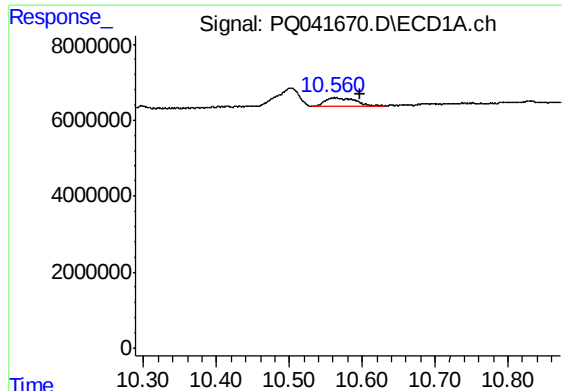
#38 AR-1262-3

R.T.: 10.502 min
Delta R.T.: 0.004 min
Response: 11724819
Conc: 14.07 ng/ml



#38 AR-1262-3

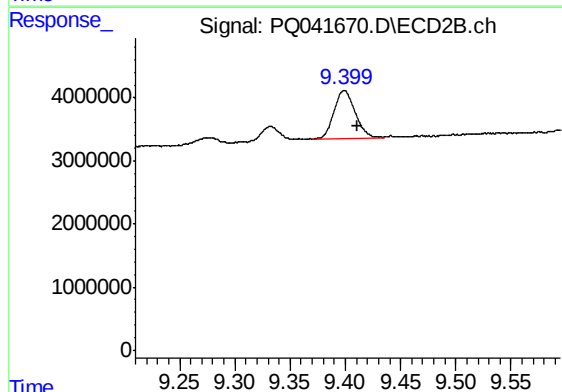
R.T.: 9.332 min
Delta R.T.: -0.012 min
Response: 2596478
Conc: 7.38 ng/ml



#39 AR-1262-4

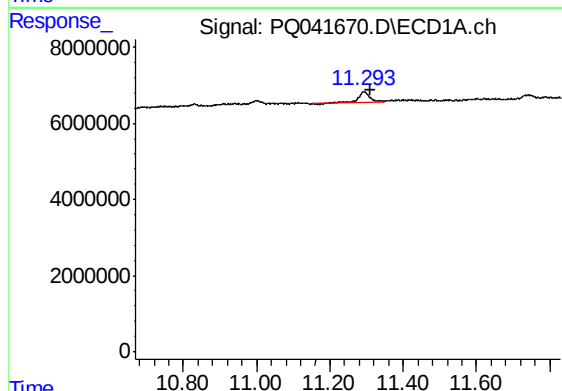
R.T.: 10.562 min
Delta R.T.: -0.036 min
Response: 6437407
Conc: 9.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



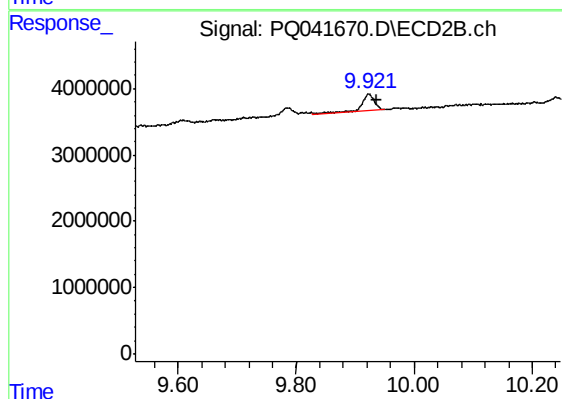
#39 AR-1262-4

R.T.: 9.399 min
Delta R.T.: -0.012 min
Response: 10208015
Conc: 17.37 ng/ml



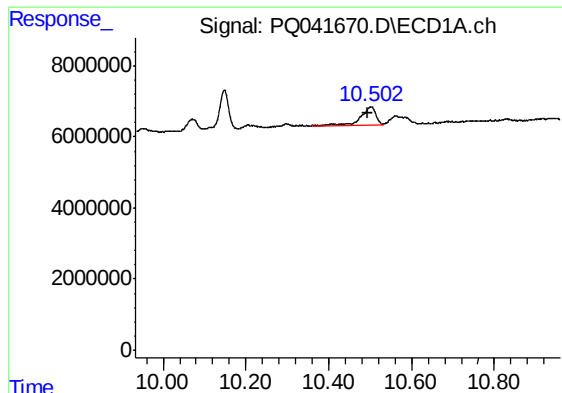
#40 AR-1262-5

R.T.: 11.293 min
Delta R.T.: -0.018 min
Response: 6151043
Conc: 13.46 ng/ml



#40 AR-1262-5

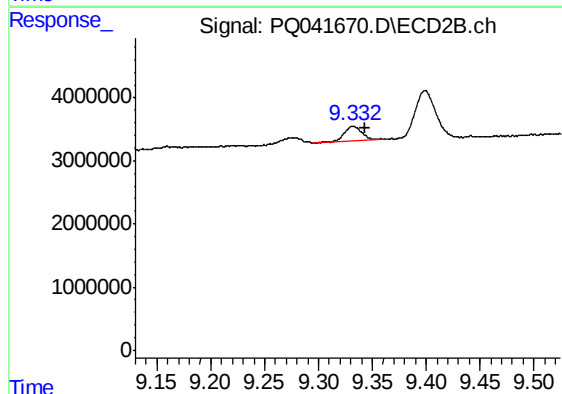
R.T.: 9.923 min
Delta R.T.: -0.014 min
Response: 3916278
Conc: 16.32 ng/ml



#41 AR-1268-1

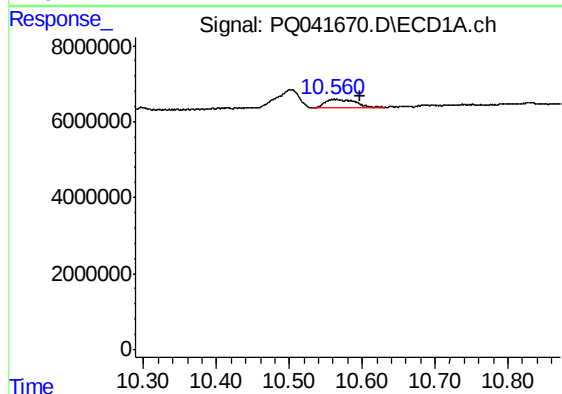
R.T.: 10.502 min
Delta R.T.: 0.008 min
Response: 11724819
Conc: 6.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



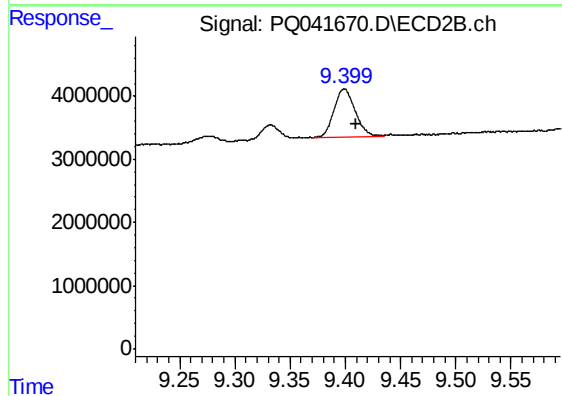
#41 AR-1268-1

R.T.: 9.332 min
Delta R.T.: -0.011 min
Response: 2596478
Conc: 2.27 ng/ml



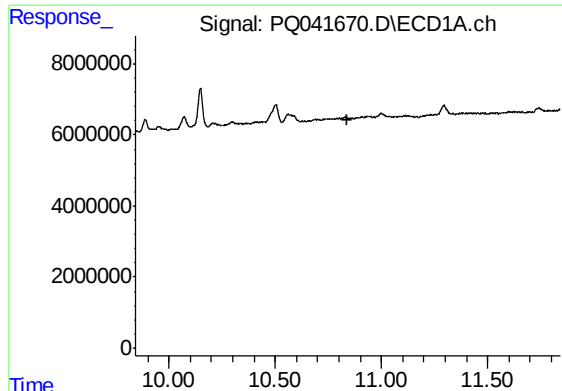
#42 AR-1268-2

R.T.: 10.562 min
Delta R.T.: -0.035 min
Response: 6437407
Conc: 4.03 ng/ml



#42 AR-1268-2

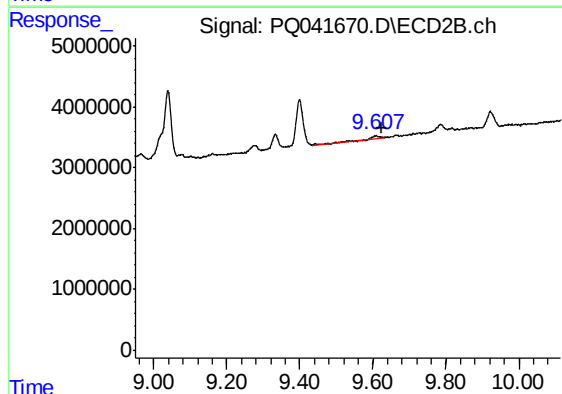
R.T.: 9.399 min
Delta R.T.: -0.010 min
Response: 10208015
Conc: 10.50 ng/ml



#43 AR-1268-3

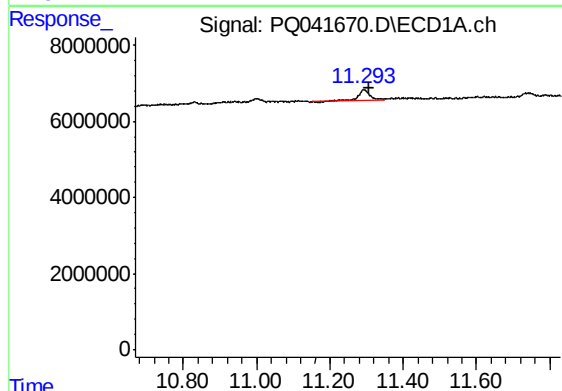
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



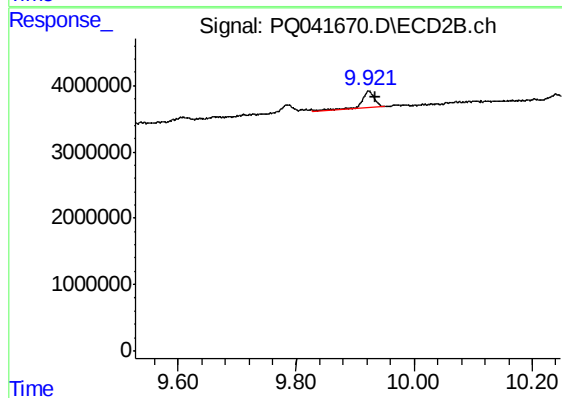
#43 AR-1268-3

R.T.: 9.608 min
Delta R.T.: -0.017 min
Response: 834926
Conc: 1.05 ng/ml



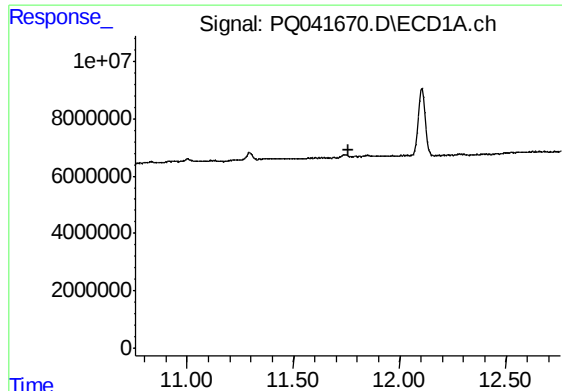
#44 AR-1268-4

R.T.: 11.293 min
Delta R.T.: -0.014 min
Response: 6151043
Conc: 10.84 ng/ml



#44 AR-1268-4

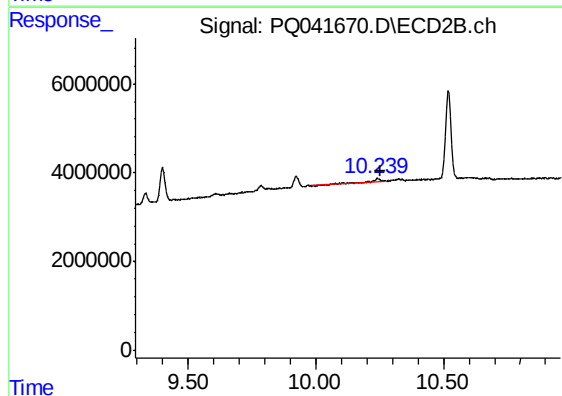
R.T.: 9.923 min
Delta R.T.: -0.011 min
Response: 3916278
Conc: 12.76 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :
ETNJ0DL



#45 AR-1268-5

R.T.: 10.240 min
Delta R.T.: -0.012 min
Response: 1852506
Conc: 0.94 ng/ml