

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 05:30
 Operator : SM\AJ
 Sample : K4029-18
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENT7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 06:46:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.695	4.754	20281356	16801021	8.843	8.718
2)	SA Decachlor...	12.090	10.506	104.6E6	66591424	12.401	13.766
Target Compounds							
3)	L1 AR-1016-1	7.141	6.206	4302482	3853743	39.807	37.138
4)	L1 AR-1016-2	7.166	6.229	5297936	3926605	33.847	27.407
5)	L1 AR-1016-3	0.000	6.442	0	1595569	N.D.	21.396 #
6)	L1 AR-1016-4	0.000	6.496	0	7537803	N.D.	121.557 #
7)	L1 AR-1016-5	7.684	6.749	4180747	4332428	53.183	53.222
10)	L2 AR-1221-3	0.000	5.351	0	4895675	N.D.	89.776 #
11)	L3 AR-1232-1	0.000	5.351	0	4895675	N.D.	101.386 #
12)	L3 AR-1232-2	0.000	6.229	0	3926605	N.D.	68.854 #
13)	L3 AR-1232-3	7.166	6.442	5297936	1595569	79.354	53.508 #
14)	L3 AR-1232-4	0.000	6.545	0	7436307	N.D.	278.548 #
15)	L3 AR-1232-5	7.454	6.749	7543831	4332428	351.035	147.733 #
16)	L4 AR-1242-1	7.141	6.206	4302482	3853743	48.100	47.089
17)	L4 AR-1242-2	7.166	6.229	5297936	3926605	41.200	34.768
18)	L4 AR-1242-3	0.000	6.442	0	1595569	N.D.	27.010 #
19)	L4 AR-1242-4	0.000	6.545	0	7436307	N.D.	125.407 #
20)	L4 AR-1242-5	8.172	7.157	17914884	18741377	201.913	211.065
21)	L5 AR-1248-1	7.141	6.206	4302482	3853743	58.035	58.122
22)	L5 AR-1248-2	7.454	6.496	7543831	7537803	81.764	86.455
23)	L5 AR-1248-3	7.684	6.545	4180747	7436307	37.314	83.315 #
24)	L5 AR-1248-4	8.130	6.749	10722746	4332428	68.578	39.335 #
25)	L5 AR-1248-5	8.172	7.204	17914884	14348611	118.388	111.946
26)	L6 AR-1254-1	8.099	7.157	13499547	18741377	97.039	102.476
27)	L6 AR-1254-2	8.337	7.326	29775773	22683109	130.092	140.131
28)	L6 AR-1254-3	8.730	7.773	39746150	52486723	145.363	181.988 #
29)	L6 AR-1254-4	9.033	8.021	42341330	41621988	171.997	191.742
30)	L6 AR-1254-5	9.471	8.466	78364282	77968790	289.332	259.232
31)	L7 AR-1260-1	8.903	7.914	26788726	38177075	150.595	210.424 #
32)	L7 AR-1260-2	9.173	8.116	50769265	44732079	201.246	182.330
33)	L7 AR-1260-3	9.547	8.281	19447126	34344884	84.872	161.412 #
34)	L7 AR-1260-4	9.784	8.779	50858375	14953704	199.177	73.922 #
35)	L7 AR-1260-5	10.138	9.029	59747968	62126985	88.701	105.264
36)	L8 AR-1262-1	9.609	8.562	8410513	8610489	54.722	60.018
37)	L8 AR-1262-2	10.138	9.029	59747968	62126985	68.251	83.836
38)	L8 AR-1262-3	10.494	9.323	49371377	18133633	77.749	57.318 #
39)	L8 AR-1262-4	10.571	9.389	11795245	47180249	23.557	83.896 #
40)	L8 AR-1262-5	11.280	9.912	14371304	12073605	35.301	42.274
41)	L9 AR-1268-1	10.494	9.323	49371377	18133633	34.657	15.862 #
42)	L9 AR-1268-2	10.571	9.389	11795245	47180249	8.943	45.960 #
43)	L9 AR-1268-3	10.819	9.603	5442688	2604973	4.651	2.998 #
44)	L9 AR-1268-4	11.280	9.912	14371304	12073605	26.398	31.387

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
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Acq On : 01 Aug 2019 05:30
Operator : SM\AJ
Sample : K4029-18
Misc :
ALS Vial : 50 Sample Multiplier: 1

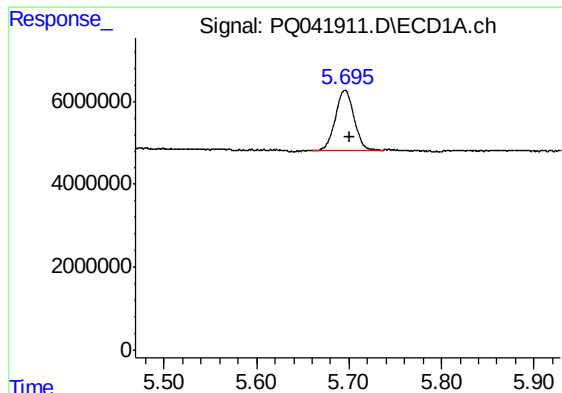
Instrument :
ECD_Q
ClientSampleId :
BENT7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:46:29 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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	11.728	10.230	12522950	9478362	3.090	3.649

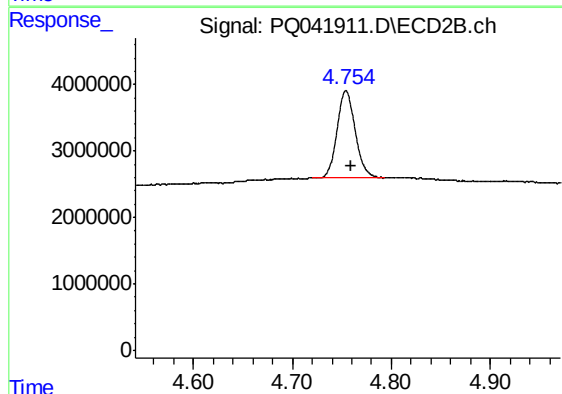
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

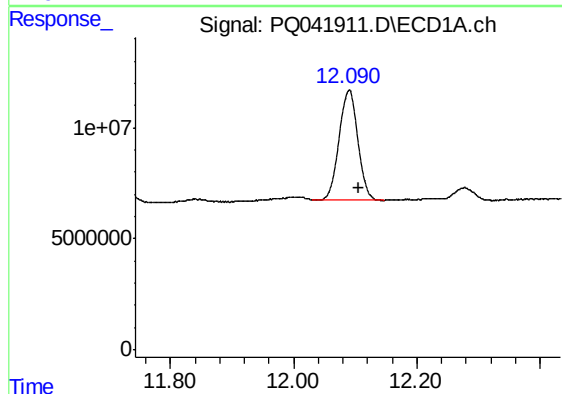
R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 20281356
Conc: 8.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



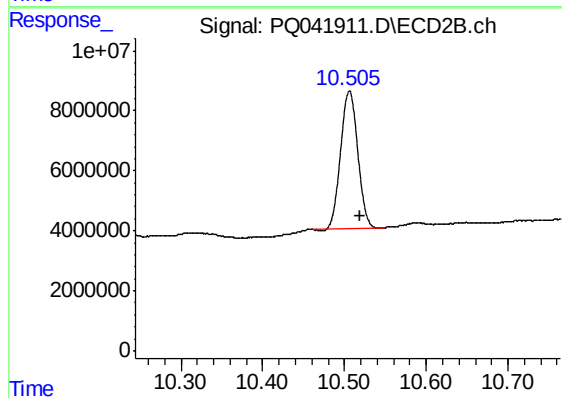
#1 Tetrachloro-m-xylene

R.T.: 4.754 min
Delta R.T.: -0.006 min
Response: 16801021
Conc: 8.72 ng/ml



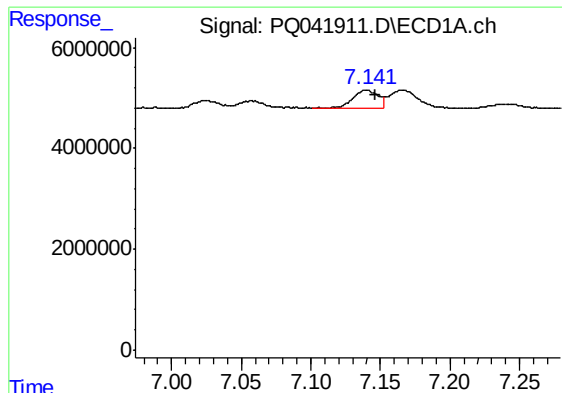
#2 Decachlorobiphenyl

R.T.: 12.090 min
Delta R.T.: -0.015 min
Response: 104558615
Conc: 12.40 ng/ml



#2 Decachlorobiphenyl

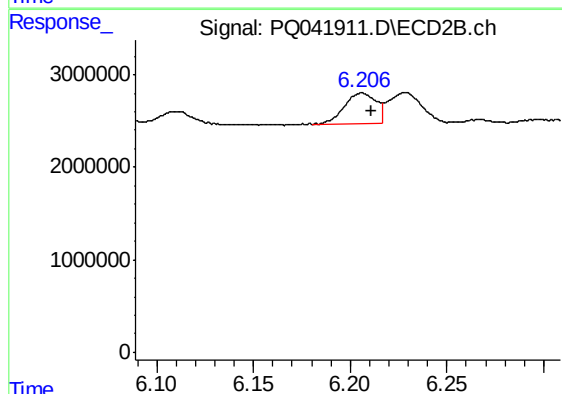
R.T.: 10.506 min
Delta R.T.: -0.014 min
Response: 66591424
Conc: 13.77 ng/ml



#3 AR-1016-1

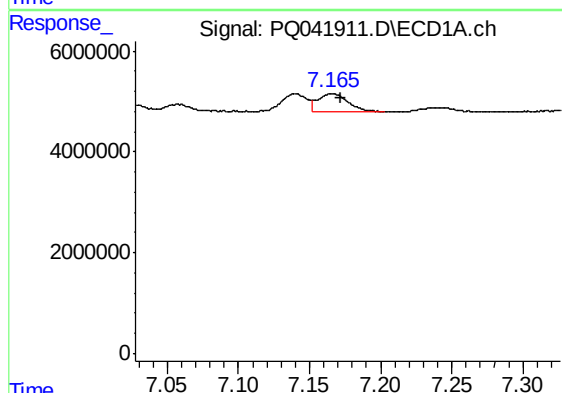
R.T.: 7.141 min
Delta R.T.: -0.006 min
Response: 4302482
Conc: 39.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



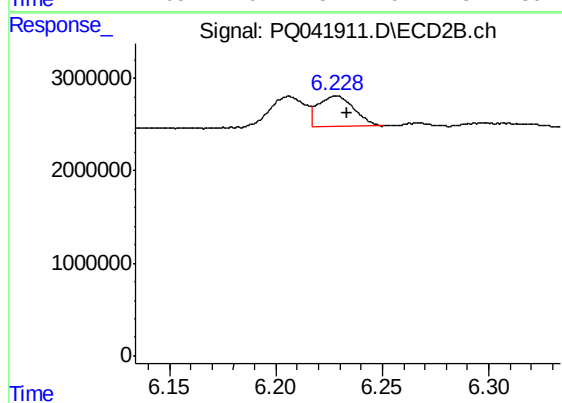
#3 AR-1016-1

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 3853743
Conc: 37.14 ng/ml



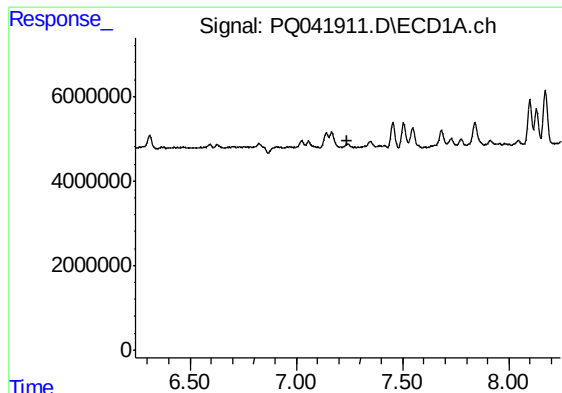
#4 AR-1016-2

R.T.: 7.166 min
Delta R.T.: -0.006 min
Response: 5297936
Conc: 33.85 ng/ml



#4 AR-1016-2

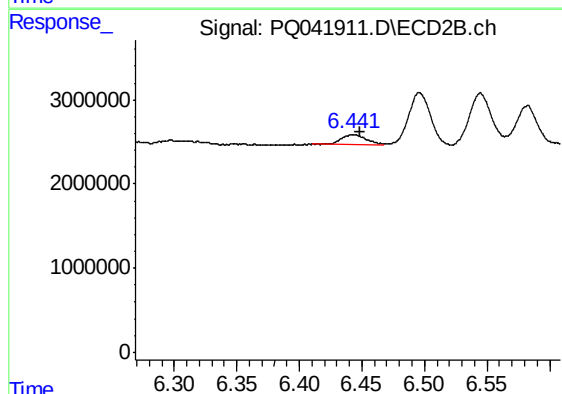
R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 3926605
Conc: 27.41 ng/ml



#5 AR-1016-3

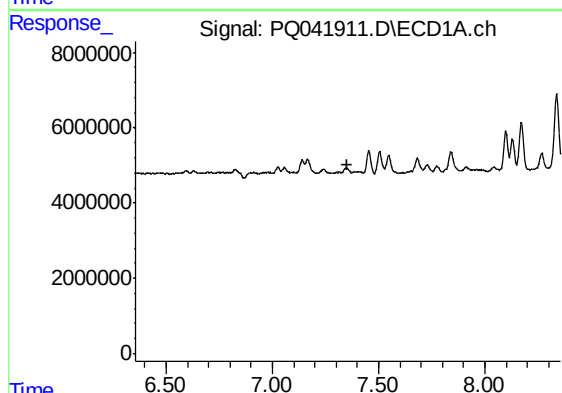
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT7



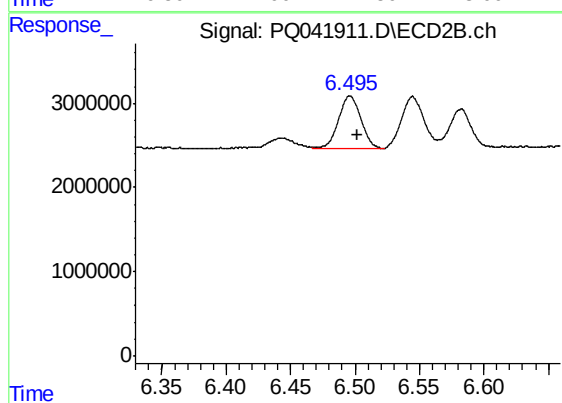
#5 AR-1016-3

R.T.: 6.442 min
Delta R.T.: -0.007 min
Response: 1595569
Conc: 21.40 ng/ml



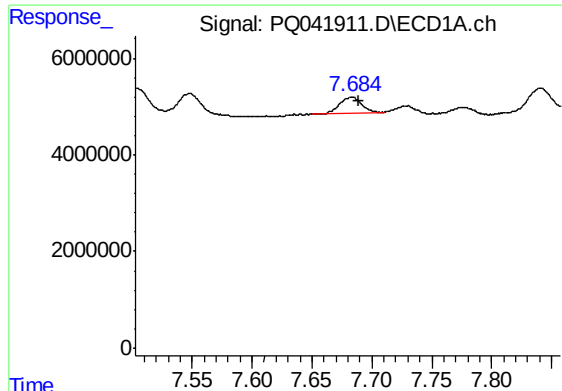
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.356 min
Response: 0
Conc: N.D.



#6 AR-1016-4

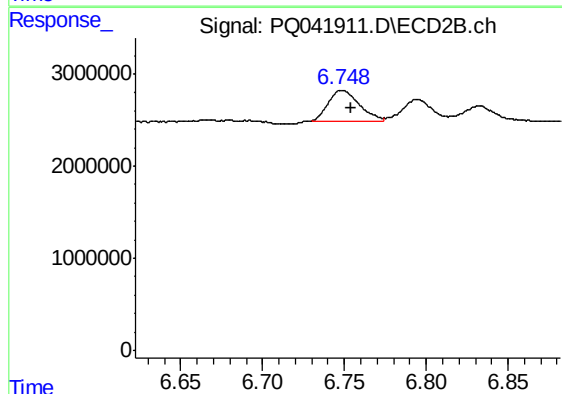
R.T.: 6.496 min
Delta R.T.: -0.006 min
Response: 7537803
Conc: 121.56 ng/ml



#7 AR-1016-5

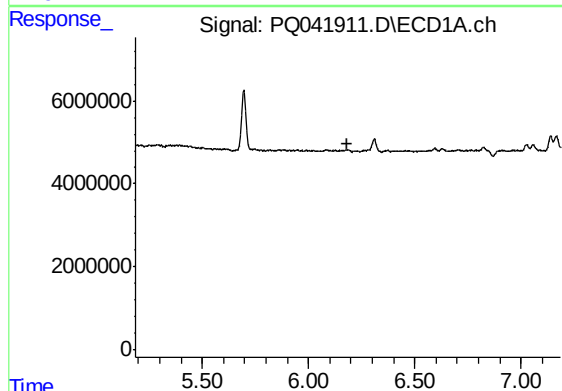
R.T.: 7.684 min
Delta R.T.: -0.006 min
Response: 4180747
Conc: 53.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



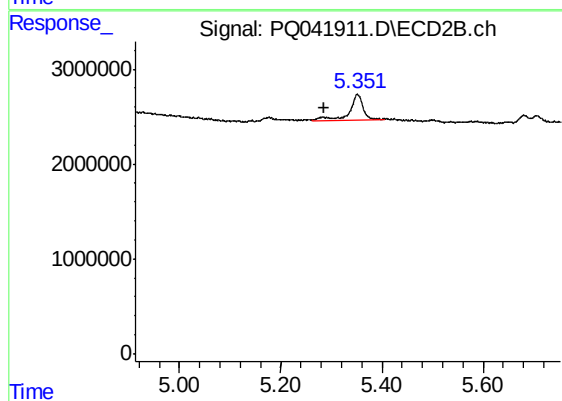
#7 AR-1016-5

R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 4332428
Conc: 53.22 ng/ml



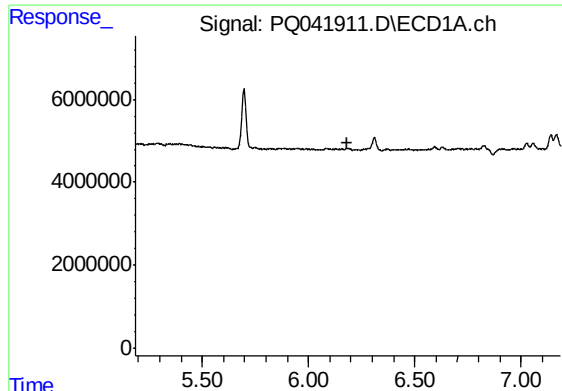
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

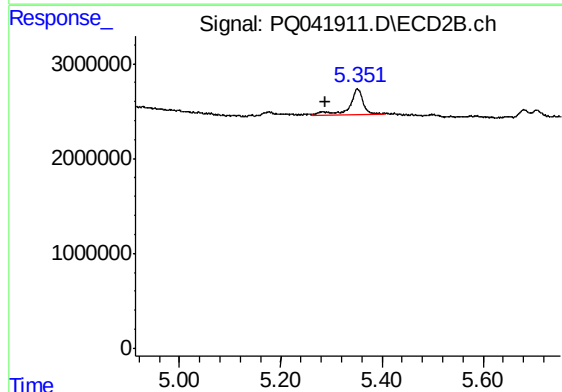
R.T.: 5.351 min
Delta R.T.: 0.064 min
Response: 4895675
Conc: 89.78 ng/ml



#11 AR-1232-1

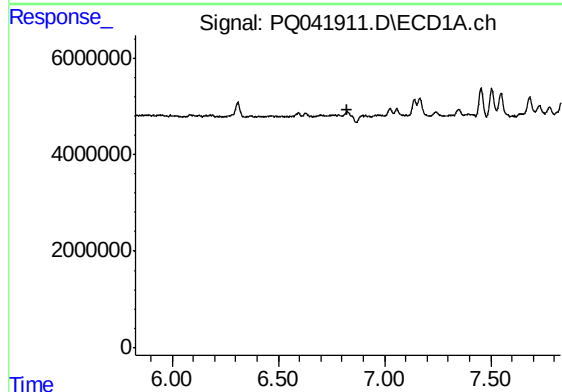
R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT7



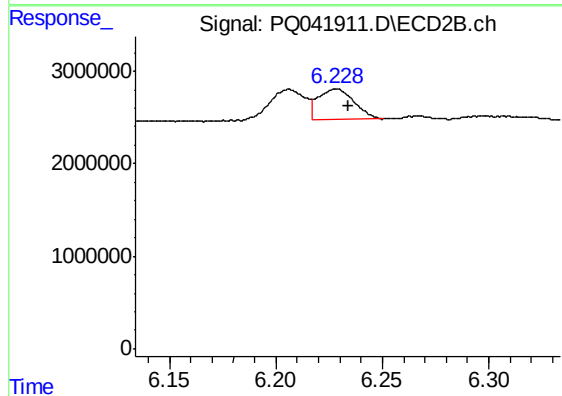
#11 AR-1232-1

R.T.: 5.351 min
Delta R.T.: 0.064 min
Response: 4895675
Conc: 101.39 ng/ml



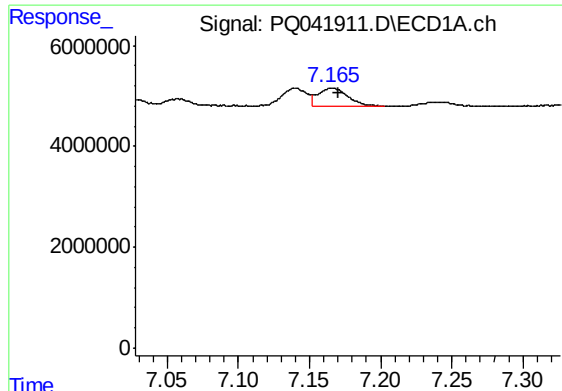
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

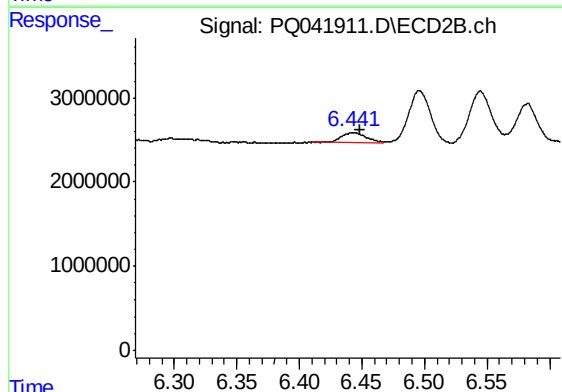
R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 3926605
Conc: 68.85 ng/ml



#13 AR-1232-3

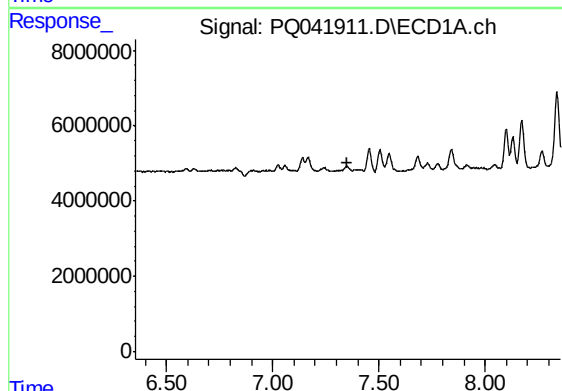
R.T.: 7.166 min
Delta R.T.: -0.005 min
Response: 5297936
Conc: 79.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



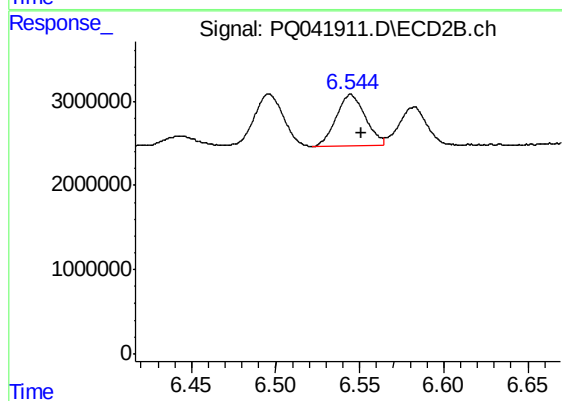
#13 AR-1232-3

R.T.: 6.442 min
Delta R.T.: -0.006 min
Response: 1595569
Conc: 53.51 ng/ml



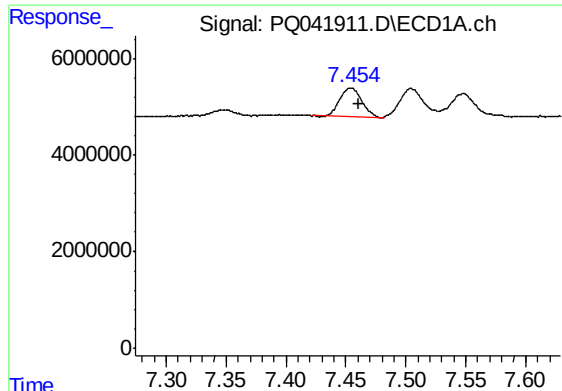
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.354 min
Response: 0
Conc: N.D.



#14 AR-1232-4

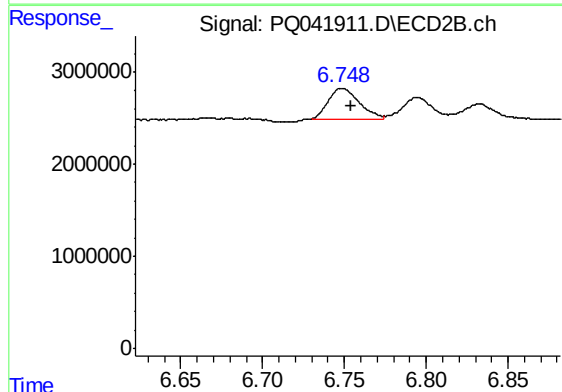
R.T.: 6.545 min
Delta R.T.: -0.007 min
Response: 7436307
Conc: 278.55 ng/ml



#15 AR-1232-5

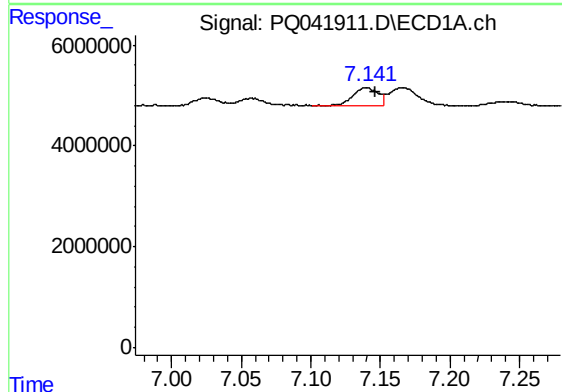
R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 7543831
Conc: 351.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



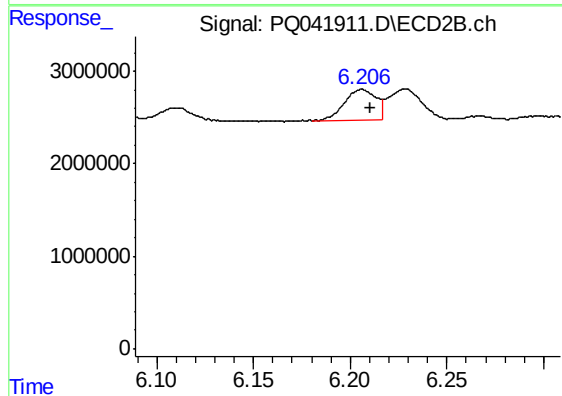
#15 AR-1232-5

R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 4332428
Conc: 147.73 ng/ml



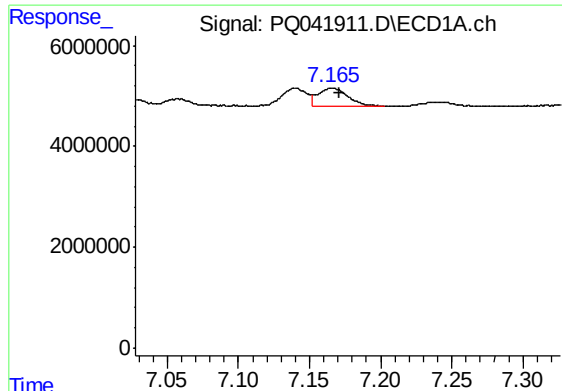
#16 AR-1242-1

R.T.: 7.141 min
Delta R.T.: -0.005 min
Response: 4302482
Conc: 48.10 ng/ml



#16 AR-1242-1

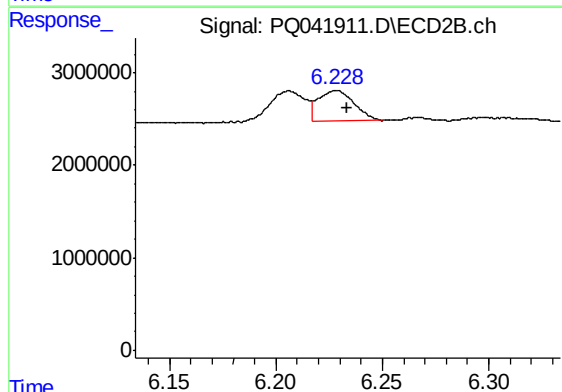
R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 3853743
Conc: 47.09 ng/ml



#17 AR-1242-2

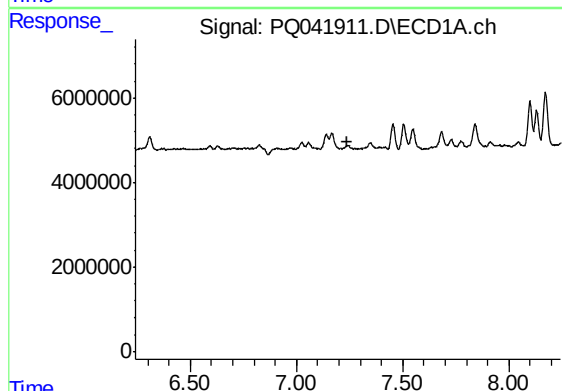
R.T.: 7.166 min
Delta R.T.: -0.006 min
Response: 5297936
Conc: 41.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



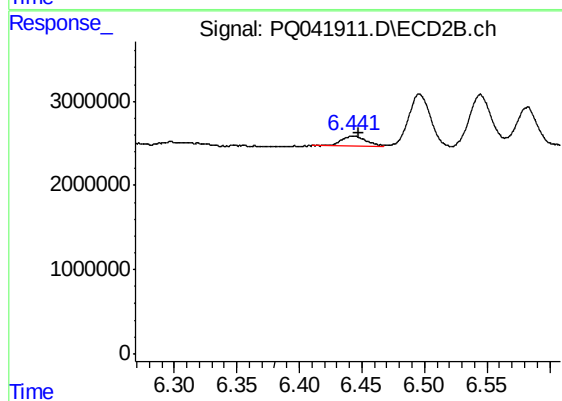
#17 AR-1242-2

R.T.: 6.229 min
Delta R.T.: -0.005 min
Response: 3926605
Conc: 34.77 ng/ml



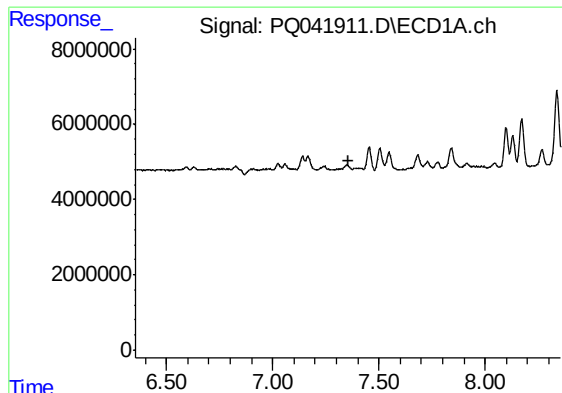
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.242 min
Response: 0
Conc: N.D.



#18 AR-1242-3

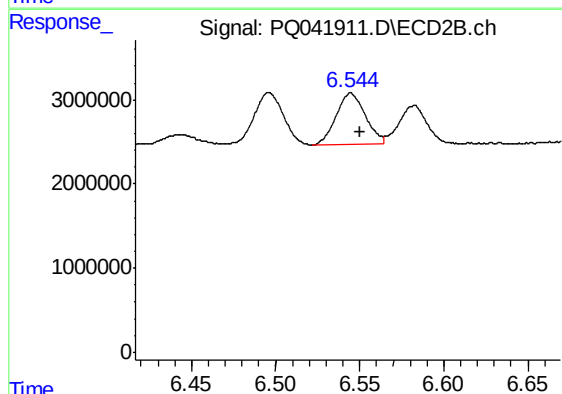
R.T.: 6.442 min
Delta R.T.: -0.005 min
Response: 1595569
Conc: 27.01 ng/ml



#19 AR-1242-4

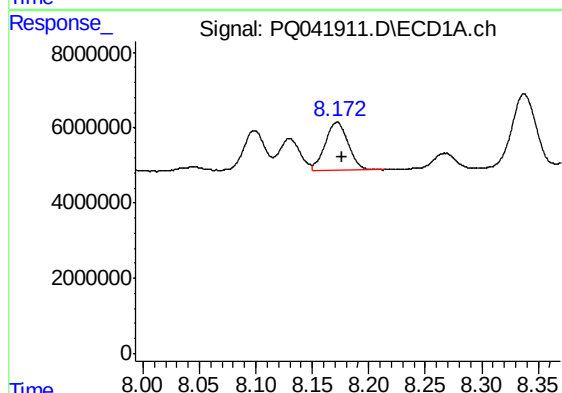
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT7



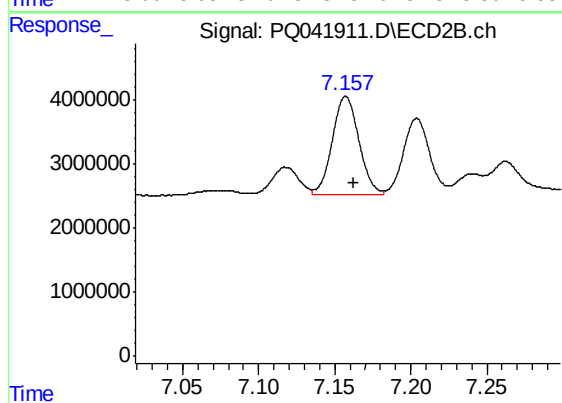
#19 AR-1242-4

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 7436307
Conc: 125.41 ng/ml



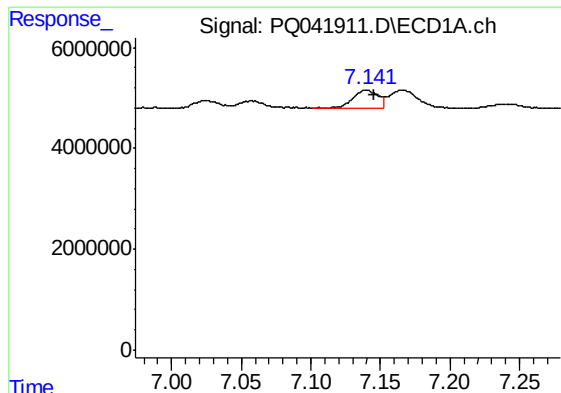
#20 AR-1242-5

R.T.: 8.172 min
Delta R.T.: -0.005 min
Response: 17914884
Conc: 201.91 ng/ml



#20 AR-1242-5

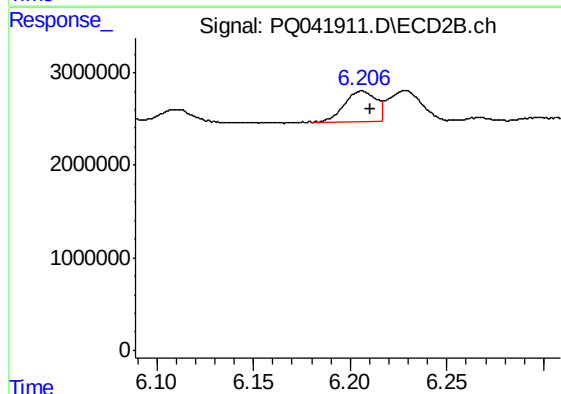
R.T.: 7.157 min
Delta R.T.: -0.005 min
Response: 18741377
Conc: 211.07 ng/ml



#21 AR-1248-1

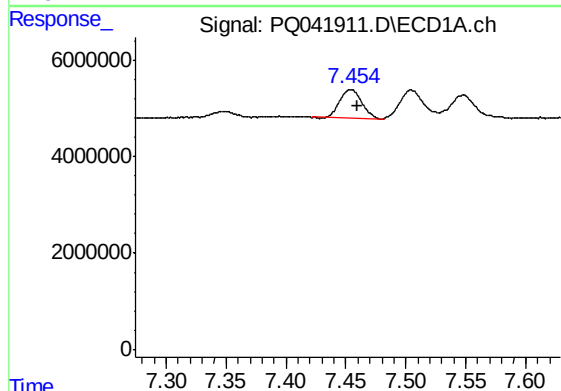
R.T.: 7.141 min
Delta R.T.: -0.005 min
Response: 4302482
Conc: 58.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



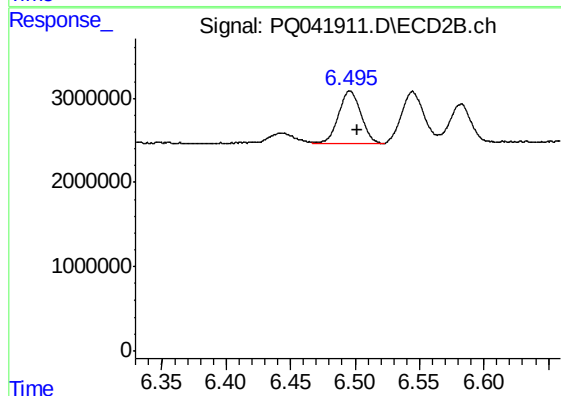
#21 AR-1248-1

R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 3853743
Conc: 58.12 ng/ml



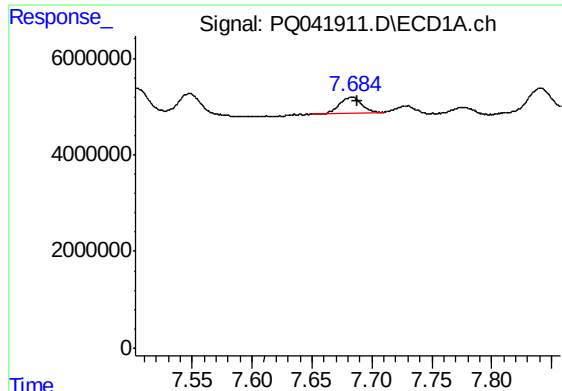
#22 AR-1248-2

R.T.: 7.454 min
Delta R.T.: -0.006 min
Response: 7543831
Conc: 81.76 ng/ml



#22 AR-1248-2

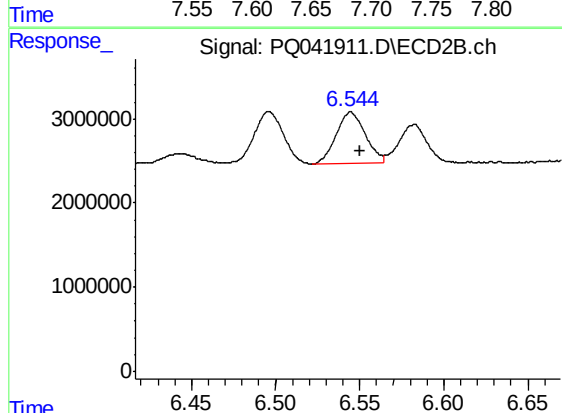
R.T.: 6.496 min
Delta R.T.: -0.006 min
Response: 7537803
Conc: 86.45 ng/ml



#23 AR-1248-3

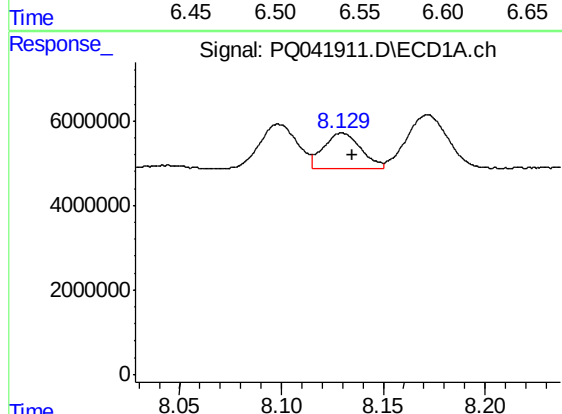
R.T.: 7.684 min
Delta R.T.: -0.004 min
Response: 4180747
Conc: 37.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



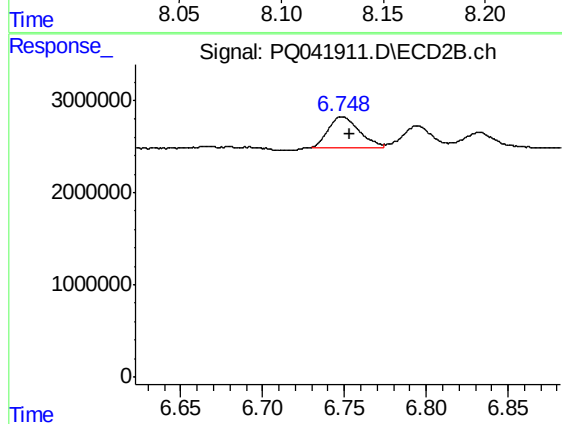
#23 AR-1248-3

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 7436307
Conc: 83.31 ng/ml



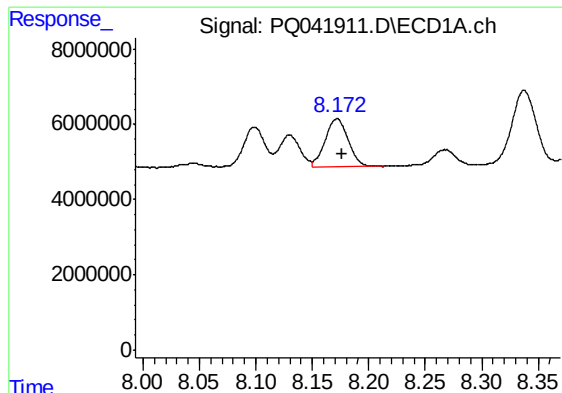
#24 AR-1248-4

R.T.: 8.130 min
Delta R.T.: -0.005 min
Response: 10722746
Conc: 68.58 ng/ml



#24 AR-1248-4

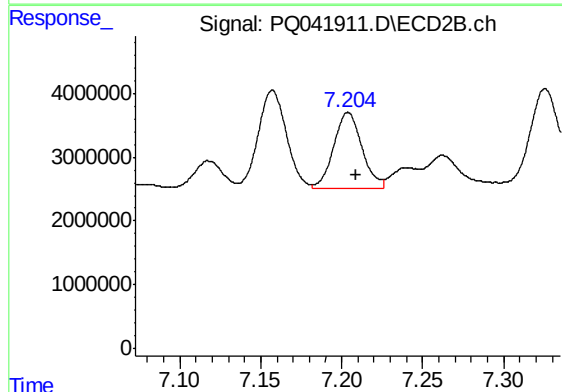
R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 4332428
Conc: 39.34 ng/ml



#25 AR-1248-5

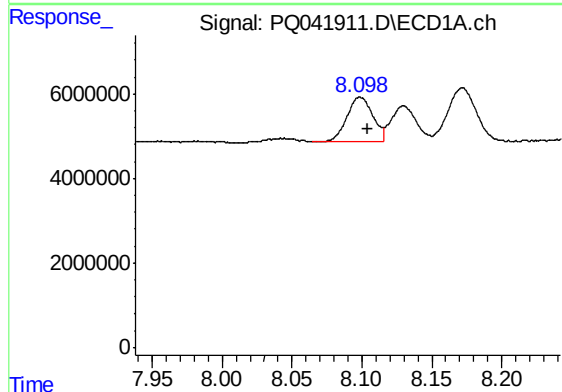
R.T.: 8.172 min
Delta R.T.: -0.004 min
Response: 17914884
Conc: 118.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



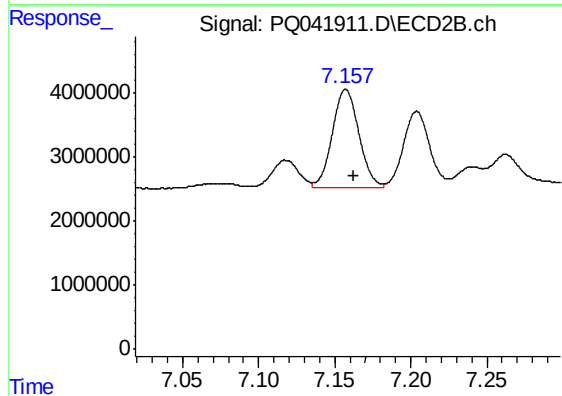
#25 AR-1248-5

R.T.: 7.204 min
Delta R.T.: -0.005 min
Response: 14348611
Conc: 111.95 ng/ml



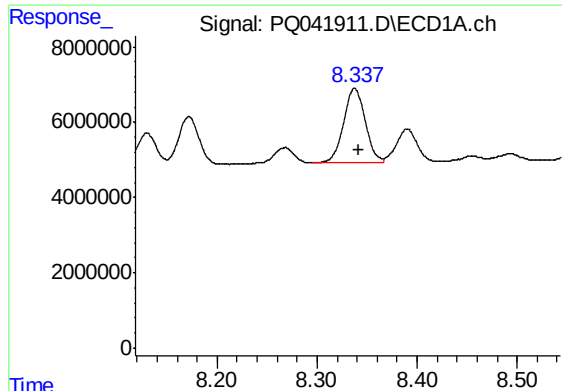
#26 AR-1254-1

R.T.: 8.099 min
Delta R.T.: -0.005 min
Response: 13499547
Conc: 97.04 ng/ml



#26 AR-1254-1

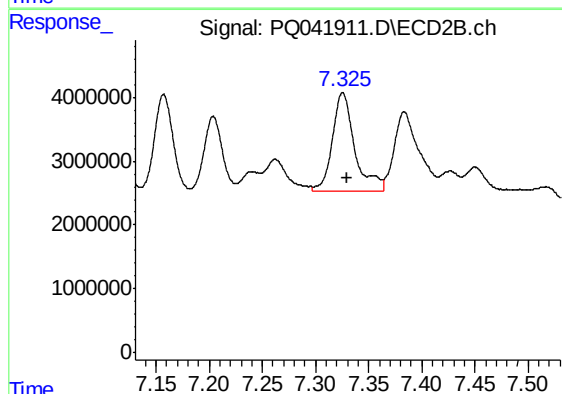
R.T.: 7.157 min
Delta R.T.: -0.005 min
Response: 18741377
Conc: 102.48 ng/ml



#27 AR-1254-2

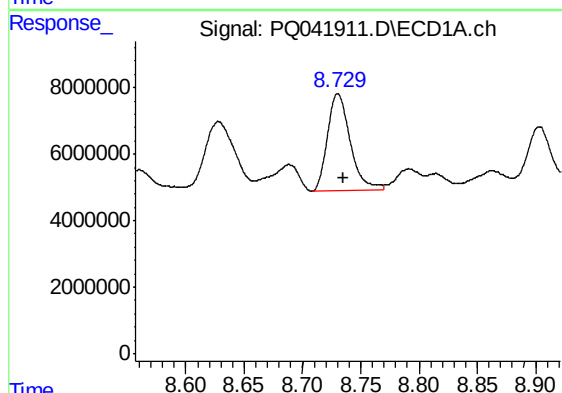
R.T.: 8.337 min
Delta R.T.: -0.005 min
Response: 29775773
Conc: 130.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



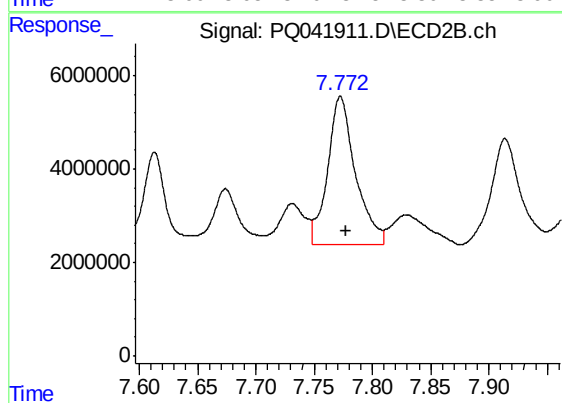
#27 AR-1254-2

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 22683109
Conc: 140.13 ng/ml



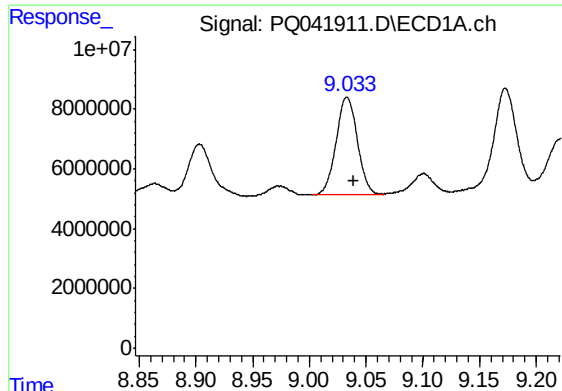
#28 AR-1254-3

R.T.: 8.730 min
Delta R.T.: -0.005 min
Response: 39746150
Conc: 145.36 ng/ml



#28 AR-1254-3

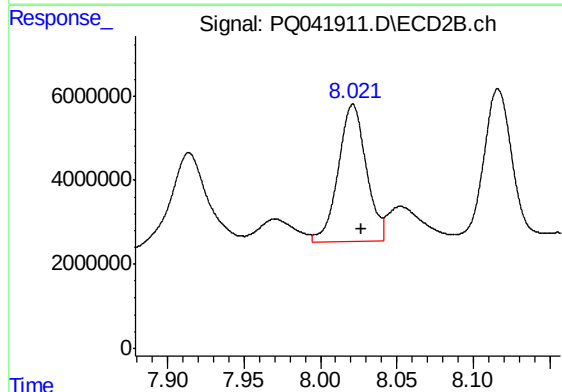
R.T.: 7.773 min
Delta R.T.: -0.005 min
Response: 52486723
Conc: 181.99 ng/ml



#29 AR-1254-4

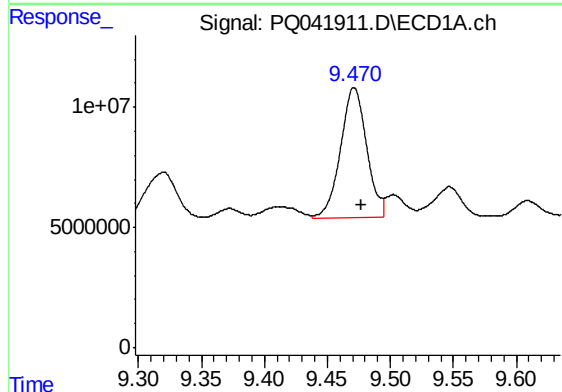
R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 42341330
Conc: 172.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



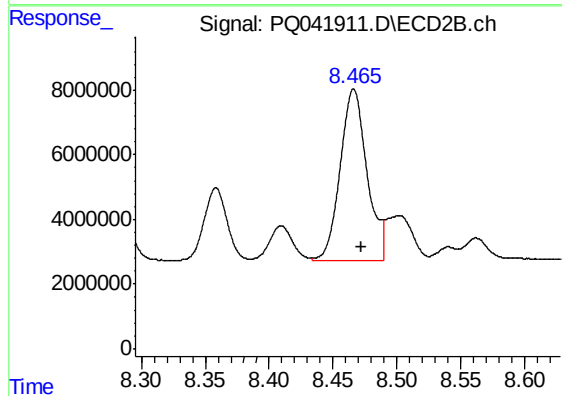
#29 AR-1254-4

R.T.: 8.021 min
Delta R.T.: -0.006 min
Response: 41621988
Conc: 191.74 ng/ml



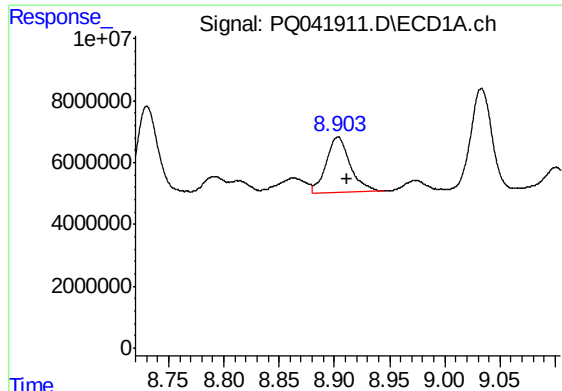
#30 AR-1254-5

R.T.: 9.471 min
Delta R.T.: -0.006 min
Response: 78364282
Conc: 289.33 ng/ml



#30 AR-1254-5

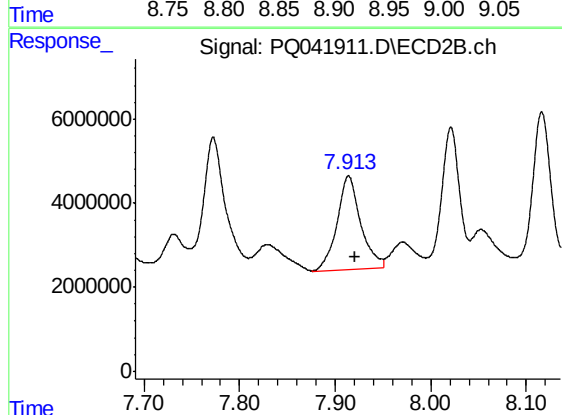
R.T.: 8.466 min
Delta R.T.: -0.007 min
Response: 77968790
Conc: 259.23 ng/ml



#31 AR-1260-1

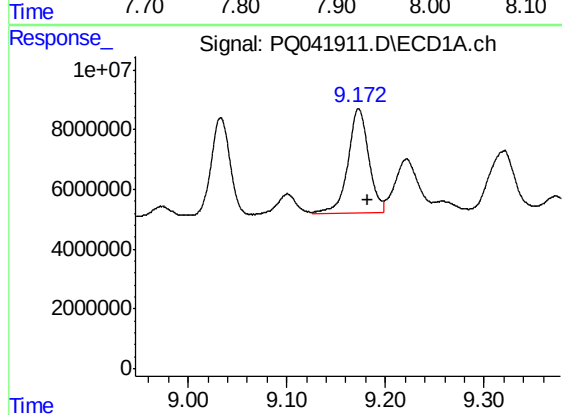
R.T.: 8.903 min
Delta R.T.: -0.008 min
Response: 26788726
Conc: 150.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



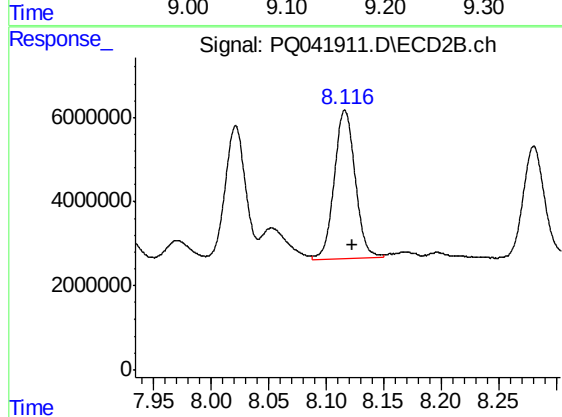
#31 AR-1260-1

R.T.: 7.914 min
Delta R.T.: -0.007 min
Response: 38177075
Conc: 210.42 ng/ml



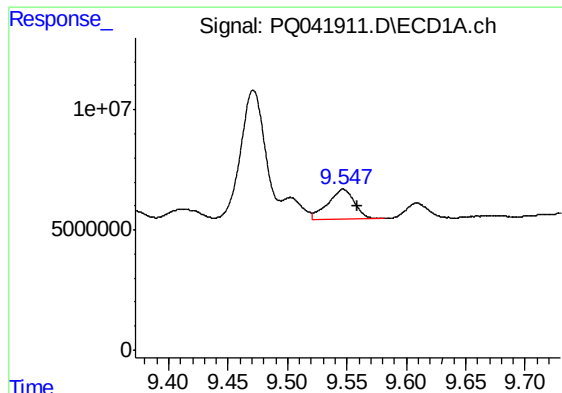
#32 AR-1260-2

R.T.: 9.173 min
Delta R.T.: -0.010 min
Response: 50769265
Conc: 201.25 ng/ml



#32 AR-1260-2

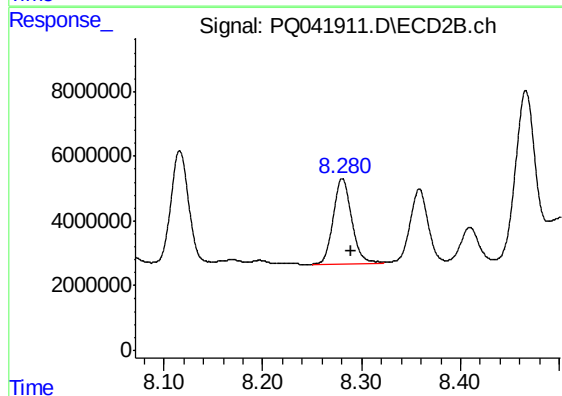
R.T.: 8.116 min
Delta R.T.: -0.007 min
Response: 44732079
Conc: 182.33 ng/ml



#33 AR-1260-3

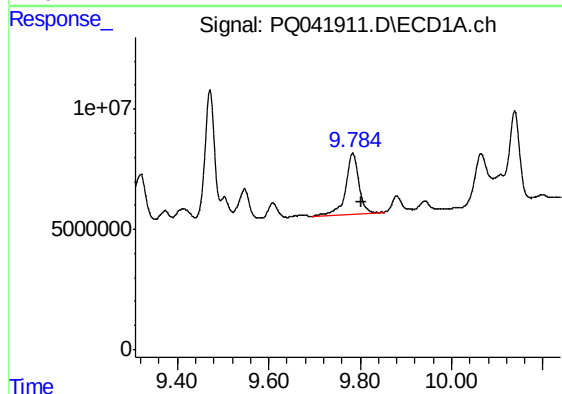
R.T.: 9.547 min
Delta R.T.: -0.011 min
Response: 19447126
Conc: 84.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



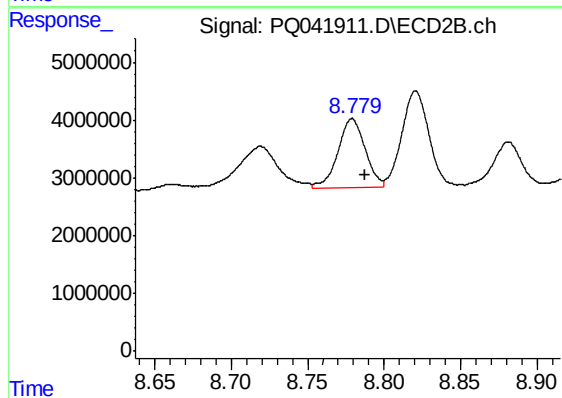
#33 AR-1260-3

R.T.: 8.281 min
Delta R.T.: -0.008 min
Response: 34344884
Conc: 161.41 ng/ml



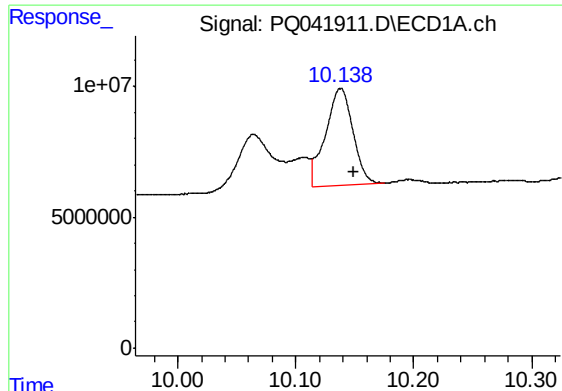
#34 AR-1260-4

R.T.: 9.784 min
Delta R.T.: -0.018 min
Response: 50858375
Conc: 199.18 ng/ml



#34 AR-1260-4

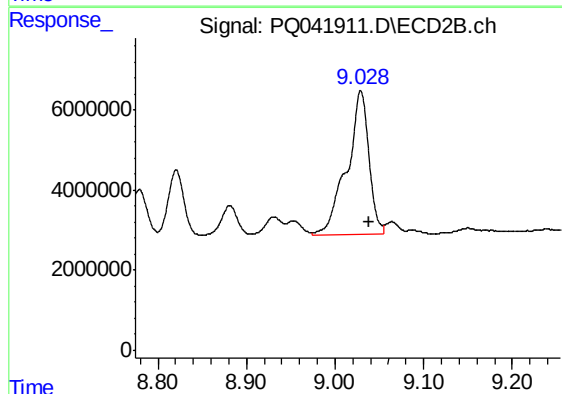
R.T.: 8.779 min
Delta R.T.: -0.009 min
Response: 14953704
Conc: 73.92 ng/ml



#35 AR-1260-5

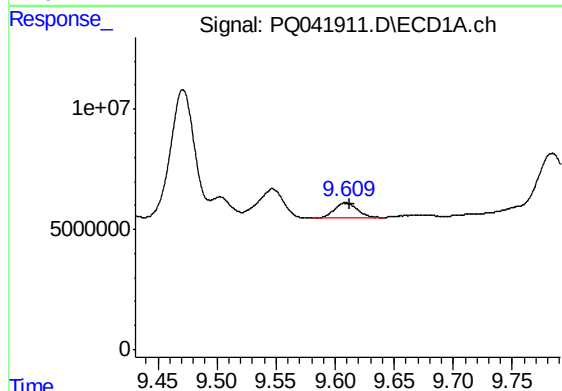
R.T.: 10.138 min
Delta R.T.: -0.011 min
Response: 59747968
Conc: 88.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



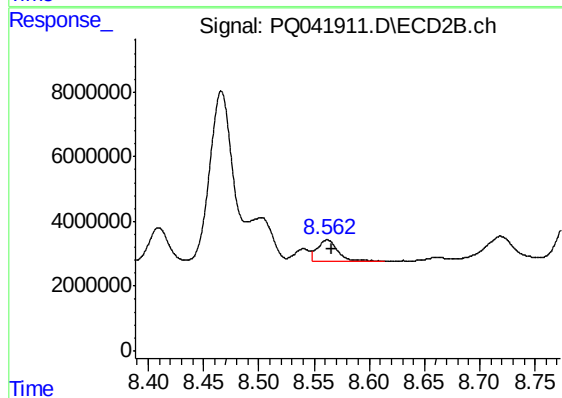
#35 AR-1260-5

R.T.: 9.029 min
Delta R.T.: -0.010 min
Response: 62126985
Conc: 105.26 ng/ml



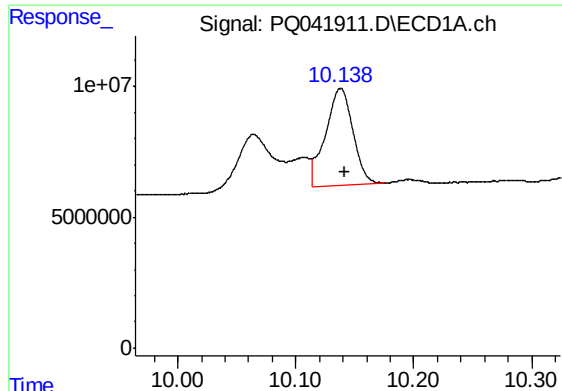
#36 AR-1262-1

R.T.: 9.609 min
Delta R.T.: -0.004 min
Response: 8410513
Conc: 54.72 ng/ml



#36 AR-1262-1

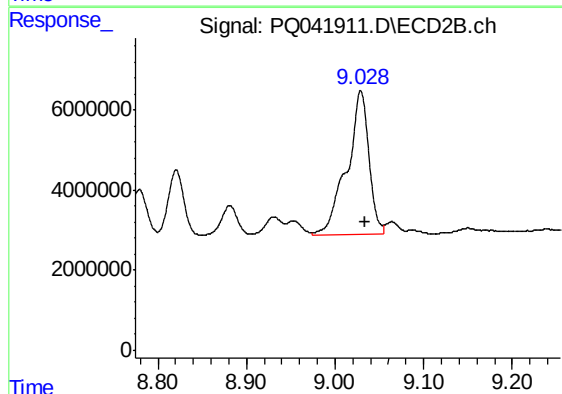
R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 8610489
Conc: 60.02 ng/ml



#37 AR-1262-2

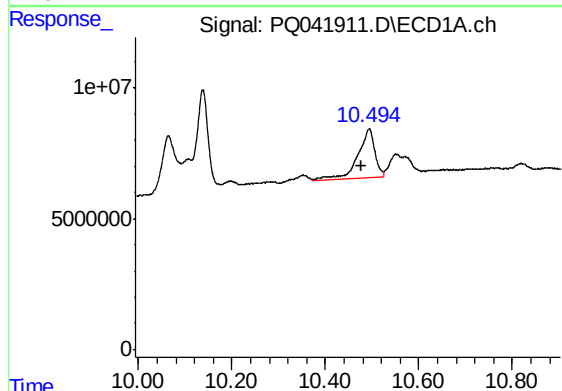
R.T.: 10.138 min
Delta R.T.: -0.004 min
Response: 59747968
Conc: 68.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



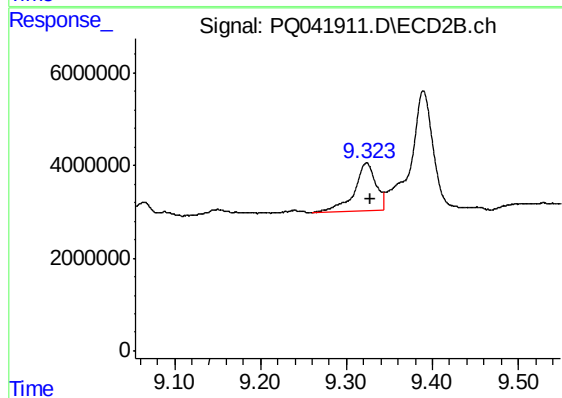
#37 AR-1262-2

R.T.: 9.029 min
Delta R.T.: -0.005 min
Response: 62126985
Conc: 83.84 ng/ml



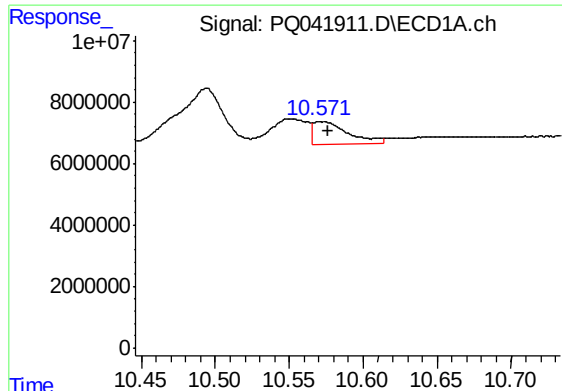
#38 AR-1262-3

R.T.: 10.494 min
Delta R.T.: 0.017 min
Response: 49371377
Conc: 77.75 ng/ml



#38 AR-1262-3

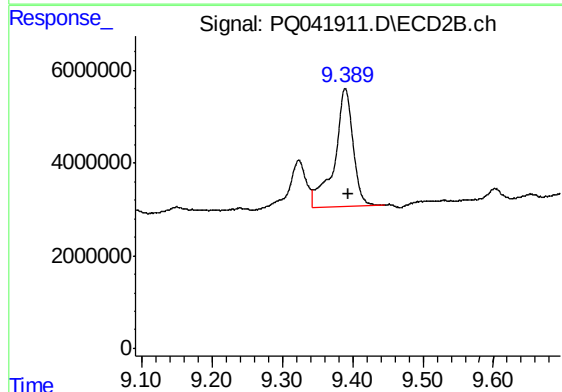
R.T.: 9.323 min
Delta R.T.: -0.004 min
Response: 18133633
Conc: 57.32 ng/ml



#39 AR-1262-4

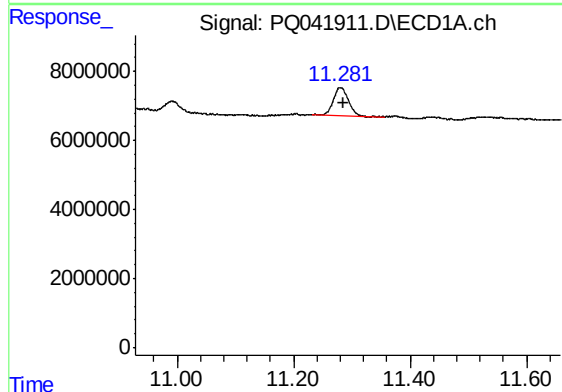
R.T.: 10.571 min
Delta R.T.: -0.006 min
Response: 11795245
Conc: 23.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



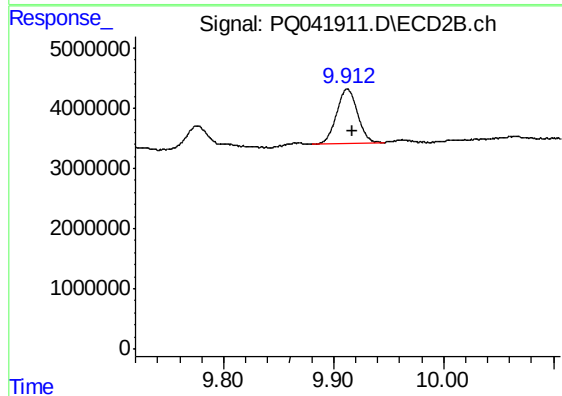
#39 AR-1262-4

R.T.: 9.389 min
Delta R.T.: -0.005 min
Response: 47180249
Conc: 83.90 ng/ml



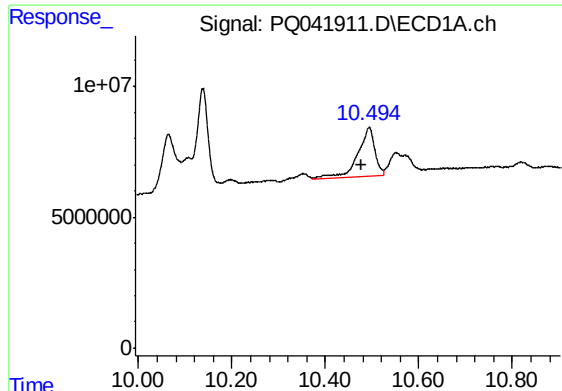
#40 AR-1262-5

R.T.: 11.280 min
Delta R.T.: -0.006 min
Response: 14371304
Conc: 35.30 ng/ml



#40 AR-1262-5

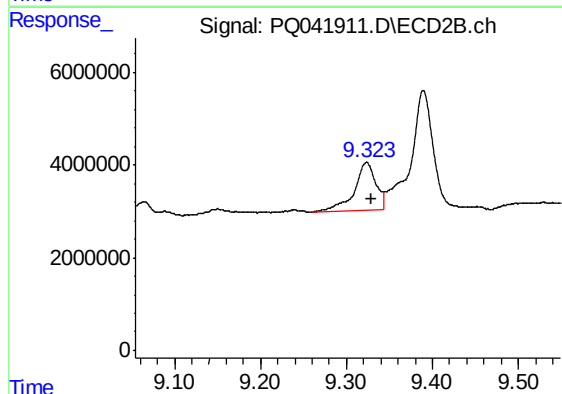
R.T.: 9.912 min
Delta R.T.: -0.005 min
Response: 12073605
Conc: 42.27 ng/ml



#41 AR-1268-1

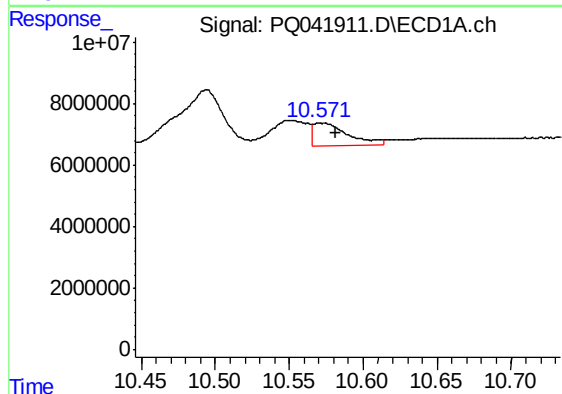
R.T.: 10.494 min
Delta R.T.: 0.016 min
Response: 49371377
Conc: 34.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



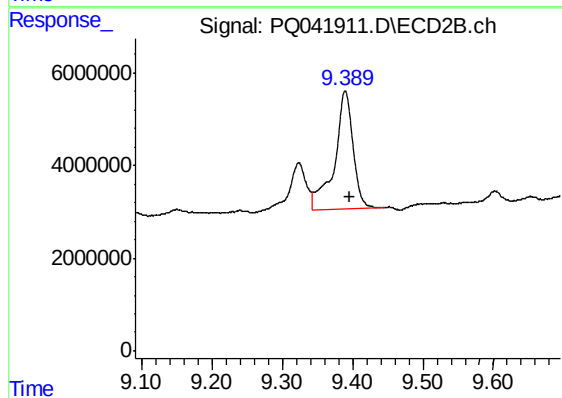
#41 AR-1268-1

R.T.: 9.323 min
Delta R.T.: -0.005 min
Response: 18133633
Conc: 15.86 ng/ml



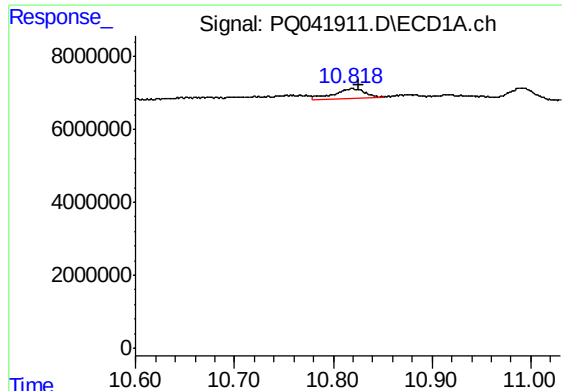
#42 AR-1268-2

R.T.: 10.571 min
Delta R.T.: -0.011 min
Response: 11795245
Conc: 8.94 ng/ml



#42 AR-1268-2

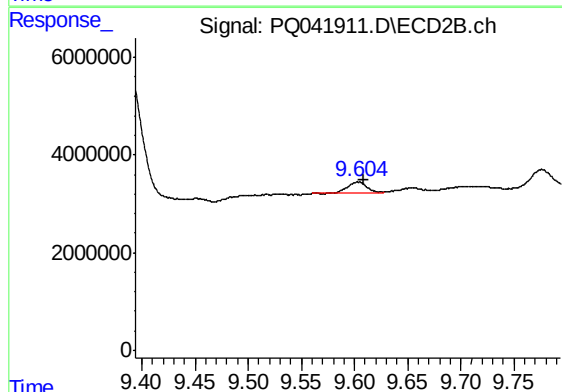
R.T.: 9.389 min
Delta R.T.: -0.006 min
Response: 47180249
Conc: 45.96 ng/ml



#43 AR-1268-3

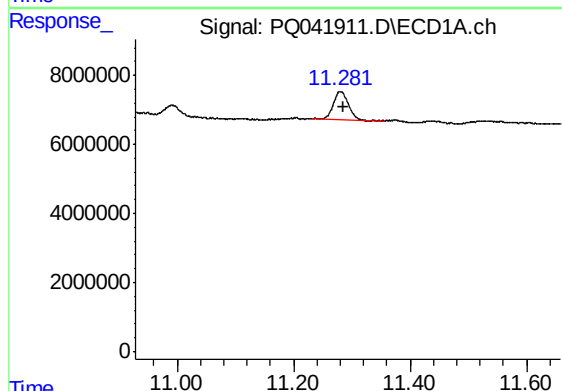
R.T.: 10.819 min
Delta R.T.: -0.006 min
Response: 5442688
Conc: 4.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



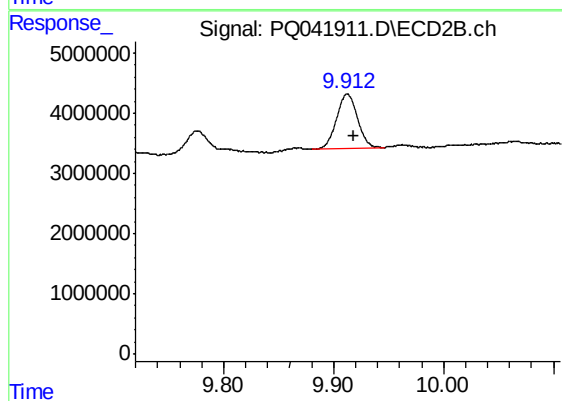
#43 AR-1268-3

R.T.: 9.603 min
Delta R.T.: -0.006 min
Response: 2604973
Conc: 3.00 ng/ml



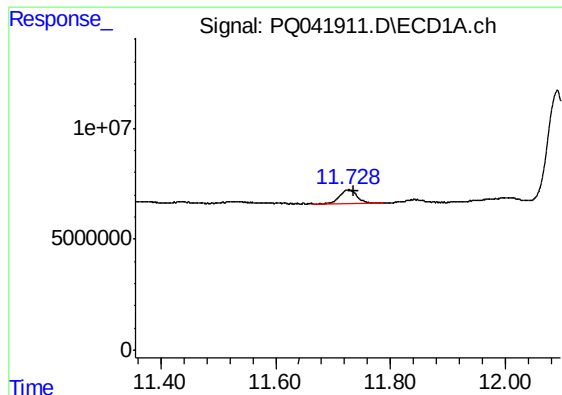
#44 AR-1268-4

R.T.: 11.280 min
Delta R.T.: -0.006 min
Response: 14371304
Conc: 26.40 ng/ml



#44 AR-1268-4

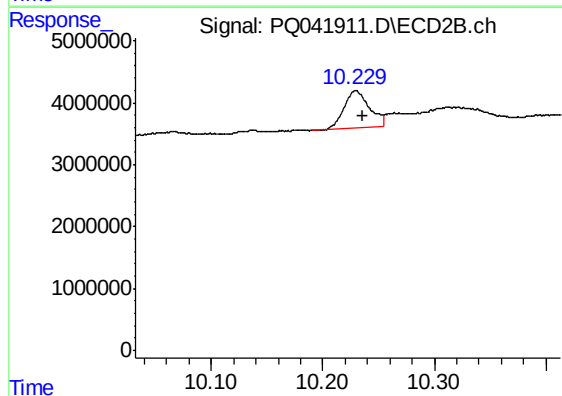
R.T.: 9.912 min
Delta R.T.: -0.006 min
Response: 12073605
Conc: 31.39 ng/ml



#45 AR-1268-5

R.T.: 11.728 min
Delta R.T.: -0.007 min
Response: 12522950
Conc: 3.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT7



#45 AR-1268-5

R.T.: 10.230 min
Delta R.T.: -0.006 min
Response: 9478362
Conc: 3.65 ng/ml