

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090919\
 Data File : PQ043406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2019 14:53
 Operator : SM\AJ
 Sample : K4633-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 F2D08

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 04:32:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 07 03:03:15 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...	5.699	4.787	66211419	22767528	17.549	17.059
2)	SA Decachlor...	12.092	10.564	314.1E6	135.3E6	34.316	29.851
Target Compounds							
3)	L1 AR-1016-1	0.000	6.236	0	5272980	N.D.	77.346 #
4)	L1 AR-1016-2	0.000	6.236	0	5272980	N.D.	57.636 #
6)	L1 AR-1016-4	0.000	6.603	0	1951104	N.D.	47.603 #
7)	L1 AR-1016-5	7.685	6.729	12296763	956518	102.349	16.851 #
8)	L2 AR-1221-1	5.979	0.000	2196601	0	45.534	N.D. #
9)	L2 AR-1221-2	6.093	0.000	5302537	0	159.222	N.D. #
10)	L2 AR-1221-3	6.183	0.000	2168277	0	19.107	N.D. #
11)	L3 AR-1232-1	6.183	0.000	2168277	0	31.326	N.D. #
12)	L3 AR-1232-2	0.000	6.236	0	5272980	N.D.	170.749 #
14)	L3 AR-1232-4	0.000	6.603	0	1951104	N.D.	126.962 #
15)	L3 AR-1232-5	7.457	6.729	5325819	956518	183.960	53.707 #
16)	L4 AR-1242-1	0.000	6.236	0	5272980	N.D.	93.839 #
17)	L4 AR-1242-2	0.000	6.236	0	5272980	N.D.	70.379 #
19)	L4 AR-1242-4	0.000	6.603	0	1951104	N.D.	47.138 #
20)	L4 AR-1242-5	8.135	7.197	9053260	1582283	71.091	25.749 #
21)	L5 AR-1248-1	0.000	6.236	0	5272980	N.D.	106.767 #
22)	L5 AR-1248-2	7.457	6.603	5325819	1951104	33.550	29.438
23)	L5 AR-1248-3	7.685	6.603	12296763	1951104	62.891	28.428 #
24)	L5 AR-1248-4	8.135	6.729	9053260	956518	37.752	11.092 #
25)	L5 AR-1248-5	8.135	7.197	9053260	1582283	38.809	15.981 #
26)	L6 AR-1254-1	8.098	7.197	8579514	1582283	39.814	11.560 #
27)	L6 AR-1254-2	8.340	7.362	42723090	740459	120.021	5.876 #
28)	L6 AR-1254-3	8.737	7.811	28265296	24512813	68.762	107.928 #
29)	L6 AR-1254-4	9.032	8.058	10449620	15534344	32.218	99.222 #
30)	L6 AR-1254-5	9.472	8.508	30129612	21841041	81.490	93.381
31)	L7 AR-1260-1	8.905	7.953	14654945	18454479	57.587	140.437 #
32)	L7 AR-1260-2	9.176	8.156	18222831	40340038	55.955	238.684 #
33)	L7 AR-1260-3	9.551	8.325	62508708	22303295	237.757	140.188 #
34)	L7 AR-1260-4	9.795	8.820	21795391	33429066	67.645	217.827 #
35)	L7 AR-1260-5	10.140	9.071	98691859	72281134	139.038	178.492 #
36)	L8 AR-1262-1	9.551	8.603	62508708	25426615	134.914	255.898 #
37)	L8 AR-1262-2	10.140	9.071	98691859	72281134	106.700	143.063 #
38)	L8 AR-1262-3	10.474	9.367	165.9E6	85794661	248.636	403.077 #
39)	L8 AR-1262-4	10.575	9.434	187.6E6	83314059	377.457	207.535 #
40)	L8 AR-1262-5	11.281	9.958	131.6E6	58501846	314.779	299.334
41)	L9 AR-1268-1	10.474	9.367	165.9E6	85794661	151.179	151.815
42)	L9 AR-1268-2	10.575	9.434	187.6E6	83314059	181.639	160.059
43)	L9 AR-1268-3	10.820	9.651	40599339	25306199	46.924	61.516 #
44)	L9 AR-1268-4	11.281	9.958	131.6E6	58501846	303.746	287.547

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 Acq On : 09 Sep 2019 14:53
 Operator : SM\AJ
 Sample : K4633-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

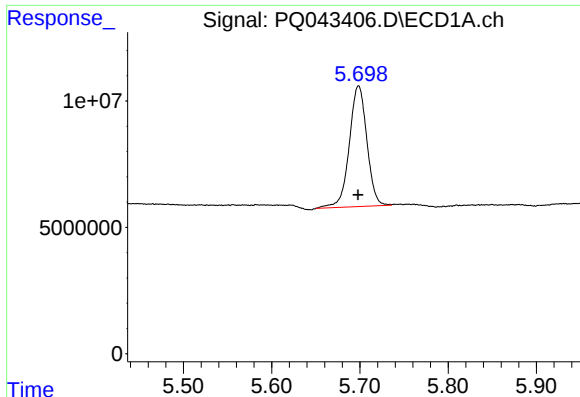
Instrument :
 ECD_Q
 ClientSampleId :
 F2D08

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 04:32:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090619CLP.M
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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	10.281	263.5E6	116.8E6	76.560	73.606

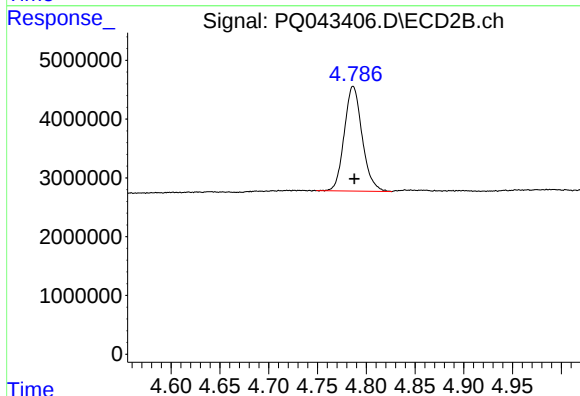
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

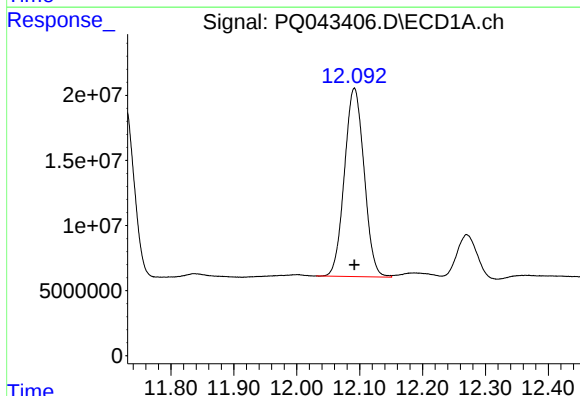
R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 66211419
Conc: 17.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



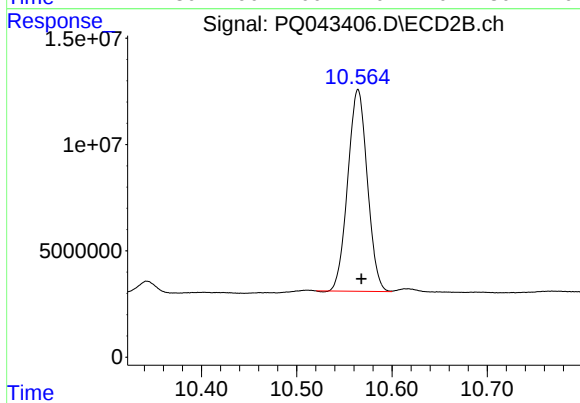
#1 Tetrachloro-m-xylene

R.T.: 4.787 min
Delta R.T.: -0.001 min
Response: 22767528
Conc: 17.06 ng/ml



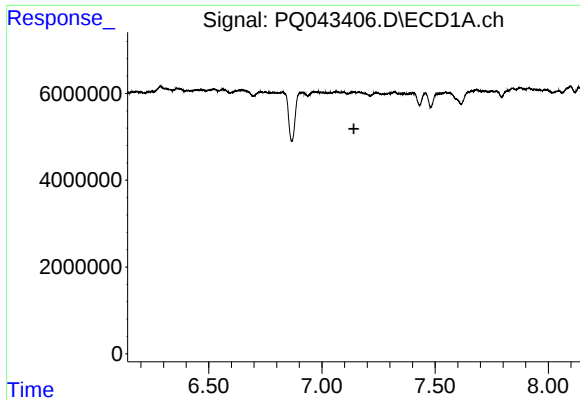
#2 Decachlorobiphenyl

R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 314145535
Conc: 34.32 ng/ml



#2 Decachlorobiphenyl

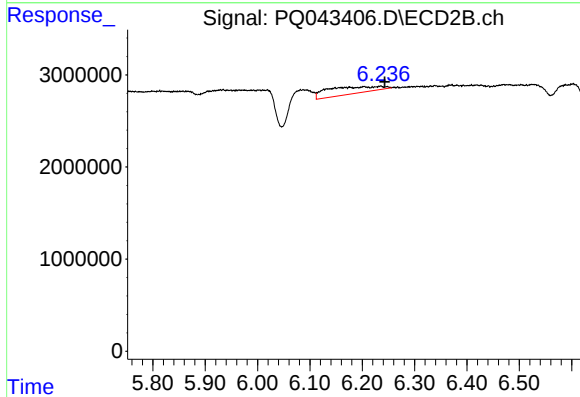
R.T.: 10.564 min
Delta R.T.: -0.004 min
Response: 135285666
Conc: 29.85 ng/ml



#3 AR-1016-1

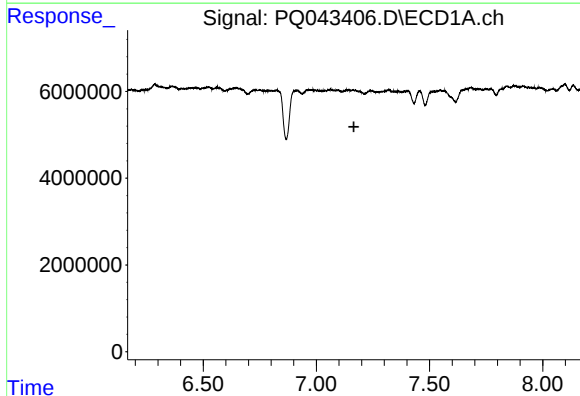
R.T.: 0.000 min
Exp R.T.: 7.141 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
F2D08



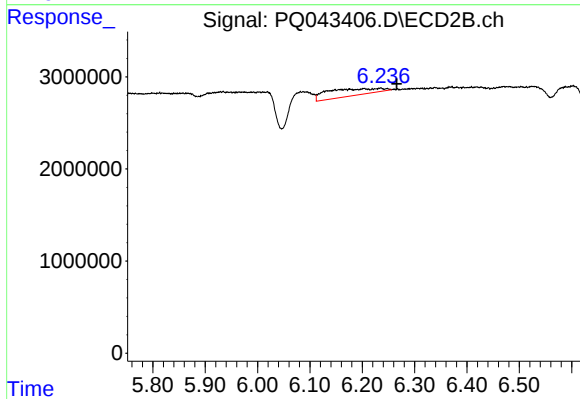
#3 AR-1016-1

R.T.: 6.236 min
Delta R.T.: -0.007 min
Response: 5272980
Conc: 77.35 ng/ml



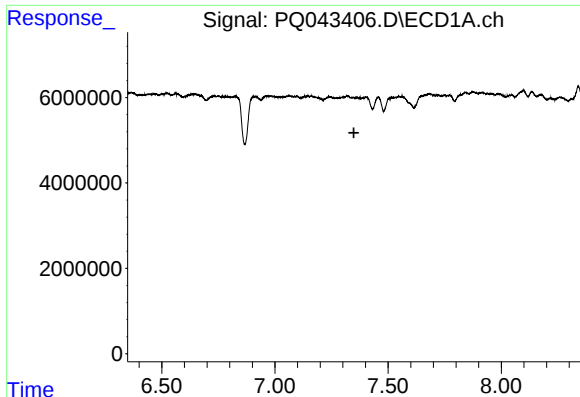
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.166 min
Response: 0
Conc: N.D.



#4 AR-1016-2

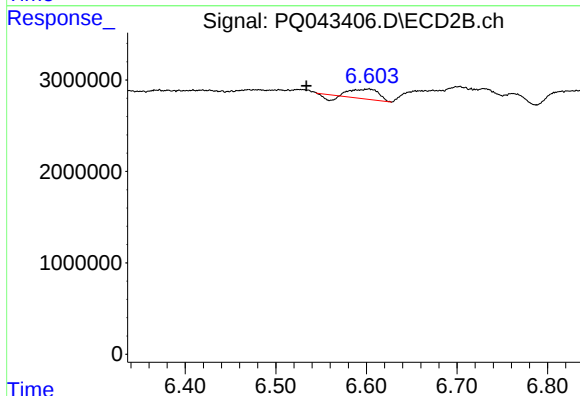
R.T.: 6.236 min
Delta R.T.: -0.030 min
Response: 5272980
Conc: 57.64 ng/ml



#6 AR-1016-4

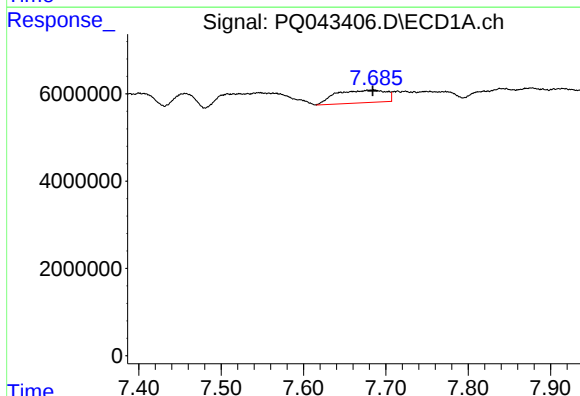
R.T.: 0.000 min
Exp R.T.: 7.349 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
F2D08



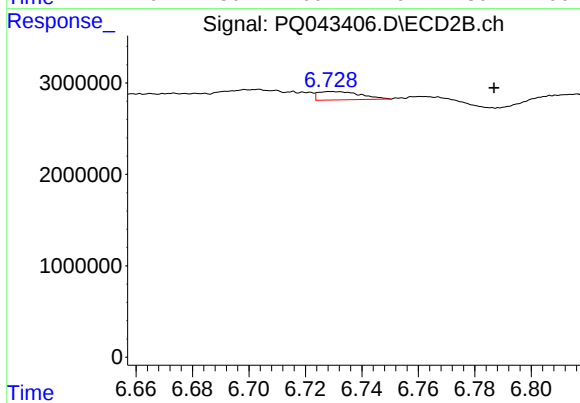
#6 AR-1016-4

R.T.: 6.603 min
Delta R.T.: 0.069 min
Response: 1951104
Conc: 47.60 ng/ml



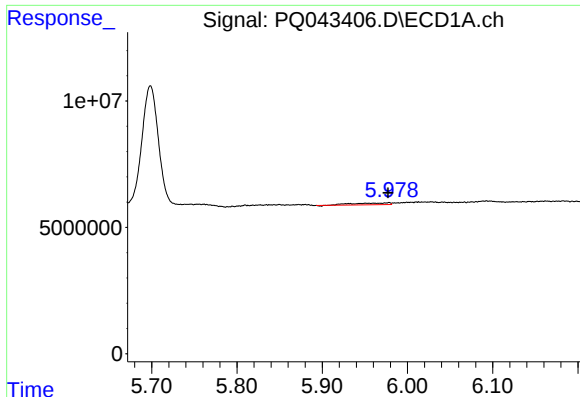
#7 AR-1016-5

R.T.: 7.685 min
Delta R.T.: 0.001 min
Response: 12296763
Conc: 102.35 ng/ml



#7 AR-1016-5

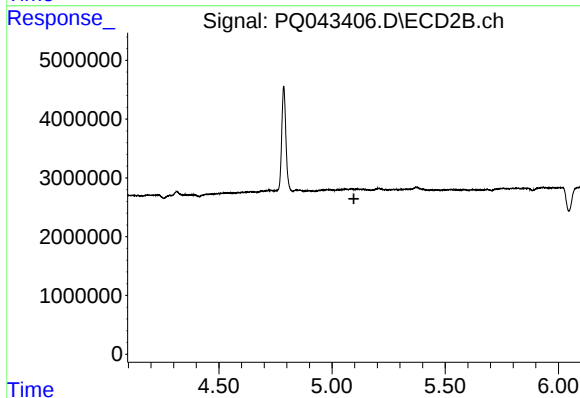
R.T.: 6.729 min
Delta R.T.: -0.057 min
Response: 956518
Conc: 16.85 ng/ml



#8 AR-1221-1

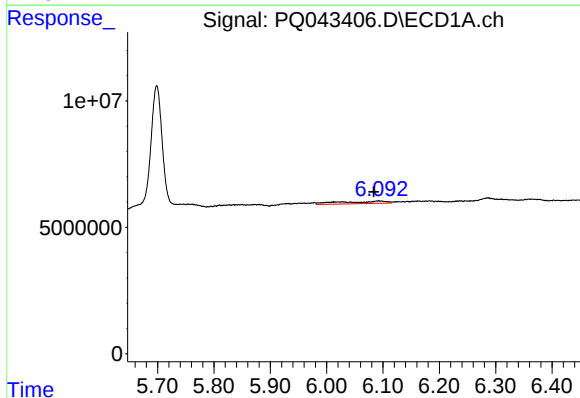
R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 2196601
Conc: 45.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



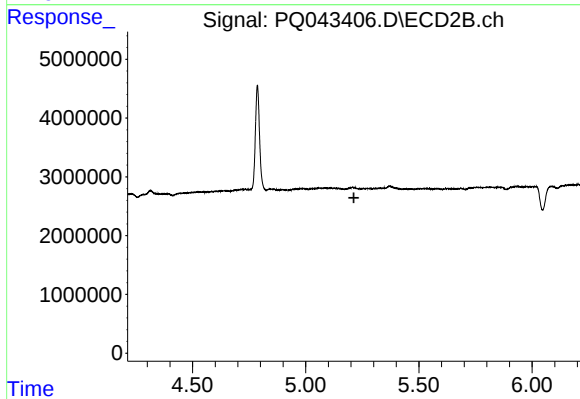
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.096 min
Response: 0
Conc: N.D.



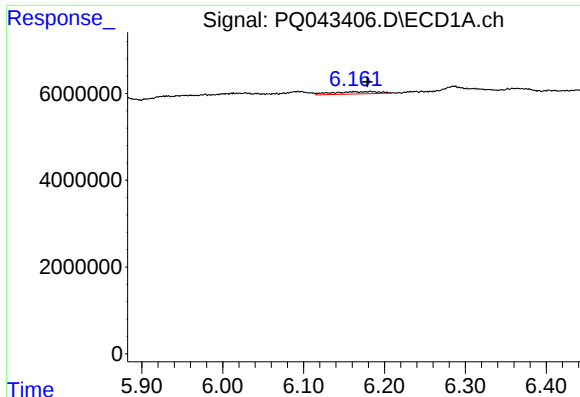
#9 AR-1221-2

R.T.: 6.093 min
Delta R.T.: 0.009 min
Response: 5302537
Conc: 159.22 ng/ml



#9 AR-1221-2

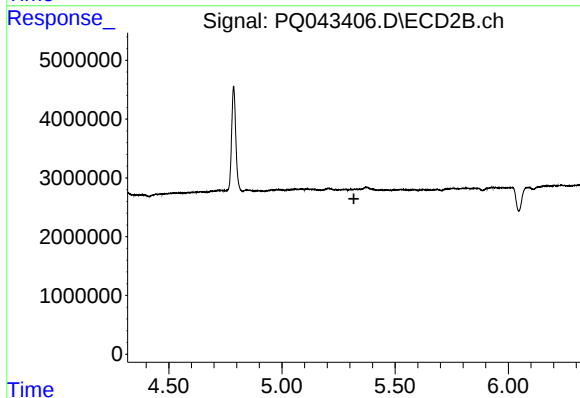
R.T.: 0.000 min
Exp R.T. : 5.213 min
Response: 0
Conc: N.D.



#10 AR-1221-3

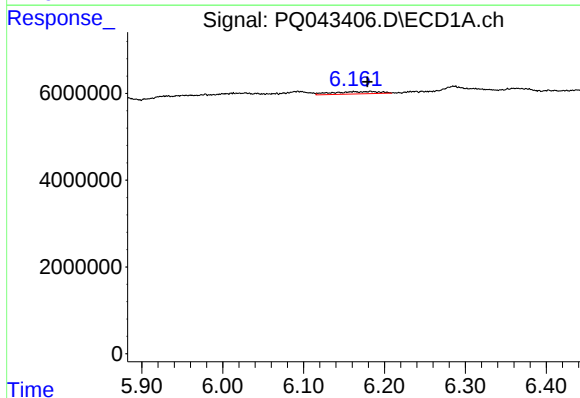
R.T.: 6.183 min
Delta R.T.: 0.004 min
Response: 2168277
Conc: 19.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



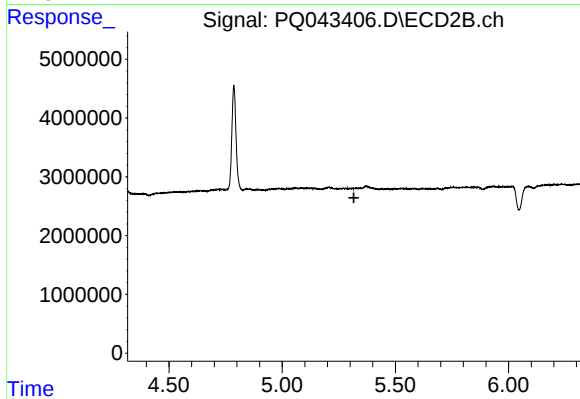
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.318 min
Response: 0
Conc: N.D.



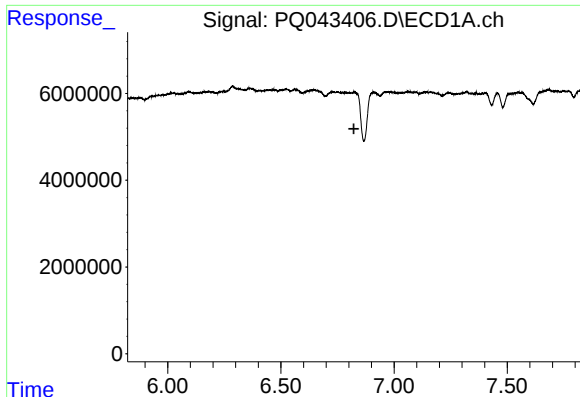
#11 AR-1232-1

R.T.: 6.183 min
Delta R.T.: 0.004 min
Response: 2168277
Conc: 31.33 ng/ml



#11 AR-1232-1

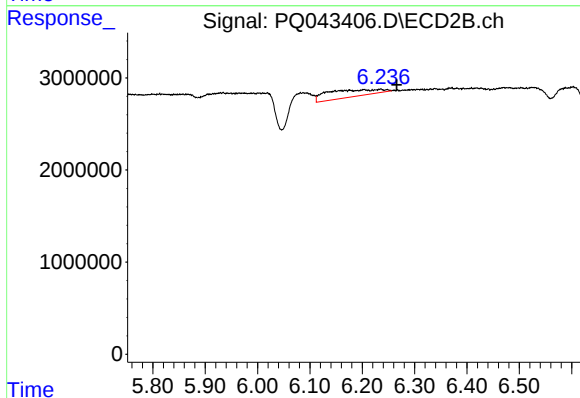
R.T.: 0.000 min
Exp R.T. : 5.317 min
Response: 0
Conc: N.D.



#12 AR-1232-2

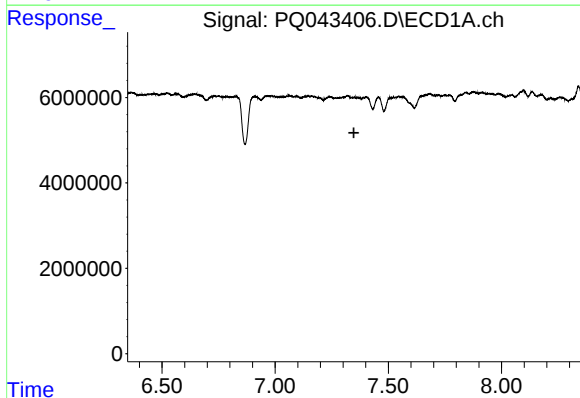
R.T.: 0.000 min
Exp R.T.: 6.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
F2D08



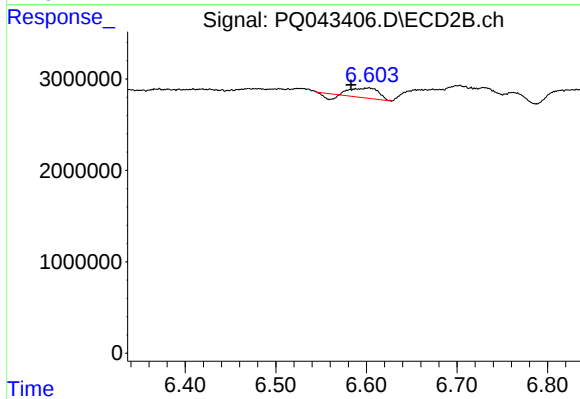
#12 AR-1232-2

R.T.: 6.236 min
Delta R.T.: -0.030 min
Response: 5272980
Conc: 170.75 ng/ml



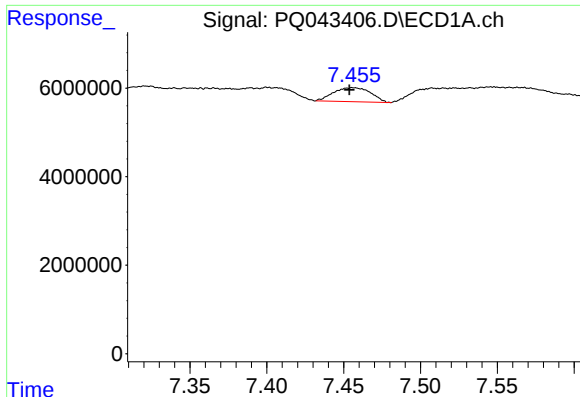
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 7.348 min
Response: 0
Conc: N.D.



#14 AR-1232-4

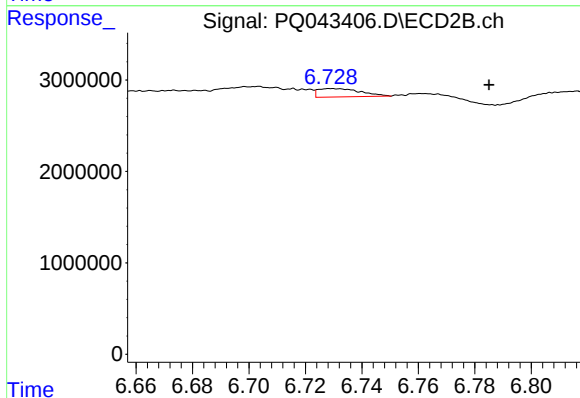
R.T.: 6.603 min
Delta R.T.: 0.020 min
Response: 1951104
Conc: 126.96 ng/ml



#15 AR-1232-5

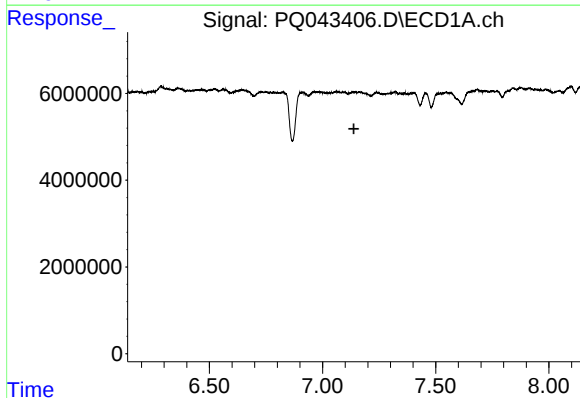
R.T.: 7.457 min
Delta R.T.: 0.003 min
Response: 5325819
Conc: 183.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



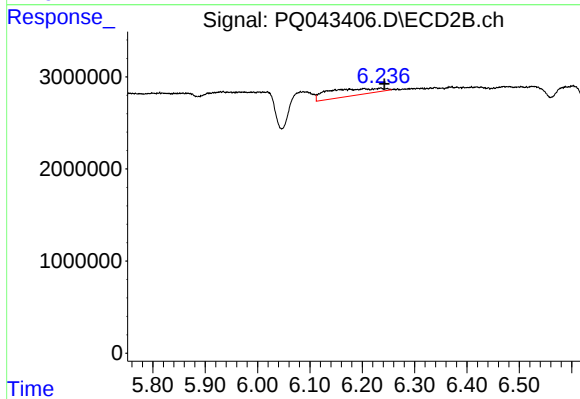
#15 AR-1232-5

R.T.: 6.729 min
Delta R.T.: -0.056 min
Response: 956518
Conc: 53.71 ng/ml



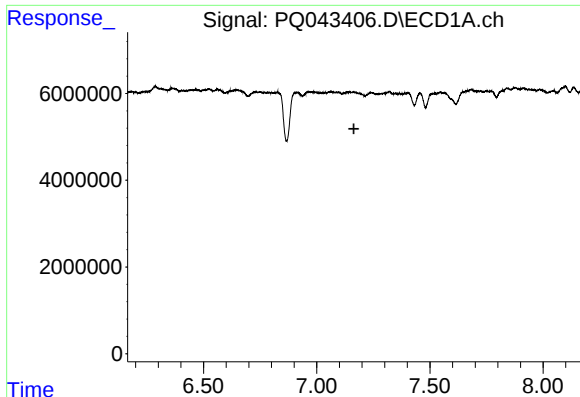
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.139 min
Response: 0
Conc: N.D.



#16 AR-1242-1

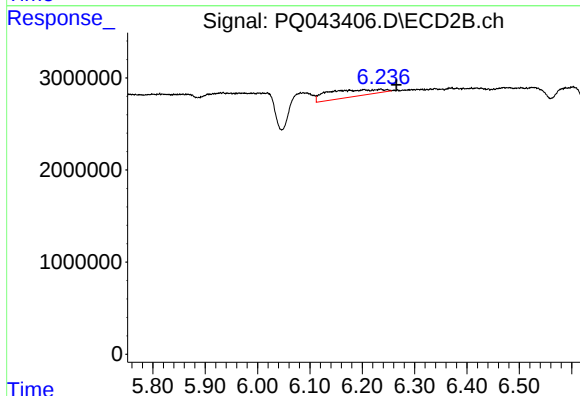
R.T.: 6.236 min
Delta R.T.: -0.007 min
Response: 5272980
Conc: 93.84 ng/ml



#17 AR-1242-2

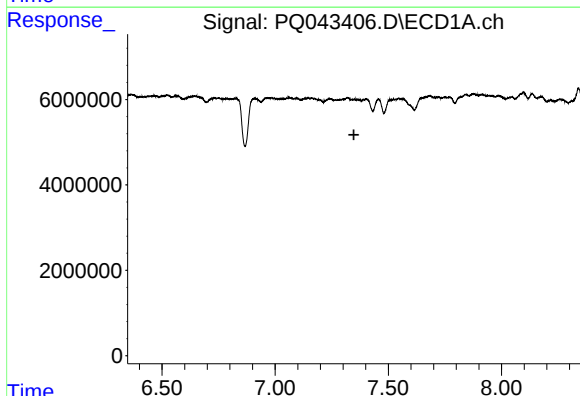
R.T.: 0.000 min
Exp R.T.: 7.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
F2D08



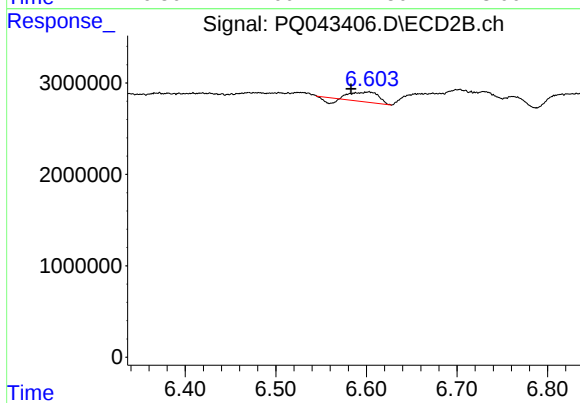
#17 AR-1242-2

R.T.: 6.236 min
Delta R.T.: -0.030 min
Response: 5272980
Conc: 70.38 ng/ml



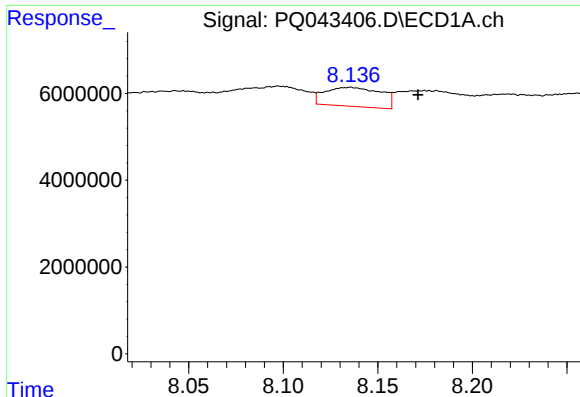
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 7.348 min
Response: 0
Conc: N.D.



#19 AR-1242-4

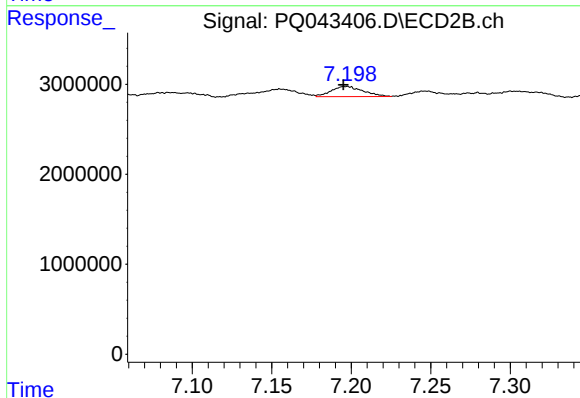
R.T.: 6.603 min
Delta R.T.: 0.020 min
Response: 1951104
Conc: 47.14 ng/ml



#20 AR-1242-5

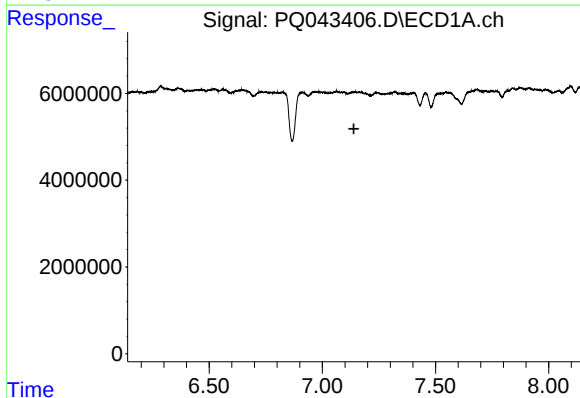
R.T.: 8.135 min
Delta R.T.: -0.036 min
Response: 9053260
Conc: 71.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



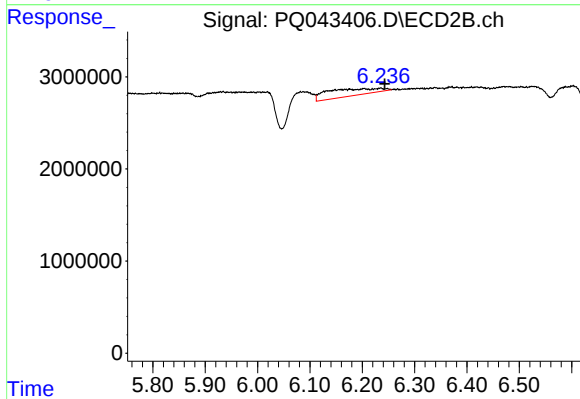
#20 AR-1242-5

R.T.: 7.197 min
Delta R.T.: 0.001 min
Response: 1582283
Conc: 25.75 ng/ml



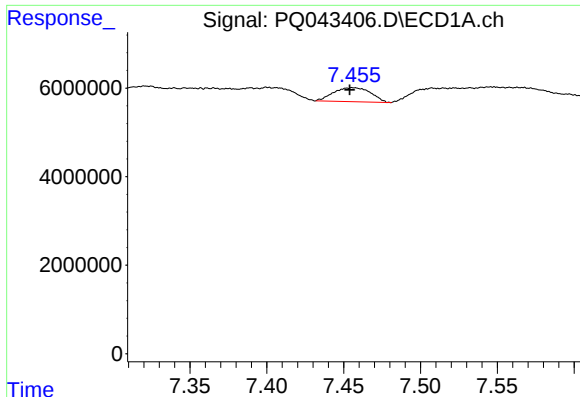
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 7.140 min
Response: 0
Conc: N.D.



#21 AR-1248-1

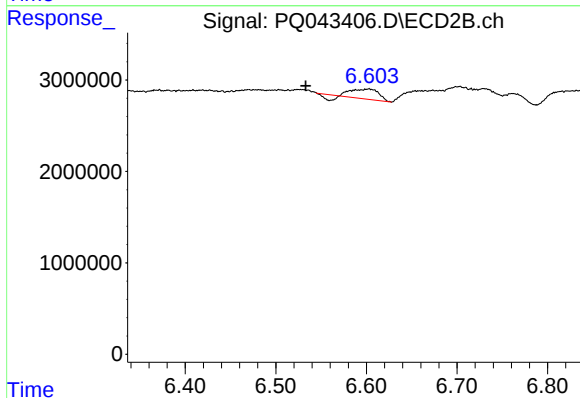
R.T.: 6.236 min
Delta R.T.: -0.007 min
Response: 5272980
Conc: 106.77 ng/ml



#22 AR-1248-2

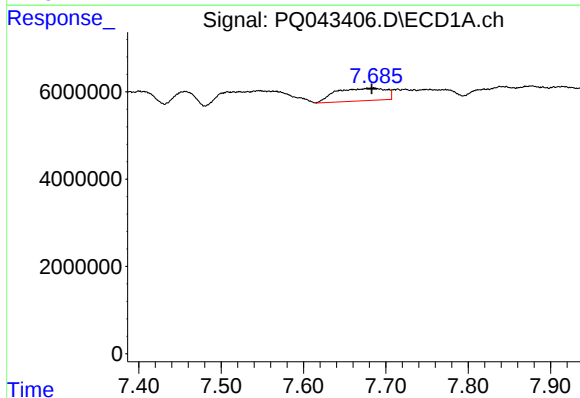
R.T.: 7.457 min
Delta R.T.: 0.003 min
Response: 5325819
Conc: 33.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



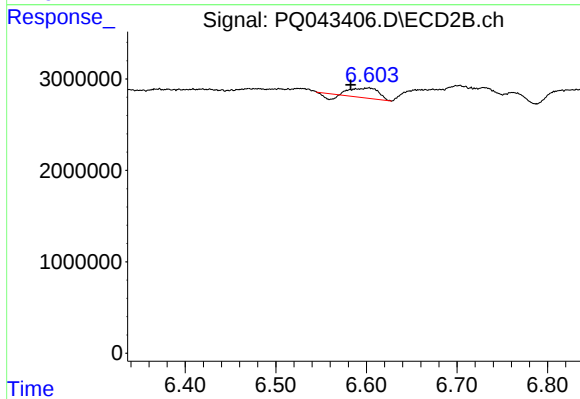
#22 AR-1248-2

R.T.: 6.603 min
Delta R.T.: 0.070 min
Response: 1951104
Conc: 29.44 ng/ml



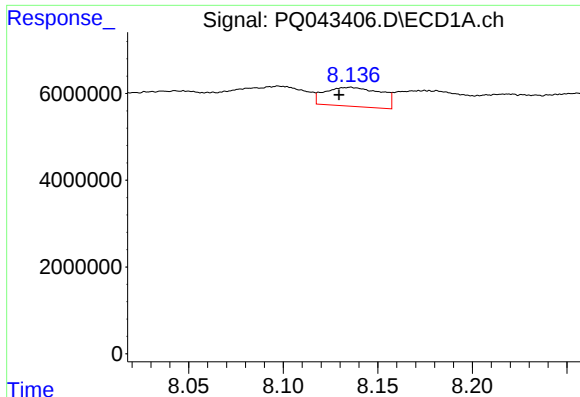
#23 AR-1248-3

R.T.: 7.685 min
Delta R.T.: 0.003 min
Response: 12296763
Conc: 62.89 ng/ml



#23 AR-1248-3

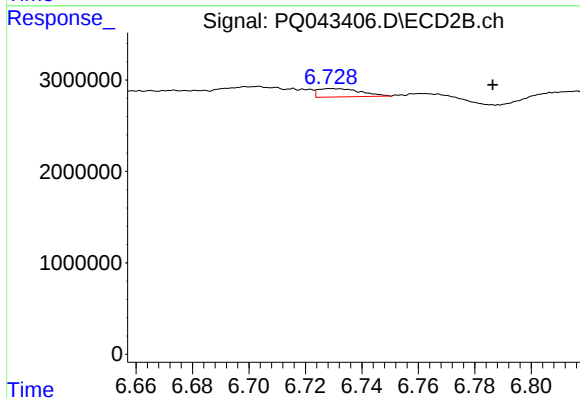
R.T.: 6.603 min
Delta R.T.: 0.020 min
Response: 1951104
Conc: 28.43 ng/ml



#24 AR-1248-4

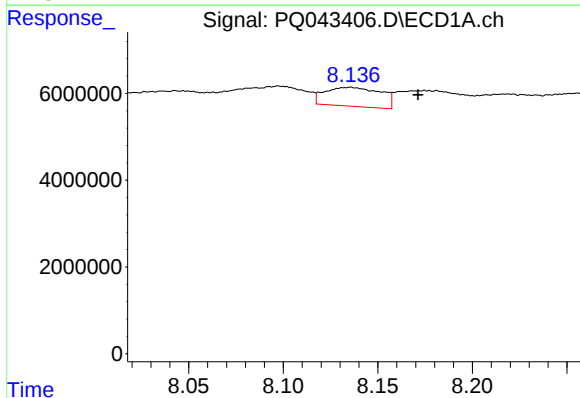
R.T.: 8.135 min
Delta R.T.: 0.006 min
Response: 9053260
Conc: 37.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



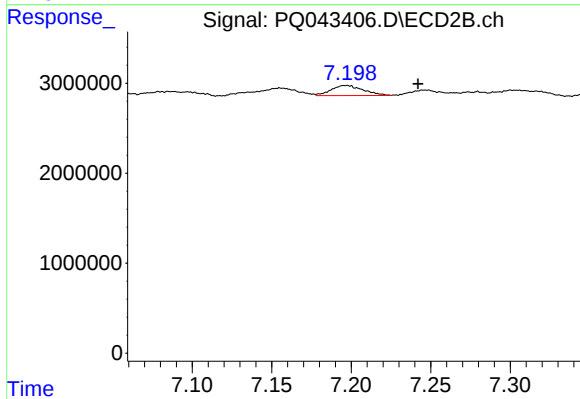
#24 AR-1248-4

R.T.: 6.729 min
Delta R.T.: -0.057 min
Response: 956518
Conc: 11.09 ng/ml



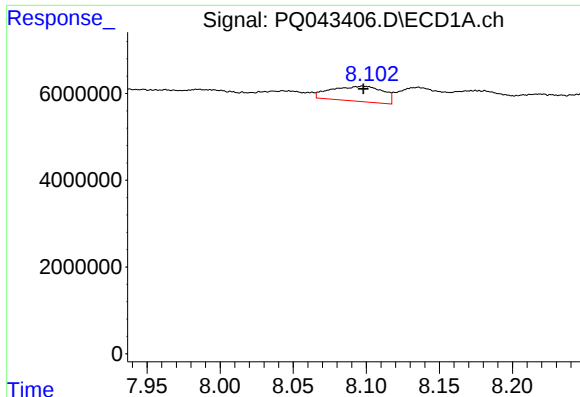
#25 AR-1248-5

R.T.: 8.135 min
Delta R.T.: -0.036 min
Response: 9053260
Conc: 38.81 ng/ml



#25 AR-1248-5

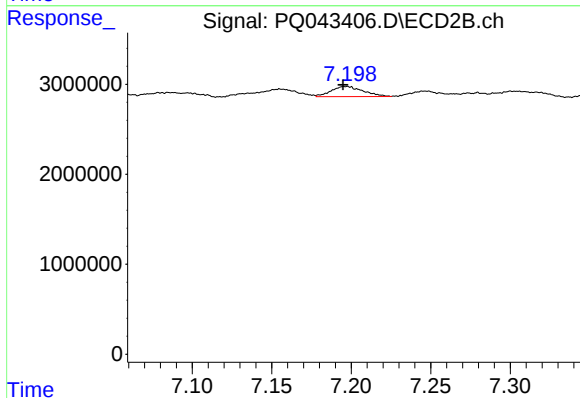
R.T.: 7.197 min
Delta R.T.: -0.045 min
Response: 1582283
Conc: 15.98 ng/ml



#26 AR-1254-1

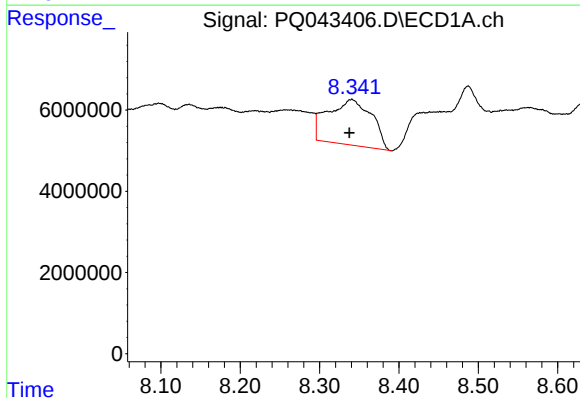
R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 8579514
Conc: 39.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



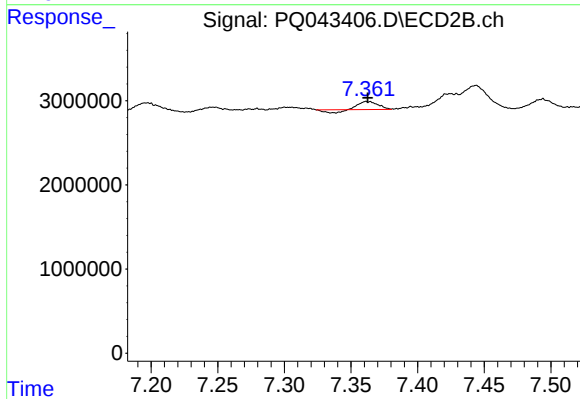
#26 AR-1254-1

R.T.: 7.197 min
Delta R.T.: 0.002 min
Response: 1582283
Conc: 11.56 ng/ml



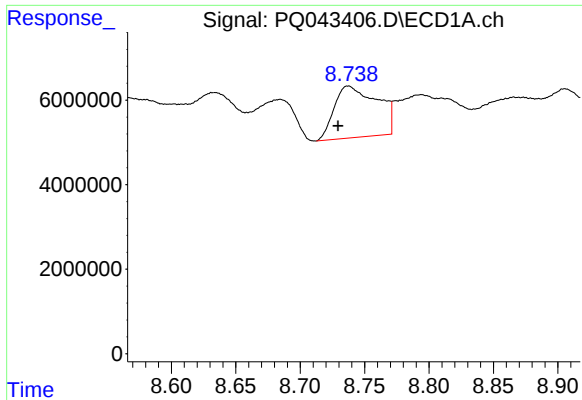
#27 AR-1254-2

R.T.: 8.340 min
Delta R.T.: 0.003 min
Response: 42723090
Conc: 120.02 ng/ml



#27 AR-1254-2

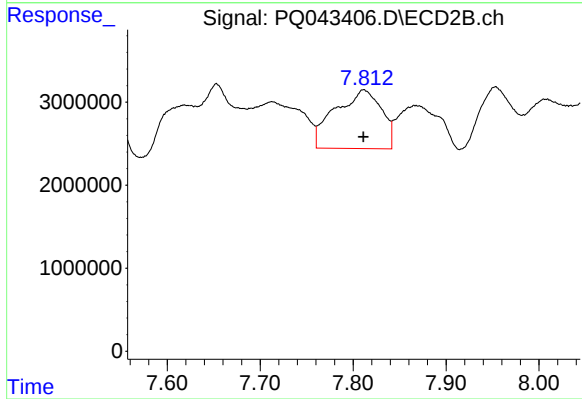
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 740459
Conc: 5.88 ng/ml



#28 AR-1254-3

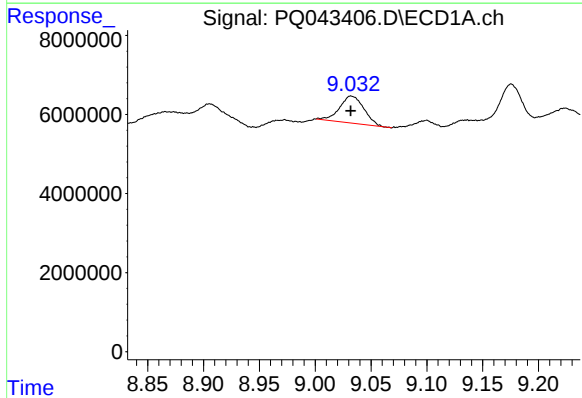
R.T.: 8.737 min
Delta R.T.: 0.008 min
Response: 28265296
Conc: 68.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



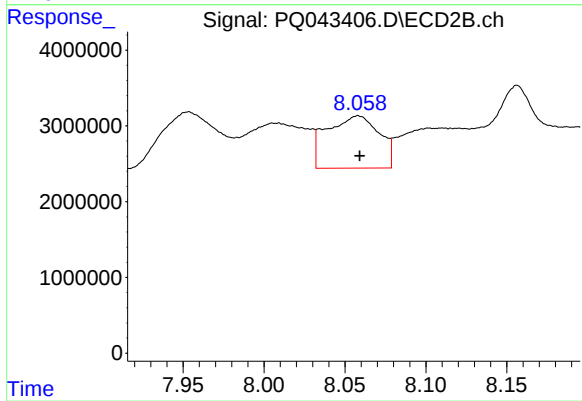
#28 AR-1254-3

R.T.: 7.811 min
Delta R.T.: 0.000 min
Response: 24512813
Conc: 107.93 ng/ml



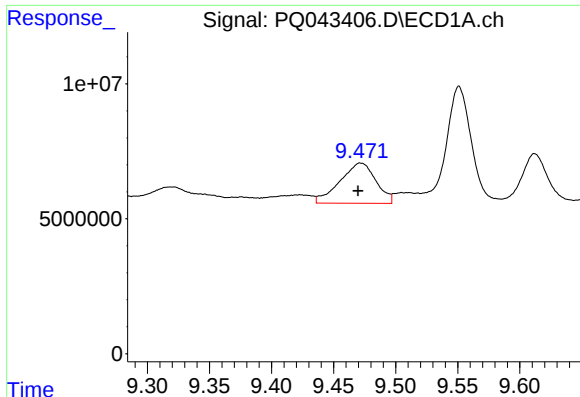
#29 AR-1254-4

R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 10449620
Conc: 32.22 ng/ml



#29 AR-1254-4

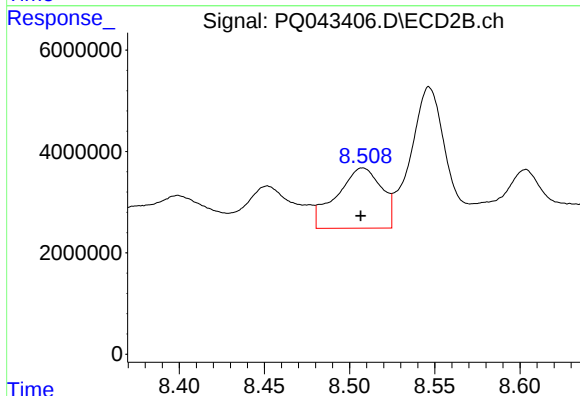
R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 15534344
Conc: 99.22 ng/ml



#30 AR-1254-5

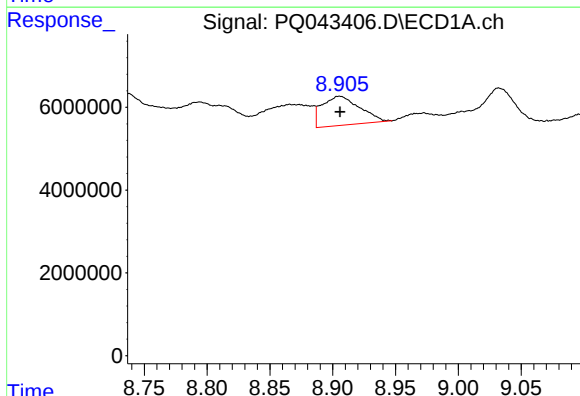
R.T.: 9.472 min
Delta R.T.: 0.002 min
Response: 30129612
Conc: 81.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



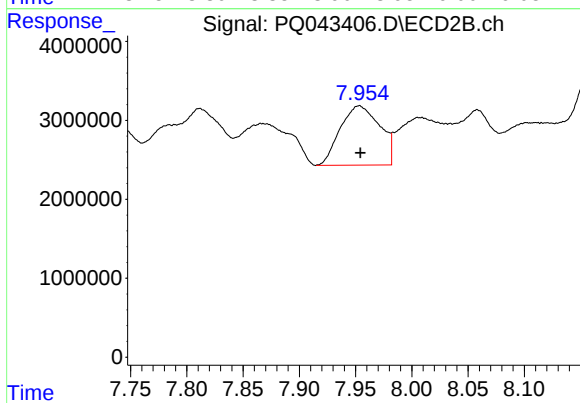
#30 AR-1254-5

R.T.: 8.508 min
Delta R.T.: 0.001 min
Response: 21841041
Conc: 93.38 ng/ml



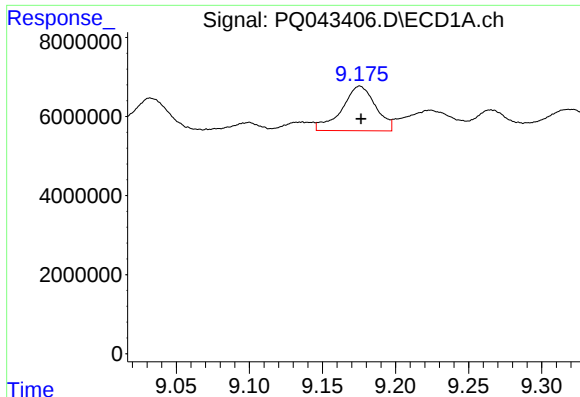
#31 AR-1260-1

R.T.: 8.905 min
Delta R.T.: 0.000 min
Response: 14654945
Conc: 57.59 ng/ml



#31 AR-1260-1

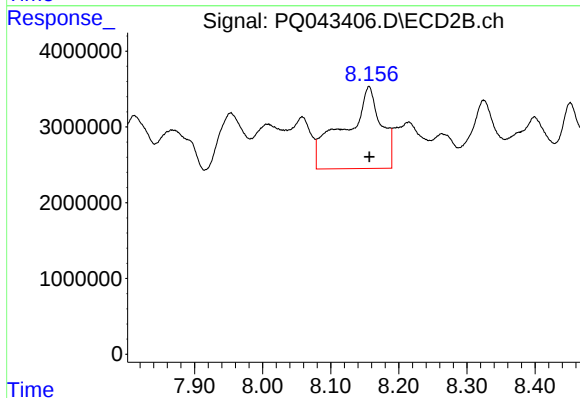
R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 18454479
Conc: 140.44 ng/ml



#32 AR-1260-2

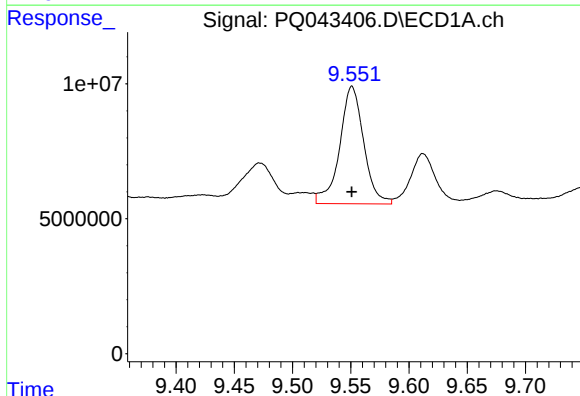
R.T.: 9.176 min
Delta R.T.: 0.000 min
Response: 18222831
Conc: 55.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



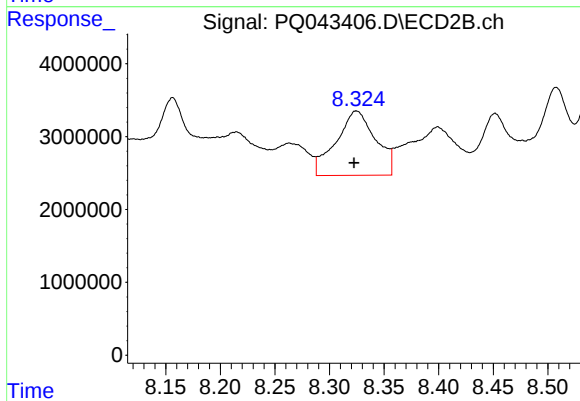
#32 AR-1260-2

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 40340038
Conc: 238.68 ng/ml



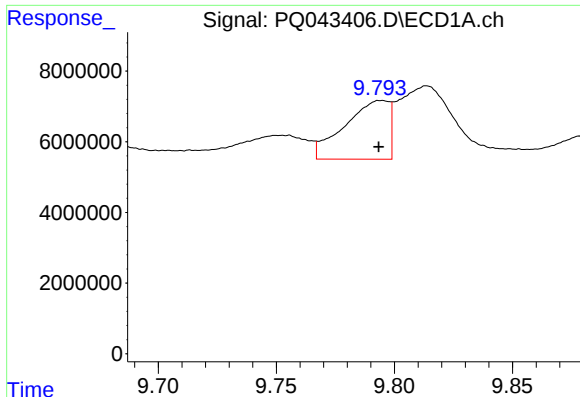
#33 AR-1260-3

R.T.: 9.551 min
Delta R.T.: 0.000 min
Response: 62508708
Conc: 237.76 ng/ml



#33 AR-1260-3

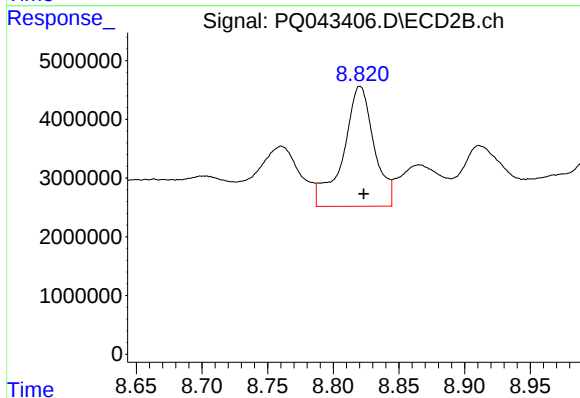
R.T.: 8.325 min
Delta R.T.: 0.002 min
Response: 22303295
Conc: 140.19 ng/ml



#34 AR-1260-4

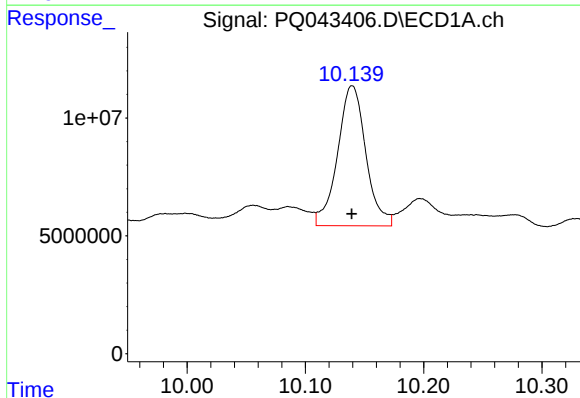
R.T.: 9.795 min
Delta R.T.: 0.001 min
Response: 21795391
Conc: 67.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



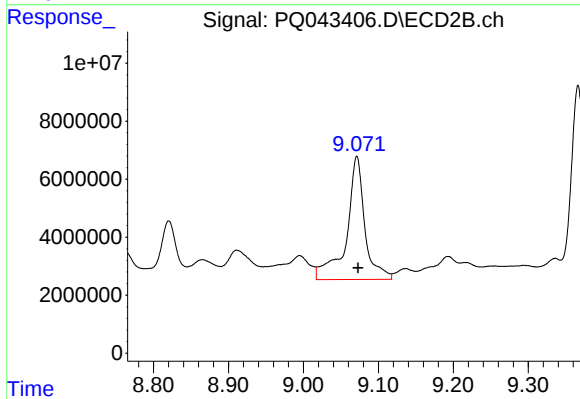
#34 AR-1260-4

R.T.: 8.820 min
Delta R.T.: -0.003 min
Response: 33429066
Conc: 217.83 ng/ml



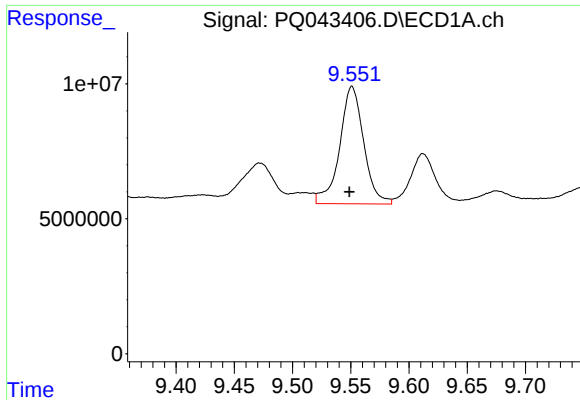
#35 AR-1260-5

R.T.: 10.140 min
Delta R.T.: 0.000 min
Response: 98691859
Conc: 139.04 ng/ml



#35 AR-1260-5

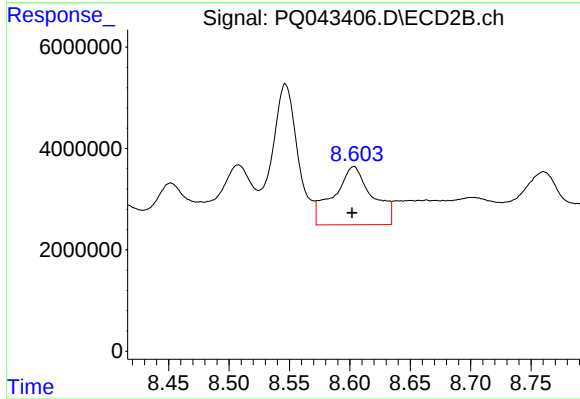
R.T.: 9.071 min
Delta R.T.: -0.002 min
Response: 72281134
Conc: 178.49 ng/ml



#36 AR-1262-1

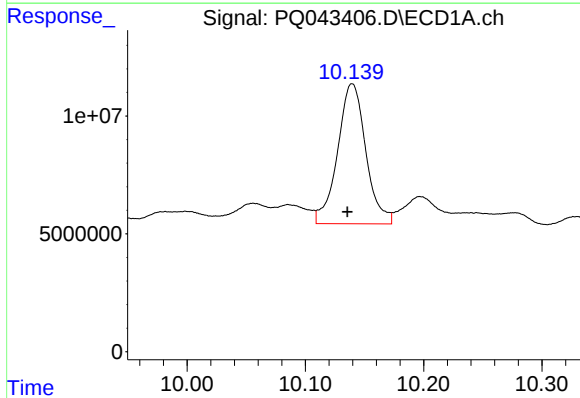
R.T.: 9.551 min
Delta R.T.: 0.002 min
Response: 62508708
Conc: 134.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



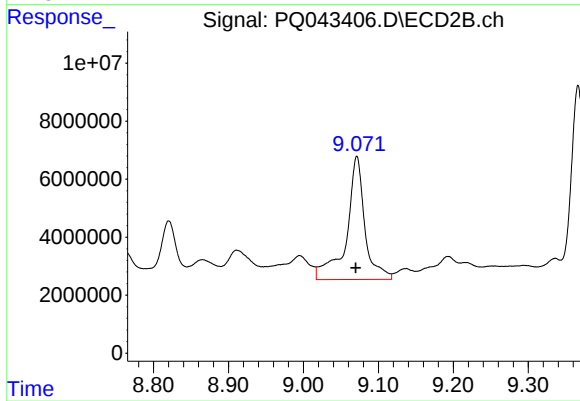
#36 AR-1262-1

R.T.: 8.603 min
Delta R.T.: 0.002 min
Response: 25426615
Conc: 255.90 ng/ml



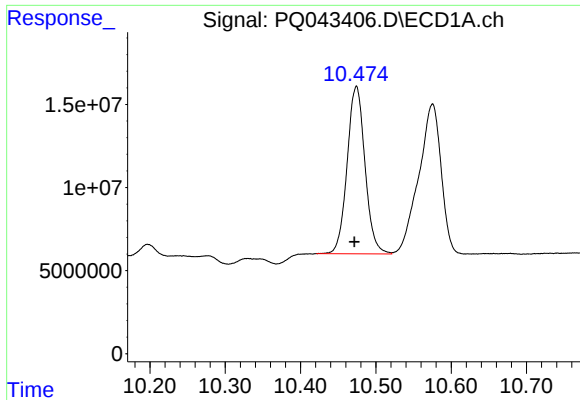
#37 AR-1262-2

R.T.: 10.140 min
Delta R.T.: 0.004 min
Response: 98691859
Conc: 106.70 ng/ml



#37 AR-1262-2

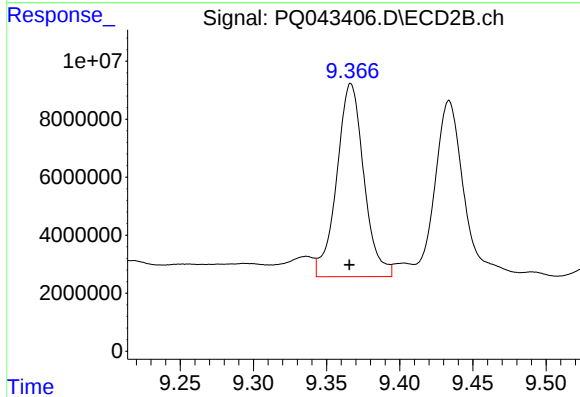
R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 72281134
Conc: 143.06 ng/ml



#38 AR-1262-3

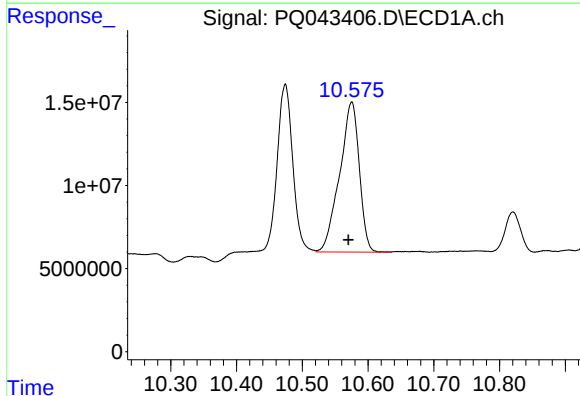
R.T.: 10.474 min
Delta R.T.: 0.003 min
Response: 165904516
Conc: 248.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



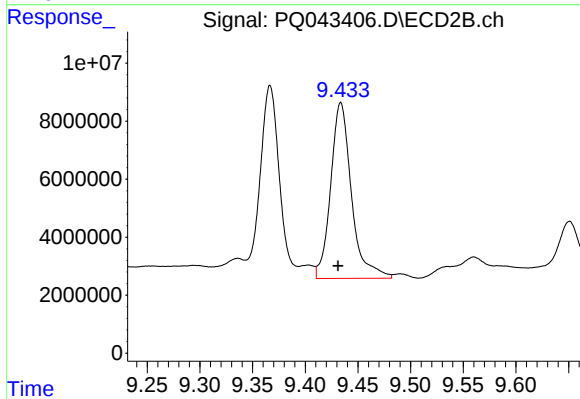
#38 AR-1262-3

R.T.: 9.367 min
Delta R.T.: 0.001 min
Response: 85794661
Conc: 403.08 ng/ml



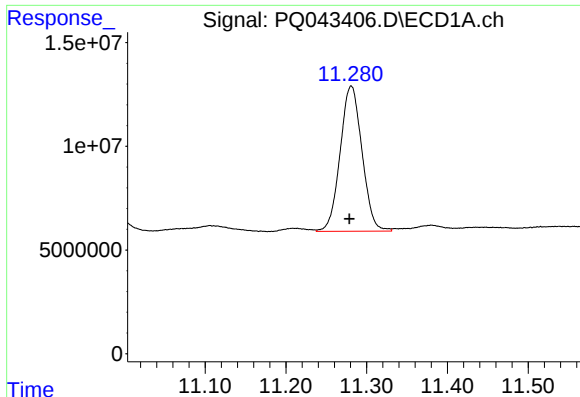
#39 AR-1262-4

R.T.: 10.575 min
Delta R.T.: 0.005 min
Response: 187579023
Conc: 377.46 ng/ml



#39 AR-1262-4

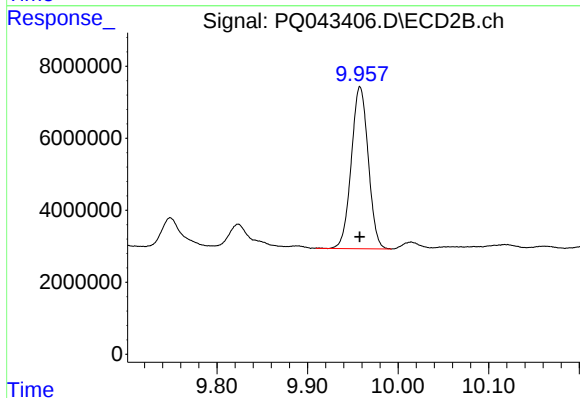
R.T.: 9.434 min
Delta R.T.: 0.002 min
Response: 83314059
Conc: 207.54 ng/ml



#40 AR-1262-5

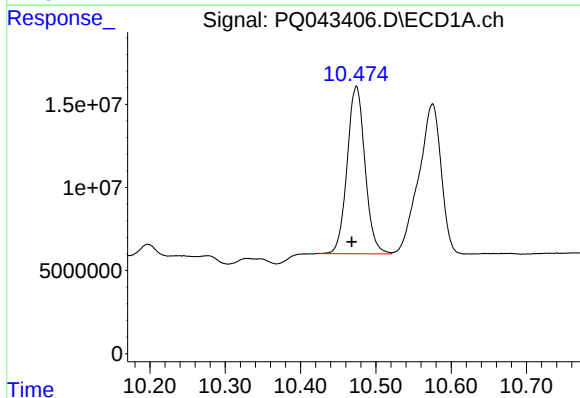
R.T.: 11.281 min
Delta R.T.: 0.002 min
Response: 131618202
Conc: 314.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



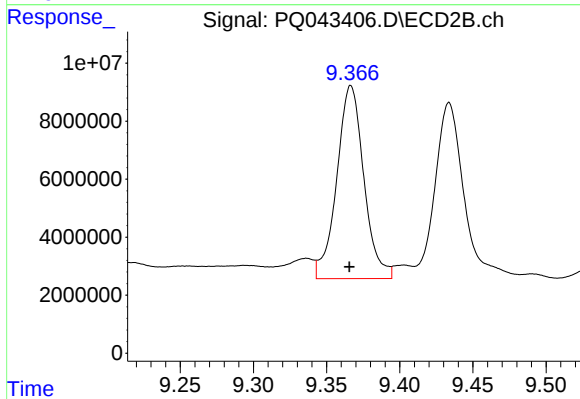
#40 AR-1262-5

R.T.: 9.958 min
Delta R.T.: 0.000 min
Response: 58501846
Conc: 299.33 ng/ml



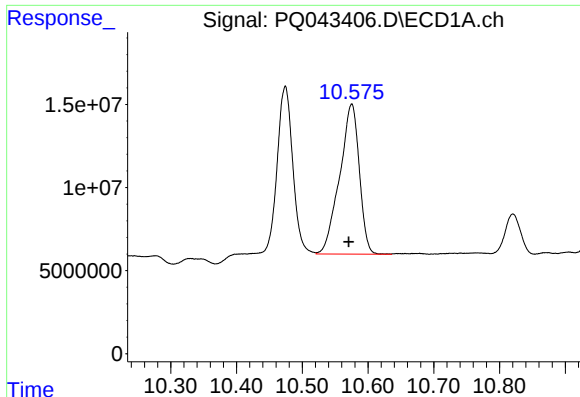
#41 AR-1268-1

R.T.: 10.474 min
Delta R.T.: 0.006 min
Response: 165904516
Conc: 151.18 ng/ml



#41 AR-1268-1

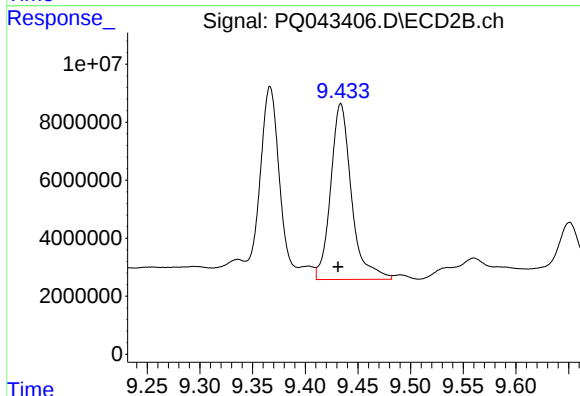
R.T.: 9.367 min
Delta R.T.: 0.000 min
Response: 85794661
Conc: 151.81 ng/ml



#42 AR-1268-2

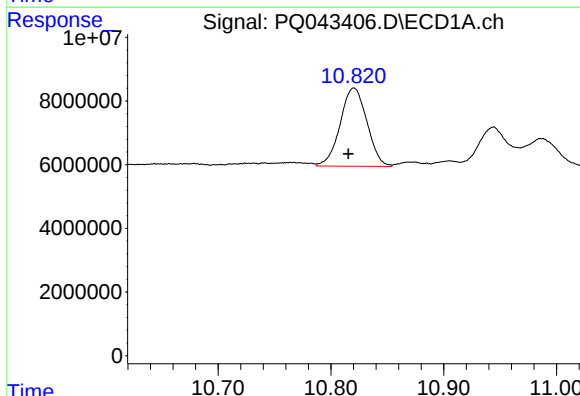
R.T.: 10.575 min
Delta R.T.: 0.005 min
Response: 187579023
Conc: 181.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



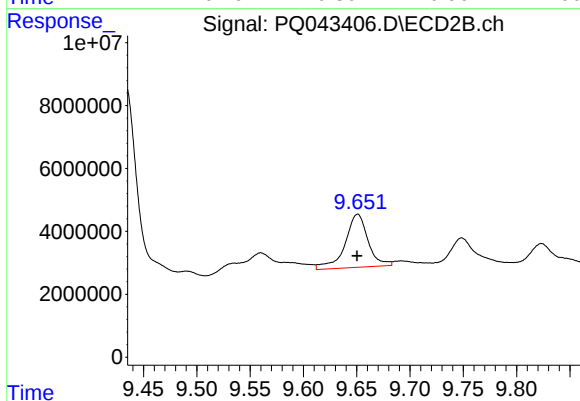
#42 AR-1268-2

R.T.: 9.434 min
Delta R.T.: 0.002 min
Response: 83314059
Conc: 160.06 ng/ml



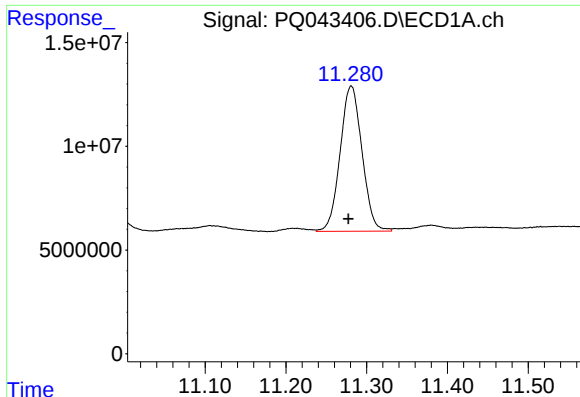
#43 AR-1268-3

R.T.: 10.820 min
Delta R.T.: 0.005 min
Response: 40599339
Conc: 46.92 ng/ml



#43 AR-1268-3

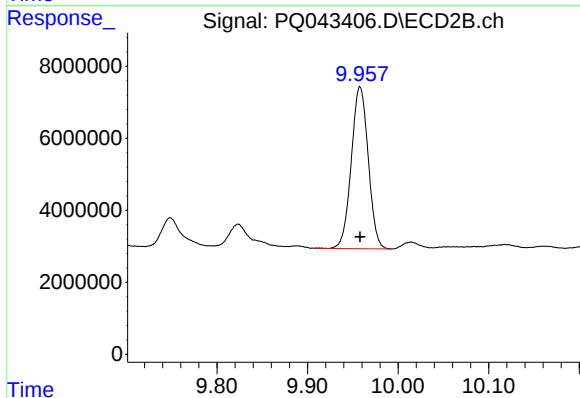
R.T.: 9.651 min
Delta R.T.: 0.000 min
Response: 25306199
Conc: 61.52 ng/ml



#44 AR-1268-4

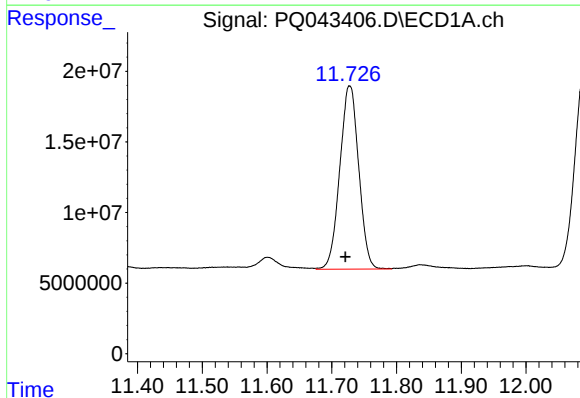
R.T.: 11.281 min
Delta R.T.: 0.004 min
Response: 131618202
Conc: 303.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D08



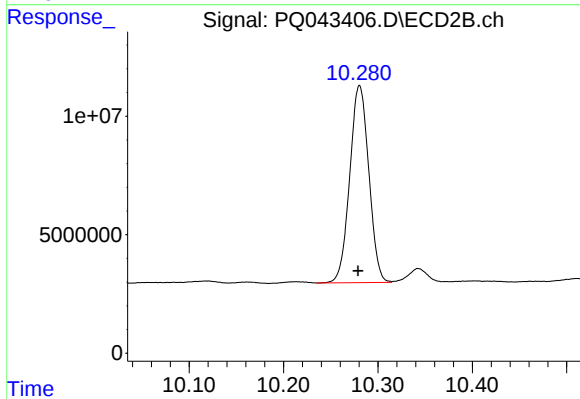
#44 AR-1268-4

R.T.: 9.958 min
Delta R.T.: 0.000 min
Response: 58501846
Conc: 287.55 ng/ml



#45 AR-1268-5

R.T.: 11.728 min
Delta R.T.: 0.007 min
Response: 263464589
Conc: 76.56 ng/ml



#45 AR-1268-5

R.T.: 10.281 min
Delta R.T.: 0.001 min
Response: 116761162
Conc: 73.61 ng/ml