

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090719\
 Data File : PQ043371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2019 15:22
 Operator : SM\AJ
 Sample : K4717-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 06:19:18 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...	5.697	4.785	110.5E6	38165619	29.287	28.596
2)	SA Decachlor...	12.089	10.563	364.8E6	155.5E6	39.850	34.316
Target Compounds							
3)	L1 AR-1016-1	7.136	0.000	1936349	0	12.024	N.D. #
4)	L1 AR-1016-2	7.166	0.000	8072454	0	34.961	N.D. #
5)	L1 AR-1016-3	7.242	6.478	6560667	3640688	45.934	71.986 #
6)	L1 AR-1016-4	7.350	6.531	12098847	7962543	101.754	194.269 #
7)	L1 AR-1016-5	7.680	6.763	31540270	1005083	262.517	17.706 #
8)	L2 AR-1221-1	5.936	5.081	16314081	2904342	338.181	164.965 #
9)	L2 AR-1221-2	6.089	0.000	21884948	0	657.149	N.D. #
10)	L2 AR-1221-3	6.196	5.370	15089107	11531686	132.967	254.847 #
11)	L3 AR-1232-1	6.196	5.370	15089107	11531686	218.001	424.623 #
12)	L3 AR-1232-2	6.823	0.000	25314360	0	594.121	N.D. #
13)	L3 AR-1232-3	7.166	6.478	8072454	3640688	99.795	212.104 #
14)	L3 AR-1232-4	7.350	6.586	12098847	6446766	277.403	419.505 #
15)	L3 AR-1232-5	7.454	6.763	11076266	1005083	382.586	56.434 #
16)	L4 AR-1242-1	7.136	0.000	1936349	0	14.110	N.D. #
17)	L4 AR-1242-2	7.166	0.000	8072454	0	40.724	N.D. #
18)	L4 AR-1242-3	7.242	6.478	6560667	3640688	53.200	87.108 #
19)	L4 AR-1242-4	7.350	6.586	12098847	6446766	121.039	155.753 #
20)	L4 AR-1242-5	8.176	7.195	18868474	8329915	148.166	135.558
21)	L5 AR-1248-1	7.136	0.000	1936349	0	16.254	N.D. #
22)	L5 AR-1248-2	7.454	6.531	11076266	7962543	69.775	120.137 #
23)	L5 AR-1248-3	7.680	6.586	31540270	6446766	161.309	93.932 #
24)	L5 AR-1248-4	8.133	6.763	14557696	1005083	60.706	11.655 #
25)	L5 AR-1248-5	8.176	7.247	18868474	2967169	80.884	29.968 #
26)	L6 AR-1254-1	8.097	7.195	27957227	8329915	129.737	60.857 #
27)	L6 AR-1254-2	8.337	7.362	45870263	9553742	128.862	75.810 #
28)	L6 AR-1254-3	8.732	7.810	27330262	23975507	66.487	105.562 #
29)	L6 AR-1254-4	9.033	8.057	11878508	12126429	36.623	77.455 #
30)	L6 AR-1254-5	9.471	8.506	43240934	30121759	116.952	128.785
31)	L7 AR-1260-1	8.902	7.952	51090684	17514471	200.763	133.283 #
32)	L7 AR-1260-2	9.168	8.158	35879957	35656709	110.173	210.973 #
33)	L7 AR-1260-3	9.549	8.321	21557205	16981335	81.995	106.736 #
34)	L7 AR-1260-4	9.786	8.820	51230761	13324974	159.002	86.827 #
35)	L7 AR-1260-5	10.137	9.070	69001549	29274016	97.210	72.290 #
36)	L8 AR-1262-1	9.549	8.609	21557205	21867431	46.527	220.078 #
37)	L8 AR-1262-2	10.137	9.070	69001549	29274016	74.600	57.941
38)	L8 AR-1262-3	10.477	9.365	40848713	20561822	61.219	96.603 #
39)	L8 AR-1262-4	10.570	9.432	18874359	28899710	37.980	71.989 #
40)	L8 AR-1262-5	11.278	9.957	69371217	29814768	165.909	152.552
41)	L9 AR-1268-1	10.477	9.365	40848713	20561822	37.223	36.384

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 Acq On : 07 Sep 2019 15:22
 Operator : SM\AJ
 Sample : K4717-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

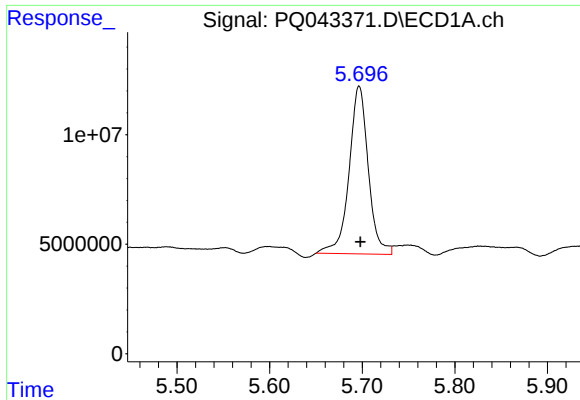
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 06:19:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 07 03:03:15 2019
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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
42) L9	AR-1268-2	10.570	9.432	18874359	28899710	18.277	55.521 #
43) L9	AR-1268-3	10.816	9.635	4057614	20968154	4.690	50.971 #
44) L9	AR-1268-4	11.278	9.957	69371217	29814768	160.094	146.545
45) L9	AR-1268-5	11.724	10.278	59348568	25877787	17.246	16.313

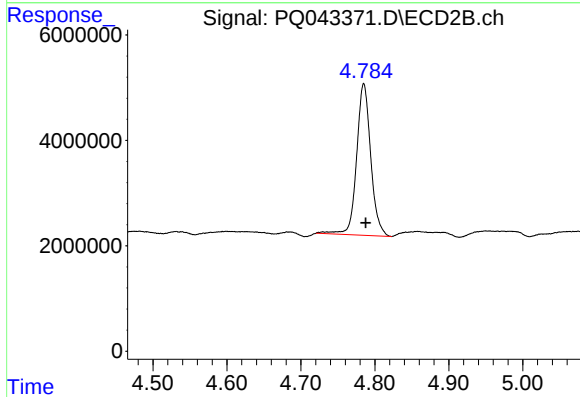
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

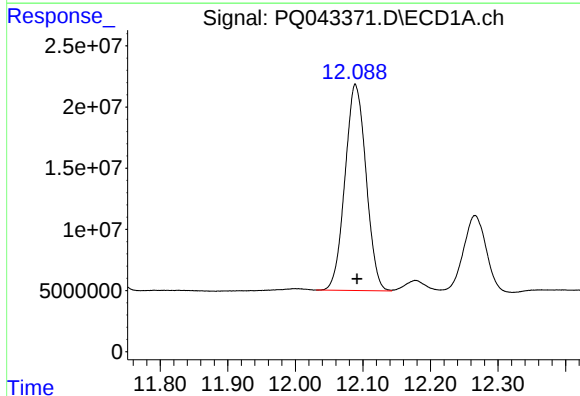
R.T.: 5.697 min
Delta R.T.: -0.001 min
Response: 110500042
Conc: 29.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



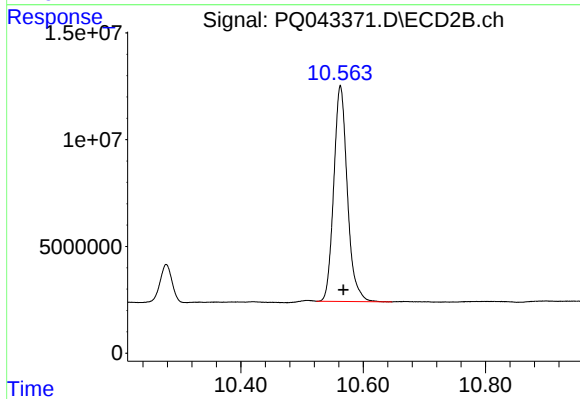
#1 Tetrachloro-m-xylene

R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 38165619
Conc: 28.60 ng/ml



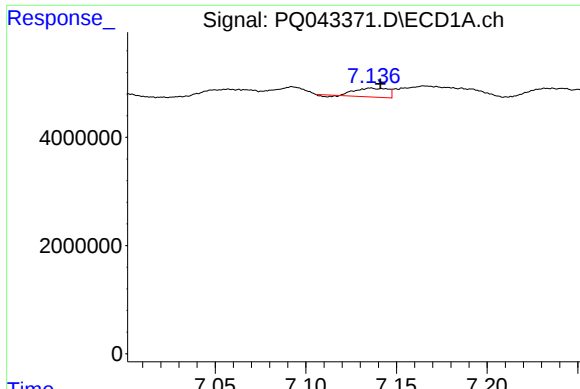
#2 Decachlorobiphenyl

R.T.: 12.089 min
Delta R.T.: -0.003 min
Response: 364802811
Conc: 39.85 ng/ml



#2 Decachlorobiphenyl

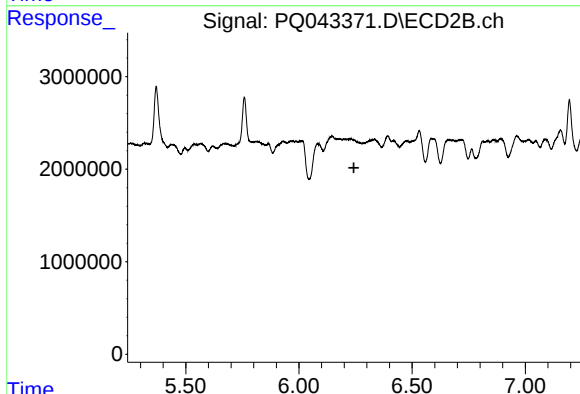
R.T.: 10.563 min
Delta R.T.: -0.005 min
Response: 155518305
Conc: 34.32 ng/ml



#3 AR-1016-1

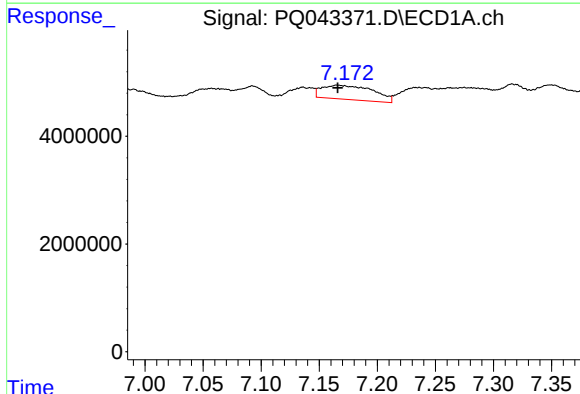
R.T.: 7.136 min
Delta R.T.: -0.005 min
Response: 1936349
Conc: 12.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



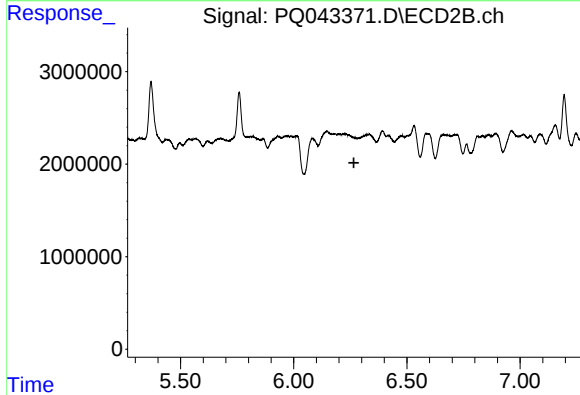
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.243 min
Response: 0
Conc: N.D.



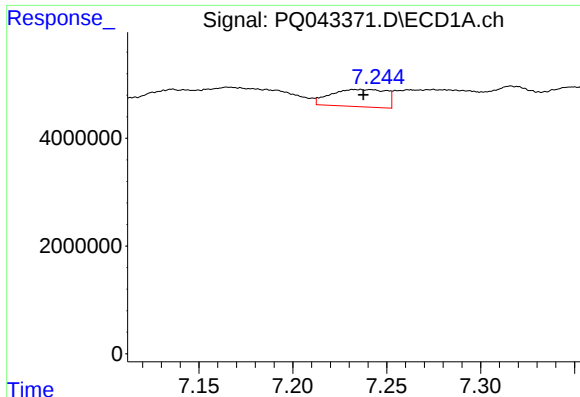
#4 AR-1016-2

R.T.: 7.166 min
Delta R.T.: 0.000 min
Response: 8072454
Conc: 34.96 ng/ml



#4 AR-1016-2

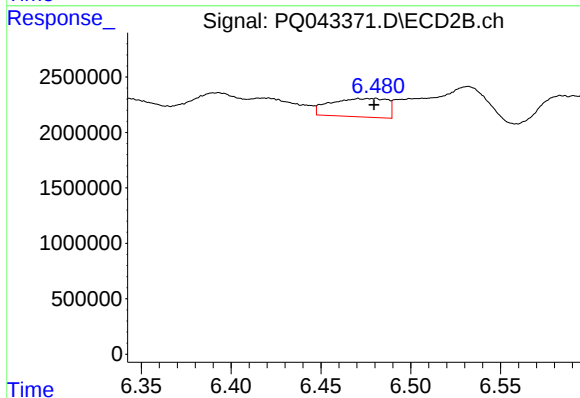
R.T.: 0.000 min
Exp R.T. : 6.266 min
Response: 0
Conc: N.D.



#5 AR-1016-3

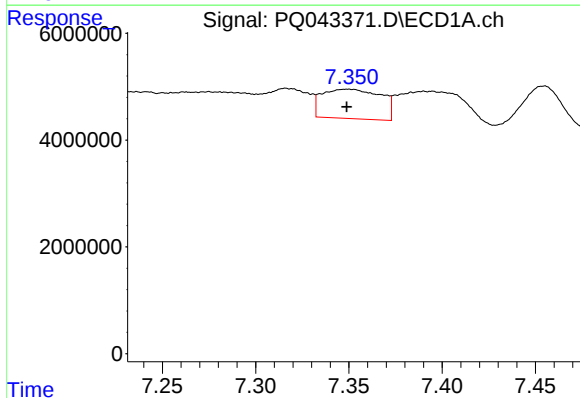
R.T.: 7.242 min
Delta R.T.: 0.004 min
Response: 6560667
Conc: 45.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



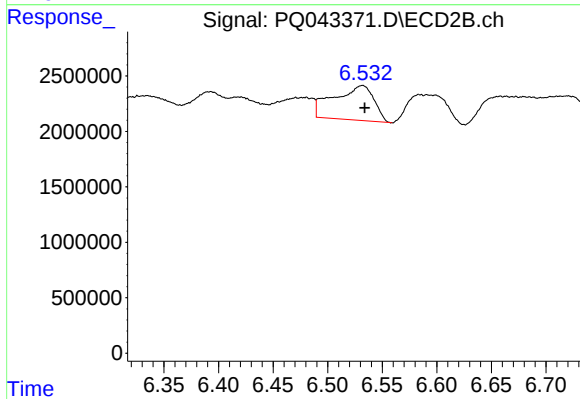
#5 AR-1016-3

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 3640688
Conc: 71.99 ng/ml



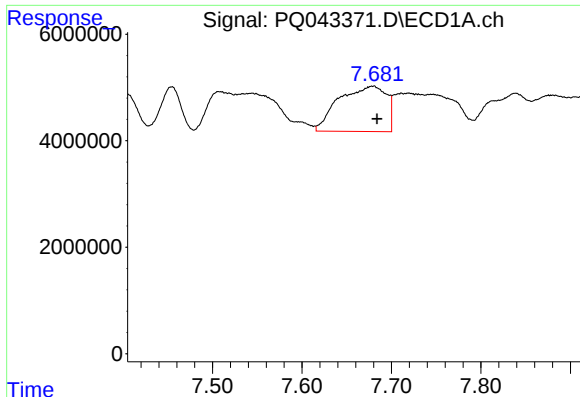
#6 AR-1016-4

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 12098847
Conc: 101.75 ng/ml



#6 AR-1016-4

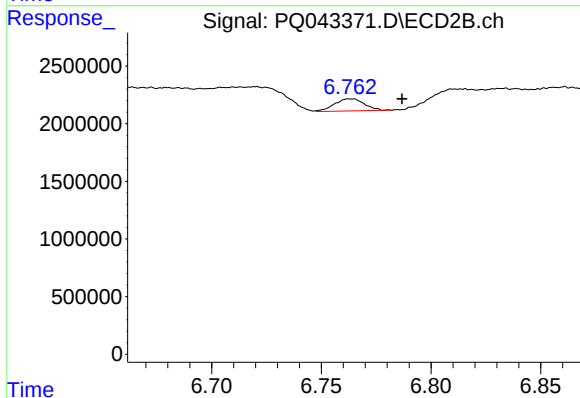
R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 7962543
Conc: 194.27 ng/ml



#7 AR-1016-5

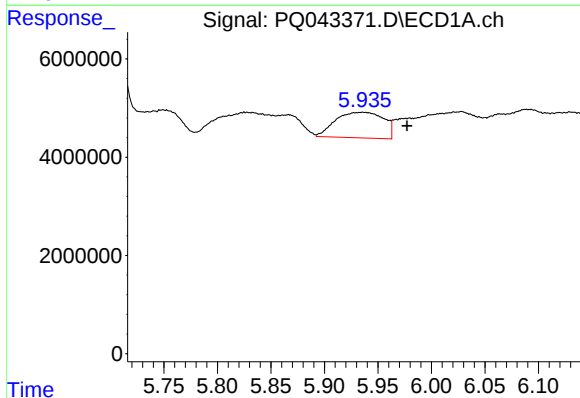
R.T.: 7.680 min
Delta R.T.: -0.004 min
Response: 31540270
Conc: 262.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



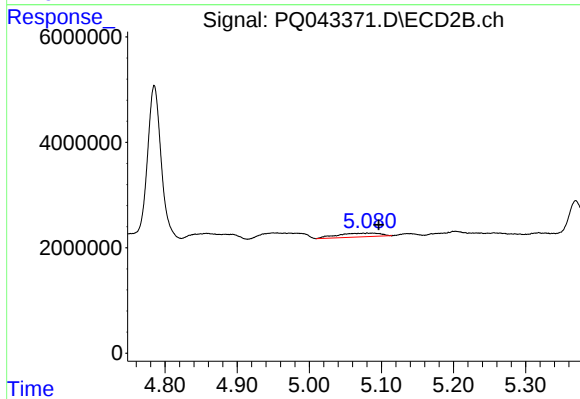
#7 AR-1016-5

R.T.: 6.763 min
Delta R.T.: -0.023 min
Response: 1005083
Conc: 17.71 ng/ml



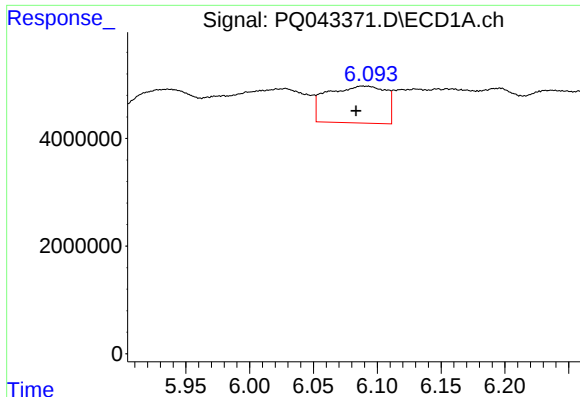
#8 AR-1221-1

R.T.: 5.936 min
Delta R.T.: -0.041 min
Response: 16314081
Conc: 338.18 ng/ml



#8 AR-1221-1

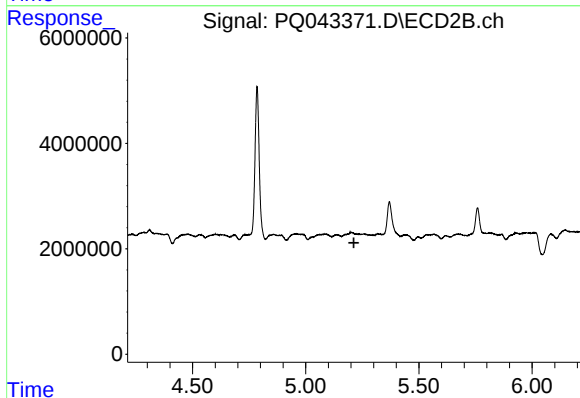
R.T.: 5.081 min
Delta R.T.: -0.016 min
Response: 2904342
Conc: 164.96 ng/ml



#9 AR-1221-2

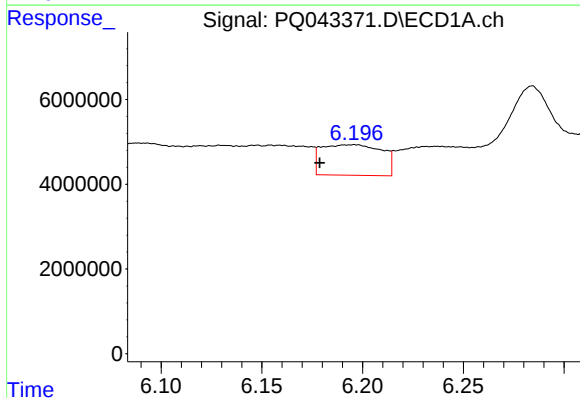
R.T.: 6.089 min
Delta R.T.: 0.005 min
Response: 21884948
Conc: 657.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



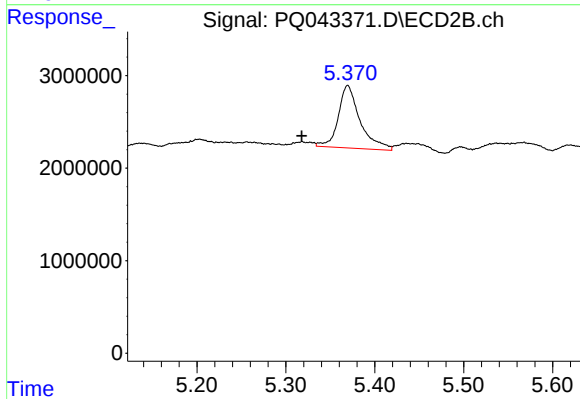
#9 AR-1221-2

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



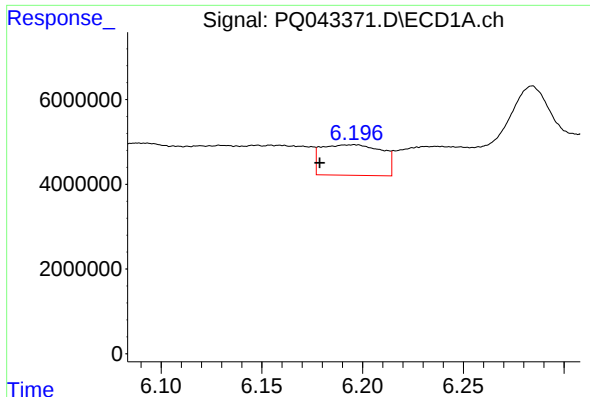
#10 AR-1221-3

R.T.: 6.196 min
Delta R.T.: 0.017 min
Response: 15089107
Conc: 132.97 ng/ml



#10 AR-1221-3

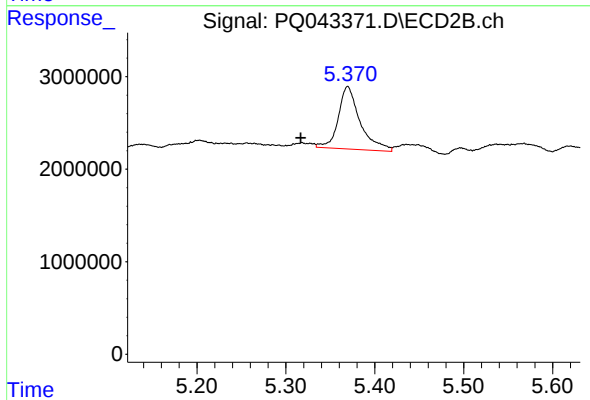
R.T.: 5.370 min
Delta R.T.: 0.052 min
Response: 11531686
Conc: 254.85 ng/ml



#11 AR-1232-1

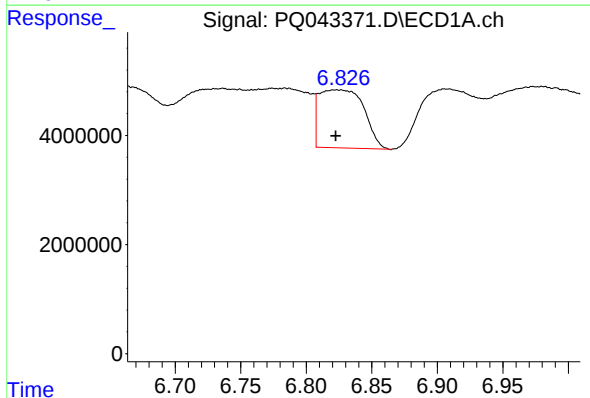
R.T.: 6.196 min
Delta R.T.: 0.017 min
Response: 15089107
Conc: 218.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



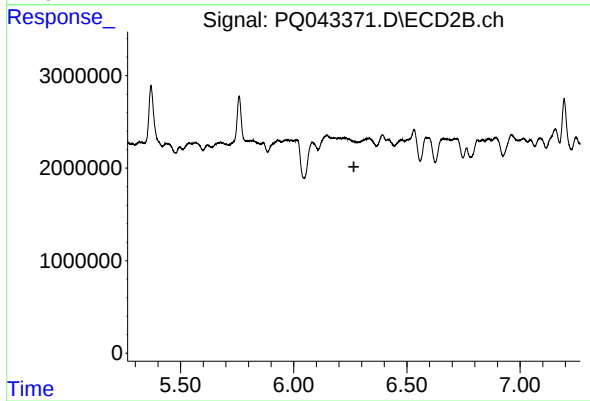
#11 AR-1232-1

R.T.: 5.370 min
Delta R.T.: 0.053 min
Response: 11531686
Conc: 424.62 ng/ml



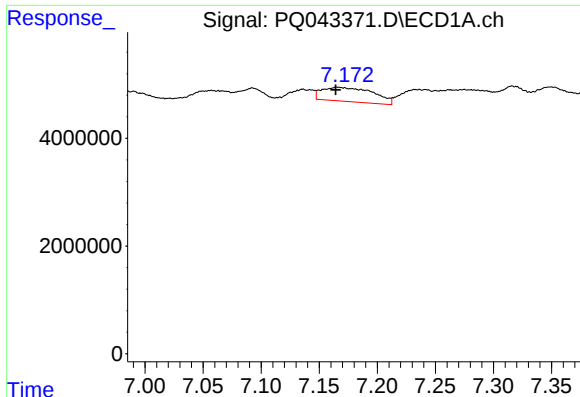
#12 AR-1232-2

R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 25314360
Conc: 594.12 ng/ml



#12 AR-1232-2

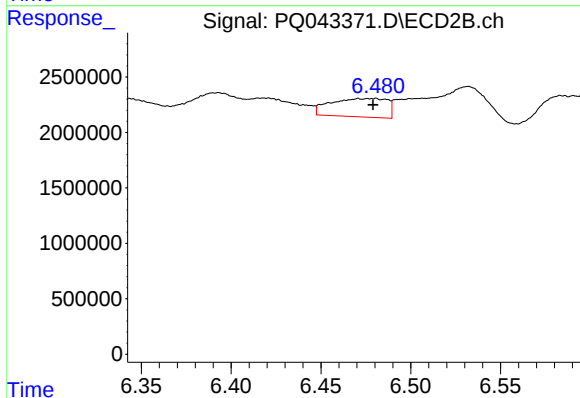
R.T.: 0.000 min
Exp R.T.: 6.266 min
Response: 0
Conc: N.D.



#13 AR-1232-3

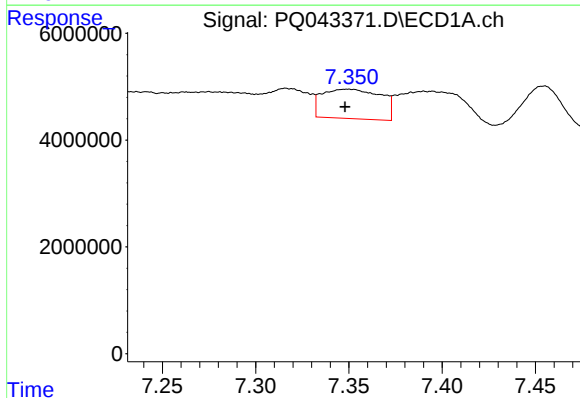
R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 8072454
Conc: 99.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



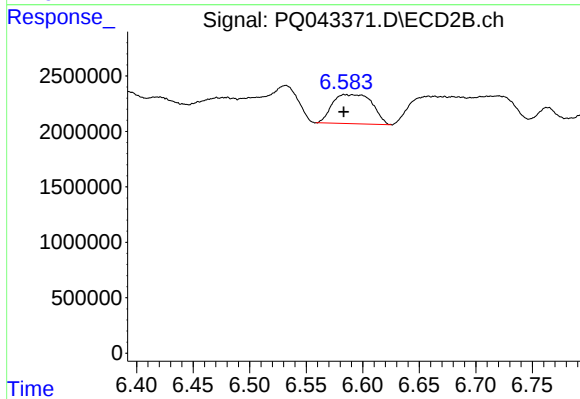
#13 AR-1232-3

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 3640688
Conc: 212.10 ng/ml



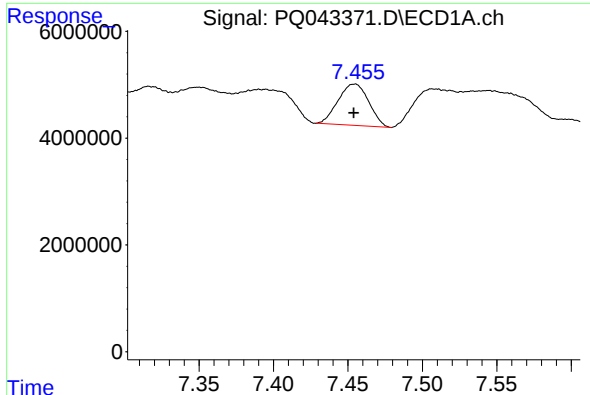
#14 AR-1232-4

R.T.: 7.350 min
Delta R.T.: 0.002 min
Response: 12098847
Conc: 277.40 ng/ml



#14 AR-1232-4

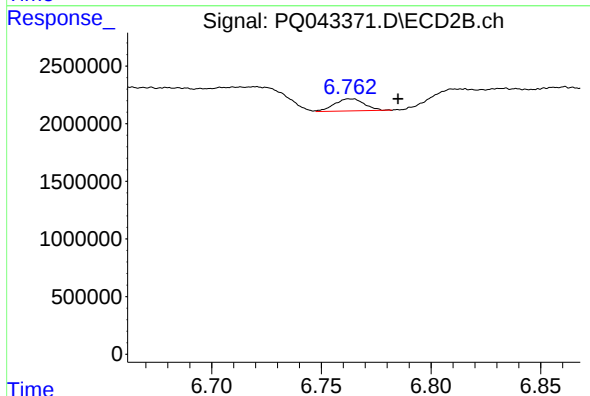
R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 6446766
Conc: 419.50 ng/ml



#15 AR-1232-5

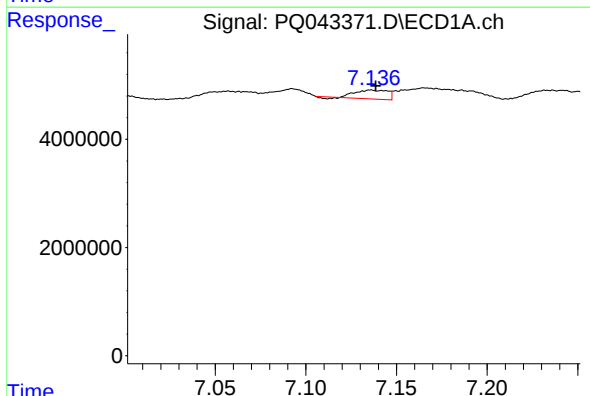
R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 11076266
Conc: 382.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



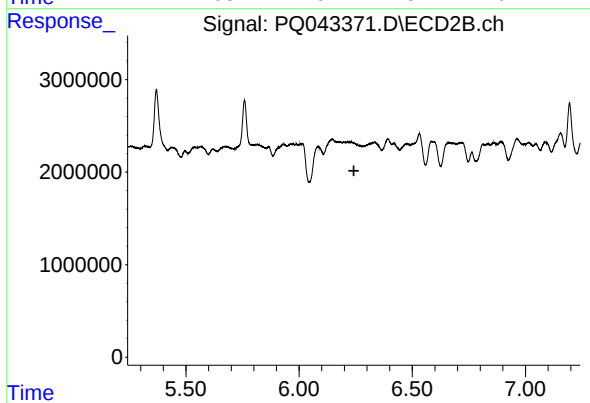
#15 AR-1232-5

R.T.: 6.763 min
Delta R.T.: -0.022 min
Response: 1005083
Conc: 56.43 ng/ml



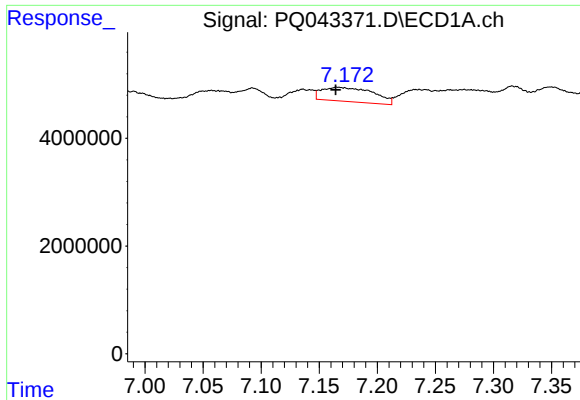
#16 AR-1242-1

R.T.: 7.136 min
Delta R.T.: -0.003 min
Response: 1936349
Conc: 14.11 ng/ml



#16 AR-1242-1

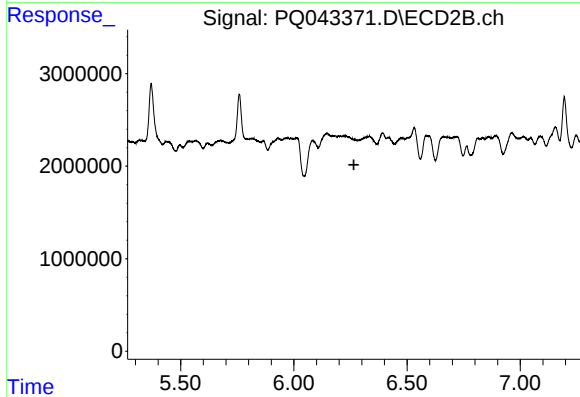
R.T.: 0.000 min
Exp R.T.: 6.242 min
Response: 0
Conc: N.D.



#17 AR-1242-2

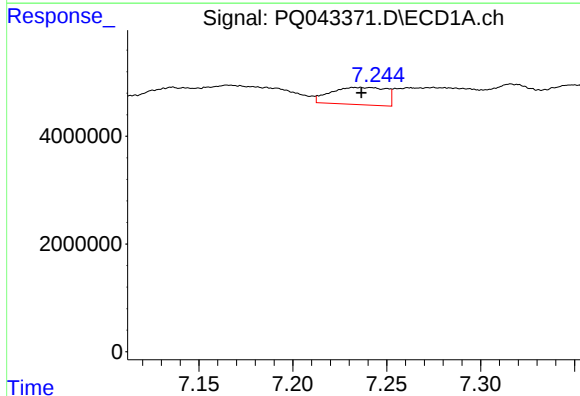
R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 8072454
Conc: 40.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



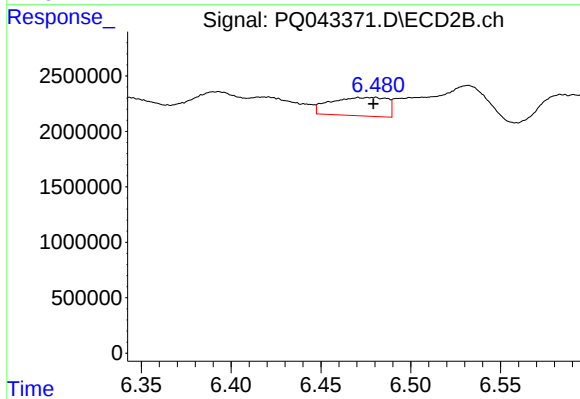
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.265 min
Response: 0
Conc: N.D.



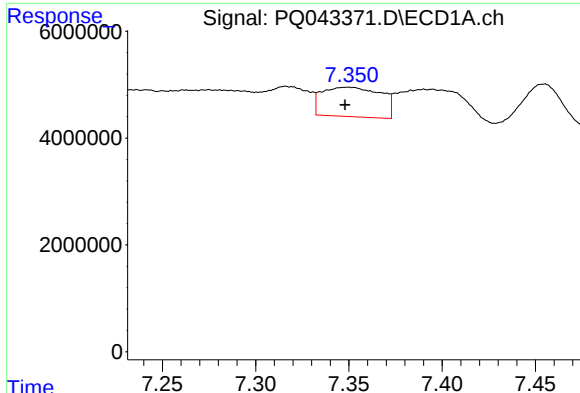
#18 AR-1242-3

R.T.: 7.242 min
Delta R.T.: 0.005 min
Response: 6560667
Conc: 53.20 ng/ml



#18 AR-1242-3

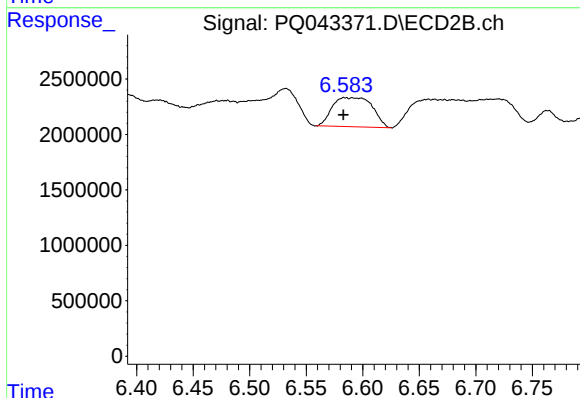
R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 3640688
Conc: 87.11 ng/ml



#19 AR-1242-4

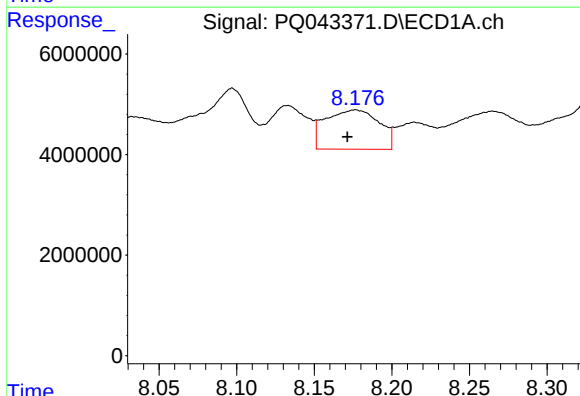
R.T.: 7.350 min
Delta R.T.: 0.002 min
Response: 12098847
Conc: 121.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



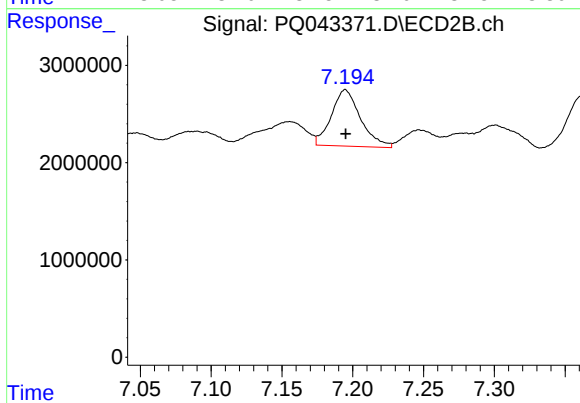
#19 AR-1242-4

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 6446766
Conc: 155.75 ng/ml



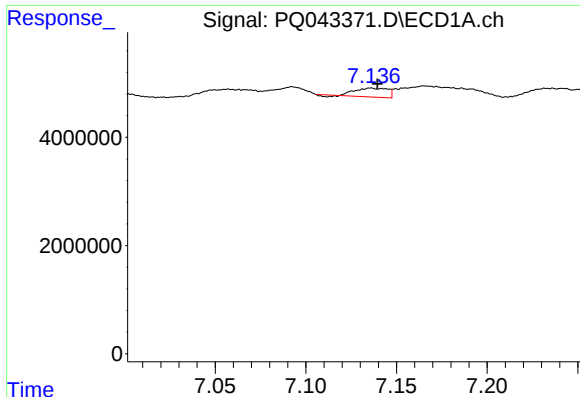
#20 AR-1242-5

R.T.: 8.176 min
Delta R.T.: 0.005 min
Response: 18868474
Conc: 148.17 ng/ml



#20 AR-1242-5

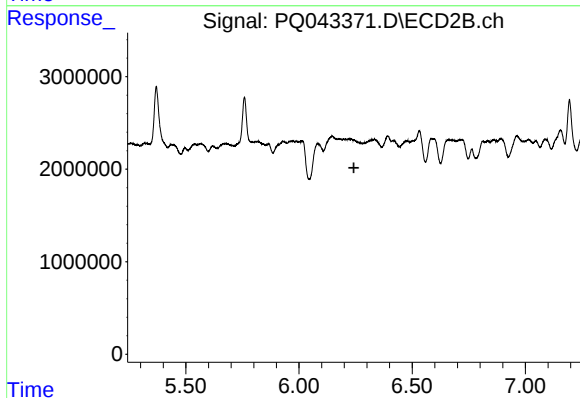
R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 8329915
Conc: 135.56 ng/ml



#21 AR-1248-1

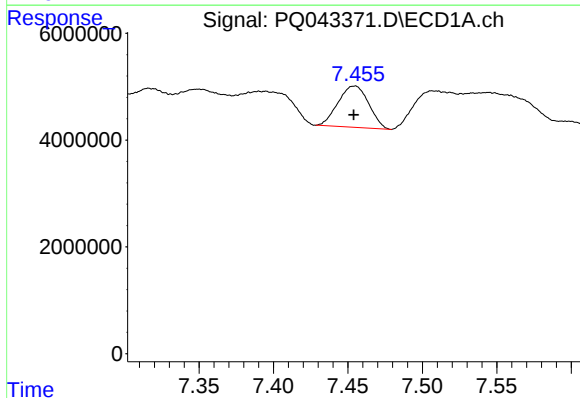
R.T.: 7.136 min
Delta R.T.: -0.004 min
Response: 1936349
Conc: 16.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



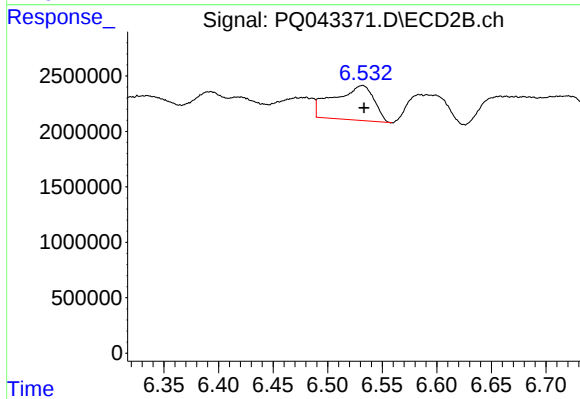
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.243 min
Response: 0
Conc: N.D.



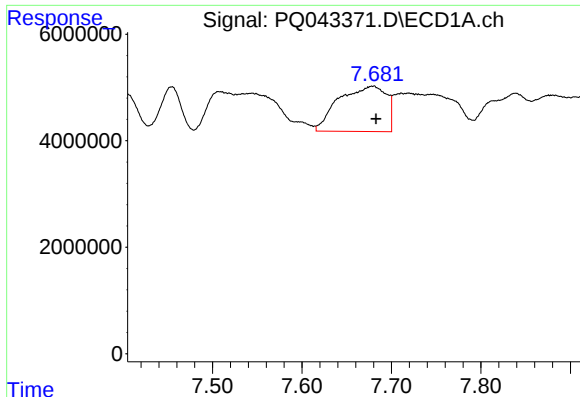
#22 AR-1248-2

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 11076266
Conc: 69.78 ng/ml



#22 AR-1248-2

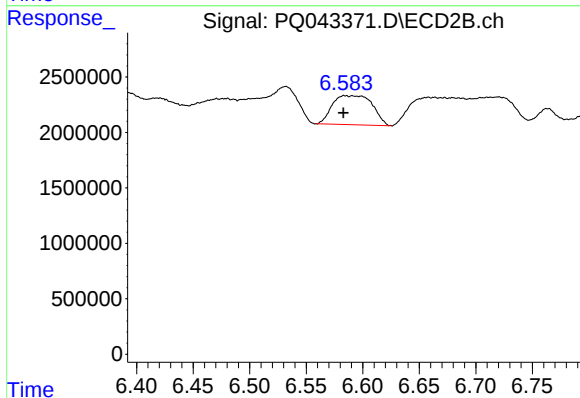
R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 7962543
Conc: 120.14 ng/ml



#23 AR-1248-3

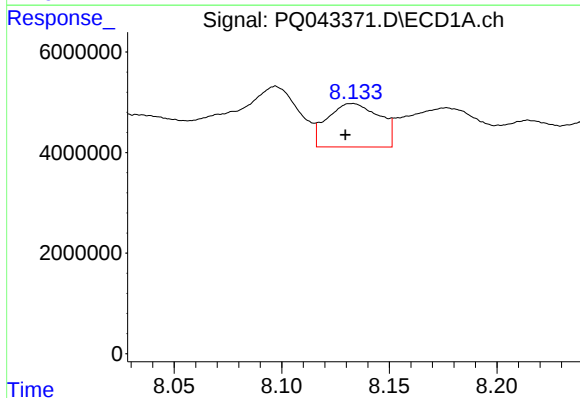
R.T.: 7.680 min
Delta R.T.: -0.003 min
Response: 31540270
Conc: 161.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



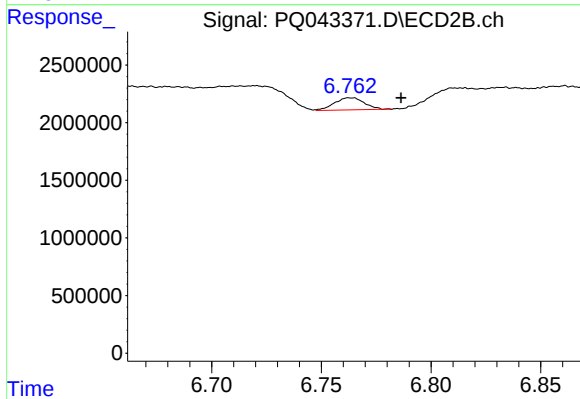
#23 AR-1248-3

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 6446766
Conc: 93.93 ng/ml



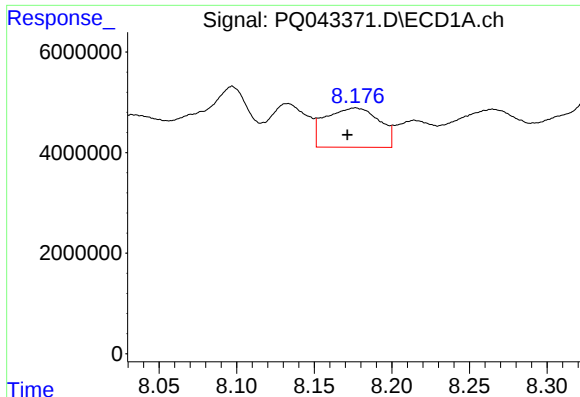
#24 AR-1248-4

R.T.: 8.133 min
Delta R.T.: 0.003 min
Response: 14557696
Conc: 60.71 ng/ml



#24 AR-1248-4

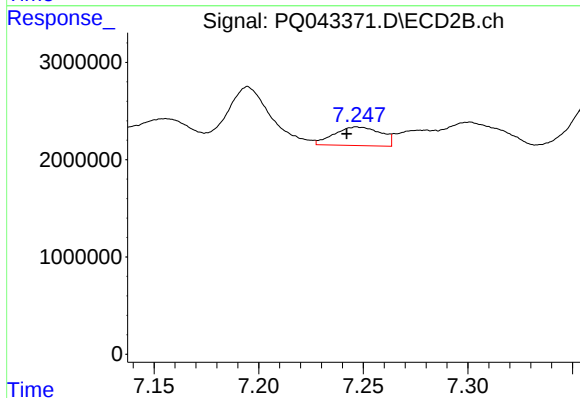
R.T.: 6.763 min
Delta R.T.: -0.023 min
Response: 1005083
Conc: 11.65 ng/ml



#25 AR-1248-5

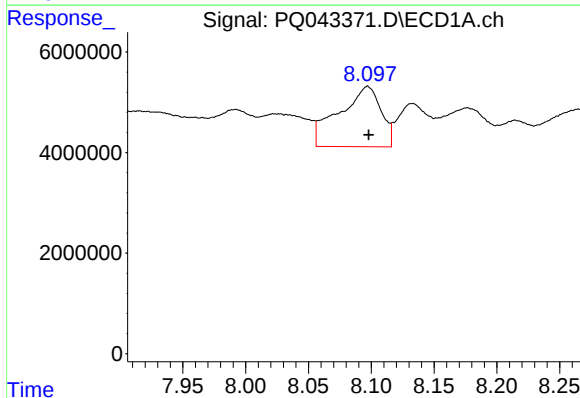
R.T.: 8.176 min
Delta R.T.: 0.005 min
Response: 18868474
Conc: 80.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



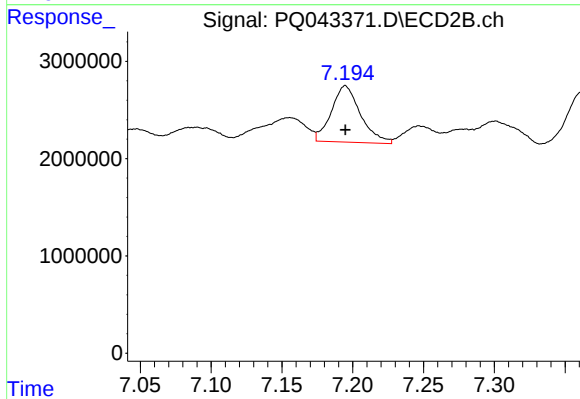
#25 AR-1248-5

R.T.: 7.247 min
Delta R.T.: 0.005 min
Response: 2967169
Conc: 29.97 ng/ml



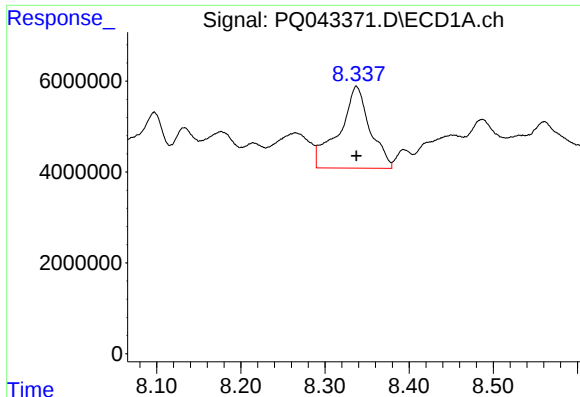
#26 AR-1254-1

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 27957227
Conc: 129.74 ng/ml



#26 AR-1254-1

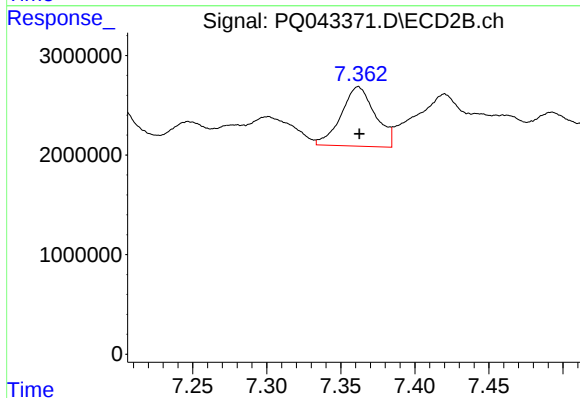
R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 8329915
Conc: 60.86 ng/ml



#27 AR-1254-2

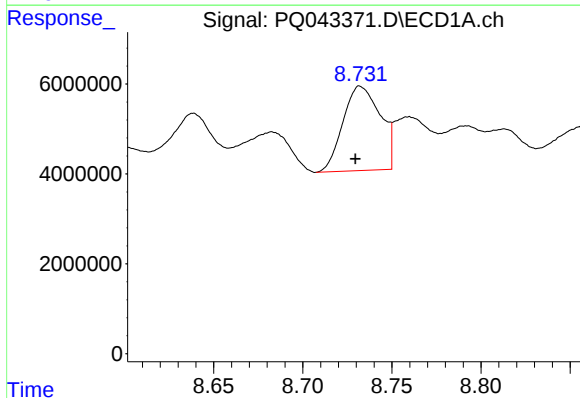
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 45870263
Conc: 128.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



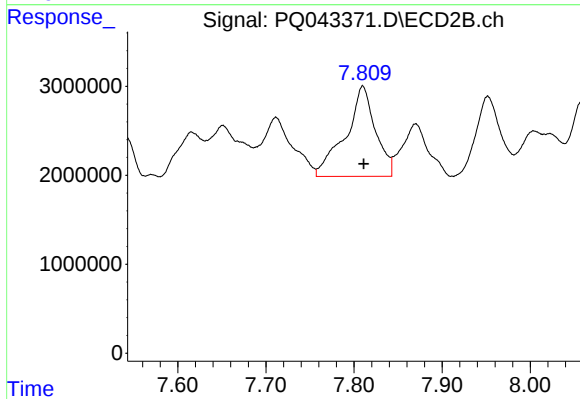
#27 AR-1254-2

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 9553742
Conc: 75.81 ng/ml



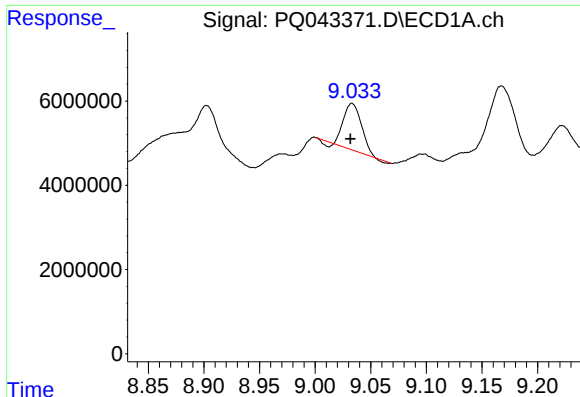
#28 AR-1254-3

R.T.: 8.732 min
Delta R.T.: 0.003 min
Response: 27330262
Conc: 66.49 ng/ml



#28 AR-1254-3

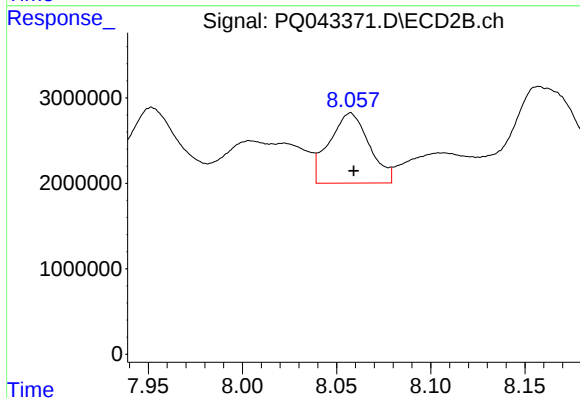
R.T.: 7.810 min
Delta R.T.: 0.000 min
Response: 23975507
Conc: 105.56 ng/ml



#29 AR-1254-4

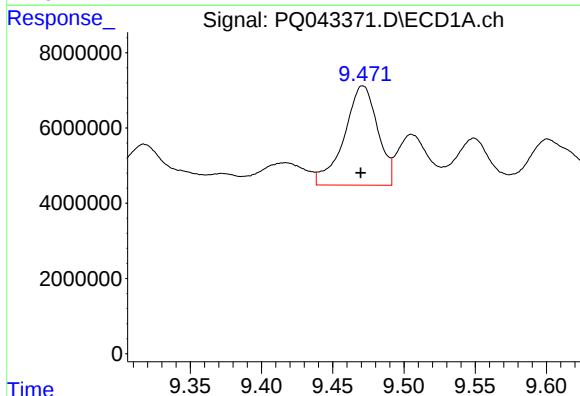
R.T.: 9.033 min
Delta R.T.: 0.001 min
Response: 11878508
Conc: 36.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



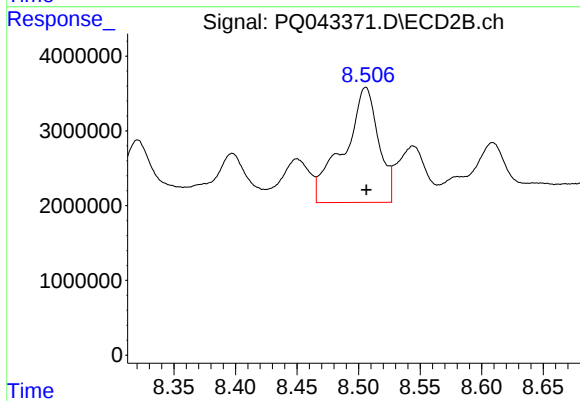
#29 AR-1254-4

R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 12126429
Conc: 77.46 ng/ml



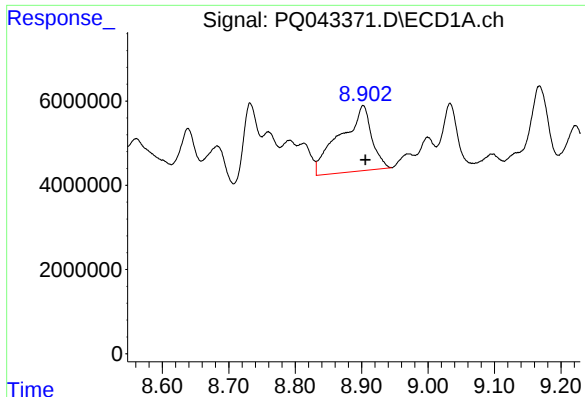
#30 AR-1254-5

R.T.: 9.471 min
Delta R.T.: 0.001 min
Response: 43240934
Conc: 116.95 ng/ml



#30 AR-1254-5

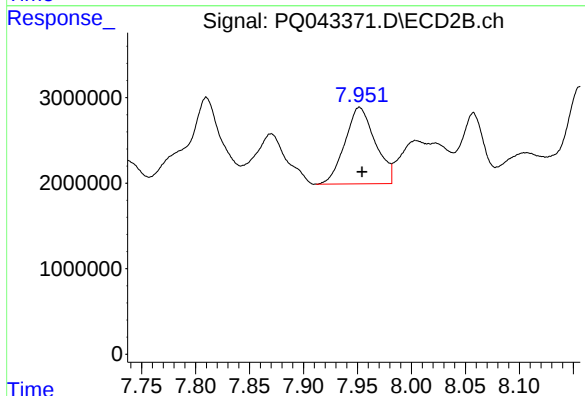
R.T.: 8.506 min
Delta R.T.: 0.000 min
Response: 30121759
Conc: 128.78 ng/ml



#31 AR-1260-1

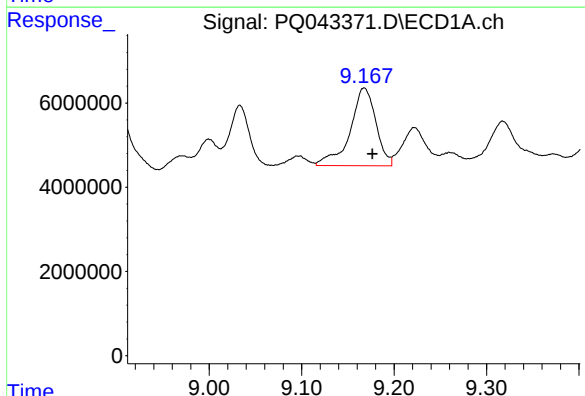
R.T.: 8.902 min
Delta R.T.: -0.003 min
Response: 51090684
Conc: 200.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



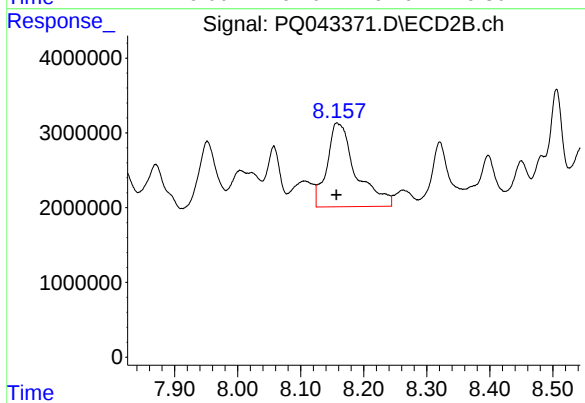
#31 AR-1260-1

R.T.: 7.952 min
Delta R.T.: -0.002 min
Response: 17514471
Conc: 133.28 ng/ml



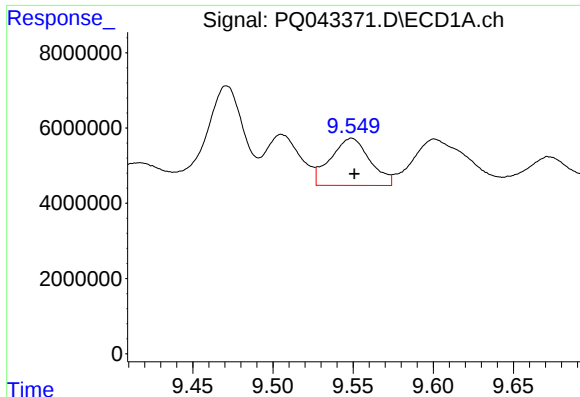
#32 AR-1260-2

R.T.: 9.168 min
Delta R.T.: -0.009 min
Response: 35879957
Conc: 110.17 ng/ml



#32 AR-1260-2

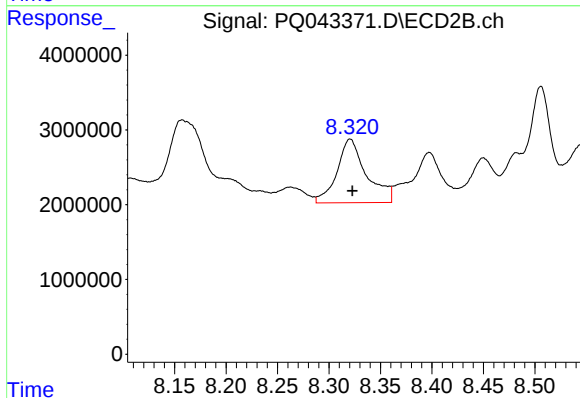
R.T.: 8.158 min
Delta R.T.: 0.002 min
Response: 35656709
Conc: 210.97 ng/ml



#33 AR-1260-3

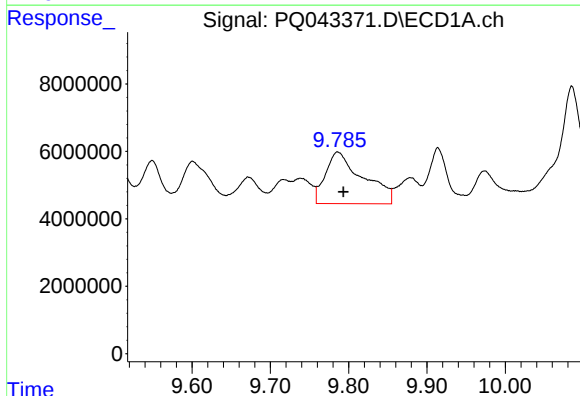
R.T.: 9.549 min
Delta R.T.: -0.002 min
Response: 21557205
Conc: 81.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



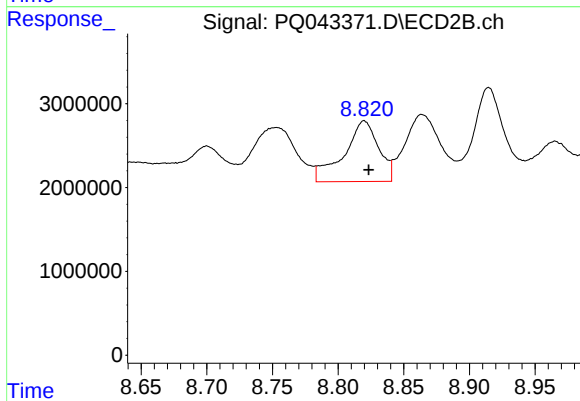
#33 AR-1260-3

R.T.: 8.321 min
Delta R.T.: -0.002 min
Response: 16981335
Conc: 106.74 ng/ml



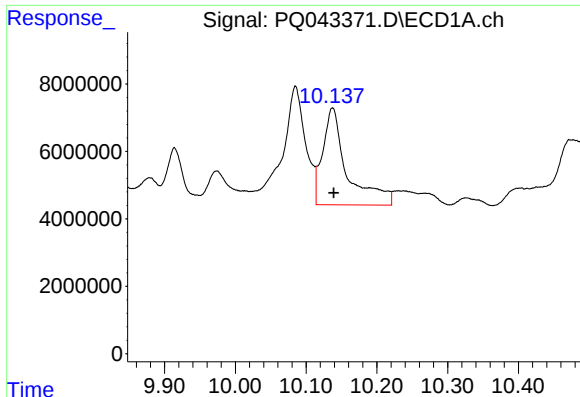
#34 AR-1260-4

R.T.: 9.786 min
Delta R.T.: -0.007 min
Response: 51230761
Conc: 159.00 ng/ml



#34 AR-1260-4

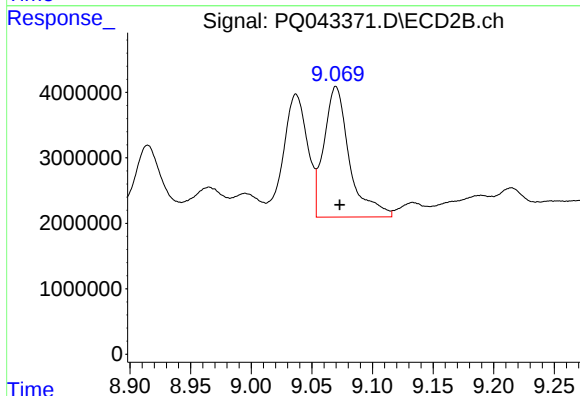
R.T.: 8.820 min
Delta R.T.: -0.003 min
Response: 13324974
Conc: 86.83 ng/ml



#35 AR-1260-5

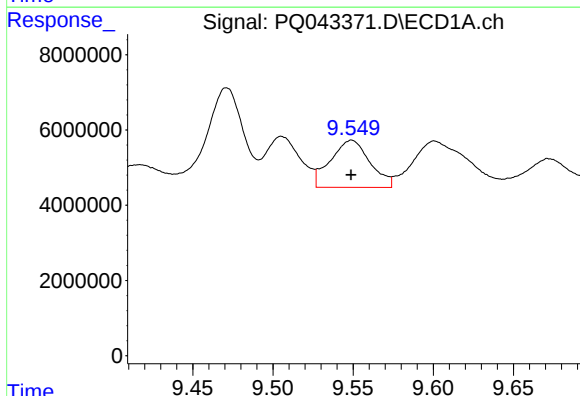
R.T.: 10.137 min
Delta R.T.: -0.002 min
Response: 69001549
Conc: 97.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



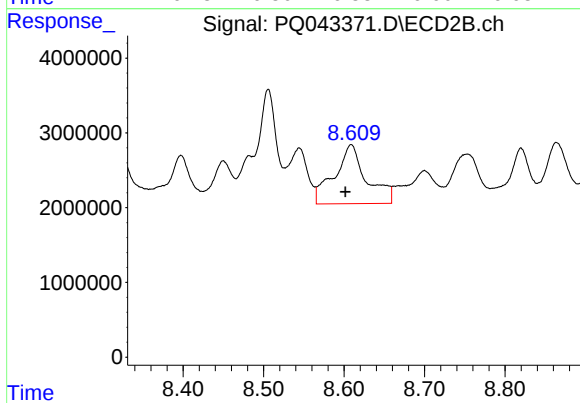
#35 AR-1260-5

R.T.: 9.070 min
Delta R.T.: -0.003 min
Response: 29274016
Conc: 72.29 ng/ml



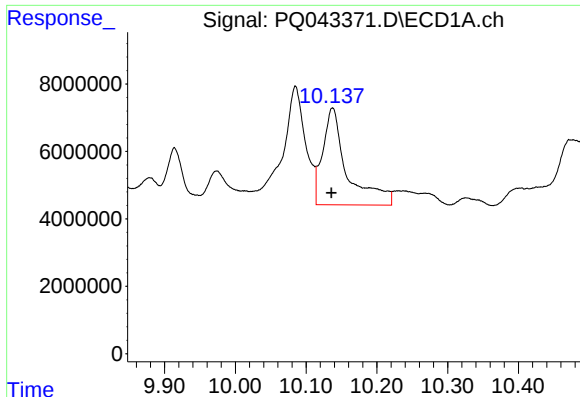
#36 AR-1262-1

R.T.: 9.549 min
Delta R.T.: 0.000 min
Response: 21557205
Conc: 46.53 ng/ml



#36 AR-1262-1

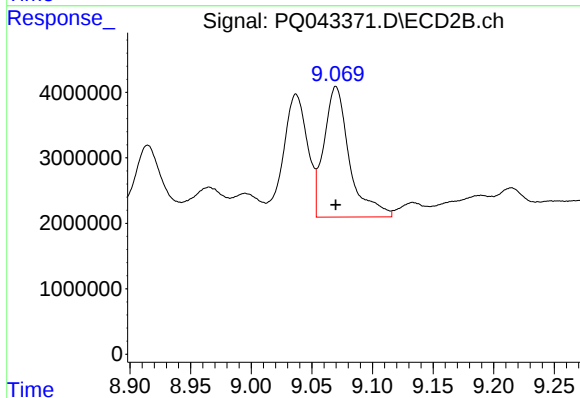
R.T.: 8.609 min
Delta R.T.: 0.007 min
Response: 21867431
Conc: 220.08 ng/ml



#37 AR-1262-2

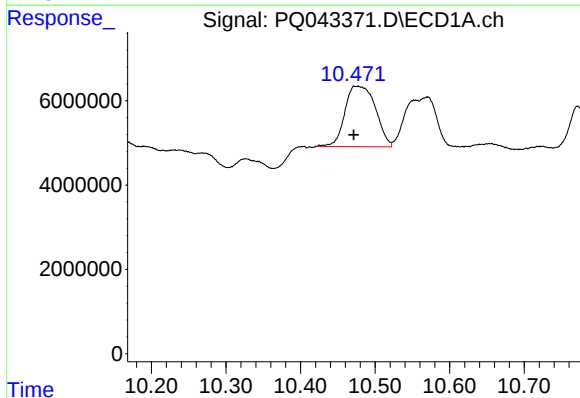
R.T.: 10.137 min
Delta R.T.: 0.002 min
Response: 69001549
Conc: 74.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



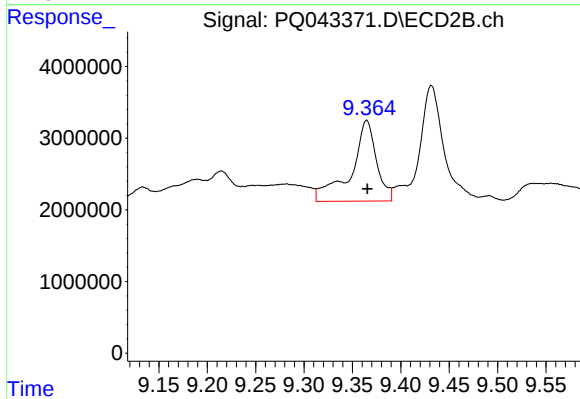
#37 AR-1262-2

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 29274016
Conc: 57.94 ng/ml



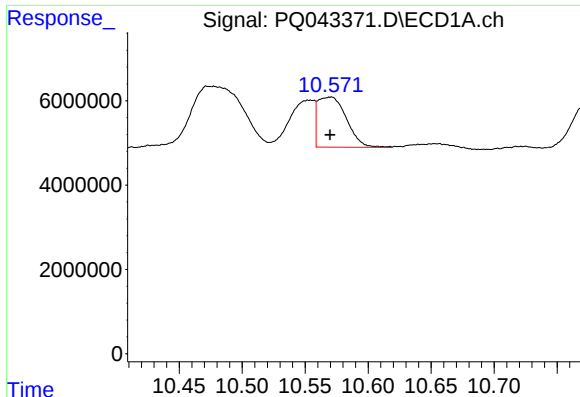
#38 AR-1262-3

R.T.: 10.477 min
Delta R.T.: 0.005 min
Response: 40848713
Conc: 61.22 ng/ml



#38 AR-1262-3

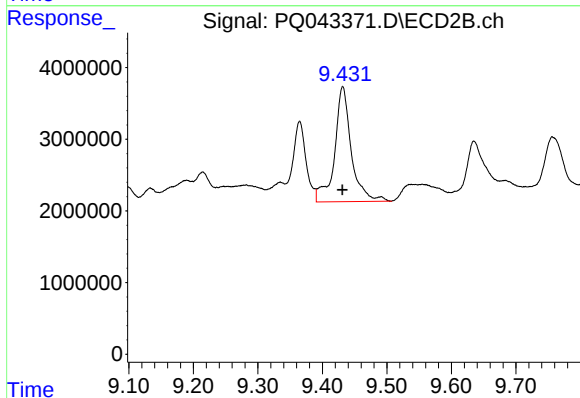
R.T.: 9.365 min
Delta R.T.: 0.000 min
Response: 20561822
Conc: 96.60 ng/ml



#39 AR-1262-4

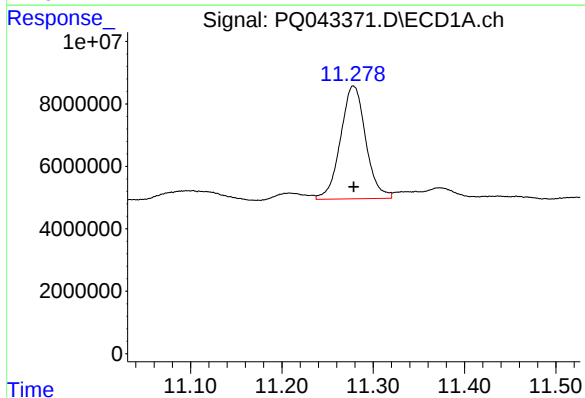
R.T.: 10.570 min
Delta R.T.: 0.000 min
Response: 18874359
Conc: 37.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



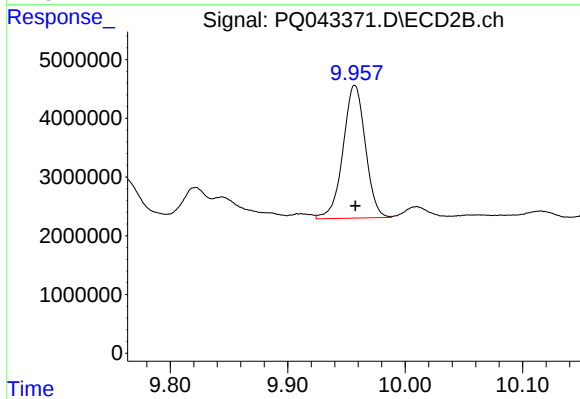
#39 AR-1262-4

R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 28899710
Conc: 71.99 ng/ml



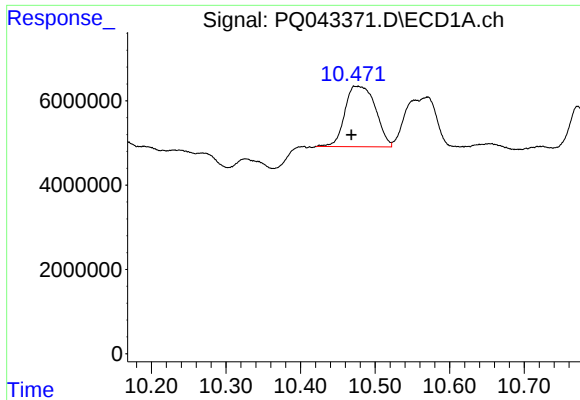
#40 AR-1262-5

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 69371217
Conc: 165.91 ng/ml



#40 AR-1262-5

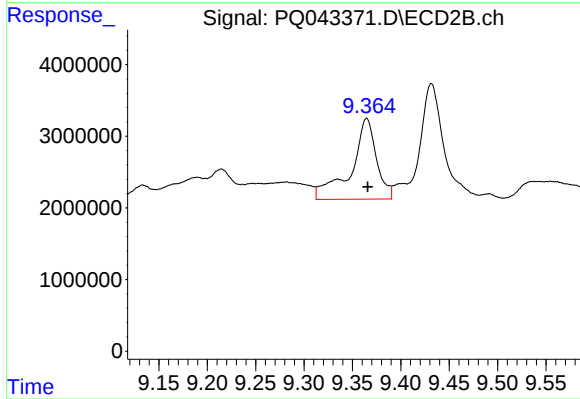
R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 29814768
Conc: 152.55 ng/ml



#41 AR-1268-1

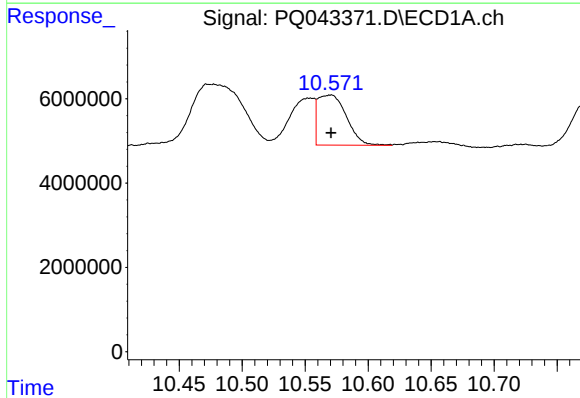
R.T.: 10.477 min
Delta R.T.: 0.009 min
Response: 40848713
Conc: 37.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



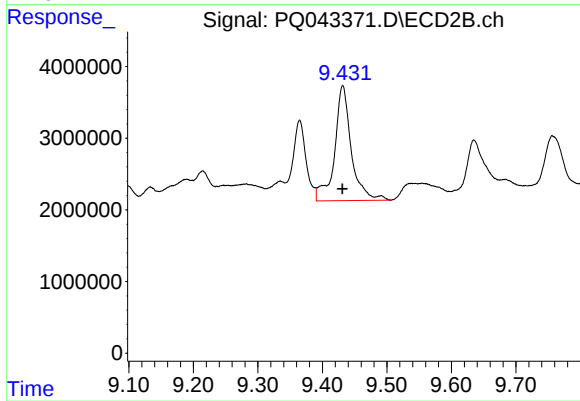
#41 AR-1268-1

R.T.: 9.365 min
Delta R.T.: 0.000 min
Response: 20561822
Conc: 36.38 ng/ml



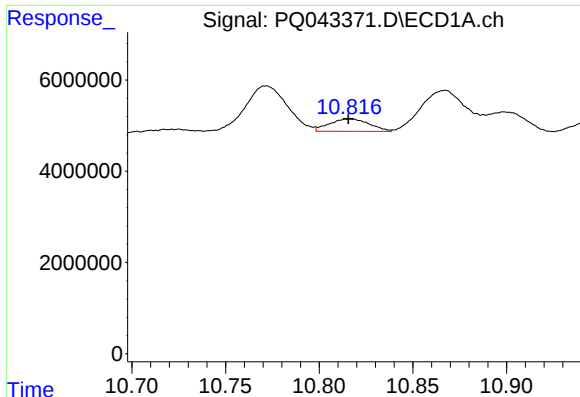
#42 AR-1268-2

R.T.: 10.570 min
Delta R.T.: 0.000 min
Response: 18874359
Conc: 18.28 ng/ml



#42 AR-1268-2

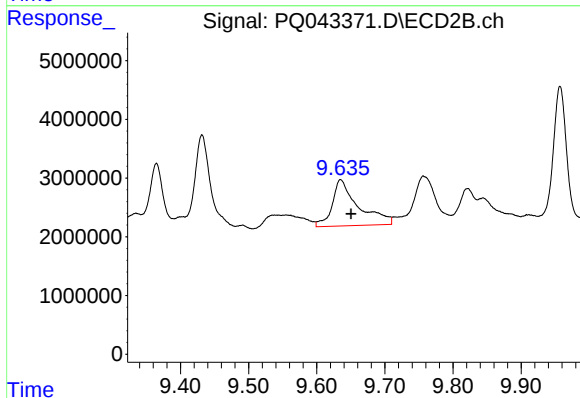
R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 28899710
Conc: 55.52 ng/ml



#43 AR-1268-3

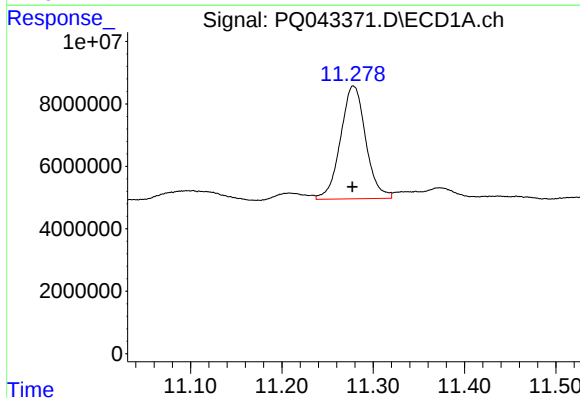
R.T.: 10.816 min
Delta R.T.: 0.000 min
Response: 4057614
Conc: 4.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



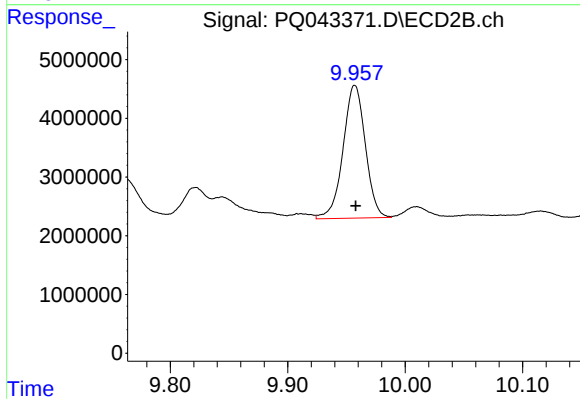
#43 AR-1268-3

R.T.: 9.635 min
Delta R.T.: -0.015 min
Response: 20968154
Conc: 50.97 ng/ml



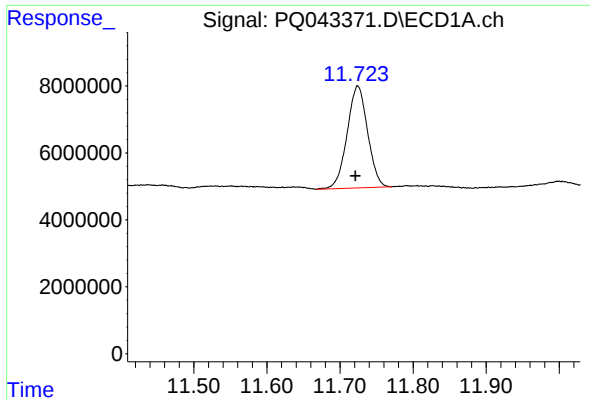
#44 AR-1268-4

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 69371217
Conc: 160.09 ng/ml



#44 AR-1268-4

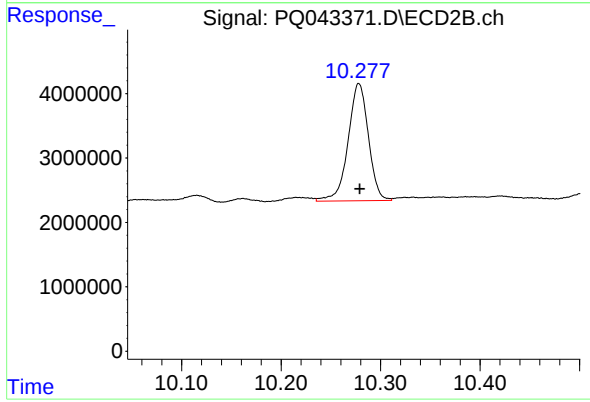
R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 29814768
Conc: 146.55 ng/ml



#45 AR-1268-5

R.T.: 11.724 min
Delta R.T.: 0.003 min
Response: 59348568
Conc: 17.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 25877787
Conc: 16.31 ng/ml