

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090419\
 Data File : PQ043249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2019 06:29
 Operator : SM\AJ
 Sample : K4633-05
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 F2D03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 09:14:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 05 08:38:32 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	4.787	89088462	44474081	13.631	14.406
2)	SA Decachlor...	12.087	10.571	213.0E6	78447985	20.391	12.795 #
Target Compounds							
3)	L1 AR-1016-1	7.147	6.228	83761654	66798900	330.099	497.741 #
4)	L1 AR-1016-2	7.147	6.228	83761654	66798900	228.198	365.410 #
5)	L1 AR-1016-3	7.238	6.475	78913972	13148136	355.260	135.122 #
6)	L1 AR-1016-4	7.356	6.526	32563018	16676086	174.329	217.142
7)	L1 AR-1016-5	7.668	6.850	21390043	21799580	119.522	210.736 #
9)	L2 AR-1221-2	6.088	0.000	3272934	0	76.580	N.D. #
12)	L3 AR-1232-2	6.827	6.228	81114856	66798900	1109.348	1017.030
13)	L3 AR-1232-3	7.147	6.475	83761654	13148136	566.812	383.506 #
14)	L3 AR-1232-4	7.356	6.601	32563018	11669555	464.159	368.054
15)	L3 AR-1232-5	7.455	6.850	13004600	21799580	301.094	647.564 #
16)	L4 AR-1242-1	7.147	6.228	83761654	66798900	427.791	649.518 #
17)	L4 AR-1242-2	7.147	6.228	83761654	66798900	291.961	490.030 #
18)	L4 AR-1242-3	7.238	6.475	78913972	13148136	448.604	181.473 #
19)	L4 AR-1242-4	7.356	6.601	32563018	11669555	218.106	162.614 #
20)	L4 AR-1242-5	8.179	7.205	32885566	1084959	184.675	9.873 #
21)	L5 AR-1248-1	7.147	6.228	83761654	66798900	558.777	839.291 #
22)	L5 AR-1248-2	7.455	6.526	13004600	16676086	68.325	160.590 #
23)	L5 AR-1248-3	7.668	6.601	21390043	11669555	88.444	108.470
24)	L5 AR-1248-4	8.179	6.850	32885566	21799580	109.501	164.265 #
25)	L5 AR-1248-5	8.179	7.256	32885566	4340420	112.138	30.034 #
26)	L6 AR-1254-1	0.000	7.205	0	1084959	N.D.	4.793 #
27)	L6 AR-1254-2	0.000	7.368	0	7376222	N.D.	35.287 #
28)	L6 AR-1254-3	8.751	7.786	29994421	20877663	54.664	55.816
29)	L6 AR-1254-4	9.034	8.053	44912046	16105086	105.587	66.667 #
30)	L6 AR-1254-5	9.469	8.513	57717110	8983067	127.118	24.785 #
31)	L7 AR-1260-1	8.898	7.959	19322093	20527775	55.490	91.334 #
32)	L7 AR-1260-2	9.137	8.222	5814645	58665014	14.968	198.163 #
33)	L7 AR-1260-3	9.549	8.333	97918969	6887397	277.251	25.977 #
34)	L7 AR-1260-4	9.808	8.855	65274619	92228459	150.783	386.214 #
35)	L7 AR-1260-5	10.137	9.075	71308380	41337750	75.225	63.487
36)	L8 AR-1262-1	9.549	8.577	97918969	1678443	153.290	10.662 #
37)	L8 AR-1262-2	10.137	9.075	71308380	41337750	58.293	50.971
38)	L8 AR-1262-3	10.470	9.373	144.7E6	130.5E6	167.944	398.598 #
39)	L8 AR-1262-4	10.570	9.438	107.6E6	54608837	160.725	88.861 #
40)	L8 AR-1262-5	11.279	9.963	81140291	70698583	175.679	235.552 #
41)	L9 AR-1268-1	10.470	9.373	144.7E6	130.5E6	107.435	155.675 #
42)	L9 AR-1268-2	10.570	9.438	107.6E6	54608837	85.350	69.628
43)	L9 AR-1268-3	10.815	9.704	9335717	284.3E6	9.022	438.493 #
44)	L9 AR-1268-4	11.279	9.963	81140291	70698583	167.757	241.814 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090419\
 Data File : PQ043249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2019 06:29
 Operator : SM\AJ
 Sample : K4633-05
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

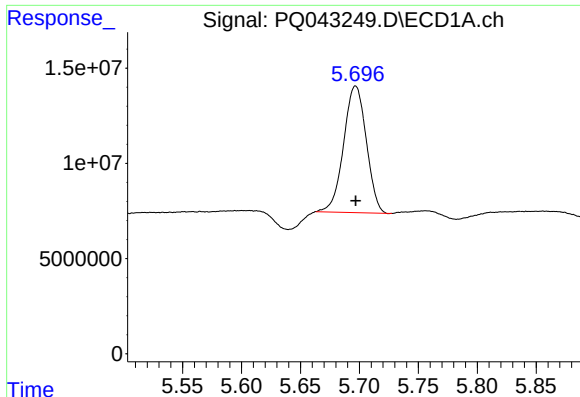
Instrument :
 ECD_Q
 ClientSampleId :
 F2D03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 09:14:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 05 08:38:32 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	11.723	10.286	237.2E6	140.4E6	62.307	66.311

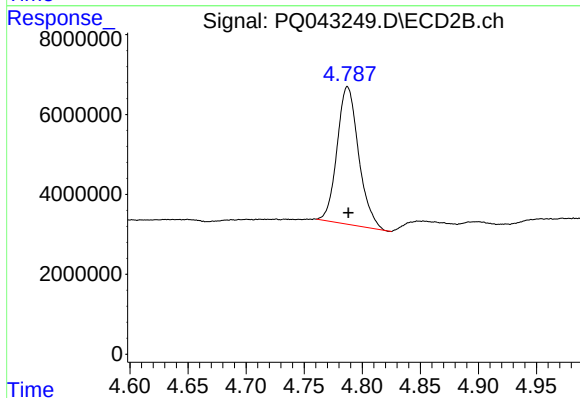
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

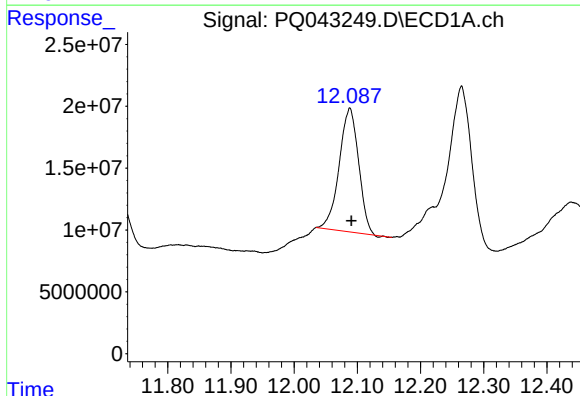
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 89088462
Conc: 13.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



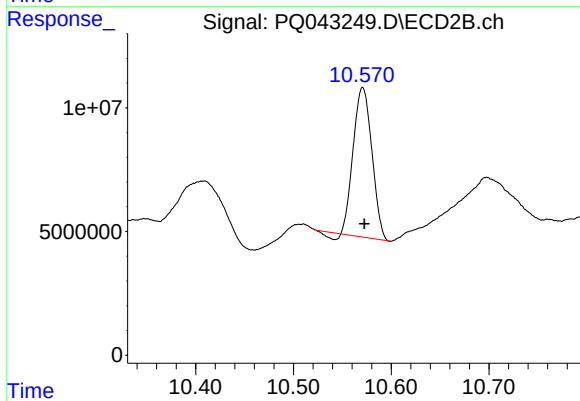
#1 Tetrachloro-m-xylene

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 44474081
Conc: 14.41 ng/ml



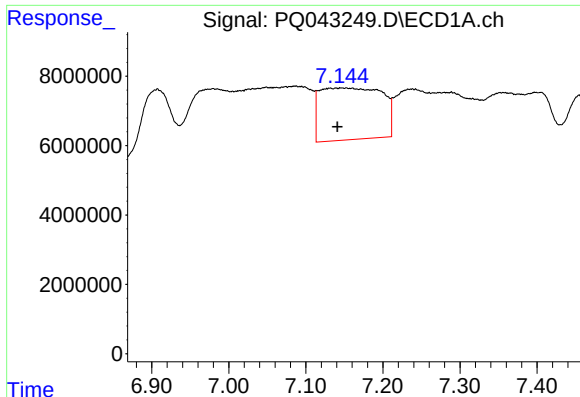
#2 Decachlorobiphenyl

R.T.: 12.087 min
Delta R.T.: -0.003 min
Response: 212999044
Conc: 20.39 ng/ml



#2 Decachlorobiphenyl

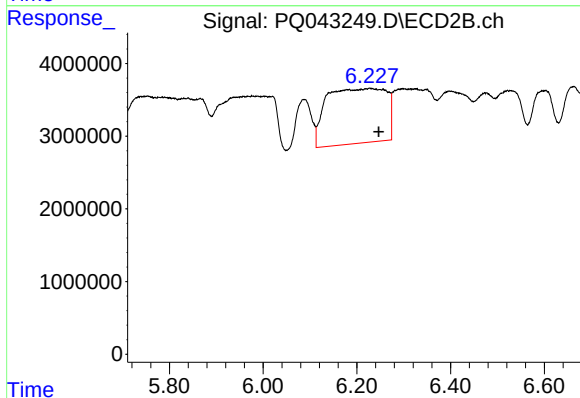
R.T.: 10.571 min
Delta R.T.: -0.002 min
Response: 78447985
Conc: 12.80 ng/ml



#3 AR-1016-1

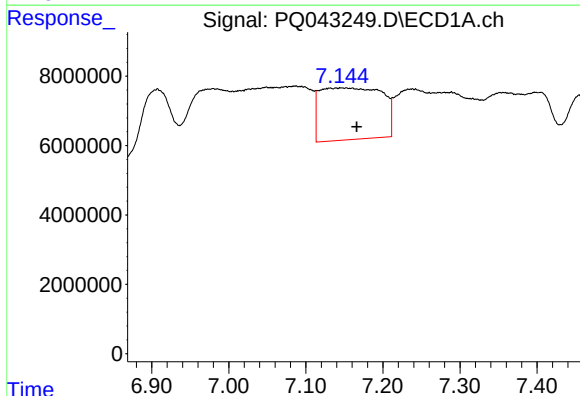
R.T.: 7.147 min
Delta R.T.: 0.006 min
Response: 83761654
Conc: 330.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



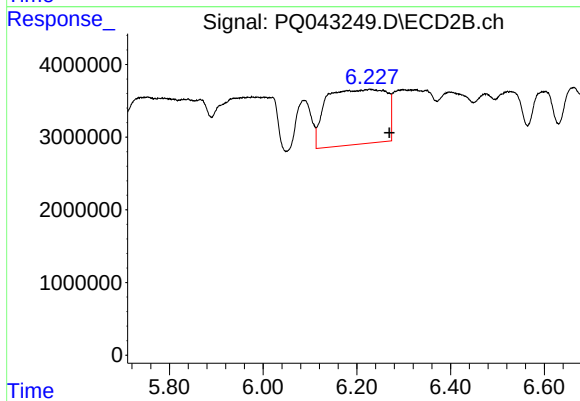
#3 AR-1016-1

R.T.: 6.228 min
Delta R.T.: -0.018 min
Response: 66798900
Conc: 497.74 ng/ml



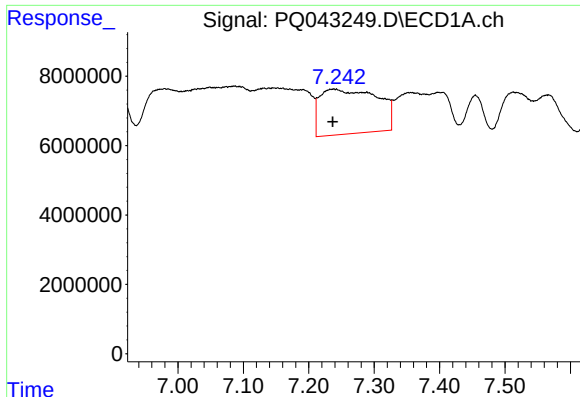
#4 AR-1016-2

R.T.: 7.147 min
Delta R.T.: -0.019 min
Response: 83761654
Conc: 228.20 ng/ml



#4 AR-1016-2

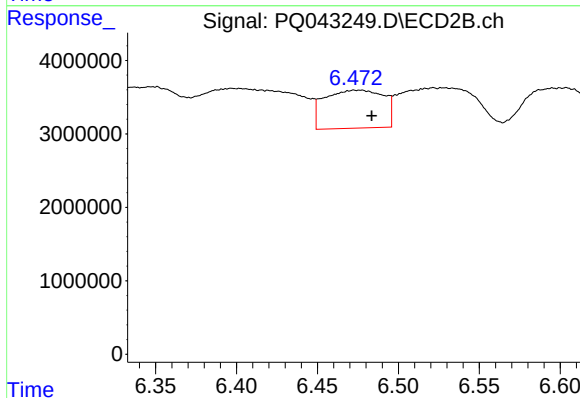
R.T.: 6.228 min
Delta R.T.: -0.041 min
Response: 66798900
Conc: 365.41 ng/ml



#5 AR-1016-3

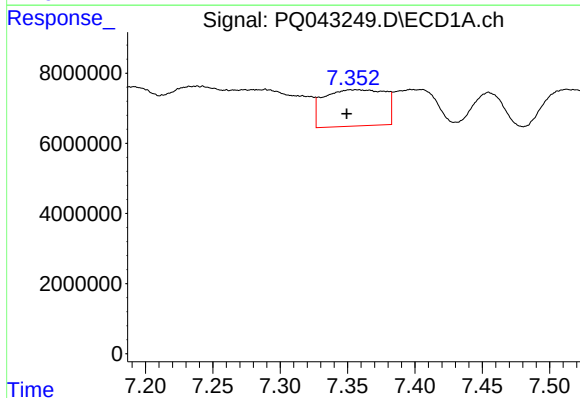
R.T.: 7.238 min
Delta R.T.: 0.001 min
Response: 78913972
Conc: 355.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



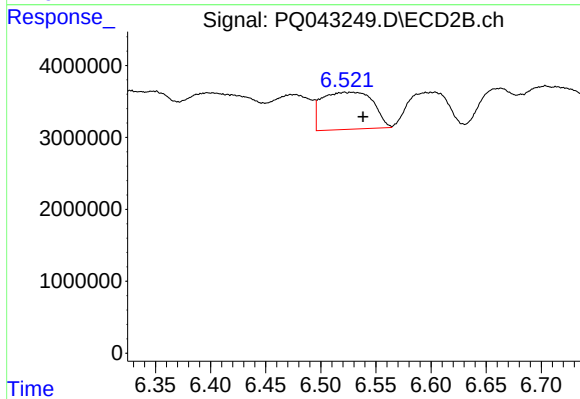
#5 AR-1016-3

R.T.: 6.475 min
Delta R.T.: -0.009 min
Response: 13148136
Conc: 135.12 ng/ml



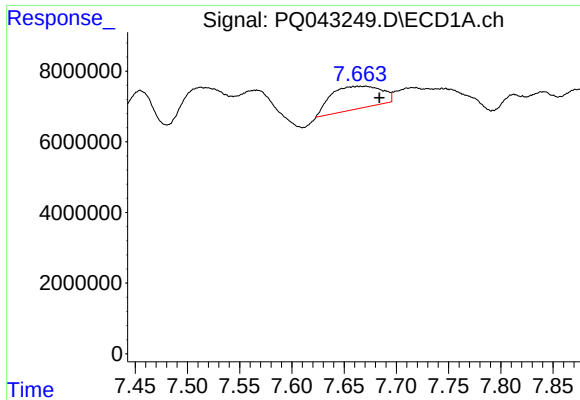
#6 AR-1016-4

R.T.: 7.356 min
Delta R.T.: 0.007 min
Response: 32563018
Conc: 174.33 ng/ml



#6 AR-1016-4

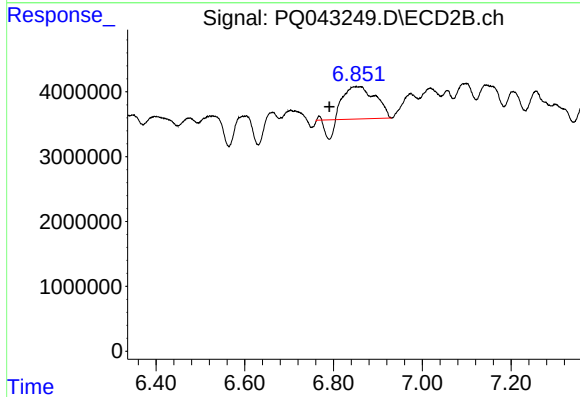
R.T.: 6.526 min
Delta R.T.: -0.012 min
Response: 16676086
Conc: 217.14 ng/ml



#7 AR-1016-5

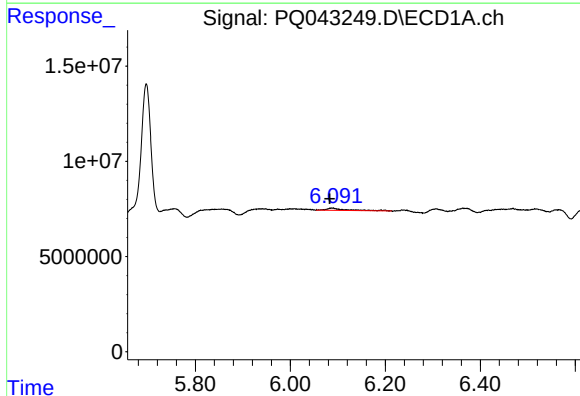
R.T.: 7.668 min
Delta R.T.: -0.016 min
Response: 21390043
Conc: 119.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



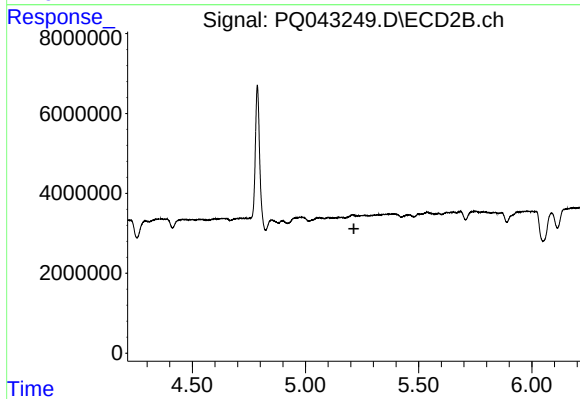
#7 AR-1016-5

R.T.: 6.850 min
Delta R.T.: 0.059 min
Response: 21799580
Conc: 210.74 ng/ml



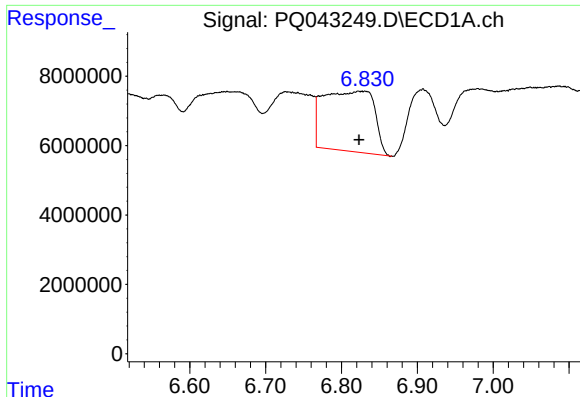
#9 AR-1221-2

R.T.: 6.088 min
Delta R.T.: 0.005 min
Response: 3272934
Conc: 76.58 ng/ml



#9 AR-1221-2

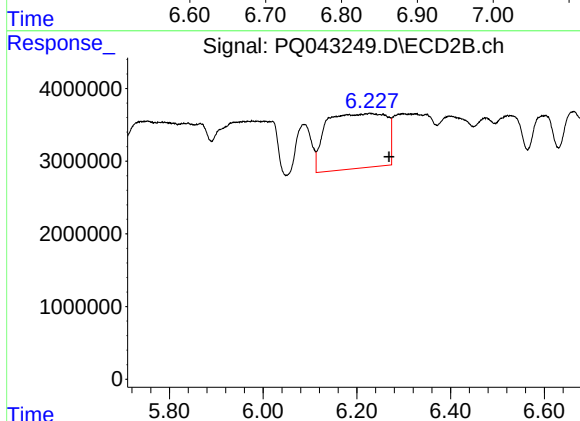
R.T.: 0.000 min
Exp R.T.: 5.214 min
Response: 0
Conc: N.D.



#12 AR-1232-2

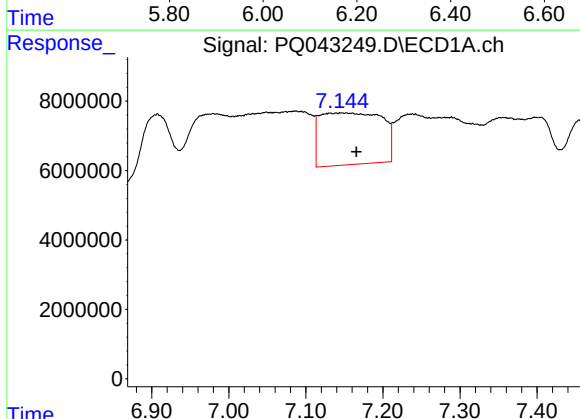
R.T.: 6.827 min
Delta R.T.: 0.003 min
Response: 81114856
Conc: 1109.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



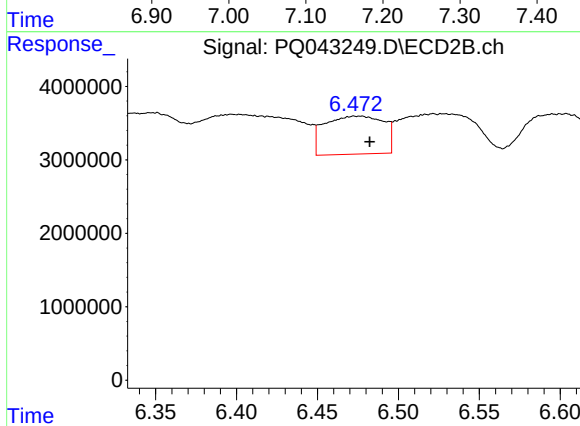
#12 AR-1232-2

R.T.: 6.228 min
Delta R.T.: -0.041 min
Response: 66798900
Conc: 1017.03 ng/ml



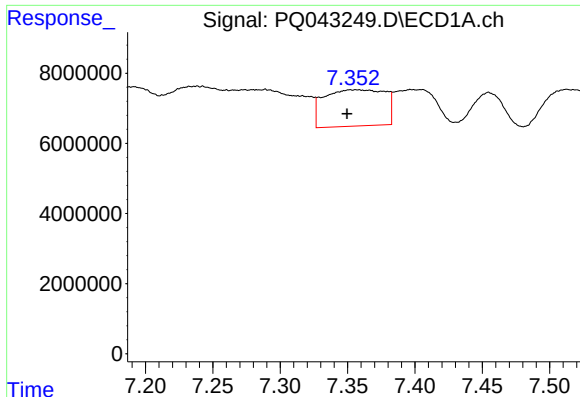
#13 AR-1232-3

R.T.: 7.147 min
Delta R.T.: -0.019 min
Response: 83761654
Conc: 566.81 ng/ml



#13 AR-1232-3

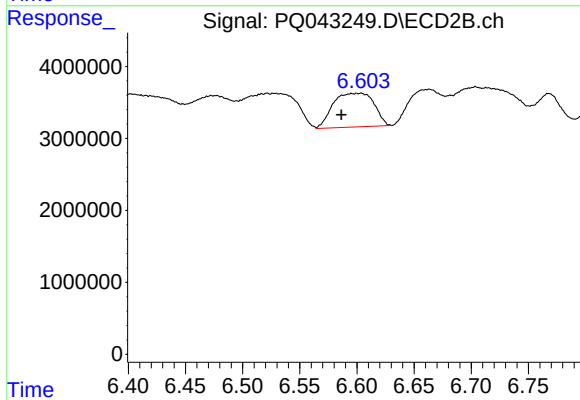
R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 13148136
Conc: 383.51 ng/ml



#14 AR-1232-4

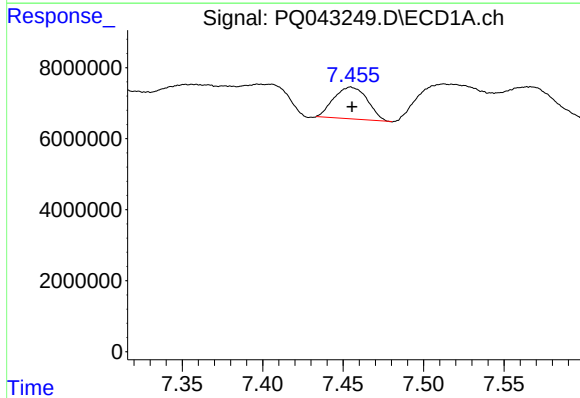
R.T.: 7.356 min
Delta R.T.: 0.006 min
Response: 32563018
Conc: 464.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



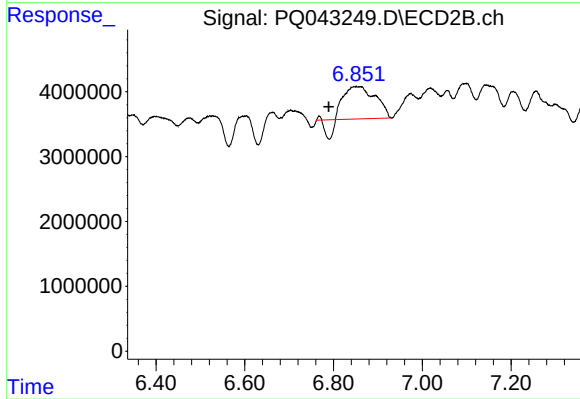
#14 AR-1232-4

R.T.: 6.601 min
Delta R.T.: 0.014 min
Response: 11669555
Conc: 368.05 ng/ml



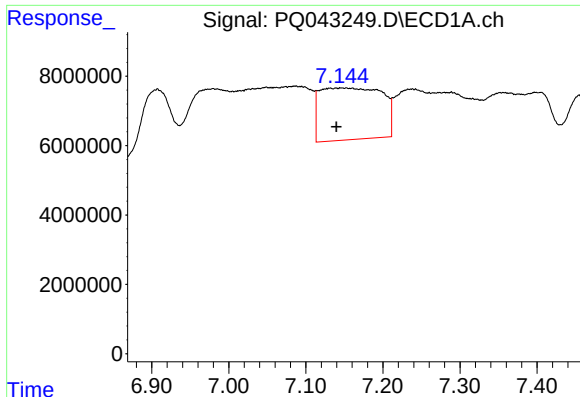
#15 AR-1232-5

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 13004600
Conc: 301.09 ng/ml



#15 AR-1232-5

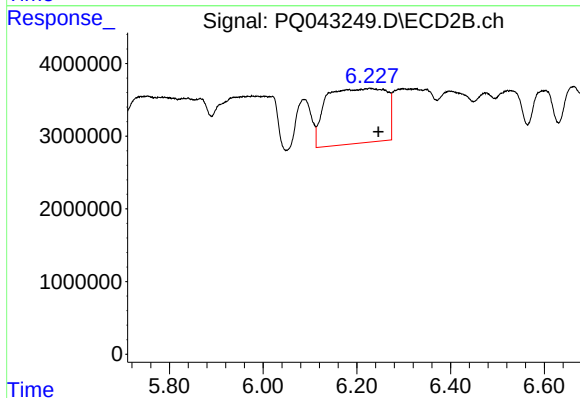
R.T.: 6.850 min
Delta R.T.: 0.061 min
Response: 21799580
Conc: 647.56 ng/ml



#16 AR-1242-1

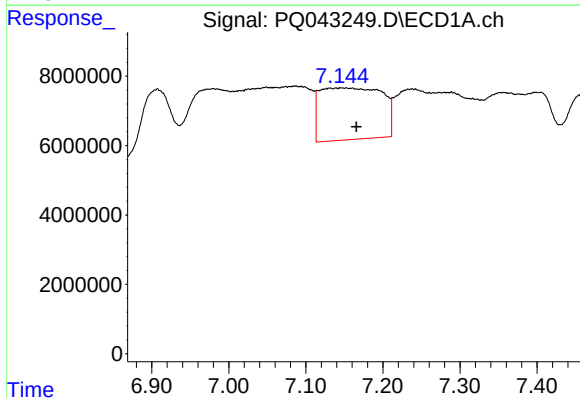
R.T.: 7.147 min
Delta R.T.: 0.007 min
Response: 83761654
Conc: 427.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



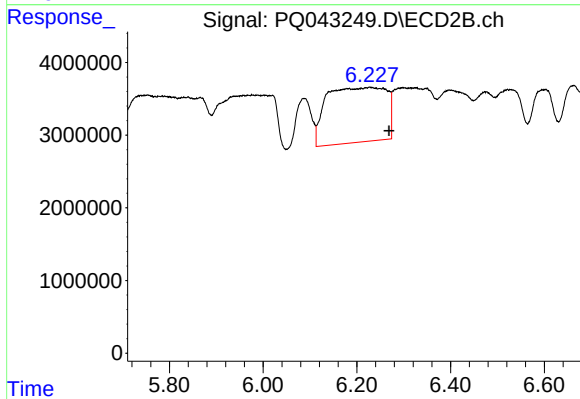
#16 AR-1242-1

R.T.: 6.228 min
Delta R.T.: -0.018 min
Response: 66798900
Conc: 649.52 ng/ml



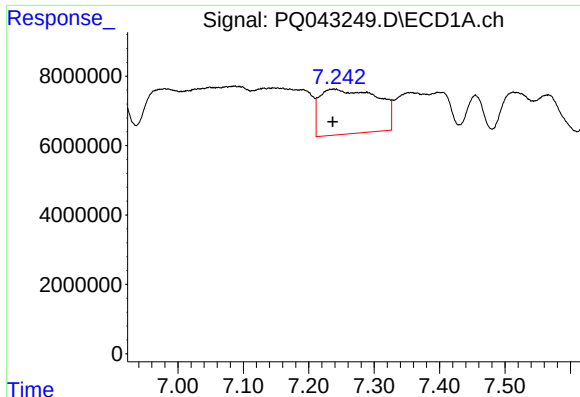
#17 AR-1242-2

R.T.: 7.147 min
Delta R.T.: -0.019 min
Response: 83761654
Conc: 291.96 ng/ml



#17 AR-1242-2

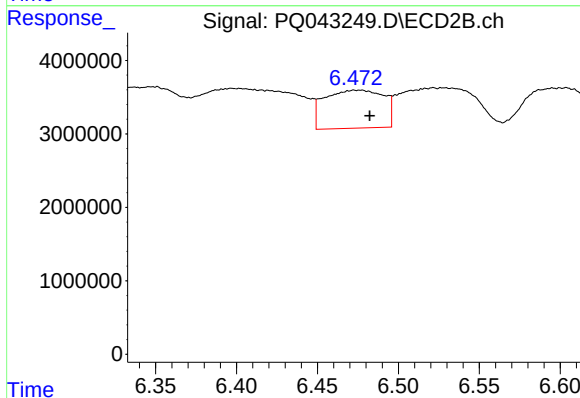
R.T.: 6.228 min
Delta R.T.: -0.041 min
Response: 66798900
Conc: 490.03 ng/ml



#18 AR-1242-3

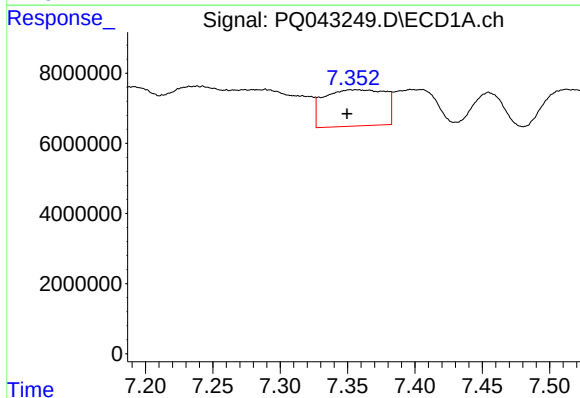
R.T.: 7.238 min
Delta R.T.: 0.002 min
Response: 78913972
Conc: 448.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



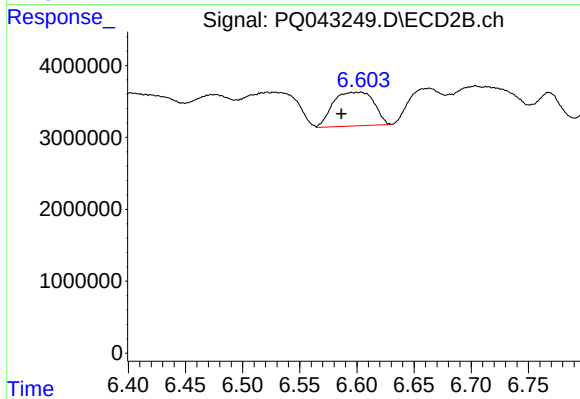
#18 AR-1242-3

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 13148136
Conc: 181.47 ng/ml



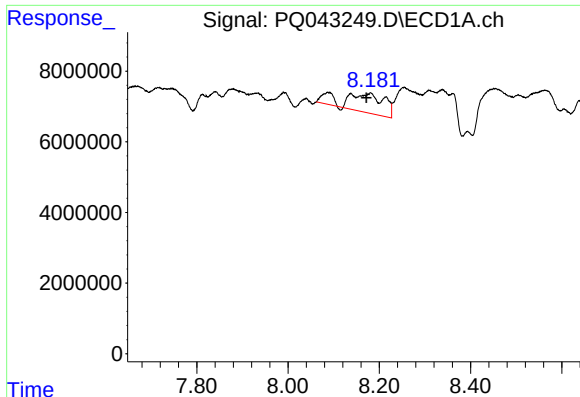
#19 AR-1242-4

R.T.: 7.356 min
Delta R.T.: 0.006 min
Response: 32563018
Conc: 218.11 ng/ml



#19 AR-1242-4

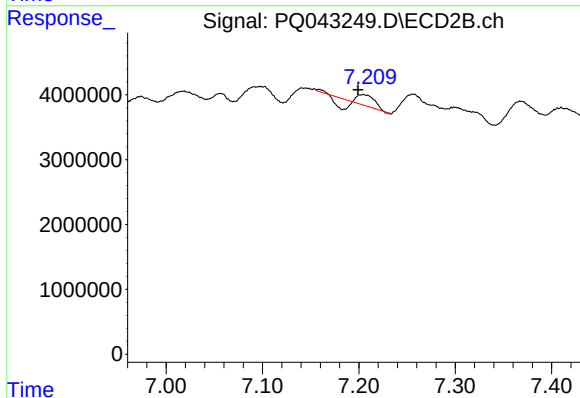
R.T.: 6.601 min
Delta R.T.: 0.014 min
Response: 11669555
Conc: 162.61 ng/ml



#20 AR-1242-5

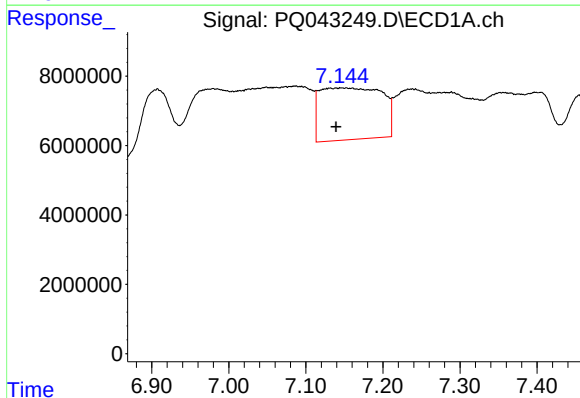
R.T.: 8.179 min
Delta R.T.: 0.007 min
Response: 32885566
Conc: 184.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



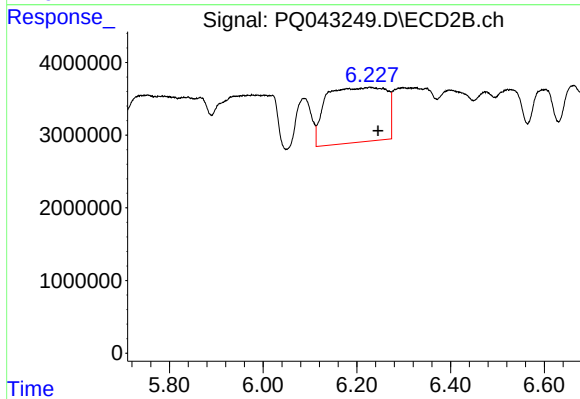
#20 AR-1242-5

R.T.: 7.205 min
Delta R.T.: 0.005 min
Response: 1084959
Conc: 9.87 ng/ml



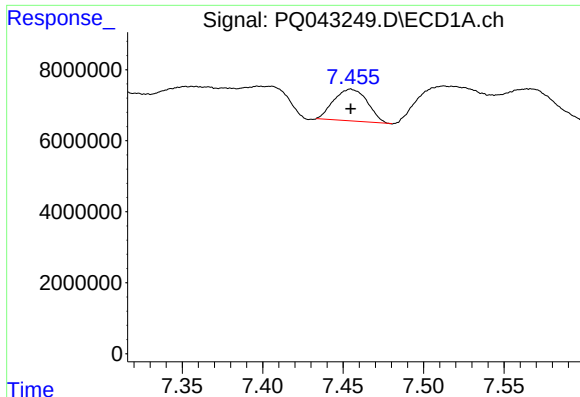
#21 AR-1248-1

R.T.: 7.147 min
Delta R.T.: 0.008 min
Response: 83761654
Conc: 558.78 ng/ml



#21 AR-1248-1

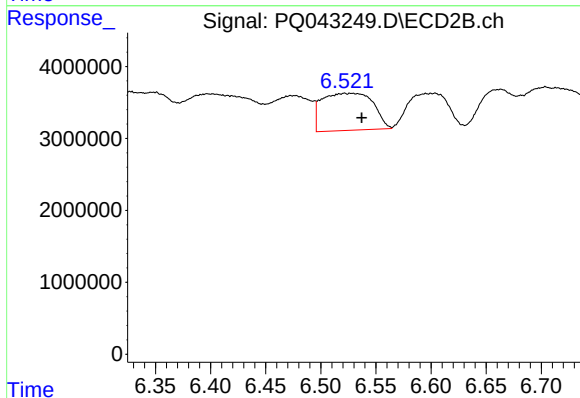
R.T.: 6.228 min
Delta R.T.: -0.017 min
Response: 66798900
Conc: 839.29 ng/ml



#22 AR-1248-2

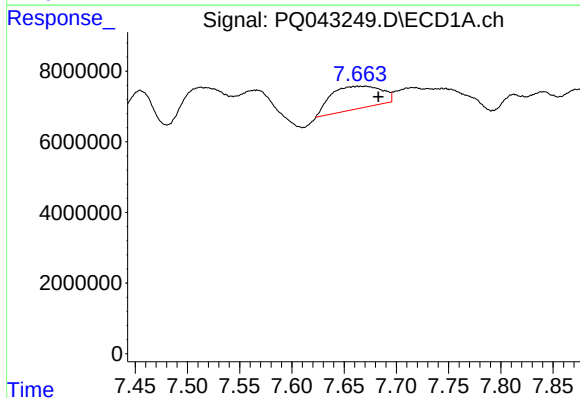
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 13004600
Conc: 68.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



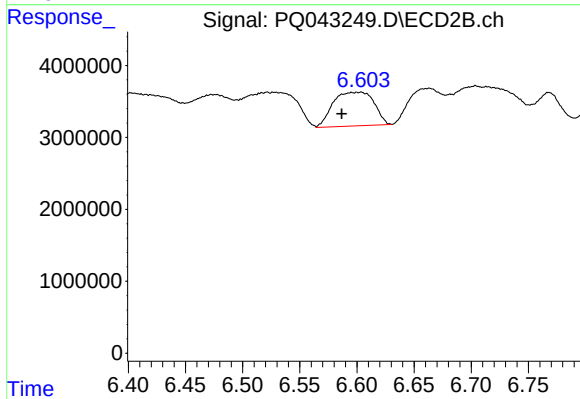
#22 AR-1248-2

R.T.: 6.526 min
Delta R.T.: -0.011 min
Response: 16676086
Conc: 160.59 ng/ml



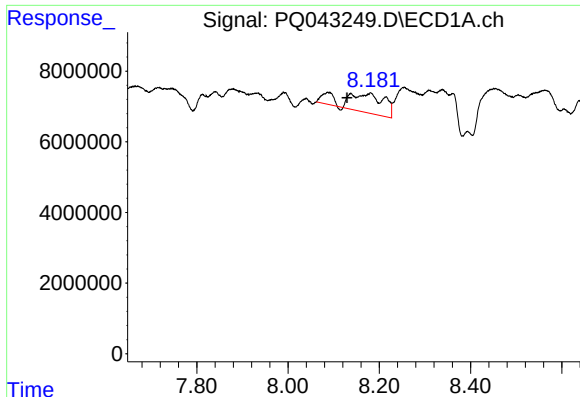
#23 AR-1248-3

R.T.: 7.668 min
Delta R.T.: -0.015 min
Response: 21390043
Conc: 88.44 ng/ml



#23 AR-1248-3

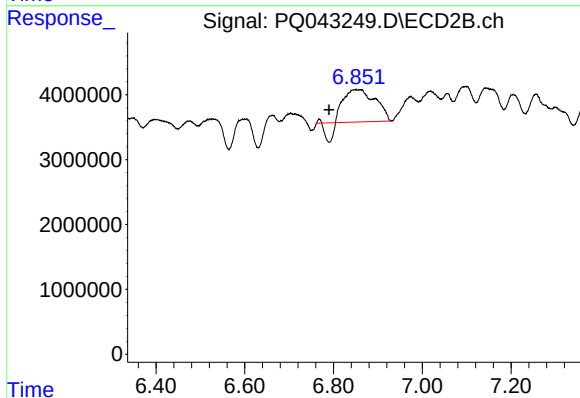
R.T.: 6.601 min
Delta R.T.: 0.014 min
Response: 11669555
Conc: 108.47 ng/ml



#24 AR-1248-4

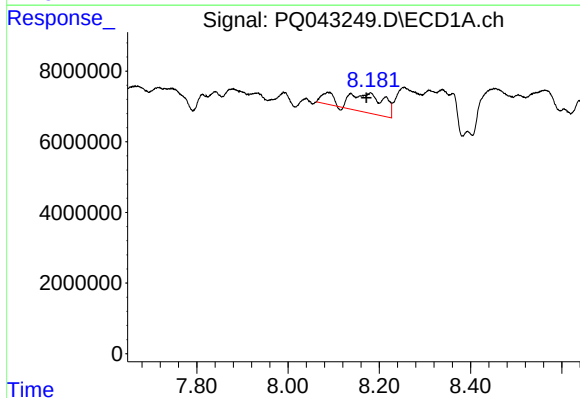
R.T.: 8.179 min
Delta R.T.: 0.049 min
Response: 32885566
Conc: 109.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



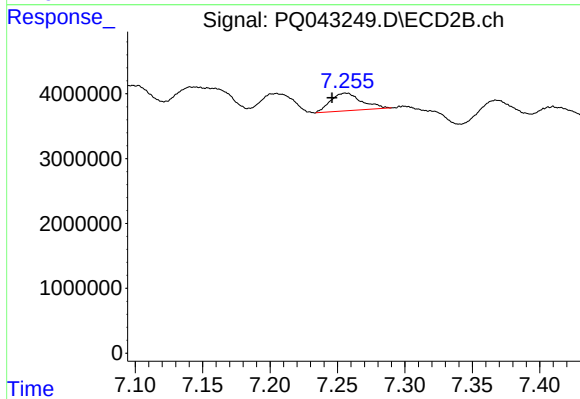
#24 AR-1248-4

R.T.: 6.850 min
Delta R.T.: 0.060 min
Response: 21799580
Conc: 164.27 ng/ml



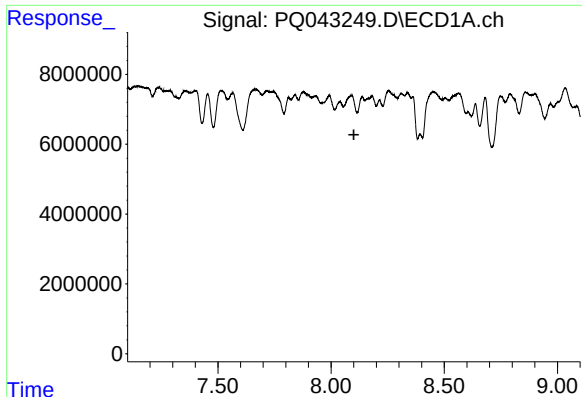
#25 AR-1248-5

R.T.: 8.179 min
Delta R.T.: 0.007 min
Response: 32885566
Conc: 112.14 ng/ml



#25 AR-1248-5

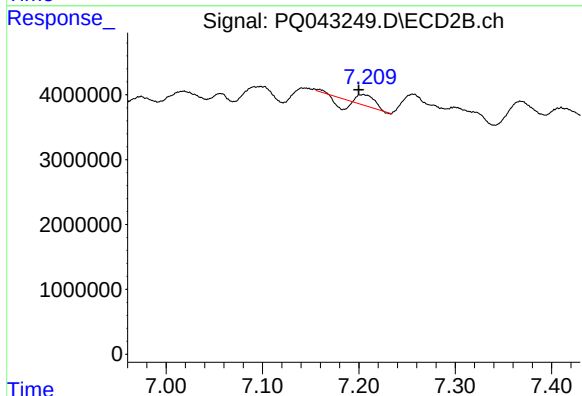
R.T.: 7.256 min
Delta R.T.: 0.010 min
Response: 4340420
Conc: 30.03 ng/ml



#26 AR-1254-1

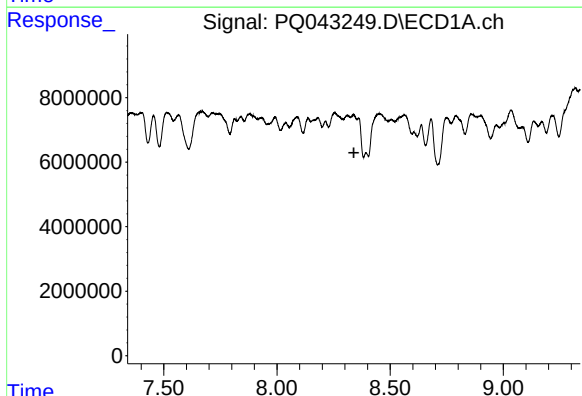
R.T.: 0.000 min
Exp R.T.: 8.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
F2D03



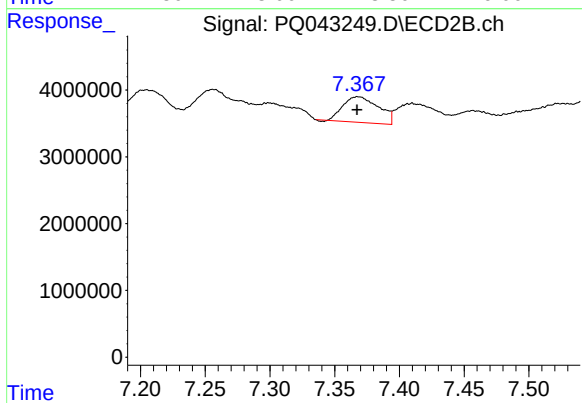
#26 AR-1254-1

R.T.: 7.205 min
Delta R.T.: 0.005 min
Response: 1084959
Conc: 4.79 ng/ml



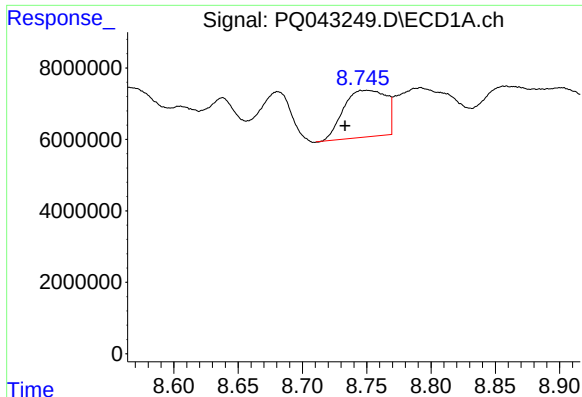
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 8.340 min
Response: 0
Conc: N.D.



#27 AR-1254-2

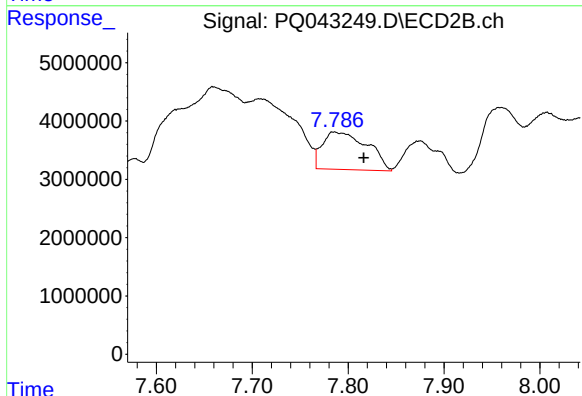
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 7376222
Conc: 35.29 ng/ml



#28 AR-1254-3

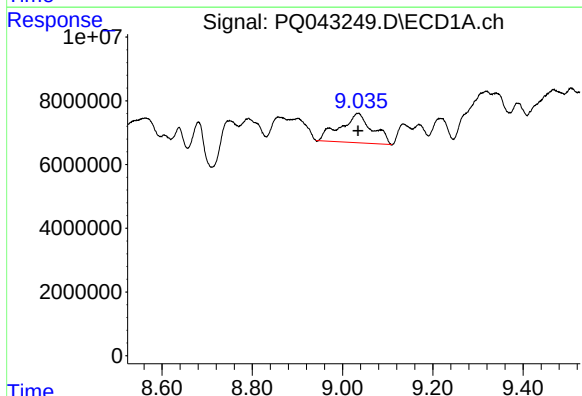
R.T.: 8.751 min
Delta R.T.: 0.018 min
Response: 29994421
Conc: 54.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



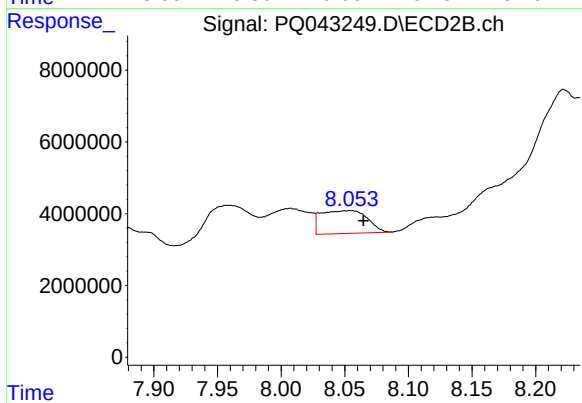
#28 AR-1254-3

R.T.: 7.786 min
Delta R.T.: -0.030 min
Response: 20877663
Conc: 55.82 ng/ml



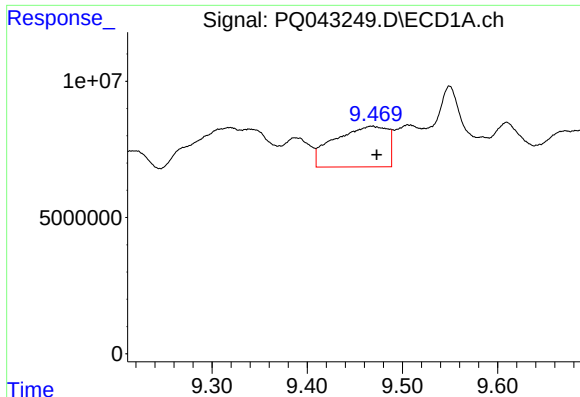
#29 AR-1254-4

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 44912046
Conc: 105.59 ng/ml



#29 AR-1254-4

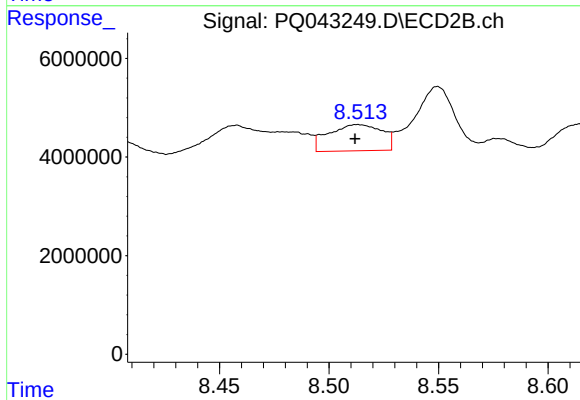
R.T.: 8.053 min
Delta R.T.: -0.011 min
Response: 16105086
Conc: 66.67 ng/ml



#30 AR-1254-5

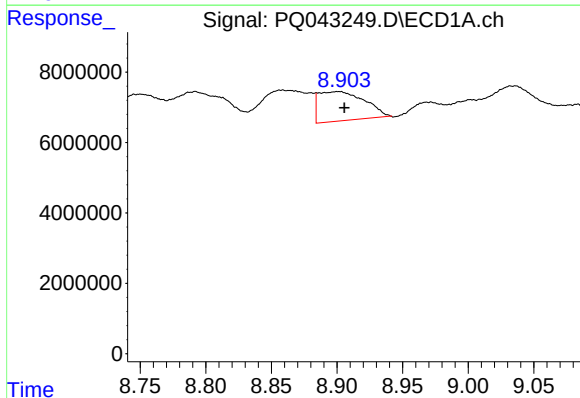
R.T.: 9.469 min
Delta R.T.: -0.004 min
Response: 57717110
Conc: 127.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



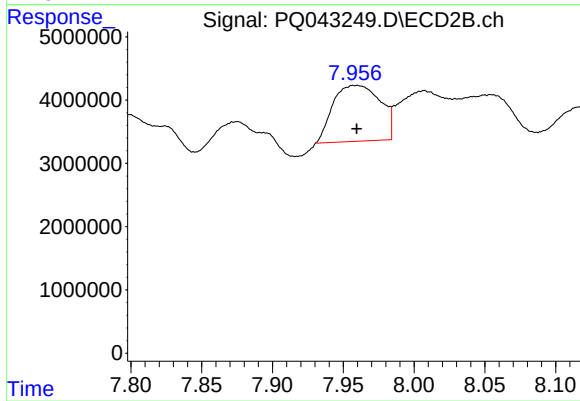
#30 AR-1254-5

R.T.: 8.513 min
Delta R.T.: 0.001 min
Response: 8983067
Conc: 24.78 ng/ml



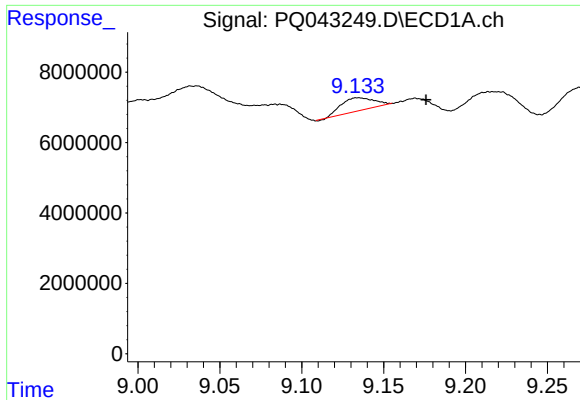
#31 AR-1260-1

R.T.: 8.898 min
Delta R.T.: -0.008 min
Response: 19322093
Conc: 55.49 ng/ml



#31 AR-1260-1

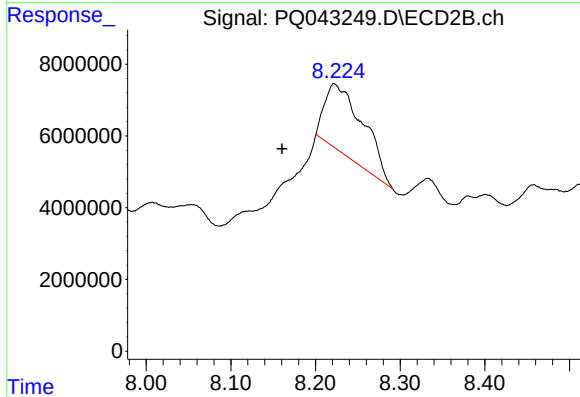
R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 20527775
Conc: 91.33 ng/ml



#32 AR-1260-2

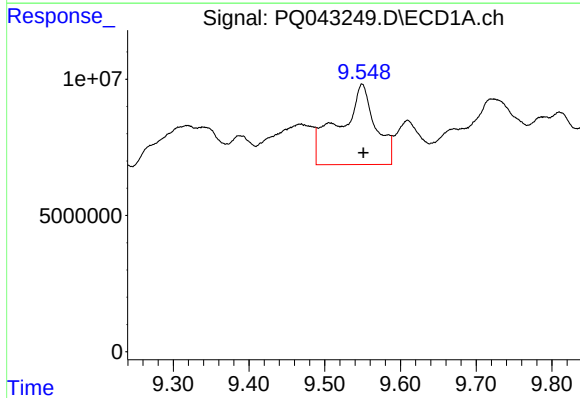
R.T.: 9.137 min
Delta R.T.: -0.039 min
Response: 5814645
Conc: 14.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



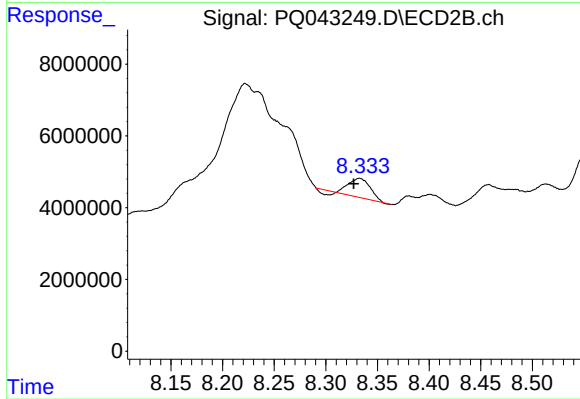
#32 AR-1260-2

R.T.: 8.222 min
Delta R.T.: 0.062 min
Response: 58665014
Conc: 198.16 ng/ml



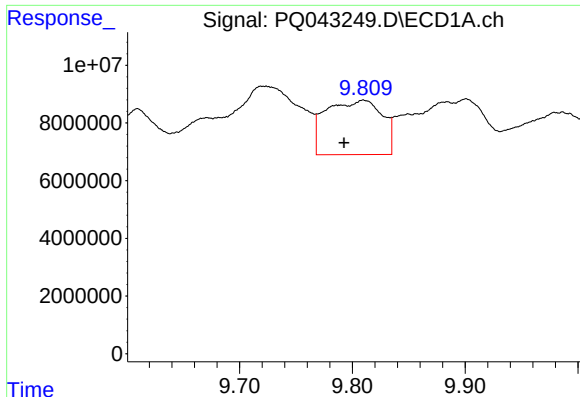
#33 AR-1260-3

R.T.: 9.549 min
Delta R.T.: -0.002 min
Response: 97918969
Conc: 277.25 ng/ml



#33 AR-1260-3

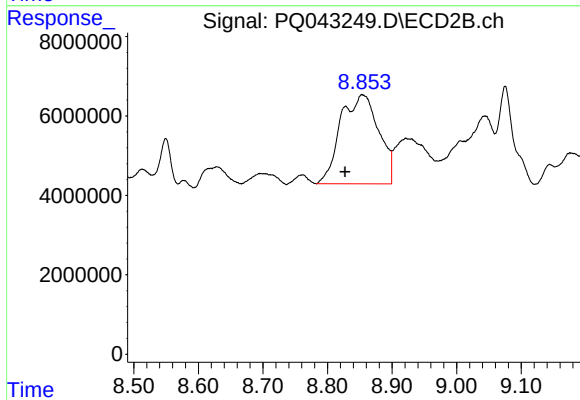
R.T.: 8.333 min
Delta R.T.: 0.005 min
Response: 6887397
Conc: 25.98 ng/ml



#34 AR-1260-4

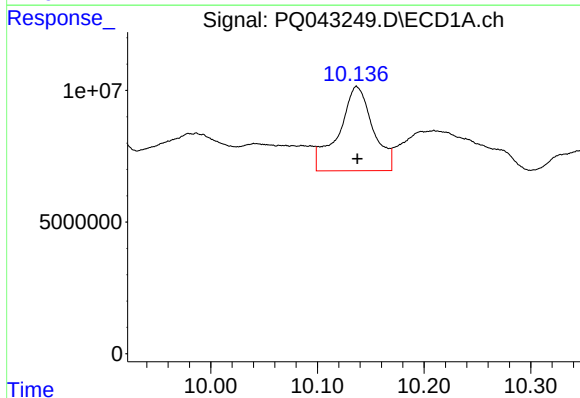
R.T.: 9.808 min
Delta R.T.: 0.016 min
Response: 65274619
Conc: 150.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



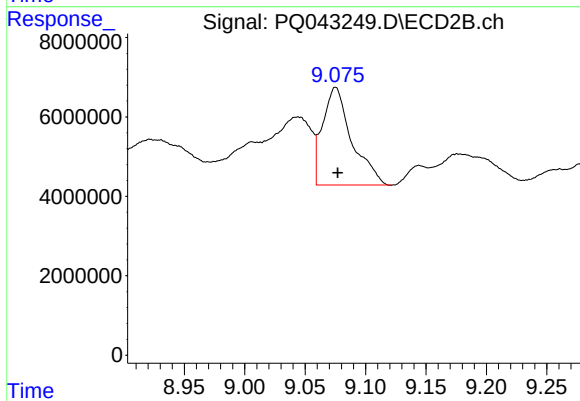
#34 AR-1260-4

R.T.: 8.855 min
Delta R.T.: 0.028 min
Response: 92228459
Conc: 386.21 ng/ml



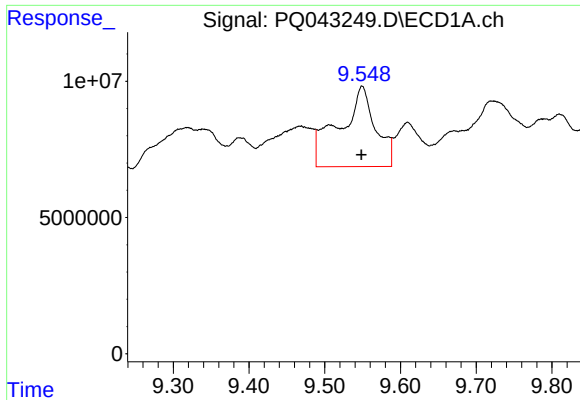
#35 AR-1260-5

R.T.: 10.137 min
Delta R.T.: 0.000 min
Response: 71308380
Conc: 75.23 ng/ml



#35 AR-1260-5

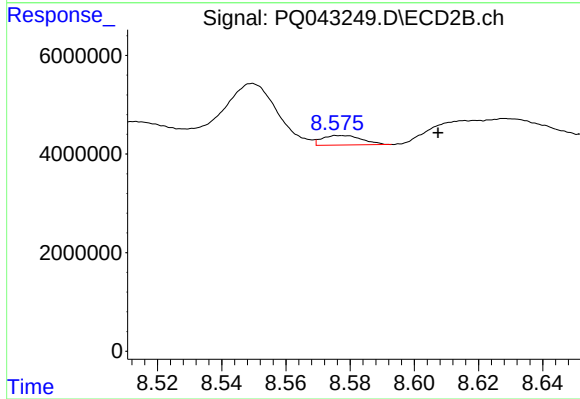
R.T.: 9.075 min
Delta R.T.: -0.002 min
Response: 41337750
Conc: 63.49 ng/ml



#36 AR-1262-1

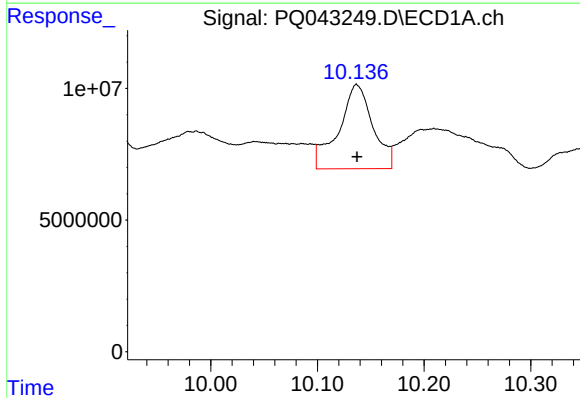
R.T.: 9.549 min
Delta R.T.: 0.000 min
Response: 97918969
Conc: 153.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



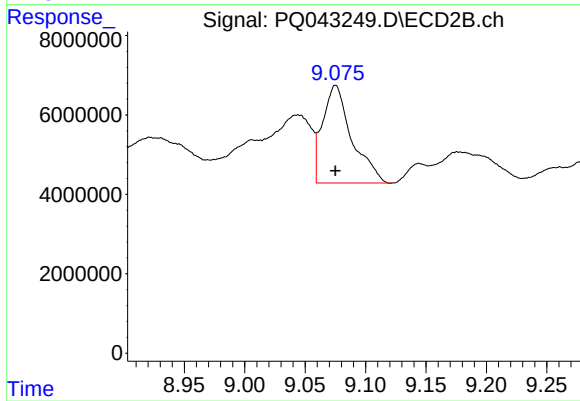
#36 AR-1262-1

R.T.: 8.577 min
Delta R.T.: -0.030 min
Response: 1678443
Conc: 10.66 ng/ml



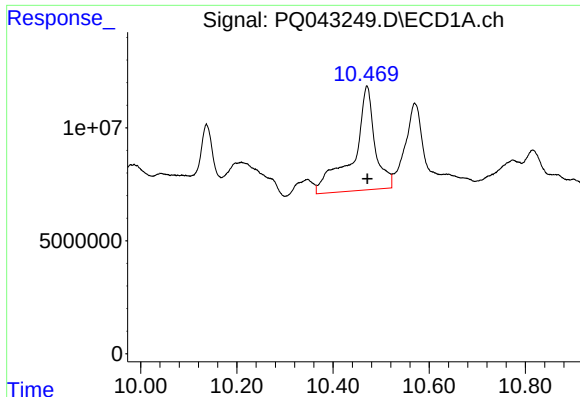
#37 AR-1262-2

R.T.: 10.137 min
Delta R.T.: 0.000 min
Response: 71308380
Conc: 58.29 ng/ml



#37 AR-1262-2

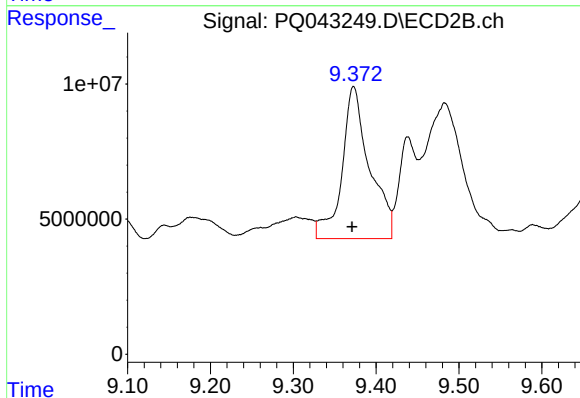
R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 41337750
Conc: 50.97 ng/ml



#38 AR-1262-3

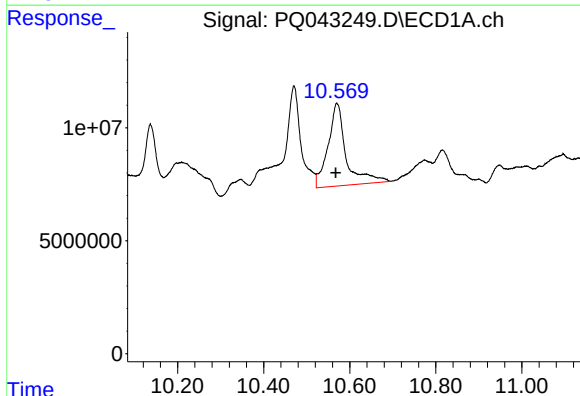
R.T.: 10.470 min
Delta R.T.: -0.001 min
Response: 144664264
Conc: 167.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



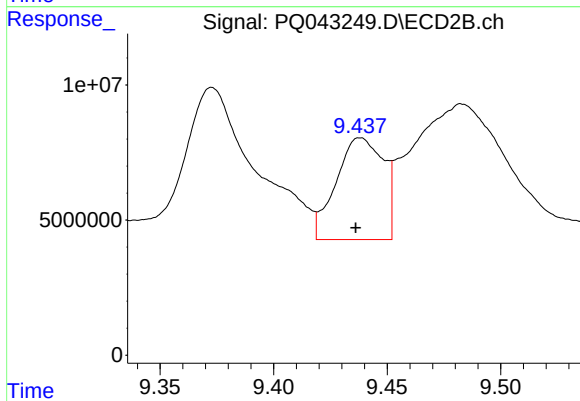
#38 AR-1262-3

R.T.: 9.373 min
Delta R.T.: 0.002 min
Response: 130540513
Conc: 398.60 ng/ml



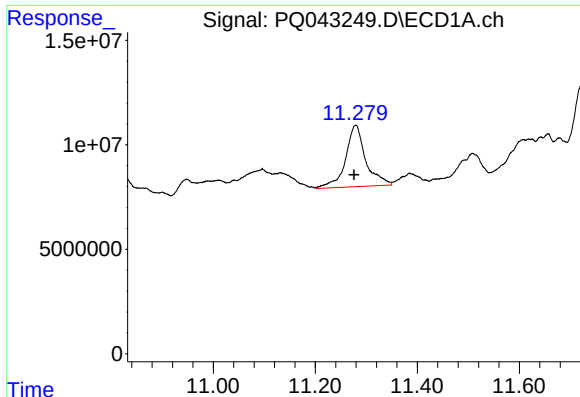
#39 AR-1262-4

R.T.: 10.570 min
Delta R.T.: 0.003 min
Response: 107636786
Conc: 160.73 ng/ml



#39 AR-1262-4

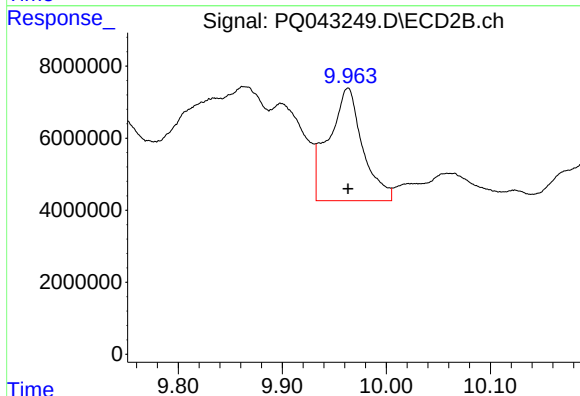
R.T.: 9.438 min
Delta R.T.: 0.002 min
Response: 54608837
Conc: 88.86 ng/ml



#40 AR-1262-5

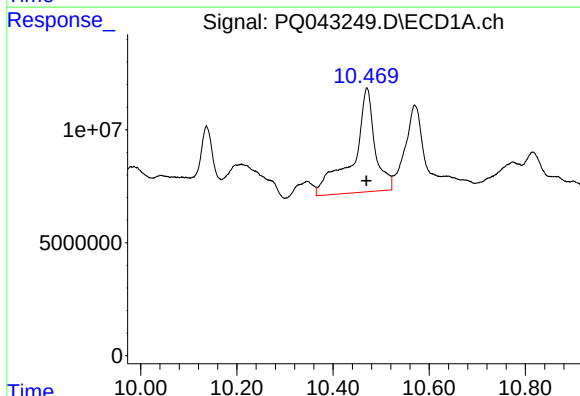
R.T.: 11.279 min
Delta R.T.: 0.003 min
Response: 81140291
Conc: 175.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



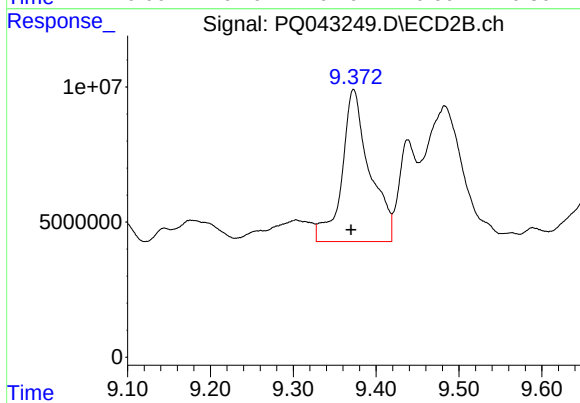
#40 AR-1262-5

R.T.: 9.963 min
Delta R.T.: 0.000 min
Response: 70698583
Conc: 235.55 ng/ml



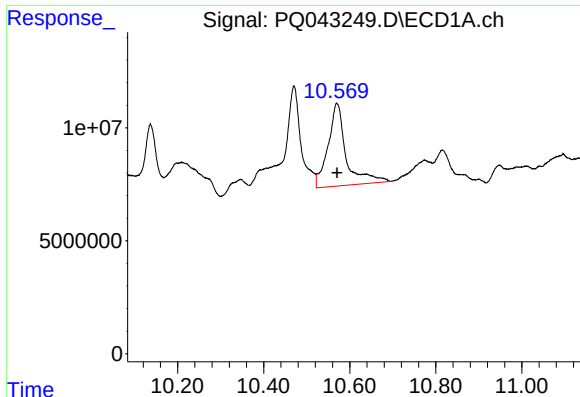
#41 AR-1268-1

R.T.: 10.470 min
Delta R.T.: 0.000 min
Response: 144664264
Conc: 107.43 ng/ml



#41 AR-1268-1

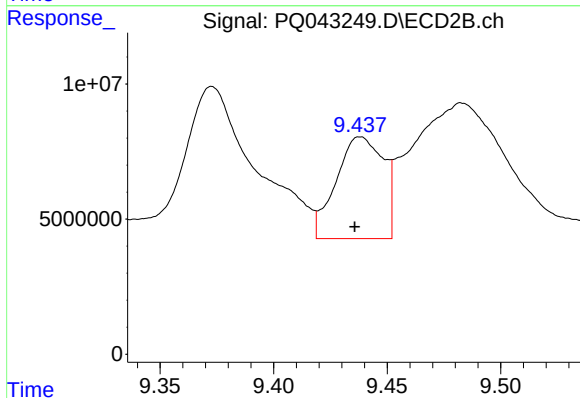
R.T.: 9.373 min
Delta R.T.: 0.003 min
Response: 130540513
Conc: 155.68 ng/ml



#42 AR-1268-2

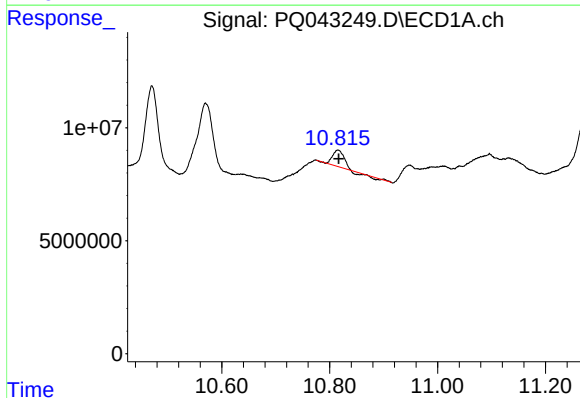
R.T.: 10.570 min
Delta R.T.: 0.000 min
Response: 107636786
Conc: 85.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



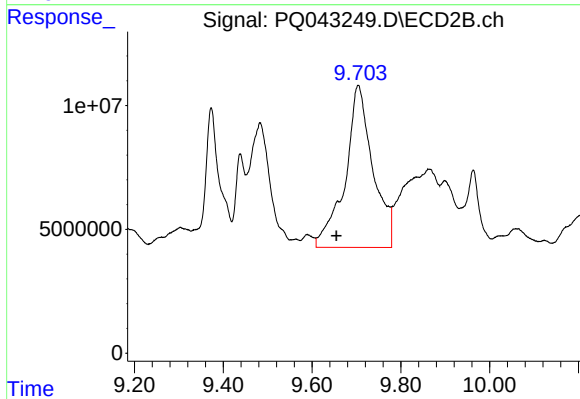
#42 AR-1268-2

R.T.: 9.438 min
Delta R.T.: 0.003 min
Response: 54608837
Conc: 69.63 ng/ml



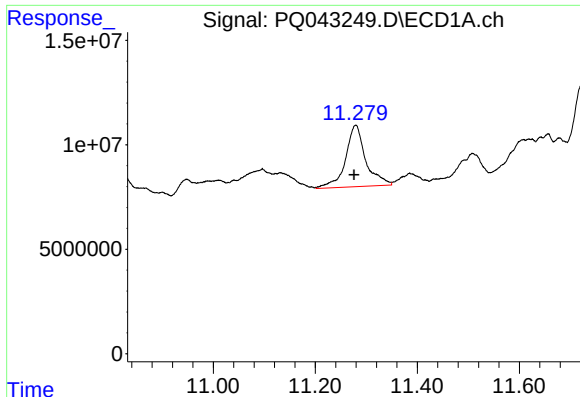
#43 AR-1268-3

R.T.: 10.815 min
Delta R.T.: -0.001 min
Response: 9335717
Conc: 9.02 ng/ml



#43 AR-1268-3

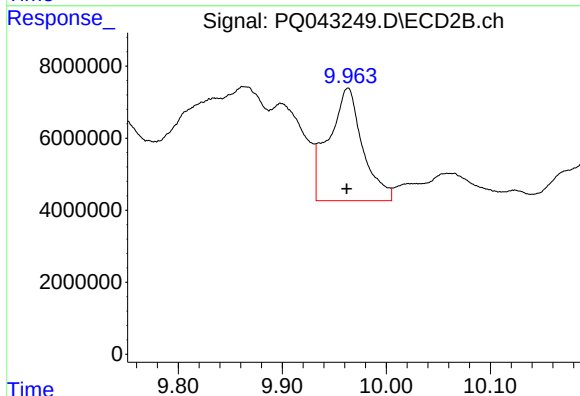
R.T.: 9.704 min
Delta R.T.: 0.049 min
Response: 284272044
Conc: 438.49 ng/ml



#44 AR-1268-4

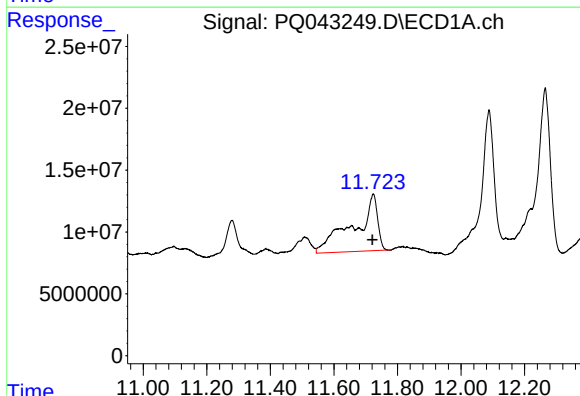
R.T.: 11.279 min
Delta R.T.: 0.003 min
Response: 81140291
Conc: 167.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D03



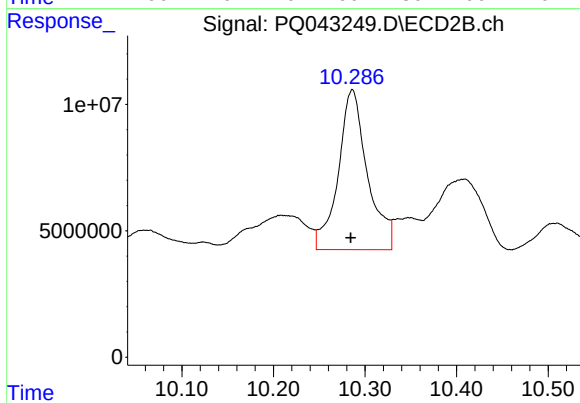
#44 AR-1268-4

R.T.: 9.963 min
Delta R.T.: 0.000 min
Response: 70698583
Conc: 241.81 ng/ml



#45 AR-1268-5

R.T.: 11.723 min
Delta R.T.: 0.002 min
Response: 237153221
Conc: 62.31 ng/ml



#45 AR-1268-5

R.T.: 10.286 min
Delta R.T.: 0.002 min
Response: 140411712
Conc: 66.31 ng/ml