

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042121\
 Data File : PQ053104.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2021 11:05
 Operator : DD\AJ
 Sample : M2084-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 07:26:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 2021
 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...	5.222	4.238	566.9E6	228.3E6	20.202	19.632
2)	SA Decachlor...	11.412	9.580	934.6E6	419.3E6	33.044	33.688
Target Compounds							
3)	L1 AR-1016-1	6.567	5.525	74174971	-8468052	76.132	N.D. #
4)	L1 AR-1016-2	6.567	5.525	74174971	-8468052	51.011	N.D. #
5)	L1 AR-1016-3	6.621	5.735	33527577	2893759	38.136	8.775 #
6)	L1 AR-1016-4	6.711f	5.764	36786562	2325270	50.782	8.921 #
7)	L1 AR-1016-5	7.036	5.988	5609619	10104933	8.122	30.406 #
8)	L2 AR-1221-1	5.485	0.000	25318180	0	83.247	N.D. #
9)	L2 AR-1221-2	5.580	4.590	8090089	3009816	39.207	33.873
10)	L2 AR-1221-3	5.673	4.685	130.7E6	41102647	188.230	133.098 #
11)	L3 AR-1232-1	5.673	4.685	130.7E6	41102647	251.600	180.058 #
12)	L3 AR-1232-2	6.281	5.525	42480926	-8468052	151.710	N.D. #
13)	L3 AR-1232-3	6.567	5.735	74174971	2893759	129.377	23.661 #
14)	L3 AR-1232-4	6.711f	5.809	36786562	2099311	128.620	20.051 #
15)	L3 AR-1232-5	6.846	5.988	8743513	10104933	42.847	86.151 #
16)	L4 AR-1242-1	6.567	5.525	74174971	-8468052	81.801	N.D. #
17)	L4 AR-1242-2	6.567	5.525	74174971	-8468052	54.615	N.D. #
18)	L4 AR-1242-3	6.621	5.735	33527577	2893759	40.627	9.552 #
19)	L4 AR-1242-4	6.711	5.809	36786562	2099311	53.695	7.380 #
20)	L4 AR-1242-5	7.529	6.368	28608862	5892828	39.216	14.874 #
21)	L5 AR-1248-1	6.567	5.525	74174971	-8468052	119.874	N.D. #
22)	L5 AR-1248-2	6.846	5.764	8743513	2325270	10.025	6.254 #
23)	L5 AR-1248-3	7.036	5.809	5609619	2099311	5.723	5.499
24)	L5 AR-1248-4	7.487	5.988	22047041	10104933	19.293	21.615
25)	L5 AR-1248-5	7.529	6.368f	28608862	5892828	25.104	11.976 #
26)	L6 AR-1254-1	7.455	6.368	41756185	5892828	26.562	5.496 #
27)	L6 AR-1254-2	7.684	6.527	70400503	20436176	28.755	21.425 #
28)	L6 AR-1254-3	8.069	6.949	30806909	45353555	11.707	29.282 #
29)	L6 AR-1254-4	8.362	7.186	31023549	16700204	16.120	15.949
30)	L6 AR-1254-5	8.792	7.616	508.0E6	234.5E6	248.350	160.700 #
31)	L7 AR-1260-1	8.235	7.085	166.0E6	118.3E6	144.186	182.550 #
32)	L7 AR-1260-2	8.497	7.281	324.8E6	206.9E6	233.124	223.256
33)	L7 AR-1260-3	8.864	7.437	213.7E6	81262493	199.573	104.436 #
34)	L7 AR-1260-4	9.107	7.920	238.5E6	111.5E6	196.999	164.269
35)	L7 AR-1260-5	9.453	8.166	498.4E6	334.5E6	194.778	180.785
36)	L8 AR-1262-1	8.864	7.616	213.7E6	234.5E6	106.837	382.540 #
37)	L8 AR-1262-2	9.453	8.166	498.4E6	334.5E6	134.297	131.625
38)	L8 AR-1262-3	9.812	8.454	388.5E6	61236561	154.796	60.278 #
39)	L8 AR-1262-4	9.867	8.517	203.6E6	218.8E6	101.883	127.012
40)	L8 AR-1262-5	10.602	9.021	154.0E6	76830086	108.650	98.705
41)	L9 AR-1268-1	9.812	8.454	388.5E6	61236561	87.314	20.909 #

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 Sample : M2084-03
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 ALS Vial : 49 Sample Multiplier: 1

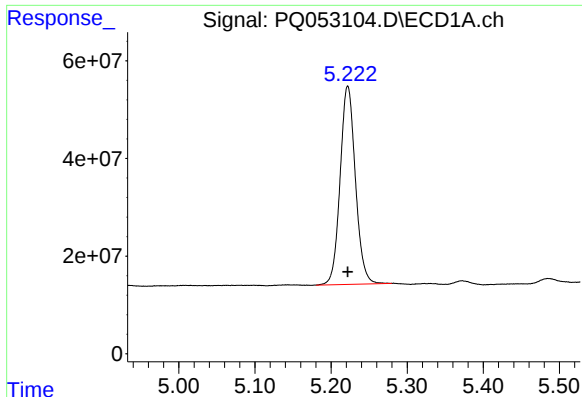
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 07:26:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.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
42) L9	AR-1268-2	9.867	8.517	203.6E6	218.8E6	47.491	87.888 #
43) L9	AR-1268-3	0.000	8.732	0	19332417	N.D.	8.918 #
44) L9	AR-1268-4	10.602	9.021	154.0E6	76830086	100.038	90.068
45) L9	AR-1268-5	11.050	9.320	68849871	30978892	5.345	4.995

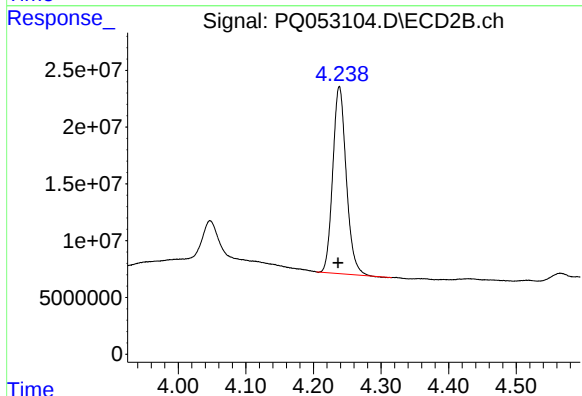
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

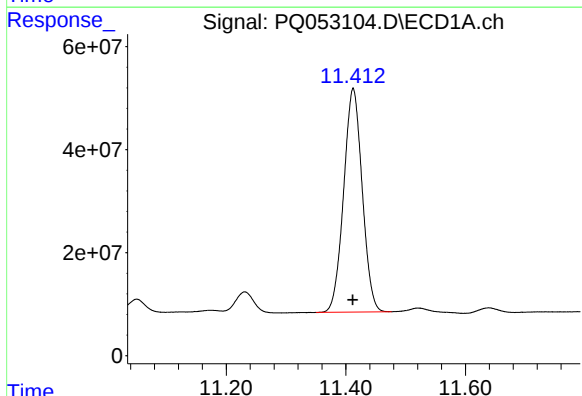
R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 566859688
Conc: 20.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



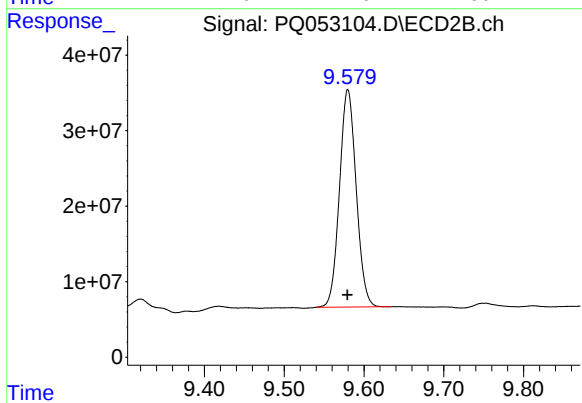
#1 Tetrachloro-m-xylene

R.T.: 4.238 min
Delta R.T.: 0.002 min
Response: 228292123
Conc: 19.63 ng/ml



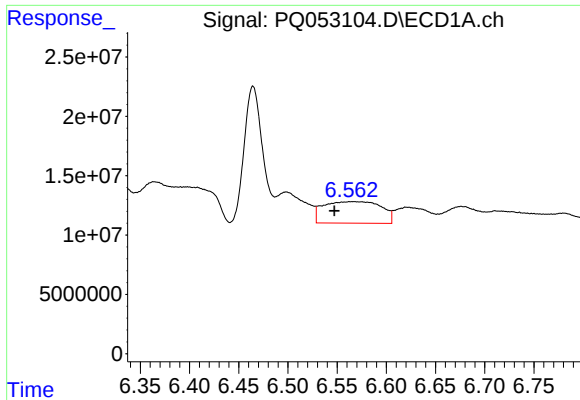
#2 Decachlorobiphenyl

R.T.: 11.412 min
Delta R.T.: 0.000 min
Response: 934556672
Conc: 33.04 ng/ml



#2 Decachlorobiphenyl

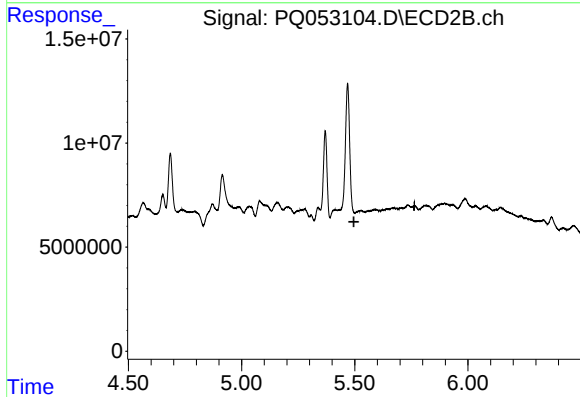
R.T.: 9.580 min
Delta R.T.: 0.000 min
Response: 419287565
Conc: 33.69 ng/ml



#3 AR-1016-1

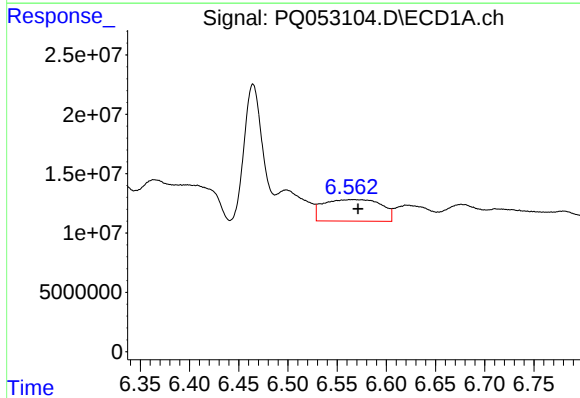
R.T.: 6.567 min
Delta R.T.: 0.020 min
Response: 74174971
Conc: 76.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



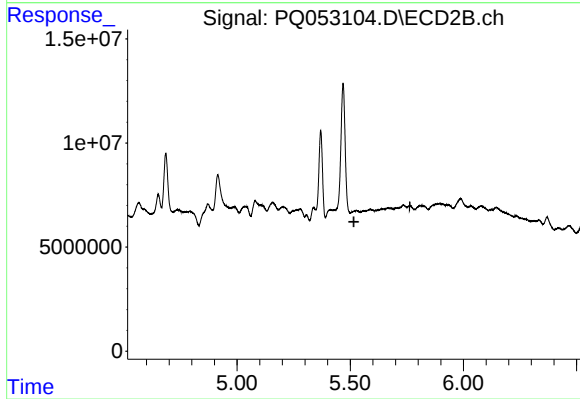
#3 AR-1016-1

R.T.: 5.525 min
Delta R.T.: 0.029 min
Response: -8468052
Conc: N.D.



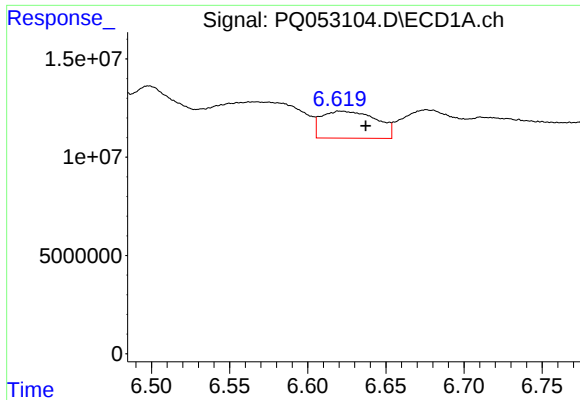
#4 AR-1016-2

R.T.: 6.567 min
Delta R.T.: -0.004 min
Response: 74174971
Conc: 51.01 ng/ml



#4 AR-1016-2

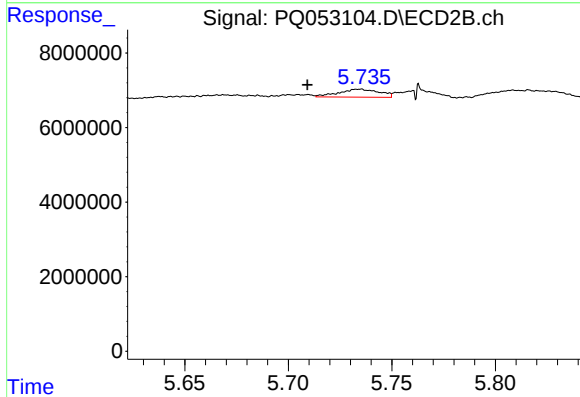
R.T.: 5.525 min
Delta R.T.: 0.009 min
Response: -8468052
Conc: N.D.



#5 AR-1016-3

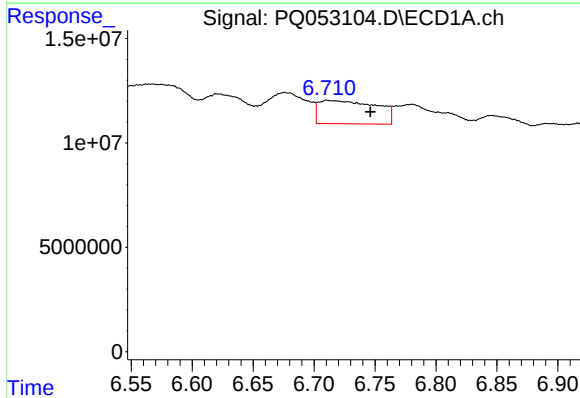
R.T.: 6.621 min
Delta R.T.: -0.016 min
Response: 33527577
Conc: 38.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



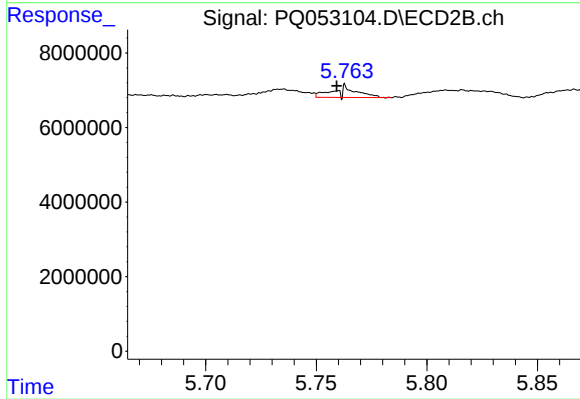
#5 AR-1016-3

R.T.: 5.735 min
Delta R.T.: 0.026 min
Response: 2893759
Conc: 8.78 ng/ml



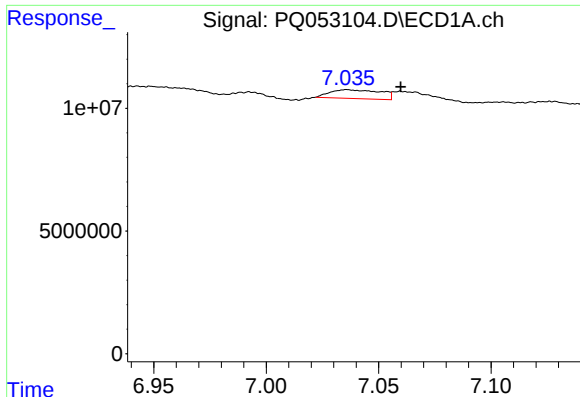
#6 AR-1016-4

R.T.: 6.711 min
Delta R.T.: -0.036 min
Response: 36786562
Conc: 50.78 ng/ml



#6 AR-1016-4

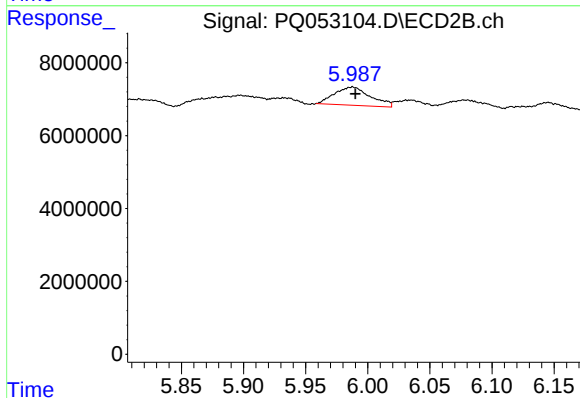
R.T.: 5.764 min
Delta R.T.: 0.004 min
Response: 2325270
Conc: 8.92 ng/ml



#7 AR-1016-5

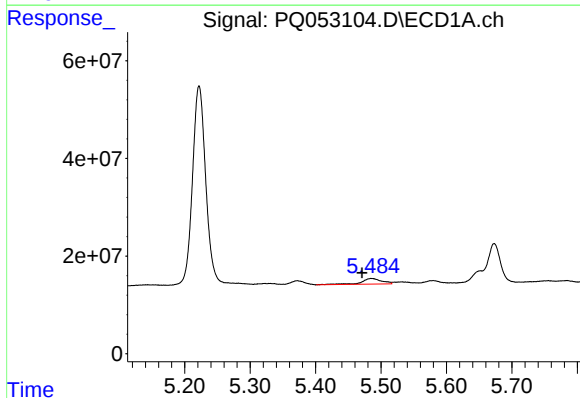
R.T.: 7.036 min
Delta R.T.: -0.024 min
Response: 5609619
Conc: 8.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



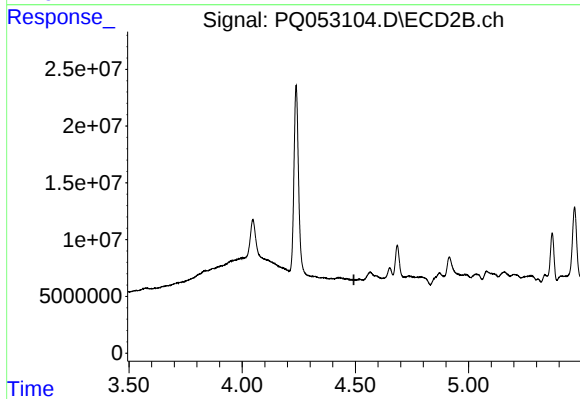
#7 AR-1016-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 10104933
Conc: 30.41 ng/ml



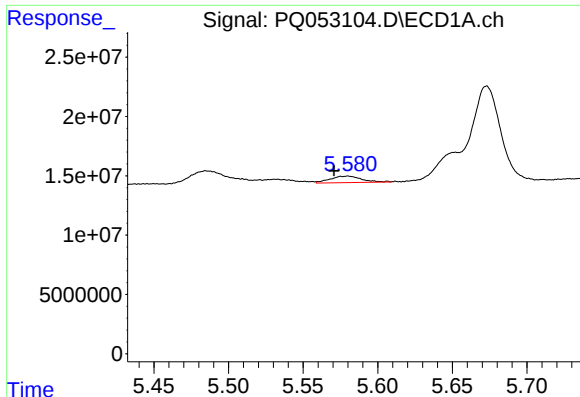
#8 AR-1221-1

R.T.: 5.485 min
Delta R.T.: 0.015 min
Response: 25318180
Conc: 83.25 ng/ml



#8 AR-1221-1

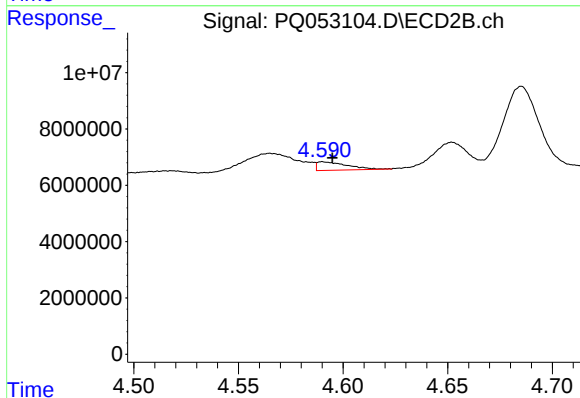
R.T.: 0.000 min
Exp R.T.: 4.494 min
Response: 0
Conc: N.D.



#9 AR-1221-2

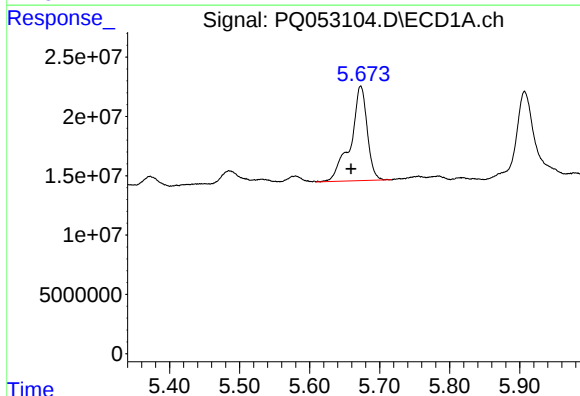
R.T.: 5.580 min
Delta R.T.: 0.009 min
Response: 8090089
Conc: 39.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



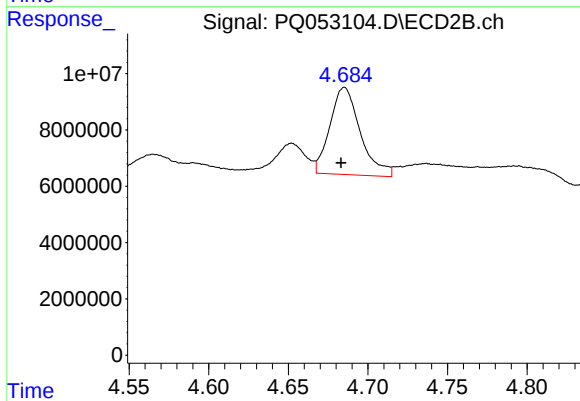
#9 AR-1221-2

R.T.: 4.590 min
Delta R.T.: -0.005 min
Response: 3009816
Conc: 33.87 ng/ml



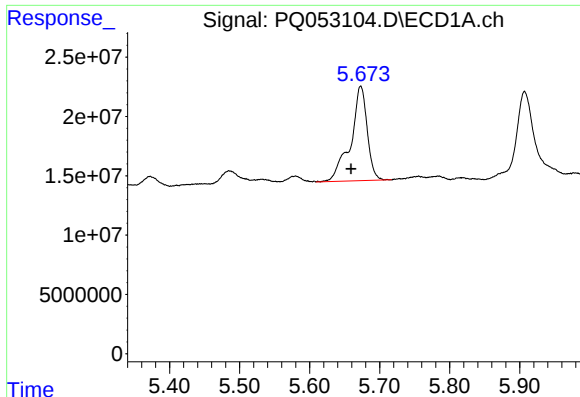
#10 AR-1221-3

R.T.: 5.673 min
Delta R.T.: 0.014 min
Response: 130661763
Conc: 188.23 ng/ml



#10 AR-1221-3

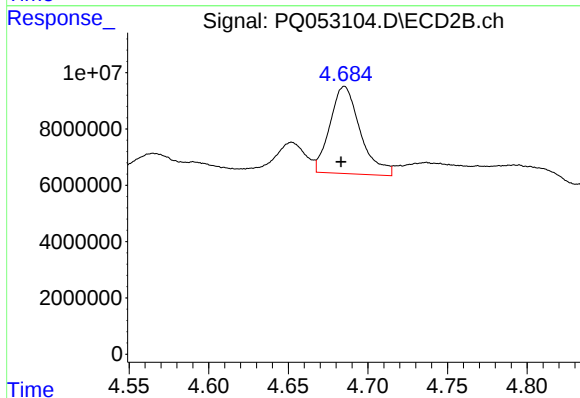
R.T.: 4.685 min
Delta R.T.: 0.002 min
Response: 41102647
Conc: 133.10 ng/ml



#11 AR-1232-1

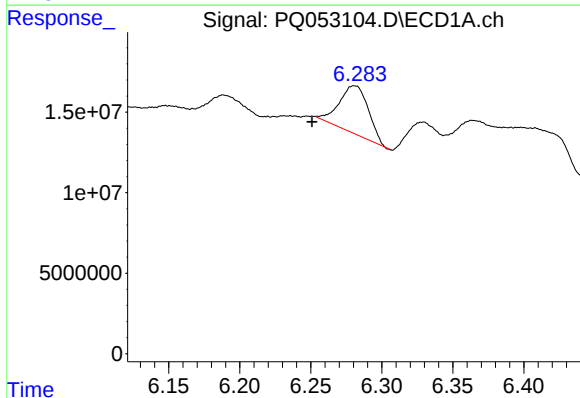
R.T.: 5.673 min
Delta R.T.: 0.014 min
Response: 130661763
Conc: 251.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



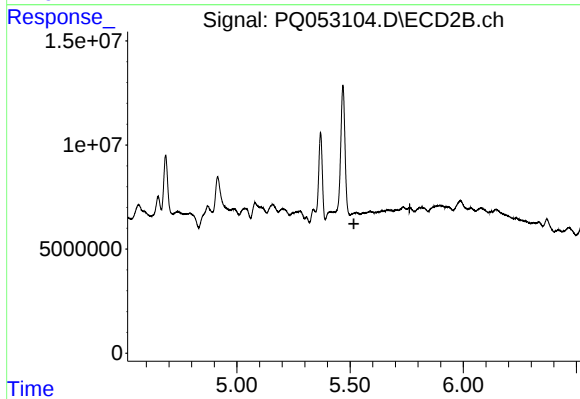
#11 AR-1232-1

R.T.: 4.685 min
Delta R.T.: 0.002 min
Response: 41102647
Conc: 180.06 ng/ml



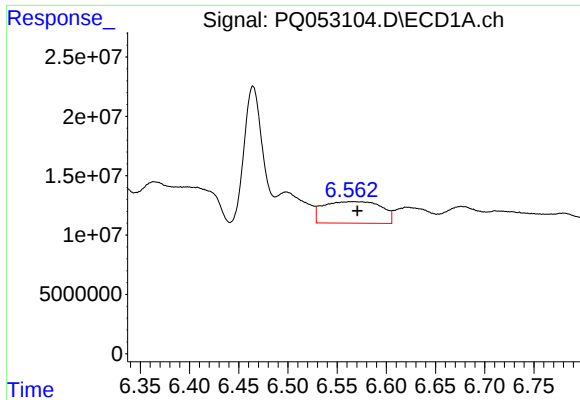
#12 AR-1232-2

R.T.: 6.281 min
Delta R.T.: 0.030 min
Response: 42480926
Conc: 151.71 ng/ml



#12 AR-1232-2

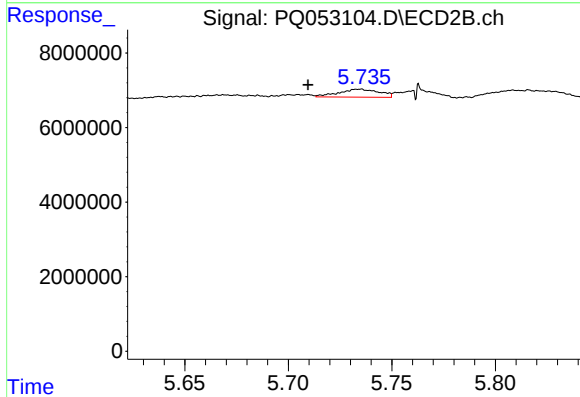
R.T.: 5.525 min
Delta R.T.: 0.009 min
Response: -8468052
Conc: N.D.



#13 AR-1232-3

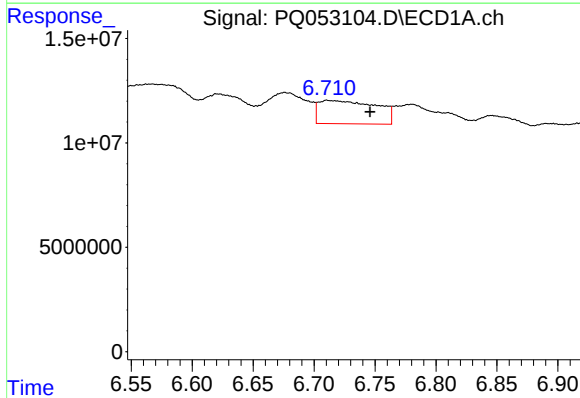
R.T.: 6.567 min
Delta R.T.: -0.004 min
Response: 74174971
Conc: 129.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



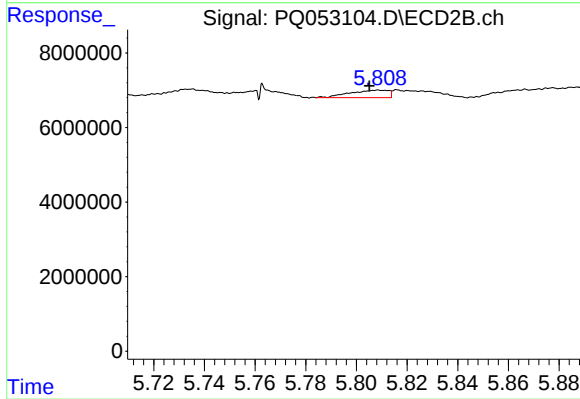
#13 AR-1232-3

R.T.: 5.735 min
Delta R.T.: 0.026 min
Response: 2893759
Conc: 23.66 ng/ml



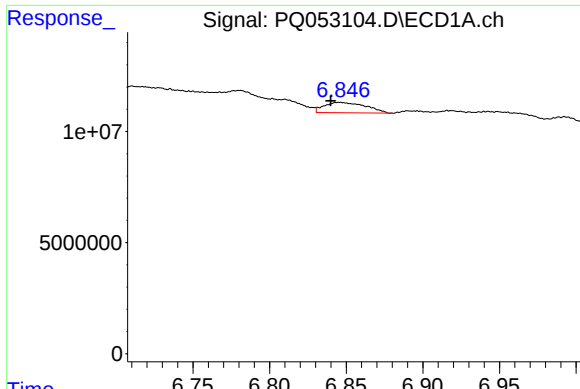
#14 AR-1232-4

R.T.: 6.711 min
Delta R.T.: -0.035 min
Response: 36786562
Conc: 128.62 ng/ml



#14 AR-1232-4

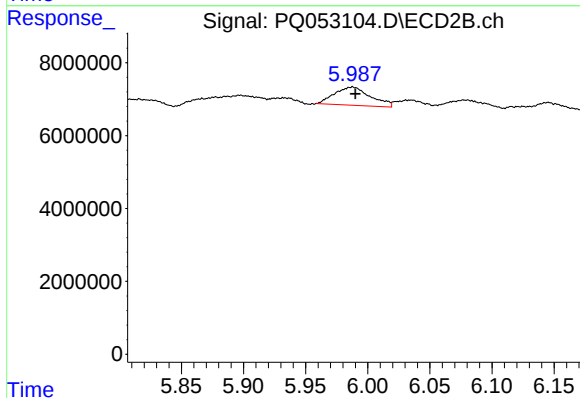
R.T.: 5.809 min
Delta R.T.: 0.003 min
Response: 2099311
Conc: 20.05 ng/ml



#15 AR-1232-5

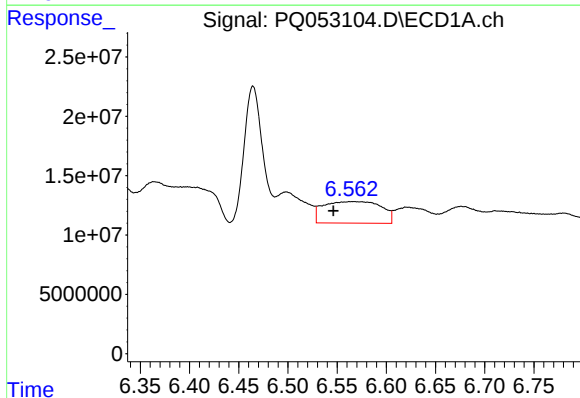
R.T.: 6.846 min
Delta R.T.: 0.006 min
Response: 8743513
Conc: 42.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



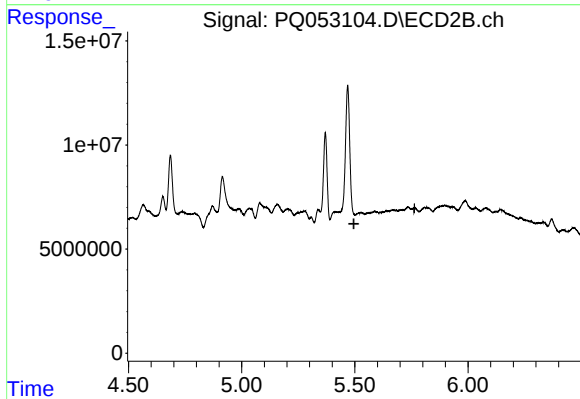
#15 AR-1232-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 10104933
Conc: 86.15 ng/ml



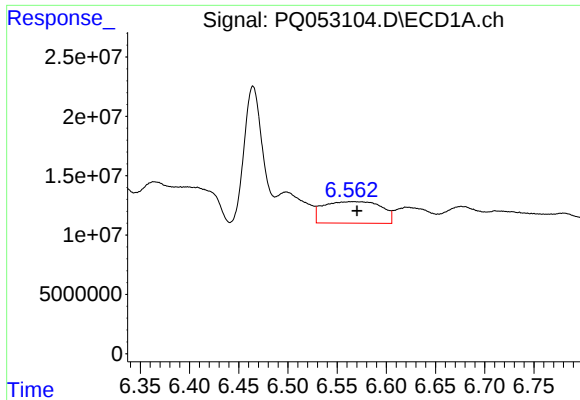
#16 AR-1242-1

R.T.: 6.567 min
Delta R.T.: 0.021 min
Response: 74174971
Conc: 81.80 ng/ml



#16 AR-1242-1

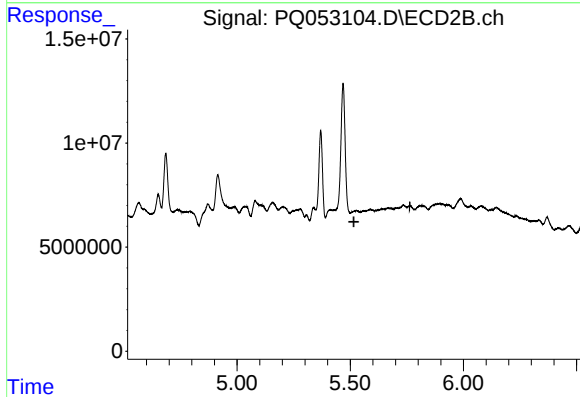
R.T.: 5.525 min
Delta R.T.: 0.030 min
Response: -8468052
Conc: N.D.



#17 AR-1242-2

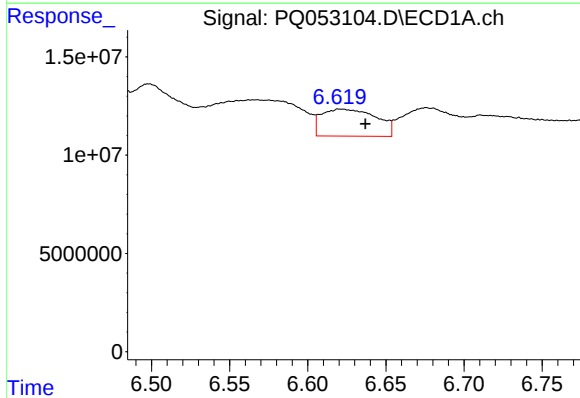
R.T.: 6.567 min
Delta R.T.: -0.003 min
Response: 74174971
Conc: 54.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



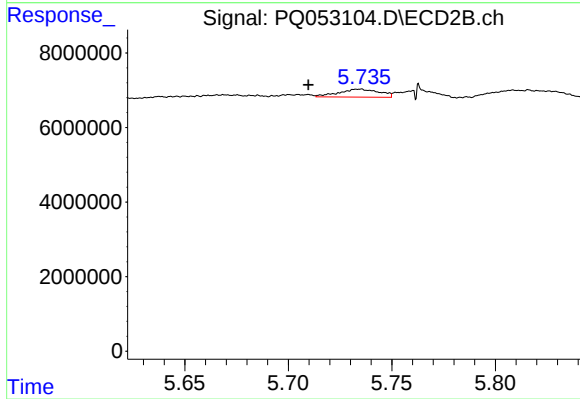
#17 AR-1242-2

R.T.: 5.525 min
Delta R.T.: 0.009 min
Response: -8468052
Conc: N.D.



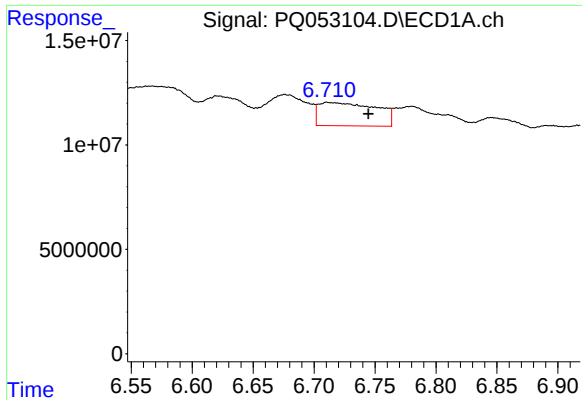
#18 AR-1242-3

R.T.: 6.621 min
Delta R.T.: -0.016 min
Response: 33527577
Conc: 40.63 ng/ml



#18 AR-1242-3

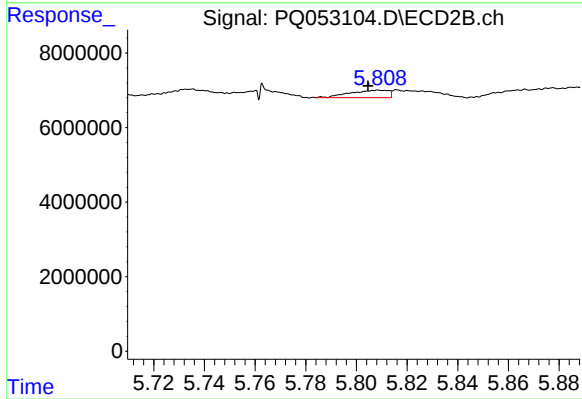
R.T.: 5.735 min
Delta R.T.: 0.025 min
Response: 2893759
Conc: 9.55 ng/ml



#19 AR-1242-4

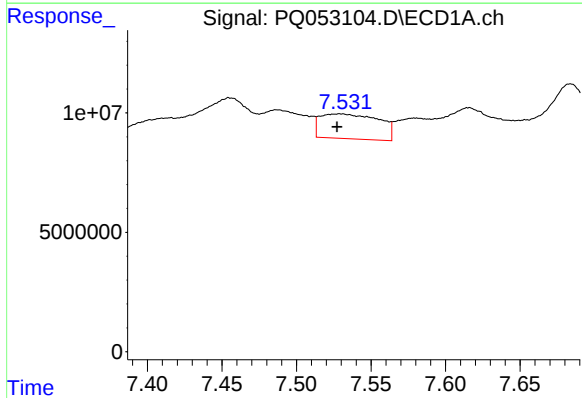
R.T.: 6.711 min
Delta R.T.: -0.034 min
Response: 36786562
Conc: 53.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



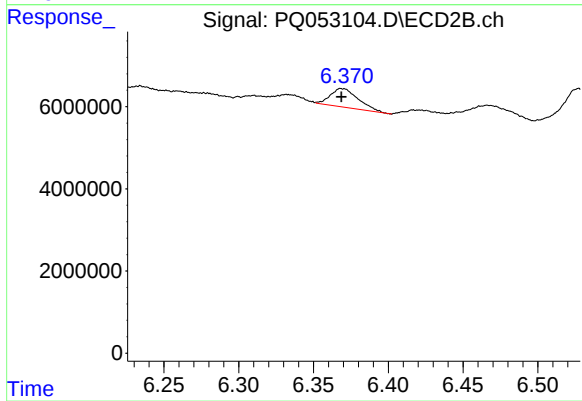
#19 AR-1242-4

R.T.: 5.809 min
Delta R.T.: 0.004 min
Response: 2099311
Conc: 7.38 ng/ml



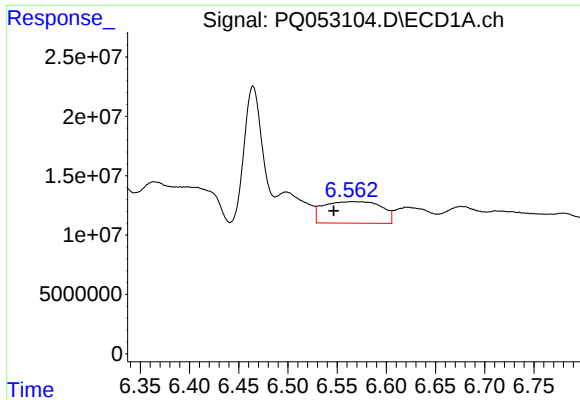
#20 AR-1242-5

R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 28608862
Conc: 39.22 ng/ml



#20 AR-1242-5

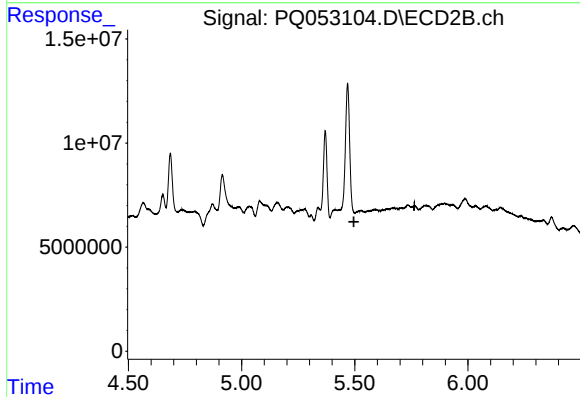
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 5892828
Conc: 14.87 ng/ml



#21 AR-1248-1

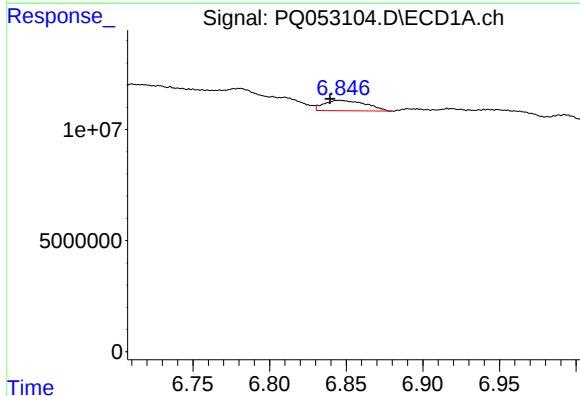
R.T.: 6.567 min
Delta R.T.: 0.020 min
Response: 74174971
Conc: 119.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



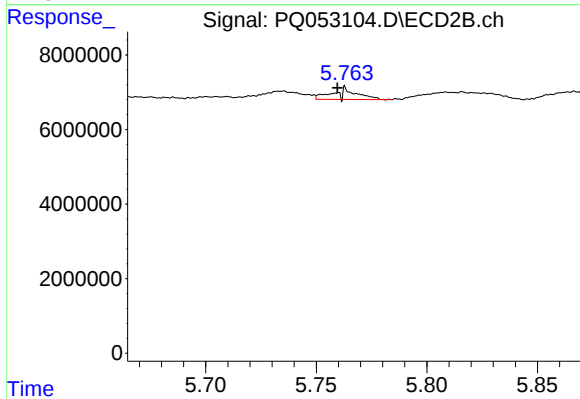
#21 AR-1248-1

R.T.: 5.525 min
Delta R.T.: 0.029 min
Response: -8468052
Conc: N.D.



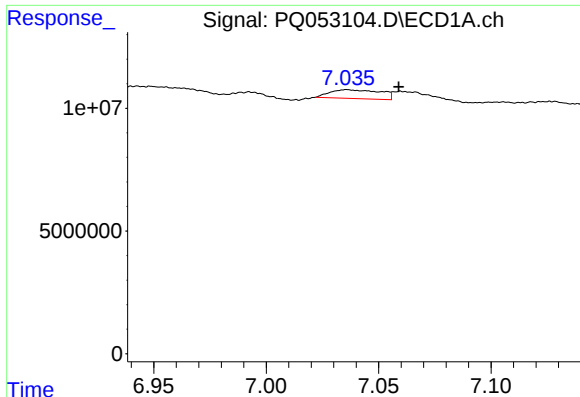
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.006 min
Response: 8743513
Conc: 10.02 ng/ml



#22 AR-1248-2

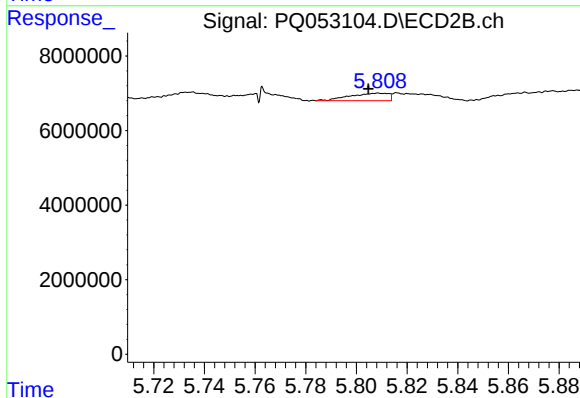
R.T.: 5.764 min
Delta R.T.: 0.004 min
Response: 2325270
Conc: 6.25 ng/ml



#23 AR-1248-3

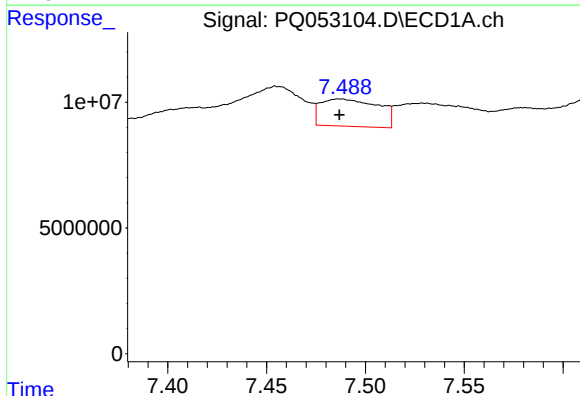
R.T.: 7.036 min
Delta R.T.: -0.023 min
Response: 5609619
Conc: 5.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



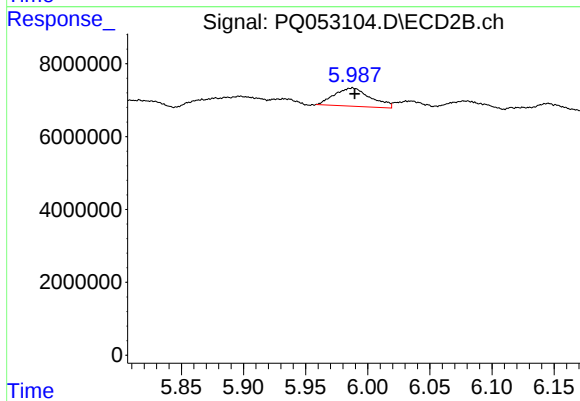
#23 AR-1248-3

R.T.: 5.809 min
Delta R.T.: 0.004 min
Response: 2099311
Conc: 5.50 ng/ml



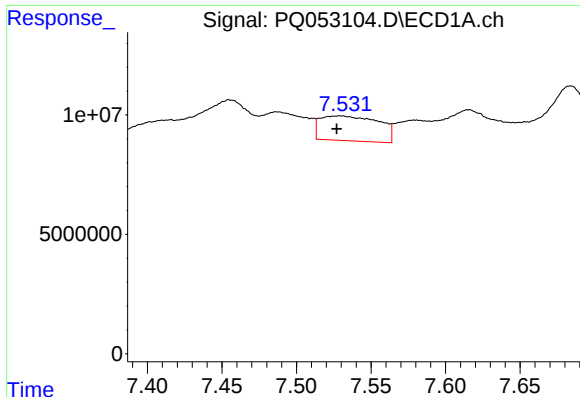
#24 AR-1248-4

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 22047041
Conc: 19.29 ng/ml



#24 AR-1248-4

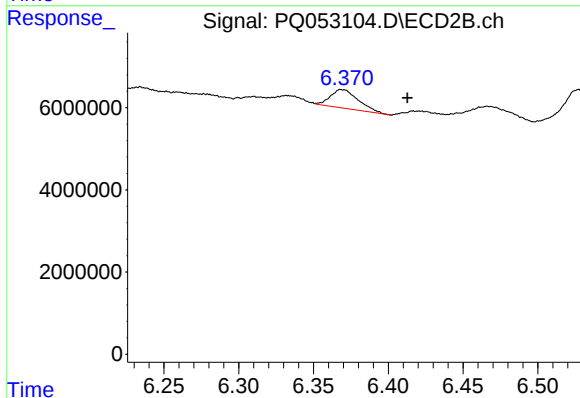
R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 10104933
Conc: 21.62 ng/ml



#25 AR-1248-5

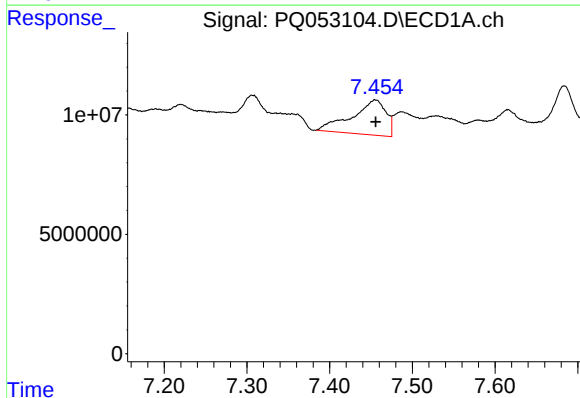
R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 28608862
Conc: 25.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



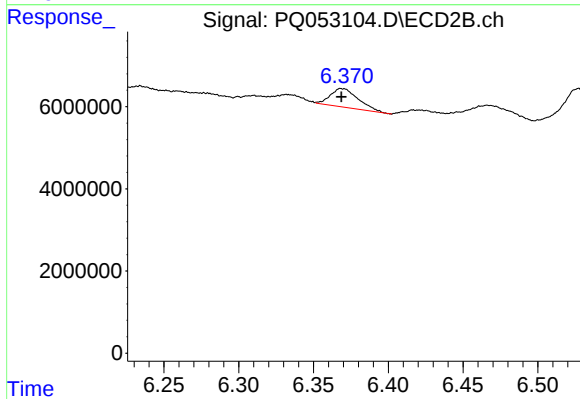
#25 AR-1248-5

R.T.: 6.368 min
Delta R.T.: -0.045 min
Response: 5892828
Conc: 11.98 ng/ml



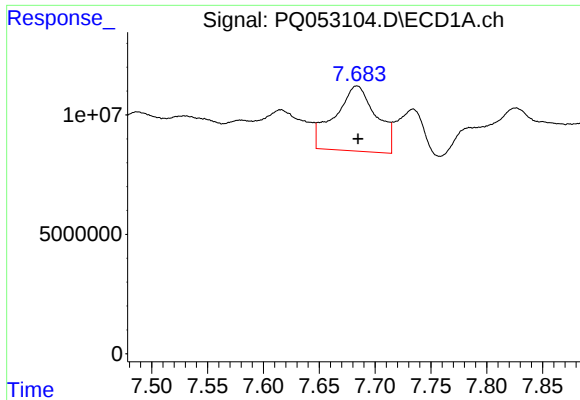
#26 AR-1254-1

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 41756185
Conc: 26.56 ng/ml



#26 AR-1254-1

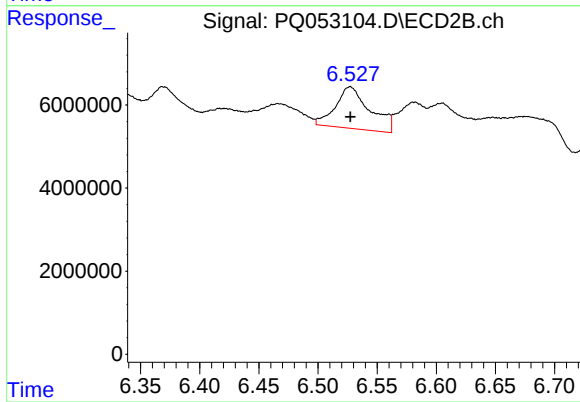
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 5892828
Conc: 5.50 ng/ml



#27 AR-1254-2

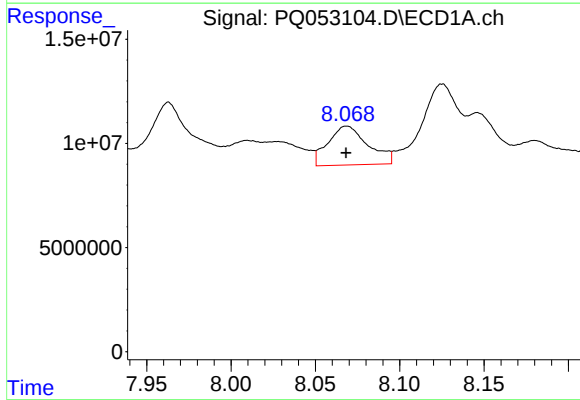
R.T.: 7.684 min
Delta R.T.: -0.001 min
Response: 70400503
Conc: 28.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



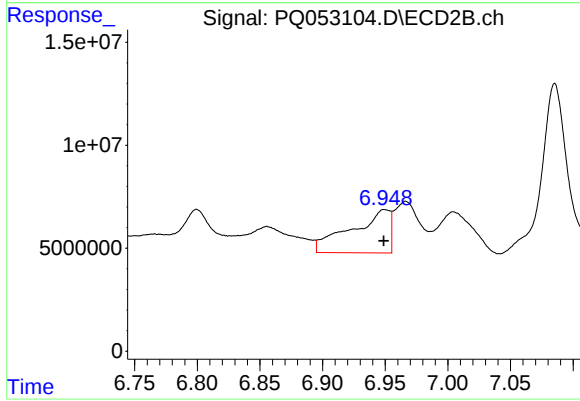
#27 AR-1254-2

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 20436176
Conc: 21.43 ng/ml



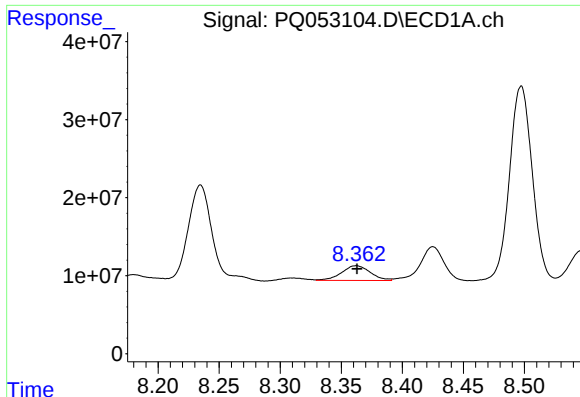
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 30806909
Conc: 11.71 ng/ml



#28 AR-1254-3

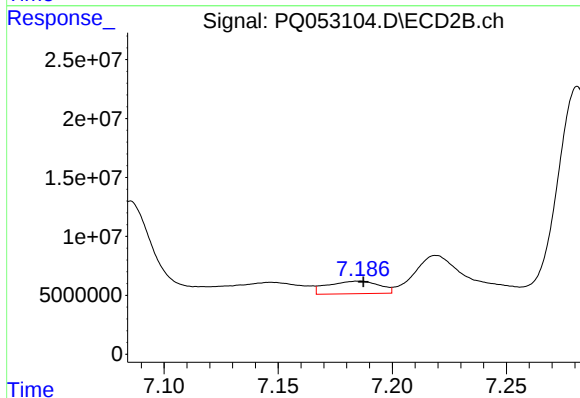
R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 45353555
Conc: 29.28 ng/ml



#29 AR-1254-4

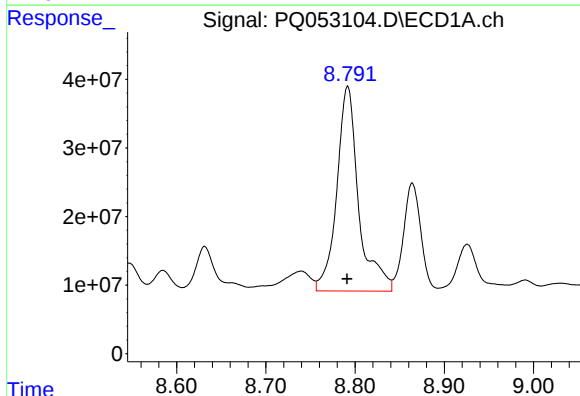
R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 31023549
Conc: 16.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



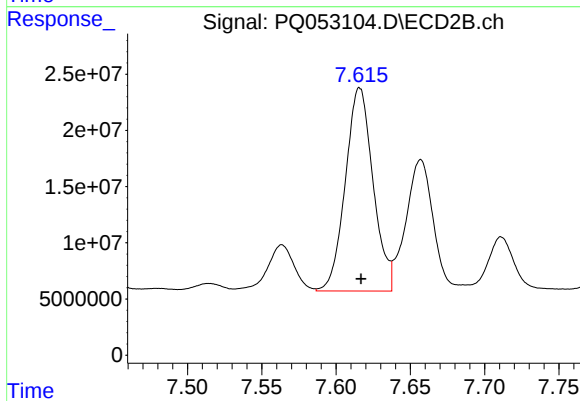
#29 AR-1254-4

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 16700204
Conc: 15.95 ng/ml



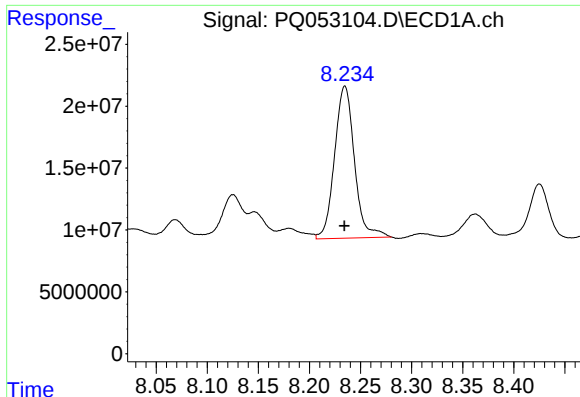
#30 AR-1254-5

R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 508039039
Conc: 248.35 ng/ml



#30 AR-1254-5

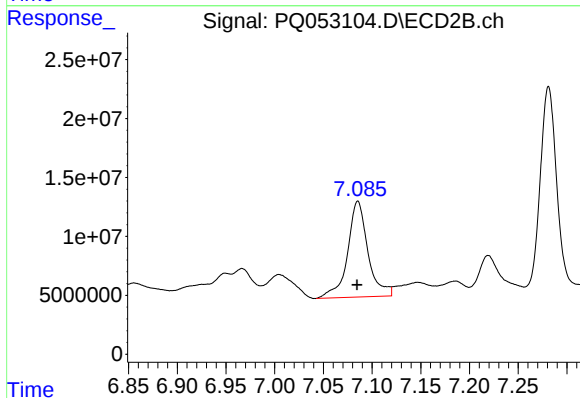
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 234495037
Conc: 160.70 ng/ml



#31 AR-1260-1

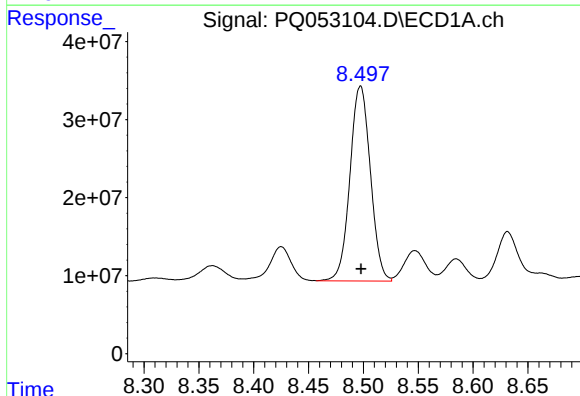
R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 165999933
Conc: 144.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



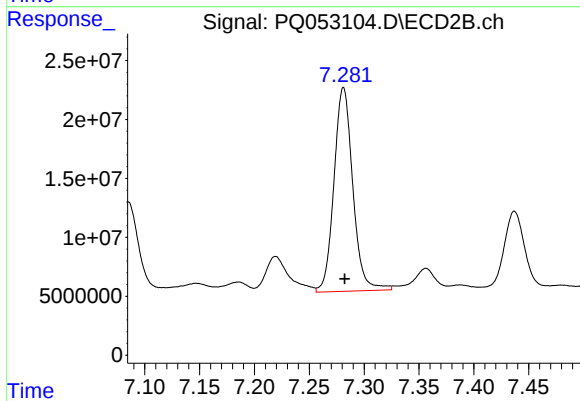
#31 AR-1260-1

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 118298302
Conc: 182.55 ng/ml



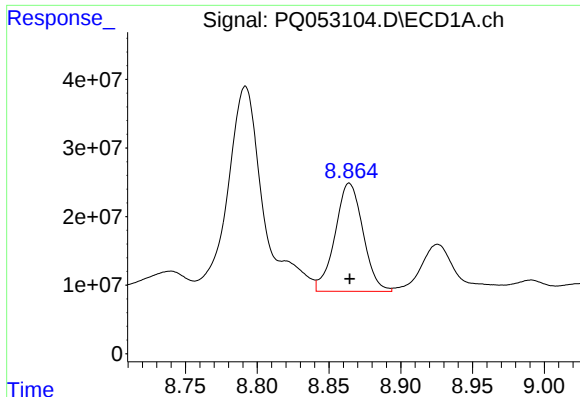
#32 AR-1260-2

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 324808527
Conc: 233.12 ng/ml



#32 AR-1260-2

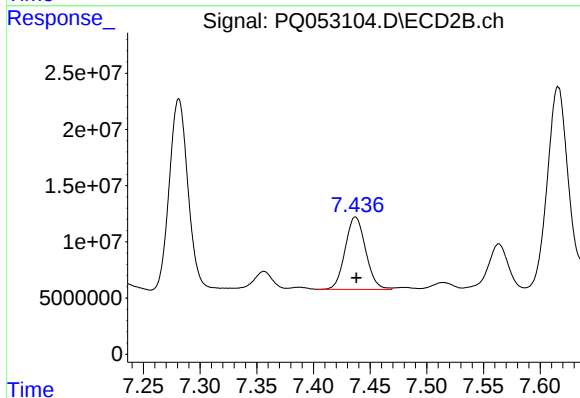
R.T.: 7.281 min
Delta R.T.: -0.001 min
Response: 206948489
Conc: 223.26 ng/ml



#33 AR-1260-3

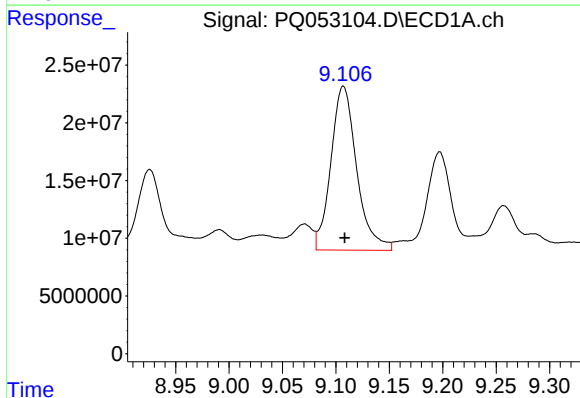
R.T.: 8.864 min
Delta R.T.: 0.000 min
Response: 213681831
Conc: 199.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



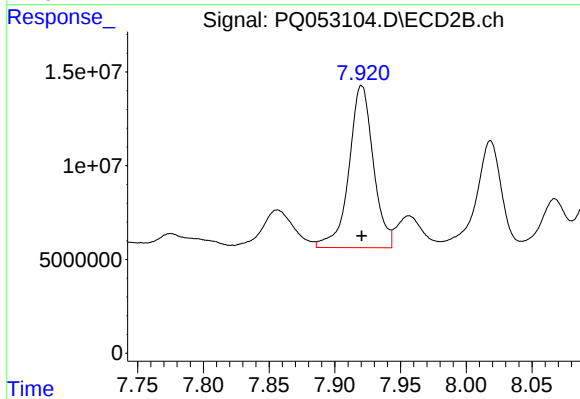
#33 AR-1260-3

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 81262493
Conc: 104.44 ng/ml



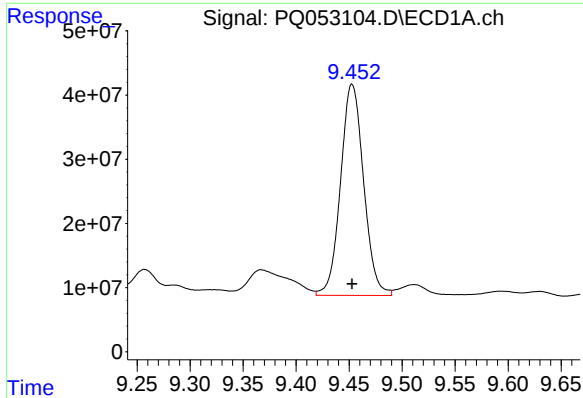
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.001 min
Response: 238544341
Conc: 197.00 ng/ml



#34 AR-1260-4

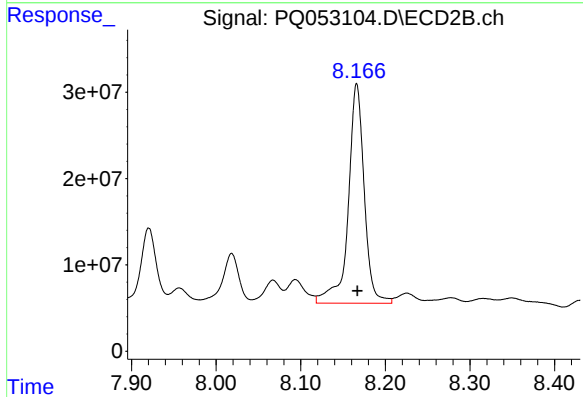
R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 111524059
Conc: 164.27 ng/ml



#35 AR-1260-5

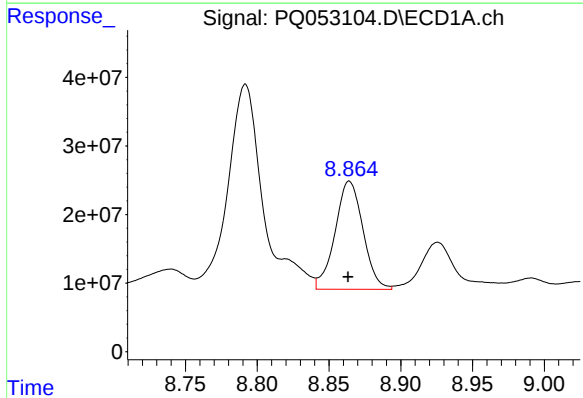
R.T.: 9.453 min
Delta R.T.: 0.000 min
Response: 498383397
Conc: 194.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



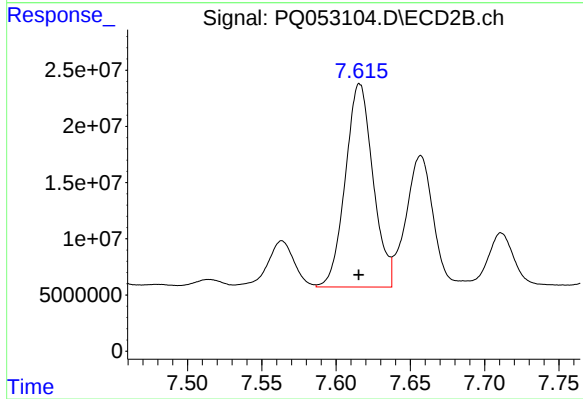
#35 AR-1260-5

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 334466235
Conc: 180.78 ng/ml



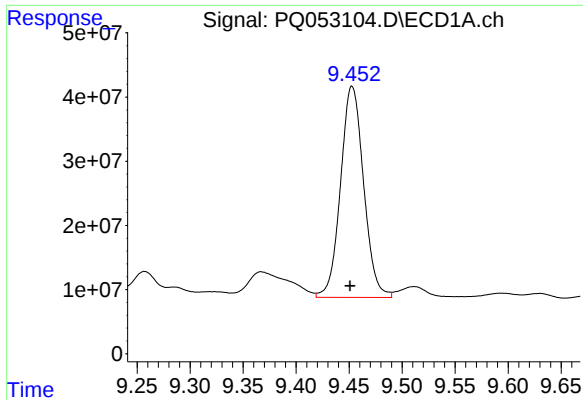
#36 AR-1262-1

R.T.: 8.864 min
Delta R.T.: 0.000 min
Response: 213681831
Conc: 106.84 ng/ml



#36 AR-1262-1

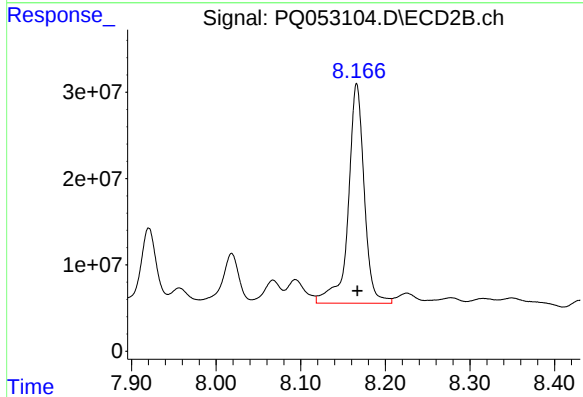
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 234495037
Conc: 382.54 ng/ml



#37 AR-1262-2

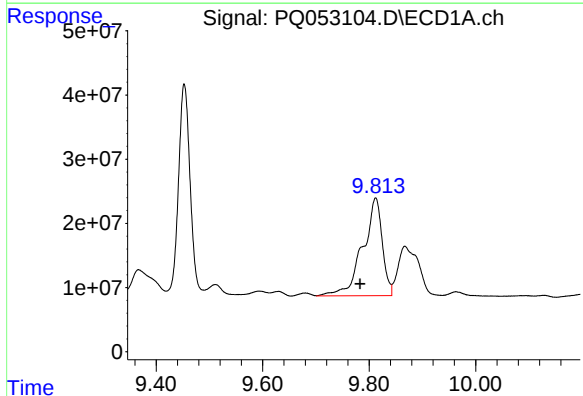
R.T.: 9.453 min
Delta R.T.: 0.002 min
Response: 498383397
Conc: 134.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



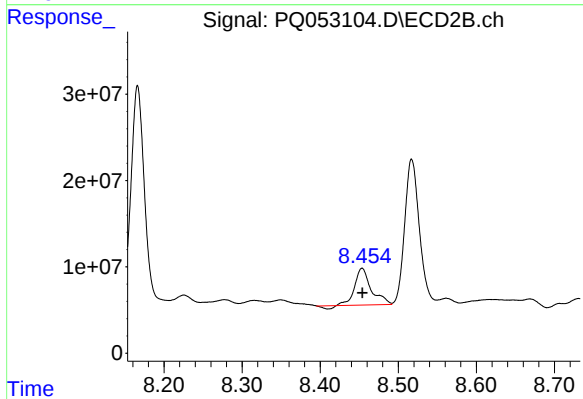
#37 AR-1262-2

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 334466235
Conc: 131.63 ng/ml



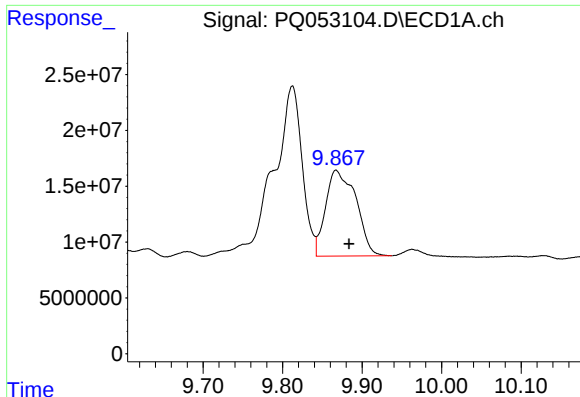
#38 AR-1262-3

R.T.: 9.812 min
Delta R.T.: 0.029 min
Response: 388479540
Conc: 154.80 ng/ml



#38 AR-1262-3

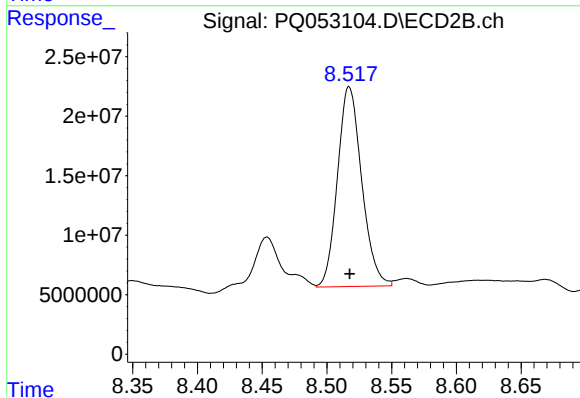
R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 61236561
Conc: 60.28 ng/ml



#39 AR-1262-4

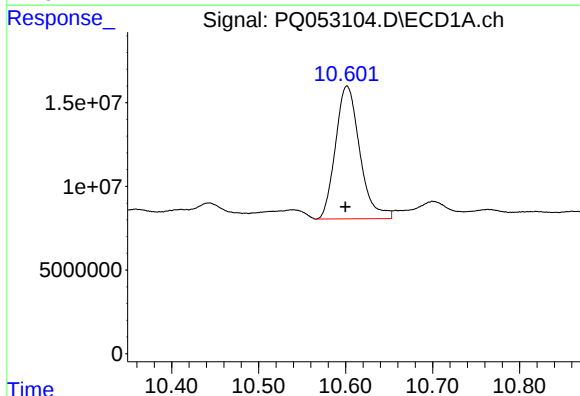
R.T.: 9.867 min
Delta R.T.: -0.016 min
Response: 203627602
Conc: 101.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



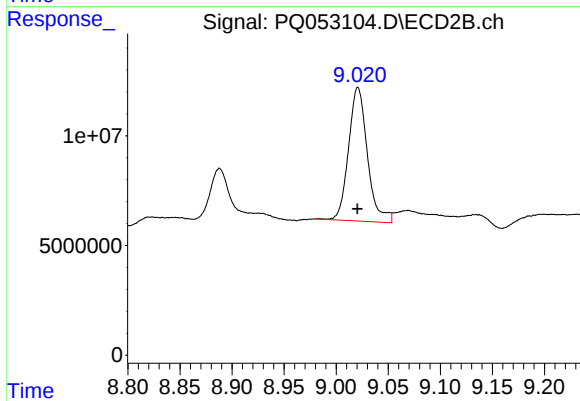
#39 AR-1262-4

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 218815042
Conc: 127.01 ng/ml



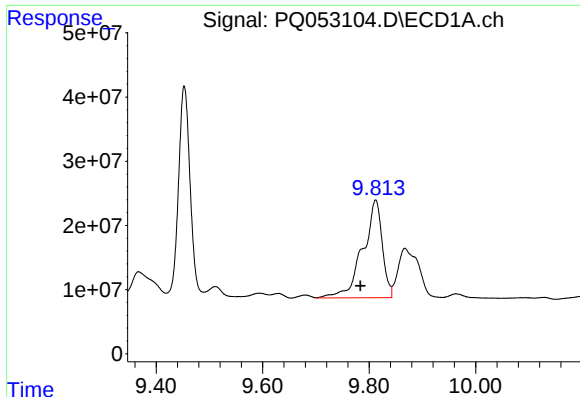
#40 AR-1262-5

R.T.: 10.602 min
Delta R.T.: 0.002 min
Response: 153997714
Conc: 108.65 ng/ml



#40 AR-1262-5

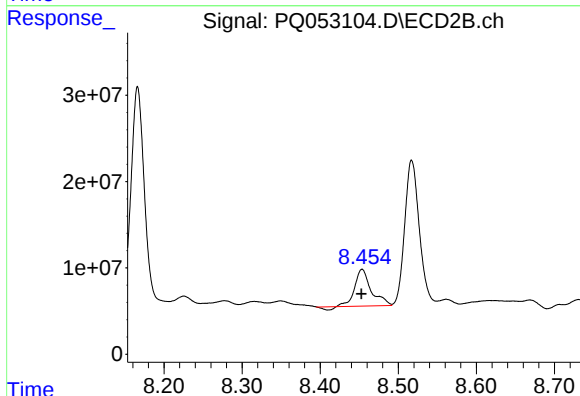
R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 76830086
Conc: 98.71 ng/ml



#41 AR-1268-1

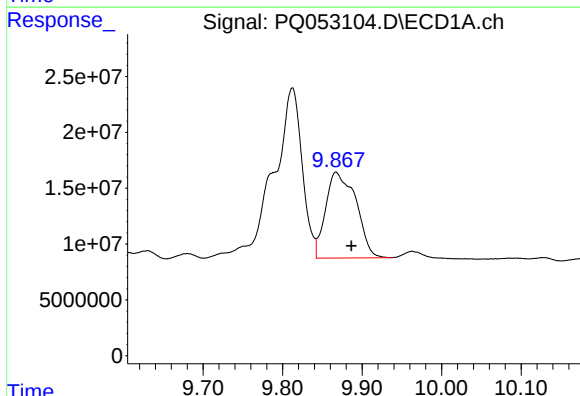
R.T.: 9.812 min
Delta R.T.: 0.029 min
Response: 388479540
Conc: 87.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



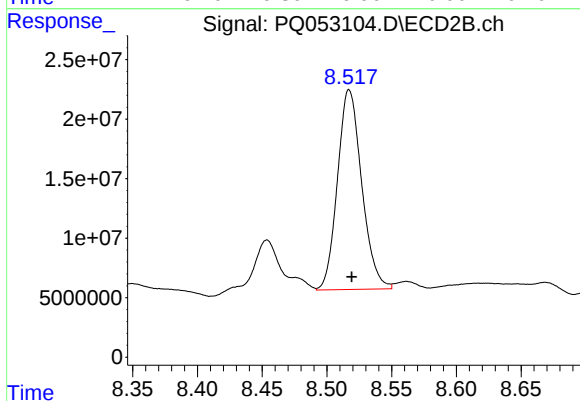
#41 AR-1268-1

R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 61236561
Conc: 20.91 ng/ml



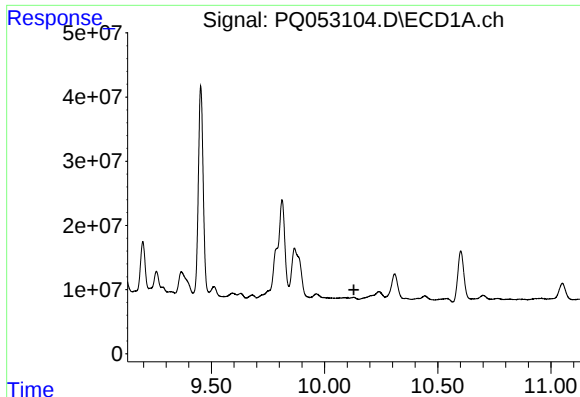
#42 AR-1268-2

R.T.: 9.867 min
Delta R.T.: -0.019 min
Response: 203627602
Conc: 47.49 ng/ml



#42 AR-1268-2

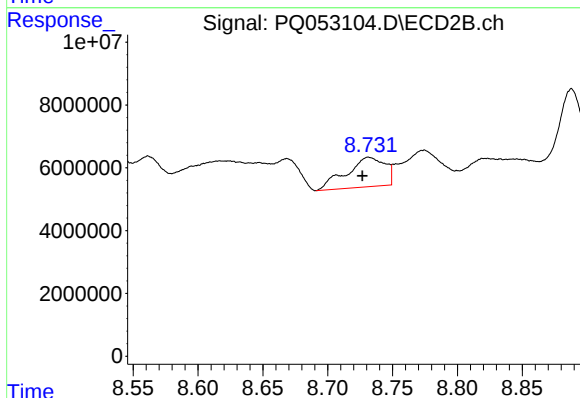
R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 218815042
Conc: 87.89 ng/ml



#43 AR-1268-3

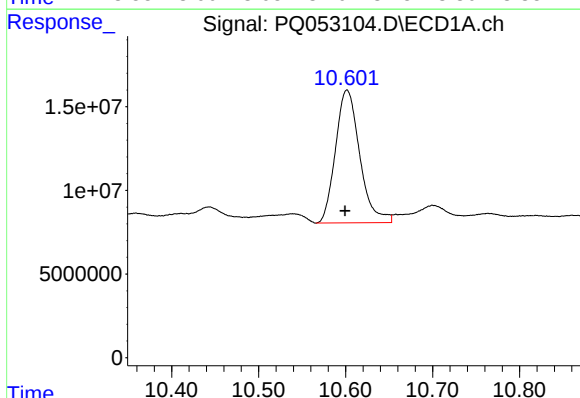
R.T.: 0.000 min
Exp R.T.: 10.129 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



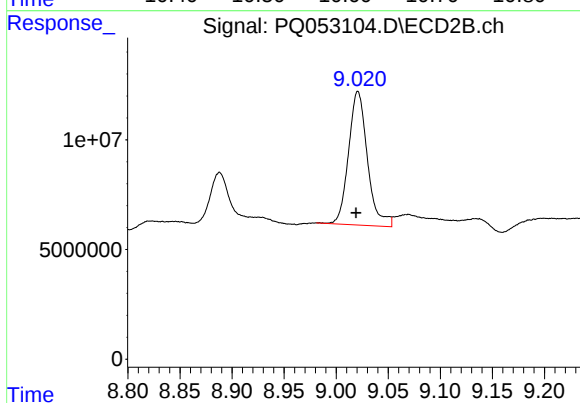
#43 AR-1268-3

R.T.: 8.732 min
Delta R.T.: 0.005 min
Response: 19332417
Conc: 8.92 ng/ml



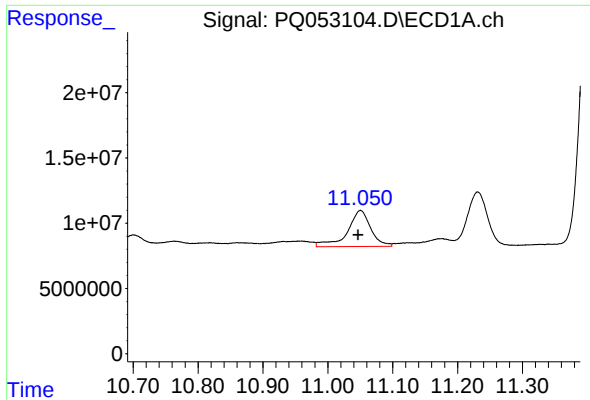
#44 AR-1268-4

R.T.: 10.602 min
Delta R.T.: 0.003 min
Response: 153997714
Conc: 100.04 ng/ml



#44 AR-1268-4

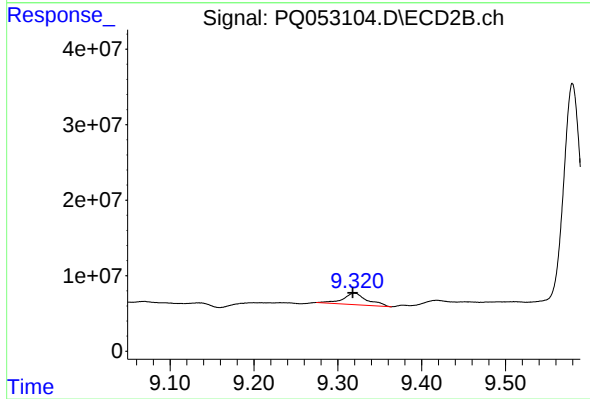
R.T.: 9.021 min
Delta R.T.: 0.002 min
Response: 76830086
Conc: 90.07 ng/ml



#45 AR-1268-5

R.T.: 11.050 min
Delta R.T.: 0.004 min
Response: 68849871
Conc: 5.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 9.320 min
Delta R.T.: 0.002 min
Response: 30978892
Conc: 5.00 ng/ml