

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
 Data File : PQ053325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2021 17:46
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 04:35:05 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...	5.221	4.237	652.1E6	254.6E6	23.240	21.895
2)	SA Decachlor...	11.411	9.575	1138.0E6	475.7E6	40.237	38.224
Target Compounds							
3)	L1 AR-1016-1	6.545	5.494	266.4E6	114.9E6	273.464	260.813
4)	L1 AR-1016-2	6.570	5.515	319.1E6	119.1E6	219.438	188.305
5)	L1 AR-1016-3	6.636	5.709	156.9E6	75608314	178.421	229.275 #
6)	L1 AR-1016-4	6.742	5.757	175.6E6	155.4E6	242.469	595.981 #
7)	L1 AR-1016-5	7.058	5.988	410.2E6	194.1E6	593.956	584.021
8)	L2 AR-1221-1	5.472	4.492	2715087	1162161	8.927	9.113
9)	L2 AR-1221-2	5.575	4.593	12435933	4375078	60.269	49.238
10)	L2 AR-1221-3	5.658	4.682	20297316	8881014	29.240	28.758
11)	L3 AR-1232-1	5.658	4.682	20297316	8881014	39.084	38.905
12)	L3 AR-1232-2	6.250	5.515	110.6E6	119.1E6	395.015	487.630
13)	L3 AR-1232-3	6.570	5.709	319.1E6	75608314	556.553	618.213
14)	L3 AR-1232-4	6.742	5.802	175.6E6	159.2E6	614.122	1520.475 #
15)	L3 AR-1232-5	6.838	5.988	366.2E6	194.1E6	1794.316	1654.727
16)	L4 AR-1242-1	6.545	5.494	266.4E6	114.9E6	293.828	286.562
17)	L4 AR-1242-2	6.570	5.515	319.1E6	119.1E6	234.945	204.253
18)	L4 AR-1242-3	6.636	5.709	156.9E6	75608314	190.078	249.581 #
19)	L4 AR-1242-4	6.742	5.802	175.6E6	159.2E6	256.376	559.656 #
20)	L4 AR-1242-5	7.527	6.367	458.7E6	293.2E6	628.798	740.042
21)	L5 AR-1248-1	6.545	5.494	266.4E6	114.9E6	430.585	421.713
22)	L5 AR-1248-2	6.838	5.757	366.2E6	155.4E6	419.813	417.807
23)	L5 AR-1248-3	7.058	5.802	410.2E6	159.2E6	418.514	416.960
24)	L5 AR-1248-4	7.486	5.988	464.5E6	194.1E6	406.497	415.171
25)	L5 AR-1248-5	7.527	6.411	458.7E6	201.2E6	402.512	408.805
26)	L6 AR-1254-1	7.455	6.367	358.7E6	293.2E6	228.170	273.433
27)	L6 AR-1254-2	7.691	6.526	449.8E6	83951276	183.722	88.014 #
28)	L6 AR-1254-3	8.068	6.947	236.9E6	131.5E6	90.007	84.931
29)	L6 AR-1254-4	8.363	7.186	163.9E6	104.7E6	85.141	99.981
30)	L6 AR-1254-5	8.792	7.615	38965751	26664255	19.048	18.273
31)	L7 AR-1260-1	8.233	7.095	24177402	63131741	21.000	97.421 #
32)	L7 AR-1260-2	8.493	7.279	37034142	15460895	26.580	16.679 #
33)	L7 AR-1260-3	8.856	7.434	7075308	13623559	6.608	17.509 #
34)	L7 AR-1260-4	9.101	7.918	14947462	1620306	12.344	2.387 #
35)	L7 AR-1260-5	9.451	8.165	7364084	4958163	2.878	2.680
36)	L8 AR-1262-1	8.856	7.615	7075308	26664255	3.538	43.498 #
37)	L8 AR-1262-2	9.451	8.165	7364084	4958163	1.984	1.951
38)	L8 AR-1262-3	9.811	8.453	4846316	408737	1.931	0.402 #
39)	L8 AR-1262-4	0.000	8.514	0	3748961	N.D.	2.176 #
40)	L8 AR-1262-5	0.000	9.019	0	618247	N.D.	0.794 #
41)	L9 AR-1268-1	9.811	8.453	4846316	408737	1.089	0.140 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 17:46
Operator : DD\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

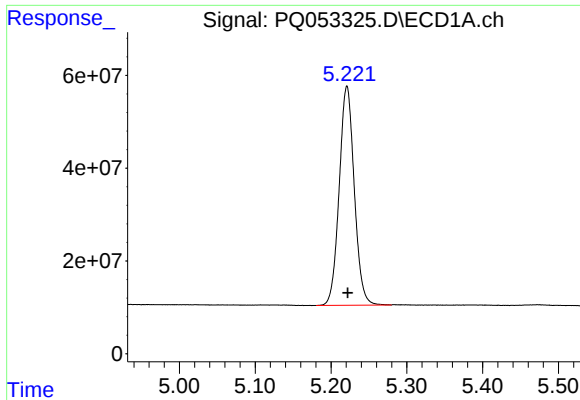
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:35:05 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
42)	L9 AR-1268-2	0.000	8.514	0	3748961	N.D.	1.506 #
43)	L9 AR-1268-3	10.130	8.726	4919843	1781282	1.294	0.822 #
44)	L9 AR-1268-4	0.000	9.019	0	618247	N.D.	0.725 #
45)	L9 AR-1268-5	11.046	9.317	7344198	2861545	0.570	0.461

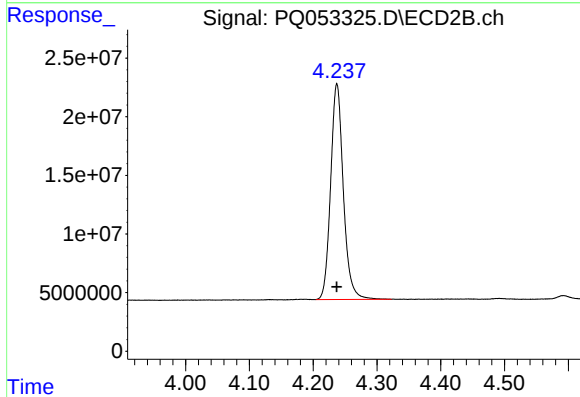
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

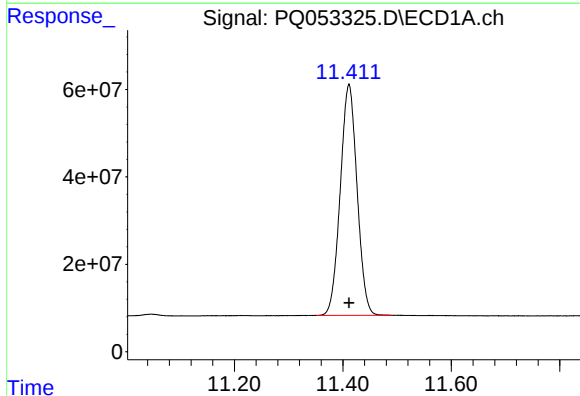
R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 652103550
Conc: 23.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



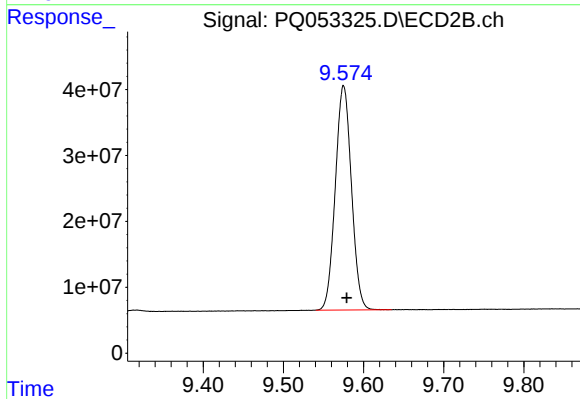
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 254605674
Conc: 21.89 ng/ml



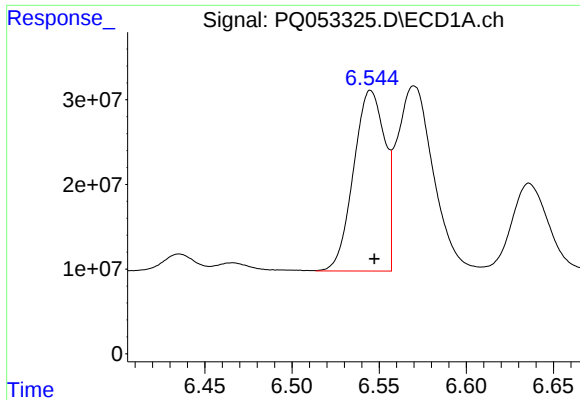
#2 Decachlorobiphenyl

R.T.: 11.411 min
Delta R.T.: 0.000 min
Response: 1137979240
Conc: 40.24 ng/ml



#2 Decachlorobiphenyl

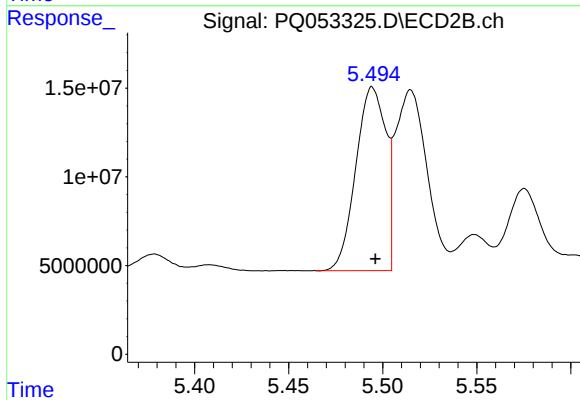
R.T.: 9.575 min
Delta R.T.: -0.004 min
Response: 475743783
Conc: 38.22 ng/ml



#3 AR-1016-1

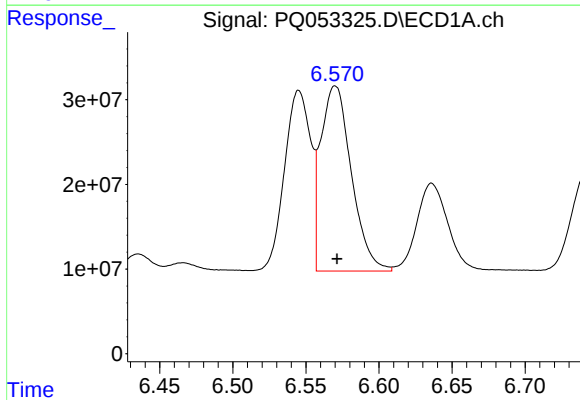
R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 266436089
Conc: 273.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



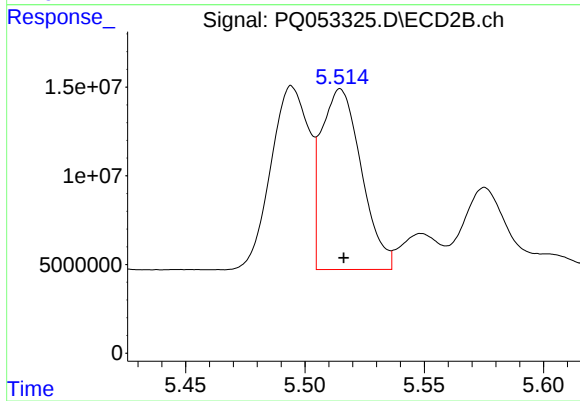
#3 AR-1016-1

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 114863390
Conc: 260.81 ng/ml



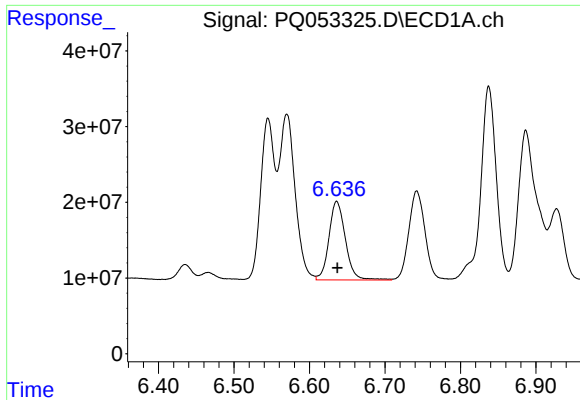
#4 AR-1016-2

R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 319085521
Conc: 219.44 ng/ml



#4 AR-1016-2

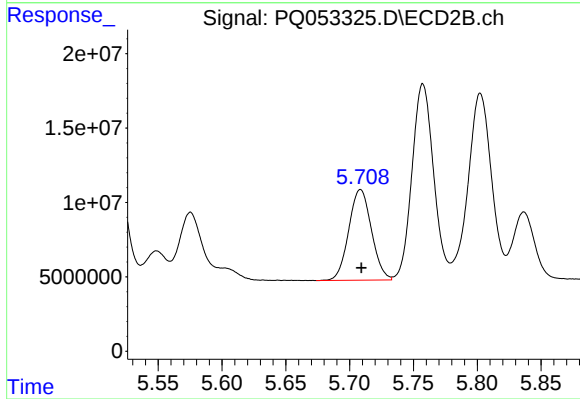
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 119136694
Conc: 188.30 ng/ml



#5 AR-1016-3

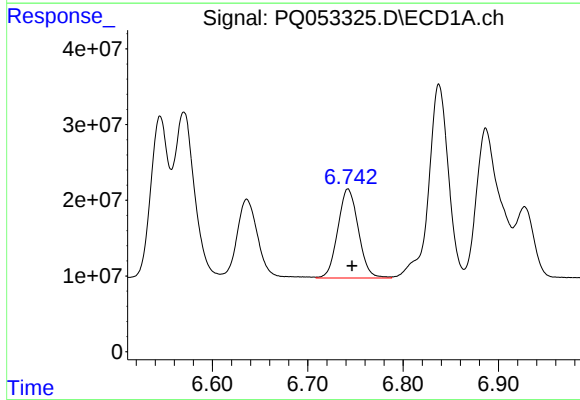
R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 156860963
Conc: 178.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



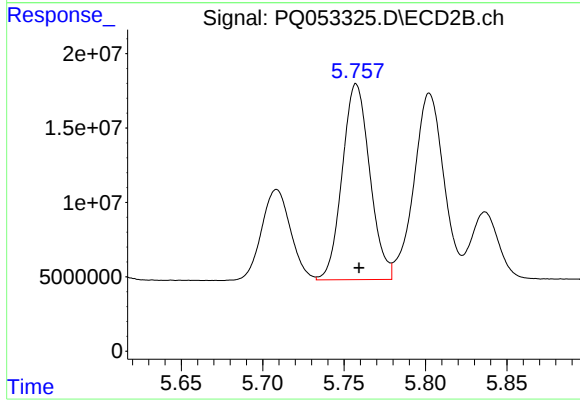
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 75608314
Conc: 229.27 ng/ml



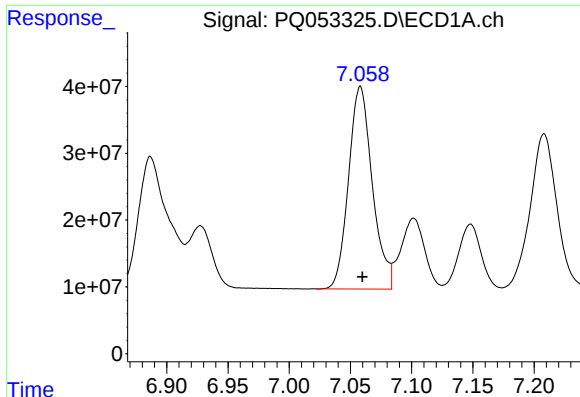
#6 AR-1016-4

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 175645000
Conc: 242.47 ng/ml



#6 AR-1016-4

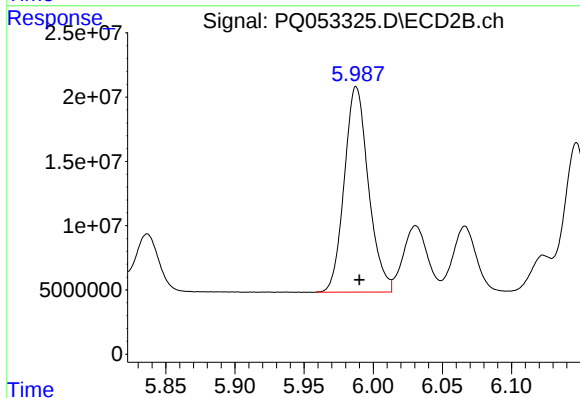
R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 155351076
Conc: 595.98 ng/ml



#7 AR-1016-5

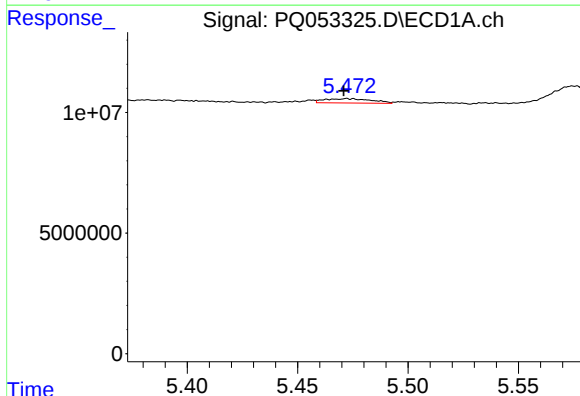
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 410240390
Conc: 593.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



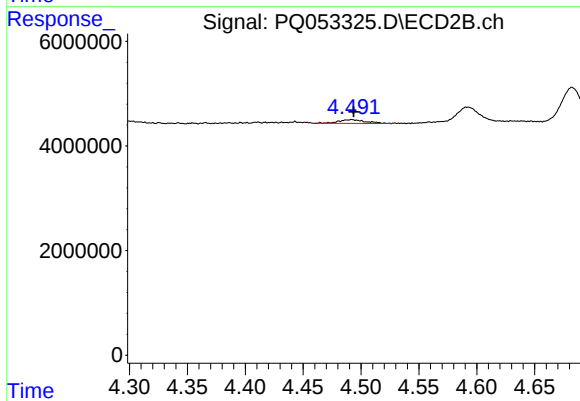
#7 AR-1016-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 194088229
Conc: 584.02 ng/ml



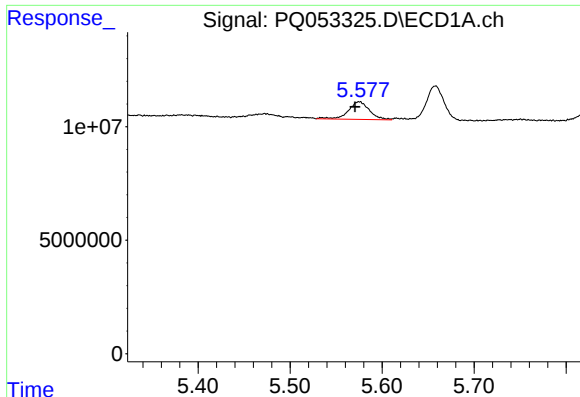
#8 AR-1221-1

R.T.: 5.472 min
Delta R.T.: 0.001 min
Response: 2715087
Conc: 8.93 ng/ml



#8 AR-1221-1

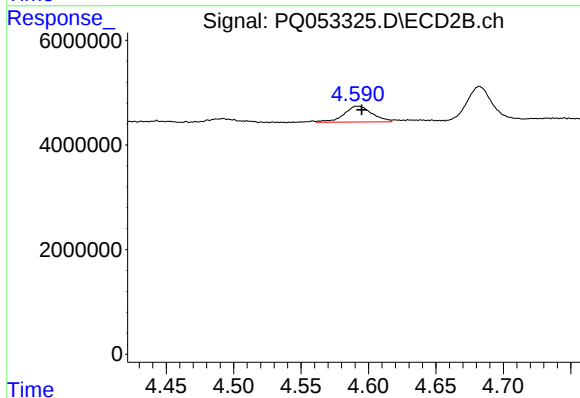
R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 1162161
Conc: 9.11 ng/ml



#9 AR-1221-2

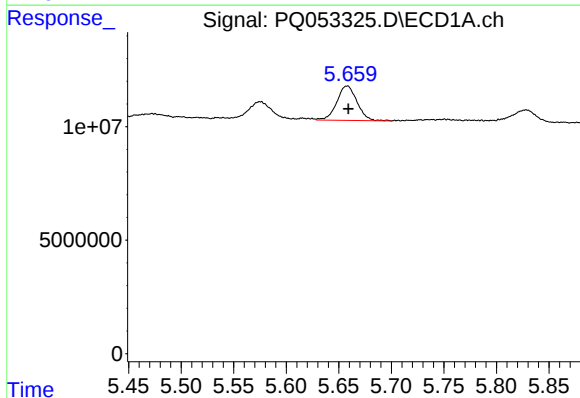
R.T.: 5.575 min
Delta R.T.: 0.004 min
Response: 12435933
Conc: 60.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



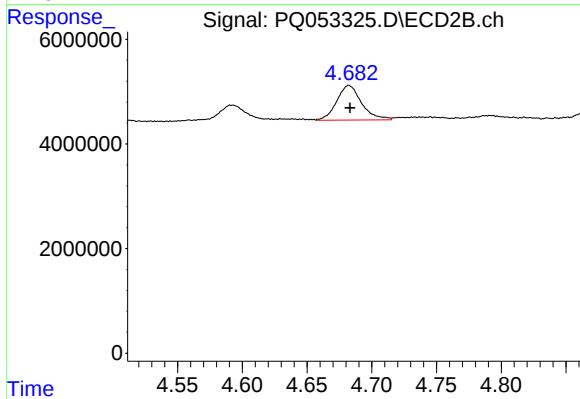
#9 AR-1221-2

R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 4375078
Conc: 49.24 ng/ml



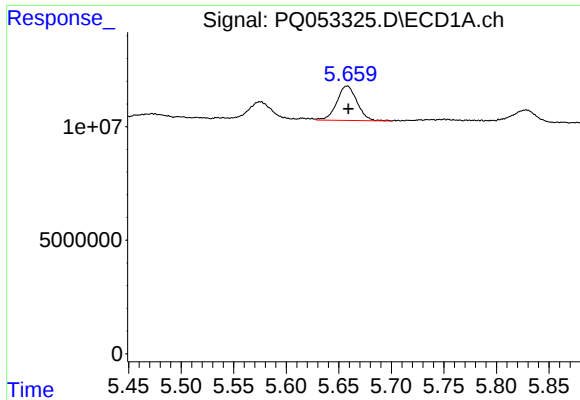
#10 AR-1221-3

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 20297316
Conc: 29.24 ng/ml



#10 AR-1221-3

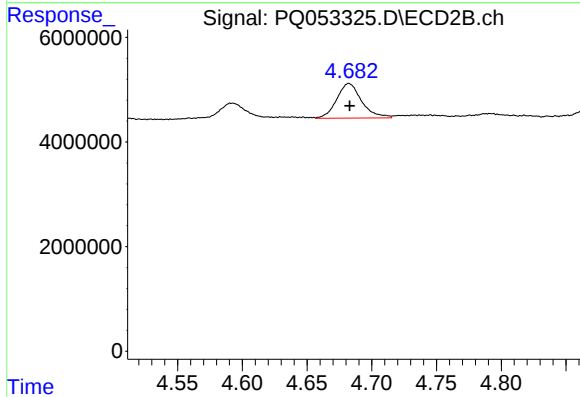
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 8881014
Conc: 28.76 ng/ml



#11 AR-1232-1

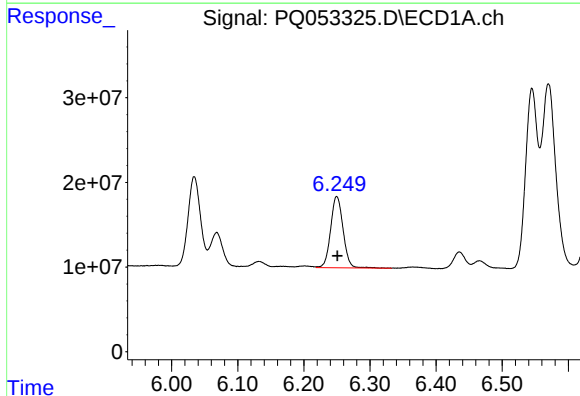
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 20297316
Conc: 39.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



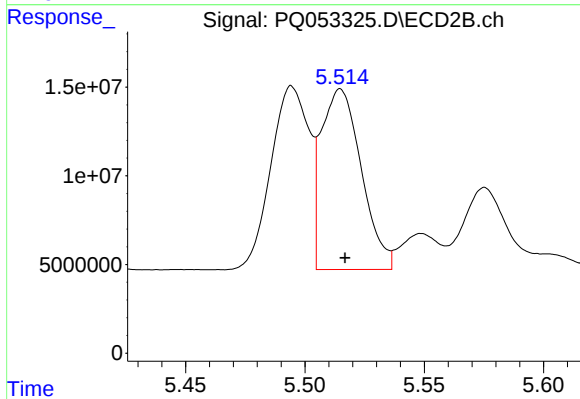
#11 AR-1232-1

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 8881014
Conc: 38.90 ng/ml



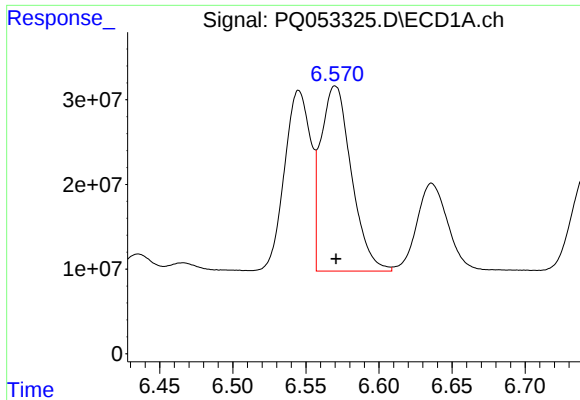
#12 AR-1232-2

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 110609671
Conc: 395.02 ng/ml



#12 AR-1232-2

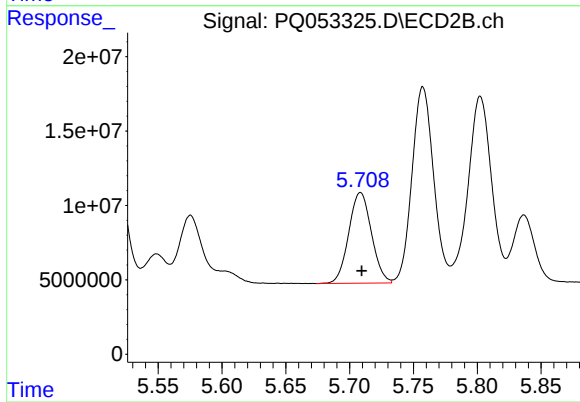
R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 119136694
Conc: 487.63 ng/ml



#13 AR-1232-3

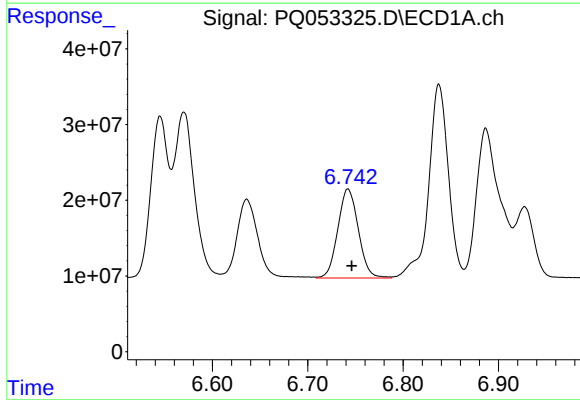
R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 319085521
Conc: 556.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



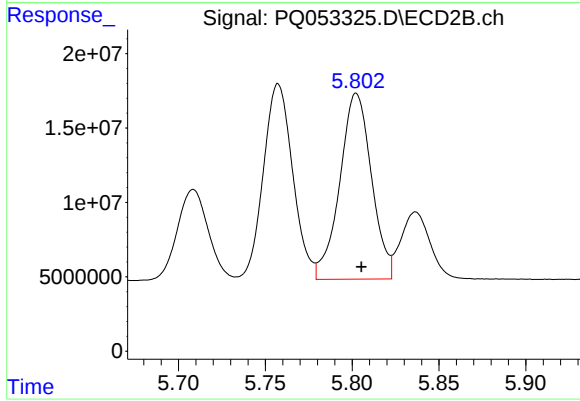
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 75608314
Conc: 618.21 ng/ml



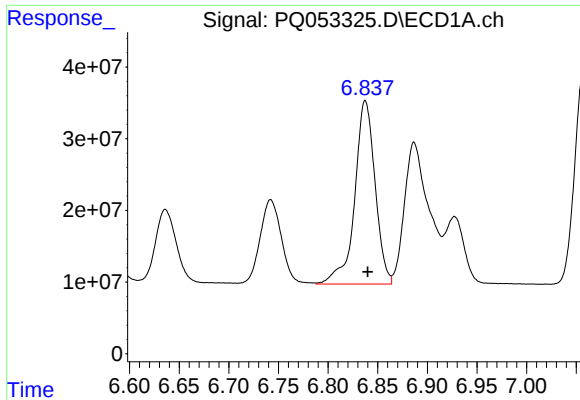
#14 AR-1232-4

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 175645000
Conc: 614.12 ng/ml



#14 AR-1232-4

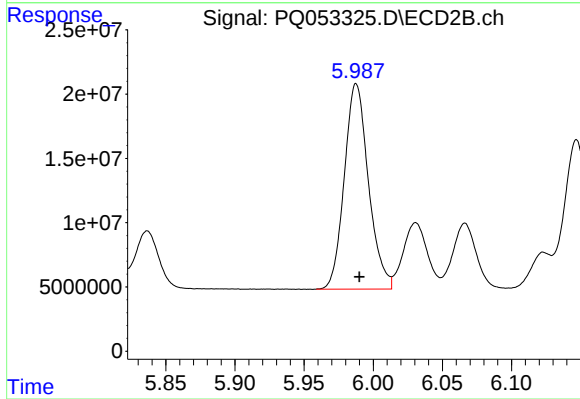
R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 159193850
Conc: 1520.48 ng/ml



#15 AR-1232-5

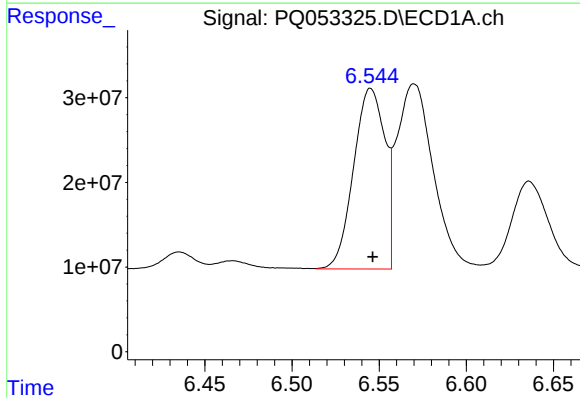
R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 366152723
Conc: 1794.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



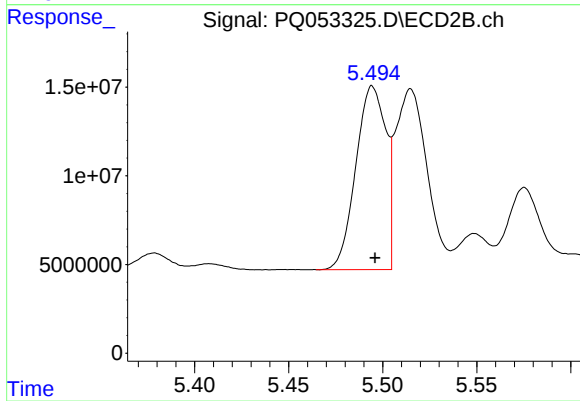
#15 AR-1232-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 194088229
Conc: 1654.73 ng/ml



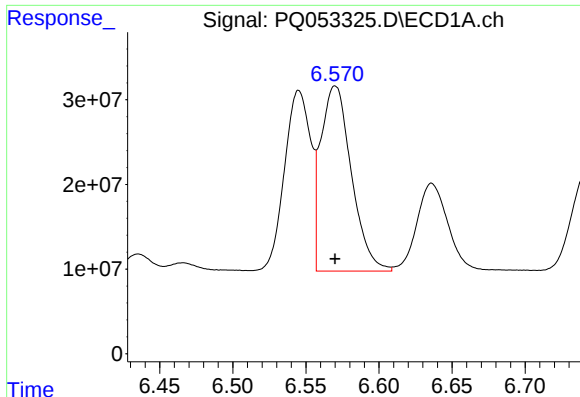
#16 AR-1242-1

R.T.: 6.545 min
Delta R.T.: -0.001 min
Response: 266436089
Conc: 293.83 ng/ml



#16 AR-1242-1

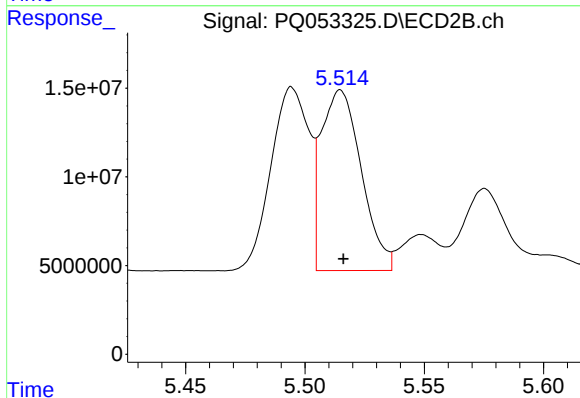
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 114863390
Conc: 286.56 ng/ml



#17 AR-1242-2

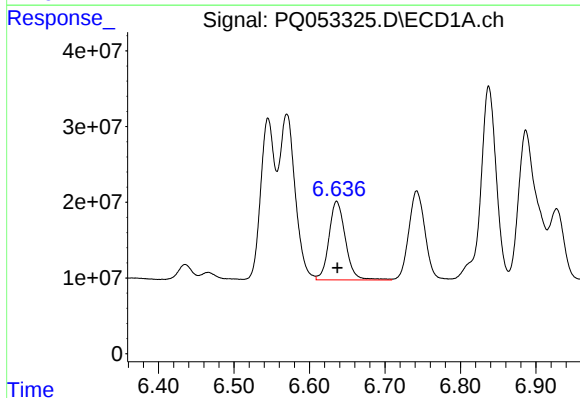
R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 319085521
Conc: 234.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



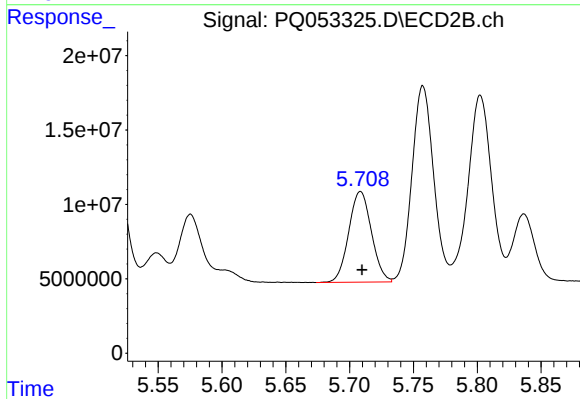
#17 AR-1242-2

R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 119136694
Conc: 204.25 ng/ml



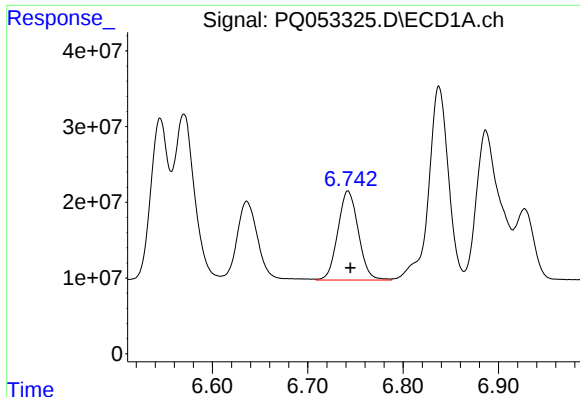
#18 AR-1242-3

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 156860963
Conc: 190.08 ng/ml



#18 AR-1242-3

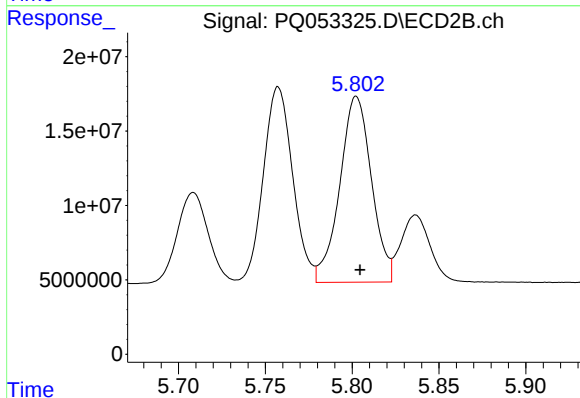
R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 75608314
Conc: 249.58 ng/ml



#19 AR-1242-4

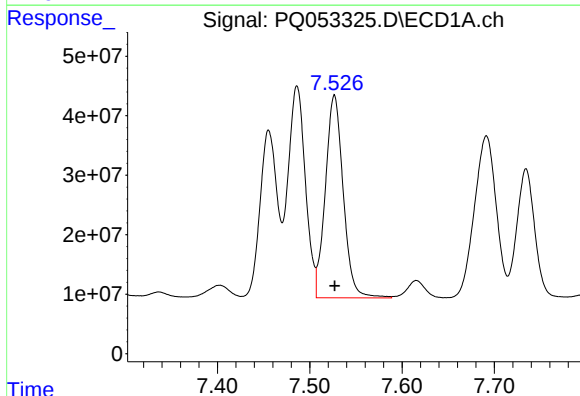
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 175645000
Conc: 256.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



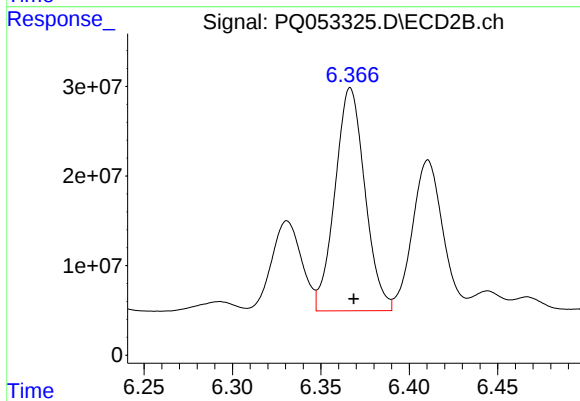
#19 AR-1242-4

R.T.: 5.802 min
Delta R.T.: -0.002 min
Response: 159193850
Conc: 559.66 ng/ml



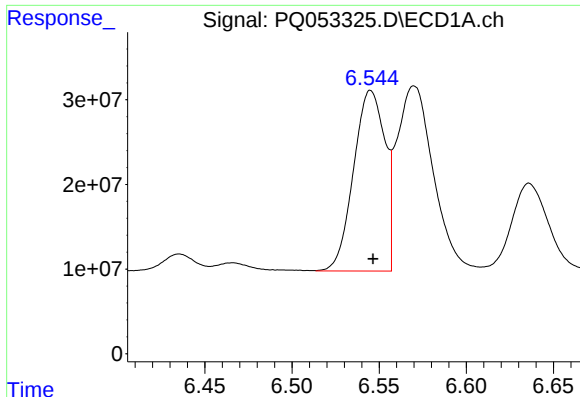
#20 AR-1242-5

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 458716208
Conc: 628.80 ng/ml



#20 AR-1242-5

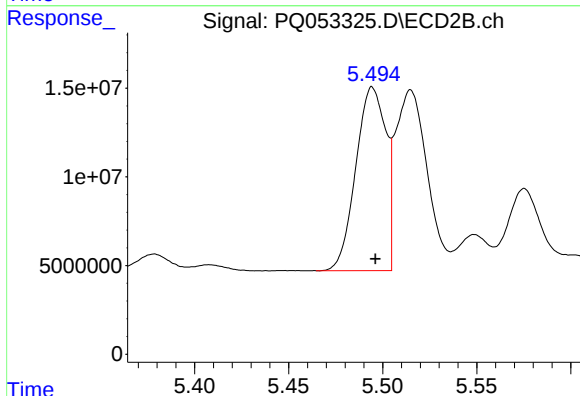
R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 293184001
Conc: 740.04 ng/ml



#21 AR-1248-1

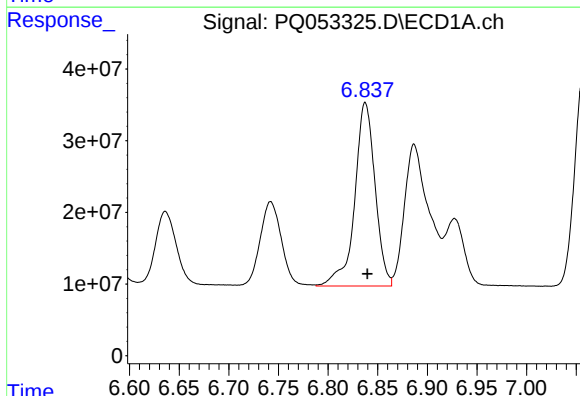
R.T.: 6.545 min
Delta R.T.: -0.001 min
Response: 266436089
Conc: 430.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



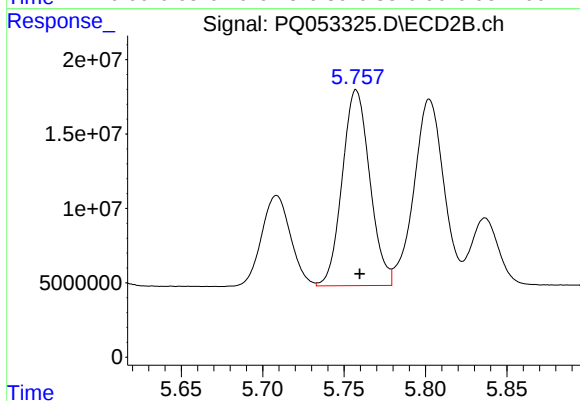
#21 AR-1248-1

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 114863390
Conc: 421.71 ng/ml



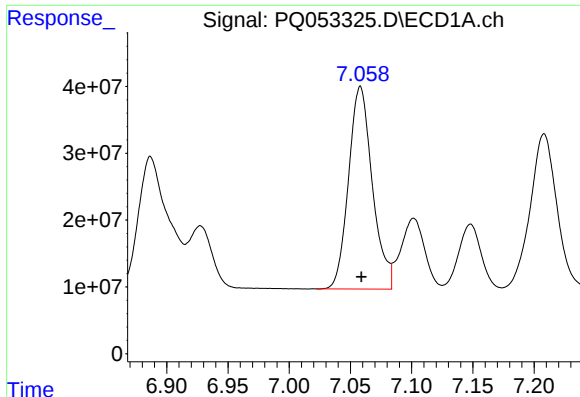
#22 AR-1248-2

R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 366152723
Conc: 419.81 ng/ml



#22 AR-1248-2

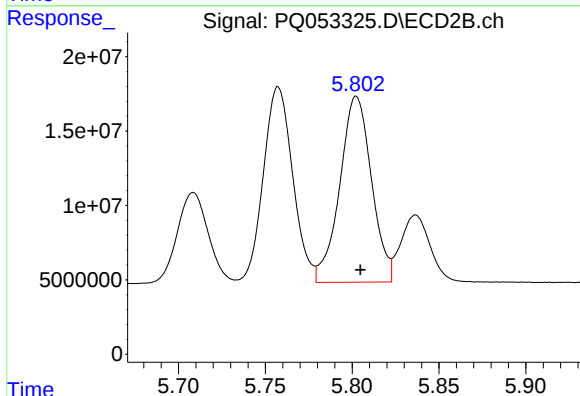
R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 155351076
Conc: 417.81 ng/ml



#23 AR-1248-3

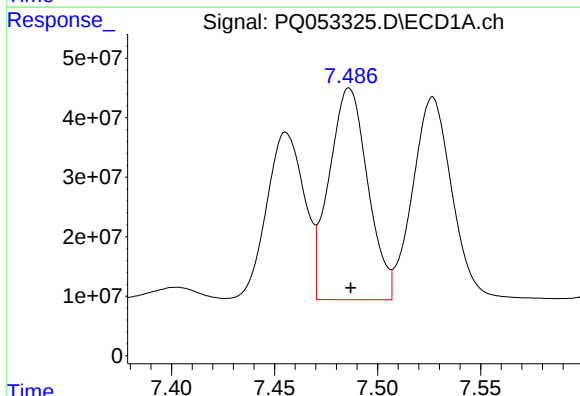
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 410240390
Conc: 418.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



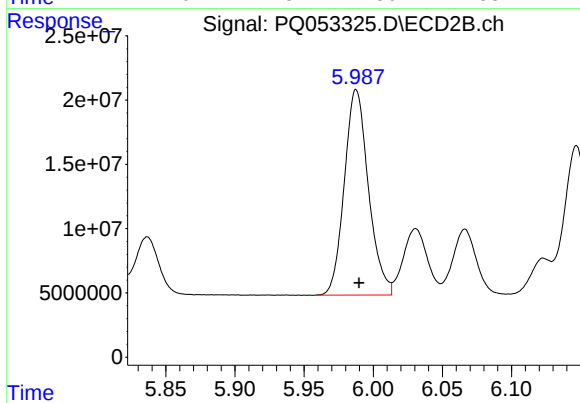
#23 AR-1248-3

R.T.: 5.802 min
Delta R.T.: -0.002 min
Response: 159193850
Conc: 416.96 ng/ml



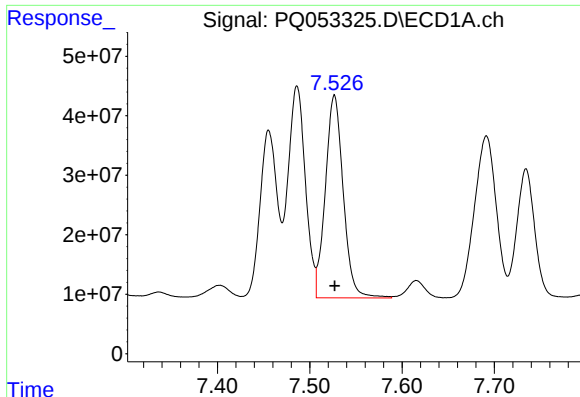
#24 AR-1248-4

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 464516063
Conc: 406.50 ng/ml



#24 AR-1248-4

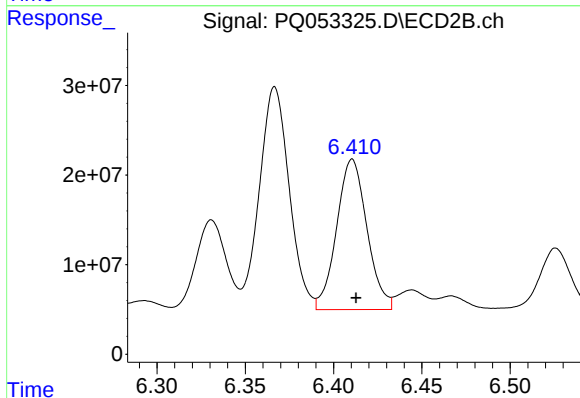
R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 194088229
Conc: 415.17 ng/ml



#25 AR-1248-5

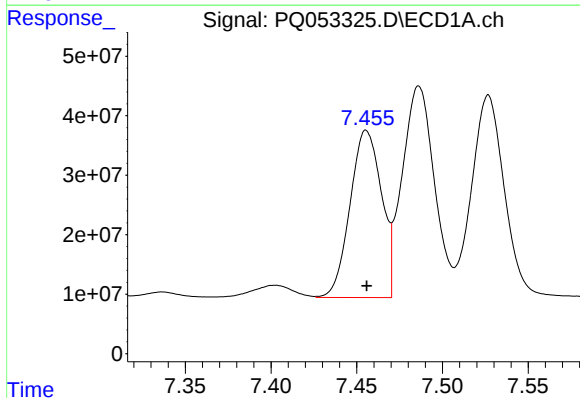
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 458716208
Conc: 402.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



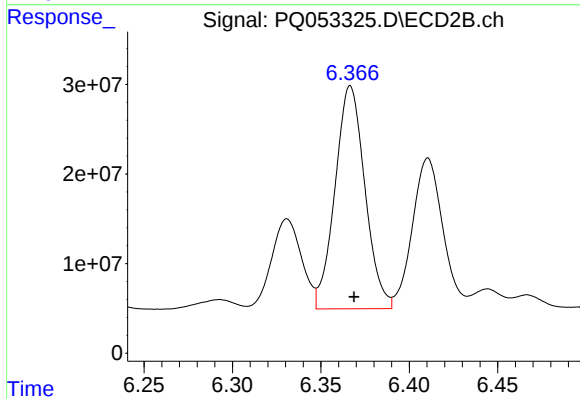
#25 AR-1248-5

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 201155348
Conc: 408.80 ng/ml



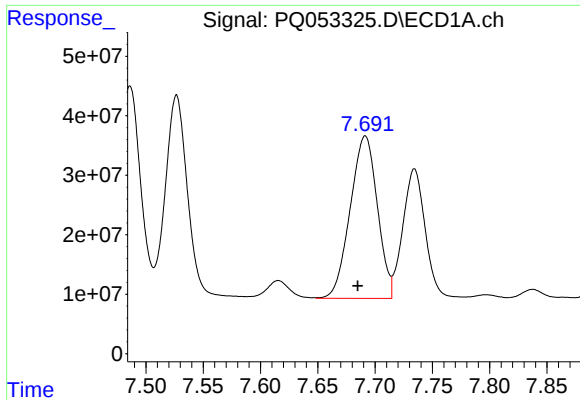
#26 AR-1254-1

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 358695983
Conc: 228.17 ng/ml



#26 AR-1254-1

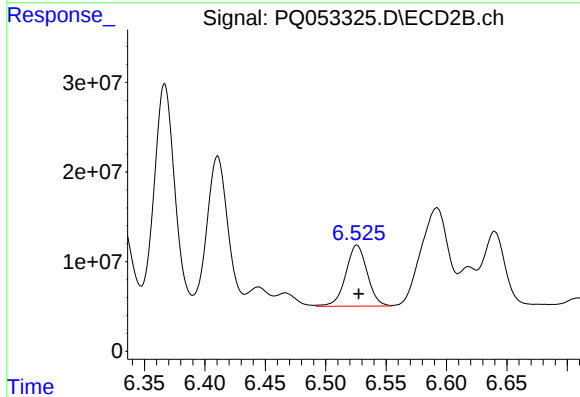
R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 293184001
Conc: 273.43 ng/ml



#27 AR-1254-2

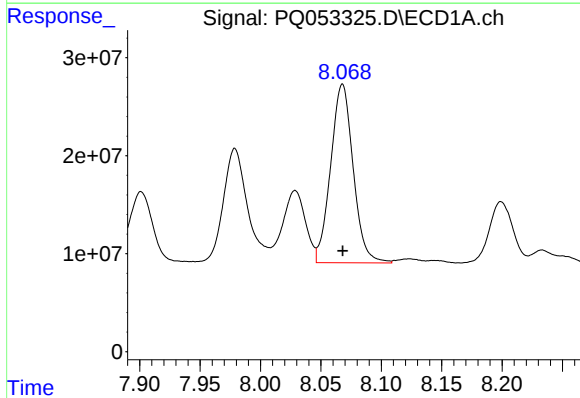
R.T.: 7.691 min
Delta R.T.: 0.007 min
Response: 449799733
Conc: 183.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



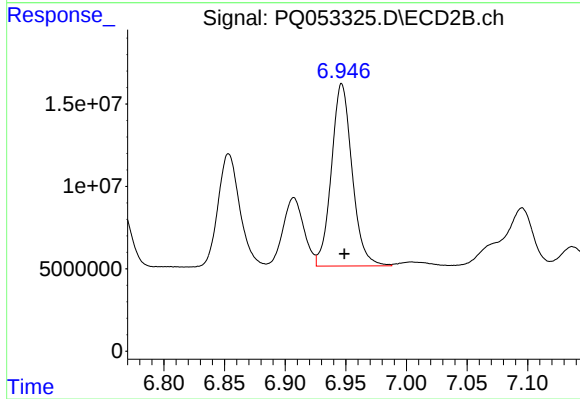
#27 AR-1254-2

R.T.: 6.526 min
Delta R.T.: -0.002 min
Response: 83951276
Conc: 88.01 ng/ml



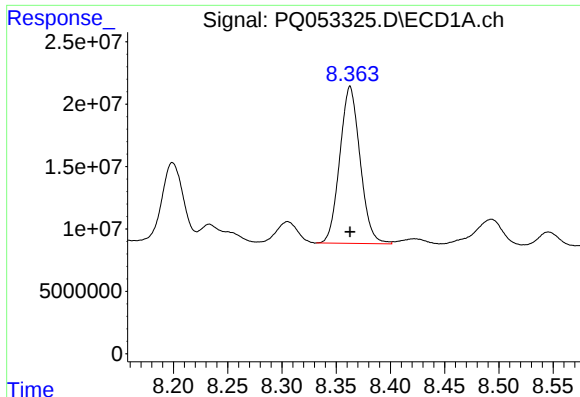
#28 AR-1254-3

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 236862781
Conc: 90.01 ng/ml



#28 AR-1254-3

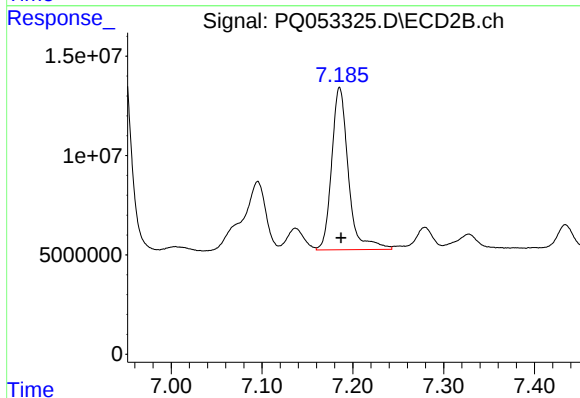
R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 131543415
Conc: 84.93 ng/ml



#29 AR-1254-4

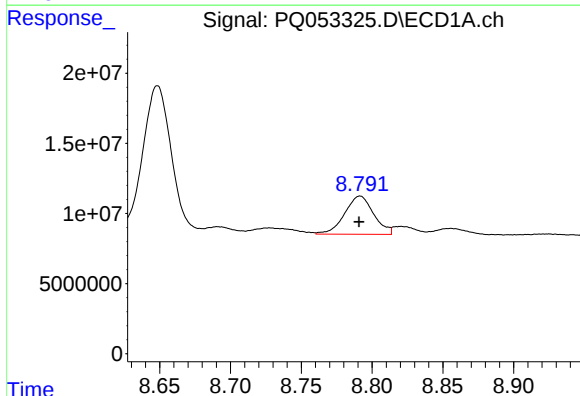
R.T.: 8.363 min
Delta R.T.: 0.000 min
Response: 163857237
Conc: 85.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



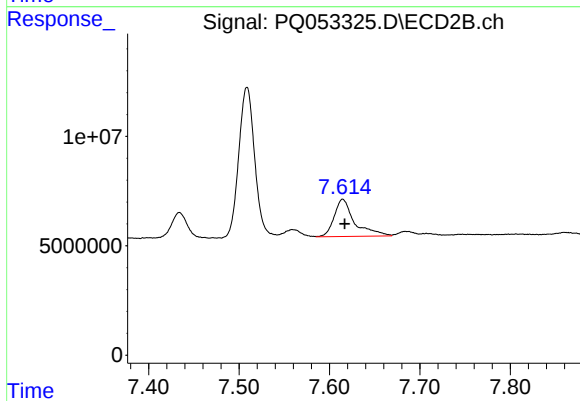
#29 AR-1254-4

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 104688529
Conc: 99.98 ng/ml



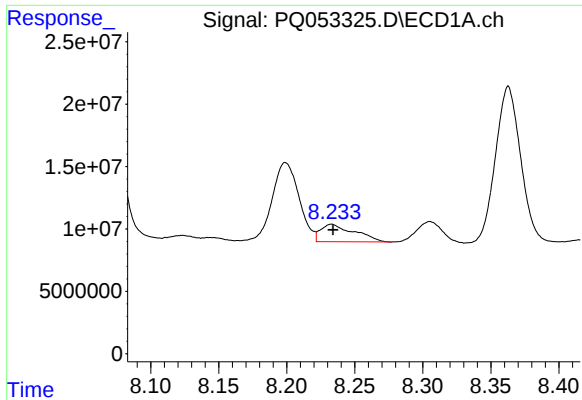
#30 AR-1254-5

R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 38965751
Conc: 19.05 ng/ml



#30 AR-1254-5

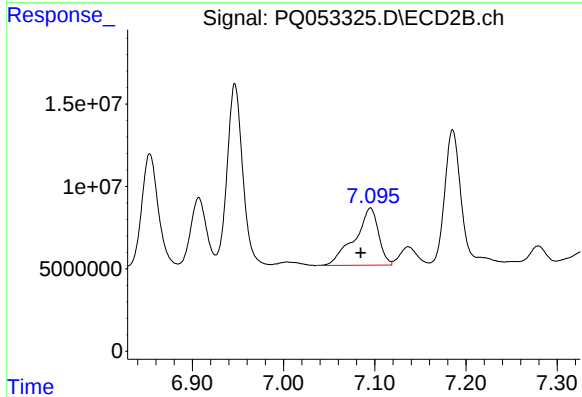
R.T.: 7.615 min
Delta R.T.: -0.002 min
Response: 26664255
Conc: 18.27 ng/ml



#31 AR-1260-1

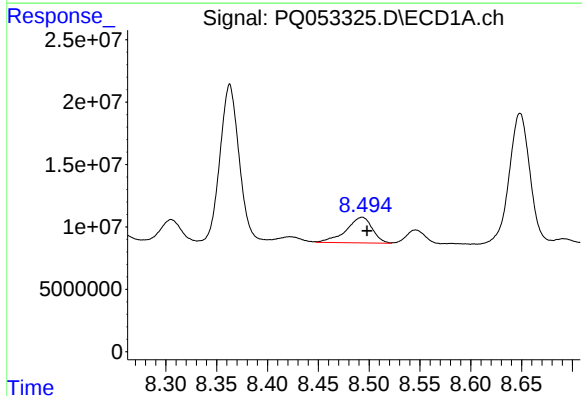
R.T.: 8.233 min
Delta R.T.: -0.001 min
Response: 24177402
Conc: 21.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



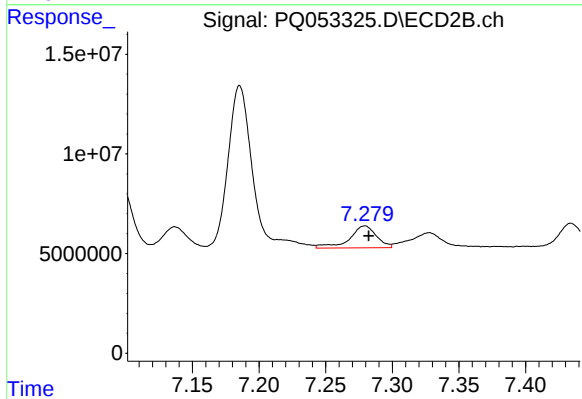
#31 AR-1260-1

R.T.: 7.095 min
Delta R.T.: 0.011 min
Response: 63131741
Conc: 97.42 ng/ml



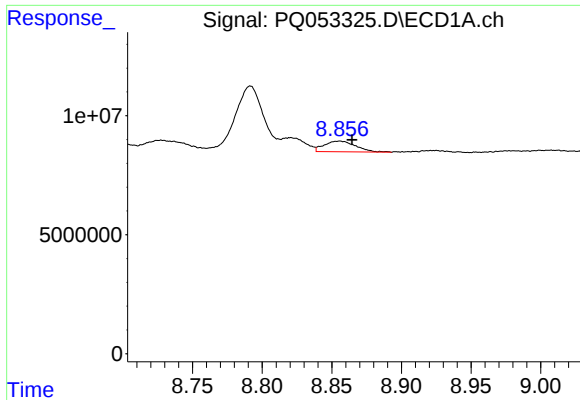
#32 AR-1260-2

R.T.: 8.493 min
Delta R.T.: -0.005 min
Response: 37034142
Conc: 26.58 ng/ml



#32 AR-1260-2

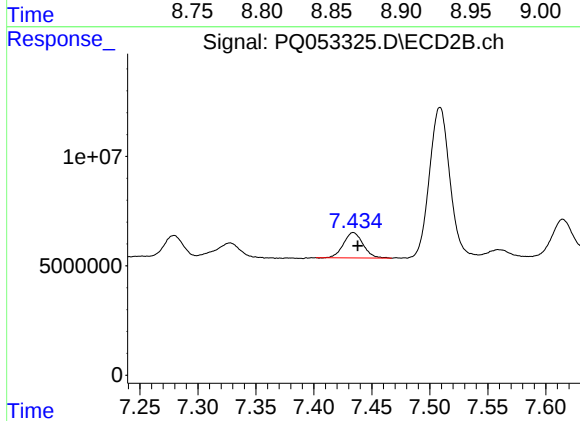
R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 15460895
Conc: 16.68 ng/ml



#33 AR-1260-3

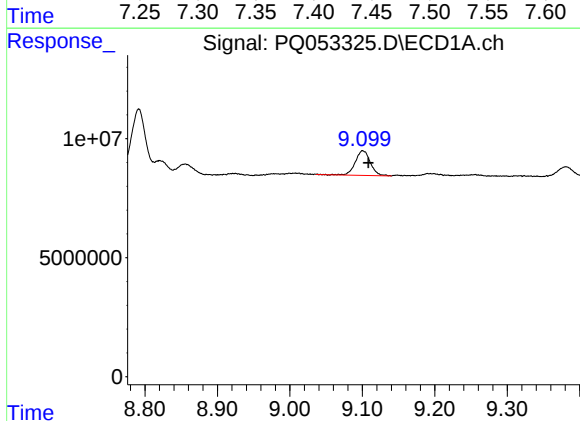
R.T.: 8.856 min
Delta R.T.: -0.009 min
Response: 7075308
Conc: 6.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



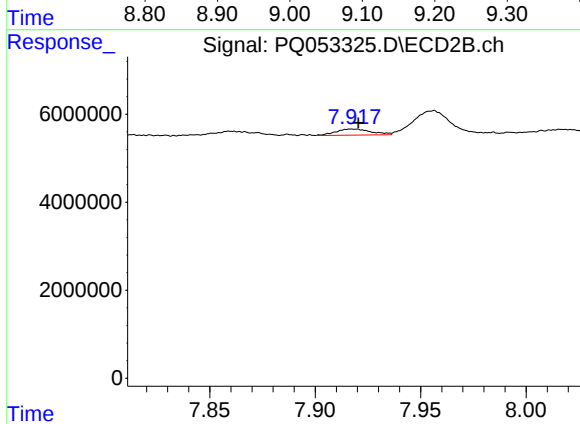
#33 AR-1260-3

R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 13623559
Conc: 17.51 ng/ml



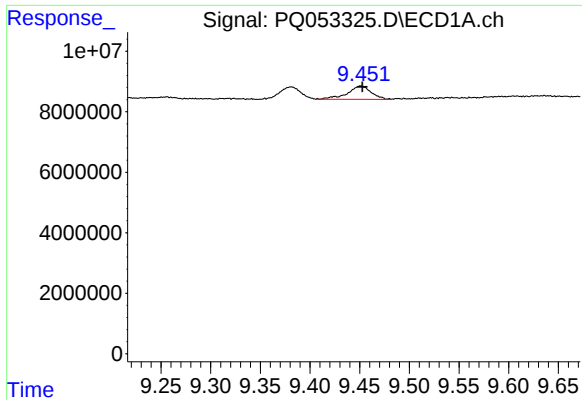
#34 AR-1260-4

R.T.: 9.101 min
Delta R.T.: -0.008 min
Response: 14947462
Conc: 12.34 ng/ml



#34 AR-1260-4

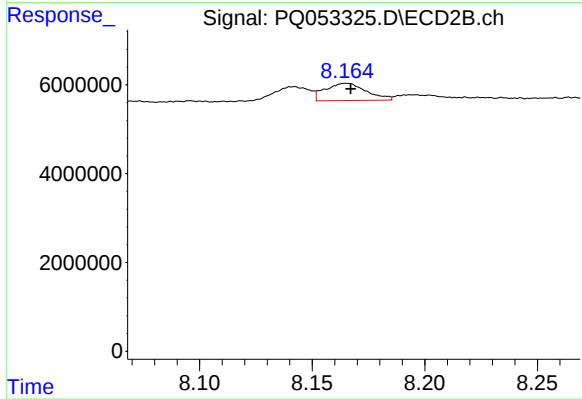
R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 1620306
Conc: 2.39 ng/ml



#35 AR-1260-5

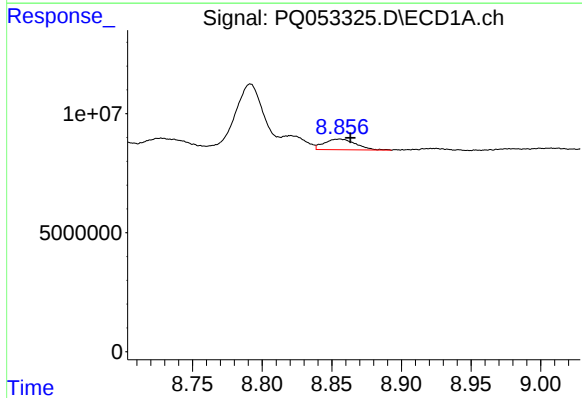
R.T.: 9.451 min
Delta R.T.: -0.002 min
Response: 7364084
Conc: 2.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



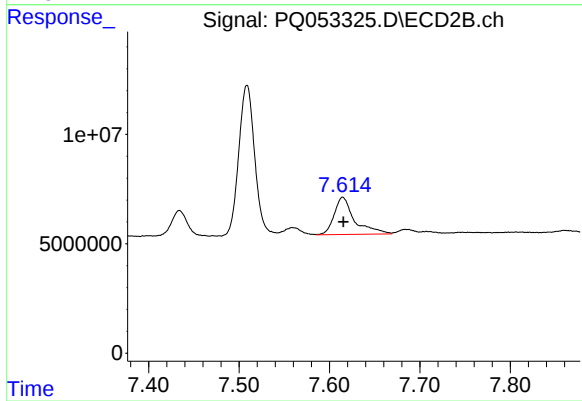
#35 AR-1260-5

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 4958163
Conc: 2.68 ng/ml



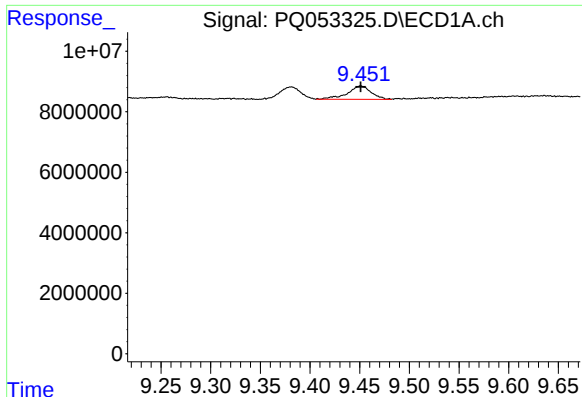
#36 AR-1262-1

R.T.: 8.856 min
Delta R.T.: -0.008 min
Response: 7075308
Conc: 3.54 ng/ml



#36 AR-1262-1

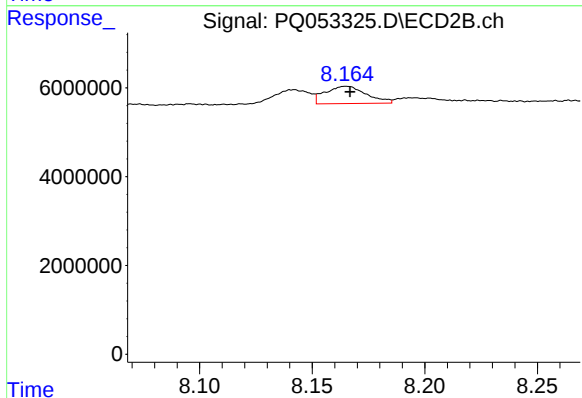
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 26664255
Conc: 43.50 ng/ml



#37 AR-1262-2

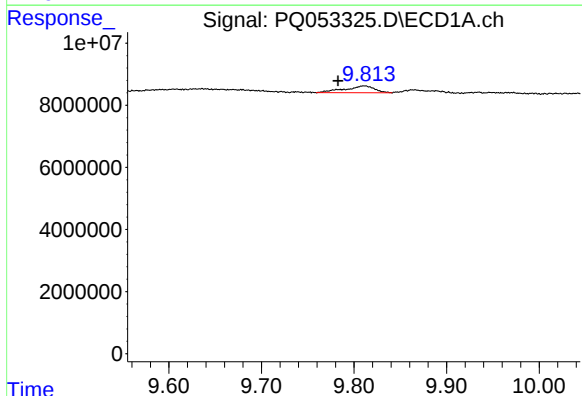
R.T.: 9.451 min
Delta R.T.: 0.000 min
Response: 7364084
Conc: 1.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



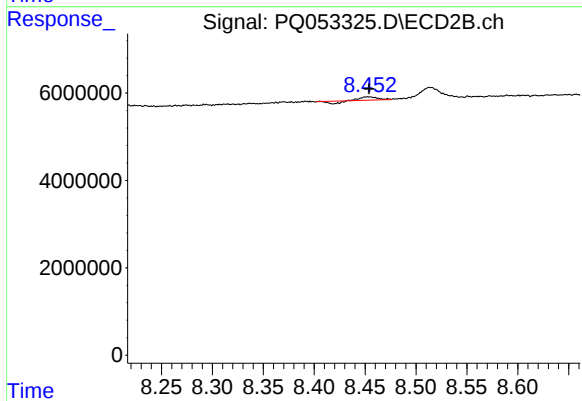
#37 AR-1262-2

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 4958163
Conc: 1.95 ng/ml



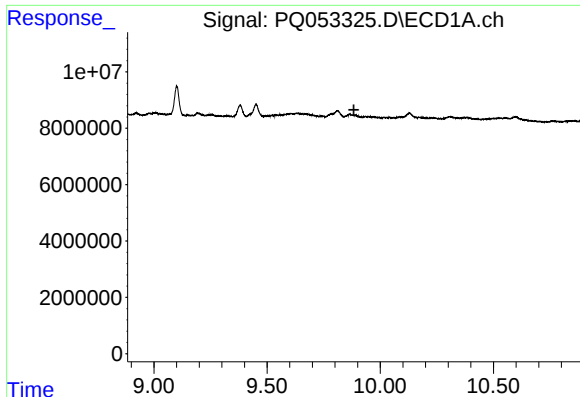
#38 AR-1262-3

R.T.: 9.811 min
Delta R.T.: 0.028 min
Response: 4846316
Conc: 1.93 ng/ml



#38 AR-1262-3

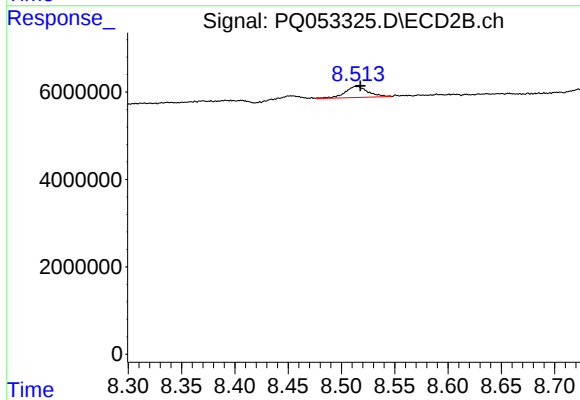
R.T.: 8.453 min
Delta R.T.: -0.001 min
Response: 408737
Conc: 0.40 ng/ml



#39 AR-1262-4

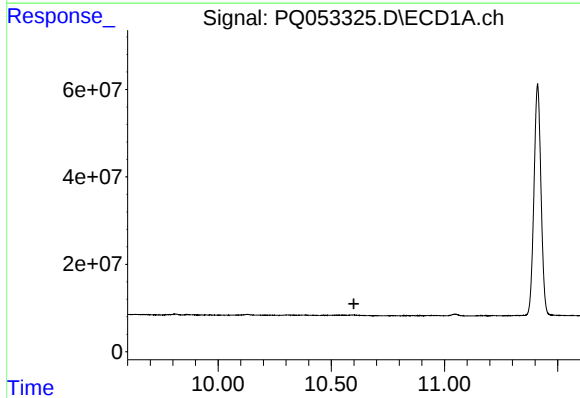
R.T.: 0.000 min
Exp R.T.: 9.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



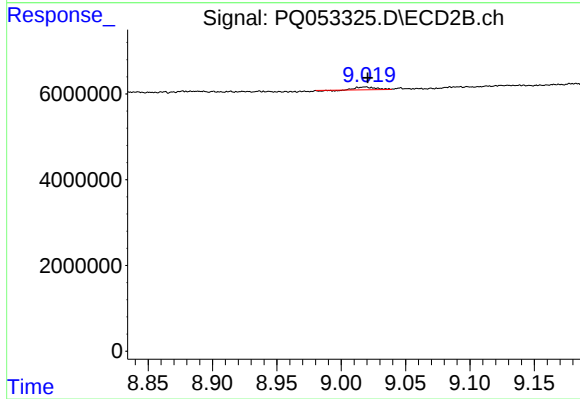
#39 AR-1262-4

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 3748961
Conc: 2.18 ng/ml



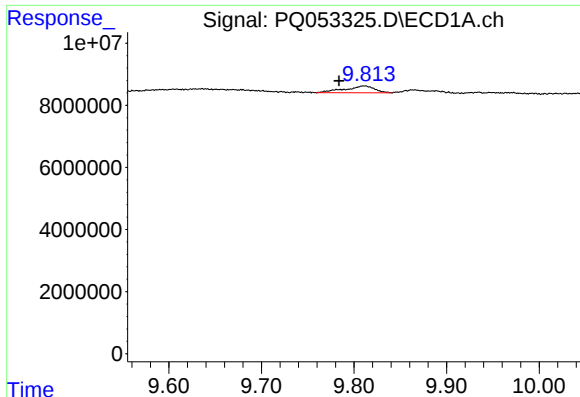
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 10.600 min
Response: 0
Conc: N.D.



#40 AR-1262-5

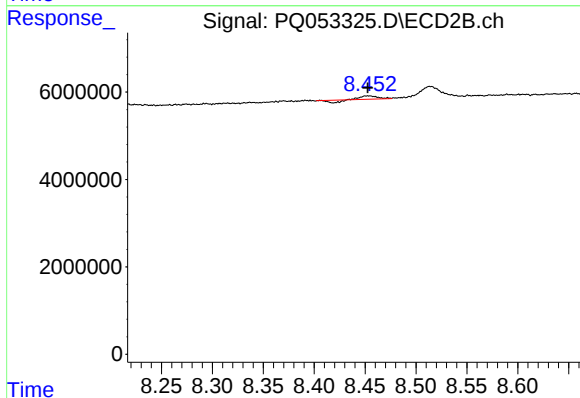
R.T.: 9.019 min
Delta R.T.: -0.002 min
Response: 618247
Conc: 0.79 ng/ml



#41 AR-1268-1

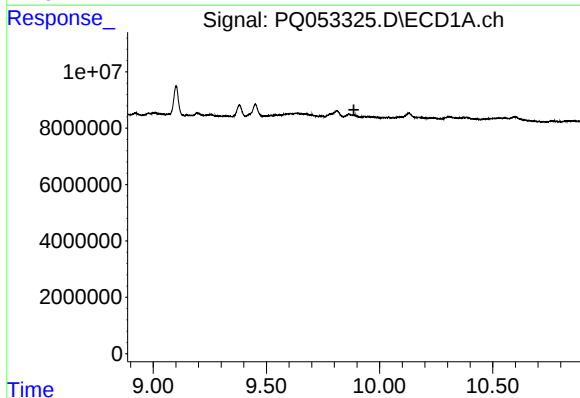
R.T.: 9.811 min
Delta R.T.: 0.028 min
Response: 4846316
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



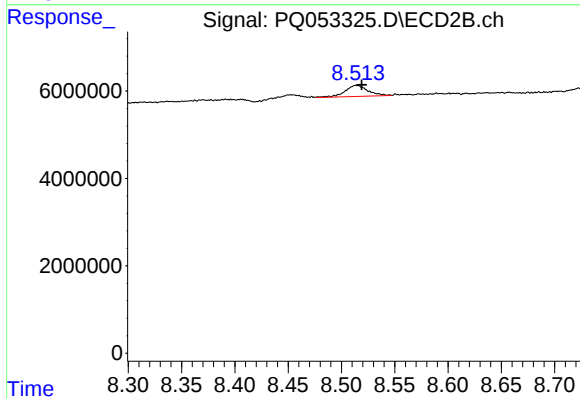
#41 AR-1268-1

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 408737
Conc: 0.14 ng/ml



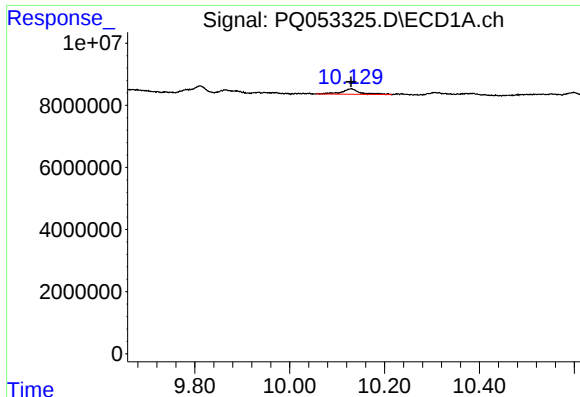
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.886 min
Response: 0
Conc: N.D.



#42 AR-1268-2

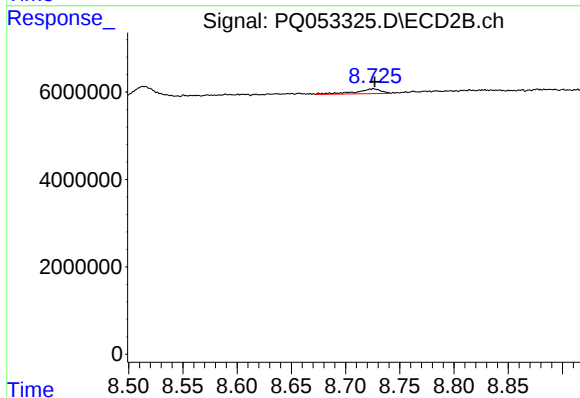
R.T.: 8.514 min
Delta R.T.: -0.005 min
Response: 3748961
Conc: 1.51 ng/ml



#43 AR-1268-3

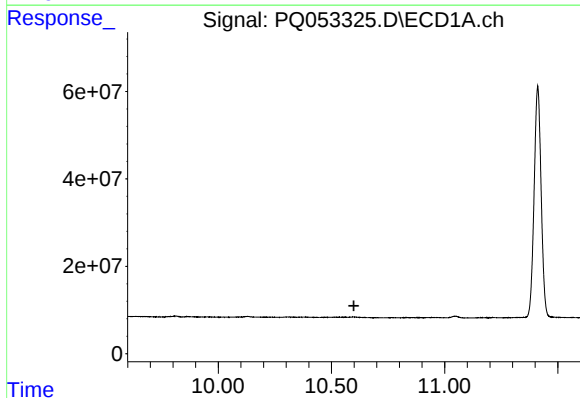
R.T.: 10.130 min
Delta R.T.: 0.000 min
Response: 4919843
Conc: 1.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



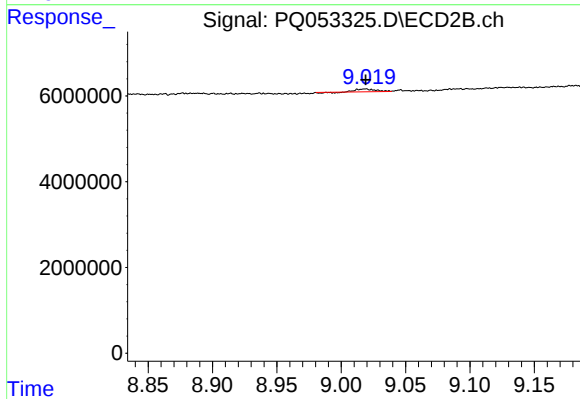
#43 AR-1268-3

R.T.: 8.726 min
Delta R.T.: -0.001 min
Response: 1781282
Conc: 0.82 ng/ml



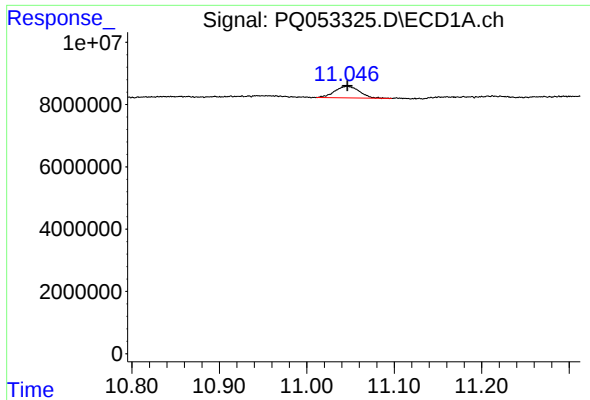
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.599 min
Response: 0
Conc: N.D.



#44 AR-1268-4

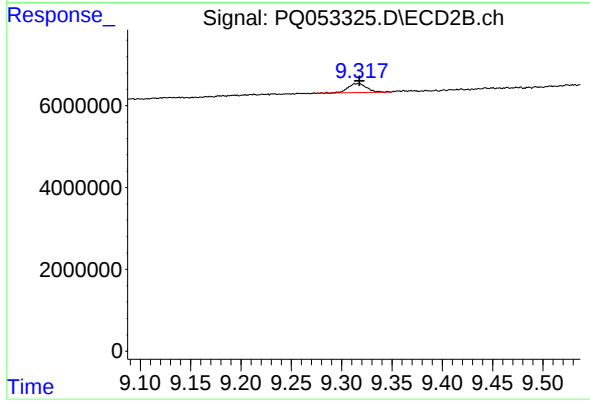
R.T.: 9.019 min
Delta R.T.: 0.000 min
Response: 618247
Conc: 0.72 ng/ml



#45 AR-1268-5

R.T.: 11.046 min
Delta R.T.: 0.000 min
Response: 7344198
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.317 min
Delta R.T.: 0.000 min
Response: 2861545
Conc: 0.46 ng/ml