

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091923\
 Data File : PQ063299.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 04:55
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 05:38:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.463	2.781	258.5E6	179.2E6	55.198	51.865
2)	SA Decachlor...	8.695	7.582	193.3E6	175.9E6	55.309	48.928
Target Compounds							
3)	L1 AR-1016-1	4.578	3.793	50890921	39157410	350.017	314.359
4)	L1 AR-1016-2	4.597	3.808	64108848	40273796	274.391	226.564
5)	L1 AR-1016-3	4.655	3.971	31501478	27127716	219.222	281.140 #
6)	L1 AR-1016-4	4.747	4.020	35223537	57837389	308.796	713.491 #
7)	L1 AR-1016-5	5.038	4.215	87433133	67778701	744.059	673.313
8)	L2 AR-1221-1	3.665	2.981	1079994	665087	18.877	14.300
9)	L2 AR-1221-2	3.745	3.053	3786346	2454284	100.155	79.363
10)	L2 AR-1221-3	3.816	3.132	4431943	3385578	35.114	31.776
11)	L3 AR-1232-1	3.816	3.132	4431943	3385578	42.559	38.938
12)	L3 AR-1232-2	4.316	3.808	23497830	40273796	369.419	498.015 #
13)	L3 AR-1232-3	4.597	3.971	64108848	27127716	611.757	639.509
14)	L3 AR-1232-4	4.747	4.056	35223537	55334011	708.804	1509.068 #
15)	L3 AR-1232-5	4.846	4.215	73127665	67778701	1925.338	1571.209
16)	L4 AR-1242-1	4.578	3.793	50890921	39157410	385.906	358.858
17)	L4 AR-1242-2	4.597	3.808	64108848	40273796	309.807	259.129
18)	L4 AR-1242-3	4.655	3.971	31501478	27127716	248.483	323.422 #
19)	L4 AR-1242-4	4.747	4.056	35223537	55334011	341.510	690.506 #
20)	L4 AR-1242-5	5.470	4.554	95382903	94887224	872.198	906.684
21)	L5 AR-1248-1	4.578	3.793	50890921	39157410	517.865	487.968
22)	L5 AR-1248-2	4.846	4.020	73127665	57837389	511.307	483.066
23)	L5 AR-1248-3	5.038	4.056	87433133	55334011	508.248	482.637
24)	L5 AR-1248-4	5.435	4.215	96831069	67778701	506.464	480.690
25)	L5 AR-1248-5	5.470	4.593	95382903	67414045	512.707	487.866
26)	L6 AR-1254-1	5.406	4.554	77089717	94887224	383.324	450.019
27)	L6 AR-1254-2	5.623	4.701	96512491	29052405	316.537	156.970 #
28)	L6 AR-1254-3	5.982	5.085	55467716	44457885	169.087	155.378
29)	L6 AR-1254-4	6.269	5.313	38519181	30932858	159.034	167.085
30)	L6 AR-1254-5	6.684	5.721	9146311	8800162	35.615	34.061
31)	L7 AR-1260-1	6.149	5.219	7962884	22685092	33.104	112.345 #
32)	L7 AR-1260-2	6.409	5.406	5397469	4318997	19.050	17.651
33)	L7 AR-1260-3	6.765	5.544	443268	5585984	2.181	23.622 #
34)	L7 AR-1260-4	6.963	6.013	4947008	465156	20.753	2.436 #
35)	L7 AR-1260-5	7.297	6.258	1919468	2476512	4.287	5.655 #
36)	L8 AR-1262-1	6.765	5.814	443268	257253	1.424	2.445 #
37)	L8 AR-1262-2	7.297	6.013	1919468	465156	3.697	2.003 #
38)	L8 AR-1262-3	7.576	6.545	1090929	5252008	3.151	27.343 #
39)	L8 AR-1262-4	7.652	6.595	249733	2108185	0.917	6.029 #
40)	L8 AR-1262-5	8.157	7.097	795457	495927	4.638	2.994 #
41)	L9 AR-1268-1	7.576	6.545	1090929	5252008	1.766	9.367 #

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 Acq On : 20 Sep 2023 04:55
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

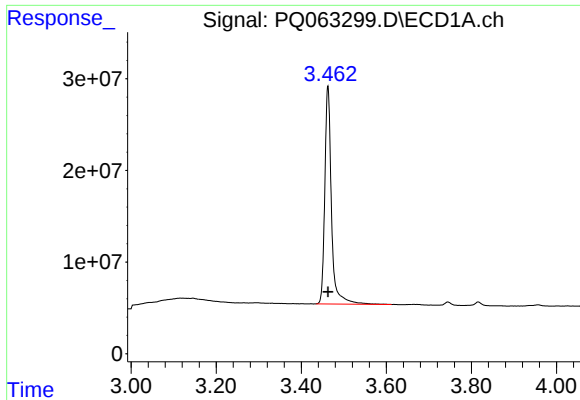
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 05:38:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	7.652	6.595	249733	2108185	0.436	4.238 #
43) L9	AR-1268-3	7.830	6.806	778393	1125527	1.596	2.640 #
44) L9	AR-1268-4	8.157	7.097	795457	495927	4.135	2.678 #
45) L9	AR-1268-5	8.452	7.364	3060299	1757550	2.143	1.337 #

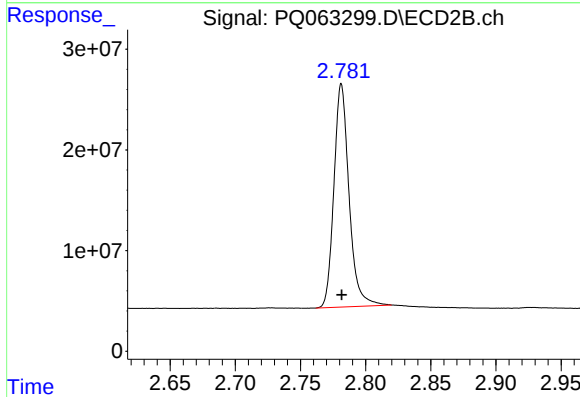
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

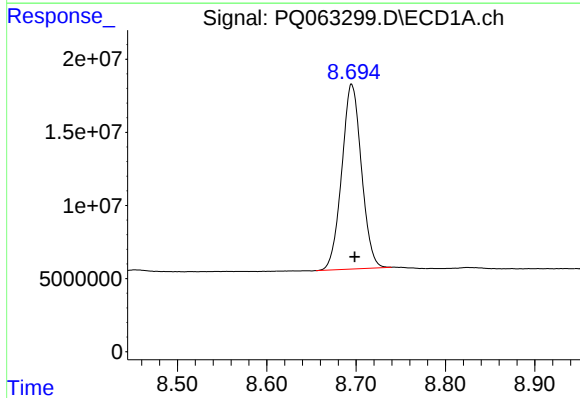
R.T.: 3.463 min
Delta R.T.: 0.000 min
Response: 258521369
Conc: 55.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



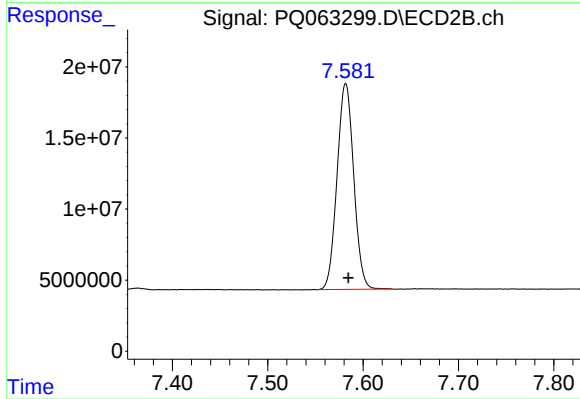
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 179243228
Conc: 51.86 ng/ml



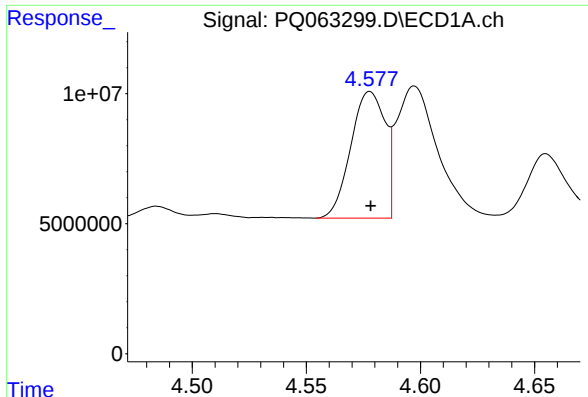
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.003 min
Response: 193277017
Conc: 55.31 ng/ml



#2 Decachlorobiphenyl

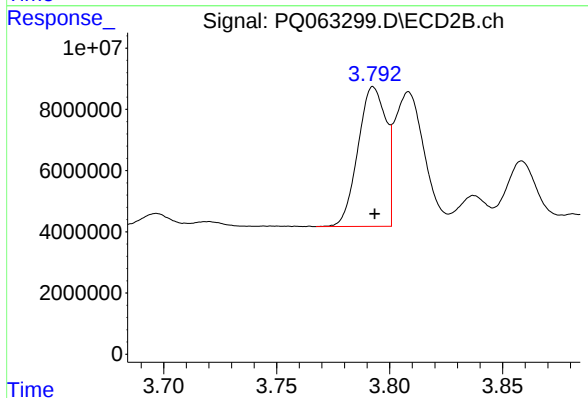
R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 175884836
Conc: 48.93 ng/ml



#3 AR-1016-1

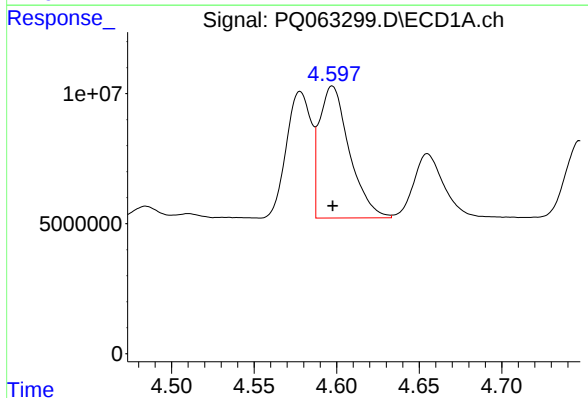
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 50890921
Conc: 350.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



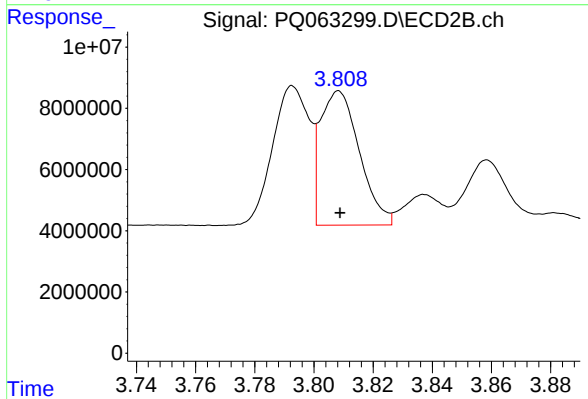
#3 AR-1016-1

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 39157410
Conc: 314.36 ng/ml



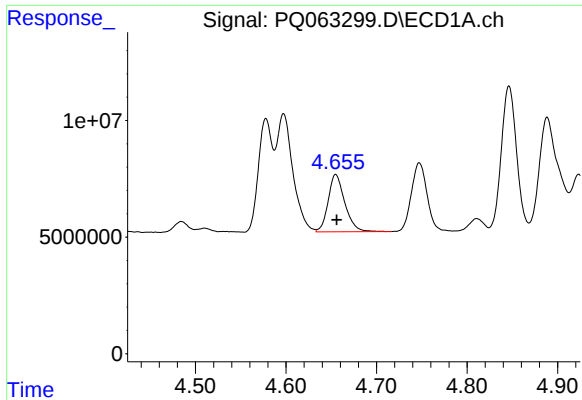
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 64108848
Conc: 274.39 ng/ml



#4 AR-1016-2

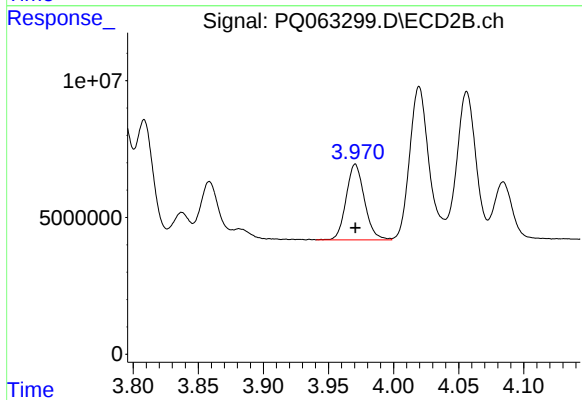
R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 40273796
Conc: 226.56 ng/ml



#5 AR-1016-3

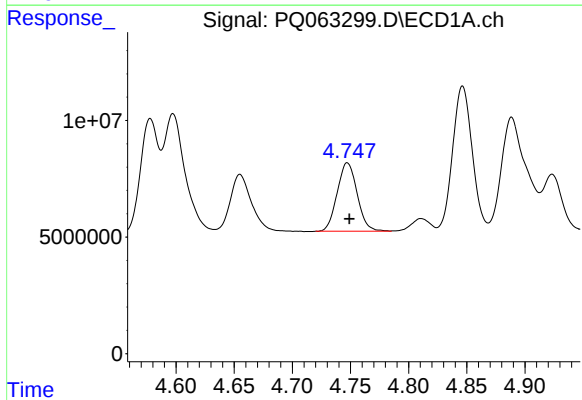
R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 31501478
Conc: 219.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



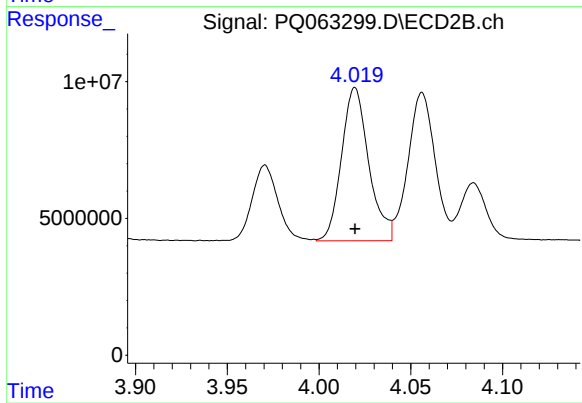
#5 AR-1016-3

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 27127716
Conc: 281.14 ng/ml



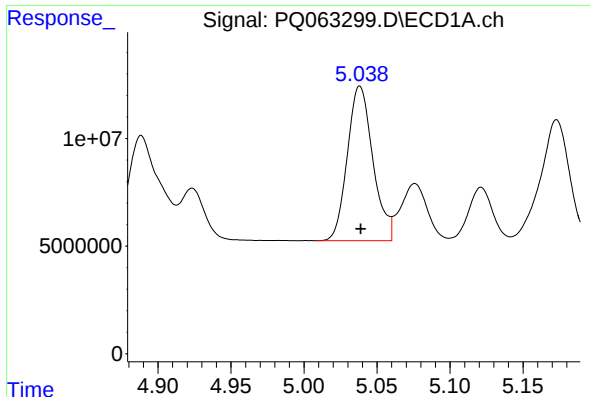
#6 AR-1016-4

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 35223537
Conc: 308.80 ng/ml



#6 AR-1016-4

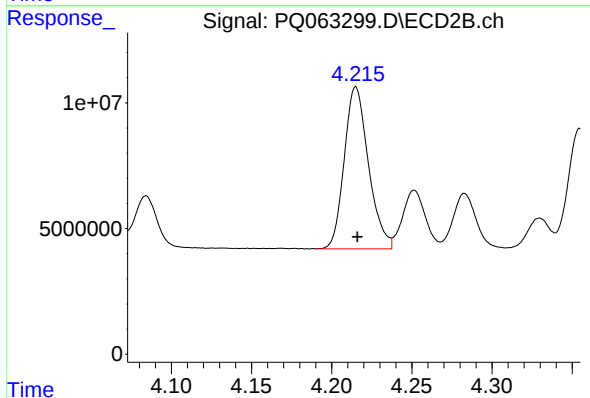
R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 57837389
Conc: 713.49 ng/ml



#7 AR-1016-5

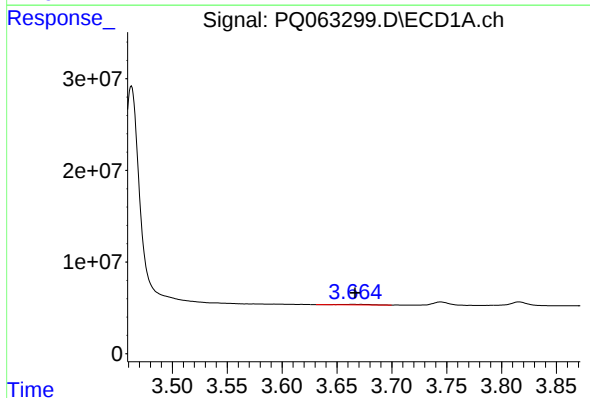
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 87433133
Conc: 744.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



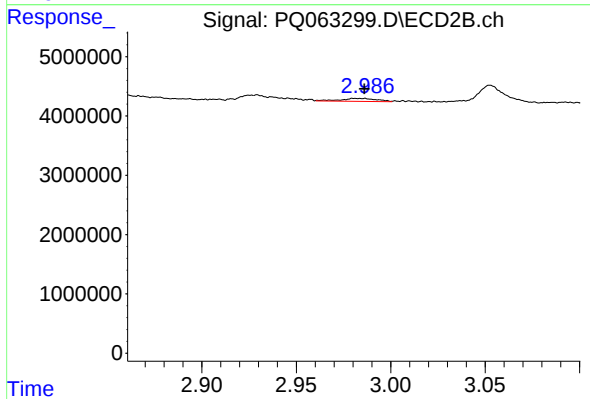
#7 AR-1016-5

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 67778701
Conc: 673.31 ng/ml



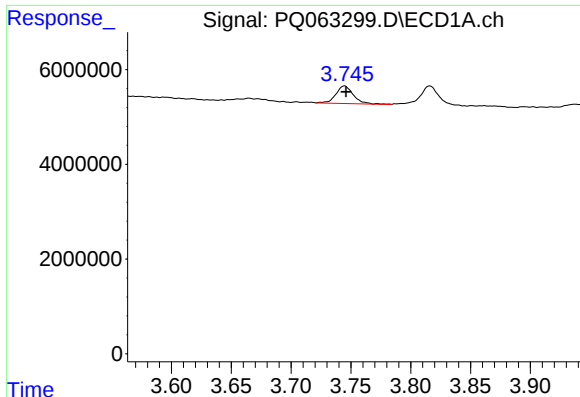
#8 AR-1221-1

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 1079994
Conc: 18.88 ng/ml



#8 AR-1221-1

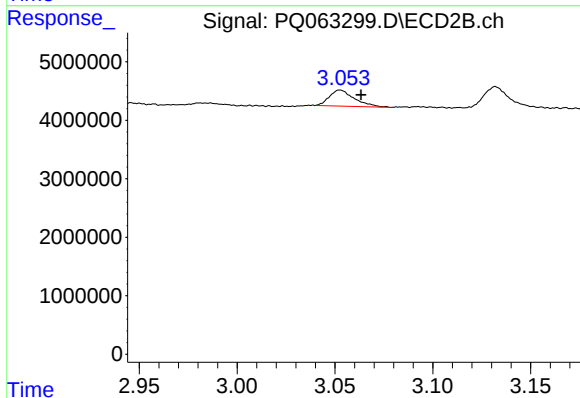
R.T.: 2.981 min
Delta R.T.: -0.005 min
Response: 665087
Conc: 14.30 ng/ml



#9 AR-1221-2

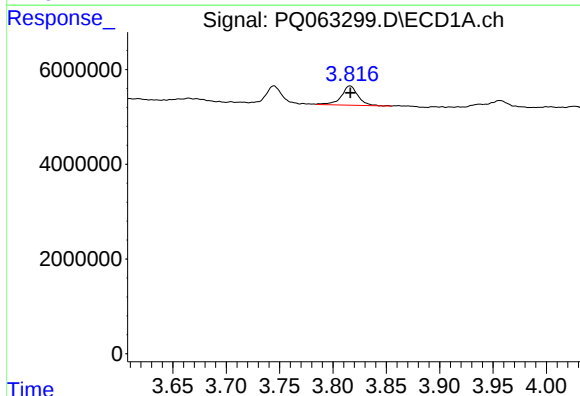
R.T.: 3.745 min
Delta R.T.: -0.001 min
Response: 3786346
Conc: 100.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



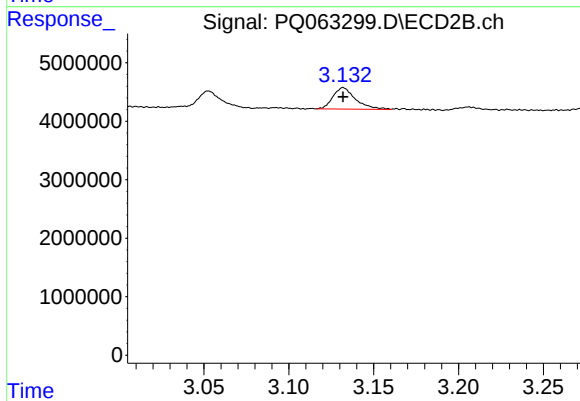
#9 AR-1221-2

R.T.: 3.053 min
Delta R.T.: -0.011 min
Response: 2454284
Conc: 79.36 ng/ml



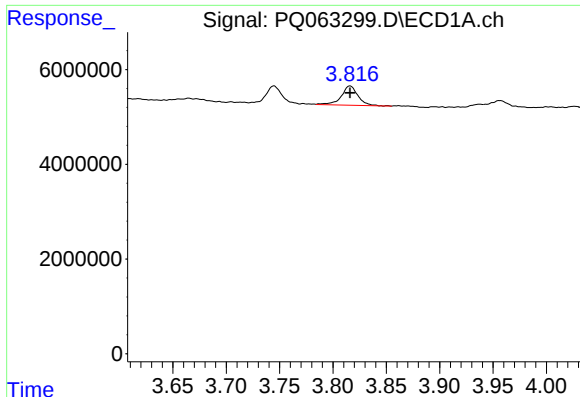
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 4431943
Conc: 35.11 ng/ml



#10 AR-1221-3

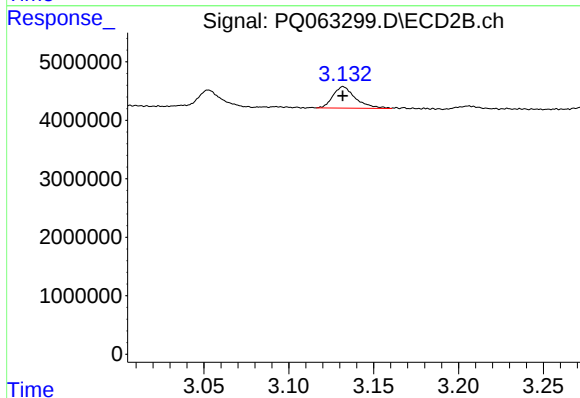
R.T.: 3.132 min
Delta R.T.: 0.000 min
Response: 3385578
Conc: 31.78 ng/ml



#11 AR-1232-1

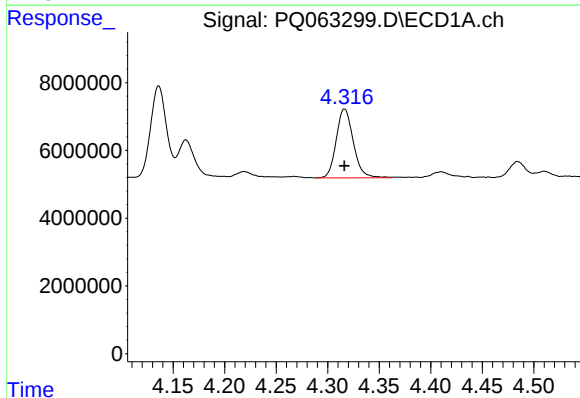
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 4431943
Conc: 42.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



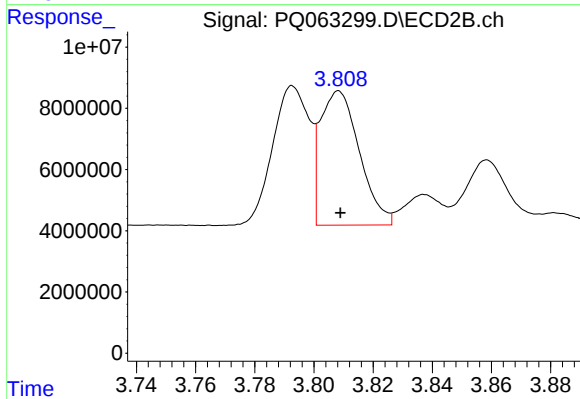
#11 AR-1232-1

R.T.: 3.132 min
Delta R.T.: 0.000 min
Response: 3385578
Conc: 38.94 ng/ml



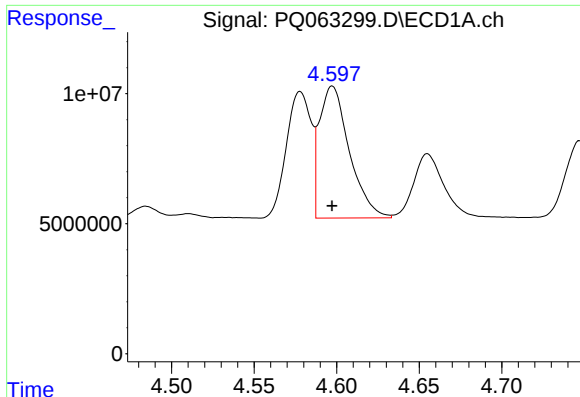
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 23497830
Conc: 369.42 ng/ml



#12 AR-1232-2

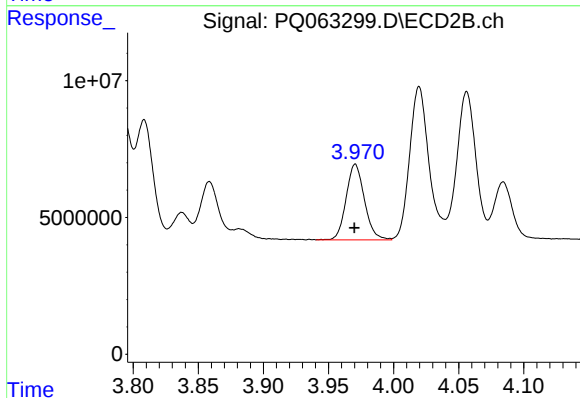
R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 40273796
Conc: 498.02 ng/ml



#13 AR-1232-3

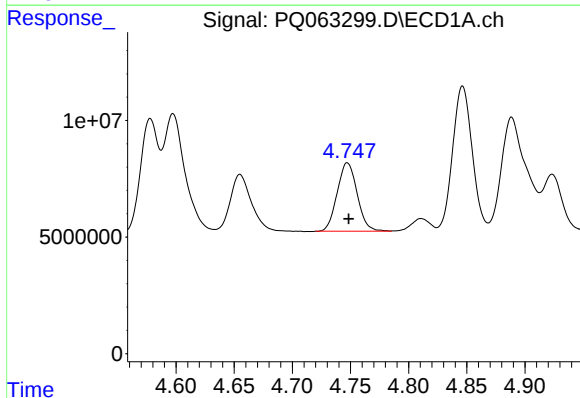
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 64108848
Conc: 611.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



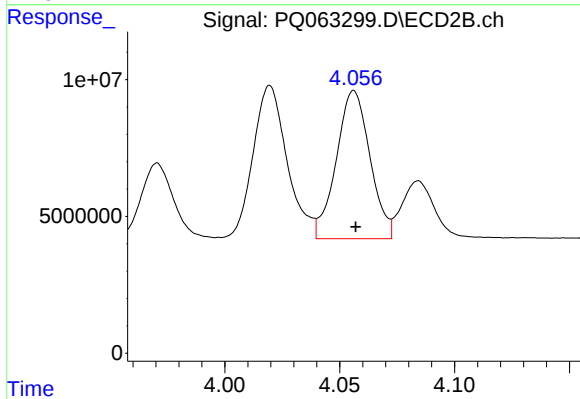
#13 AR-1232-3

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 27127716
Conc: 639.51 ng/ml



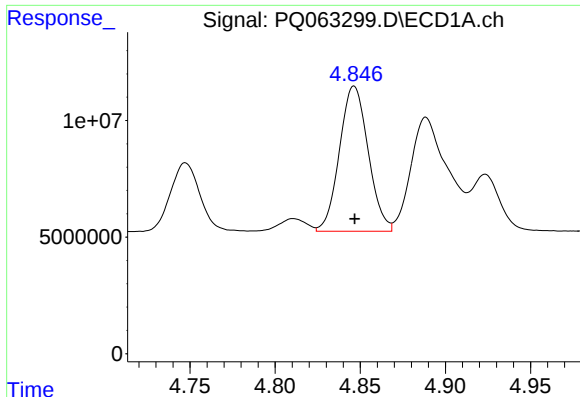
#14 AR-1232-4

R.T.: 4.747 min
Delta R.T.: -0.001 min
Response: 35223537
Conc: 708.80 ng/ml



#14 AR-1232-4

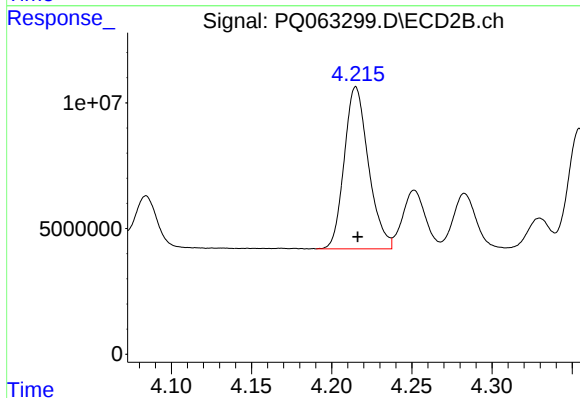
R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 55334011
Conc: 1509.07 ng/ml



#15 AR-1232-5

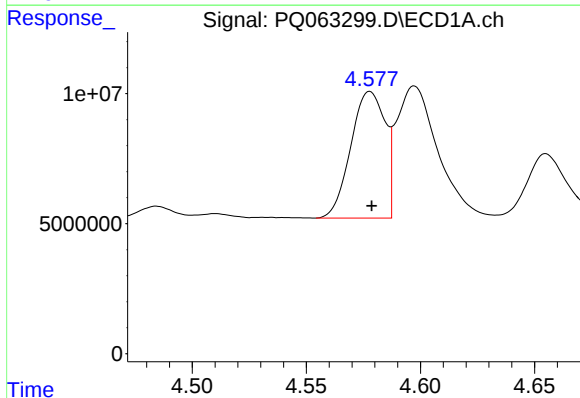
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 73127665
Conc: 1925.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



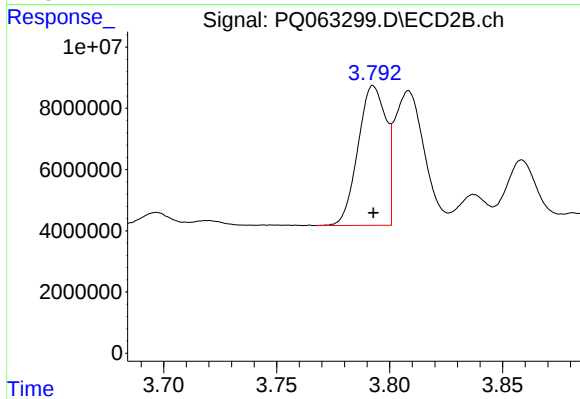
#15 AR-1232-5

R.T.: 4.215 min
Delta R.T.: -0.001 min
Response: 67778701
Conc: 1571.21 ng/ml



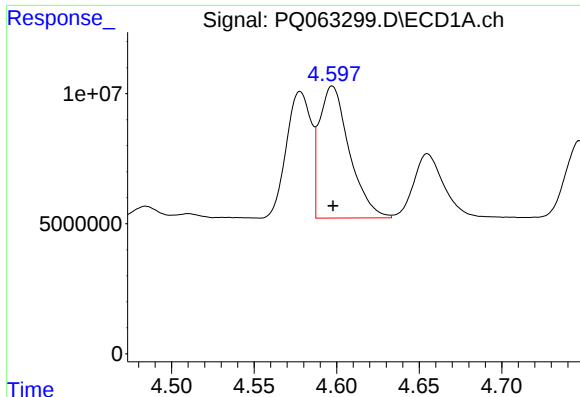
#16 AR-1242-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 50890921
Conc: 385.91 ng/ml



#16 AR-1242-1

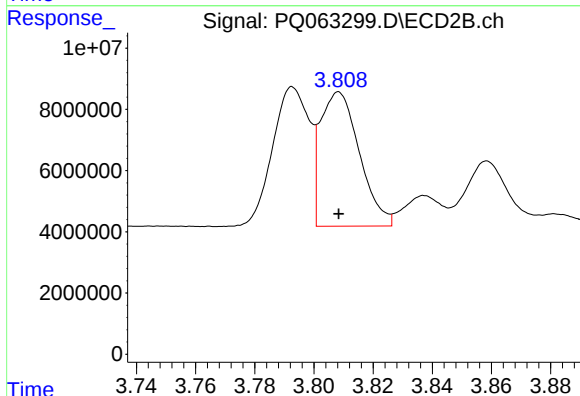
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 39157410
Conc: 358.86 ng/ml



#17 AR-1242-2

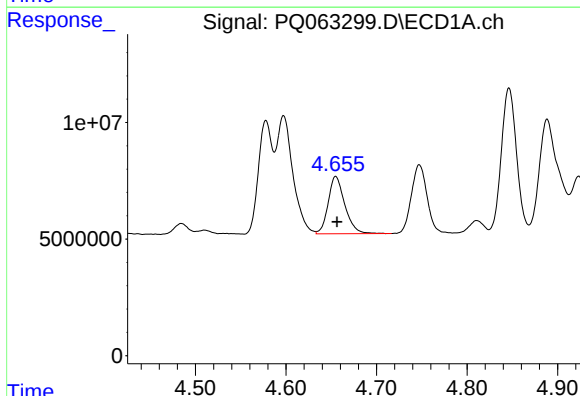
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 64108848
Conc: 309.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



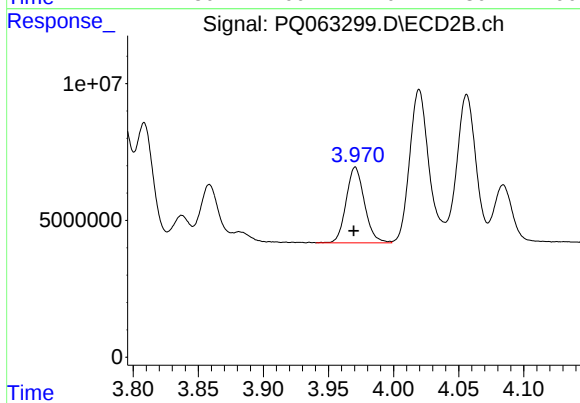
#17 AR-1242-2

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 40273796
Conc: 259.13 ng/ml



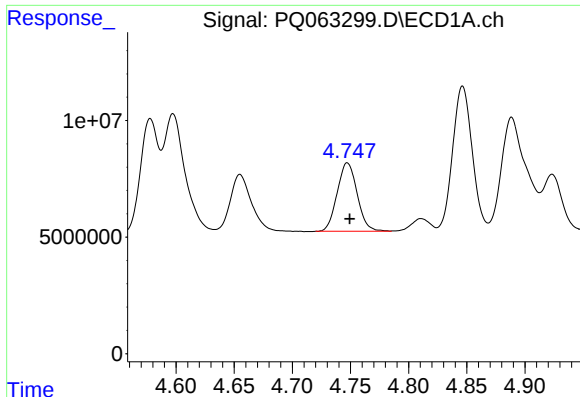
#18 AR-1242-3

R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 31501478
Conc: 248.48 ng/ml



#18 AR-1242-3

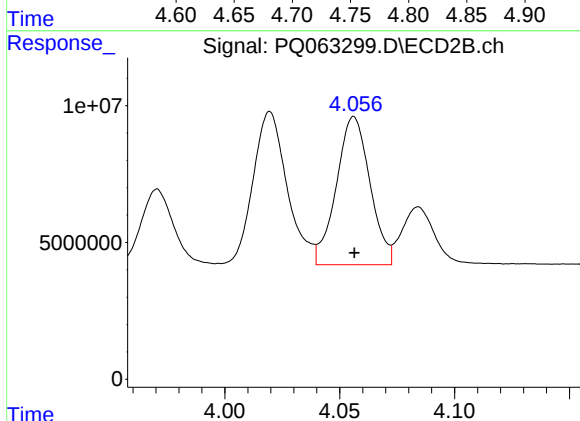
R.T.: 3.971 min
Delta R.T.: 0.001 min
Response: 27127716
Conc: 323.42 ng/ml



#19 AR-1242-4

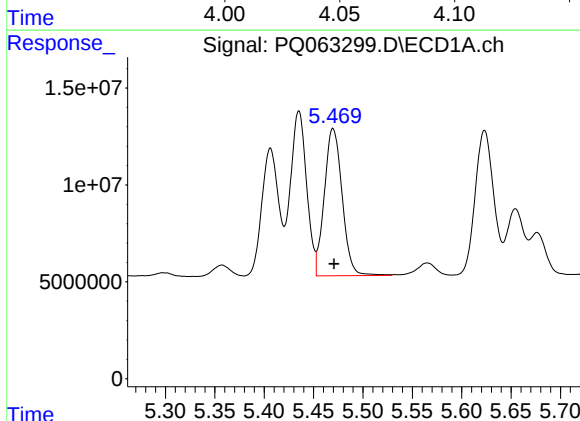
R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 35223537
Conc: 341.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



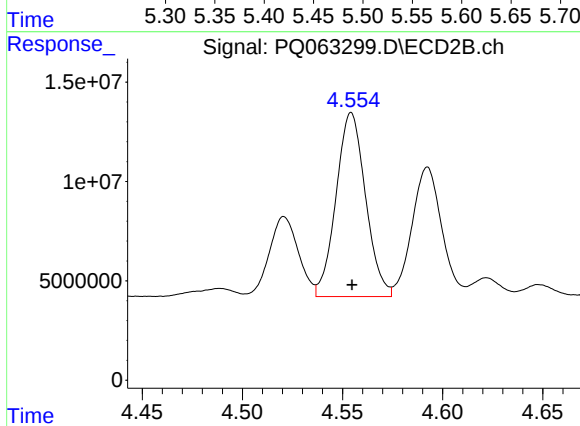
#19 AR-1242-4

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 55334011
Conc: 690.51 ng/ml



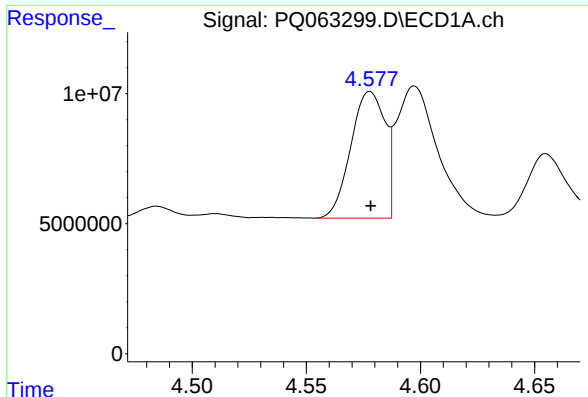
#20 AR-1242-5

R.T.: 5.470 min
Delta R.T.: -0.001 min
Response: 95382903
Conc: 872.20 ng/ml



#20 AR-1242-5

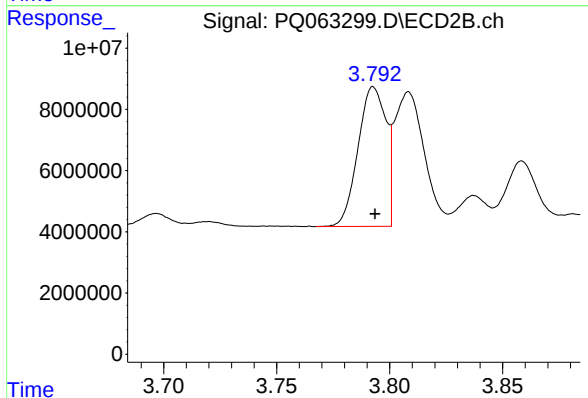
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 94887224
Conc: 906.68 ng/ml



#21 AR-1248-1

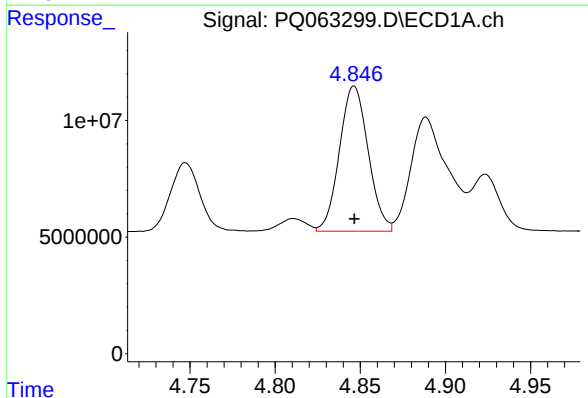
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 50890921
Conc: 517.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



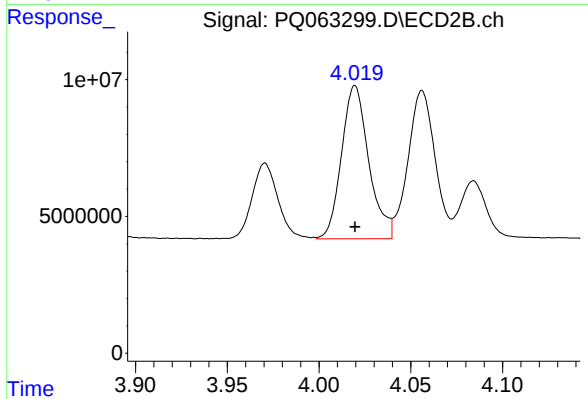
#21 AR-1248-1

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 39157410
Conc: 487.97 ng/ml



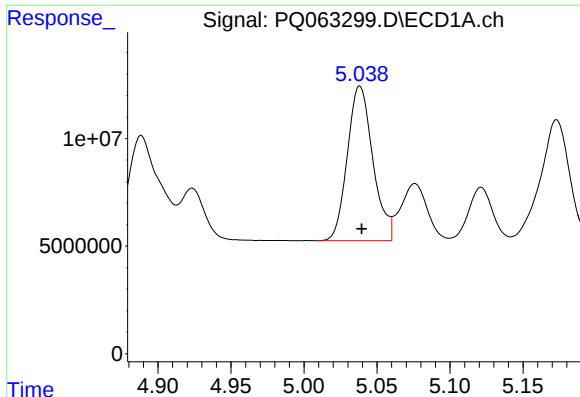
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 73127665
Conc: 511.31 ng/ml



#22 AR-1248-2

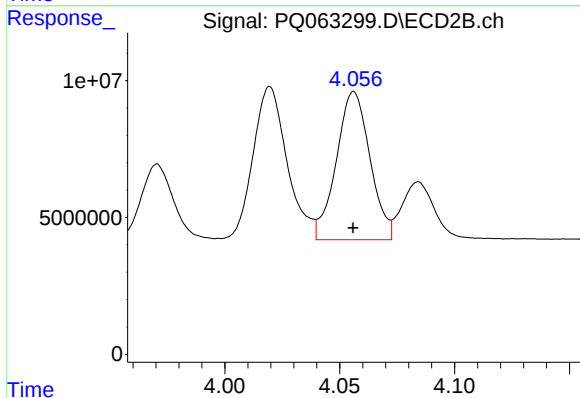
R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 57837389
Conc: 483.07 ng/ml



#23 AR-1248-3

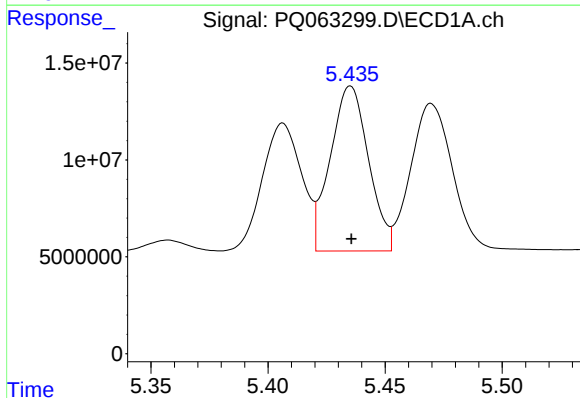
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 87433133
Conc: 508.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



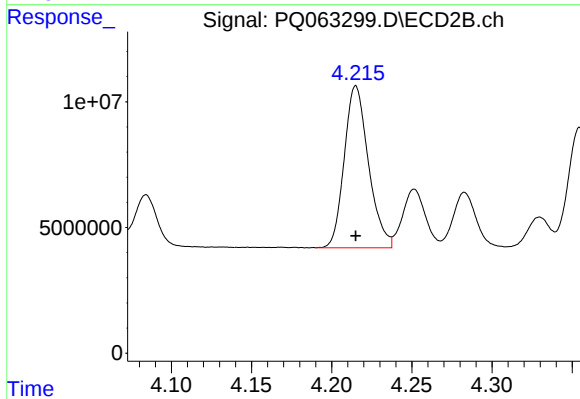
#23 AR-1248-3

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 55334011
Conc: 482.64 ng/ml



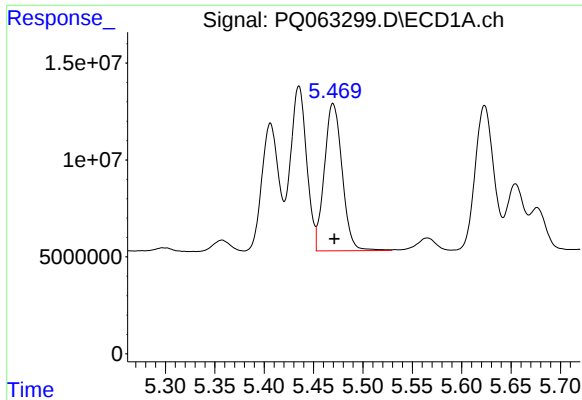
#24 AR-1248-4

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 96831069
Conc: 506.46 ng/ml



#24 AR-1248-4

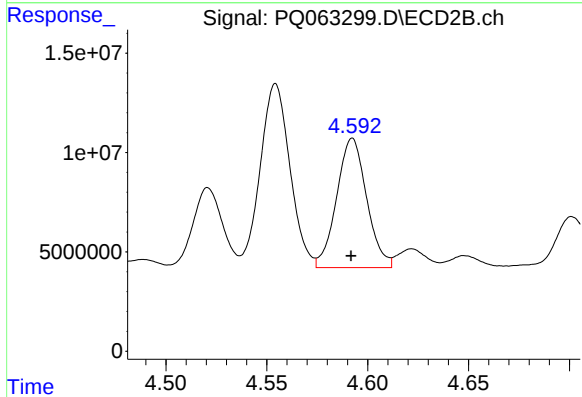
R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 67778701
Conc: 480.69 ng/ml



#25 AR-1248-5

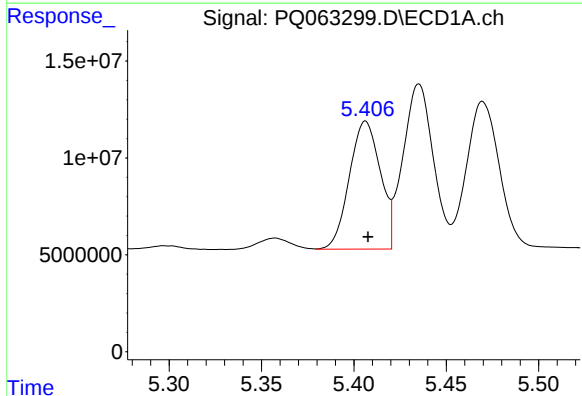
R.T.: 5.470 min
Delta R.T.: -0.001 min
Response: 95382903
Conc: 512.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



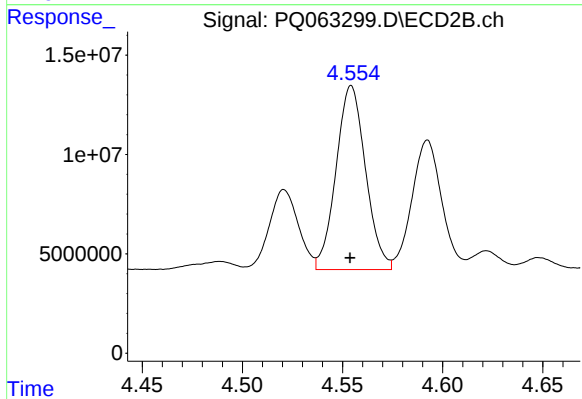
#25 AR-1248-5

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 67414045
Conc: 487.87 ng/ml



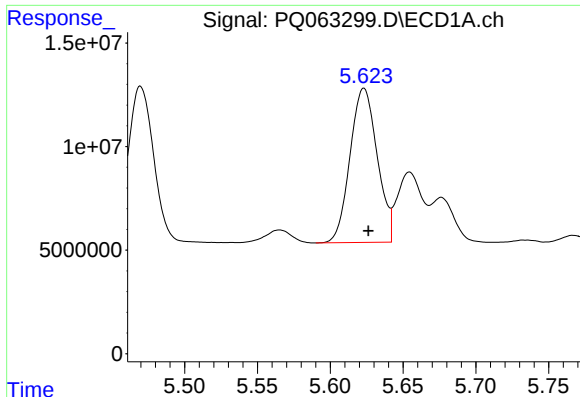
#26 AR-1254-1

R.T.: 5.406 min
Delta R.T.: -0.001 min
Response: 77089717
Conc: 383.32 ng/ml



#26 AR-1254-1

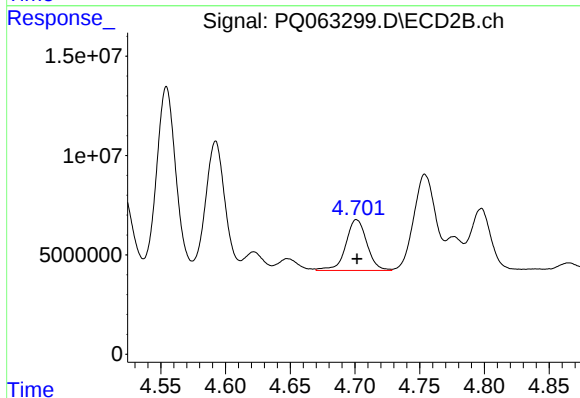
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 94887224
Conc: 450.02 ng/ml



#27 AR-1254-2

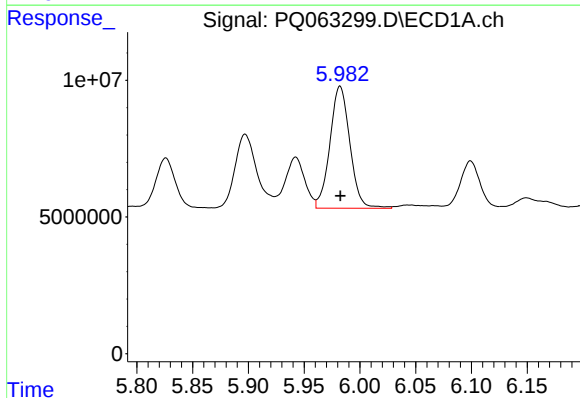
R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 96512491
Conc: 316.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



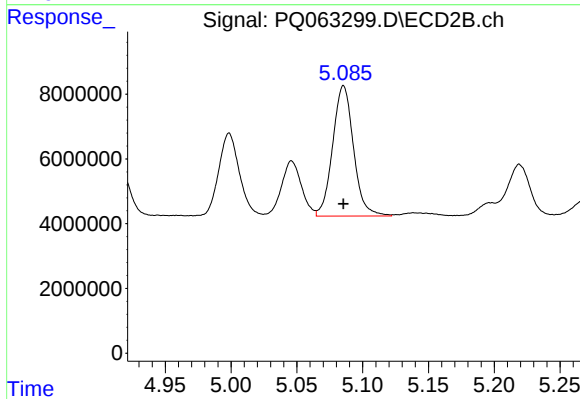
#27 AR-1254-2

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 29052405
Conc: 156.97 ng/ml



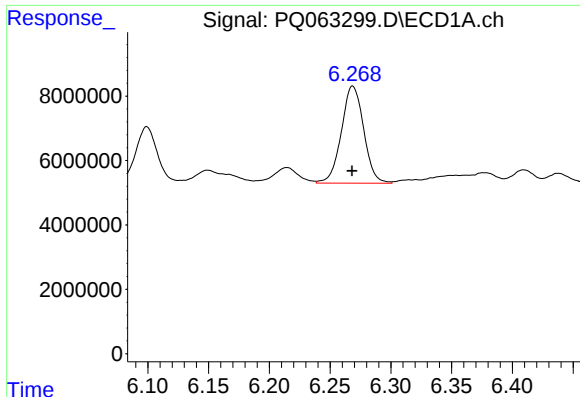
#28 AR-1254-3

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 55467716
Conc: 169.09 ng/ml



#28 AR-1254-3

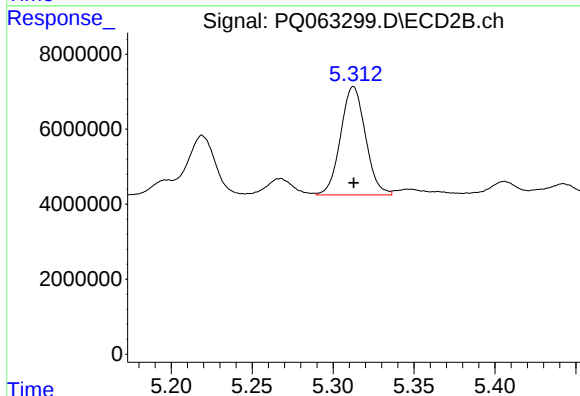
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 44457885
Conc: 155.38 ng/ml



#29 AR-1254-4

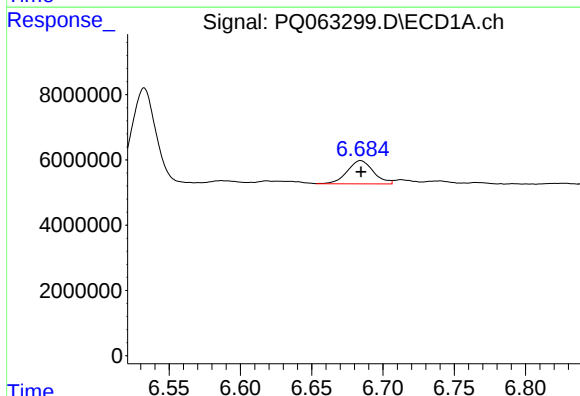
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 38519181
Conc: 159.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



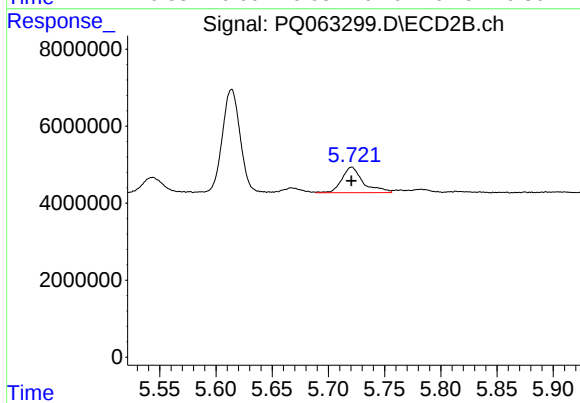
#29 AR-1254-4

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 30932858
Conc: 167.08 ng/ml



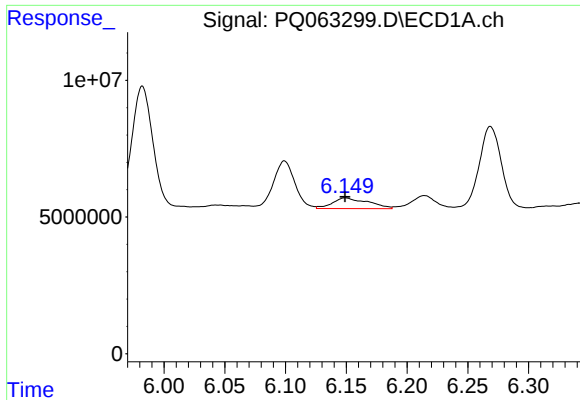
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 9146311
Conc: 35.61 ng/ml



#30 AR-1254-5

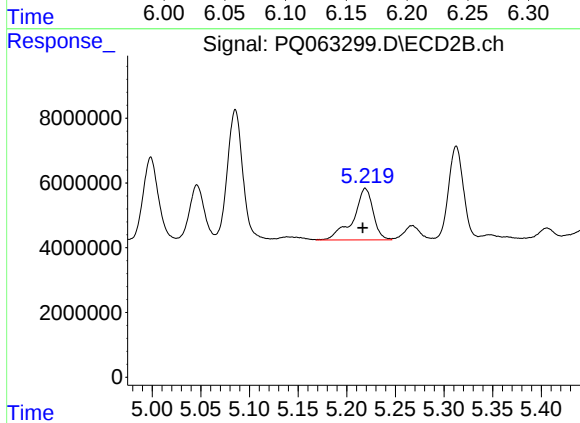
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 8800162
Conc: 34.06 ng/ml



#31 AR-1260-1

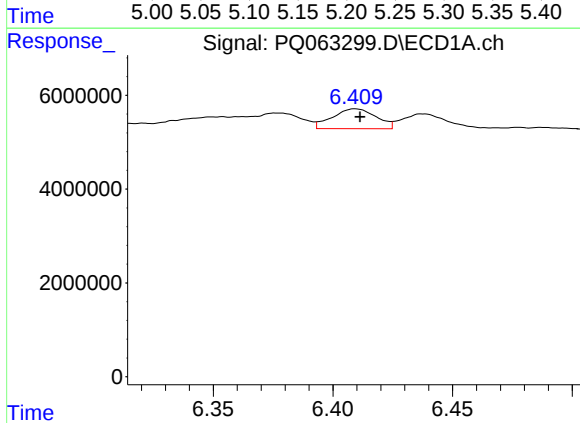
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 7962884
Conc: 33.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



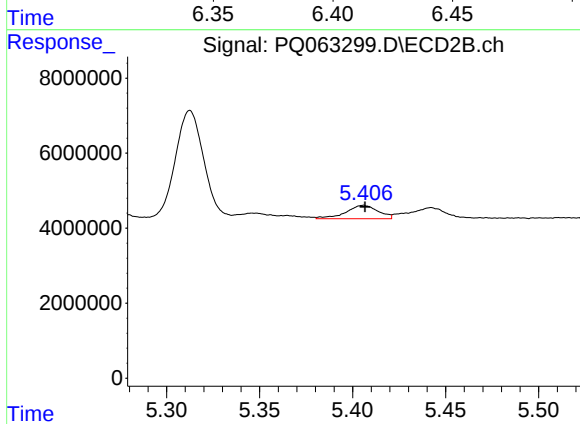
#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: 0.003 min
Response: 22685092
Conc: 112.35 ng/ml



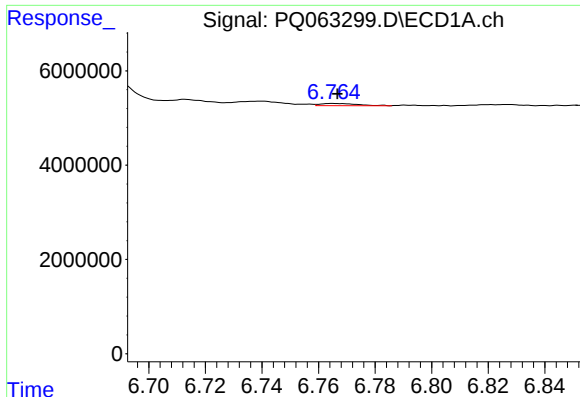
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: -0.002 min
Response: 5397469
Conc: 19.05 ng/ml



#32 AR-1260-2

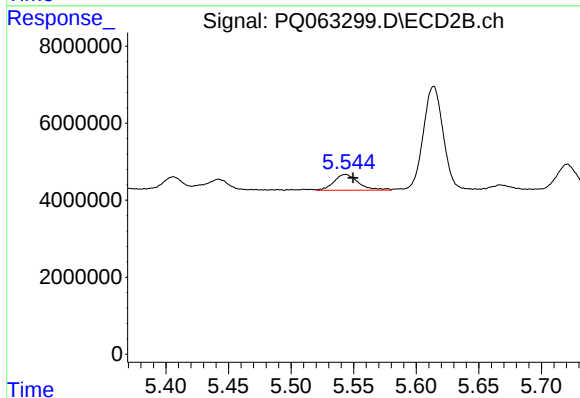
R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 4318997
Conc: 17.65 ng/ml



#33 AR-1260-3

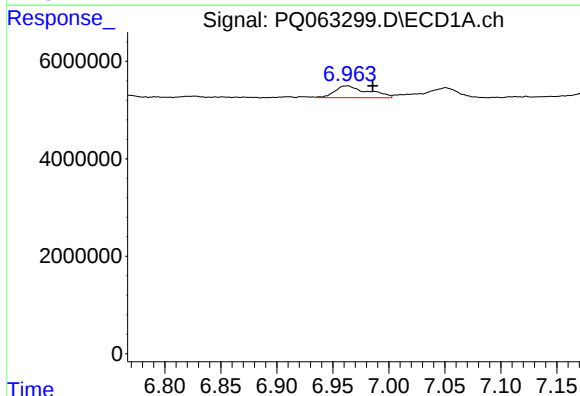
R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 443268
Conc: 2.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



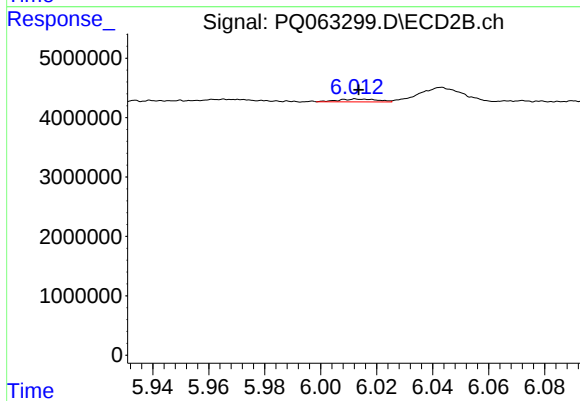
#33 AR-1260-3

R.T.: 5.544 min
Delta R.T.: -0.006 min
Response: 5585984
Conc: 23.62 ng/ml



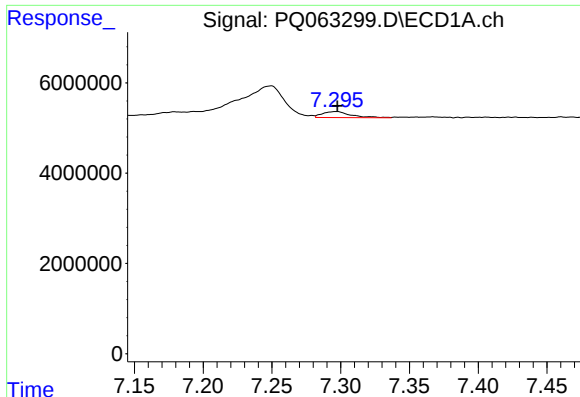
#34 AR-1260-4

R.T.: 6.963 min
Delta R.T.: -0.023 min
Response: 4947008
Conc: 20.75 ng/ml



#34 AR-1260-4

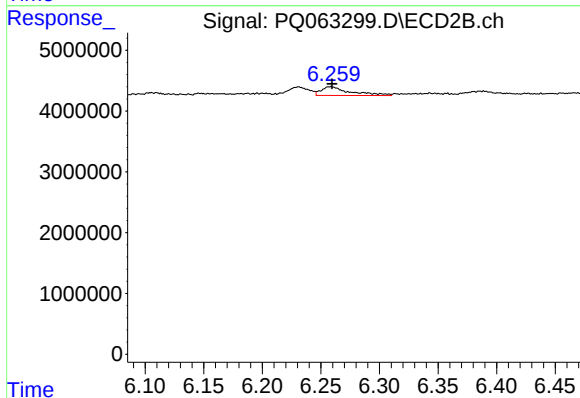
R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 465156
Conc: 2.44 ng/ml



#35 AR-1260-5

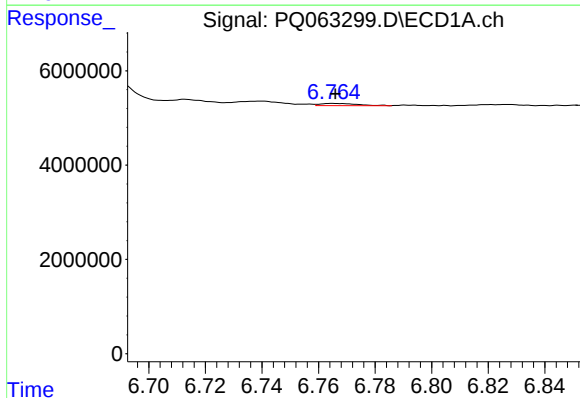
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 1919468
Conc: 4.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



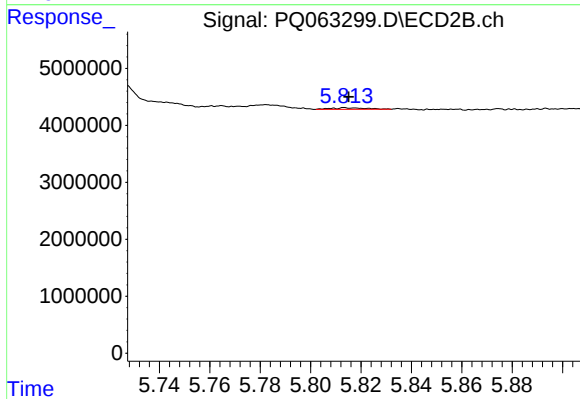
#35 AR-1260-5

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 2476512
Conc: 5.66 ng/ml



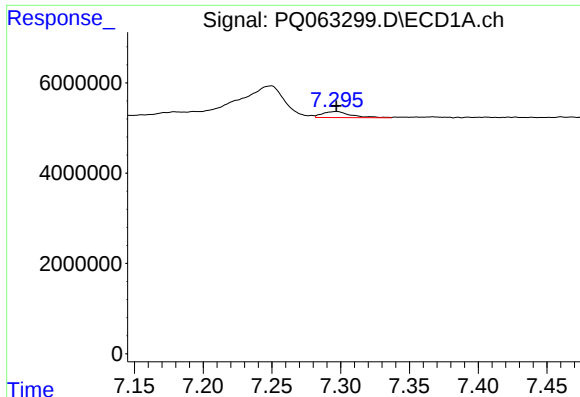
#36 AR-1262-1

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 443268
Conc: 1.42 ng/ml



#36 AR-1262-1

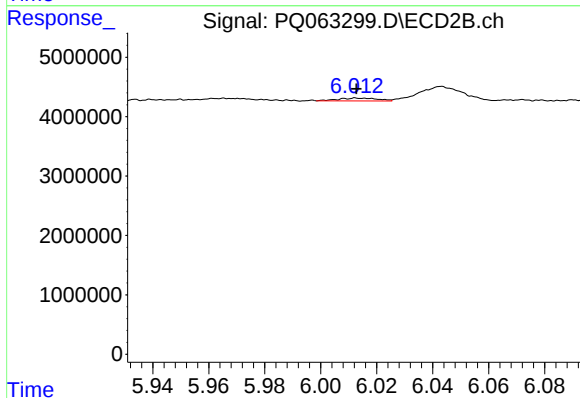
R.T.: 5.814 min
Delta R.T.: -0.001 min
Response: 257253
Conc: 2.45 ng/ml



#37 AR-1262-2

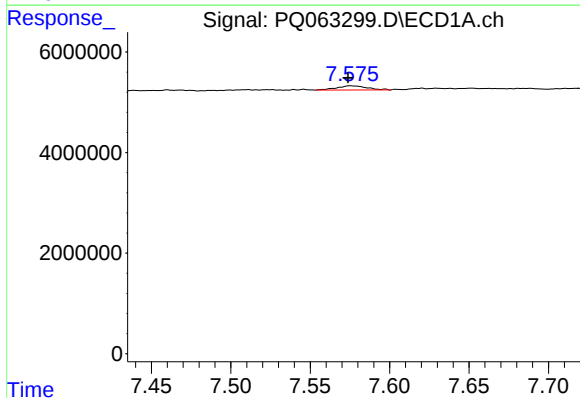
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 1919468
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



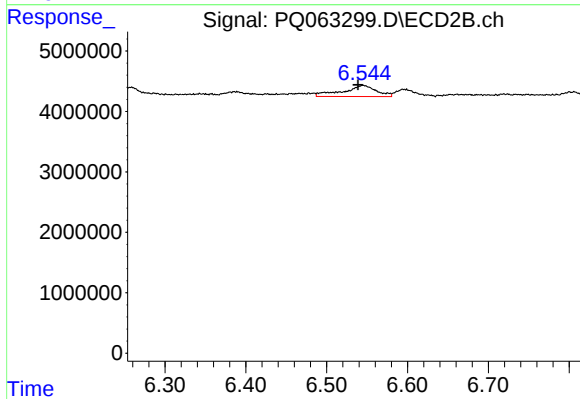
#37 AR-1262-2

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 465156
Conc: 2.00 ng/ml



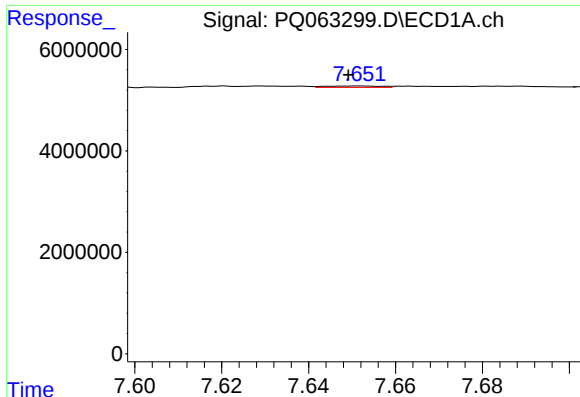
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 1090929
Conc: 3.15 ng/ml



#38 AR-1262-3

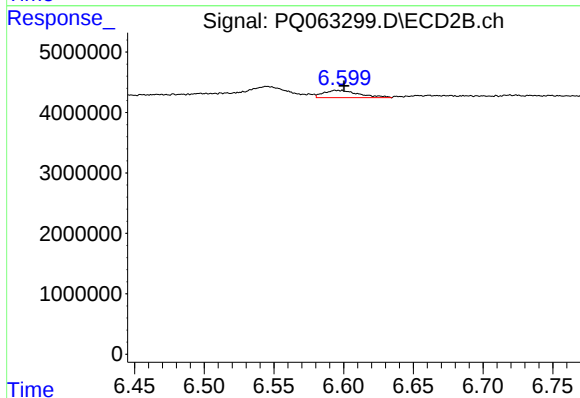
R.T.: 6.545 min
Delta R.T.: 0.006 min
Response: 5252008
Conc: 27.34 ng/ml



#39 AR-1262-4

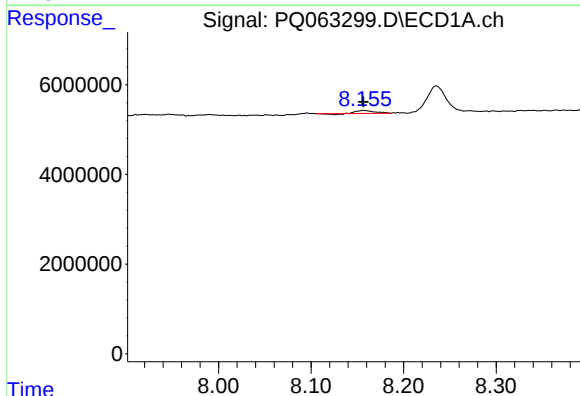
R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 249733
Conc: 0.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



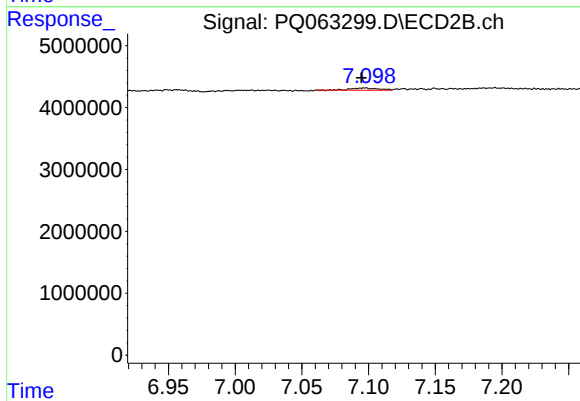
#39 AR-1262-4

R.T.: 6.595 min
Delta R.T.: -0.006 min
Response: 2108185
Conc: 6.03 ng/ml



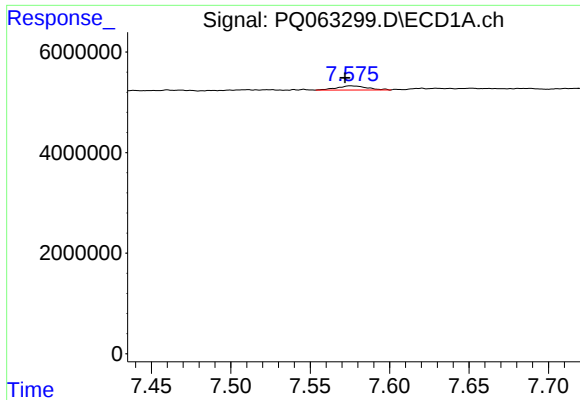
#40 AR-1262-5

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 795457
Conc: 4.64 ng/ml



#40 AR-1262-5

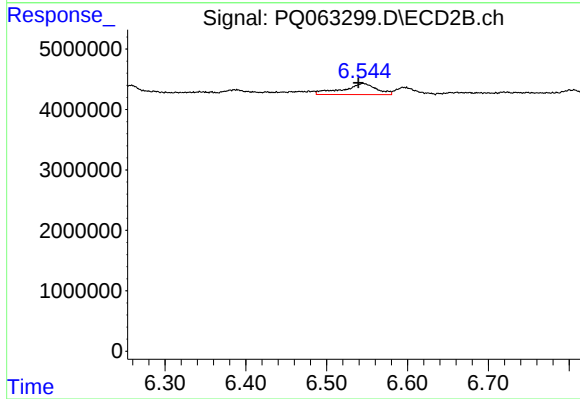
R.T.: 7.097 min
Delta R.T.: 0.003 min
Response: 495927
Conc: 2.99 ng/ml



#41 AR-1268-1

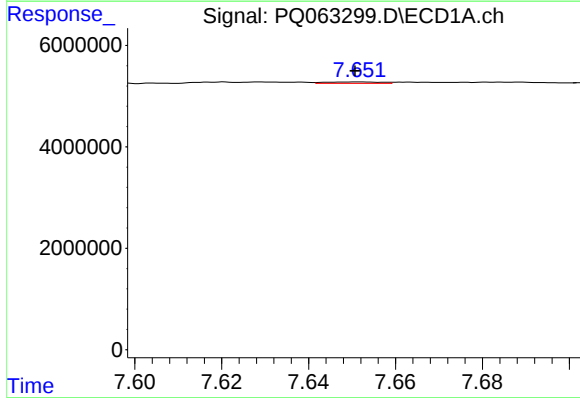
R.T.: 7.576 min
Delta R.T.: 0.004 min
Response: 1090929
Conc: 1.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



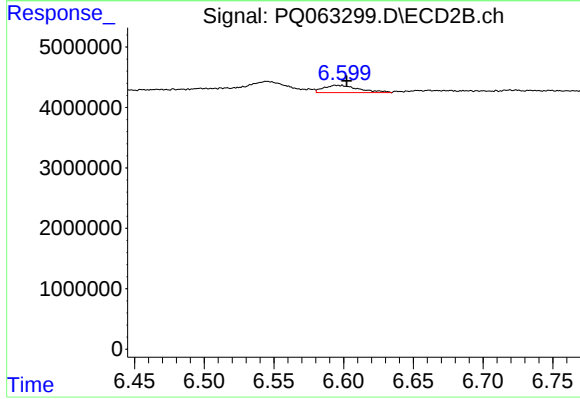
#41 AR-1268-1

R.T.: 6.545 min
Delta R.T.: 0.006 min
Response: 5252008
Conc: 9.37 ng/ml



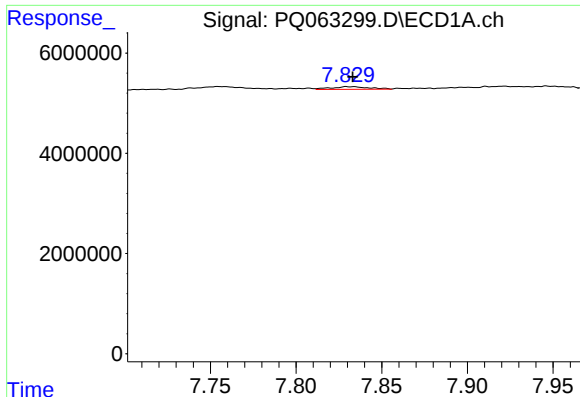
#42 AR-1268-2

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 249733
Conc: 0.44 ng/ml



#42 AR-1268-2

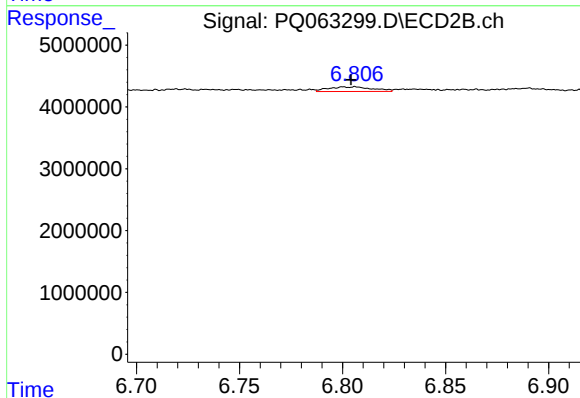
R.T.: 6.595 min
Delta R.T.: -0.008 min
Response: 2108185
Conc: 4.24 ng/ml



#43 AR-1268-3

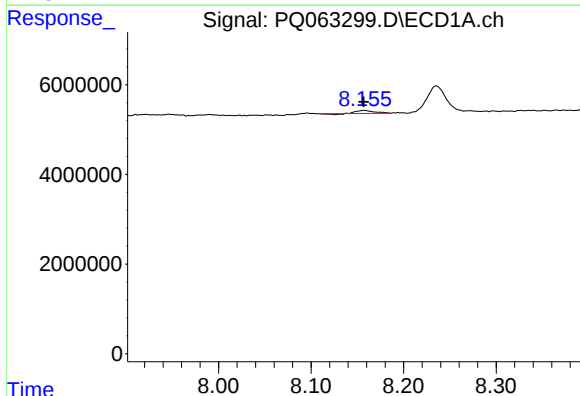
R.T.: 7.830 min
Delta R.T.: -0.003 min
Response: 778393
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



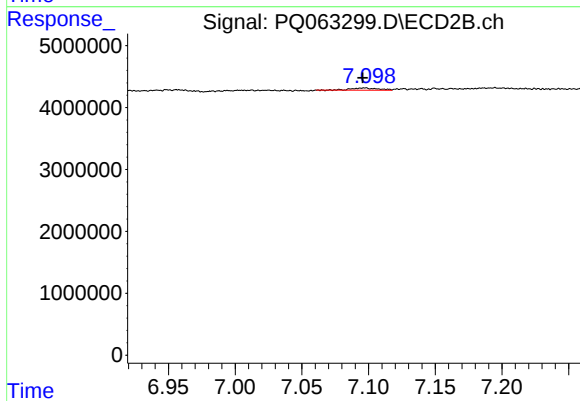
#43 AR-1268-3

R.T.: 6.806 min
Delta R.T.: 0.002 min
Response: 1125527
Conc: 2.64 ng/ml



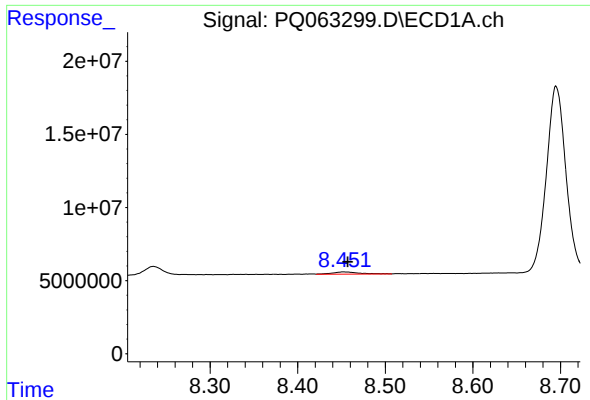
#44 AR-1268-4

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 795457
Conc: 4.13 ng/ml



#44 AR-1268-4

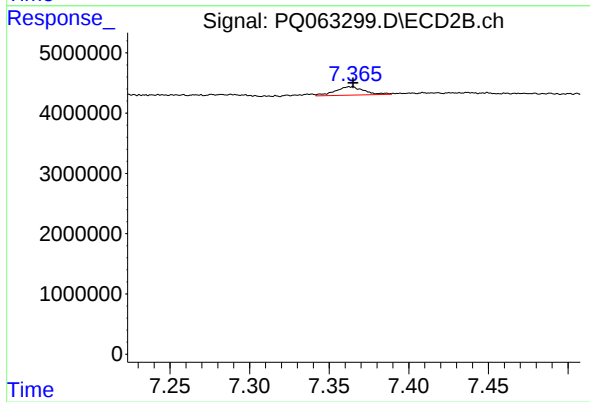
R.T.: 7.097 min
Delta R.T.: 0.002 min
Response: 495927
Conc: 2.68 ng/ml



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: -0.005 min
Response: 3060299
Conc: 2.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 1757550
Conc: 1.34 ng/ml