

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
 Data File : PQ059496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 10:00
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:42:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 2022
 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...	3.483	2.830	263.2E6	180.8E6	19.117	19.955
2)	SA Decachlor...	8.654	7.607	211.0E6	306.5E6	42.490	40.140
Target Compounds							
3)	L1 AR-1016-1	4.582	3.837	9102728	3820985	21.705	13.550 #
4)	L1 AR-1016-2	4.604	3.853	12233652	3256535	19.733	7.667 #
5)	L1 AR-1016-3	4.661	4.016	8340751	2585999	21.133	11.627 #
6)	L1 AR-1016-4	4.752	4.061	8627181	76151421	26.200	445.425 #
7)	L1 AR-1016-5	5.038	4.258	77095476	49461150	245.769	219.538
8)	L2 AR-1221-1	0.000	3.040	0	121512	N.D.	1.223 #
9)	L2 AR-1221-2	3.763	3.102	4172137	2736467	40.312	39.978
10)	L2 AR-1221-3	3.832	3.177	1963585	1393750	5.898	6.077
11)	L3 AR-1232-1	3.832	3.177	1963585	1393750	6.977	7.238
12)	L3 AR-1232-2	4.324	3.853	7255947	3256535	49.389	17.290 #
13)	L3 AR-1232-3	4.604	4.016	12233652	2585999	42.868	26.518 #
14)	L3 AR-1232-4	4.752	4.098	8627181	21563185	57.662	264.152 #
15)	L3 AR-1232-5	4.847	4.258	119.3E6	49461150	1136.201	517.997 #
16)	L4 AR-1242-1	4.582	3.837	9102728	3820985	26.131	16.466 #
17)	L4 AR-1242-2	4.604	3.853	12233652	3256535	23.917	9.342 #
18)	L4 AR-1242-3	4.661	4.016	8340751	2585999	25.792	14.152 #
19)	L4 AR-1242-4	4.752	4.098	8627181	21563185	32.016	127.840 #
20)	L4 AR-1242-5	5.468	4.595	63071378	189.8E6	234.681	858.132 #
21)	L5 AR-1248-1	4.582	3.837	9102728	3820985	34.320	21.492 #
22)	L5 AR-1248-2	4.847	4.061	119.3E6	76151421	334.507	301.641
23)	L5 AR-1248-3	5.038	4.098	77095476	21563185	179.510	85.406 #
24)	L5 AR-1248-4	5.430	4.258	94608587	49461150	203.540	158.356
25)	L5 AR-1248-5	5.468	4.633	63071378	22893876	137.010	72.864 #
26)	L6 AR-1254-1	5.403	4.595	200.8E6	189.8E6	418.646	388.277
27)	L6 AR-1254-2	5.619	4.740	306.3E6	165.4E6	411.863	381.846
28)	L6 AR-1254-3	5.972	5.123	326.5E6	270.0E6	417.343	389.621
29)	L6 AR-1254-4	6.255	5.349	225.7E6	165.8E6	412.967	385.202
30)	L6 AR-1254-5	6.666	5.754	248.4E6	240.8E6	418.956	389.056
31)	L7 AR-1260-1	6.136	5.254	127.6E6	128.6E6	229.429	285.386
32)	L7 AR-1260-2	6.394	5.440	128.2E6	107.3E6	200.865	195.068
33)	L7 AR-1260-3	6.745	5.581	9642729	107.5E6	21.562	207.251 #
34)	L7 AR-1260-4	6.944	6.045	96721053	12356846	200.587	27.955 #
35)	L7 AR-1260-5	7.273	6.289	30426375	26536819	34.510	26.020
36)	L8 AR-1262-1	6.745	5.818	9642729	19385486	13.868	30.421 #
37)	L8 AR-1262-2	7.273	6.289	30426375	26536819	27.991	22.688
38)	L8 AR-1262-3	7.553	6.570	23323976	3818492	35.084	8.292 #
39)	L8 AR-1262-4	7.621	6.624	1130769	27910462	3.595	31.848 #
40)	L8 AR-1262-5	8.123	7.119	1035308	1330379	3.627	3.348
41)	L9 AR-1268-1	7.553	6.570	23323976	3818492	19.966	2.714 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
Data File : PQ059496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2022 10:00
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

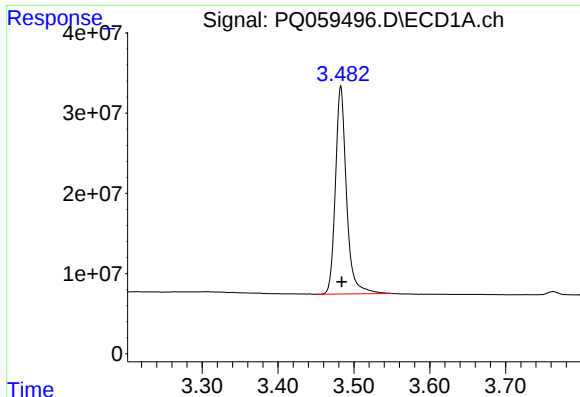
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 23:42:55 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 06 10:42:33 2022
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	7.621	6.624	1130769	27910462	1.081	21.571 #
43)	L9 AR-1268-3	7.806	6.832	1370934	879899	1.631	0.797 #
44)	L9 AR-1268-4	8.123	7.119	1035308	1330379	3.206	2.937
45)	L9 AR-1268-5	8.418	7.388	1829746	4804149	0.812	1.343 #

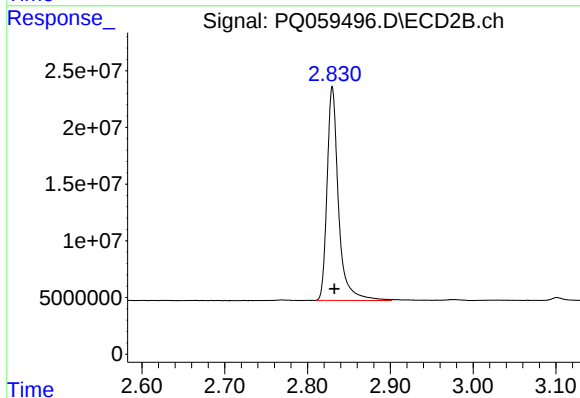
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

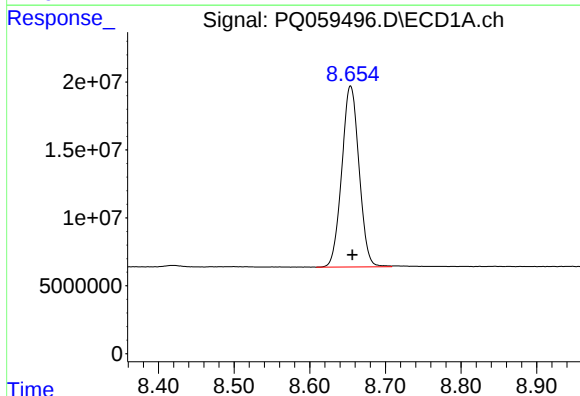
R.T.: 3.483 min
Delta R.T.: -0.001 min
Response: 263221709
Conc: 19.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



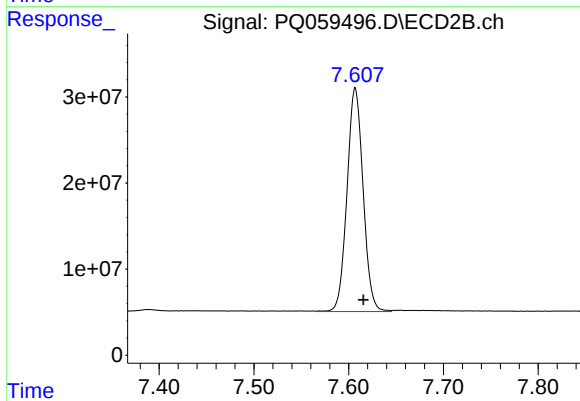
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: -0.003 min
Response: 180757847
Conc: 19.95 ng/ml



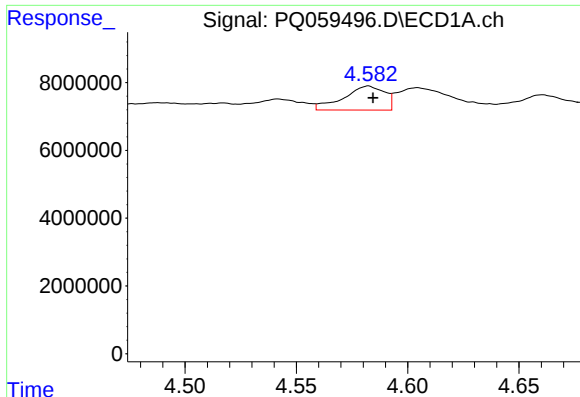
#2 Decachlorobiphenyl

R.T.: 8.654 min
Delta R.T.: -0.003 min
Response: 211008205
Conc: 42.49 ng/ml



#2 Decachlorobiphenyl

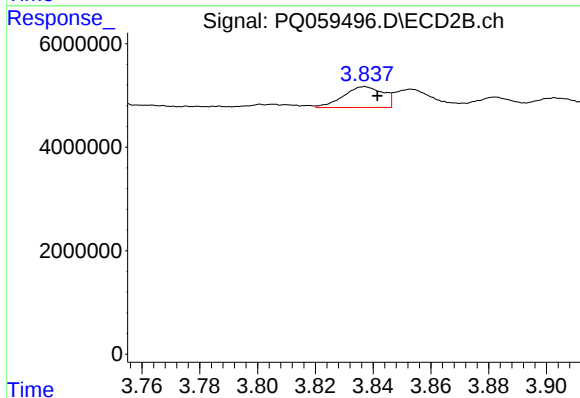
R.T.: 7.607 min
Delta R.T.: -0.009 min
Response: 306518248
Conc: 40.14 ng/ml



#3 AR-1016-1

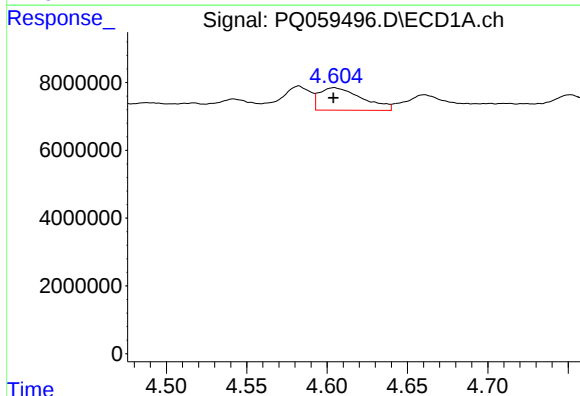
R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 9102728
Conc: 21.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



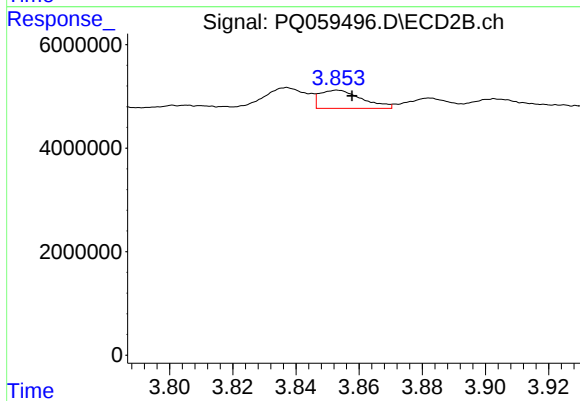
#3 AR-1016-1

R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 3820985
Conc: 13.55 ng/ml



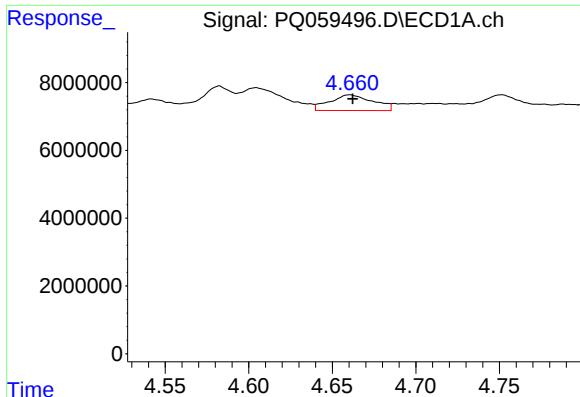
#4 AR-1016-2

R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 12233652
Conc: 19.73 ng/ml



#4 AR-1016-2

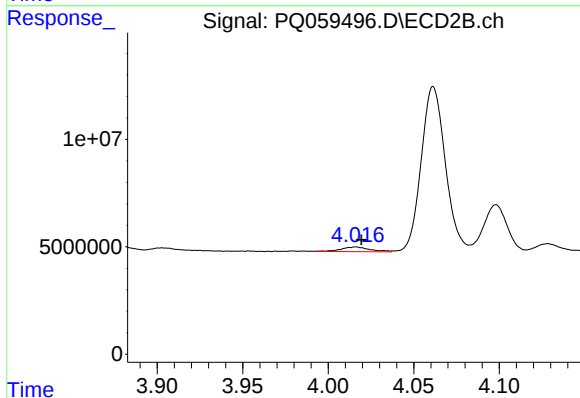
R.T.: 3.853 min
Delta R.T.: -0.005 min
Response: 3256535
Conc: 7.67 ng/ml



#5 AR-1016-3

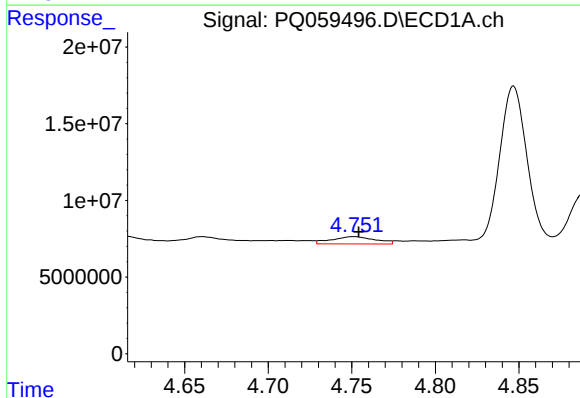
R.T.: 4.661 min
Delta R.T.: -0.002 min
Response: 8340751
Conc: 21.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



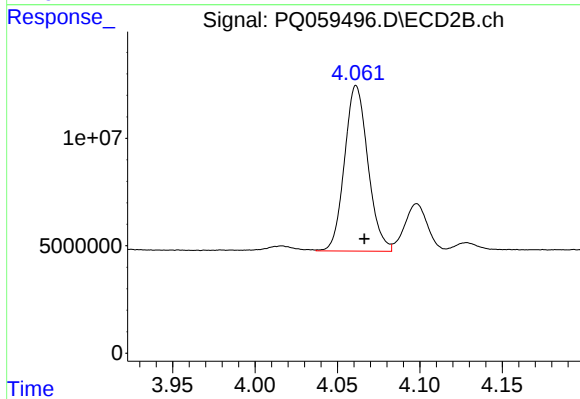
#5 AR-1016-3

R.T.: 4.016 min
Delta R.T.: -0.003 min
Response: 2585999
Conc: 11.63 ng/ml



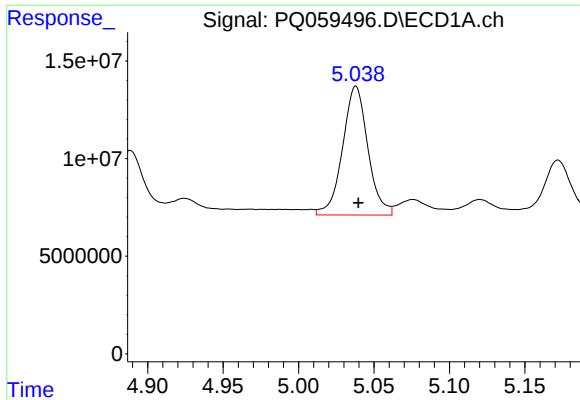
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 8627181
Conc: 26.20 ng/ml



#6 AR-1016-4

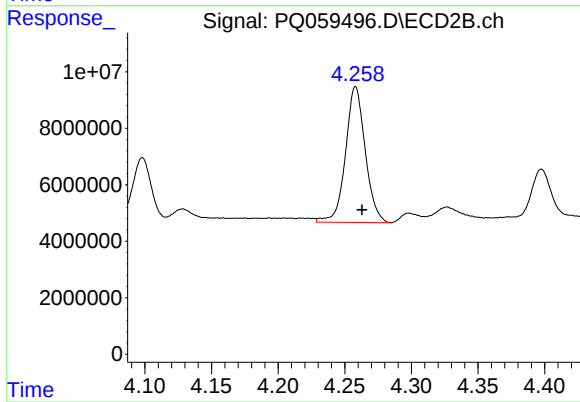
R.T.: 4.061 min
Delta R.T.: -0.005 min
Response: 76151421
Conc: 445.43 ng/ml



#7 AR-1016-5

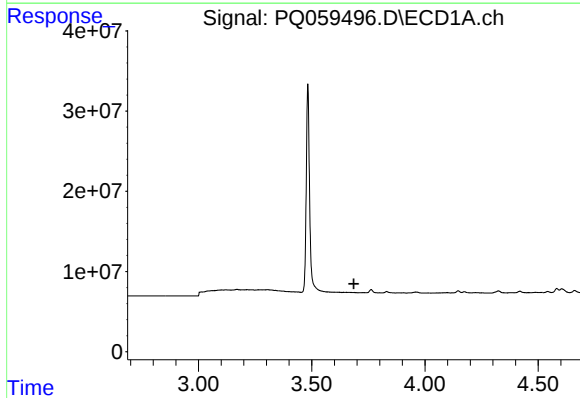
R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 77095476
Conc: 245.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



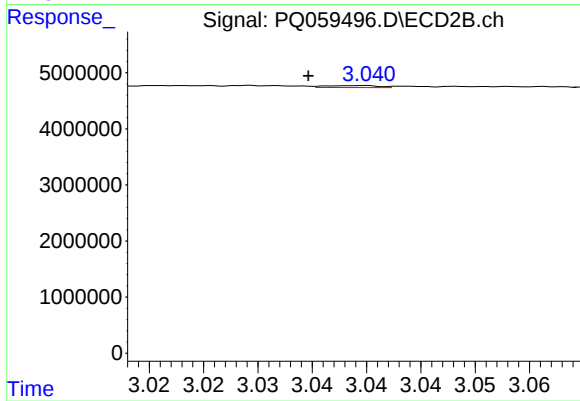
#7 AR-1016-5

R.T.: 4.258 min
Delta R.T.: -0.005 min
Response: 49461150
Conc: 219.54 ng/ml



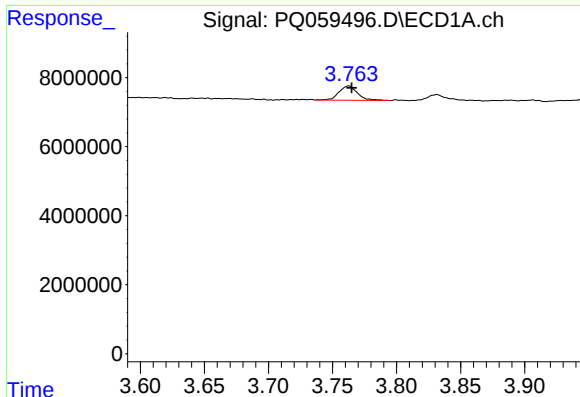
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.686 min
Response: 0
Conc: N.D.



#8 AR-1221-1

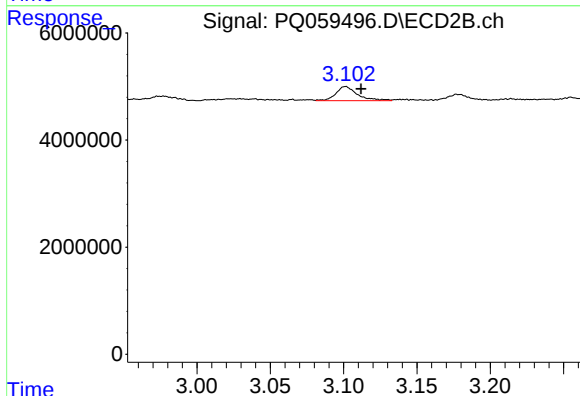
R.T.: 3.040 min
Delta R.T.: 0.005 min
Response: 121512
Conc: 1.22 ng/ml



#9 AR-1221-2

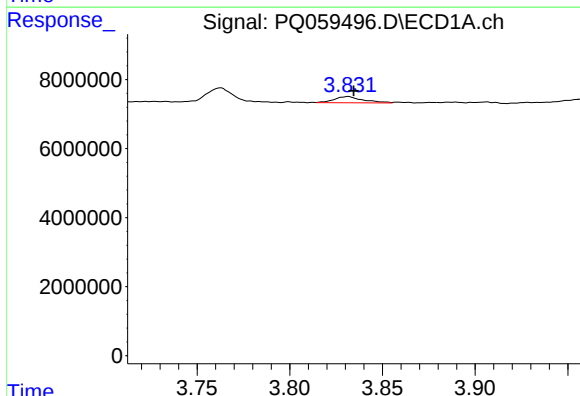
R.T.: 3.763 min
Delta R.T.: -0.002 min
Response: 4172137
Conc: 40.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



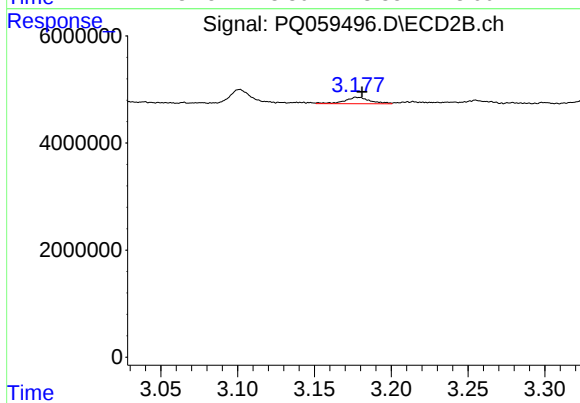
#9 AR-1221-2

R.T.: 3.102 min
Delta R.T.: -0.010 min
Response: 2736467
Conc: 39.98 ng/ml



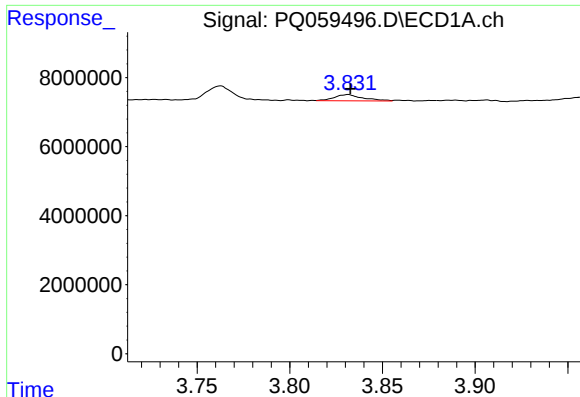
#10 AR-1221-3

R.T.: 3.832 min
Delta R.T.: -0.003 min
Response: 1963585
Conc: 5.90 ng/ml



#10 AR-1221-3

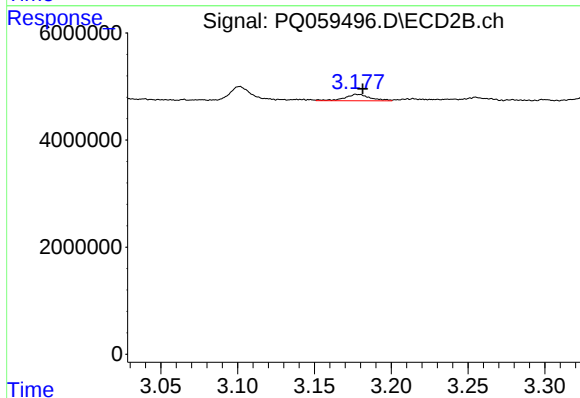
R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 1393750
Conc: 6.08 ng/ml



#11 AR-1232-1

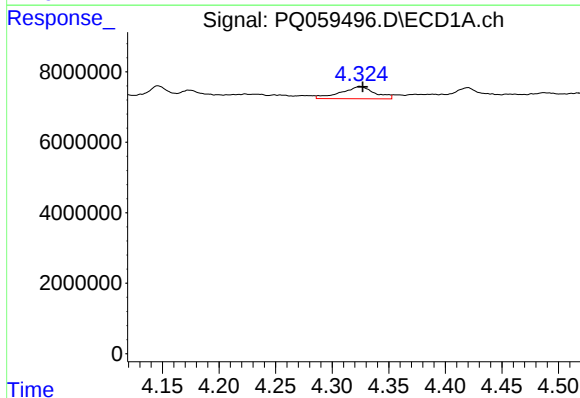
R.T.: 3.832 min
Delta R.T.: -0.001 min
Response: 1963585
Conc: 6.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



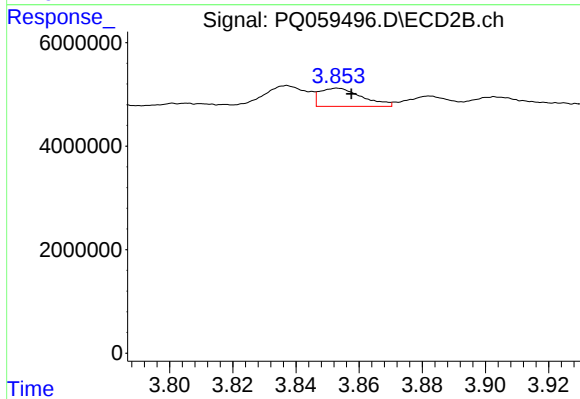
#11 AR-1232-1

R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 1393750
Conc: 7.24 ng/ml



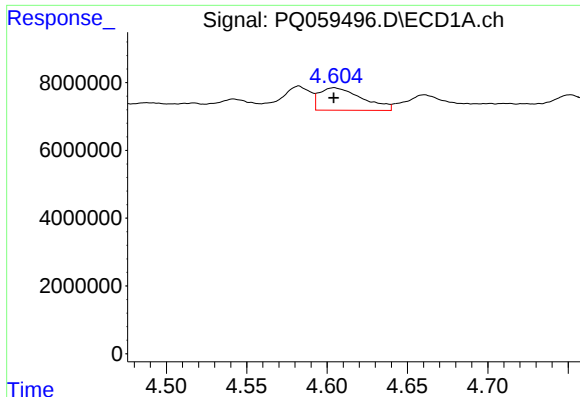
#12 AR-1232-2

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 7255947
Conc: 49.39 ng/ml



#12 AR-1232-2

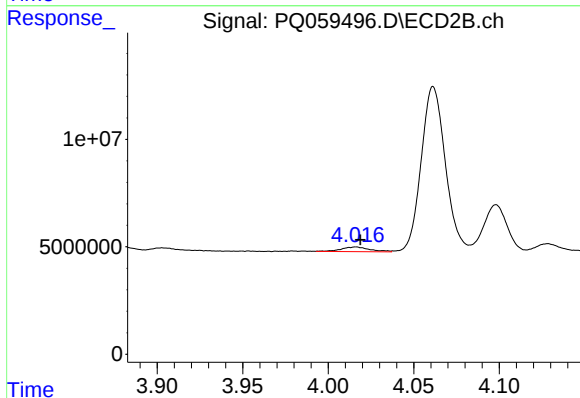
R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 3256535
Conc: 17.29 ng/ml



#13 AR-1232-3

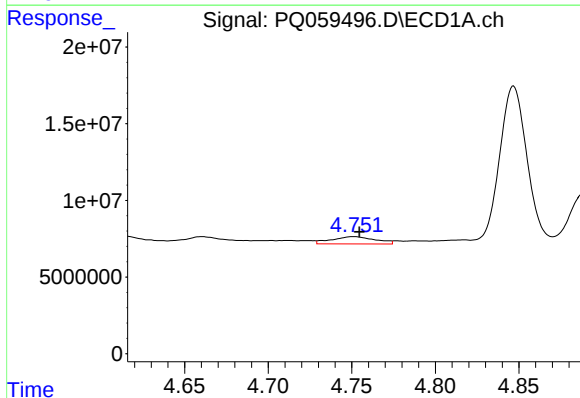
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 12233652
Conc: 42.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



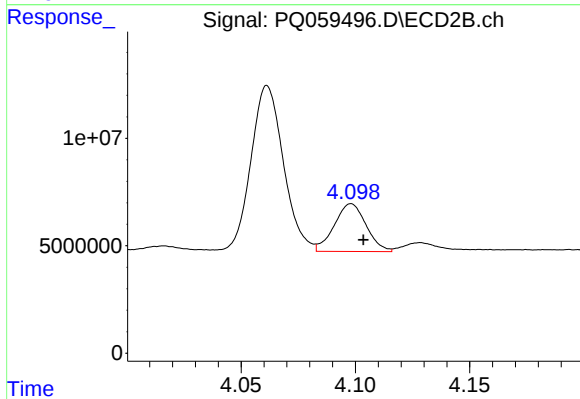
#13 AR-1232-3

R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 2585999
Conc: 26.52 ng/ml



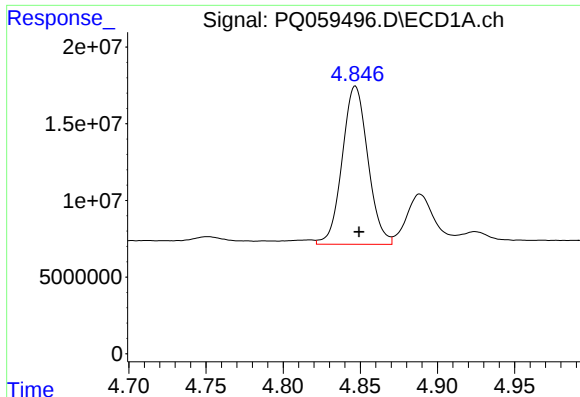
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 8627181
Conc: 57.66 ng/ml



#14 AR-1232-4

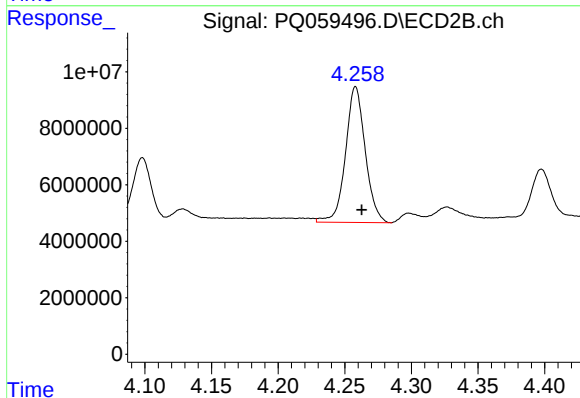
R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 21563185
Conc: 264.15 ng/ml



#15 AR-1232-5

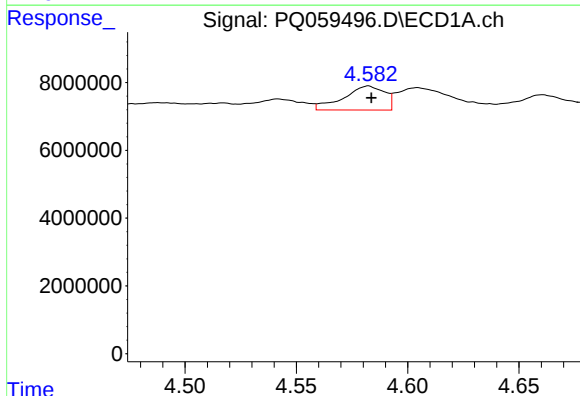
R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 119256583
Conc: 1136.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



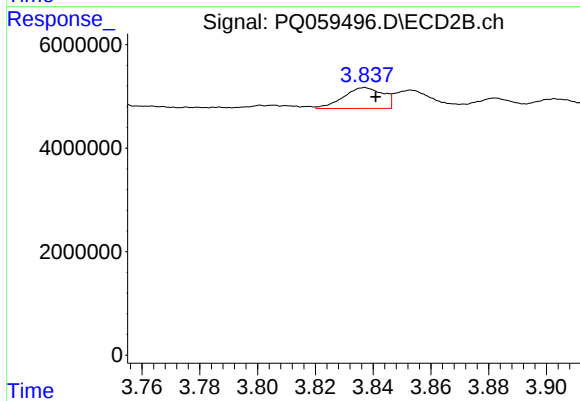
#15 AR-1232-5

R.T.: 4.258 min
Delta R.T.: -0.005 min
Response: 49461150
Conc: 518.00 ng/ml



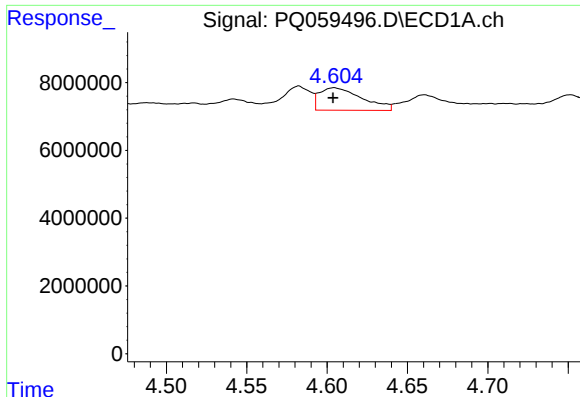
#16 AR-1242-1

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 9102728
Conc: 26.13 ng/ml



#16 AR-1242-1

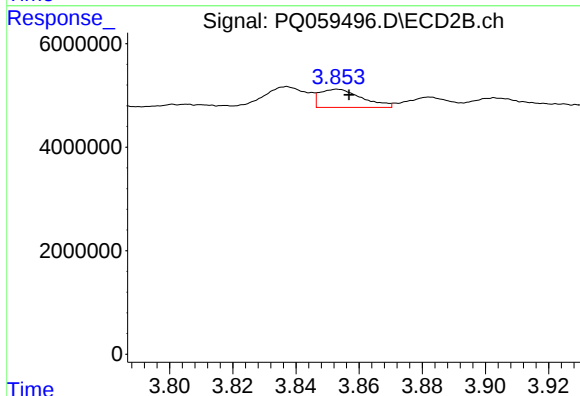
R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 3820985
Conc: 16.47 ng/ml



#17 AR-1242-2

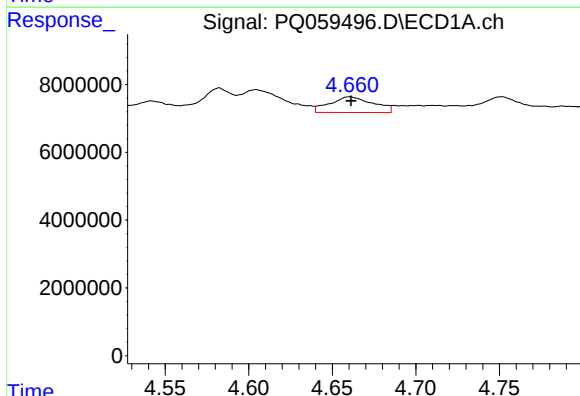
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 12233652
Conc: 23.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



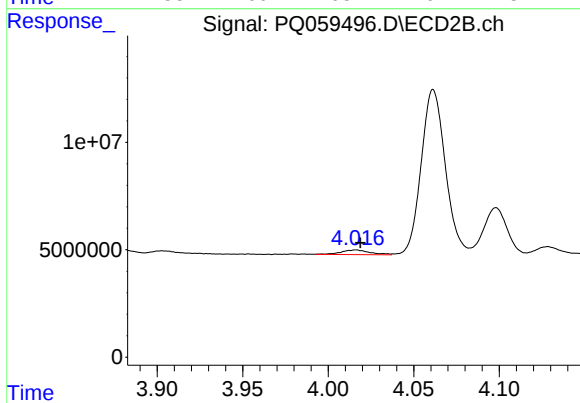
#17 AR-1242-2

R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 3256535
Conc: 9.34 ng/ml



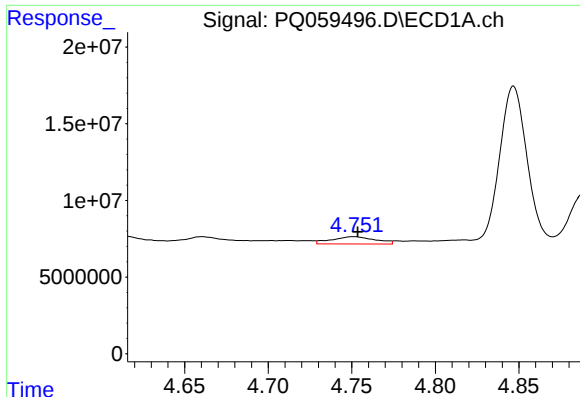
#18 AR-1242-3

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 8340751
Conc: 25.79 ng/ml



#18 AR-1242-3

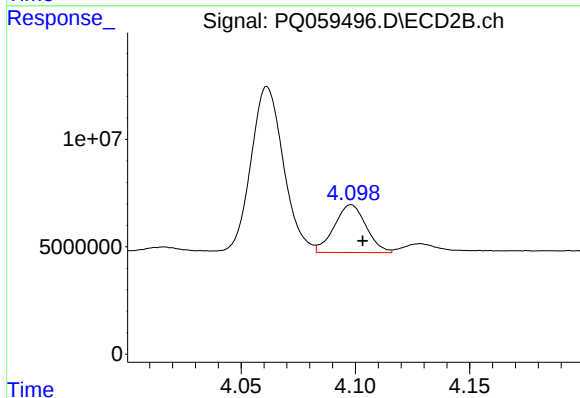
R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 2585999
Conc: 14.15 ng/ml



#19 AR-1242-4

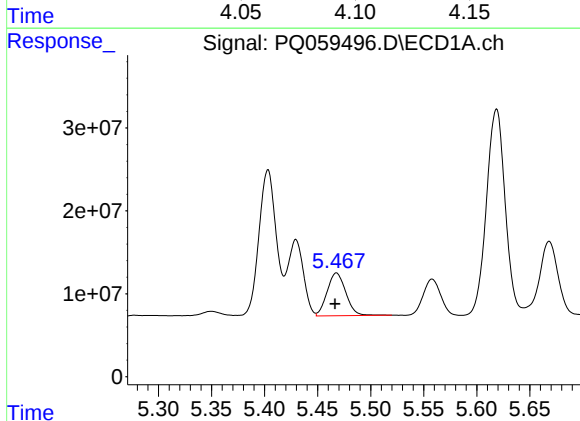
R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 8627181
Conc: 32.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



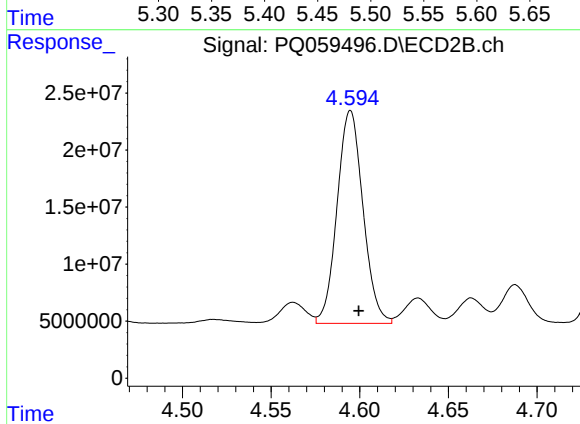
#19 AR-1242-4

R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 21563185
Conc: 127.84 ng/ml



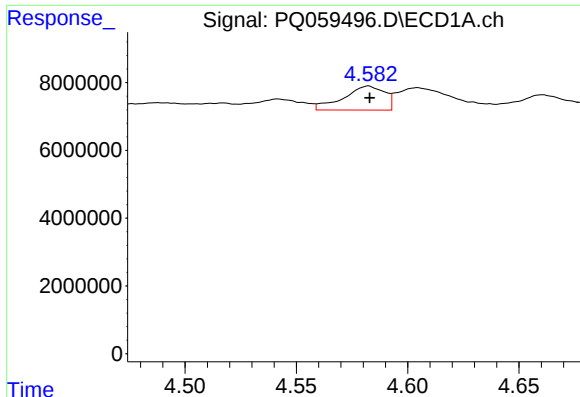
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.001 min
Response: 63071378
Conc: 234.68 ng/ml



#20 AR-1242-5

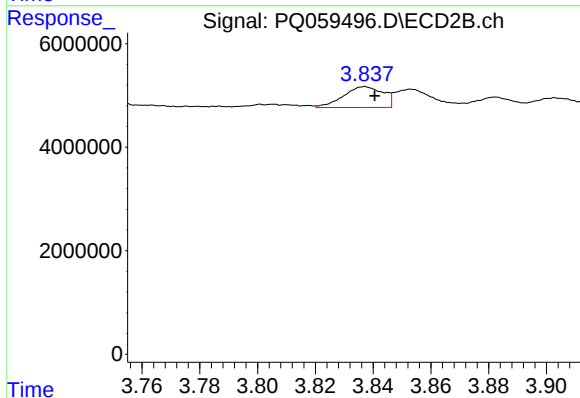
R.T.: 4.595 min
Delta R.T.: -0.005 min
Response: 189824431
Conc: 858.13 ng/ml



#21 AR-1248-1

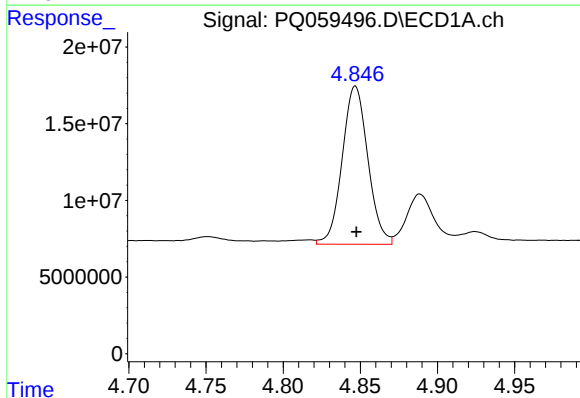
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 9102728
Conc: 34.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



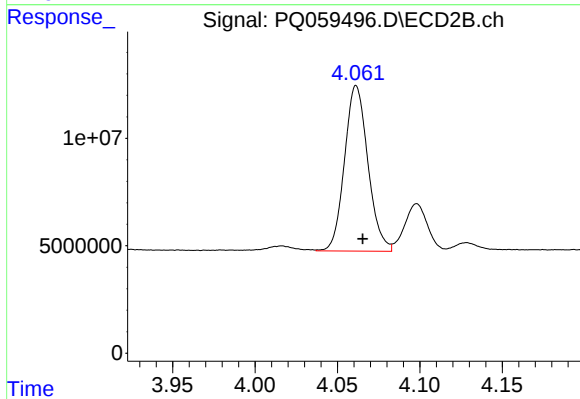
#21 AR-1248-1

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 3820985
Conc: 21.49 ng/ml



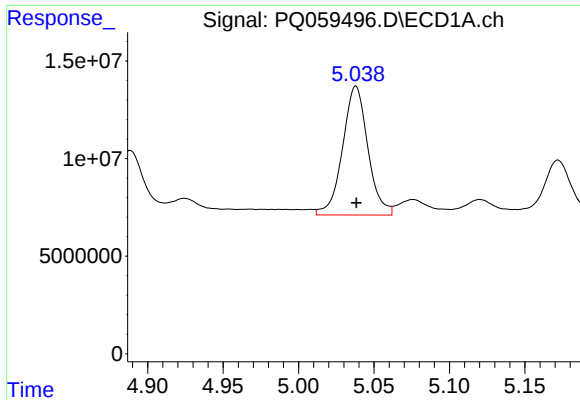
#22 AR-1248-2

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 119256583
Conc: 334.51 ng/ml



#22 AR-1248-2

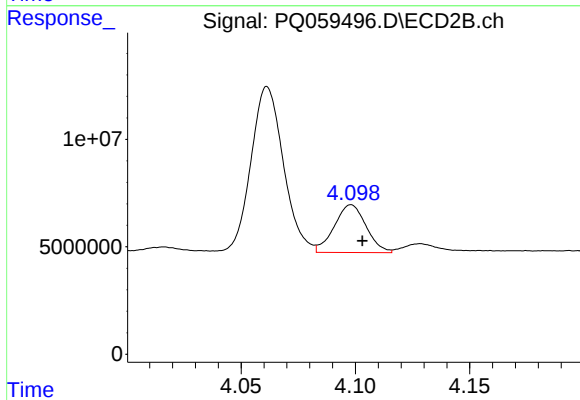
R.T.: 4.061 min
Delta R.T.: -0.004 min
Response: 76151421
Conc: 301.64 ng/ml



#23 AR-1248-3

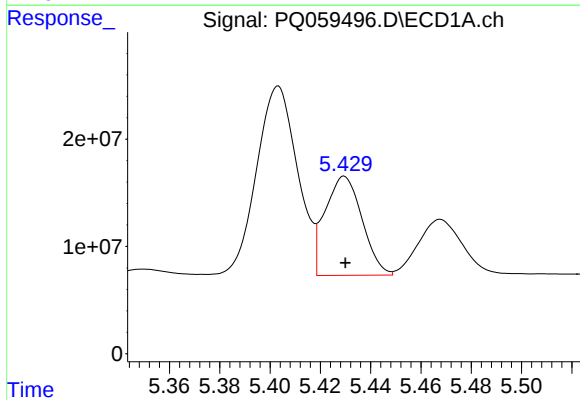
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 77095476
Conc: 179.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



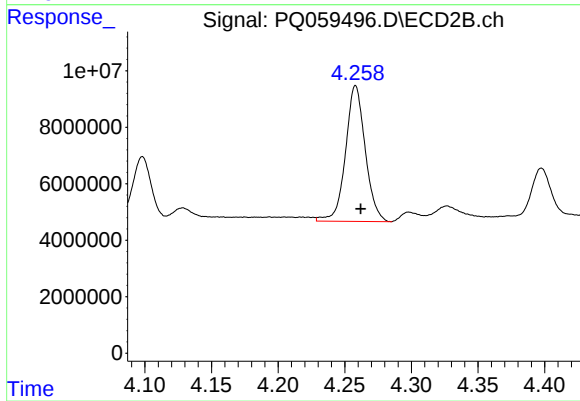
#23 AR-1248-3

R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 21563185
Conc: 85.41 ng/ml



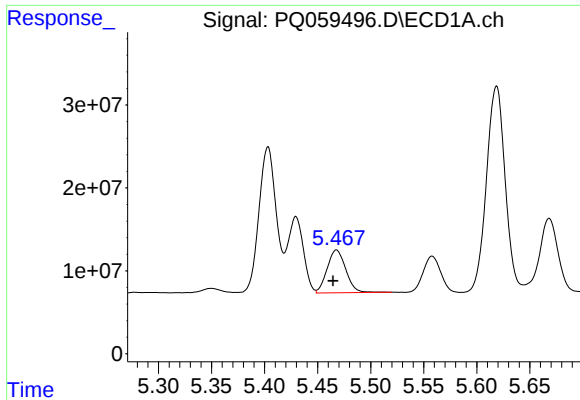
#24 AR-1248-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 94608587
Conc: 203.54 ng/ml



#24 AR-1248-4

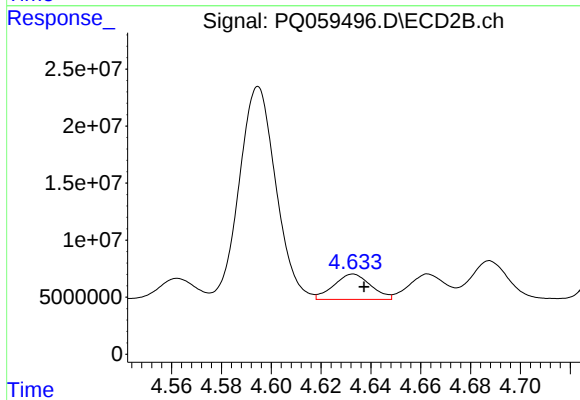
R.T.: 4.258 min
Delta R.T.: -0.004 min
Response: 49461150
Conc: 158.36 ng/ml



#25 AR-1248-5

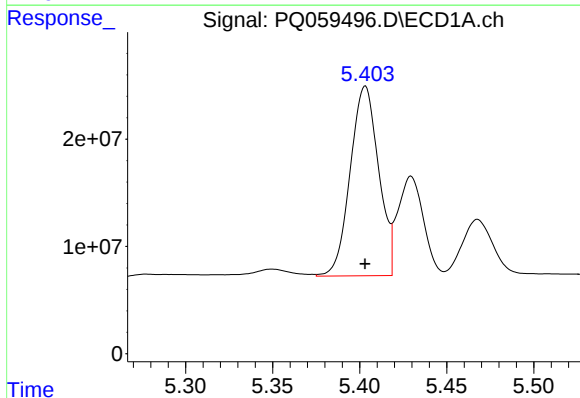
R.T.: 5.468 min
Delta R.T.: 0.003 min
Response: 63071378
Conc: 137.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



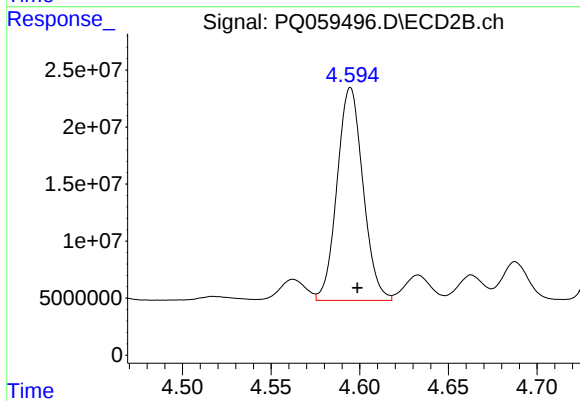
#25 AR-1248-5

R.T.: 4.633 min
Delta R.T.: -0.004 min
Response: 22893876
Conc: 72.86 ng/ml



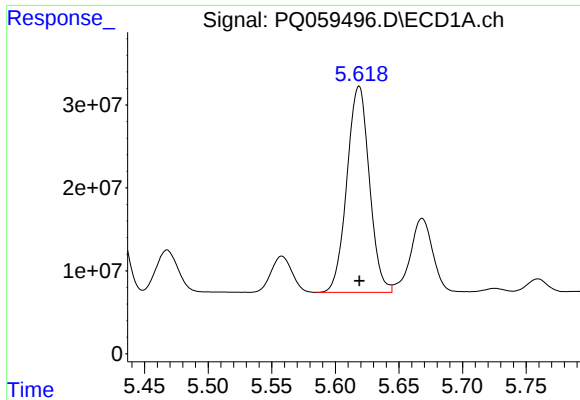
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 200778718
Conc: 418.65 ng/ml



#26 AR-1254-1

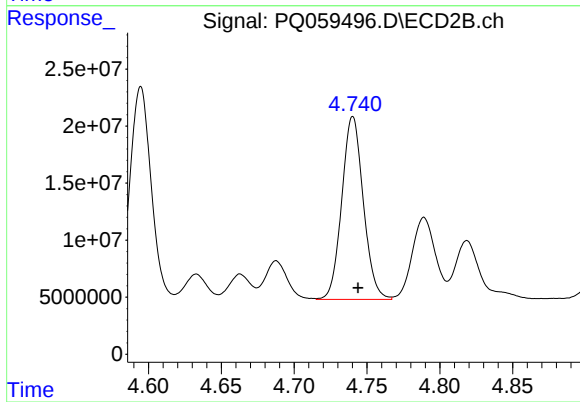
R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 189824431
Conc: 388.28 ng/ml



#27 AR-1254-2

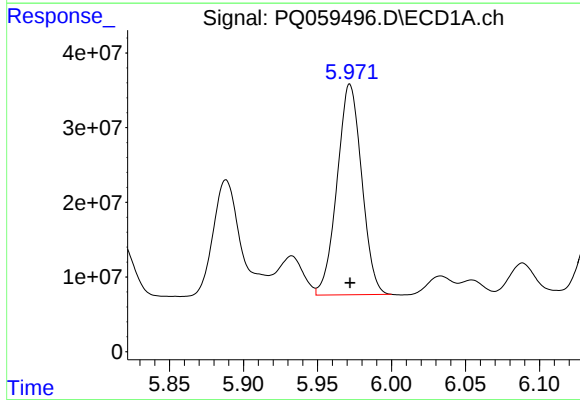
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 306330067
Conc: 411.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



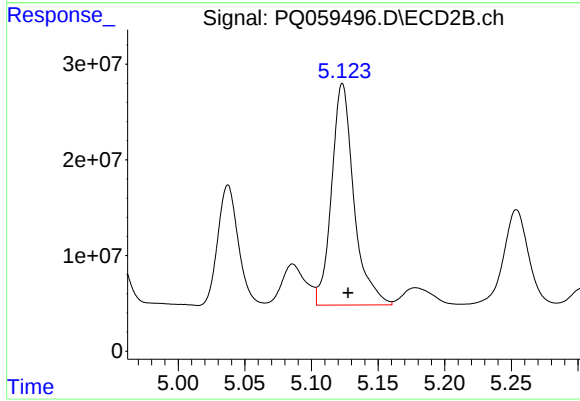
#27 AR-1254-2

R.T.: 4.740 min
Delta R.T.: -0.004 min
Response: 165365296
Conc: 381.85 ng/ml



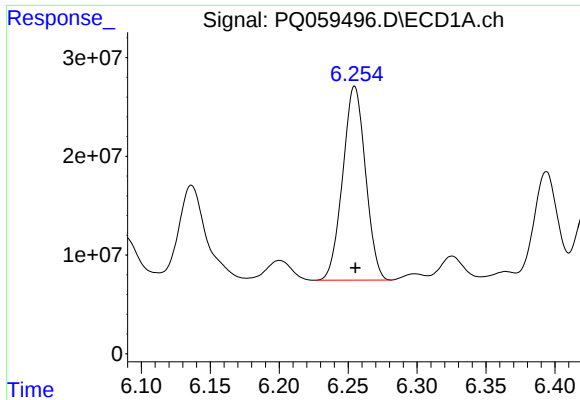
#28 AR-1254-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 326543112
Conc: 417.34 ng/ml



#28 AR-1254-3

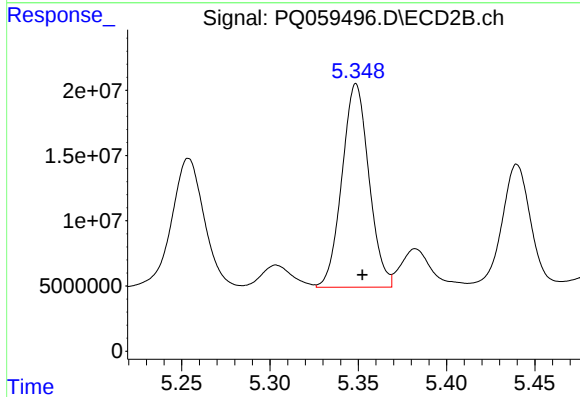
R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 269985711
Conc: 389.62 ng/ml



#29 AR-1254-4

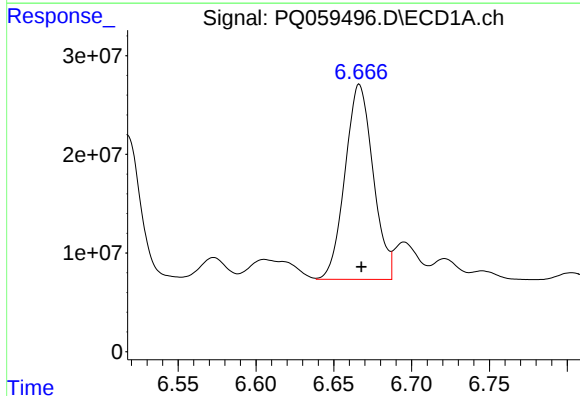
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 225746479
Conc: 412.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



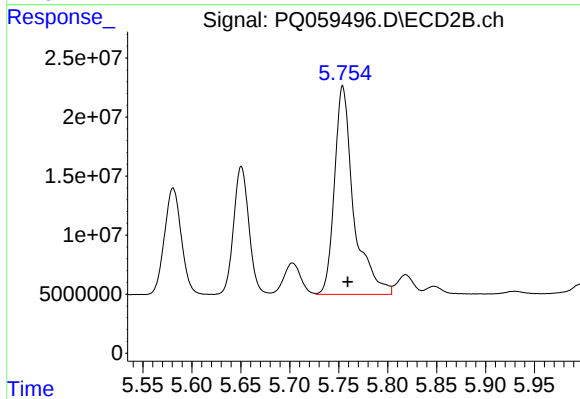
#29 AR-1254-4

R.T.: 5.349 min
Delta R.T.: -0.004 min
Response: 165831508
Conc: 385.20 ng/ml



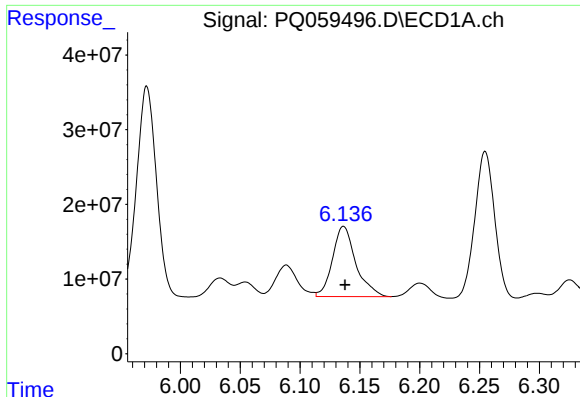
#30 AR-1254-5

R.T.: 6.666 min
Delta R.T.: -0.001 min
Response: 248381932
Conc: 418.96 ng/ml



#30 AR-1254-5

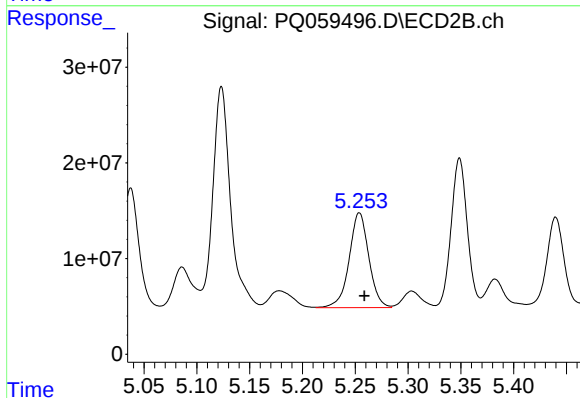
R.T.: 5.754 min
Delta R.T.: -0.005 min
Response: 240818291
Conc: 389.06 ng/ml



#31 AR-1260-1

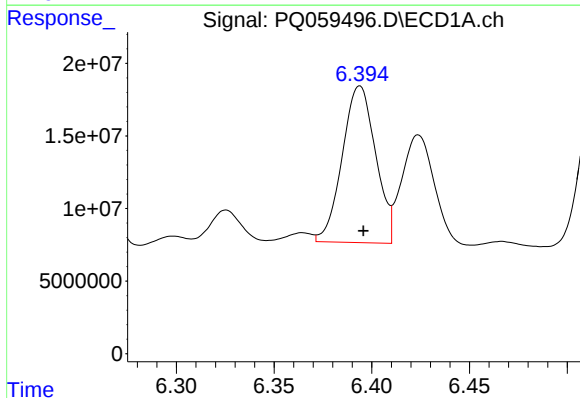
R.T.: 6.136 min
Delta R.T.: -0.001 min
Response: 127644359
Conc: 229.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



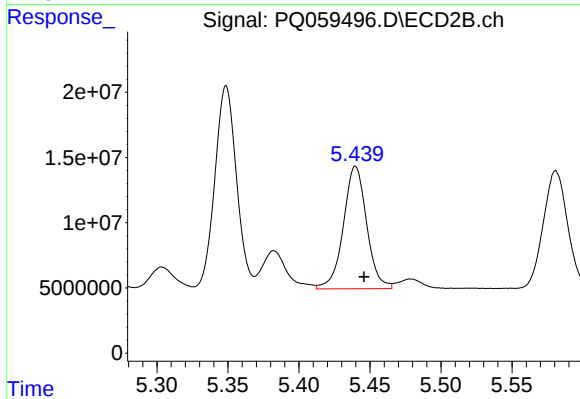
#31 AR-1260-1

R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 128584270
Conc: 285.39 ng/ml



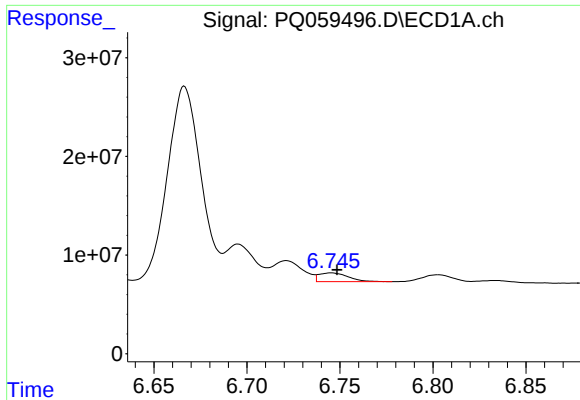
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 128237033
Conc: 200.86 ng/ml



#32 AR-1260-2

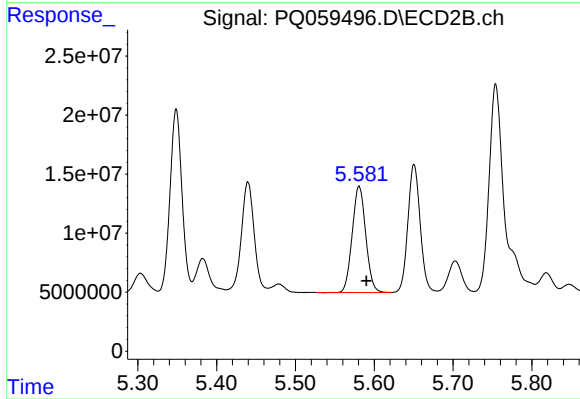
R.T.: 5.440 min
Delta R.T.: -0.006 min
Response: 107273684
Conc: 195.07 ng/ml



#33 AR-1260-3

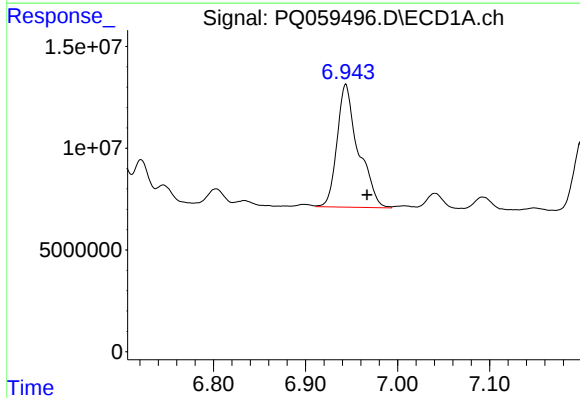
R.T.: 6.745 min
Delta R.T.: -0.003 min
Response: 9642729
Conc: 21.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



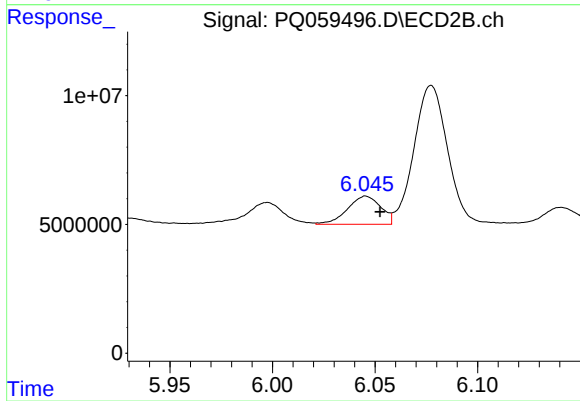
#33 AR-1260-3

R.T.: 5.581 min
Delta R.T.: -0.009 min
Response: 107518120
Conc: 207.25 ng/ml



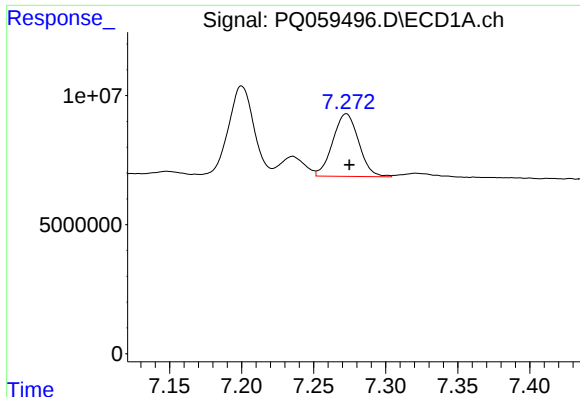
#34 AR-1260-4

R.T.: 6.944 min
Delta R.T.: -0.023 min
Response: 96721053
Conc: 200.59 ng/ml



#34 AR-1260-4

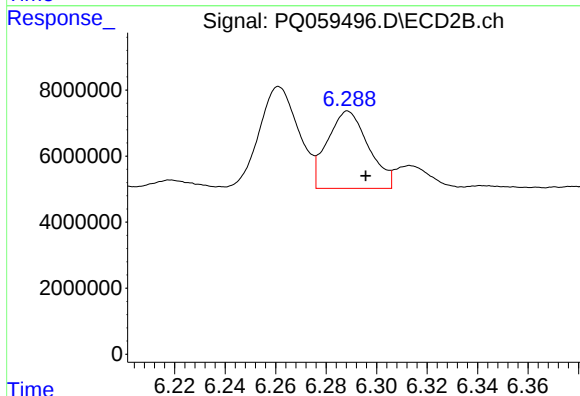
R.T.: 6.045 min
Delta R.T.: -0.007 min
Response: 12356846
Conc: 27.95 ng/ml



#35 AR-1260-5

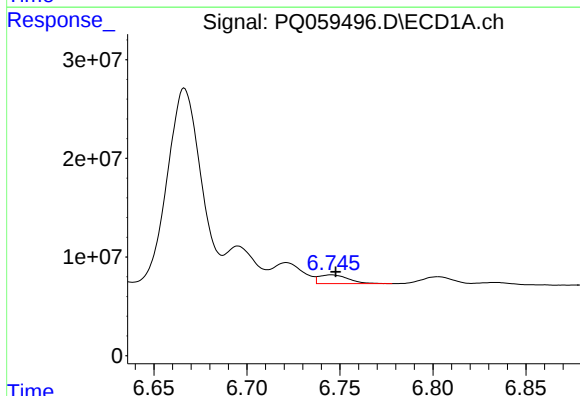
R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 30426375
Conc: 34.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



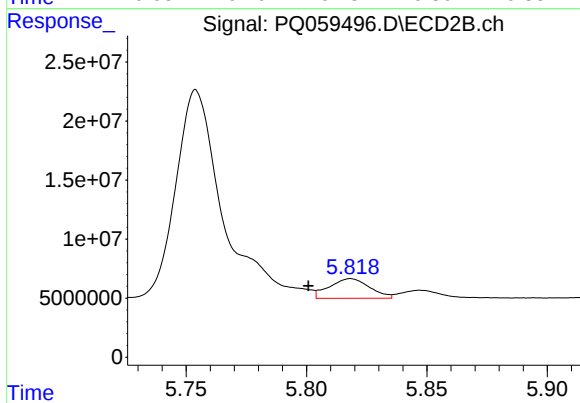
#35 AR-1260-5

R.T.: 6.289 min
Delta R.T.: -0.007 min
Response: 26536819
Conc: 26.02 ng/ml



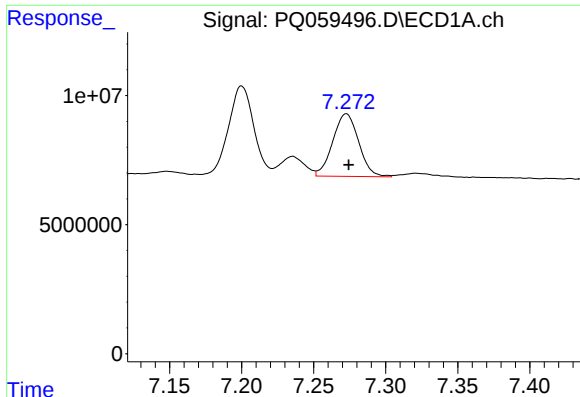
#36 AR-1262-1

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 9642729
Conc: 13.87 ng/ml



#36 AR-1262-1

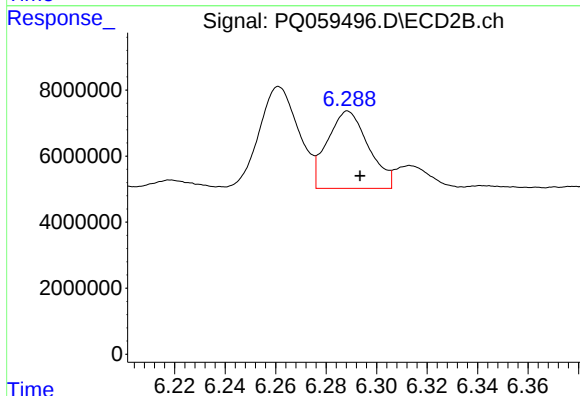
R.T.: 5.818 min
Delta R.T.: 0.018 min
Response: 19385486
Conc: 30.42 ng/ml



#37 AR-1262-2

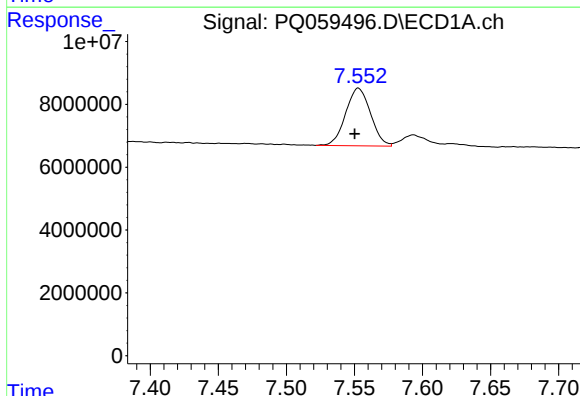
R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 30426375
Conc: 27.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



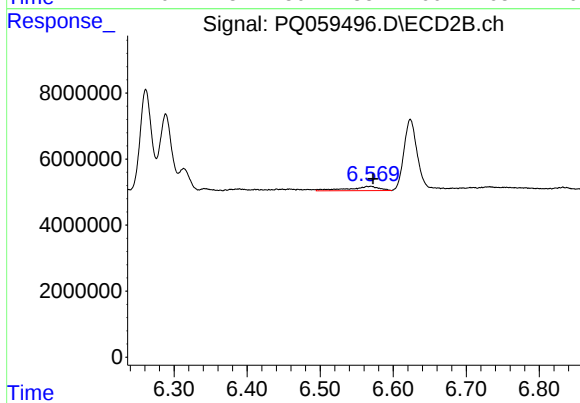
#37 AR-1262-2

R.T.: 6.289 min
Delta R.T.: -0.005 min
Response: 26536819
Conc: 22.69 ng/ml



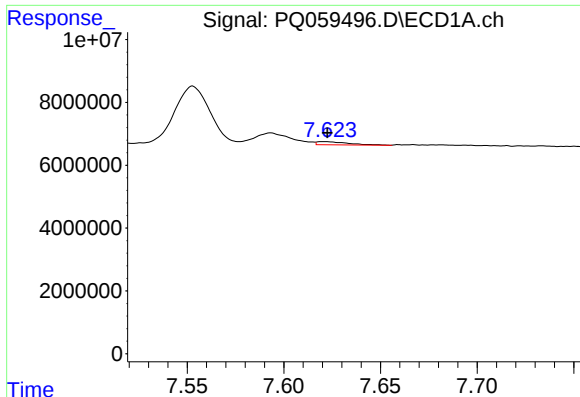
#38 AR-1262-3

R.T.: 7.553 min
Delta R.T.: 0.003 min
Response: 23323976
Conc: 35.08 ng/ml



#38 AR-1262-3

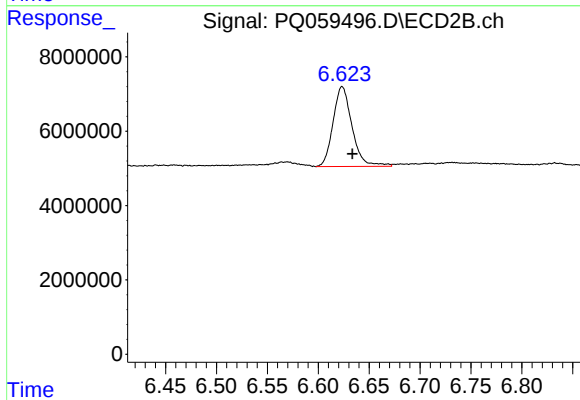
R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 3818492
Conc: 8.29 ng/ml



#39 AR-1262-4

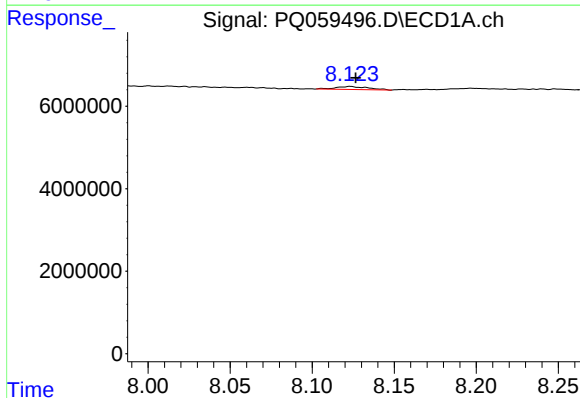
R.T.: 7.621 min
Delta R.T.: -0.001 min
Response: 1130769
Conc: 3.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



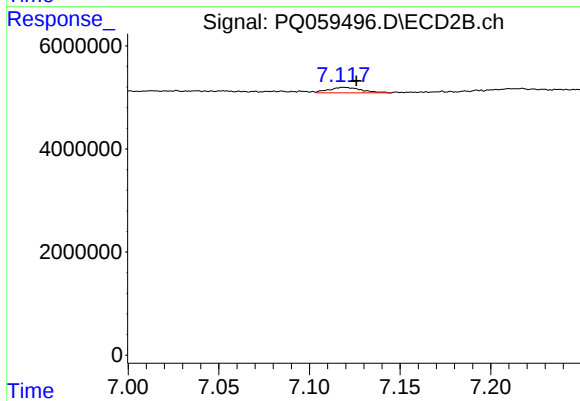
#39 AR-1262-4

R.T.: 6.624 min
Delta R.T.: -0.010 min
Response: 27910462
Conc: 31.85 ng/ml



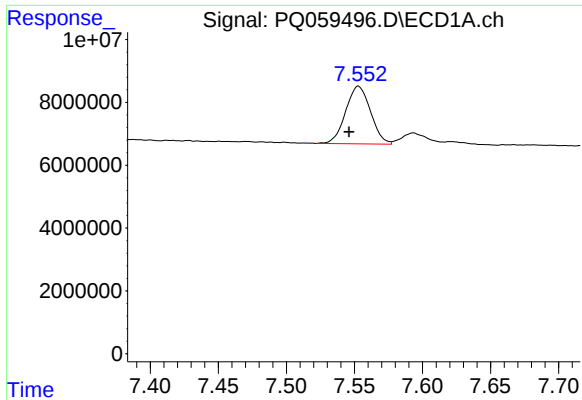
#40 AR-1262-5

R.T.: 8.123 min
Delta R.T.: -0.003 min
Response: 1035308
Conc: 3.63 ng/ml



#40 AR-1262-5

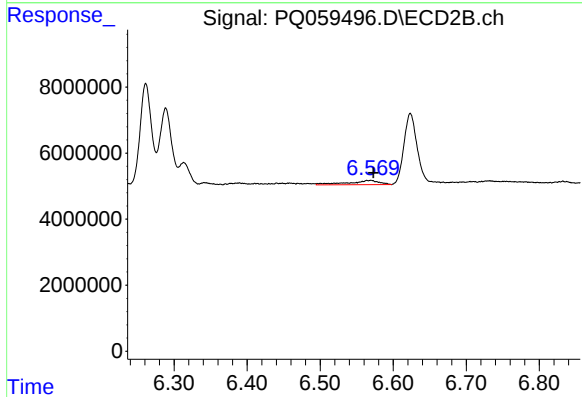
R.T.: 7.119 min
Delta R.T.: -0.007 min
Response: 1330379
Conc: 3.35 ng/ml



#41 AR-1268-1

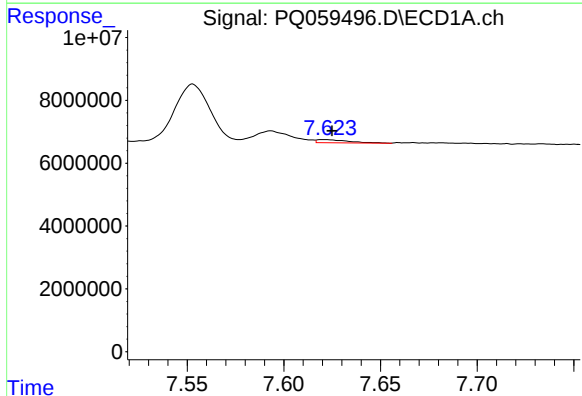
R.T.: 7.553 min
Delta R.T.: 0.007 min
Response: 23323976
Conc: 19.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



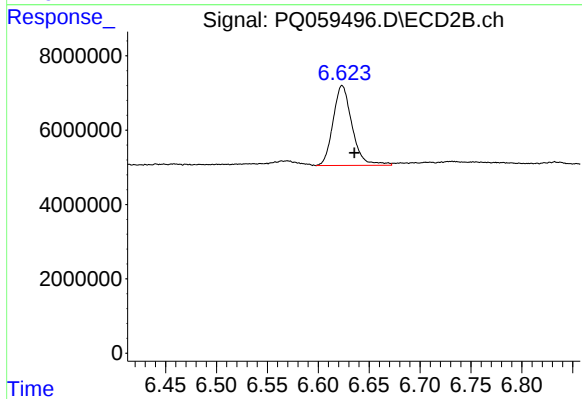
#41 AR-1268-1

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 3818492
Conc: 2.71 ng/ml



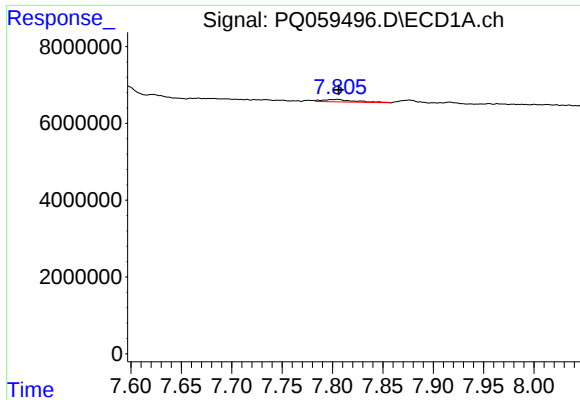
#42 AR-1268-2

R.T.: 7.621 min
Delta R.T.: -0.004 min
Response: 1130769
Conc: 1.08 ng/ml



#42 AR-1268-2

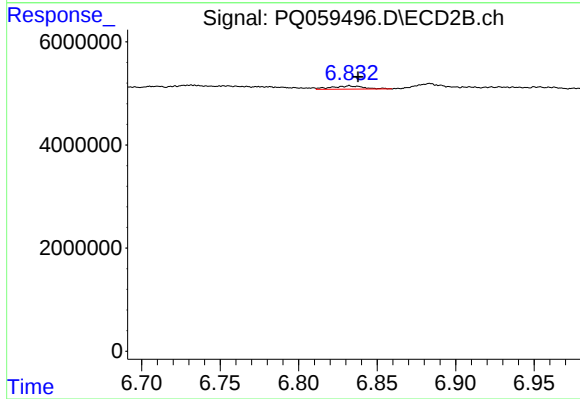
R.T.: 6.624 min
Delta R.T.: -0.012 min
Response: 27910462
Conc: 21.57 ng/ml



#43 AR-1268-3

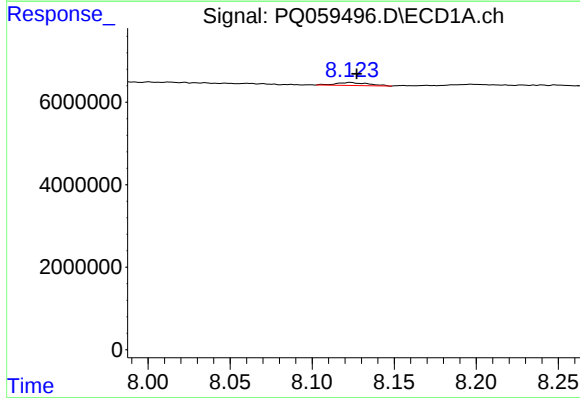
R.T.: 7.806 min
Delta R.T.: 0.000 min
Response: 1370934
Conc: 1.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



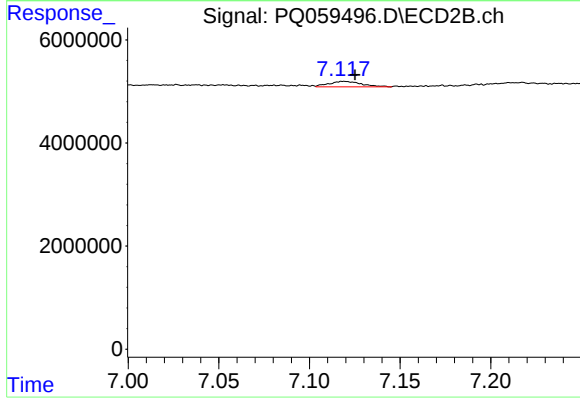
#43 AR-1268-3

R.T.: 6.832 min
Delta R.T.: -0.005 min
Response: 879899
Conc: 0.80 ng/ml



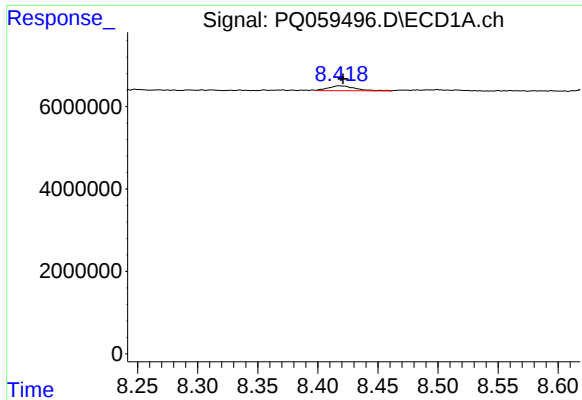
#44 AR-1268-4

R.T.: 8.123 min
Delta R.T.: -0.004 min
Response: 1035308
Conc: 3.21 ng/ml



#44 AR-1268-4

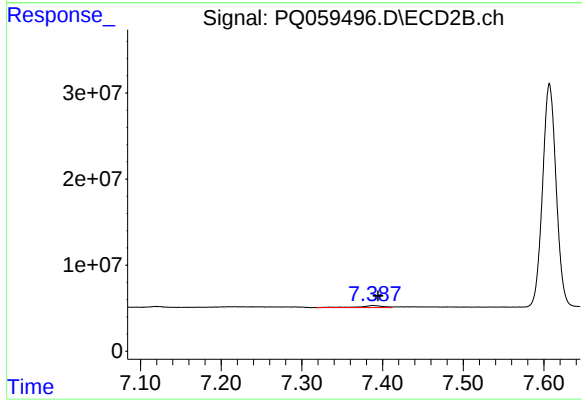
R.T.: 7.119 min
Delta R.T.: -0.006 min
Response: 1330379
Conc: 2.94 ng/ml



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.003 min
Response: 1829746
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.388 min
Delta R.T.: -0.007 min
Response: 4804149
Conc: 1.34 ng/ml