

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061323\
 Data File : PQ061391.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 18:50
 Operator : YP\AJ
 Sample : 03160-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:44:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.405	2.761	117.7E6	78364235	26.177	29.346
2)	SA Decachlor...	8.586	7.534	75117387	66769649	22.299	19.893
Target Compounds							
3)	L1 AR-1016-1	4.507	3.777	-3731320	18219504	N.D.	176.646 #
4)	L1 AR-1016-2	4.525	3.777	8601038	18219504	37.697	122.291 #
5)	L1 AR-1016-3	4.590	3.939	1234766	4093674	8.689	51.802 #
6)	L1 AR-1016-4	4.674	3.988	4765126	2755896	41.386	38.811
7)	L1 AR-1016-5	4.962	4.182	6724576	7871665	58.185	91.944 #
8)	L2 AR-1221-1	3.588	2.956	3910143	49986	69.686	1.404 #
9)	L2 AR-1221-2	3.683	3.030	1996099	1294747	47.301	47.009
10)	L2 AR-1221-3	3.747	3.105	1345891	139838	10.268	1.650 #
11)	L3 AR-1232-1	3.747	3.105	1345891	139838	14.080	2.271 #
12)	L3 AR-1232-2	4.247	3.777	10816853	18219504	196.900	264.443 #
13)	L3 AR-1232-3	4.525	3.939	8601038	4093674	82.338	113.209 #
14)	L3 AR-1232-4	4.674	4.024	4765126	4254440	89.811	131.999 #
15)	L3 AR-1232-5	4.772	4.182	4119751	7871665	109.241	205.396 #
16)	L4 AR-1242-1	4.507	3.777	-3731320	18219504	N.D.	237.886 #
17)	L4 AR-1242-2	4.525	3.777	8601038	18219504	50.654	164.400 #
18)	L4 AR-1242-3	4.590	3.939	1234766	4093674	11.542	69.170 #
19)	L4 AR-1242-4	4.674	4.024	4765126	4254440	54.904	71.043 #
20)	L4 AR-1242-5	5.390	4.518	8535104	19219853	96.237	240.038 #
21)	L5 AR-1248-1	4.507	3.777	-3731320	18219504	N.D.	292.751 #
22)	L5 AR-1248-2	4.772	3.988	4119751	2755896	32.407	28.512
23)	L5 AR-1248-3	4.962	4.024	6724576	4254440	43.655	46.541
24)	L5 AR-1248-4	5.356	4.182	6012515	7871665	35.420	69.519 #
25)	L5 AR-1248-5	5.390	4.557	8535104	9779153	52.098	88.792 #
26)	L6 AR-1254-1	5.326	4.518	15872366	19219853	92.929	116.876 #
27)	L6 AR-1254-2	5.536	4.665	15370205	6212602	57.484	41.306 #
28)	L6 AR-1254-3	5.898	5.048	15021802	9057569	53.756	38.924 #
29)	L6 AR-1254-4	6.182	5.275	2509771	2089923	12.262	14.547
30)	L6 AR-1254-5	6.596	5.683	11359603	22203168	48.158	97.335 #
31)	L7 AR-1260-1	6.063	5.178	8545945	9861217	38.465	57.329 #
32)	L7 AR-1260-2	6.320	5.373	12385387	11296324	46.554	54.510
33)	L7 AR-1260-3	6.678	5.507	7111707	7733282	42.294	38.936
34)	L7 AR-1260-4	6.894	5.970	5130198	4468011	25.562	30.373
35)	L7 AR-1260-5	7.205	6.217	19445899	11549271	51.094	35.568 #
36)	L8 AR-1262-1	6.678	5.723	7111707	5514368	23.753	22.754
37)	L8 AR-1262-2	7.205	6.217	19445899	11549271	38.569	26.425 #
38)	L8 AR-1262-3	7.484	6.499	8573369	5294707	25.369	29.380
39)	L8 AR-1262-4	7.553	6.552	3030385	8836940	11.800	26.647 #
40)	L8 AR-1262-5	8.059	7.049	2502792	2927681	14.696	18.250
41)	L9 AR-1268-1	7.484	6.499	8573369	5294707	15.567	10.777 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061323\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 18:50
 Operator : YP\AJ
 Sample : 03160-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

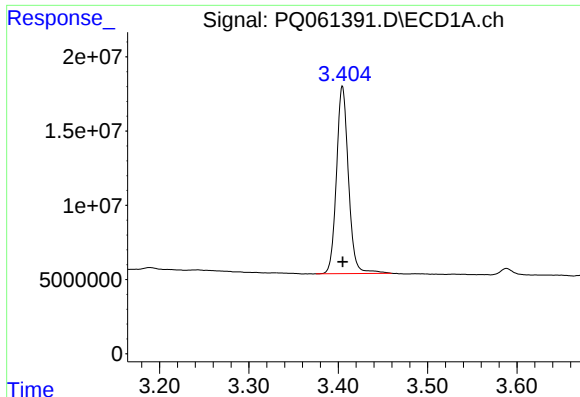
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:44:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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
42) L9	AR-1268-2	7.553	6.552	3030385	8836940	6.150	19.863 #
43) L9	AR-1268-3	7.707f	6.753	4099771	5046049	9.943	12.890 #
44) L9	AR-1268-4	8.059	7.049	2502792	2927681	14.139	17.439
45) L9	AR-1268-5	8.351	7.319	1848052	3191294	1.555	2.573 #

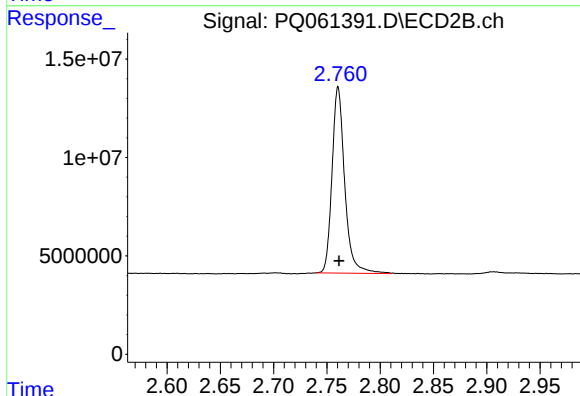
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

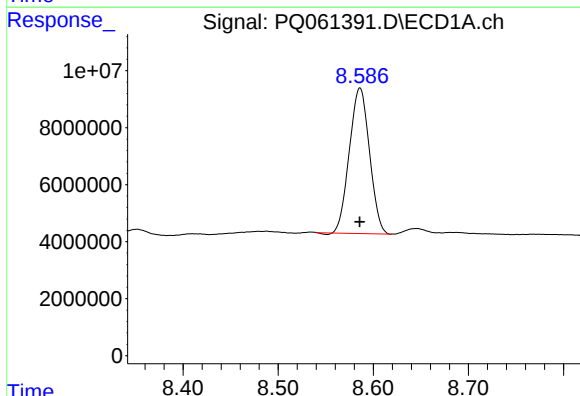
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 117666204
Conc: 26.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



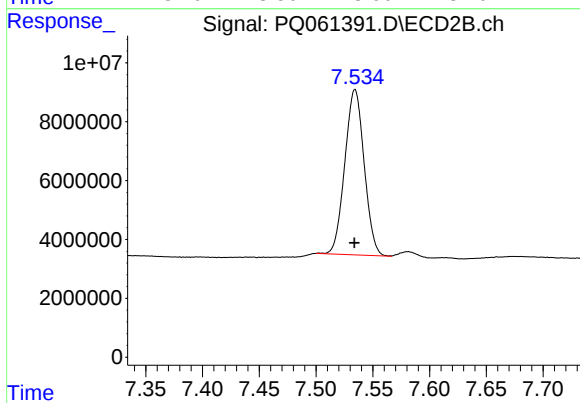
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 78364235
Conc: 29.35 ng/ml



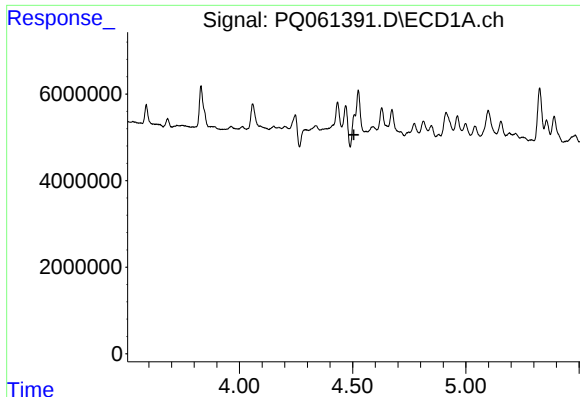
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 75117387
Conc: 22.30 ng/ml



#2 Decachlorobiphenyl

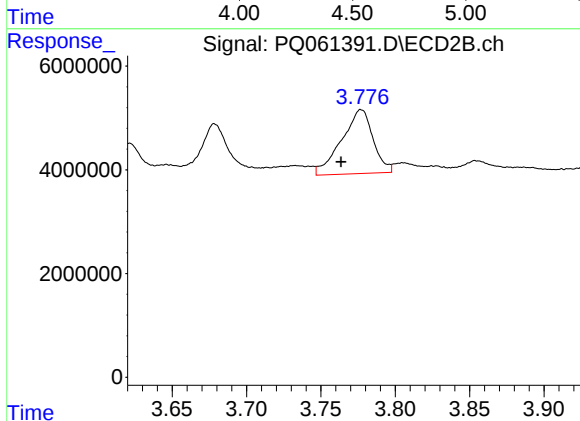
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 66769649
Conc: 19.89 ng/ml



#3 AR-1016-1

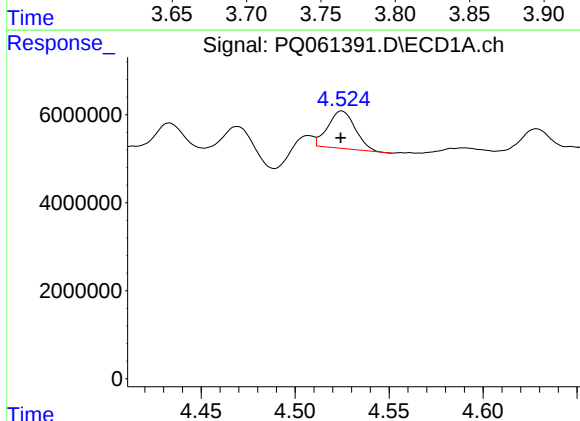
R.T.: 4.507 min
Delta R.T.: 0.002 min
Response: -3731320
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



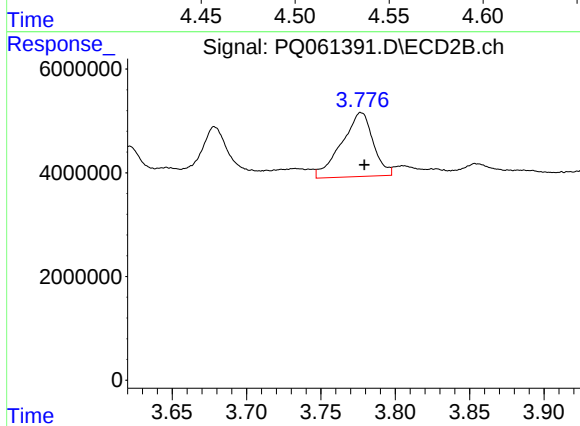
#3 AR-1016-1

R.T.: 3.777 min
Delta R.T.: 0.013 min
Response: 18219504
Conc: 176.65 ng/ml



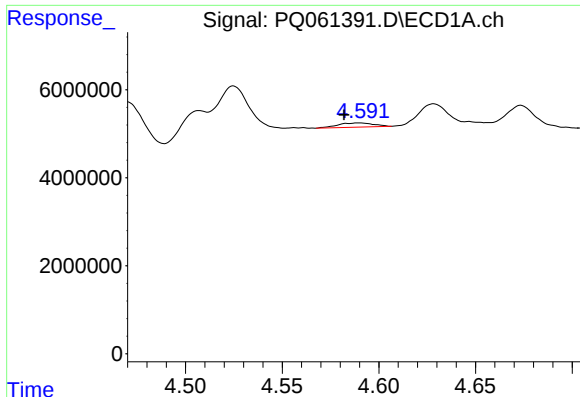
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 8601038
Conc: 37.70 ng/ml



#4 AR-1016-2

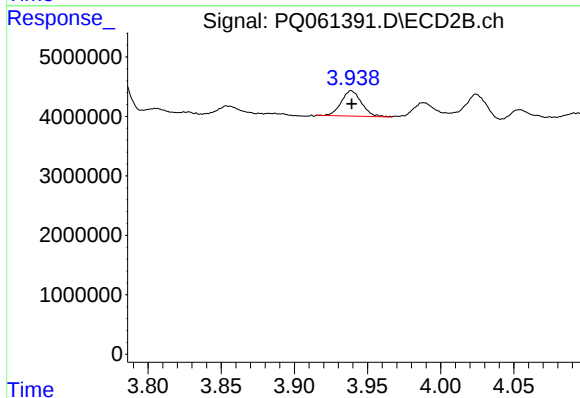
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 18219504
Conc: 122.29 ng/ml



#5 AR-1016-3

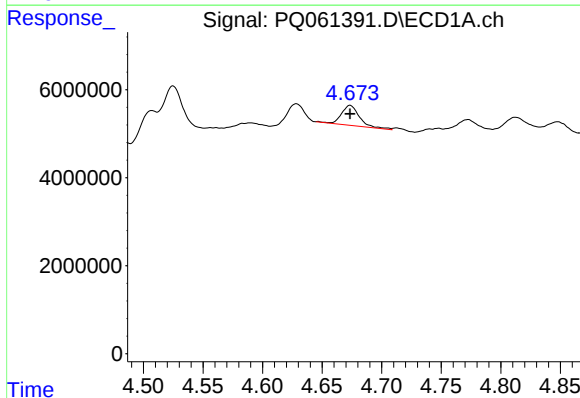
R.T.: 4.590 min
Delta R.T.: 0.008 min
Response: 1234766
Conc: 8.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



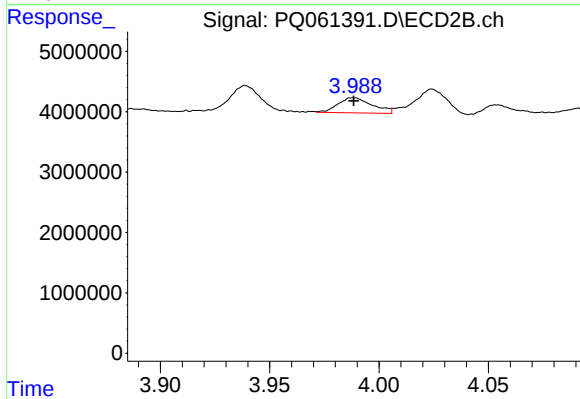
#5 AR-1016-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 4093674
Conc: 51.80 ng/ml



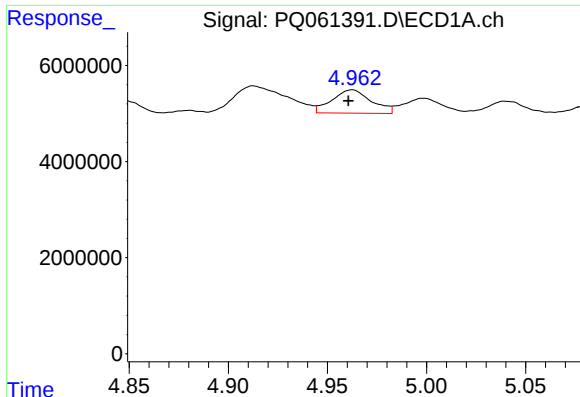
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 4765126
Conc: 41.39 ng/ml



#6 AR-1016-4

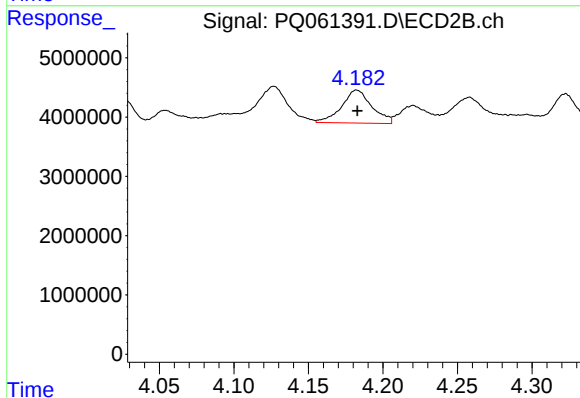
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 2755896
Conc: 38.81 ng/ml



#7 AR-1016-5

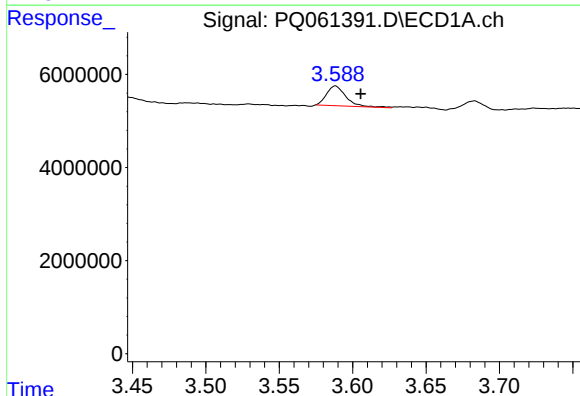
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 6724576
Conc: 58.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



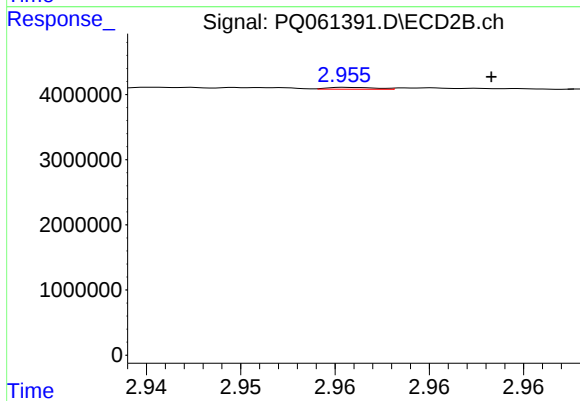
#7 AR-1016-5

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 7871665
Conc: 91.94 ng/ml



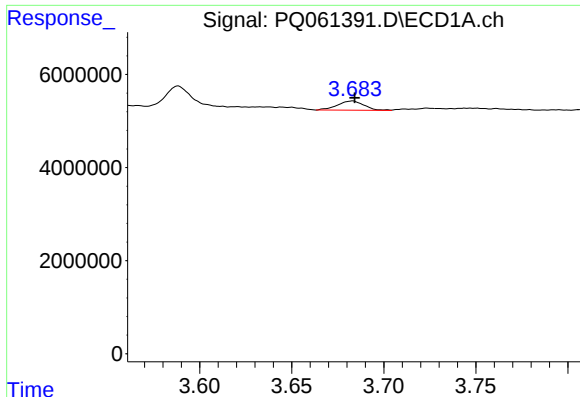
#8 AR-1221-1

R.T.: 3.588 min
Delta R.T.: -0.017 min
Response: 3910143
Conc: 69.69 ng/ml



#8 AR-1221-1

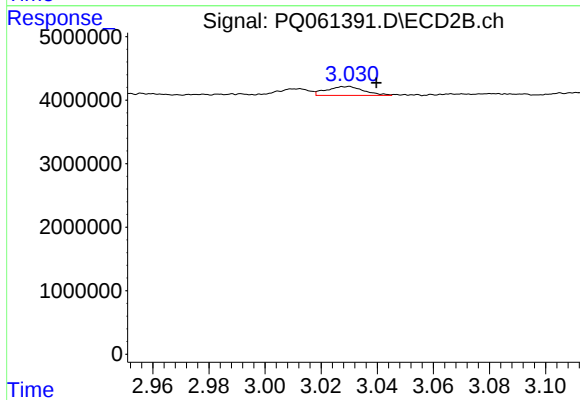
R.T.: 2.956 min
Delta R.T.: -0.007 min
Response: 49986
Conc: 1.40 ng/ml



#9 AR-1221-2

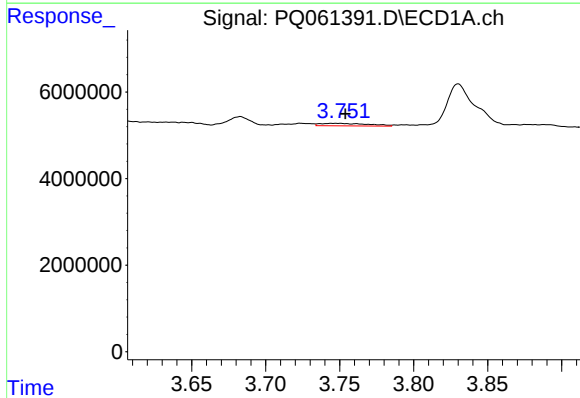
R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 1996099
Conc: 47.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



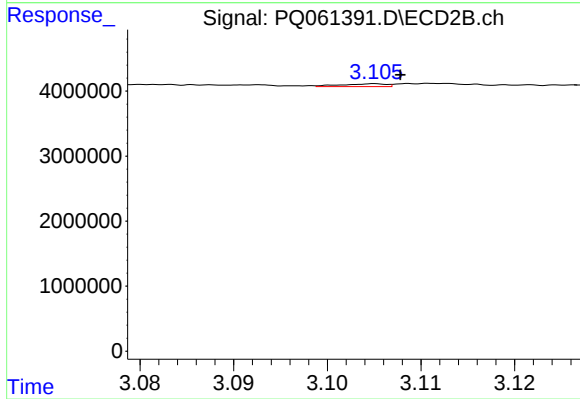
#9 AR-1221-2

R.T.: 3.030 min
Delta R.T.: -0.009 min
Response: 1294747
Conc: 47.01 ng/ml



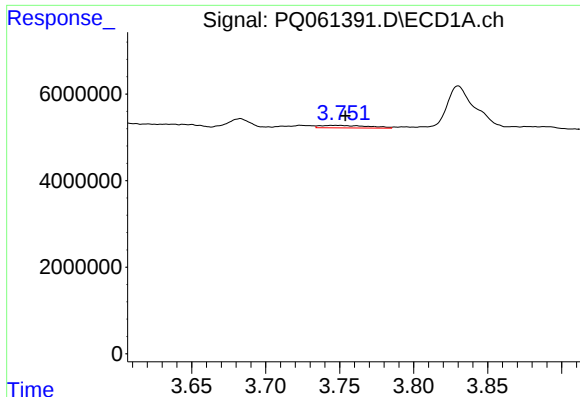
#10 AR-1221-3

R.T.: 3.747 min
Delta R.T.: -0.007 min
Response: 1345891
Conc: 10.27 ng/ml



#10 AR-1221-3

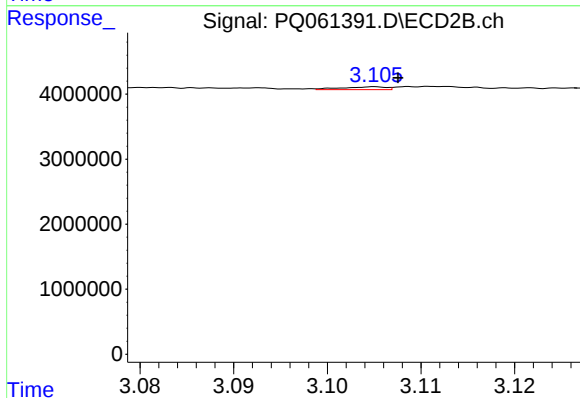
R.T.: 3.105 min
Delta R.T.: -0.003 min
Response: 139838
Conc: 1.65 ng/ml



#11 AR-1232-1

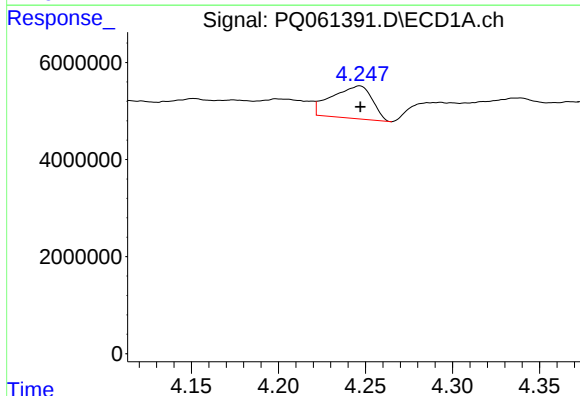
R.T.: 3.747 min
Delta R.T.: -0.007 min
Response: 1345891
Conc: 14.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



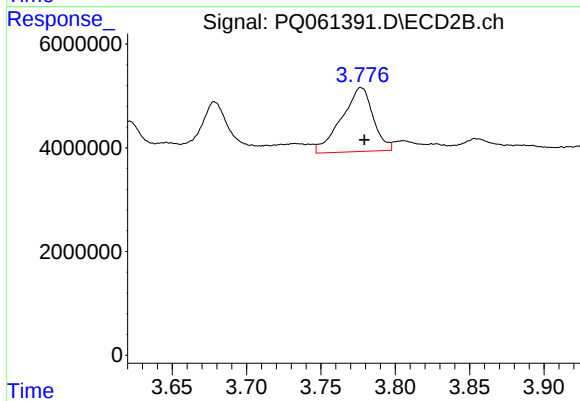
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: -0.002 min
Response: 139838
Conc: 2.27 ng/ml



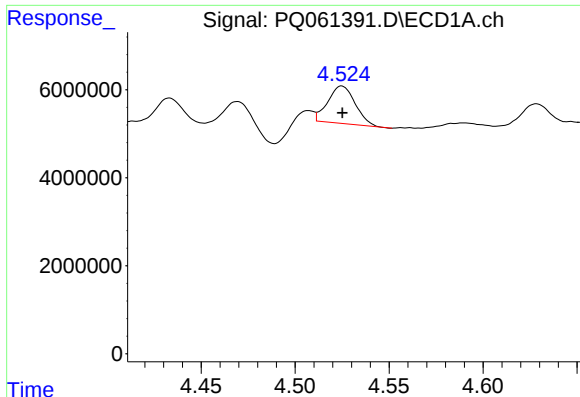
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 10816853
Conc: 196.90 ng/ml



#12 AR-1232-2

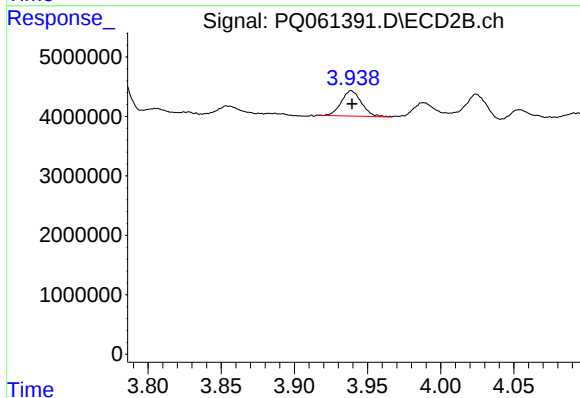
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 18219504
Conc: 264.44 ng/ml



#13 AR-1232-3

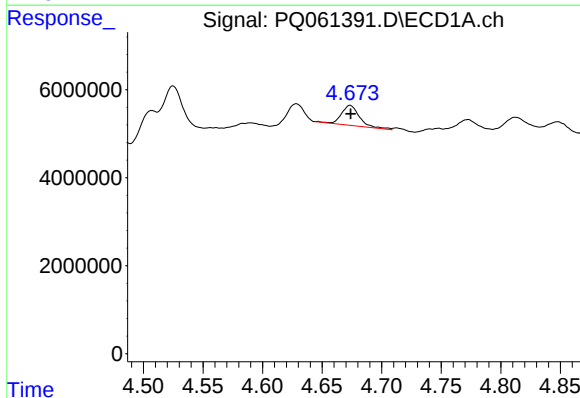
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 8601038
Conc: 82.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



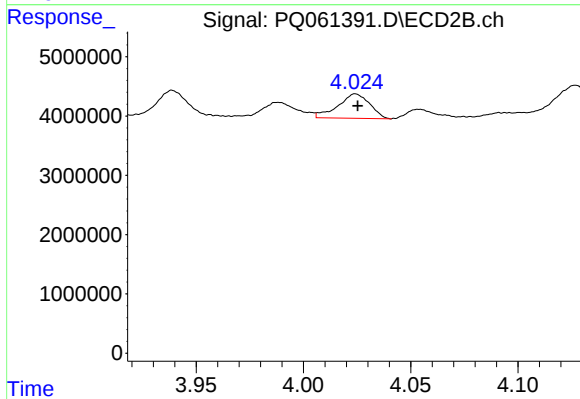
#13 AR-1232-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 4093674
Conc: 113.21 ng/ml



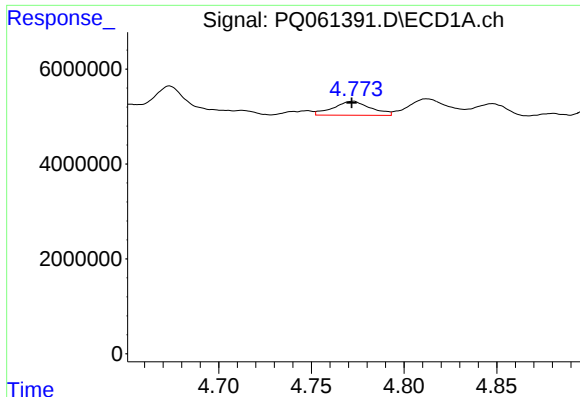
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 4765126
Conc: 89.81 ng/ml



#14 AR-1232-4

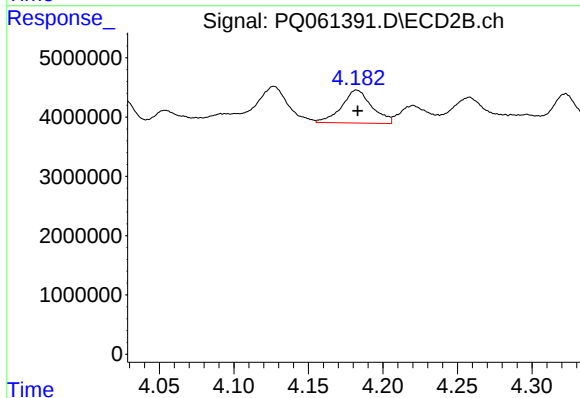
R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 4254440
Conc: 132.00 ng/ml



#15 AR-1232-5

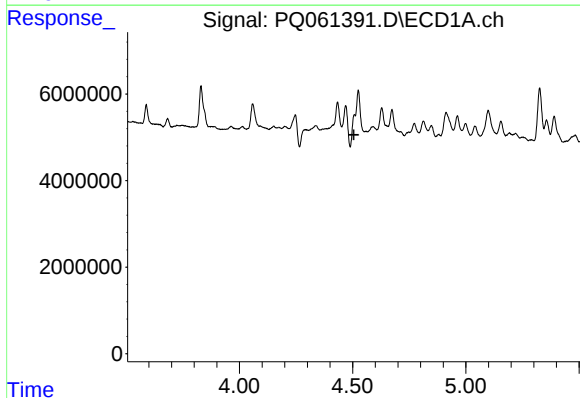
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 4119751
Conc: 109.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



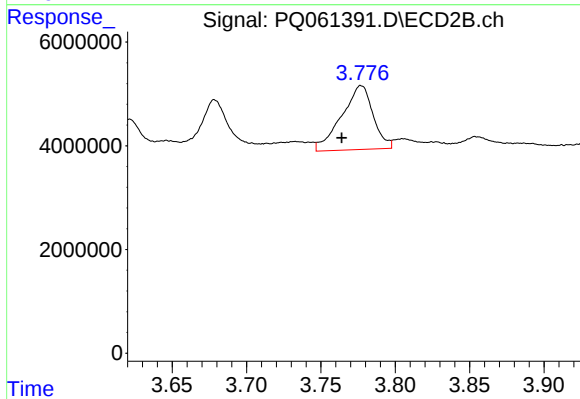
#15 AR-1232-5

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 7871665
Conc: 205.40 ng/ml



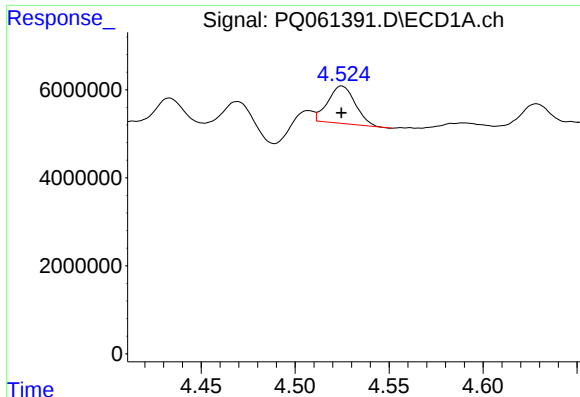
#16 AR-1242-1

R.T.: 4.507 min
Delta R.T.: 0.002 min
Response: -3731320
Conc: N.D.



#16 AR-1242-1

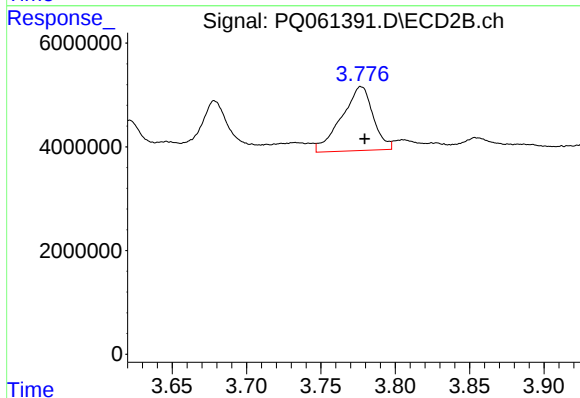
R.T.: 3.777 min
Delta R.T.: 0.013 min
Response: 18219504
Conc: 237.89 ng/ml



#17 AR-1242-2

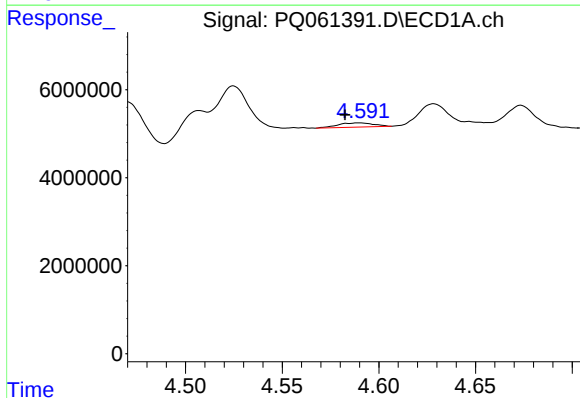
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 8601038
Conc: 50.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



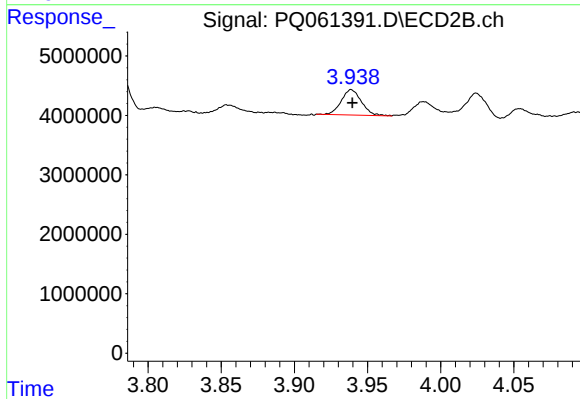
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 18219504
Conc: 164.40 ng/ml



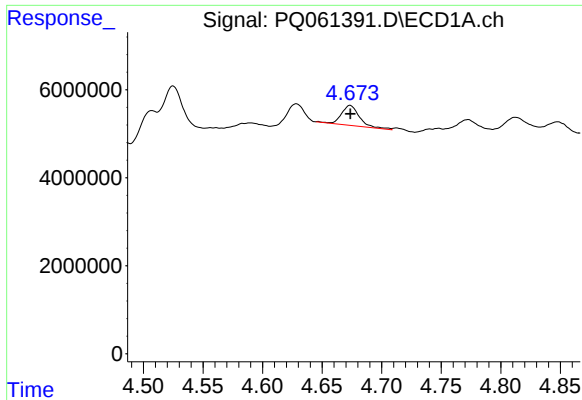
#18 AR-1242-3

R.T.: 4.590 min
Delta R.T.: 0.007 min
Response: 1234766
Conc: 11.54 ng/ml



#18 AR-1242-3

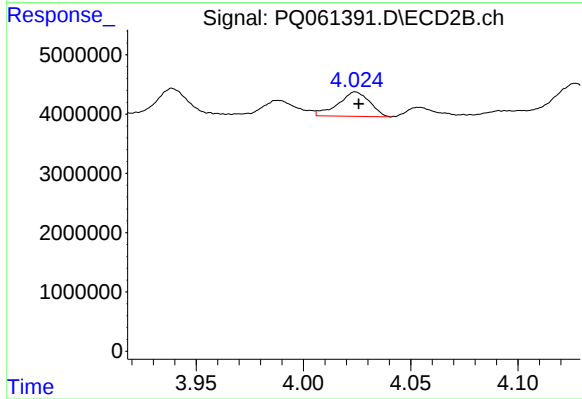
R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 4093674
Conc: 69.17 ng/ml



#19 AR-1242-4

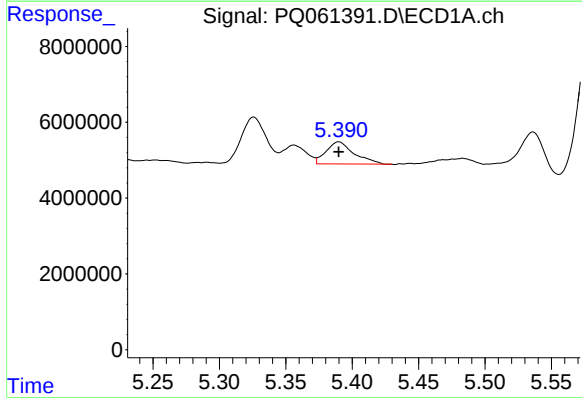
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 4765126
Conc: 54.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



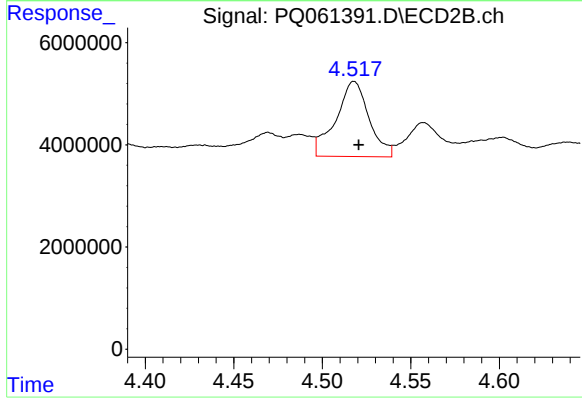
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 4254440
Conc: 71.04 ng/ml



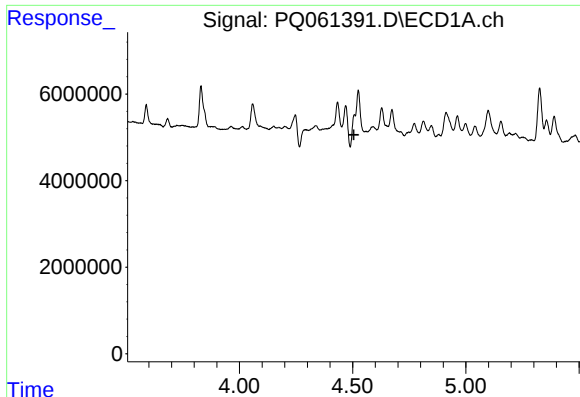
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 8535104
Conc: 96.24 ng/ml



#20 AR-1242-5

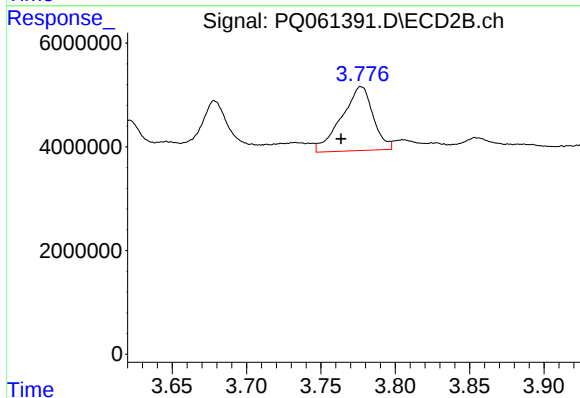
R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 19219853
Conc: 240.04 ng/ml



#21 AR-1248-1

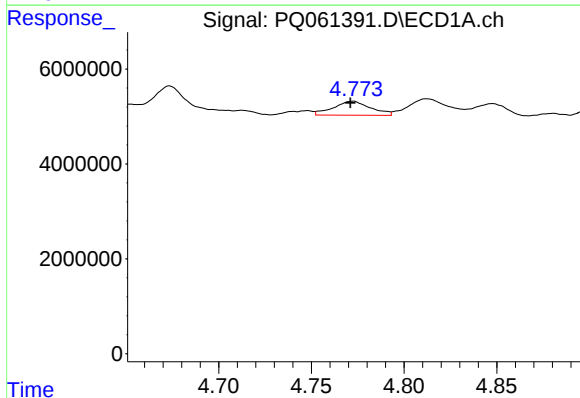
R.T.: 4.507 min
Delta R.T.: 0.002 min
Response: -3731320
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



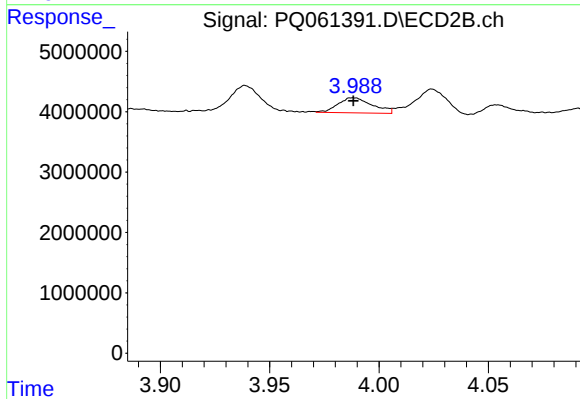
#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: 0.013 min
Response: 18219504
Conc: 292.75 ng/ml



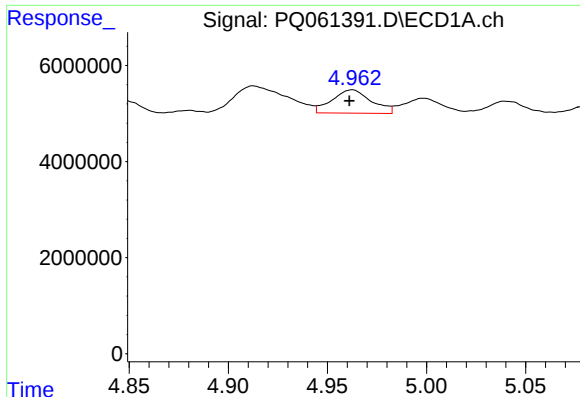
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.001 min
Response: 4119751
Conc: 32.41 ng/ml



#22 AR-1248-2

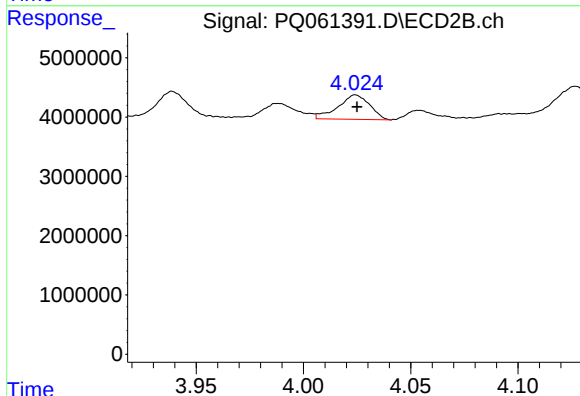
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 2755896
Conc: 28.51 ng/ml



#23 AR-1248-3

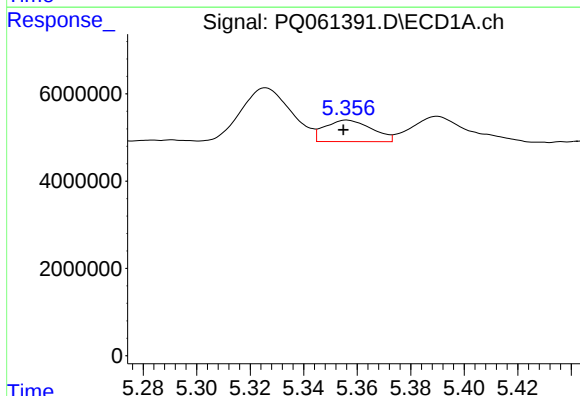
R.T.: 4.962 min
Delta R.T.: 0.001 min
Response: 6724576
Conc: 43.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



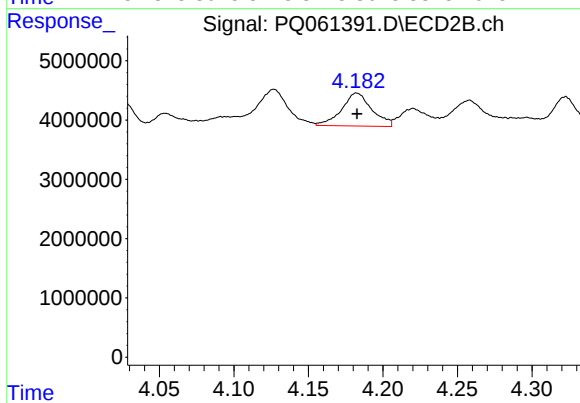
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 4254440
Conc: 46.54 ng/ml



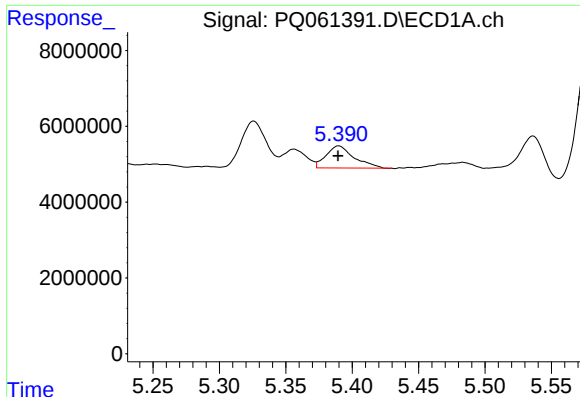
#24 AR-1248-4

R.T.: 5.356 min
Delta R.T.: 0.001 min
Response: 6012515
Conc: 35.42 ng/ml



#24 AR-1248-4

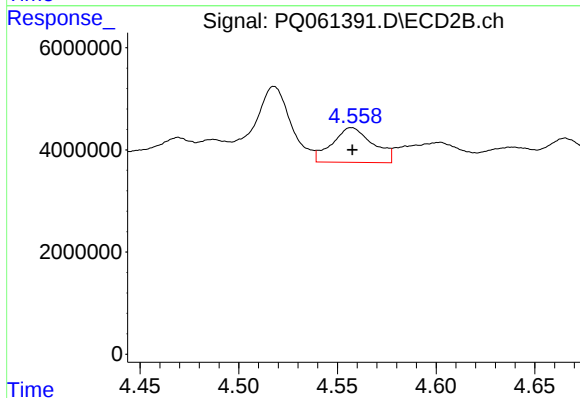
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 7871665
Conc: 69.52 ng/ml



#25 AR-1248-5

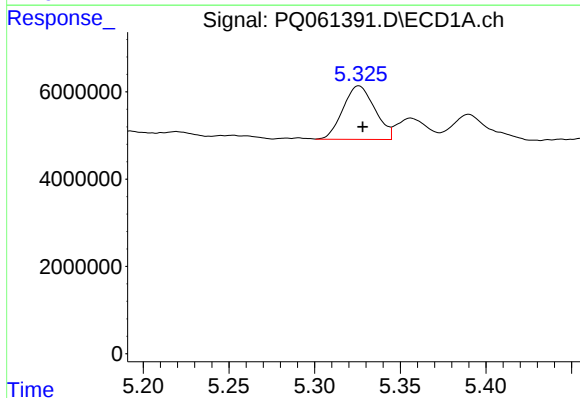
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 8535104
Conc: 52.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



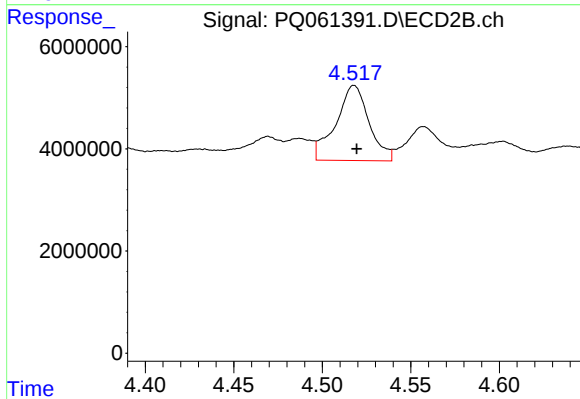
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 9779153
Conc: 88.79 ng/ml



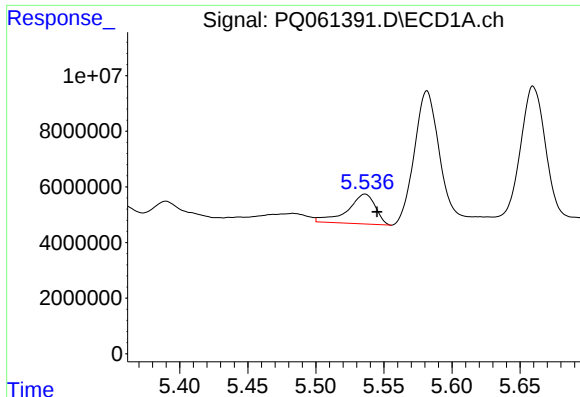
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: -0.002 min
Response: 15872366
Conc: 92.93 ng/ml



#26 AR-1254-1

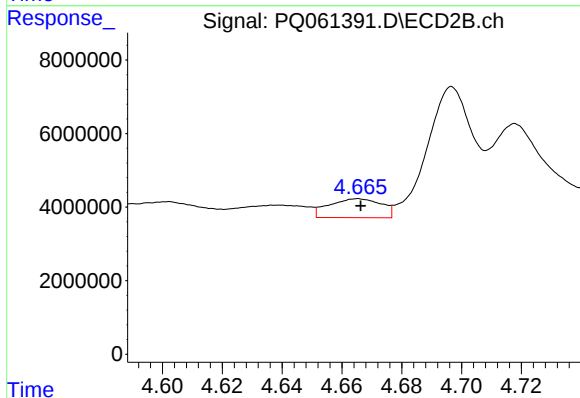
R.T.: 4.518 min
Delta R.T.: -0.002 min
Response: 19219853
Conc: 116.88 ng/ml



#27 AR-1254-2

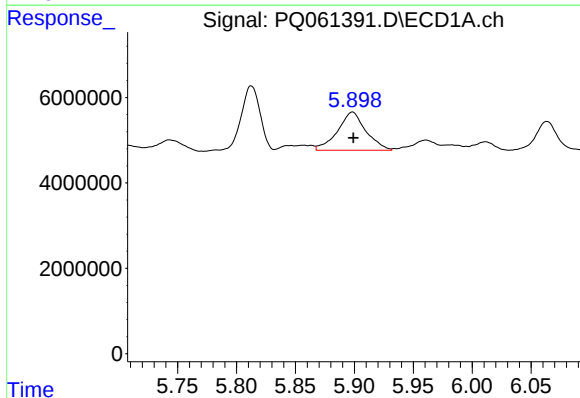
R.T.: 5.536 min
Delta R.T.: -0.009 min
Response: 15370205
Conc: 57.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



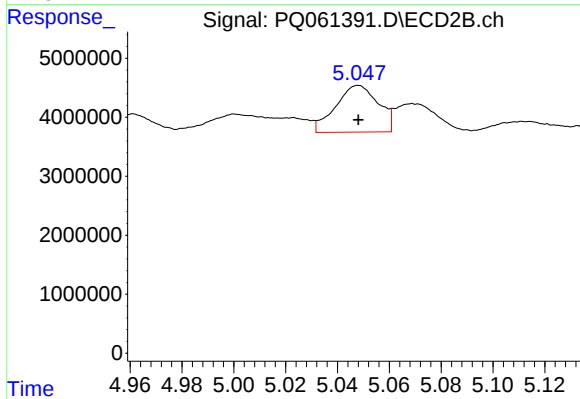
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 6212602
Conc: 41.31 ng/ml



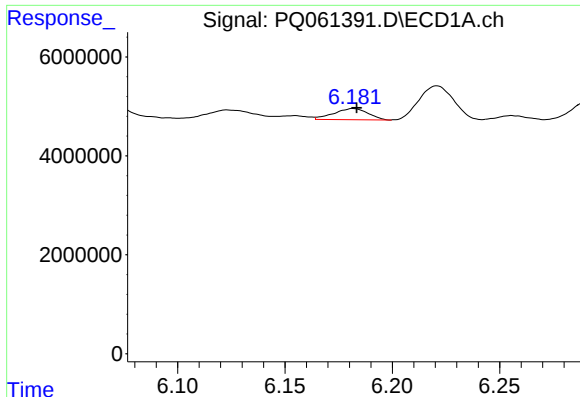
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 15021802
Conc: 53.76 ng/ml



#28 AR-1254-3

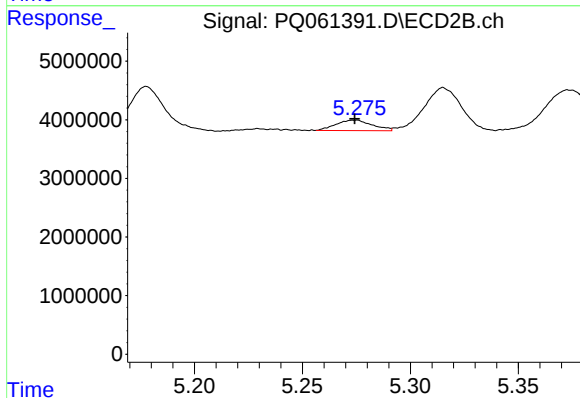
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 9057569
Conc: 38.92 ng/ml



#29 AR-1254-4

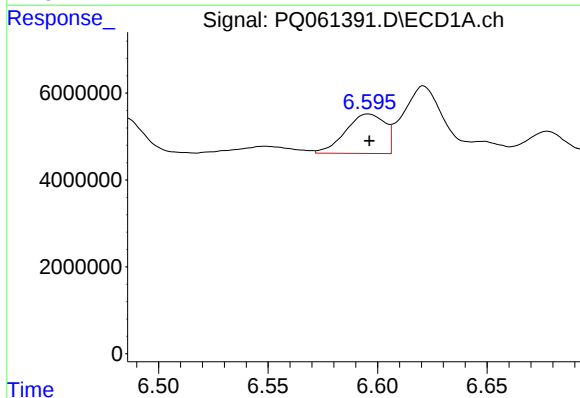
R.T.: 6.182 min
Delta R.T.: -0.001 min
Response: 2509771
Conc: 12.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



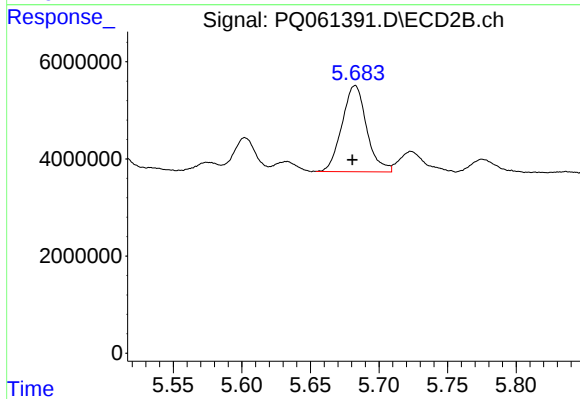
#29 AR-1254-4

R.T.: 5.275 min
Delta R.T.: 0.001 min
Response: 2089923
Conc: 14.55 ng/ml



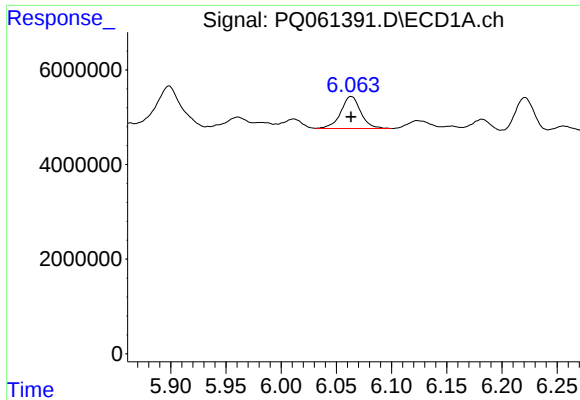
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 11359603
Conc: 48.16 ng/ml



#30 AR-1254-5

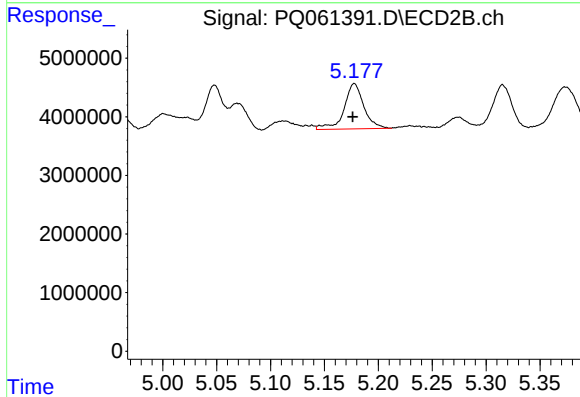
R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 22203168
Conc: 97.34 ng/ml



#31 AR-1260-1

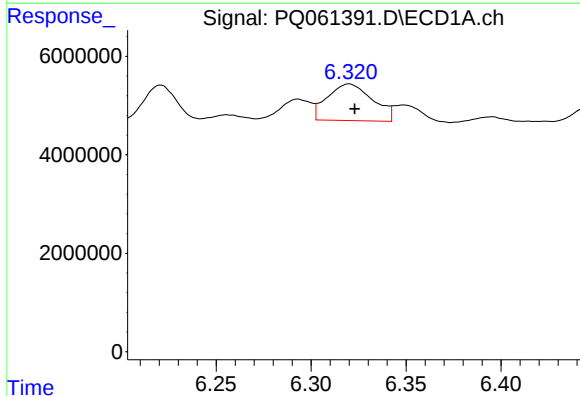
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 8545945
Conc: 38.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



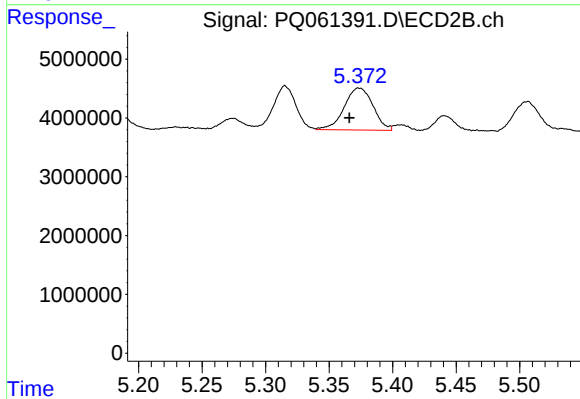
#31 AR-1260-1

R.T.: 5.178 min
Delta R.T.: 0.002 min
Response: 9861217
Conc: 57.33 ng/ml



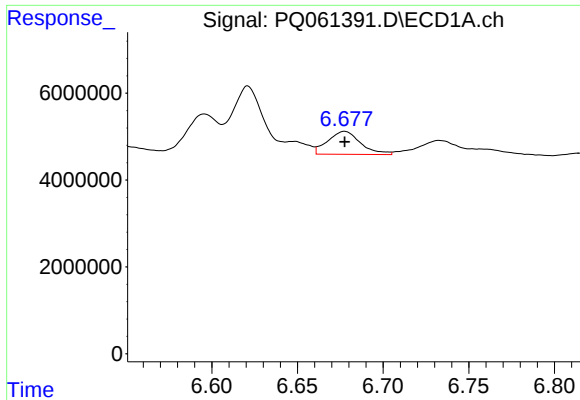
#32 AR-1260-2

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 12385387
Conc: 46.55 ng/ml



#32 AR-1260-2

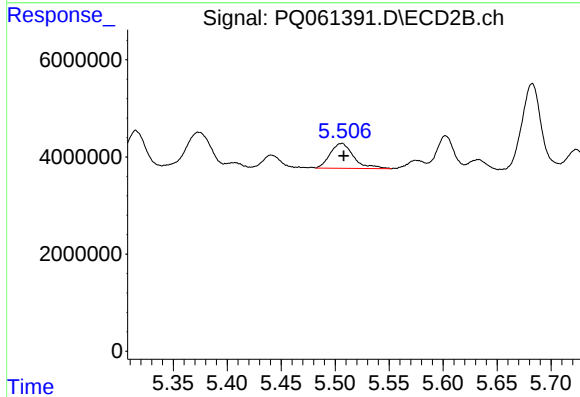
R.T.: 5.373 min
Delta R.T.: 0.007 min
Response: 11296324
Conc: 54.51 ng/ml



#33 AR-1260-3

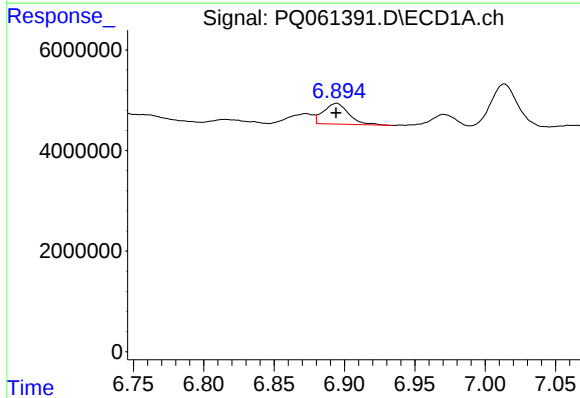
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 7111707
Conc: 42.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



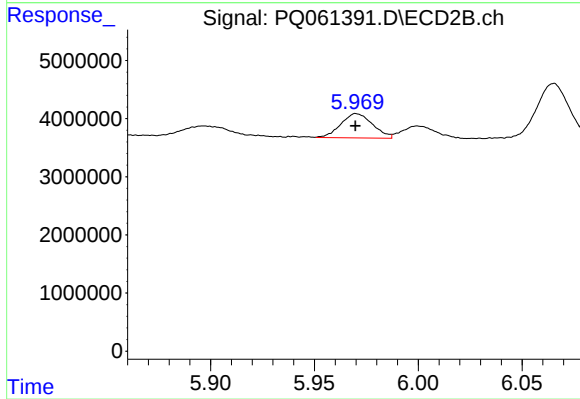
#33 AR-1260-3

R.T.: 5.507 min
Delta R.T.: -0.001 min
Response: 7733282
Conc: 38.94 ng/ml



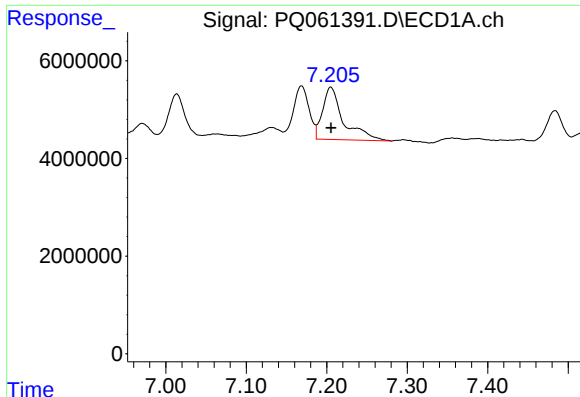
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 5130198
Conc: 25.56 ng/ml



#34 AR-1260-4

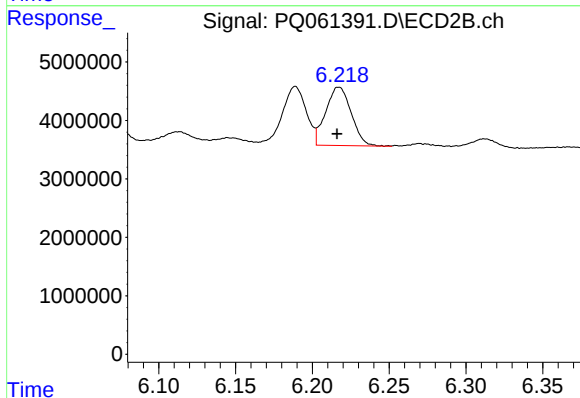
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 4468011
Conc: 30.37 ng/ml



#35 AR-1260-5

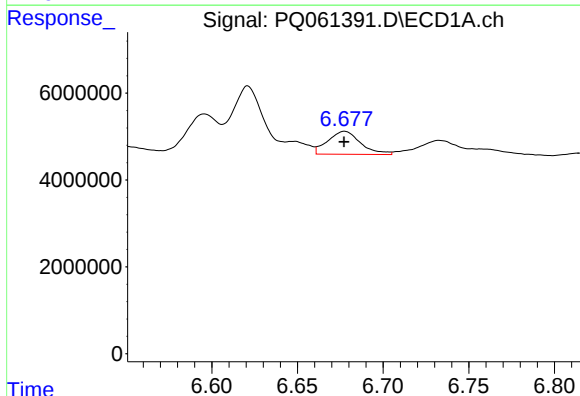
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 19445899
Conc: 51.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



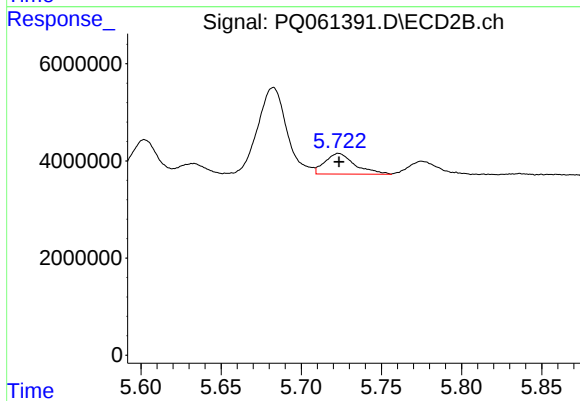
#35 AR-1260-5

R.T.: 6.217 min
Delta R.T.: 0.001 min
Response: 11549271
Conc: 35.57 ng/ml



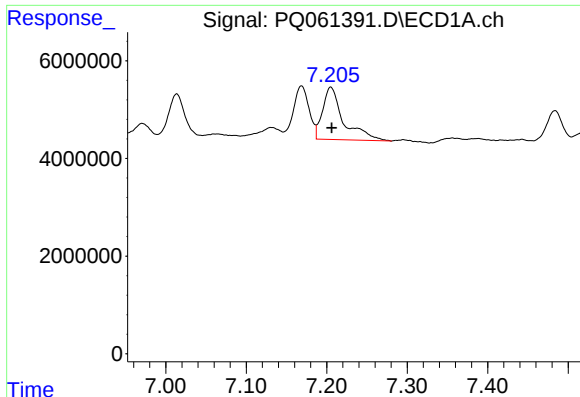
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 7111707
Conc: 23.75 ng/ml



#36 AR-1262-1

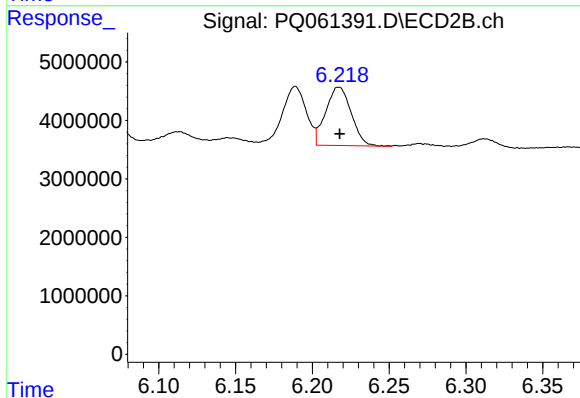
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 5514368
Conc: 22.75 ng/ml



#37 AR-1262-2

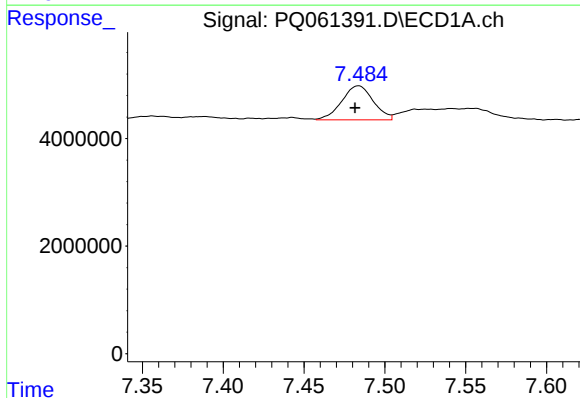
R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 19445899
Conc: 38.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



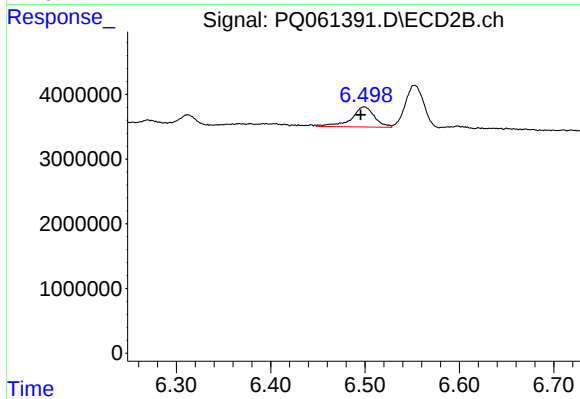
#37 AR-1262-2

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 11549271
Conc: 26.43 ng/ml



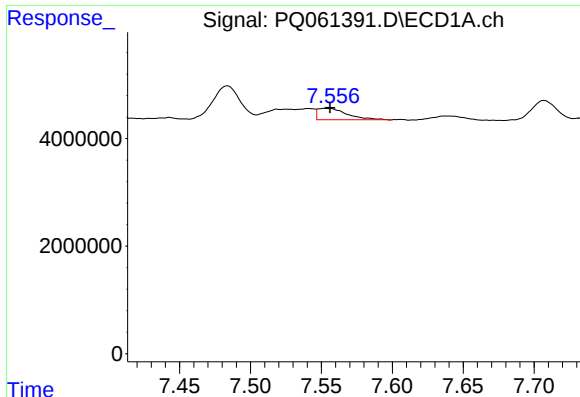
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.002 min
Response: 8573369
Conc: 25.37 ng/ml



#38 AR-1262-3

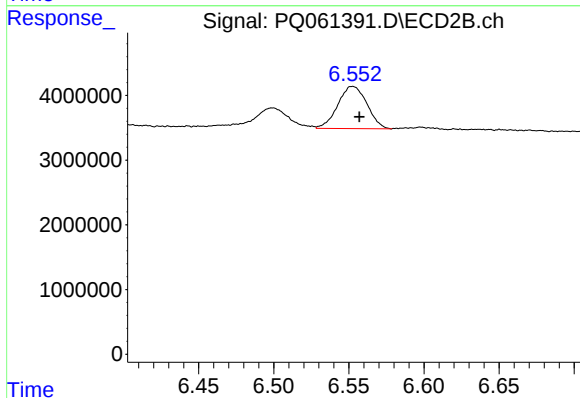
R.T.: 6.499 min
Delta R.T.: 0.004 min
Response: 5294707
Conc: 29.38 ng/ml



#39 AR-1262-4

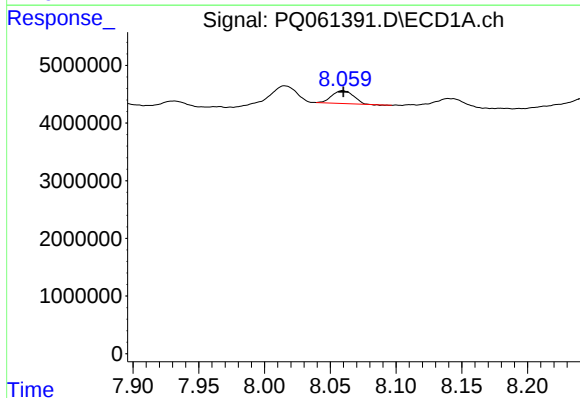
R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 3030385
Conc: 11.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



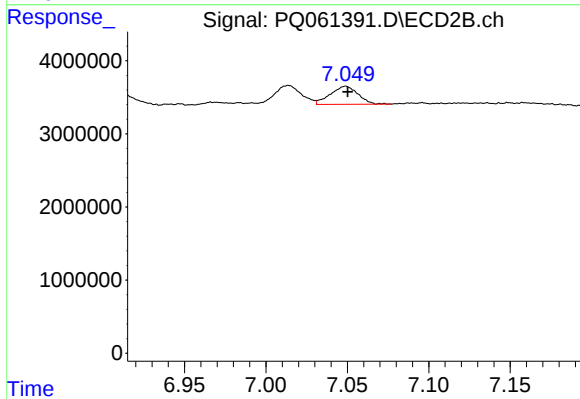
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: -0.004 min
Response: 8836940
Conc: 26.65 ng/ml



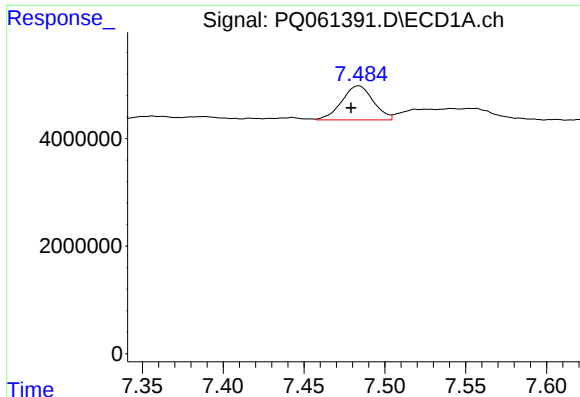
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 2502792
Conc: 14.70 ng/ml



#40 AR-1262-5

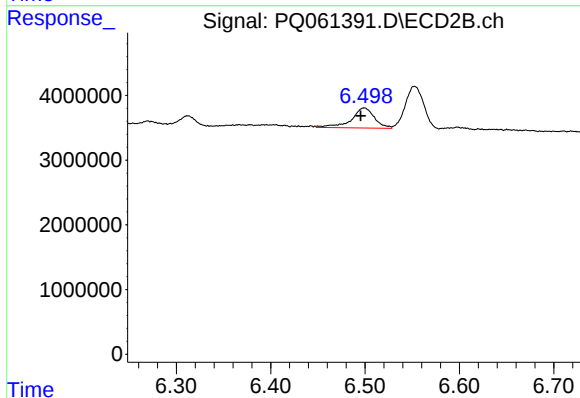
R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 2927681
Conc: 18.25 ng/ml



#41 AR-1268-1

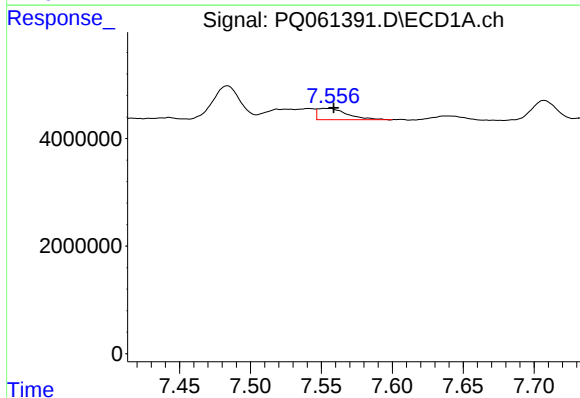
R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 8573369
Conc: 15.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



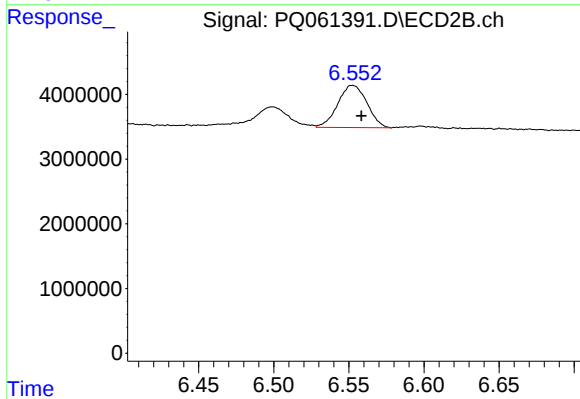
#41 AR-1268-1

R.T.: 6.499 min
Delta R.T.: 0.004 min
Response: 5294707
Conc: 10.78 ng/ml



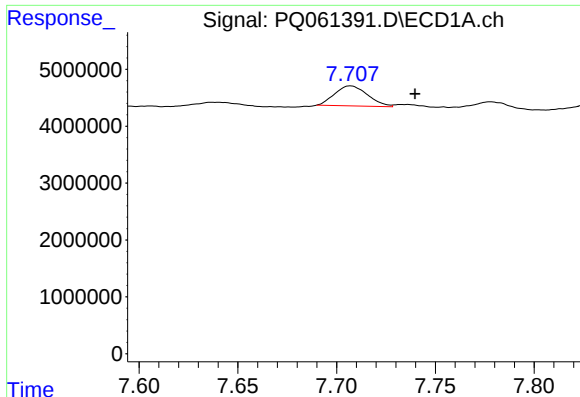
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.006 min
Response: 3030385
Conc: 6.15 ng/ml



#42 AR-1268-2

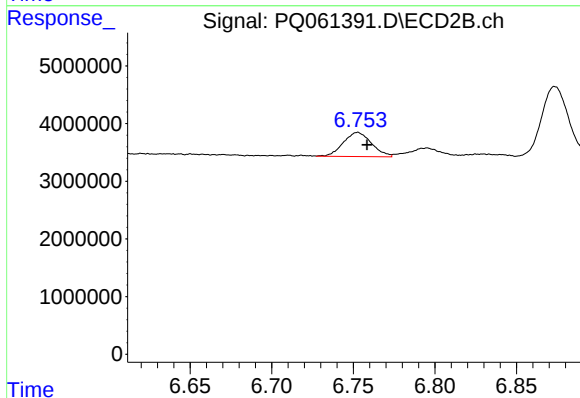
R.T.: 6.552 min
Delta R.T.: -0.006 min
Response: 8836940
Conc: 19.86 ng/ml



#43 AR-1268-3

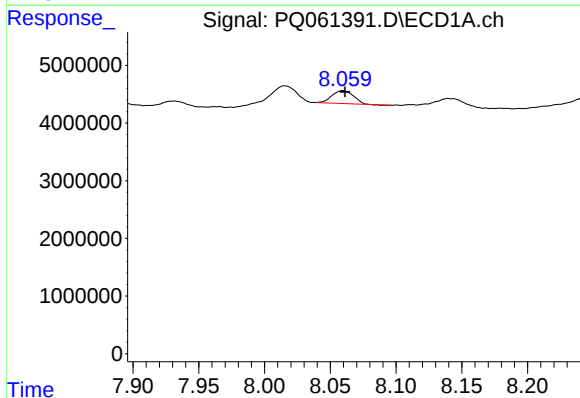
R.T.: 7.707 min
Delta R.T.: -0.033 min
Response: 4099771
Conc: 9.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



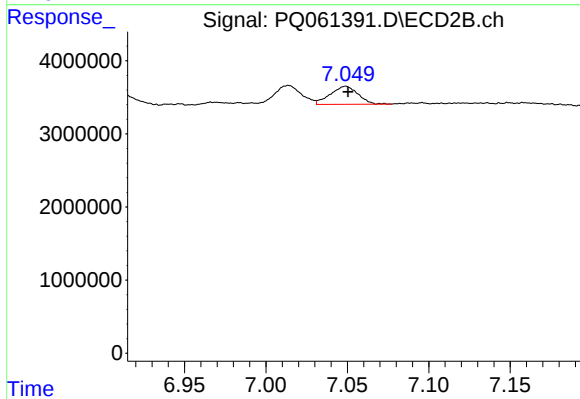
#43 AR-1268-3

R.T.: 6.753 min
Delta R.T.: -0.006 min
Response: 5046049
Conc: 12.89 ng/ml



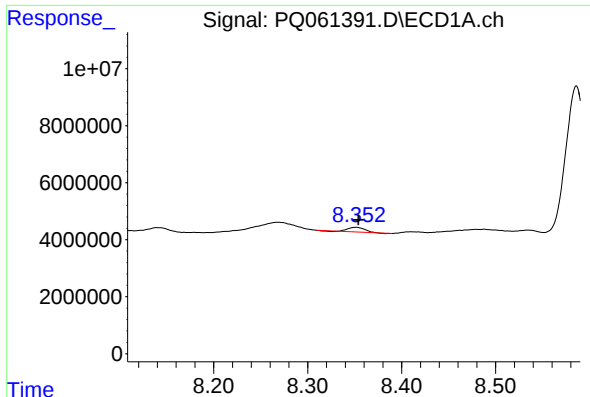
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 2502792
Conc: 14.14 ng/ml



#44 AR-1268-4

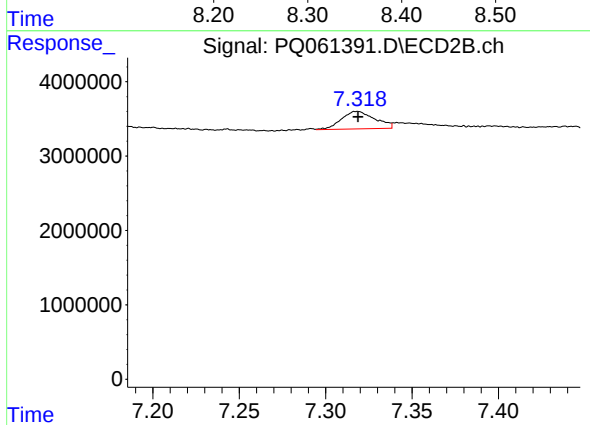
R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 2927681
Conc: 17.44 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.002 min
Response: 1848052
Conc: 1.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 3191294
Conc: 2.57 ng/ml