

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100522\
 Data File : PQ059418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2022 00:13
 Operator : YP\AJ
 Sample : N4901-23
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 04:38:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 04 21:36:00 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	2.831	292.2E6	191.7E6	21.219	21.163
2)	SA Decachlor...	8.653	7.610	131.2E6	192.8E6	26.412	25.243
Target Compounds							
3)	L1 AR-1016-1	4.583	3.839	11867122	6123352	28.296	21.715
4)	L1 AR-1016-2	4.612	3.855	26981367	7566517	43.522	17.814 #
5)	L1 AR-1016-3	4.668	4.019	11132597	17305118	28.206	77.805 #
6)	L1 AR-1016-4	4.750	4.064	29957895	32666240	90.978	191.072 #
7)	L1 AR-1016-5	5.039	4.261	59868136	40942117	190.851	181.725
8)	L2 AR-1221-1	3.677	3.028	727460	924089	4.918	9.303 #
9)	L2 AR-1221-2	3.763	3.102	5105260	2812763	49.328	41.092
10)	L2 AR-1221-3	3.830	3.181	1262975	782691	3.793	3.413
11)	L3 AR-1232-1	3.830	3.181	1262975	782691	4.488	4.065
12)	L3 AR-1232-2	4.328	3.855	59204975	7566517	402.991	40.174 #
13)	L3 AR-1232-3	4.612	4.019	26981367	17305118	94.545	177.457 #
14)	L3 AR-1232-4	4.750	4.101	29957895	33971420	200.231	416.155 #
15)	L3 AR-1232-5	4.848	4.261	49322749	40942117	469.916	428.779
16)	L4 AR-1242-1	4.583	3.839	11867122	6123352	34.067	26.389
17)	L4 AR-1242-2	4.612	3.855	26981367	7566517	52.750	21.706 #
18)	L4 AR-1242-3	4.668	4.019	11132597	17305118	34.425	94.704 #
19)	L4 AR-1242-4	4.750	4.101	29957895	33971420	111.175	201.404 #
20)	L4 AR-1242-5	5.466	4.597	10975934	8622063	40.840	38.977
21)	L5 AR-1248-1	4.583	3.839	11867122	6123352	44.743	34.443
22)	L5 AR-1248-2	4.848	4.064	49322749	32666240	138.347	129.393
23)	L5 AR-1248-3	5.039	4.101	59868136	33971420	139.397	134.552
24)	L5 AR-1248-4	5.430	4.261	5668044	40942117	12.194	131.082 #
25)	L5 AR-1248-5	5.466	4.636	10975934	6416227	23.843	20.421
26)	L6 AR-1254-1	5.404	4.597	13657474	8622063	28.477	17.636 #
27)	L6 AR-1254-2	5.618	4.743	6182346	3390619	8.312	7.829
28)	L6 AR-1254-3	5.961	5.126	3889710	4938529	4.971	7.127 #
29)	L6 AR-1254-4	0.000	5.347	0	831061	N.D.	1.930 #
30)	L6 AR-1254-5	6.668	5.758	2606118	1646858	4.396	2.661 #
31)	L7 AR-1260-1	6.138	5.258	1893920	3152463	3.404	6.997 #
32)	L7 AR-1260-2	6.393	5.443	2004817	1493043	3.140	2.715
33)	L7 AR-1260-3	6.742	5.594	583907	1539328	1.306	2.967 #
34)	L7 AR-1260-4	0.000	6.049	0	1874001	N.D.	4.240 #
35)	L7 AR-1260-5	7.275	6.289	1616312	1035641	1.833	1.015 #
36)	L8 AR-1262-1	6.742	5.800	583907	1381964	0.840	2.169 #
37)	L8 AR-1262-2	7.275	6.289	1616312	1035641	1.487	0.885 #
38)	L8 AR-1262-3	7.593f	6.565	348311	739797	0.524	1.606 #
39)	L8 AR-1262-4	7.619	6.627	504721	2141566	1.605	2.444 #
40)	L8 AR-1262-5	8.159	7.121	166539	1969530	0.583	4.957 #
41)	L9 AR-1268-1	7.593f	6.565	348311	739797	0.298	0.526 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2022 00:13
 Operator : YP\AJ
 Sample : N4901-23
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

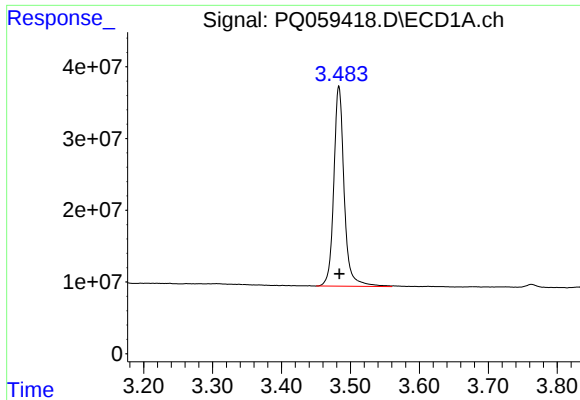
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 04:38:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.619	6.627	504721	2141566	0.482	1.655 #
43) L9	AR-1268-3	0.000	6.831	0	787756	N.D.	0.714 #
44) L9	AR-1268-4	8.159	7.121	166539	1969530	0.516	4.348 #
45) L9	AR-1268-5	8.417	7.392	914440	3569365	0.406	0.998 #

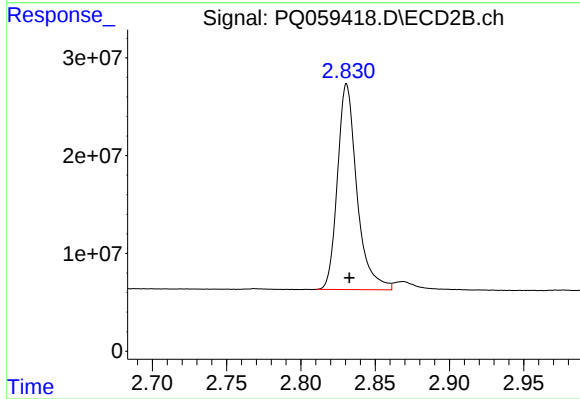
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

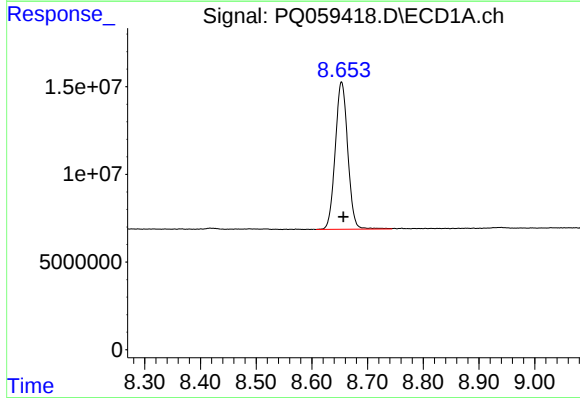
R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 292165914
Conc: 21.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



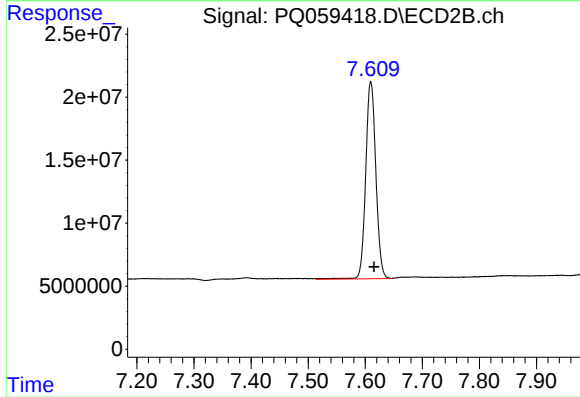
#1 Tetrachloro-m-xylene

R.T.: 2.831 min
Delta R.T.: -0.002 min
Response: 191707332
Conc: 21.16 ng/ml



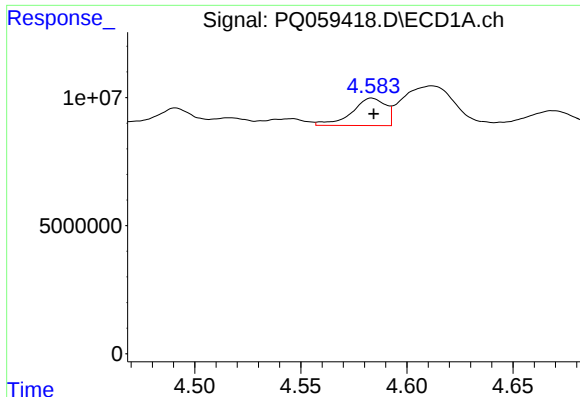
#2 Decachlorobiphenyl

R.T.: 8.653 min
Delta R.T.: -0.003 min
Response: 131162672
Conc: 26.41 ng/ml



#2 Decachlorobiphenyl

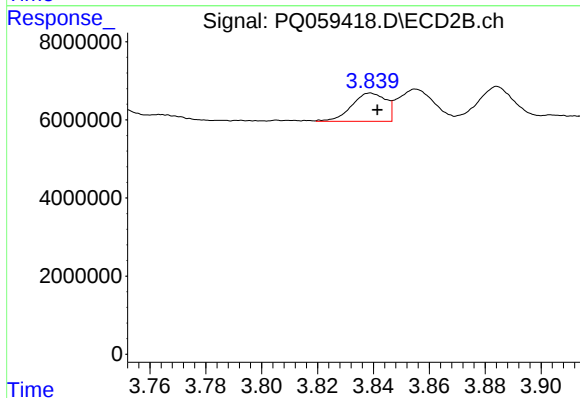
R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 192758678
Conc: 25.24 ng/ml



#3 AR-1016-1

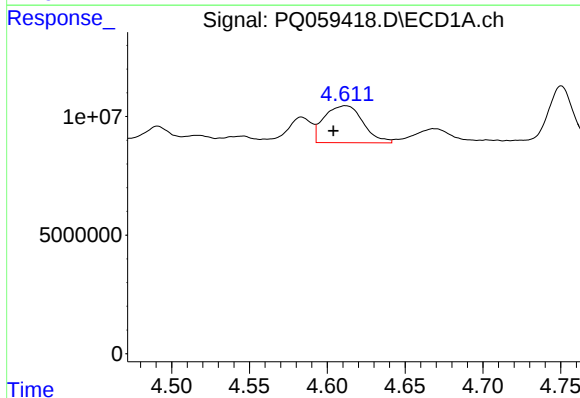
R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 11867122
Conc: 28.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



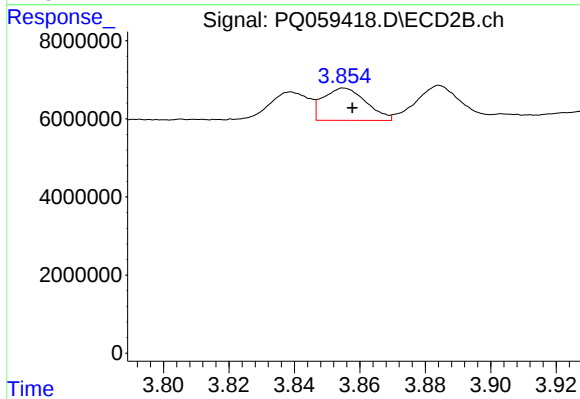
#3 AR-1016-1

R.T.: 3.839 min
Delta R.T.: -0.002 min
Response: 6123352
Conc: 21.71 ng/ml



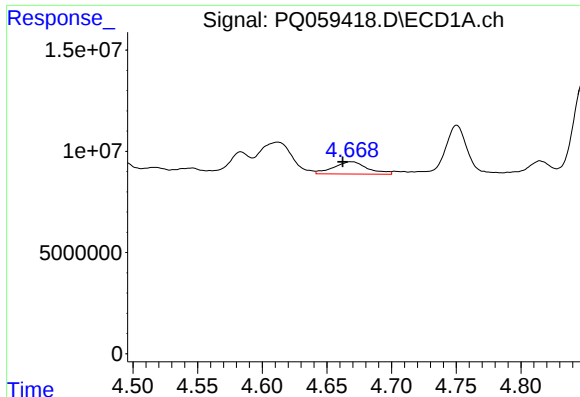
#4 AR-1016-2

R.T.: 4.612 min
Delta R.T.: 0.008 min
Response: 26981367
Conc: 43.52 ng/ml



#4 AR-1016-2

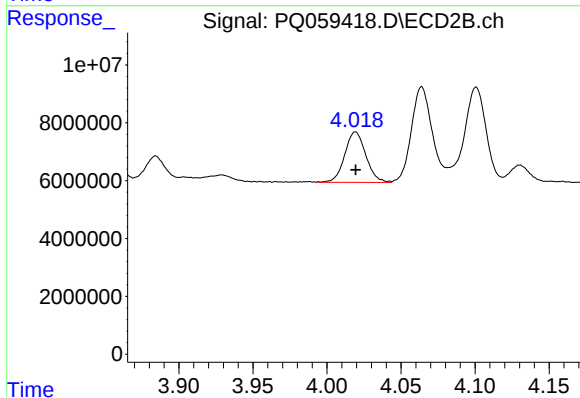
R.T.: 3.855 min
Delta R.T.: -0.002 min
Response: 7566517
Conc: 17.81 ng/ml



#5 AR-1016-3

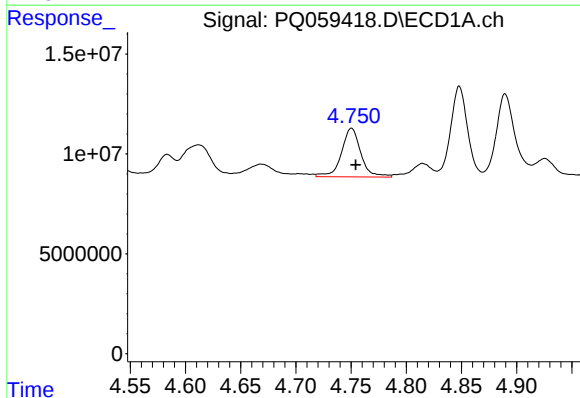
R.T.: 4.668 min
Delta R.T.: 0.006 min
Response: 11132597
Conc: 28.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



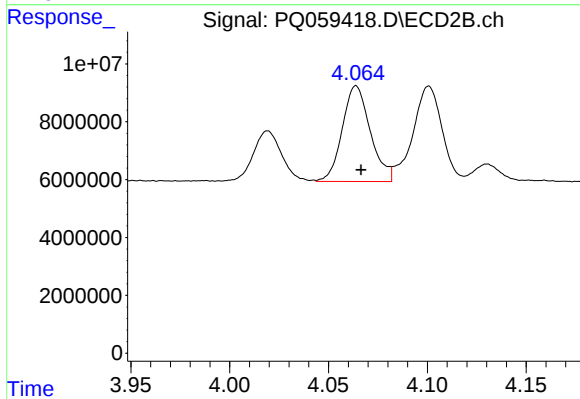
#5 AR-1016-3

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 17305118
Conc: 77.81 ng/ml



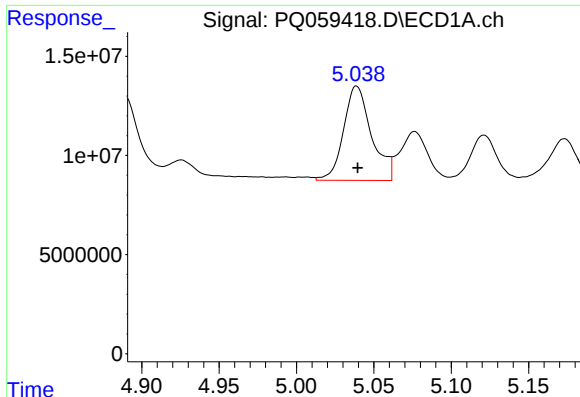
#6 AR-1016-4

R.T.: 4.750 min
Delta R.T.: -0.004 min
Response: 29957895
Conc: 90.98 ng/ml



#6 AR-1016-4

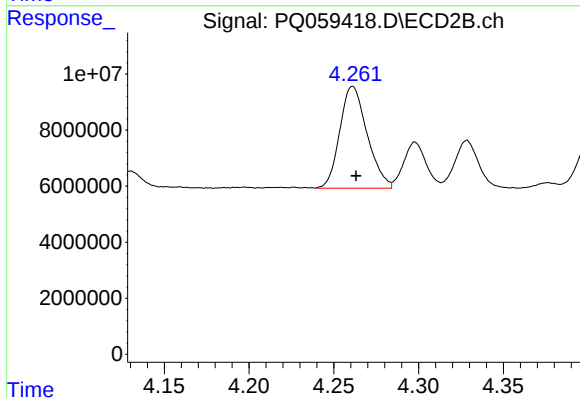
R.T.: 4.064 min
Delta R.T.: -0.002 min
Response: 32666240
Conc: 191.07 ng/ml



#7 AR-1016-5

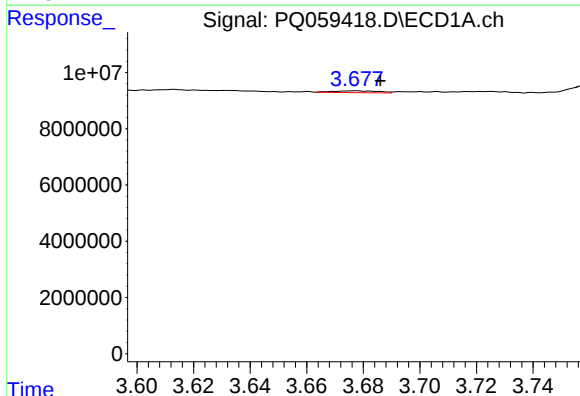
R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 59868136
Conc: 190.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



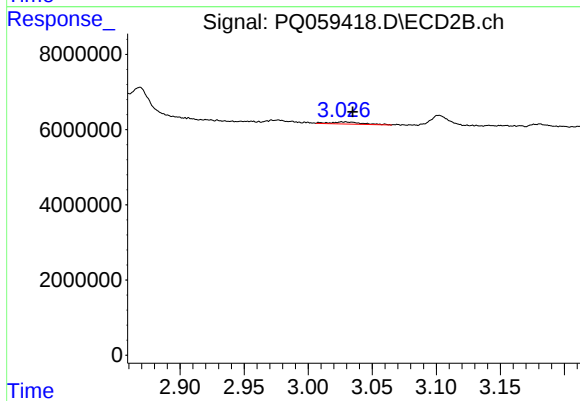
#7 AR-1016-5

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 40942117
Conc: 181.73 ng/ml



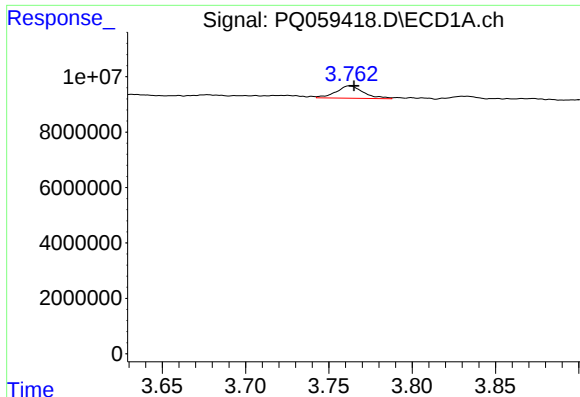
#8 AR-1221-1

R.T.: 3.677 min
Delta R.T.: -0.009 min
Response: 727460
Conc: 4.92 ng/ml



#8 AR-1221-1

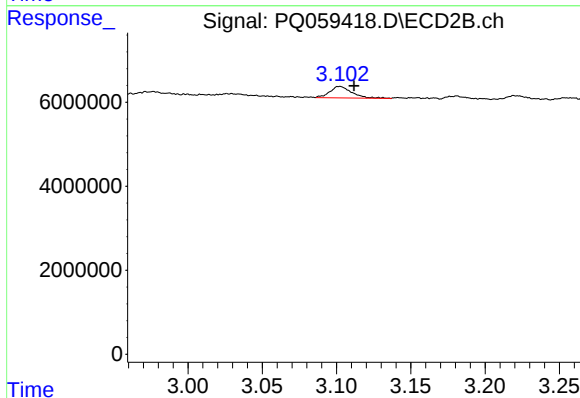
R.T.: 3.028 min
Delta R.T.: -0.006 min
Response: 924089
Conc: 9.30 ng/ml



#9 AR-1221-2

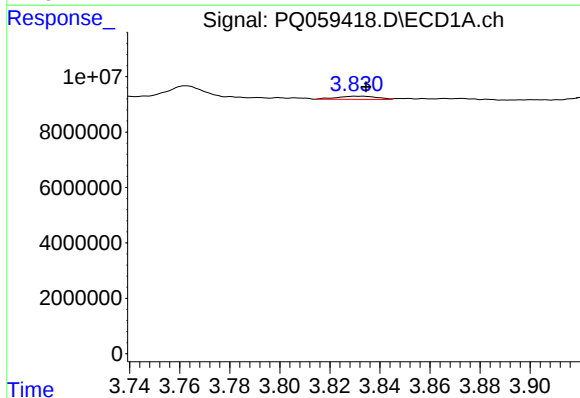
R.T.: 3.763 min
Delta R.T.: -0.003 min
Response: 5105260
Conc: 49.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



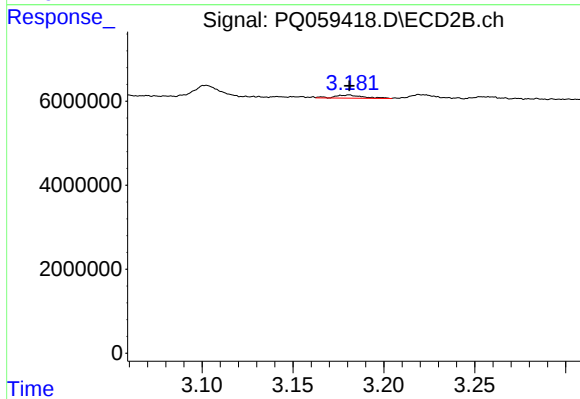
#9 AR-1221-2

R.T.: 3.102 min
Delta R.T.: -0.010 min
Response: 2812763
Conc: 41.09 ng/ml



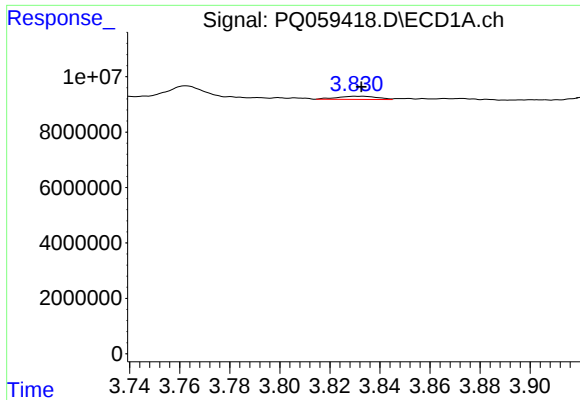
#10 AR-1221-3

R.T.: 3.830 min
Delta R.T.: -0.004 min
Response: 1262975
Conc: 3.79 ng/ml



#10 AR-1221-3

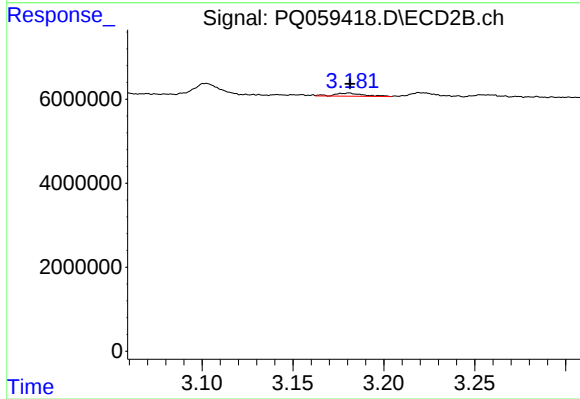
R.T.: 3.181 min
Delta R.T.: 0.000 min
Response: 782691
Conc: 3.41 ng/ml



#11 AR-1232-1

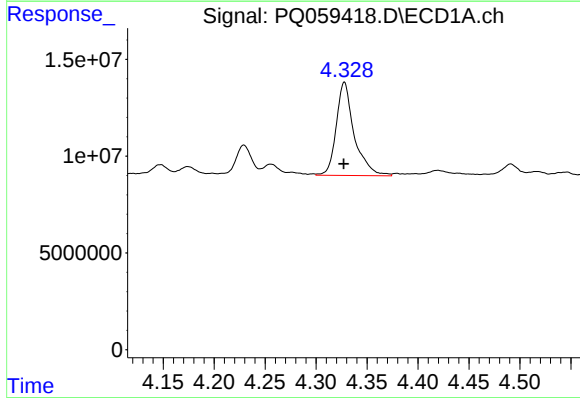
R.T.: 3.830 min
Delta R.T.: -0.003 min
Response: 1262975
Conc: 4.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



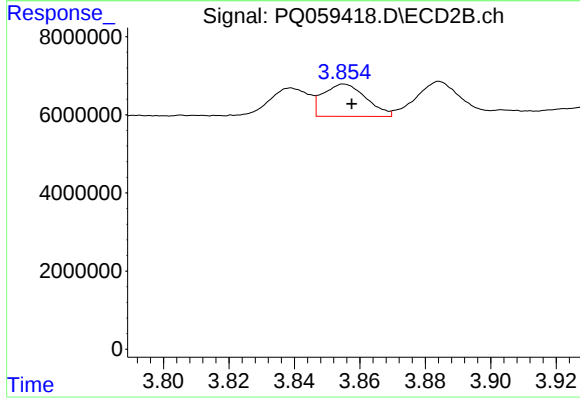
#11 AR-1232-1

R.T.: 3.181 min
Delta R.T.: 0.000 min
Response: 782691
Conc: 4.06 ng/ml



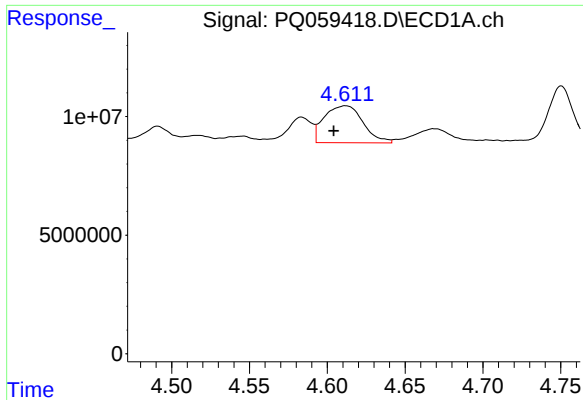
#12 AR-1232-2

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 59204975
Conc: 402.99 ng/ml



#12 AR-1232-2

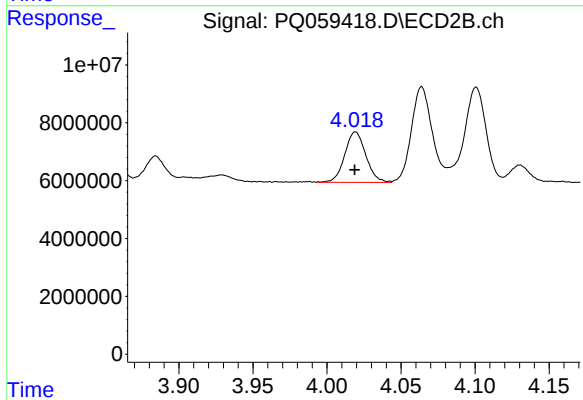
R.T.: 3.855 min
Delta R.T.: -0.002 min
Response: 7566517
Conc: 40.17 ng/ml



#13 AR-1232-3

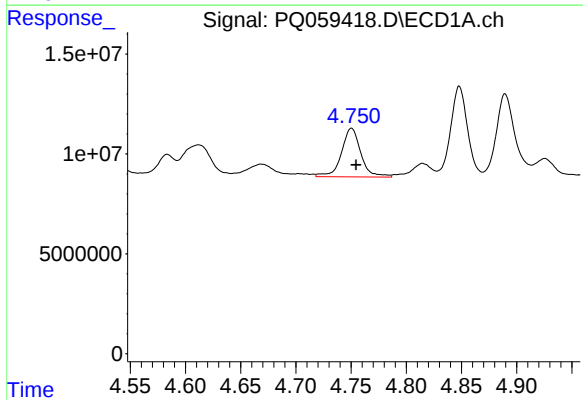
R.T.: 4.612 min
Delta R.T.: 0.008 min
Response: 26981367
Conc: 94.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



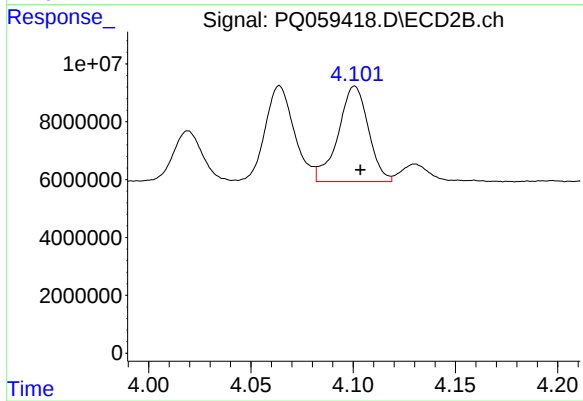
#13 AR-1232-3

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 17305118
Conc: 177.46 ng/ml



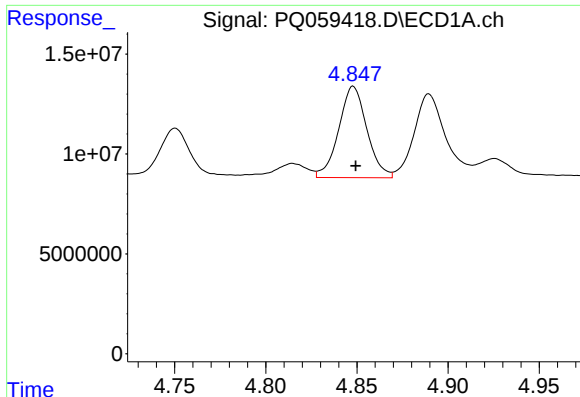
#14 AR-1232-4

R.T.: 4.750 min
Delta R.T.: -0.004 min
Response: 29957895
Conc: 200.23 ng/ml



#14 AR-1232-4

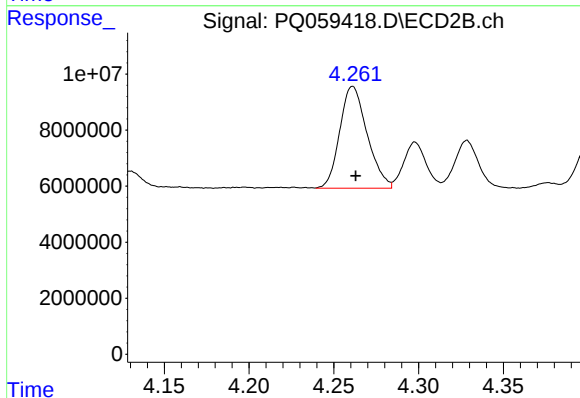
R.T.: 4.101 min
Delta R.T.: -0.003 min
Response: 33971420
Conc: 416.15 ng/ml



#15 AR-1232-5

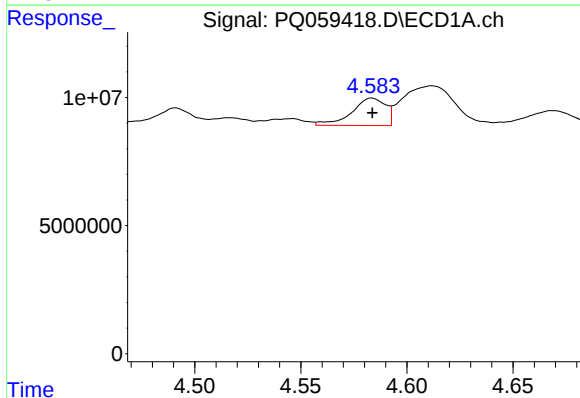
R.T.: 4.848 min
Delta R.T.: -0.001 min
Response: 49322749
Conc: 469.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



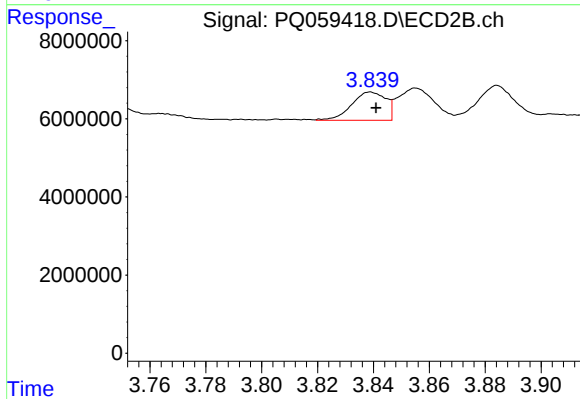
#15 AR-1232-5

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 40942117
Conc: 428.78 ng/ml



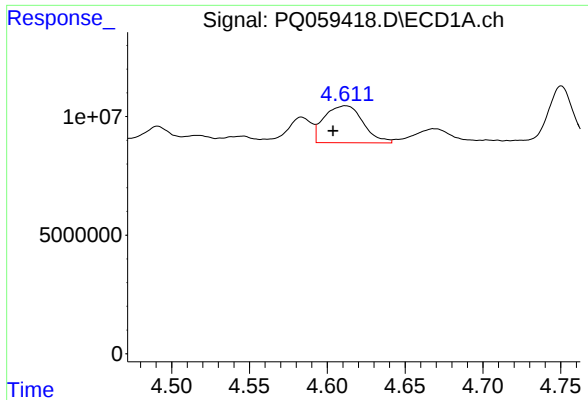
#16 AR-1242-1

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 11867122
Conc: 34.07 ng/ml



#16 AR-1242-1

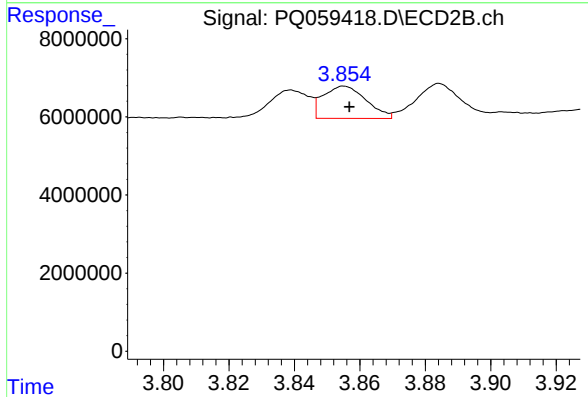
R.T.: 3.839 min
Delta R.T.: -0.002 min
Response: 6123352
Conc: 26.39 ng/ml



#17 AR-1242-2

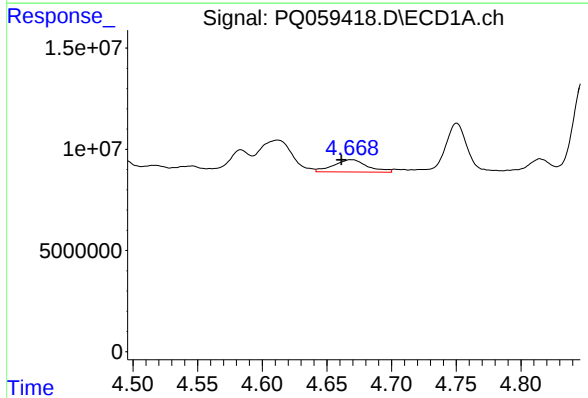
R.T.: 4.612 min
Delta R.T.: 0.008 min
Response: 26981367
Conc: 52.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



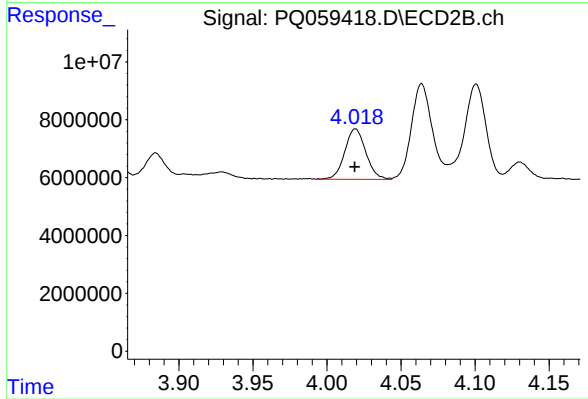
#17 AR-1242-2

R.T.: 3.855 min
Delta R.T.: -0.002 min
Response: 7566517
Conc: 21.71 ng/ml



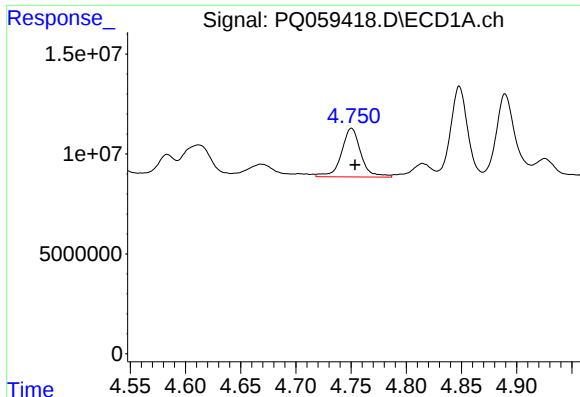
#18 AR-1242-3

R.T.: 4.668 min
Delta R.T.: 0.007 min
Response: 11132597
Conc: 34.43 ng/ml



#18 AR-1242-3

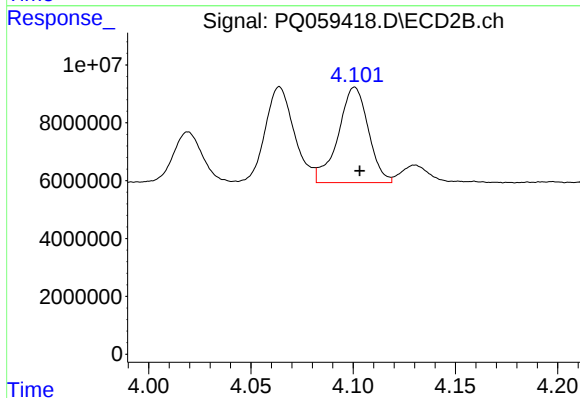
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 17305118
Conc: 94.70 ng/ml



#19 AR-1242-4

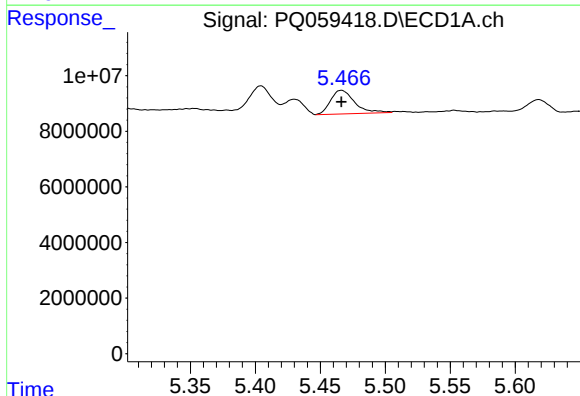
R.T.: 4.750 min
Delta R.T.: -0.003 min
Response: 29957895
Conc: 111.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



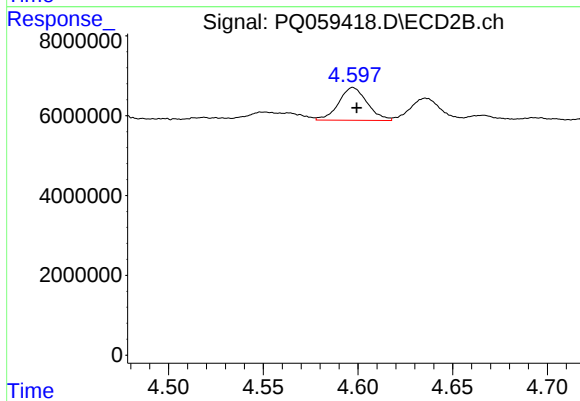
#19 AR-1242-4

R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 33971420
Conc: 201.40 ng/ml



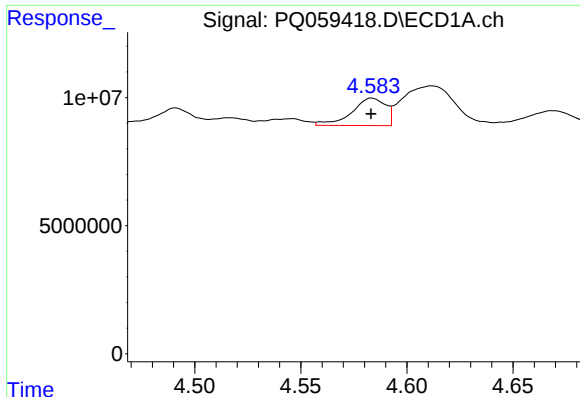
#20 AR-1242-5

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 10975934
Conc: 40.84 ng/ml



#20 AR-1242-5

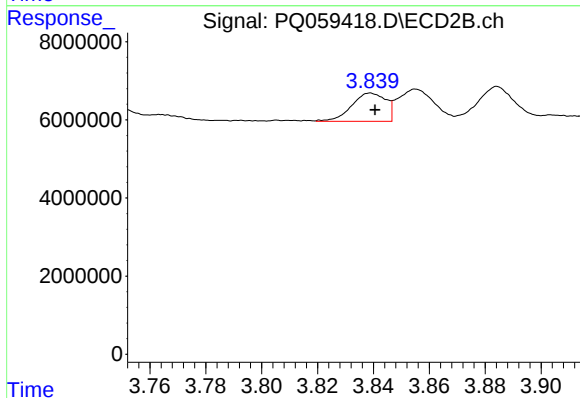
R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 8622063
Conc: 38.98 ng/ml



#21 AR-1248-1

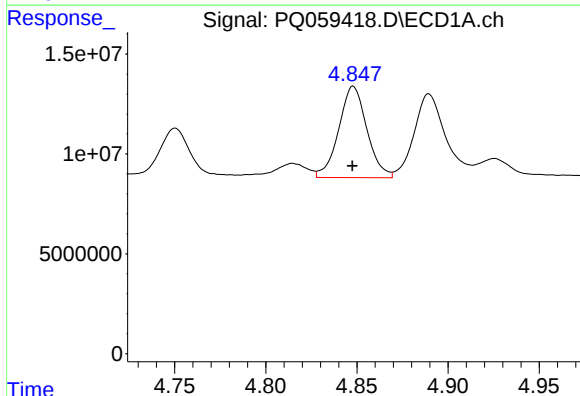
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 11867122
Conc: 44.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



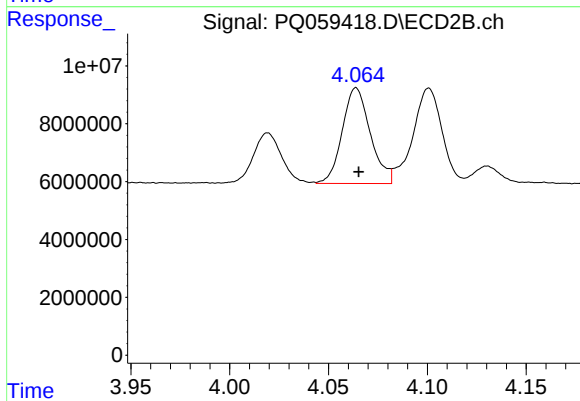
#21 AR-1248-1

R.T.: 3.839 min
Delta R.T.: -0.001 min
Response: 6123352
Conc: 34.44 ng/ml



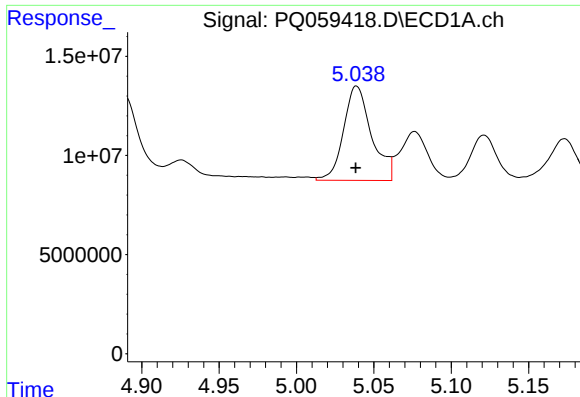
#22 AR-1248-2

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 49322749
Conc: 138.35 ng/ml



#22 AR-1248-2

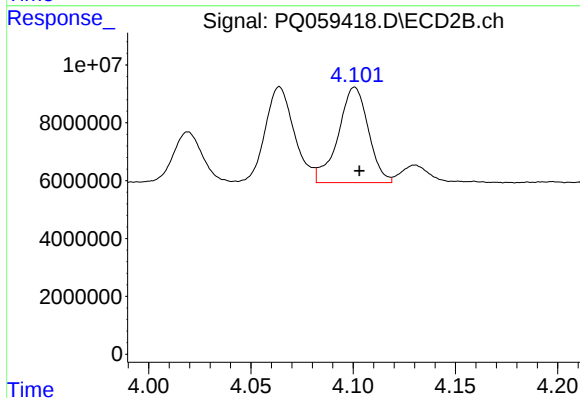
R.T.: 4.064 min
Delta R.T.: -0.001 min
Response: 32666240
Conc: 129.39 ng/ml



#23 AR-1248-3

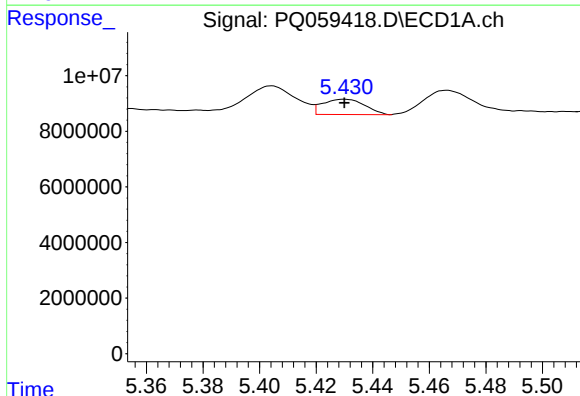
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 59868136
Conc: 139.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



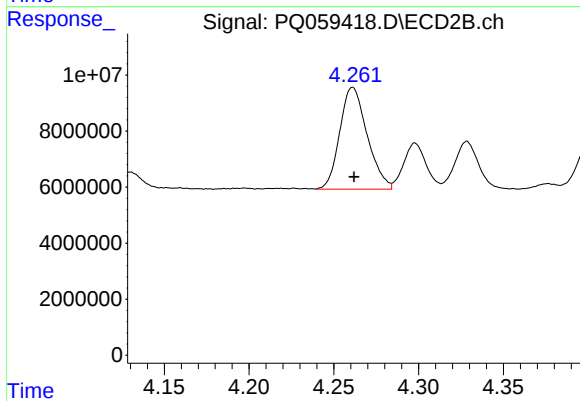
#23 AR-1248-3

R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 33971420
Conc: 134.55 ng/ml



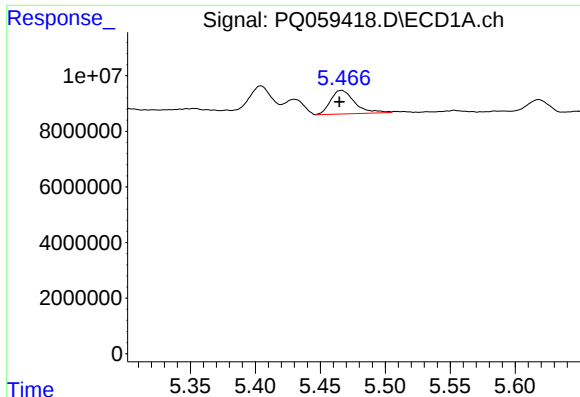
#24 AR-1248-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 5668044
Conc: 12.19 ng/ml



#24 AR-1248-4

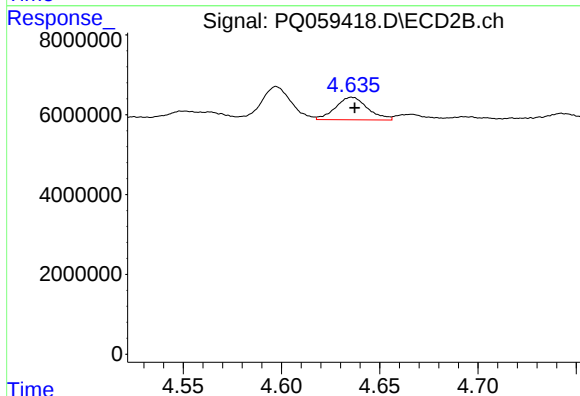
R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 40942117
Conc: 131.08 ng/ml



#25 AR-1248-5

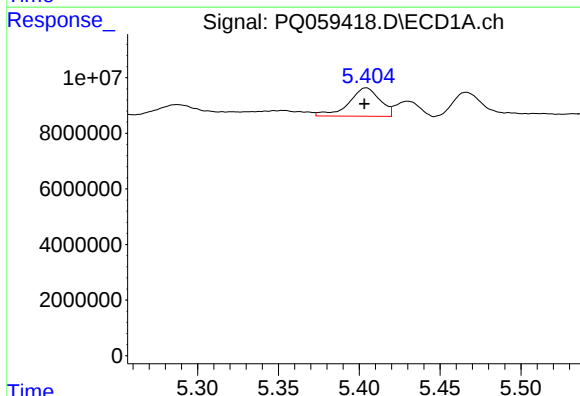
R.T.: 5.466 min
Delta R.T.: 0.001 min
Response: 10975934
Conc: 23.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



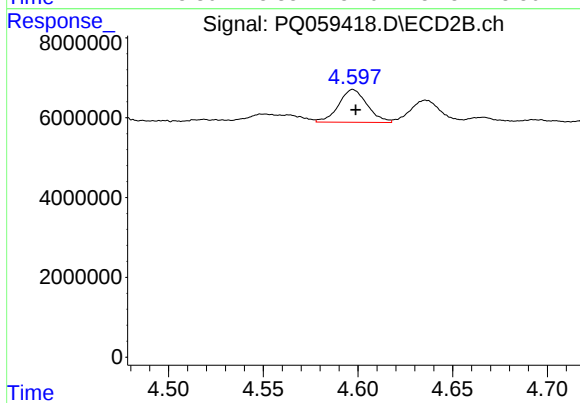
#25 AR-1248-5

R.T.: 4.636 min
Delta R.T.: -0.001 min
Response: 6416227
Conc: 20.42 ng/ml



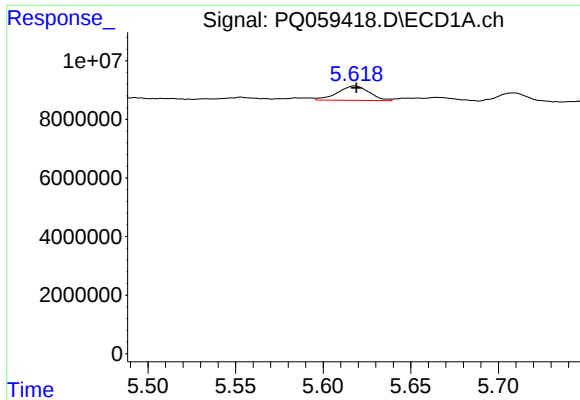
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.001 min
Response: 13657474
Conc: 28.48 ng/ml



#26 AR-1254-1

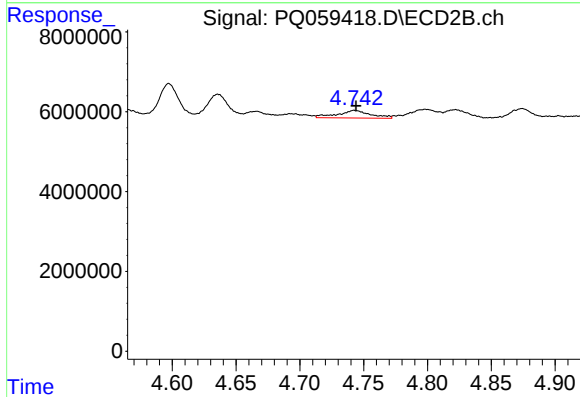
R.T.: 4.597 min
Delta R.T.: -0.001 min
Response: 8622063
Conc: 17.64 ng/ml



#27 AR-1254-2

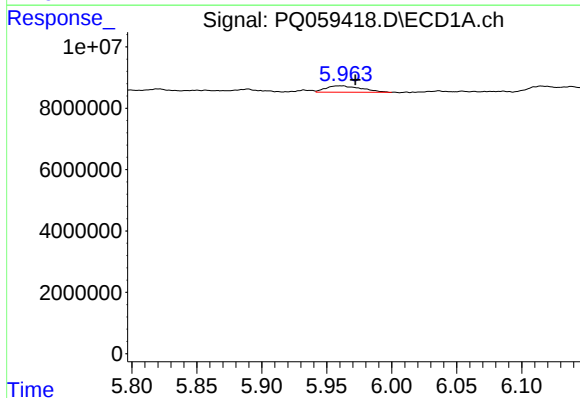
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 6182346
Conc: 8.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



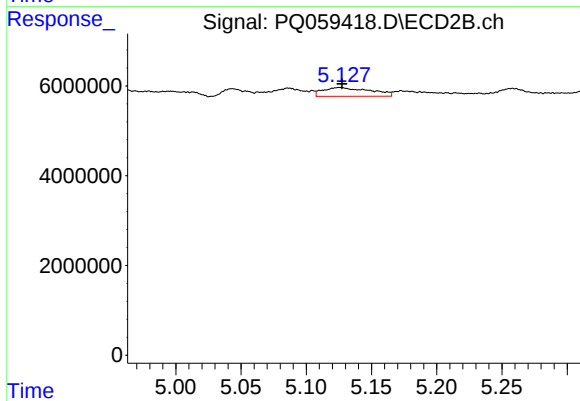
#27 AR-1254-2

R.T.: 4.743 min
Delta R.T.: -0.001 min
Response: 3390619
Conc: 7.83 ng/ml



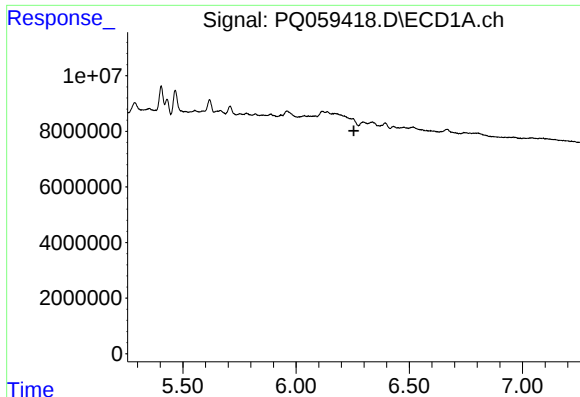
#28 AR-1254-3

R.T.: 5.961 min
Delta R.T.: -0.011 min
Response: 3889710
Conc: 4.97 ng/ml



#28 AR-1254-3

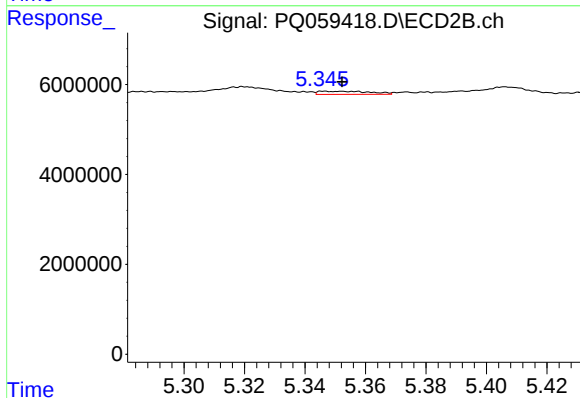
R.T.: 5.126 min
Delta R.T.: -0.001 min
Response: 4938529
Conc: 7.13 ng/ml



#29 AR-1254-4

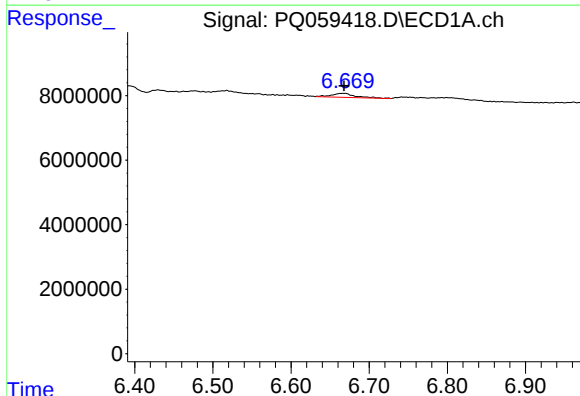
R.T.: 0.000 min
Exp R.T.: 6.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



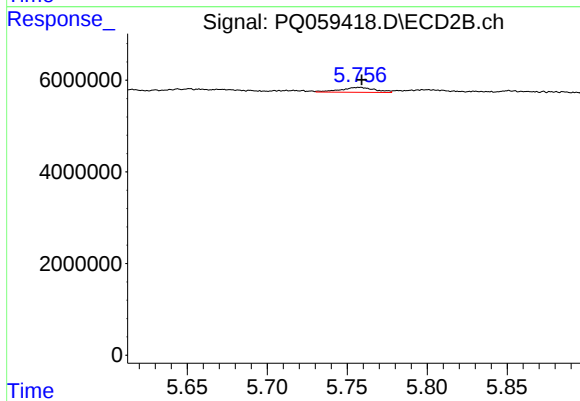
#29 AR-1254-4

R.T.: 5.347 min
Delta R.T.: -0.005 min
Response: 831061
Conc: 1.93 ng/ml



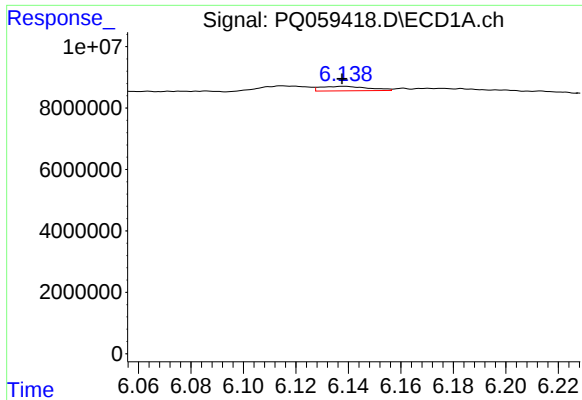
#30 AR-1254-5

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 2606118
Conc: 4.40 ng/ml



#30 AR-1254-5

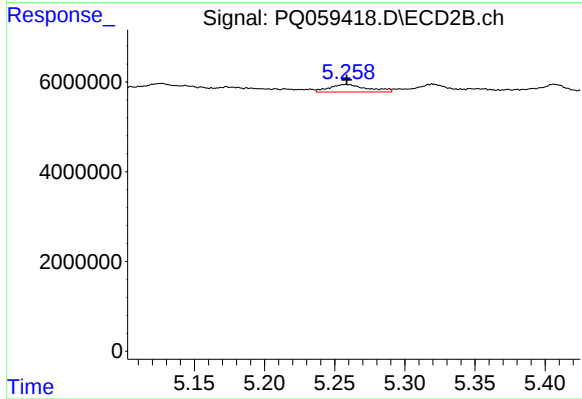
R.T.: 5.758 min
Delta R.T.: -0.001 min
Response: 1646858
Conc: 2.66 ng/ml



#31 AR-1260-1

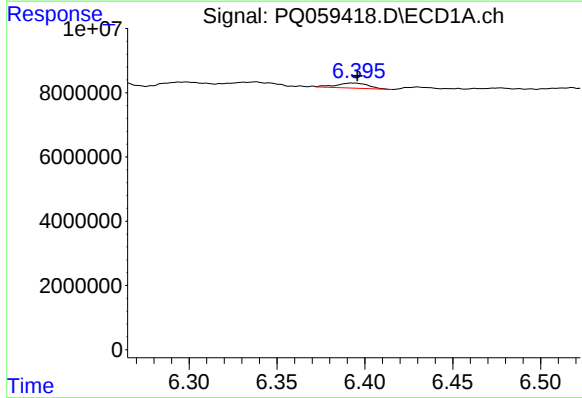
R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 1893920
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



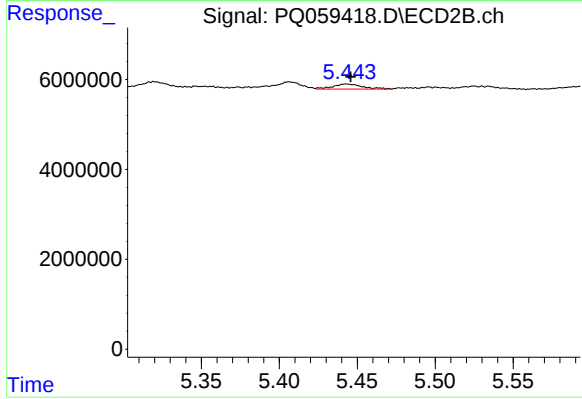
#31 AR-1260-1

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 3152463
Conc: 7.00 ng/ml



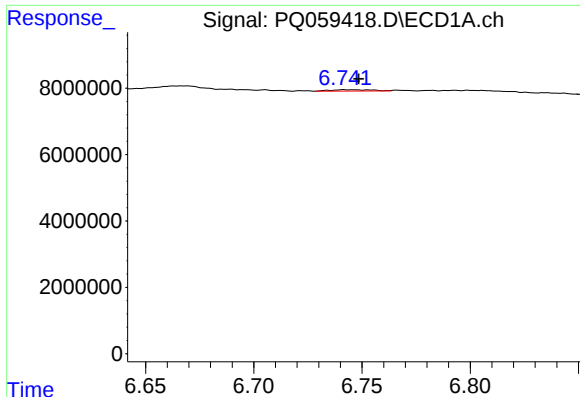
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 2004817
Conc: 3.14 ng/ml



#32 AR-1260-2

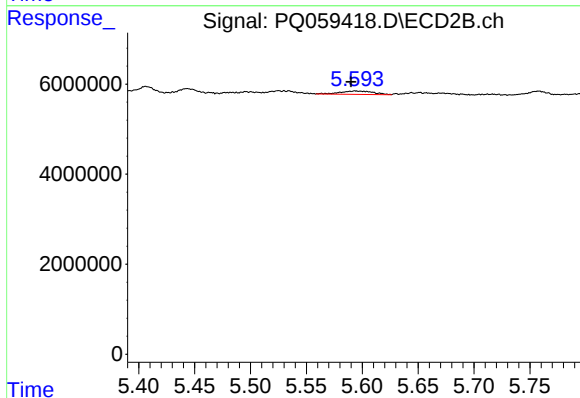
R.T.: 5.443 min
Delta R.T.: -0.003 min
Response: 1493043
Conc: 2.71 ng/ml



#33 AR-1260-3

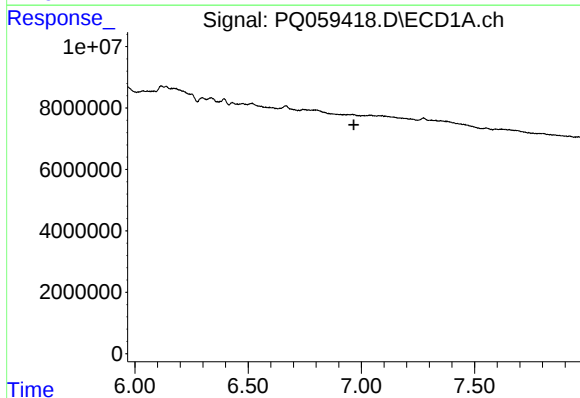
R.T.: 6.742 min
Delta R.T.: -0.007 min
Response: 583907
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



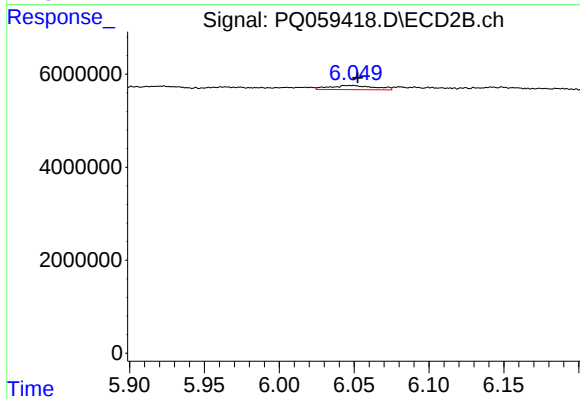
#33 AR-1260-3

R.T.: 5.594 min
Delta R.T.: 0.004 min
Response: 1539328
Conc: 2.97 ng/ml



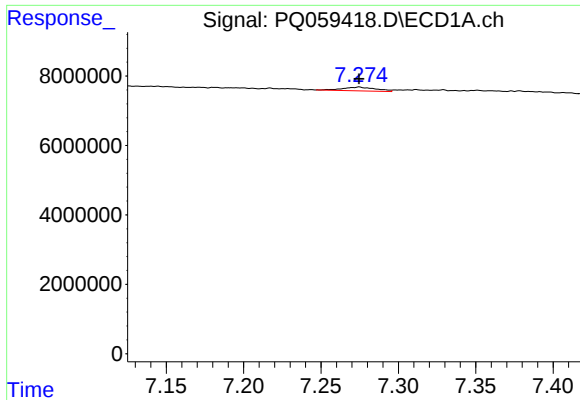
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#34 AR-1260-4

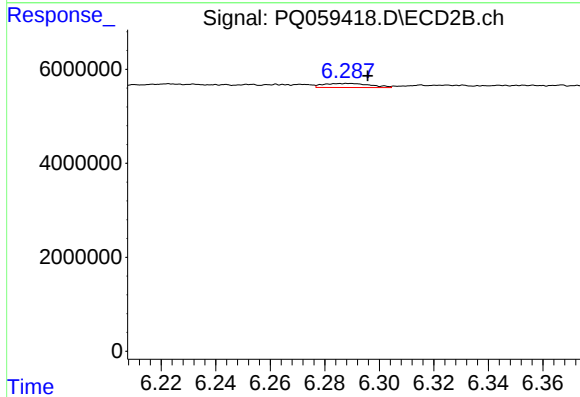
R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 1874001
Conc: 4.24 ng/ml



#35 AR-1260-5

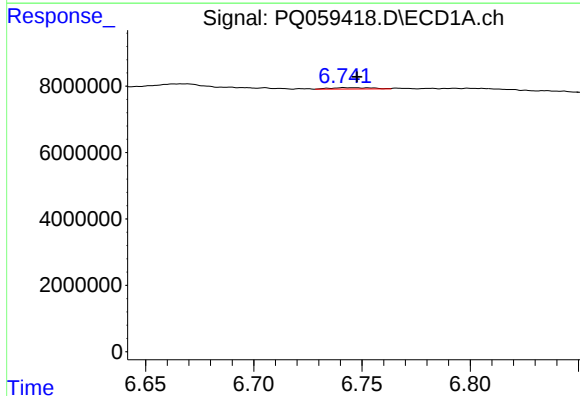
R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 1616312
Conc: 1.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



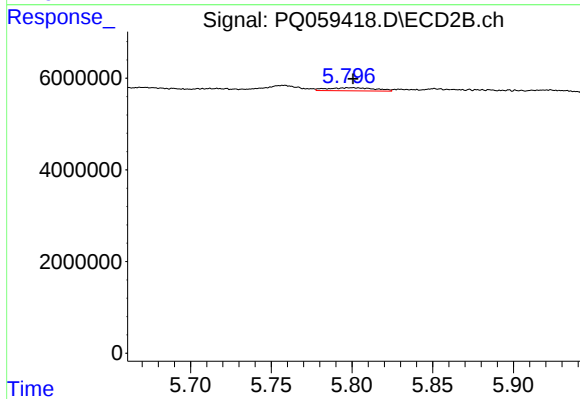
#35 AR-1260-5

R.T.: 6.289 min
Delta R.T.: -0.007 min
Response: 1035641
Conc: 1.02 ng/ml



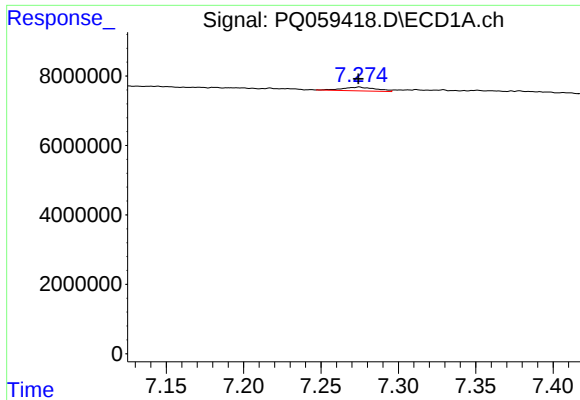
#36 AR-1262-1

R.T.: 6.742 min
Delta R.T.: -0.006 min
Response: 583907
Conc: 0.84 ng/ml



#36 AR-1262-1

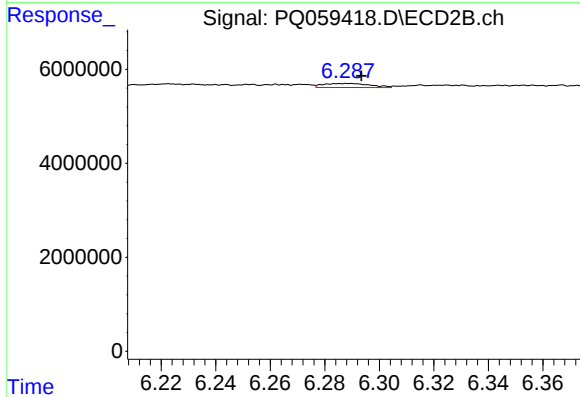
R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 1381964
Conc: 2.17 ng/ml



#37 AR-1262-2

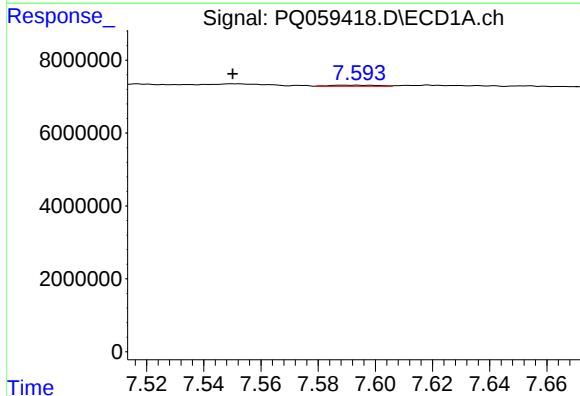
R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 1616312
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



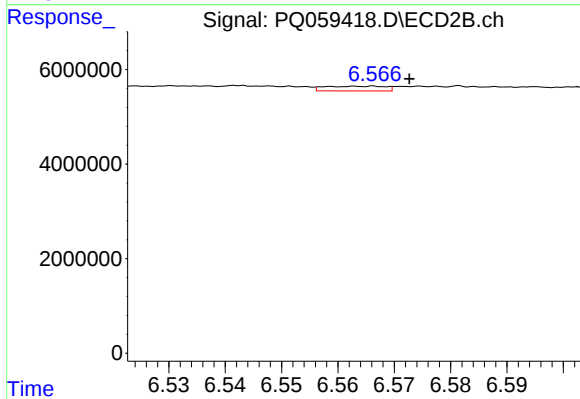
#37 AR-1262-2

R.T.: 6.289 min
Delta R.T.: -0.005 min
Response: 1035641
Conc: 0.89 ng/ml



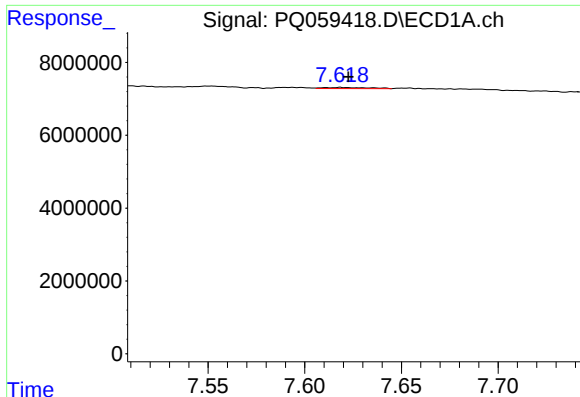
#38 AR-1262-3

R.T.: 7.593 min
Delta R.T.: 0.043 min
Response: 348311
Conc: 0.52 ng/ml



#38 AR-1262-3

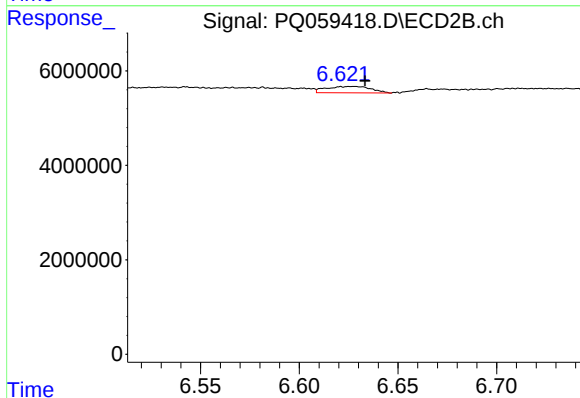
R.T.: 6.565 min
Delta R.T.: -0.007 min
Response: 739797
Conc: 1.61 ng/ml



#39 AR-1262-4

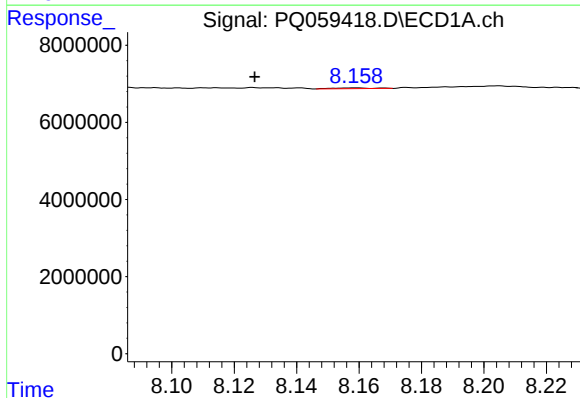
R.T.: 7.619 min
Delta R.T.: -0.004 min
Response: 504721
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



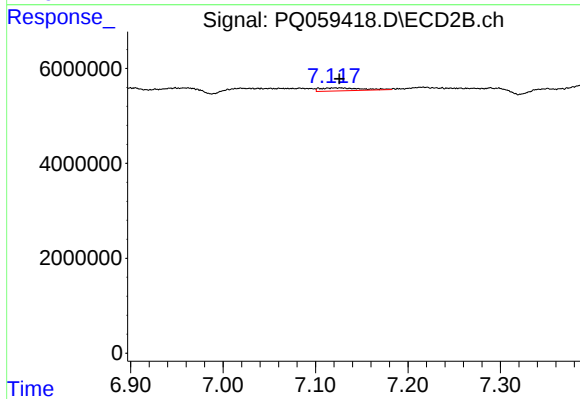
#39 AR-1262-4

R.T.: 6.627 min
Delta R.T.: -0.006 min
Response: 2141566
Conc: 2.44 ng/ml



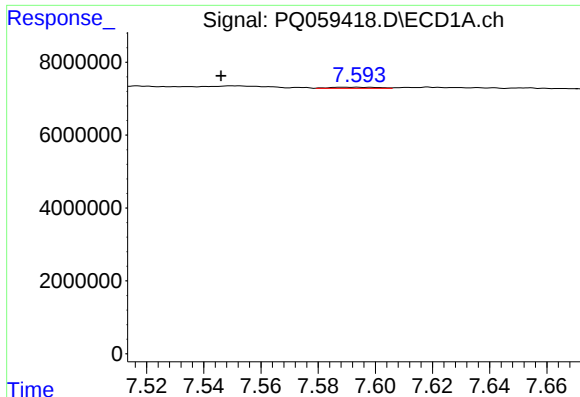
#40 AR-1262-5

R.T.: 8.159 min
Delta R.T.: 0.032 min
Response: 166539
Conc: 0.58 ng/ml



#40 AR-1262-5

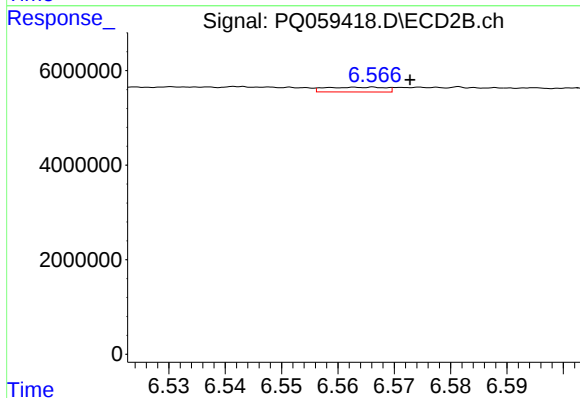
R.T.: 7.121 min
Delta R.T.: -0.005 min
Response: 1969530
Conc: 4.96 ng/ml



#41 AR-1268-1

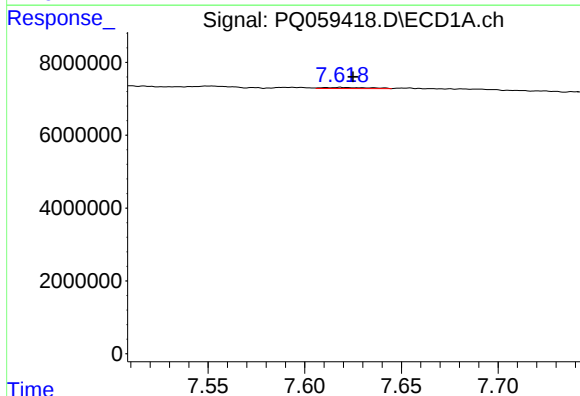
R.T.: 7.593 min
Delta R.T.: 0.047 min
Response: 348311
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



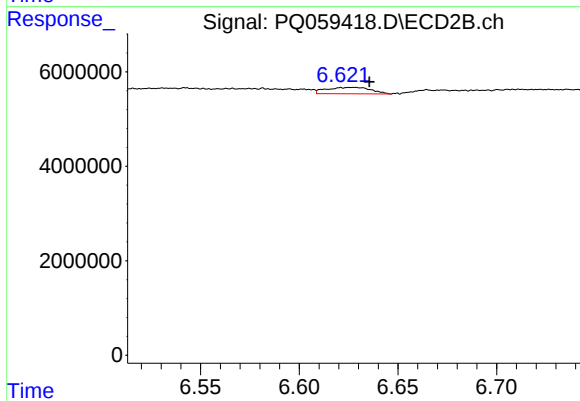
#41 AR-1268-1

R.T.: 6.565 min
Delta R.T.: -0.007 min
Response: 739797
Conc: 0.53 ng/ml



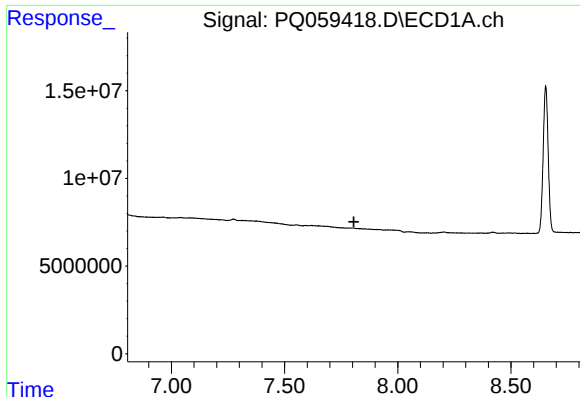
#42 AR-1268-2

R.T.: 7.619 min
Delta R.T.: -0.006 min
Response: 504721
Conc: 0.48 ng/ml



#42 AR-1268-2

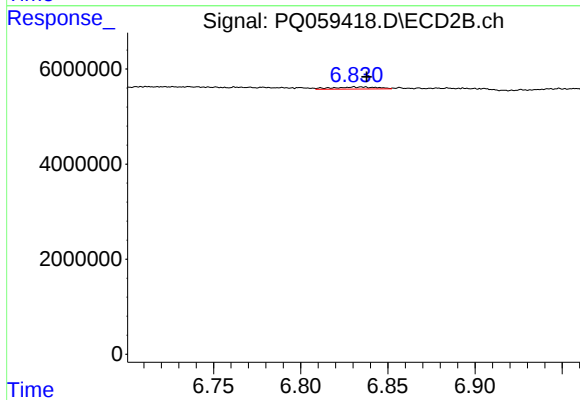
R.T.: 6.627 min
Delta R.T.: -0.008 min
Response: 2141566
Conc: 1.66 ng/ml



#43 AR-1268-3

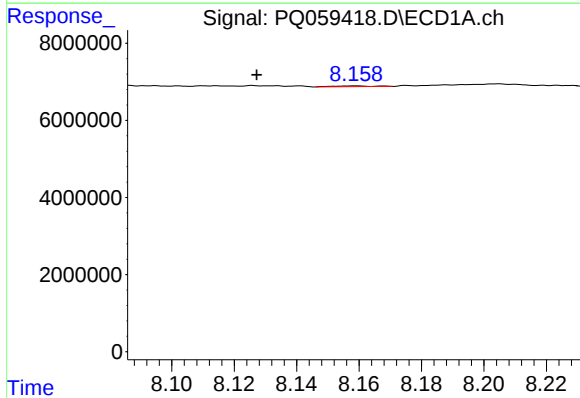
R.T.: 0.000 min
Exp R.T.: 7.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



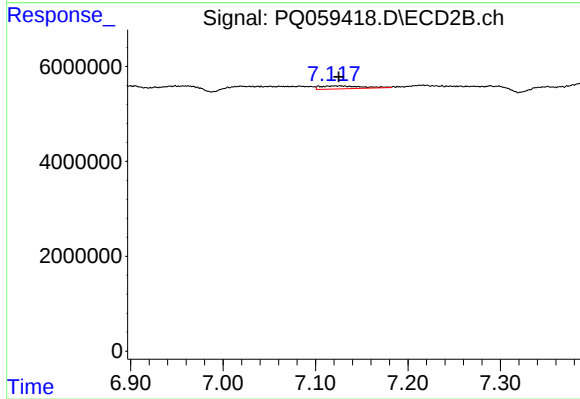
#43 AR-1268-3

R.T.: 6.831 min
Delta R.T.: -0.007 min
Response: 787756
Conc: 0.71 ng/ml



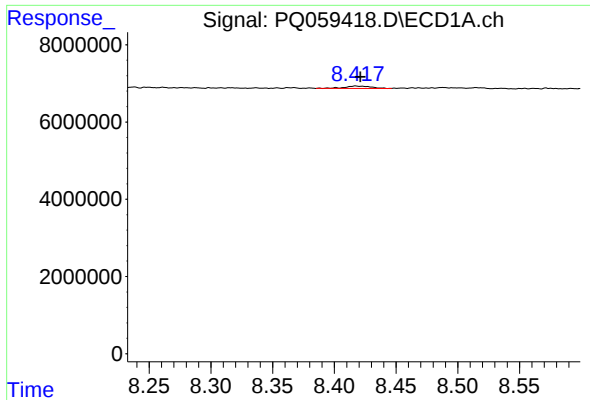
#44 AR-1268-4

R.T.: 8.159 min
Delta R.T.: 0.032 min
Response: 166539
Conc: 0.52 ng/ml



#44 AR-1268-4

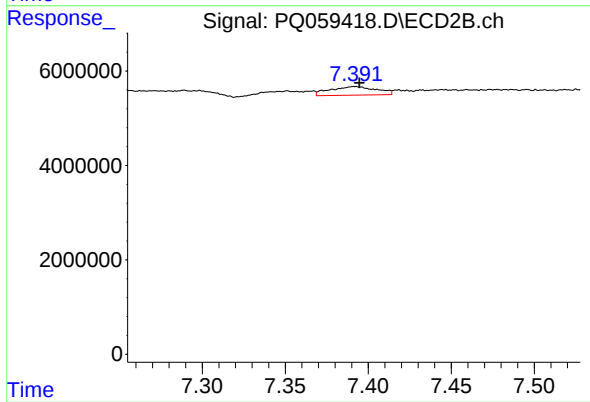
R.T.: 7.121 min
Delta R.T.: -0.004 min
Response: 1969530
Conc: 4.35 ng/ml



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 914440
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 3569365
Conc: 1.00 ng/ml