

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100622\
 Data File : PQ059469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2022 12:44
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 22:59:46 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	2.830	260.8E6	178.4E6	18.939	19.699
2)	SA Decachlor...	8.654	7.610	204.1E6	298.7E6	41.108	39.113
Target Compounds							
3)	L1 AR-1016-1	4.583	3.838	100.8E6	68105310	240.353	241.516
4)	L1 AR-1016-2	4.603	3.854	122.1E6	72526806	197.013	170.753
5)	L1 AR-1016-3	4.661	4.017	60997651	47002963	154.547	211.330 #
6)	L1 AR-1016-4	4.751	4.063	68317327	95365899	207.471	557.815 #
7)	L1 AR-1016-5	5.038	4.260	159.0E6	117.8E6	506.903	522.717
8)	L2 AR-1221-1	3.677	3.031	1127769	1213309	7.624	12.215 #
9)	L2 AR-1221-2	3.762	3.104	5360311	3301723	51.792	48.235
10)	L2 AR-1221-3	3.831	3.179	9085629	5791924	27.290	25.255
11)	L3 AR-1232-1	3.831	3.179	9085629	5791924	32.284	30.079
12)	L3 AR-1232-2	4.326	3.854	46116981	72526806	313.905	385.076
13)	L3 AR-1232-3	4.603	4.017	122.1E6	47002963	427.980	481.996
14)	L3 AR-1232-4	4.751	4.100	68317327	94374309	456.615	1156.099 #
15)	L3 AR-1232-5	4.848	4.260	134.7E6	117.8E6	1283.692	1233.347
16)	L4 AR-1242-1	4.583	3.838	100.8E6	68105310	289.368	293.499
17)	L4 AR-1242-2	4.603	3.854	122.1E6	72526806	238.785	208.057
18)	L4 AR-1242-3	4.661	4.017	60997651	47002963	188.623	257.228 #
19)	L4 AR-1242-4	4.751	4.100	68317327	94374309	253.528	559.510 #
20)	L4 AR-1242-5	5.465	4.597	174.8E6	168.7E6	650.572	762.635
21)	L5 AR-1248-1	4.583	3.838	100.8E6	68105310	380.054	383.079
22)	L5 AR-1248-2	4.848	4.063	134.7E6	95365899	377.929	377.750
23)	L5 AR-1248-3	5.038	4.100	159.0E6	94374309	370.241	373.792
24)	L5 AR-1248-4	5.430	4.260	175.3E6	117.8E6	377.243	377.045
25)	L5 AR-1248-5	5.465	4.634	174.8E6	119.8E6	379.813	381.433
26)	L6 AR-1254-1	5.402	4.597	142.7E6	168.7E6	297.565	345.067
27)	L6 AR-1254-2	5.617	4.742	180.8E6	48462345	243.041	111.905 #
28)	L6 AR-1254-3	5.972	5.125	99395456	78784009	127.034	113.695
29)	L6 AR-1254-4	6.255	5.350	65622204	51445228	120.045	119.500
30)	L6 AR-1254-5	6.667	5.757	16643170	16346118	28.073	26.408
31)	L7 AR-1260-1	6.137	5.260	11502855	37725620	20.675	83.730 #
32)	L7 AR-1260-2	6.393	5.442	7217214	6148326	11.305	11.180
33)	L7 AR-1260-3	6.748	5.582	937996	8676699	2.097	16.725 #
34)	L7 AR-1260-4	6.944	6.047	7282264	1471965	15.102	3.330 #
35)	L7 AR-1260-5	7.273	6.290	5354279	3353552	6.073	3.288 #
36)	L8 AR-1262-1	6.748	5.821	937996	1656597	1.349	2.600 #
37)	L8 AR-1262-2	7.273	6.290	5354279	3353552	4.926	2.867 #
38)	L8 AR-1262-3	7.550	6.569	1594429	2026818	2.398	4.401 #
39)	L8 AR-1262-4	7.620	6.629	753569	2688618	2.396	3.068 #
40)	L8 AR-1262-5	8.126	7.125	563958	895624	1.976	2.254
41)	L9 AR-1268-1	7.550	6.569	1594429	2026818	1.365	1.441

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100622\
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 Acq On : 05 Oct 2022 12:44
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

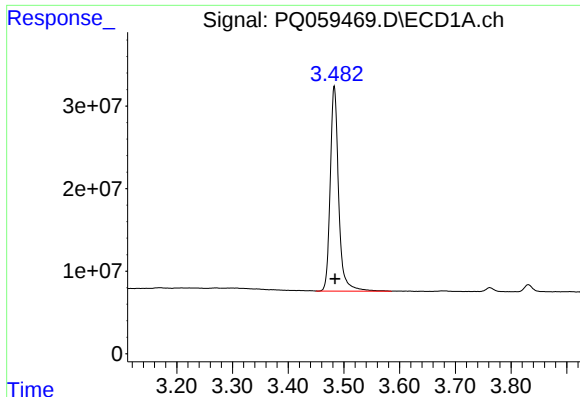
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 22:59:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
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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	7.620	6.629	753569	2688618	0.720	2.078 #
43) L9	AR-1268-3	7.803	6.836	851358	900642	1.013	0.816
44) L9	AR-1268-4	8.126	7.125	563958	895624	1.746	1.977
45) L9	AR-1268-5	8.419	7.391	1869193	2772742	0.830	0.775

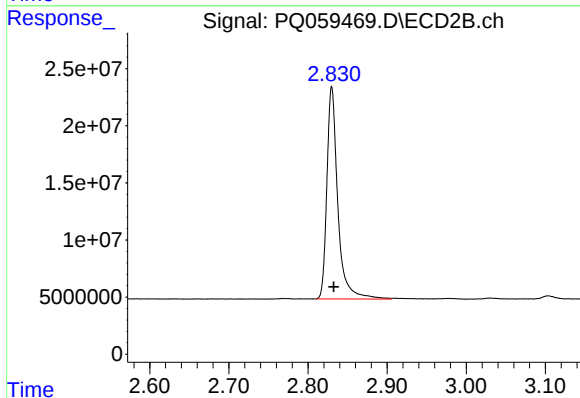
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

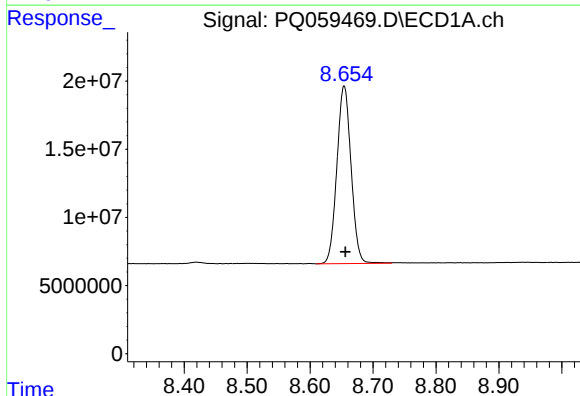
R.T.: 3.483 min
Delta R.T.: -0.001 min
Response: 260769477
Conc: 18.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



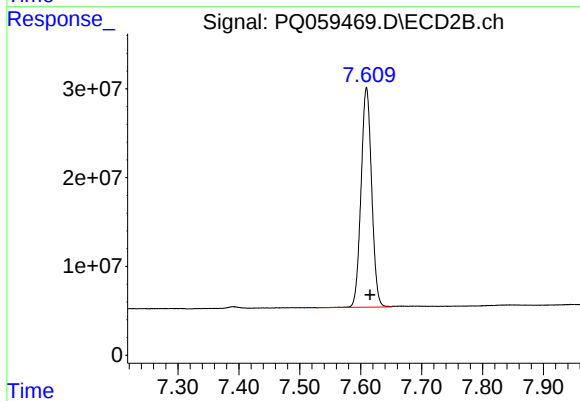
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: -0.002 min
Response: 178440239
Conc: 19.70 ng/ml



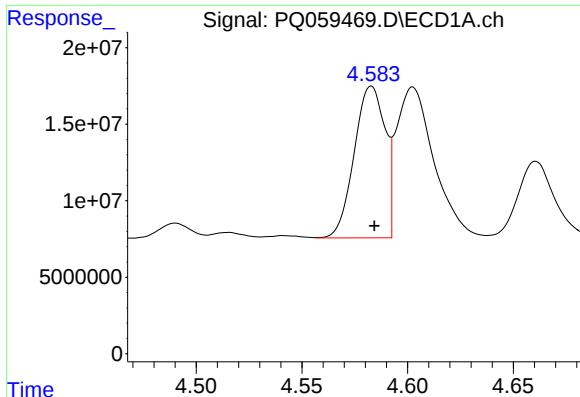
#2 Decachlorobiphenyl

R.T.: 8.654 min
Delta R.T.: -0.002 min
Response: 204144992
Conc: 41.11 ng/ml



#2 Decachlorobiphenyl

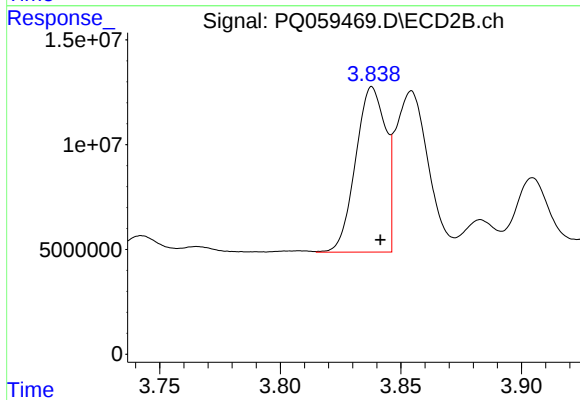
R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 298674239
Conc: 39.11 ng/ml



#3 AR-1016-1

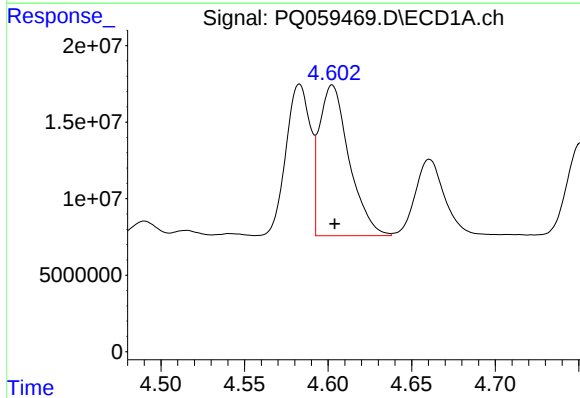
R.T.: 4.583 min
Delta R.T.: -0.002 min
Response: 100801101
Conc: 240.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



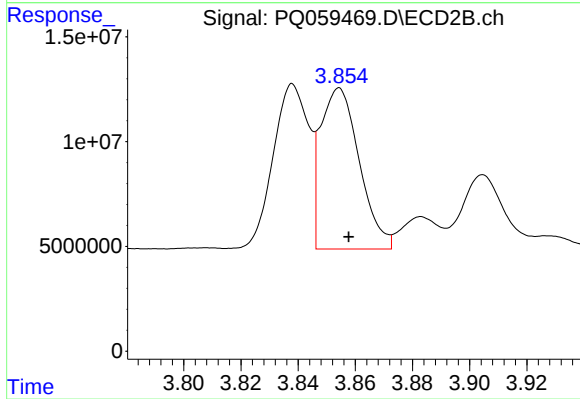
#3 AR-1016-1

R.T.: 3.838 min
Delta R.T.: -0.003 min
Response: 68105310
Conc: 241.52 ng/ml



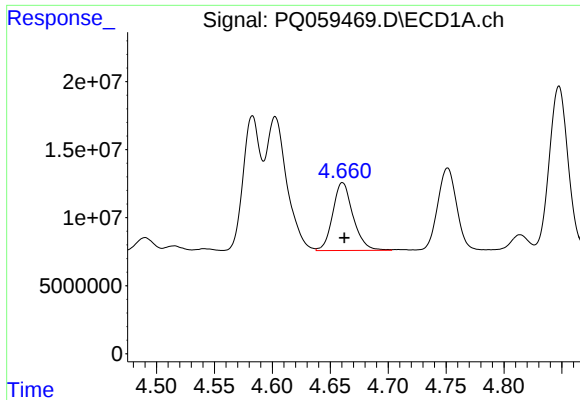
#4 AR-1016-2

R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 122137244
Conc: 197.01 ng/ml



#4 AR-1016-2

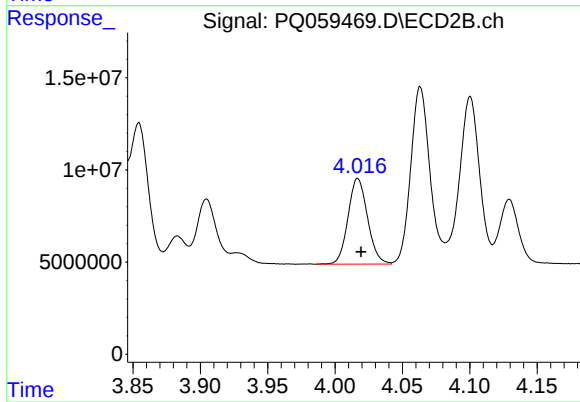
R.T.: 3.854 min
Delta R.T.: -0.003 min
Response: 72526806
Conc: 170.75 ng/ml



#5 AR-1016-3

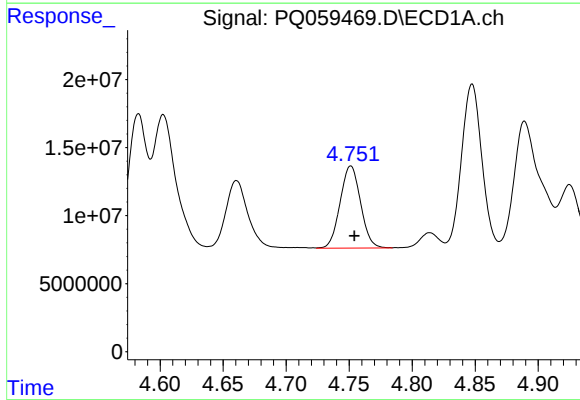
R.T.: 4.661 min
Delta R.T.: -0.002 min
Response: 60997651
Conc: 154.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



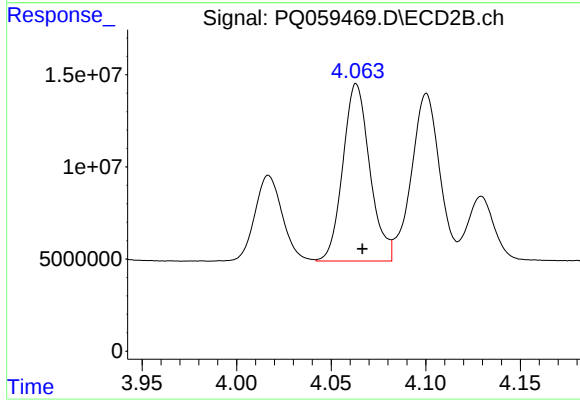
#5 AR-1016-3

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 47002963
Conc: 211.33 ng/ml



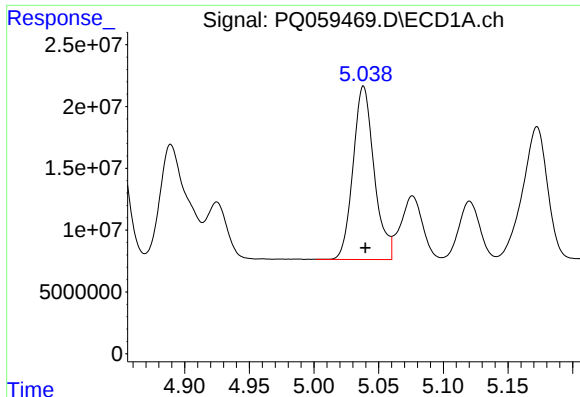
#6 AR-1016-4

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 68317327
Conc: 207.47 ng/ml



#6 AR-1016-4

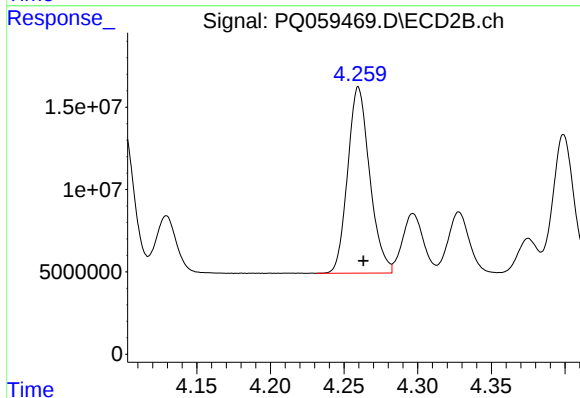
R.T.: 4.063 min
Delta R.T.: -0.003 min
Response: 95365899
Conc: 557.81 ng/ml



#7 AR-1016-5

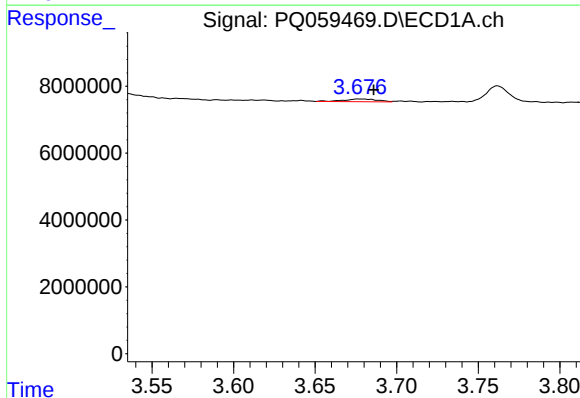
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 159010636
Conc: 506.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



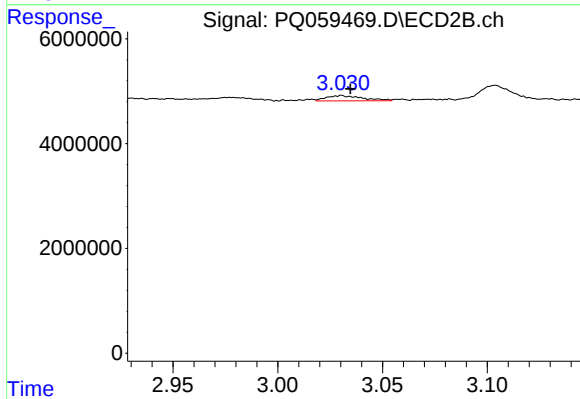
#7 AR-1016-5

R.T.: 4.260 min
Delta R.T.: -0.003 min
Response: 117766588
Conc: 522.72 ng/ml



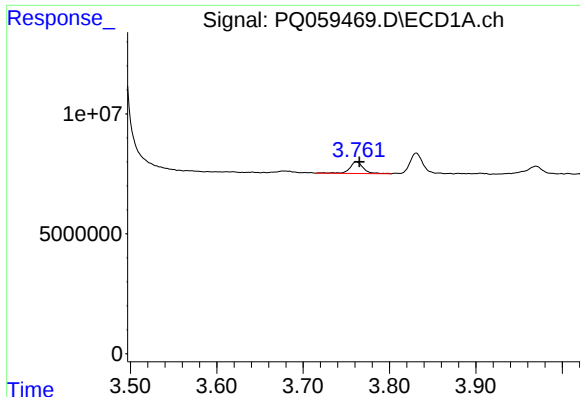
#8 AR-1221-1

R.T.: 3.677 min
Delta R.T.: -0.009 min
Response: 1127769
Conc: 7.62 ng/ml



#8 AR-1221-1

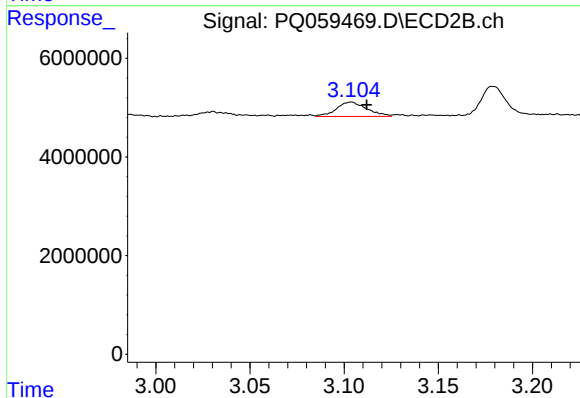
R.T.: 3.031 min
Delta R.T.: -0.004 min
Response: 1213309
Conc: 12.21 ng/ml



#9 AR-1221-2

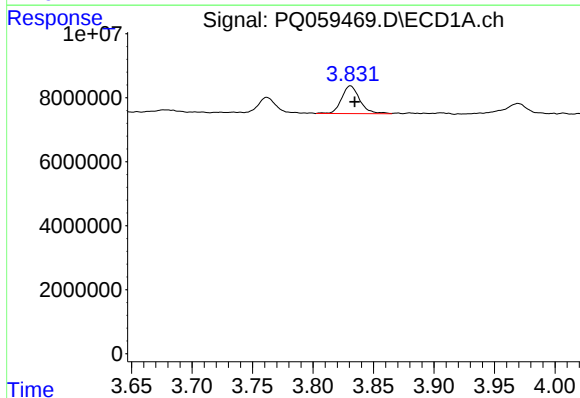
R.T.: 3.762 min
Delta R.T.: -0.003 min
Response: 5360311
Conc: 51.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



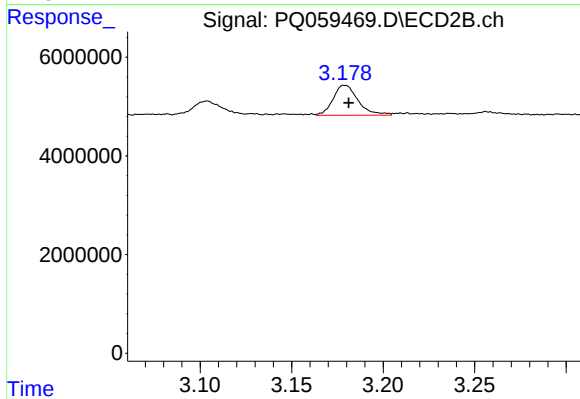
#9 AR-1221-2

R.T.: 3.104 min
Delta R.T.: -0.008 min
Response: 3301723
Conc: 48.24 ng/ml



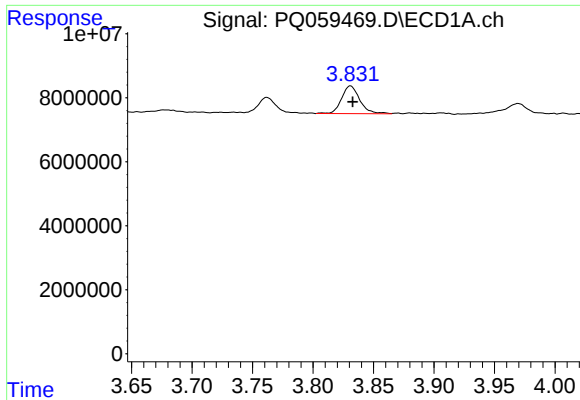
#10 AR-1221-3

R.T.: 3.831 min
Delta R.T.: -0.004 min
Response: 9085629
Conc: 27.29 ng/ml



#10 AR-1221-3

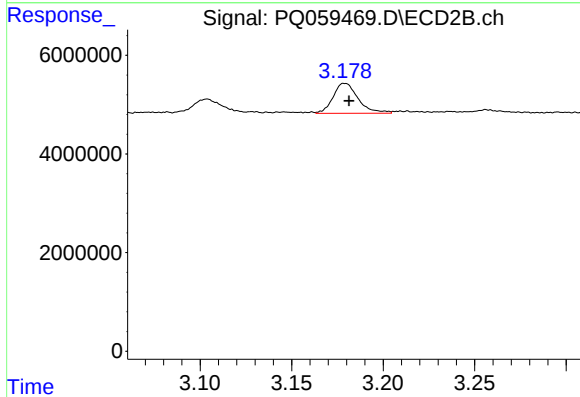
R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 5791924
Conc: 25.25 ng/ml



#11 AR-1232-1

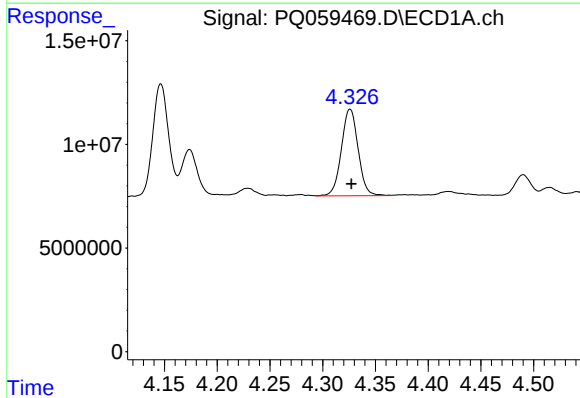
R.T.: 3.831 min
Delta R.T.: -0.002 min
Response: 9085629
Conc: 32.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



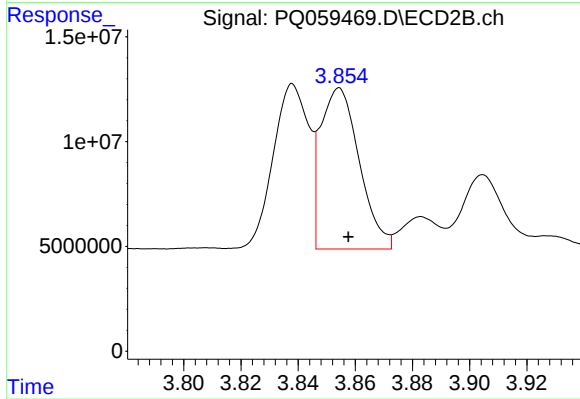
#11 AR-1232-1

R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 5791924
Conc: 30.08 ng/ml



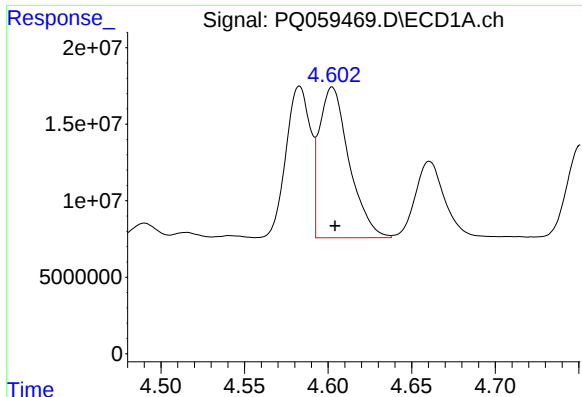
#12 AR-1232-2

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 46116981
Conc: 313.90 ng/ml



#12 AR-1232-2

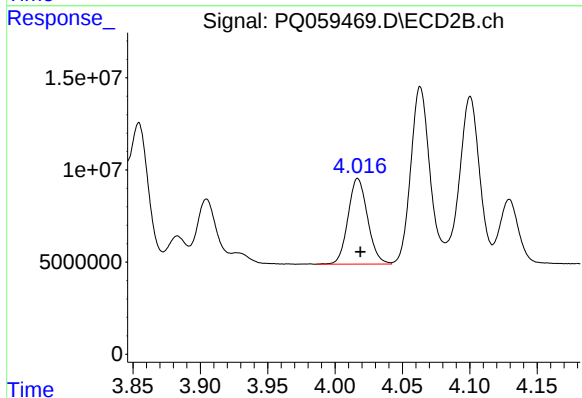
R.T.: 3.854 min
Delta R.T.: -0.003 min
Response: 72526806
Conc: 385.08 ng/ml



#13 AR-1232-3

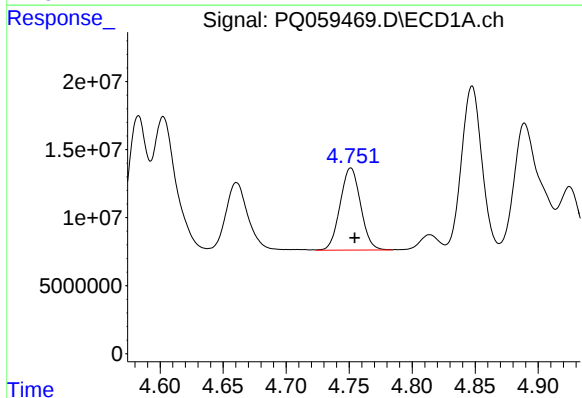
R.T.: 4.603 min
Delta R.T.: -0.002 min
Response: 122137244
Conc: 427.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



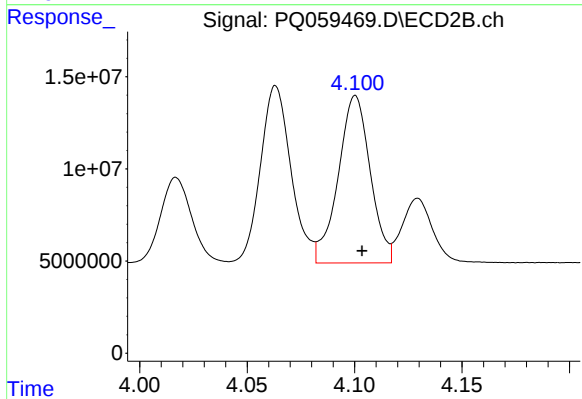
#13 AR-1232-3

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 47002963
Conc: 482.00 ng/ml



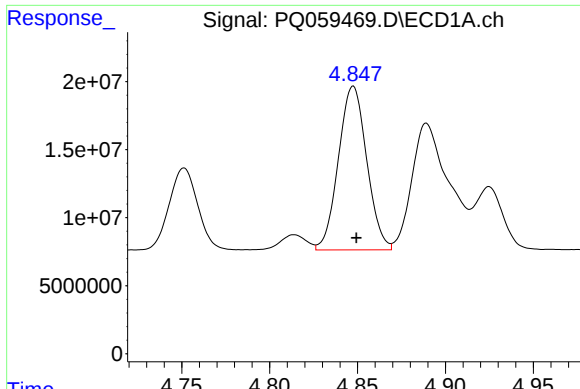
#14 AR-1232-4

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 68317327
Conc: 456.62 ng/ml



#14 AR-1232-4

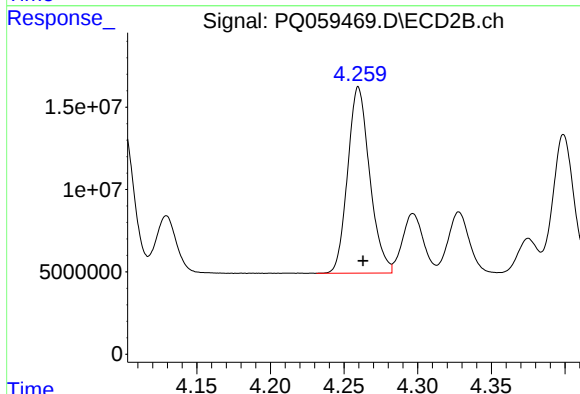
R.T.: 4.100 min
Delta R.T.: -0.003 min
Response: 94374309
Conc: 1156.10 ng/ml



#15 AR-1232-5

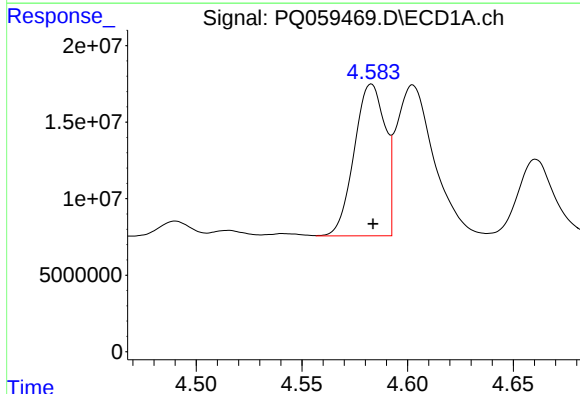
R.T.: 4.848 min
Delta R.T.: -0.002 min
Response: 134737388
Conc: 1283.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



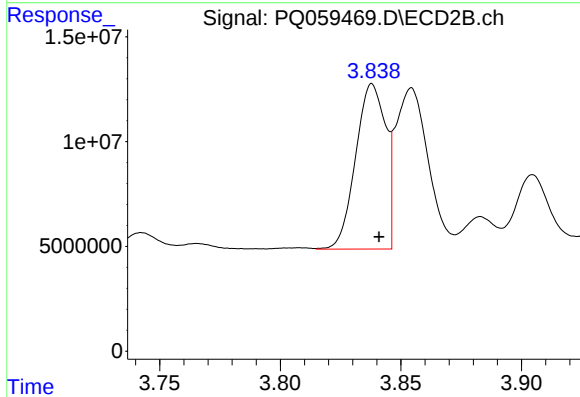
#15 AR-1232-5

R.T.: 4.260 min
Delta R.T.: -0.003 min
Response: 117766588
Conc: 1233.35 ng/ml



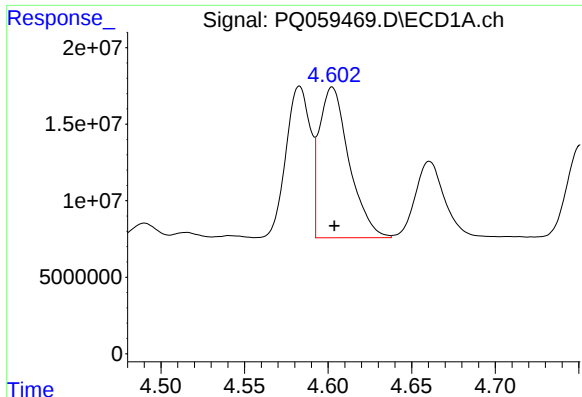
#16 AR-1242-1

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 100801101
Conc: 289.37 ng/ml



#16 AR-1242-1

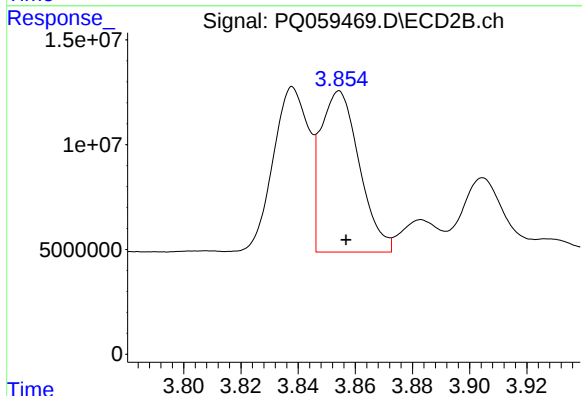
R.T.: 3.838 min
Delta R.T.: -0.003 min
Response: 68105310
Conc: 293.50 ng/ml



#17 AR-1242-2

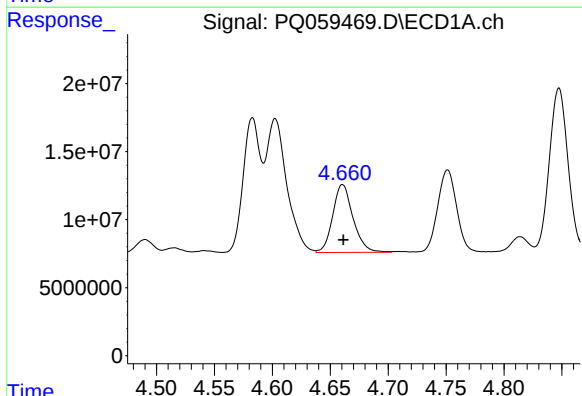
R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 122137244
Conc: 238.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



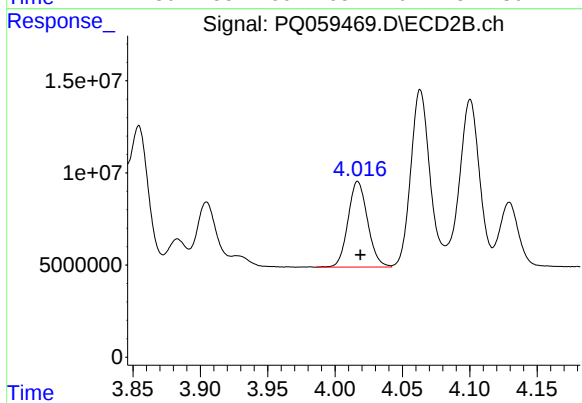
#17 AR-1242-2

R.T.: 3.854 min
Delta R.T.: -0.002 min
Response: 72526806
Conc: 208.06 ng/ml



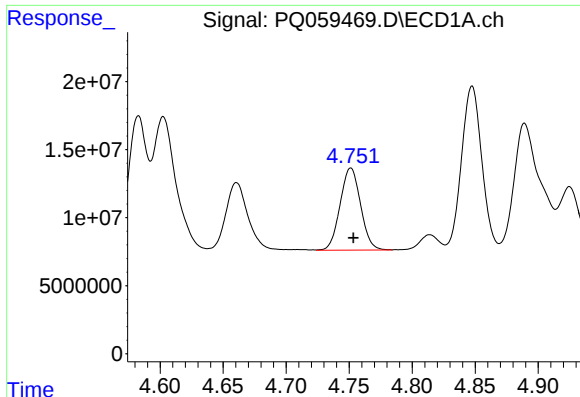
#18 AR-1242-3

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 60997651
Conc: 188.62 ng/ml



#18 AR-1242-3

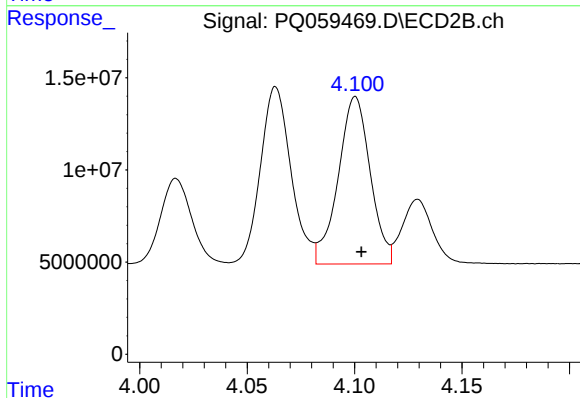
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 47002963
Conc: 257.23 ng/ml



#19 AR-1242-4

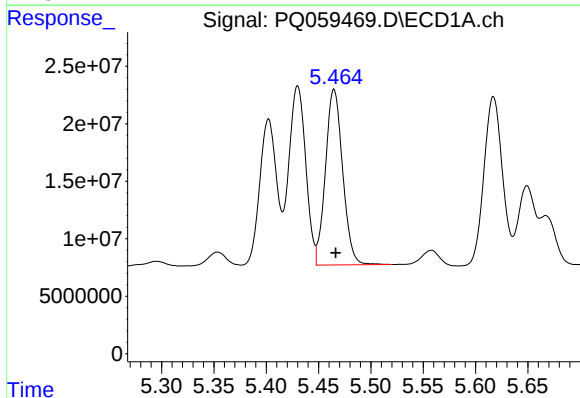
R.T.: 4.751 min
Delta R.T.: -0.002 min
Response: 68317327
Conc: 253.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



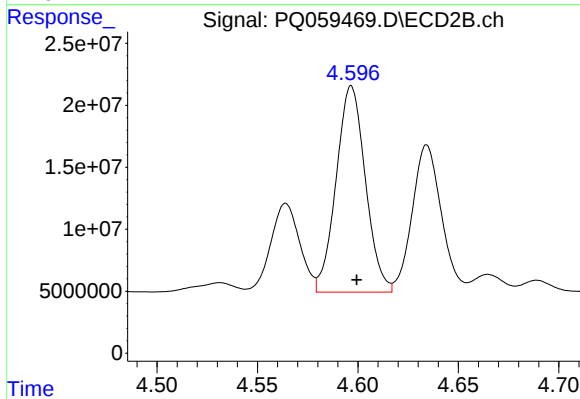
#19 AR-1242-4

R.T.: 4.100 min
Delta R.T.: -0.003 min
Response: 94374309
Conc: 559.51 ng/ml



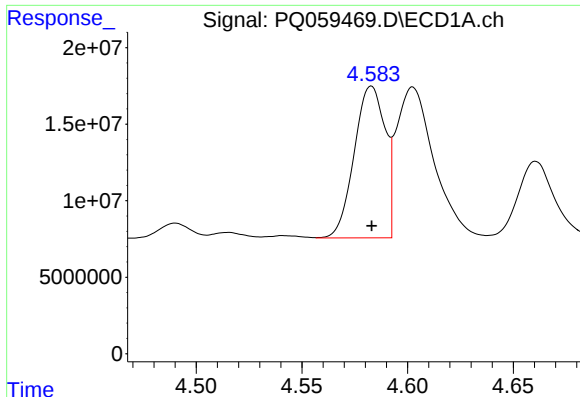
#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 174843186
Conc: 650.57 ng/ml



#20 AR-1242-5

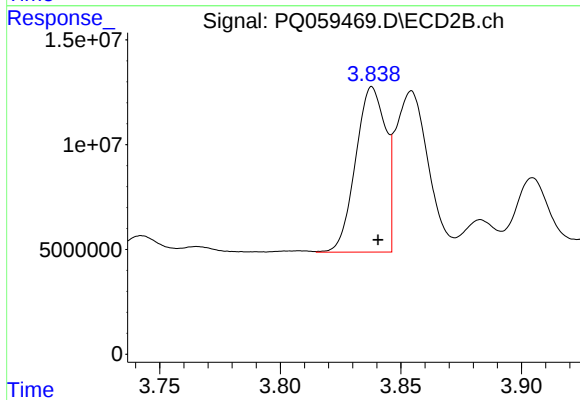
R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 168699817
Conc: 762.63 ng/ml



#21 AR-1248-1

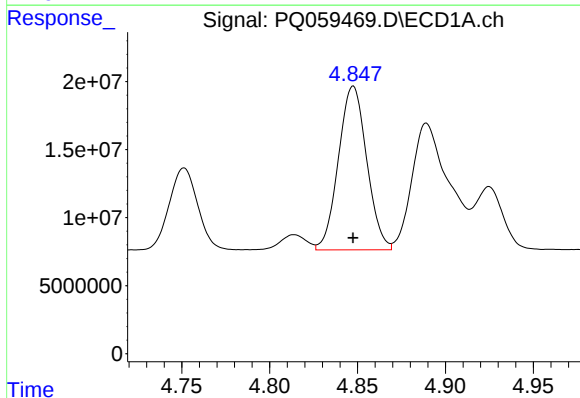
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 100801101
Conc: 380.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



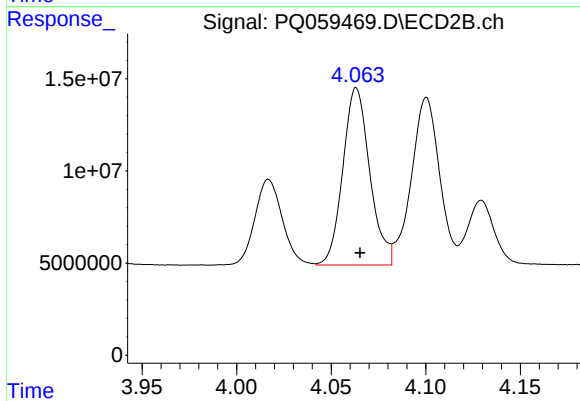
#21 AR-1248-1

R.T.: 3.838 min
Delta R.T.: -0.002 min
Response: 68105310
Conc: 383.08 ng/ml



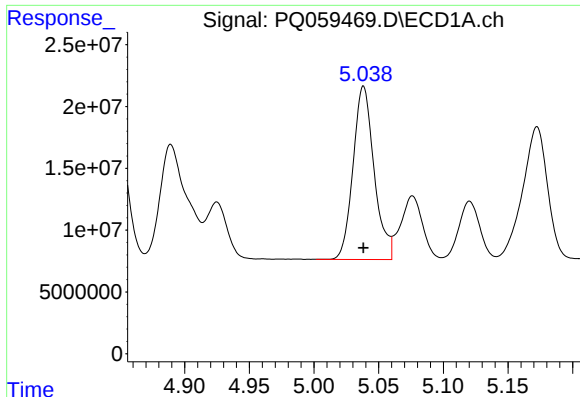
#22 AR-1248-2

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 134737388
Conc: 377.93 ng/ml



#22 AR-1248-2

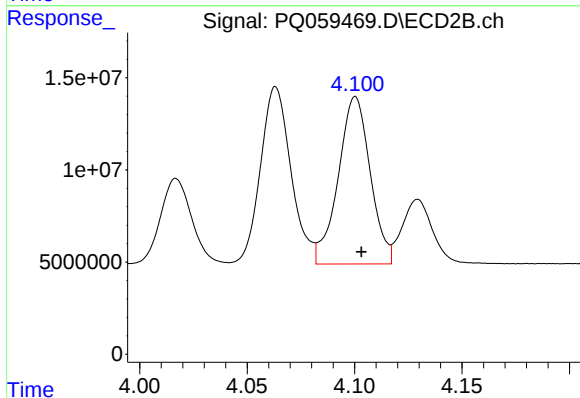
R.T.: 4.063 min
Delta R.T.: -0.002 min
Response: 95365899
Conc: 377.75 ng/ml



#23 AR-1248-3

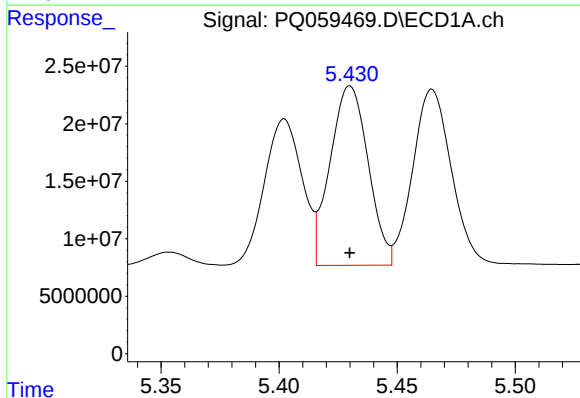
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 159010636
Conc: 370.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



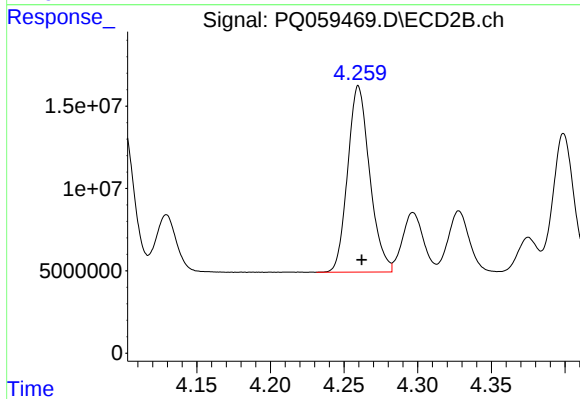
#23 AR-1248-3

R.T.: 4.100 min
Delta R.T.: -0.003 min
Response: 94374309
Conc: 373.79 ng/ml



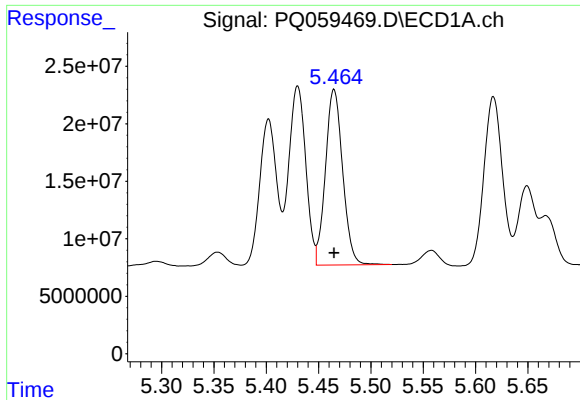
#24 AR-1248-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 175348202
Conc: 377.24 ng/ml



#24 AR-1248-4

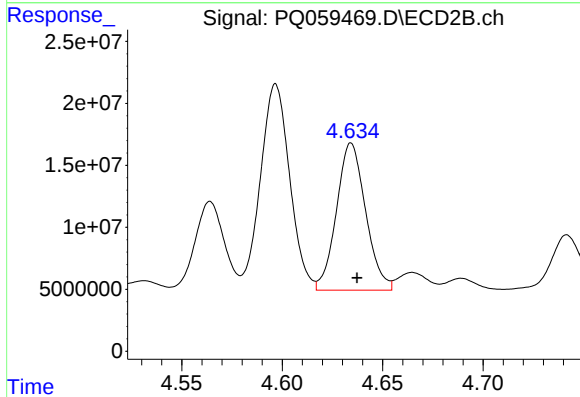
R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 117766588
Conc: 377.05 ng/ml



#25 AR-1248-5

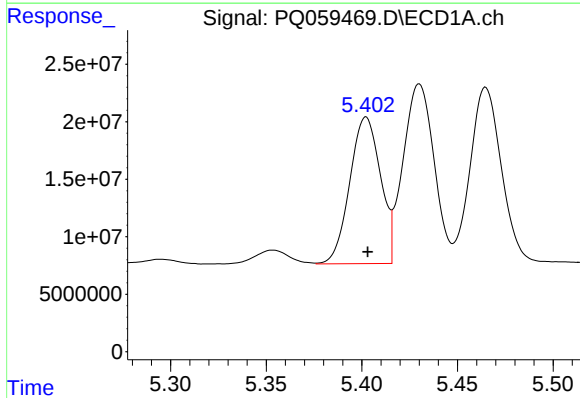
R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 174843186
Conc: 379.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



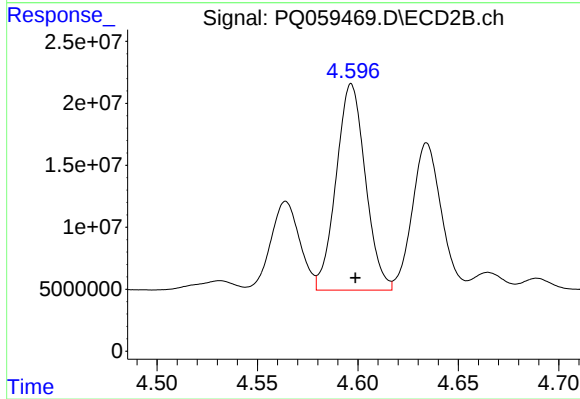
#25 AR-1248-5

R.T.: 4.634 min
Delta R.T.: -0.003 min
Response: 119846852
Conc: 381.43 ng/ml



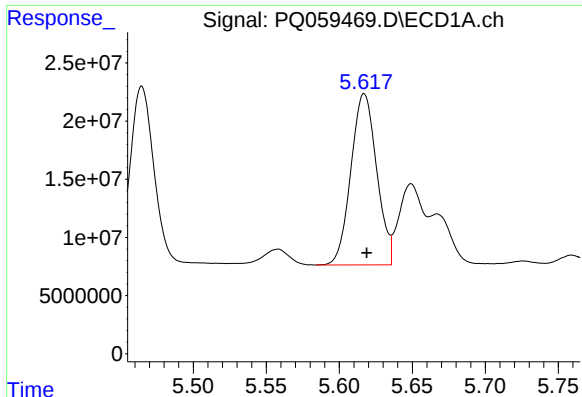
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 142709242
Conc: 297.57 ng/ml



#26 AR-1254-1

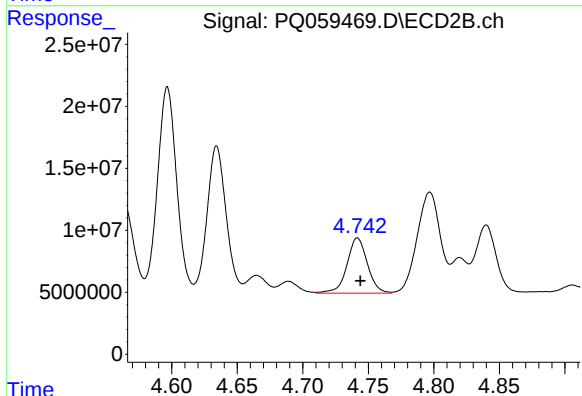
R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 168699817
Conc: 345.07 ng/ml



#27 AR-1254-2

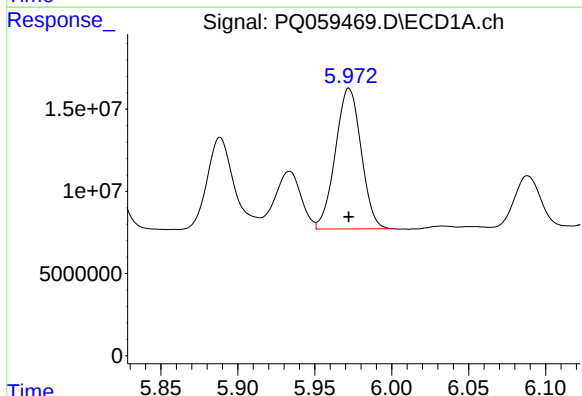
R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 180765765
Conc: 243.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



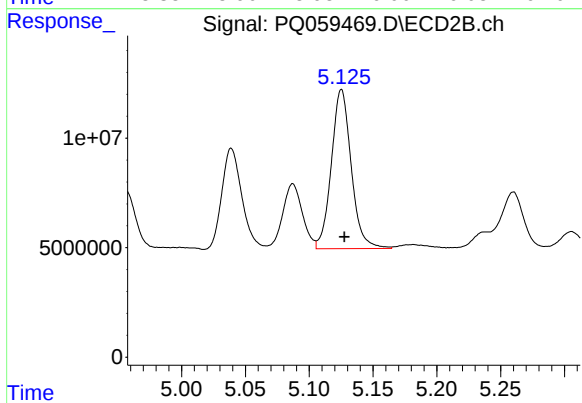
#27 AR-1254-2

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 48462345
Conc: 111.90 ng/ml



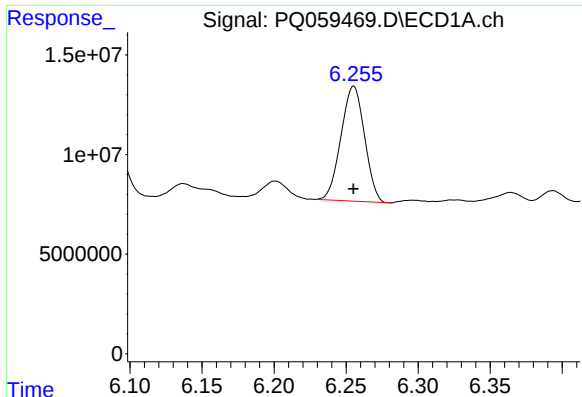
#28 AR-1254-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 99395456
Conc: 127.03 ng/ml



#28 AR-1254-3

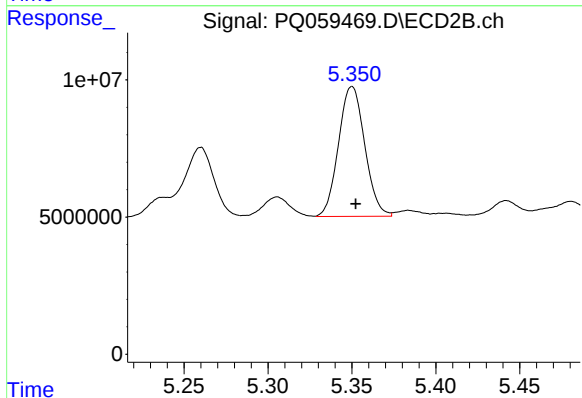
R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 78784009
Conc: 113.69 ng/ml



#29 AR-1254-4

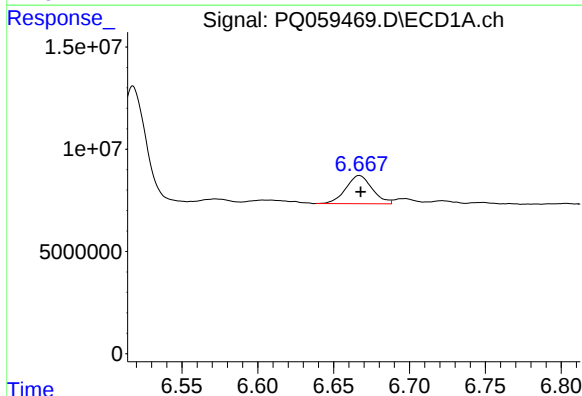
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 65622204
Conc: 120.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



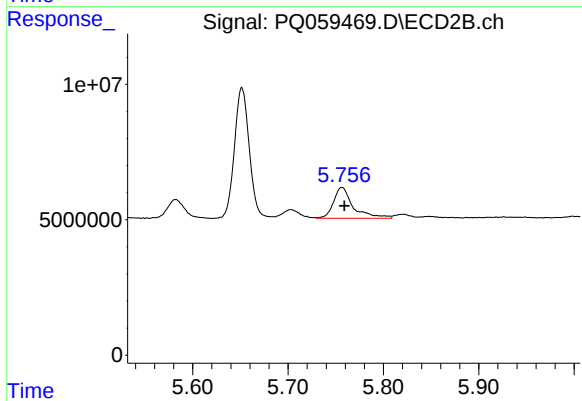
#29 AR-1254-4

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 51445228
Conc: 119.50 ng/ml



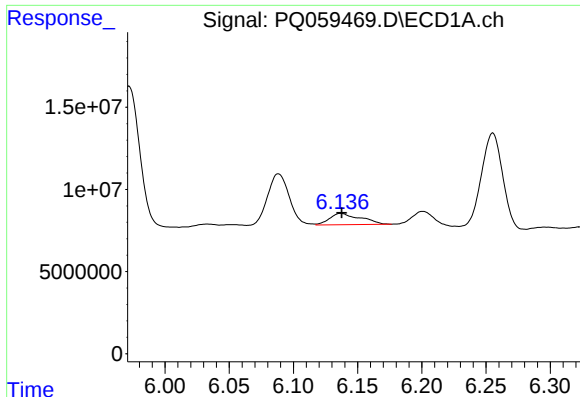
#30 AR-1254-5

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 16643170
Conc: 28.07 ng/ml



#30 AR-1254-5

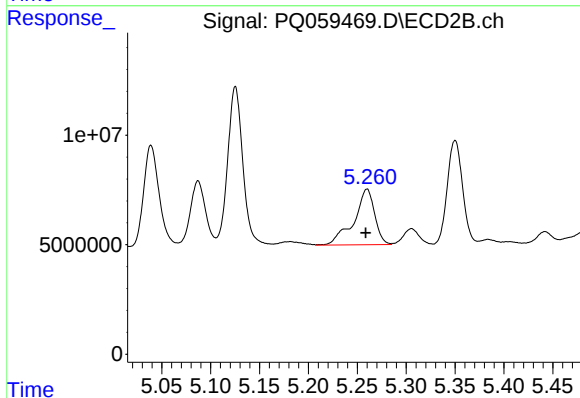
R.T.: 5.757 min
Delta R.T.: -0.003 min
Response: 16346118
Conc: 26.41 ng/ml



#31 AR-1260-1

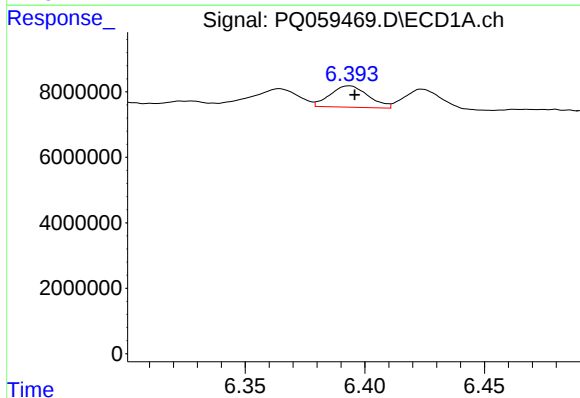
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 11502855
Conc: 20.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



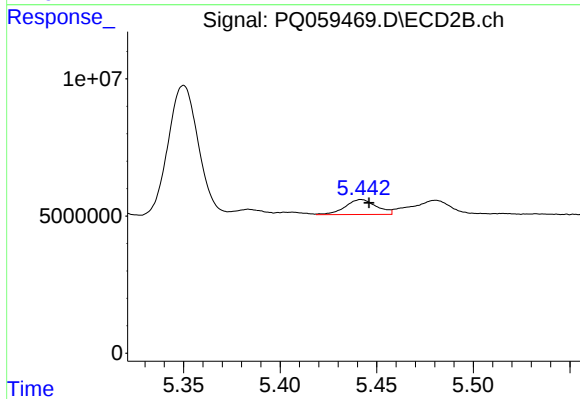
#31 AR-1260-1

R.T.: 5.260 min
Delta R.T.: 0.001 min
Response: 37725620
Conc: 83.73 ng/ml



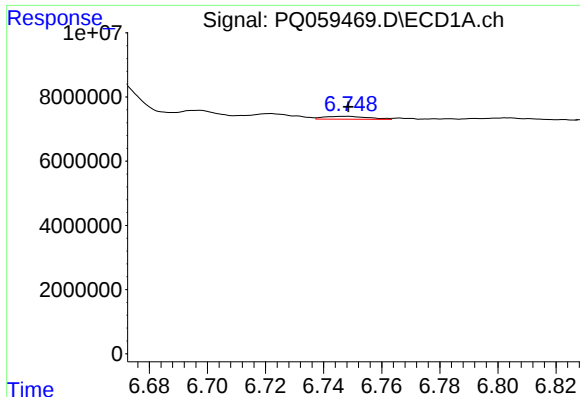
#32 AR-1260-2

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 7217214
Conc: 11.30 ng/ml



#32 AR-1260-2

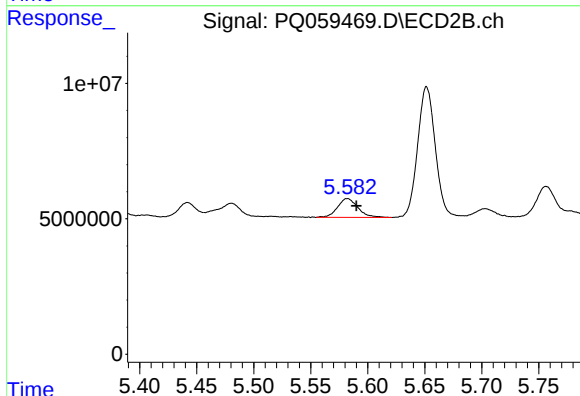
R.T.: 5.442 min
Delta R.T.: -0.004 min
Response: 6148326
Conc: 11.18 ng/ml



#33 AR-1260-3

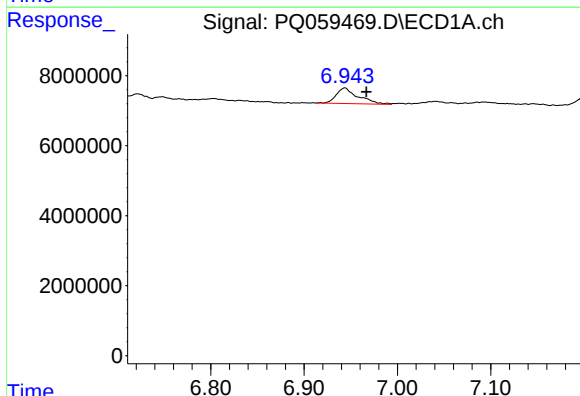
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 937996
Conc: 2.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



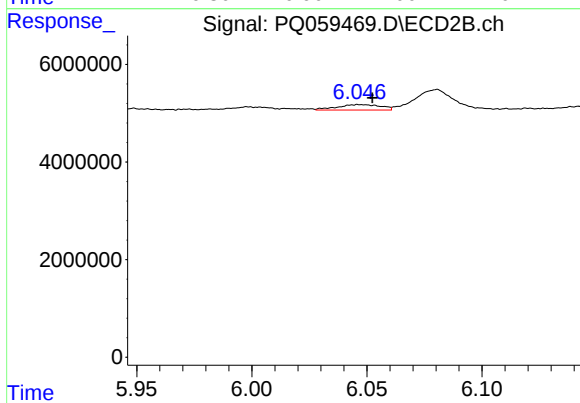
#33 AR-1260-3

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 8676699
Conc: 16.73 ng/ml



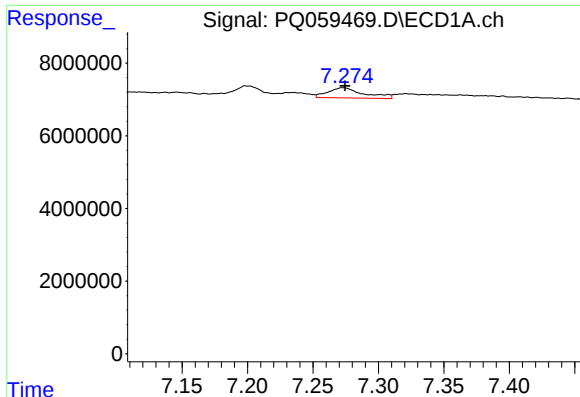
#34 AR-1260-4

R.T.: 6.944 min
Delta R.T.: -0.023 min
Response: 7282264
Conc: 15.10 ng/ml



#34 AR-1260-4

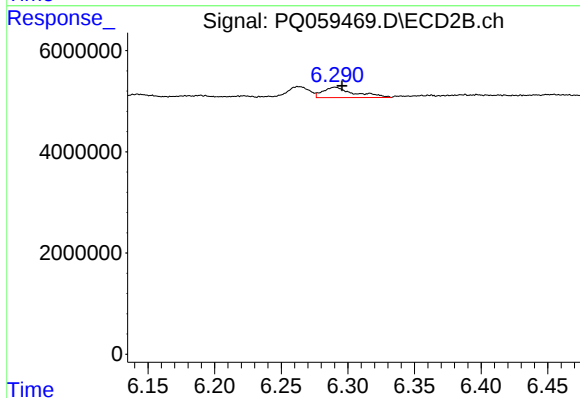
R.T.: 6.047 min
Delta R.T.: -0.005 min
Response: 1471965
Conc: 3.33 ng/ml



#35 AR-1260-5

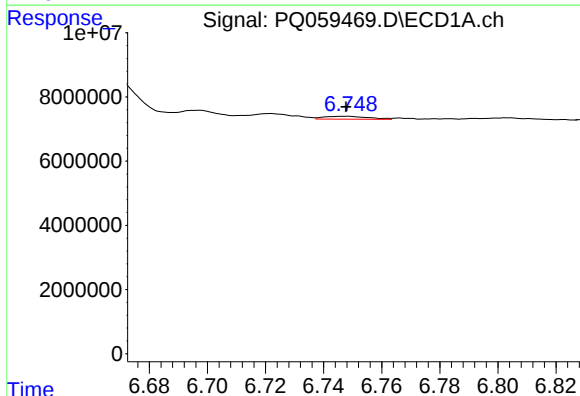
R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 5354279
Conc: 6.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



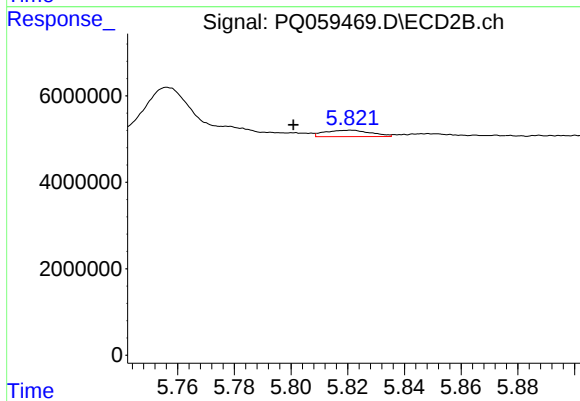
#35 AR-1260-5

R.T.: 6.290 min
Delta R.T.: -0.005 min
Response: 3353552
Conc: 3.29 ng/ml



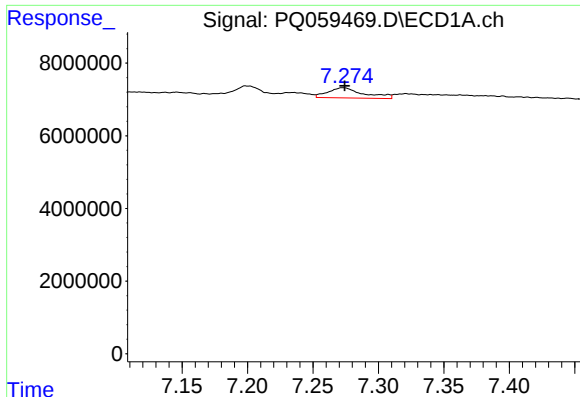
#36 AR-1262-1

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 937996
Conc: 1.35 ng/ml



#36 AR-1262-1

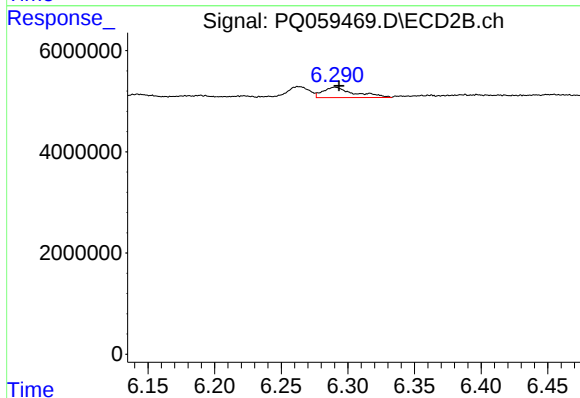
R.T.: 5.821 min
Delta R.T.: 0.020 min
Response: 1656597
Conc: 2.60 ng/ml



#37 AR-1262-2

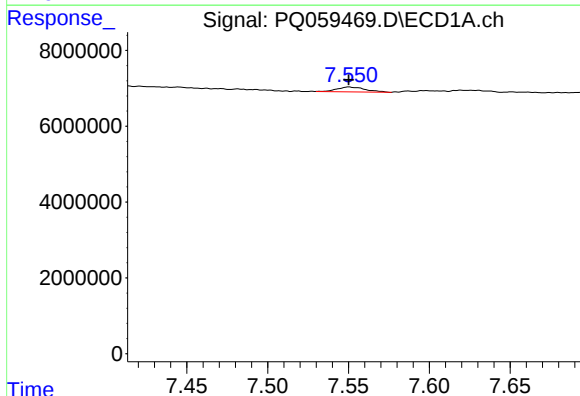
R.T.: 7.273 min
Delta R.T.: -0.001 min
Response: 5354279
Conc: 4.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



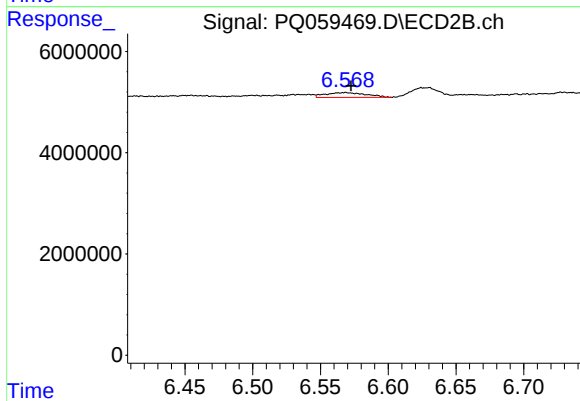
#37 AR-1262-2

R.T.: 6.290 min
Delta R.T.: -0.003 min
Response: 3353552
Conc: 2.87 ng/ml



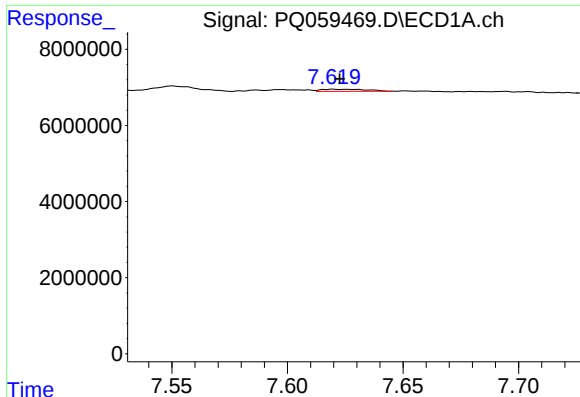
#38 AR-1262-3

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 1594429
Conc: 2.40 ng/ml



#38 AR-1262-3

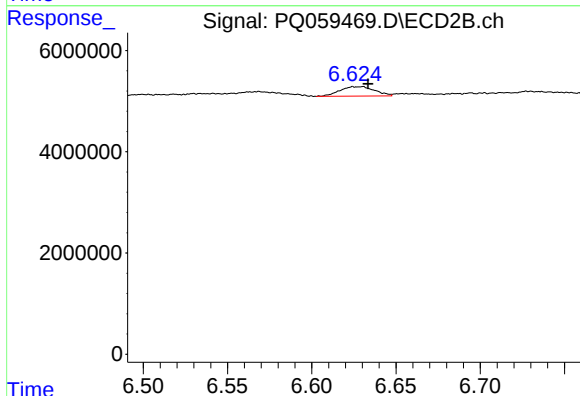
R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 2026818
Conc: 4.40 ng/ml



#39 AR-1262-4

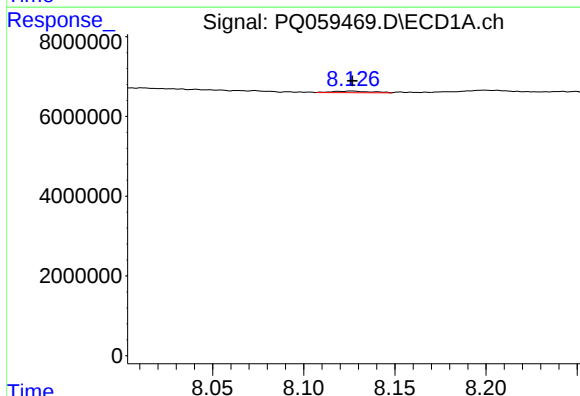
R.T.: 7.620 min
Delta R.T.: -0.003 min
Response: 753569
Conc: 2.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



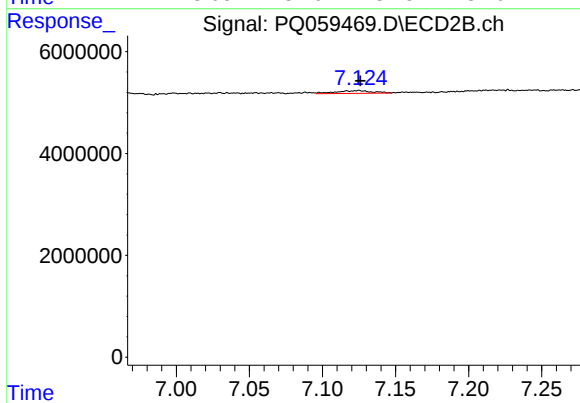
#39 AR-1262-4

R.T.: 6.629 min
Delta R.T.: -0.004 min
Response: 2688618
Conc: 3.07 ng/ml



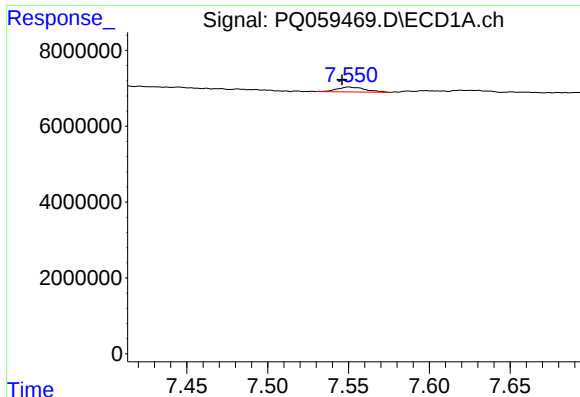
#40 AR-1262-5

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 563958
Conc: 1.98 ng/ml



#40 AR-1262-5

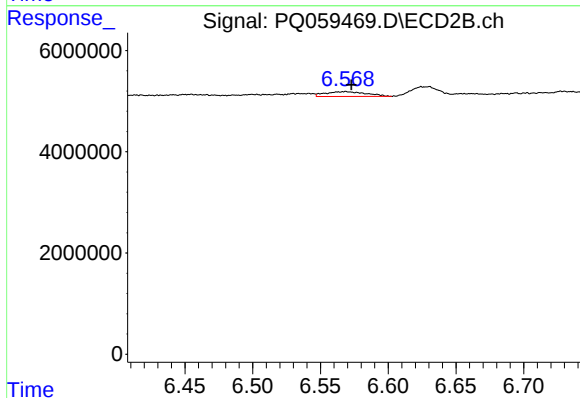
R.T.: 7.125 min
Delta R.T.: -0.001 min
Response: 895624
Conc: 2.25 ng/ml



#41 AR-1268-1

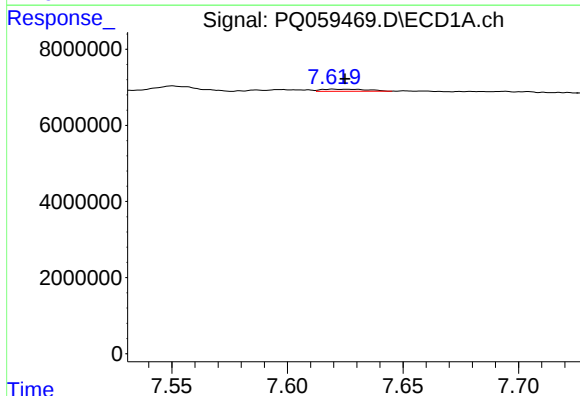
R.T.: 7.550 min
Delta R.T.: 0.004 min
Response: 1594429
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



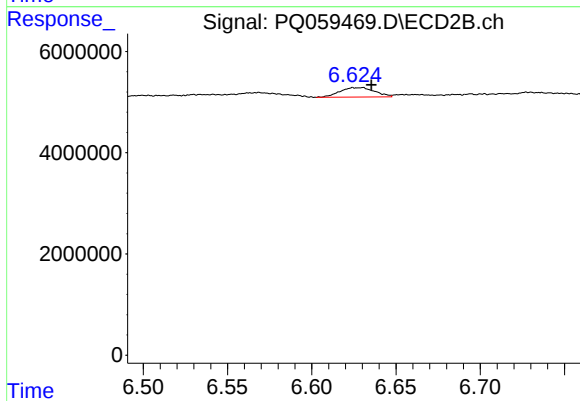
#41 AR-1268-1

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 2026818
Conc: 1.44 ng/ml



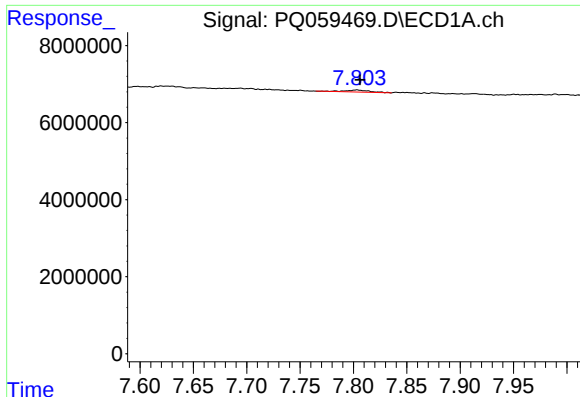
#42 AR-1268-2

R.T.: 7.620 min
Delta R.T.: -0.005 min
Response: 753569
Conc: 0.72 ng/ml



#42 AR-1268-2

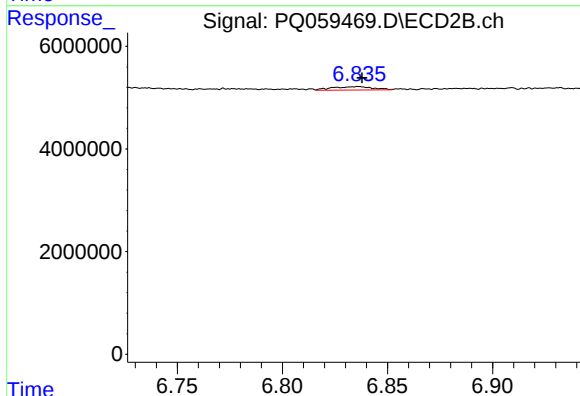
R.T.: 6.629 min
Delta R.T.: -0.006 min
Response: 2688618
Conc: 2.08 ng/ml



#43 AR-1268-3

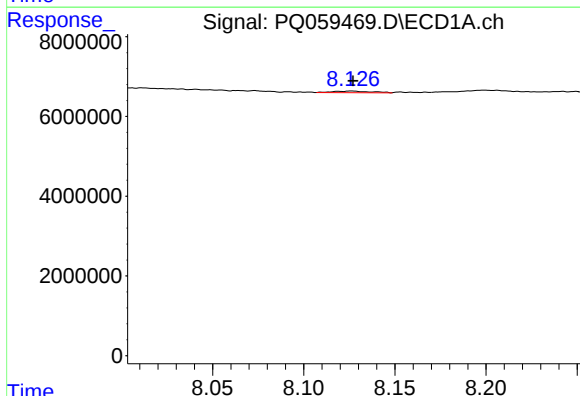
R.T.: 7.803 min
Delta R.T.: -0.003 min
Response: 851358
Conc: 1.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



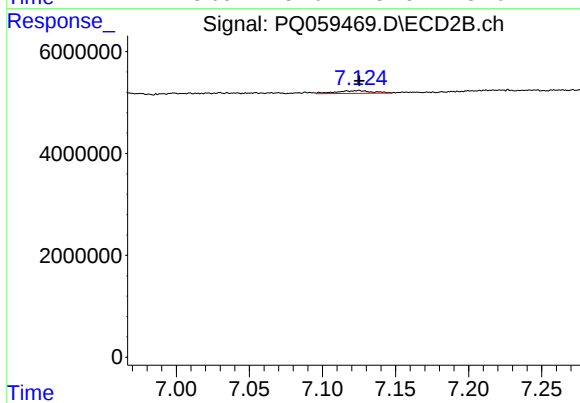
#43 AR-1268-3

R.T.: 6.836 min
Delta R.T.: -0.002 min
Response: 900642
Conc: 0.82 ng/ml



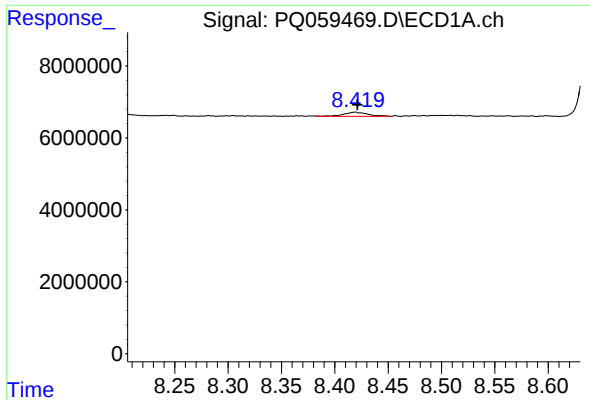
#44 AR-1268-4

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 563958
Conc: 1.75 ng/ml



#44 AR-1268-4

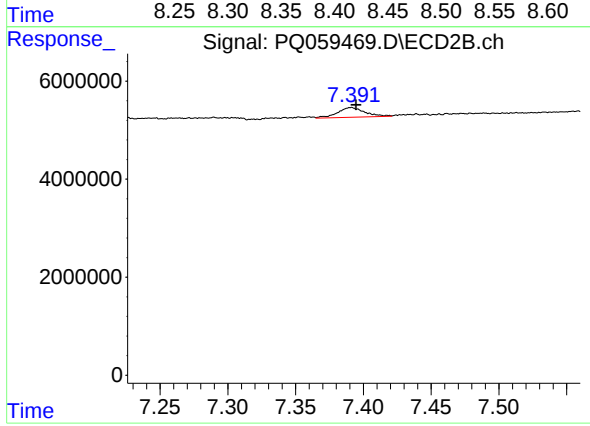
R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 895624
Conc: 1.98 ng/ml



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: -0.002 min
Response: 1869193
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.391 min
Delta R.T.: -0.004 min
Response: 2772742
Conc: 0.78 ng/ml