

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111123\
 Data File : PQ063983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2023 05:15
 Operator : YP\AJ
 Sample : 05321-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 06:23:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 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...	3.459	2.777	107.3E6	111.2E6	23.417	24.758
2)	SA Decachlor...	8.691	7.573	98084171	159.9E6	29.696	29.829
Target Compounds							
3)	L1 AR-1016-1	4.595	0.000	670596	0	4.676	N.D. #
4)	L1 AR-1016-2	4.595	0.000	670596	0	3.061	N.D. #
5)	L1 AR-1016-3	4.595f	4.012f	670596	624065	4.902	5.927
6)	L1 AR-1016-4	4.762	4.012	1956944	624065	17.361	7.028 #
7)	L1 AR-1016-5	5.036	0.000	430631	0	3.862	N.D. #
8)	L2 AR-1221-1	3.646	3.047f	5275884	1312082	95.430	24.166 #
9)	L2 AR-1221-2	3.741	3.047	1422637	1312082	39.036	35.327
12)	L3 AR-1232-2	4.321	0.000	6369444	0	125.711	N.D. #
13)	L3 AR-1232-3	4.595	4.012f	670596	624065	6.904	13.117 #
14)	L3 AR-1232-4	4.762	4.012f	1956944	624065	38.979	15.463 #
15)	L3 AR-1232-5	4.843	0.000	1224030	0	33.890	N.D. #
16)	L4 AR-1242-1	4.595	0.000	670596	0	5.590	N.D. #
17)	L4 AR-1242-2	4.595	0.000	670596	0	3.723	N.D. #
18)	L4 AR-1242-3	4.595f	4.012f	670596	624065	5.976	7.077
19)	L4 AR-1242-4	4.762	4.012f	1956944	624065	21.260	7.586 #
20)	L4 AR-1242-5	5.468	4.547	800223	2090661	8.372	19.660 #
21)	L5 AR-1248-1	4.595	0.000	670596	0	7.228	N.D. #
22)	L5 AR-1248-2	4.843	4.012	1224030	624065	9.259	4.781 #
23)	L5 AR-1248-3	5.036	4.012f	430631	624065	2.745	5.017 #
24)	L5 AR-1248-4	5.428	0.000	807253	0	4.702	N.D. #
25)	L5 AR-1248-5	5.468	4.584	800223	970206	4.768	6.555 #
26)	L6 AR-1254-1	5.403	4.547	1682816	2090661	9.697	9.554
27)	L6 AR-1254-2	5.622	4.695	3349888	1974922	12.463	10.365
28)	L6 AR-1254-3	5.978	5.077	3520041	4170743	12.808	14.041
29)	L6 AR-1254-4	6.264	5.306	2671126	2913569	13.381	15.435
30)	L6 AR-1254-5	6.679	5.711	3450441	5647216	15.769	20.758 #
31)	L7 AR-1260-1	6.144	5.208	1561016	2542337	7.138	12.098 #
32)	L7 AR-1260-2	6.405	5.398	2221376	2285861	8.530	9.178
33)	L7 AR-1260-3	6.762	5.534	480924	1925492	2.507	8.109 #
34)	L7 AR-1260-4	6.980	6.005	1035293	451516	4.820	2.232 #
35)	L7 AR-1260-5	7.294	6.251	1177505	1293481	2.910	2.770
36)	L8 AR-1262-1	6.762	5.756	480924	170833	1.701	0.589 #
37)	L8 AR-1262-2	7.294	6.251	1177505	1293481	2.561	2.474
38)	L8 AR-1262-3	7.572	6.586f	872259	1537132	2.818	7.152 #
39)	L8 AR-1262-4	0.000	6.586	0	1537132	N.D.	3.858 #
40)	L8 AR-1262-5	8.153	7.084	441631	76580	2.812	0.382 #
41)	L9 AR-1268-1	7.572	6.586f	872259	1537132	1.629	2.506 #
42)	L9 AR-1268-2	0.000	6.586	0	1537132	N.D.	2.760 #
43)	L9 AR-1268-3	7.828	6.798	728792	500836	1.745	1.023 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 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
44) L9	AR-1268-4	8.153	7.084	441631	76580	2.543	0.361 #
45) L9	AR-1268-5	8.447	7.356	906724	938573	0.737	0.518 #

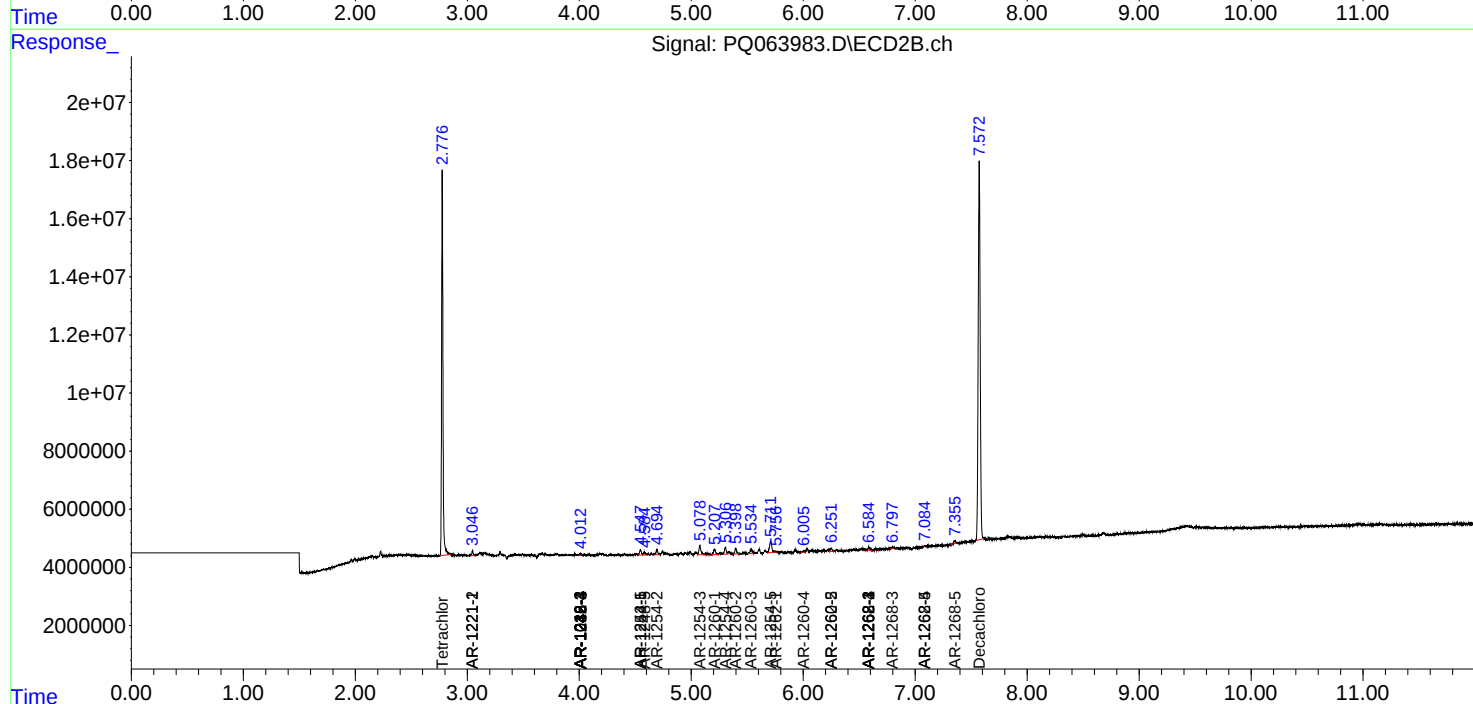
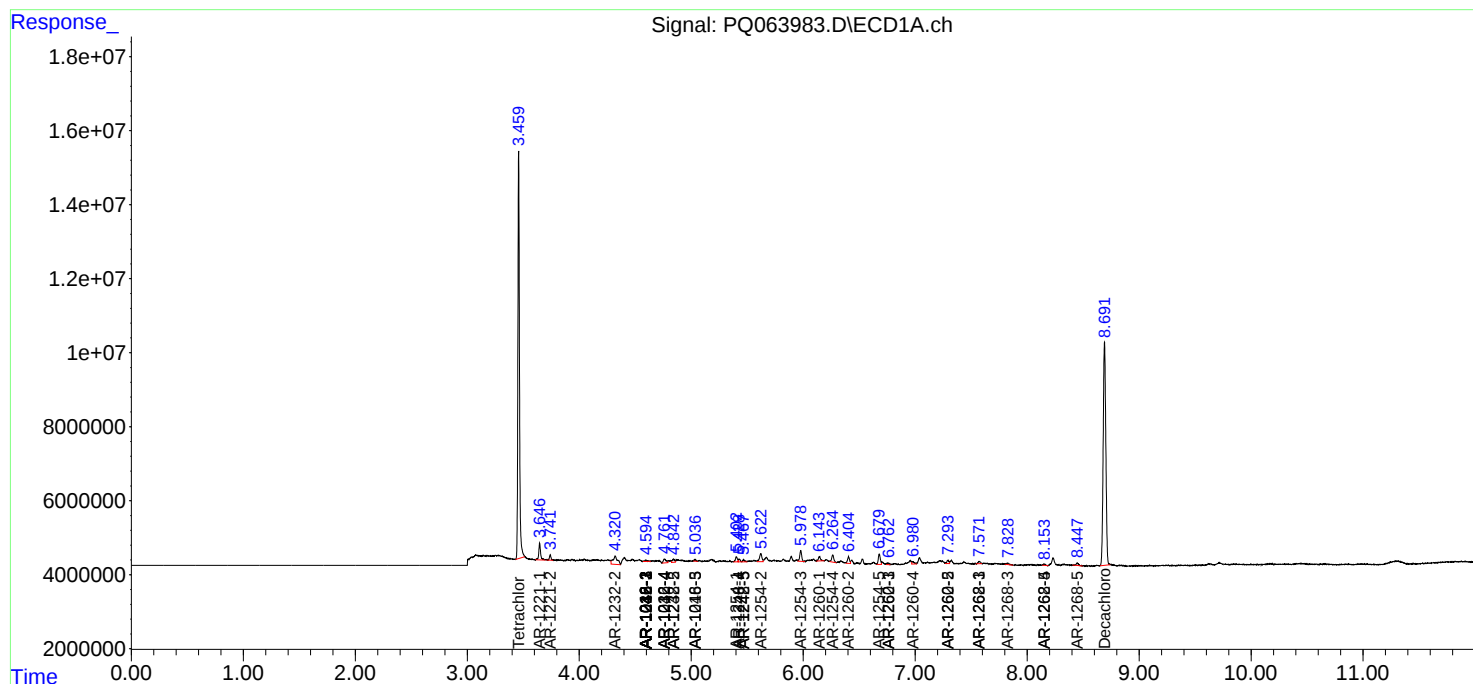
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

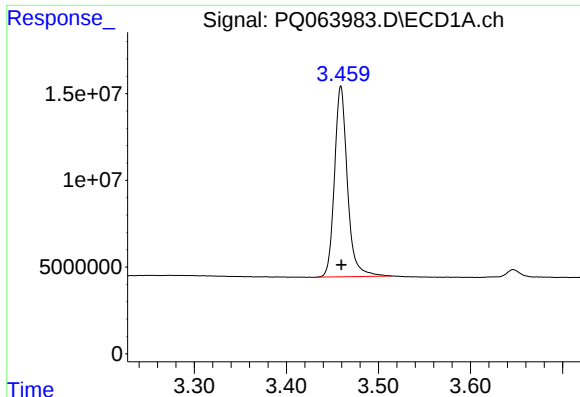
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111123\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

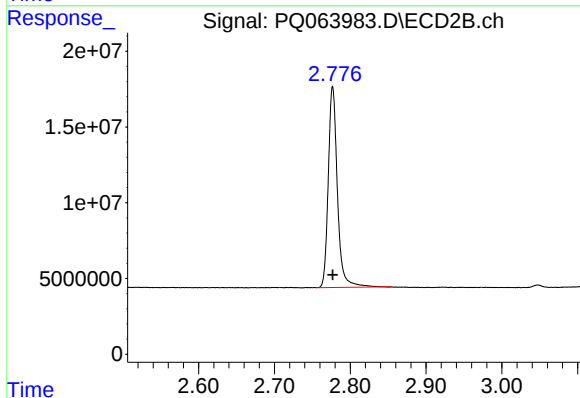




#1 Tetrachloro-m-xylene

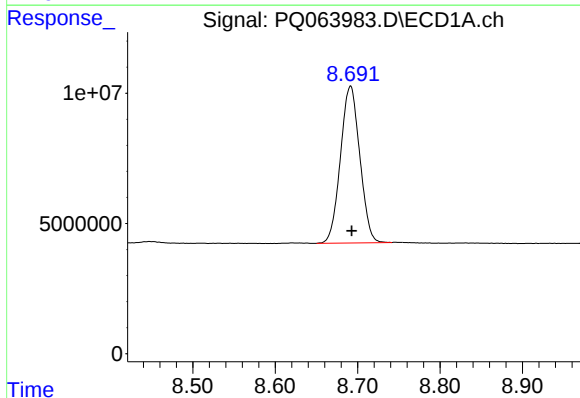
R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 107311155
Conc: 23.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



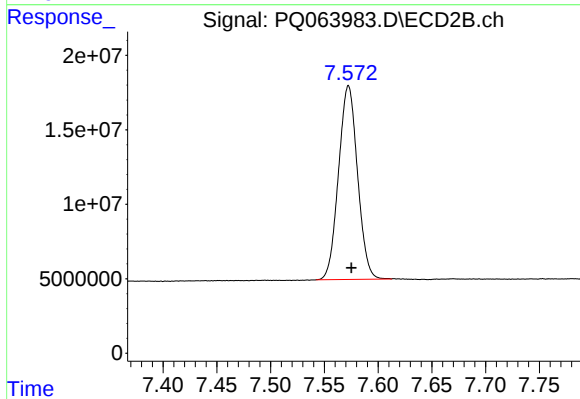
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 111157103
Conc: 24.76 ng/ml



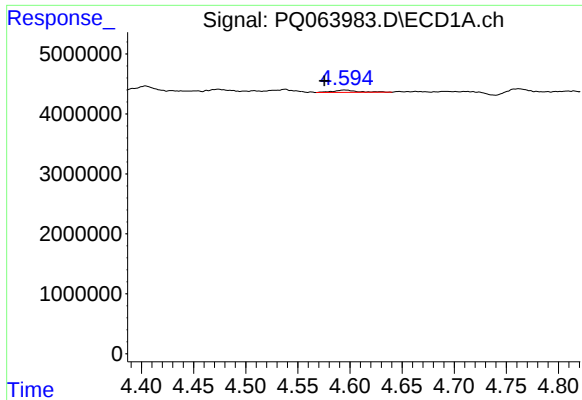
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.001 min
Response: 98084171
Conc: 29.70 ng/ml



#2 Decachlorobiphenyl

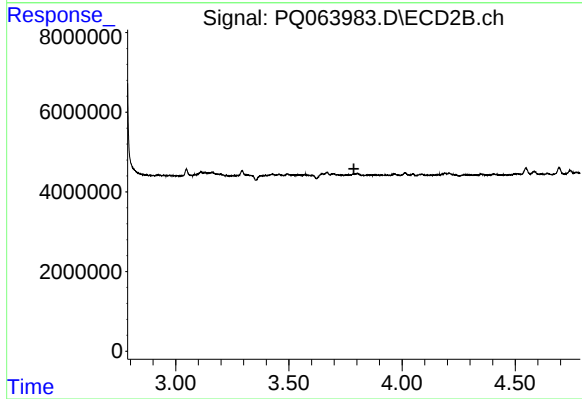
R.T.: 7.573 min
Delta R.T.: -0.003 min
Response: 159873935
Conc: 29.83 ng/ml



#3 AR-1016-1

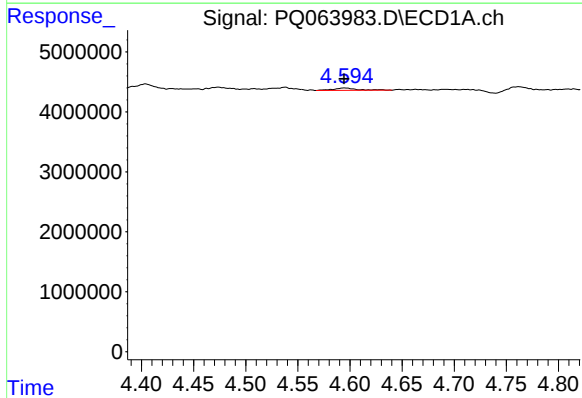
R.T.: 4.595 min
Delta R.T.: 0.020 min
Response: 670596
Conc: 4.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



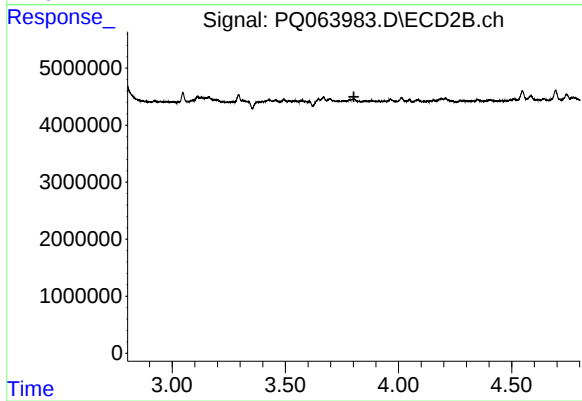
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.787 min
Response: 0
Conc: N.D.



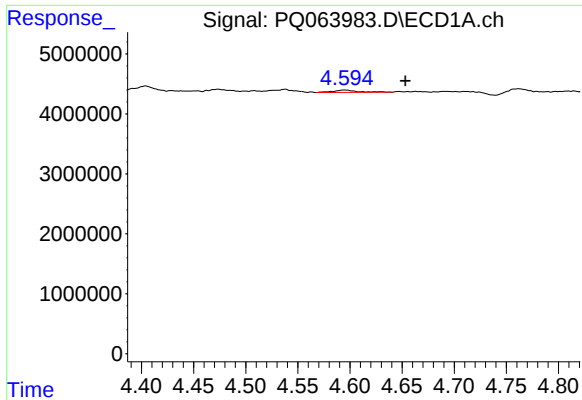
#4 AR-1016-2

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 670596
Conc: 3.06 ng/ml



#4 AR-1016-2

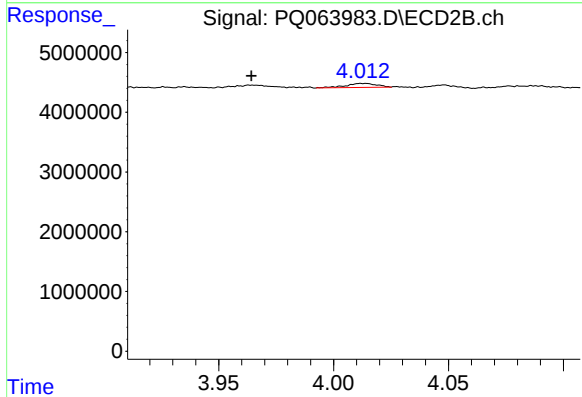
R.T.: 0.000 min
Exp R.T. : 3.803 min
Response: 0
Conc: N.D.



#5 AR-1016-3

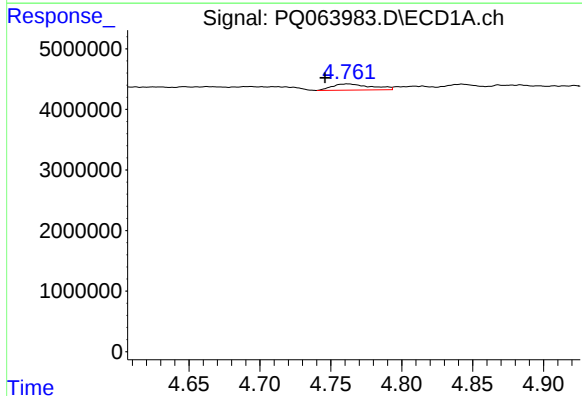
R.T.: 4.595 min
Delta R.T.: -0.058 min
Response: 670596
Conc: 4.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



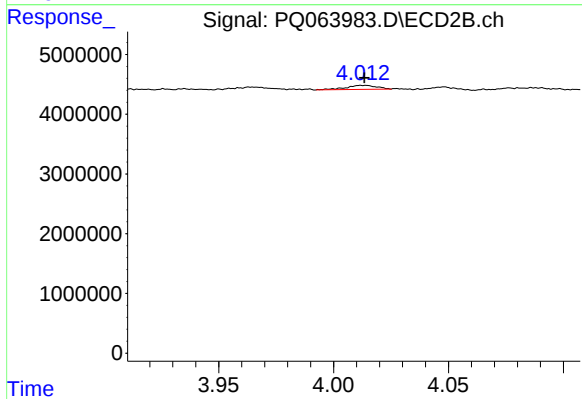
#5 AR-1016-3

R.T.: 4.012 min
Delta R.T.: 0.048 min
Response: 624065
Conc: 5.93 ng/ml



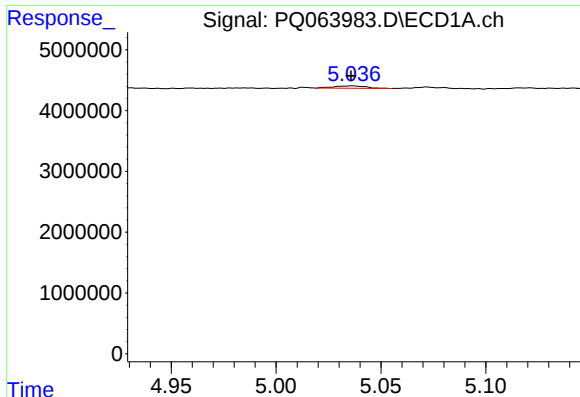
#6 AR-1016-4

R.T.: 4.762 min
Delta R.T.: 0.016 min
Response: 1956944
Conc: 17.36 ng/ml



#6 AR-1016-4

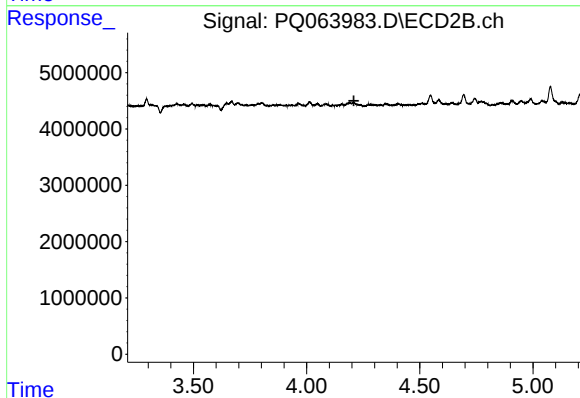
R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 624065
Conc: 7.03 ng/ml



#7 AR-1016-5

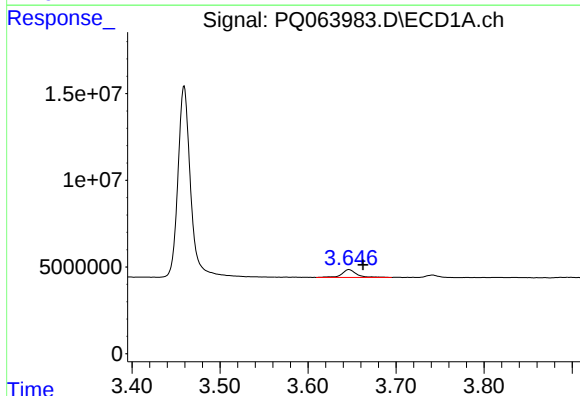
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 430631
Conc: 3.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



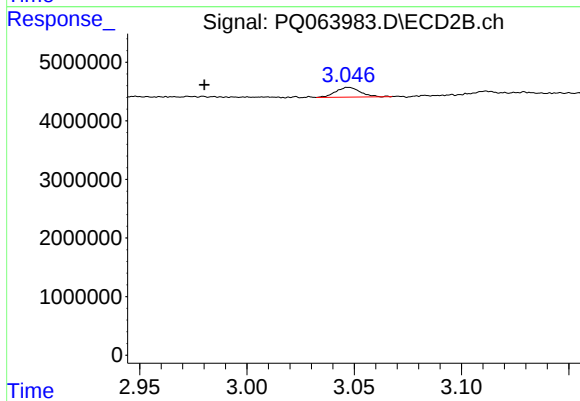
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.209 min
Response: 0
Conc: N.D.



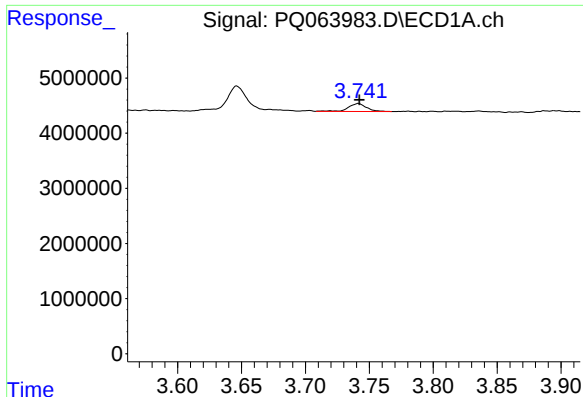
#8 AR-1221-1

R.T.: 3.646 min
Delta R.T.: -0.016 min
Response: 5275884
Conc: 95.43 ng/ml



#8 AR-1221-1

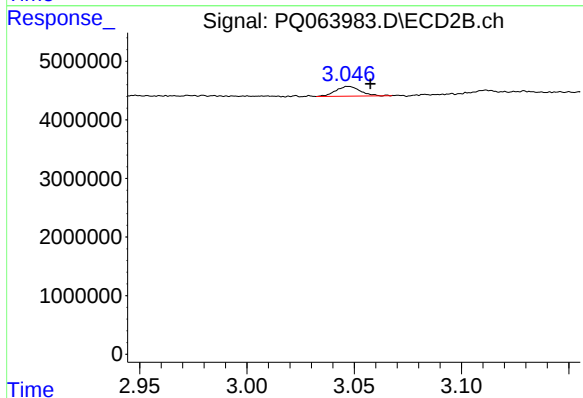
R.T.: 3.047 min
Delta R.T.: 0.067 min
Response: 1312082
Conc: 24.17 ng/ml



#9 AR-1221-2

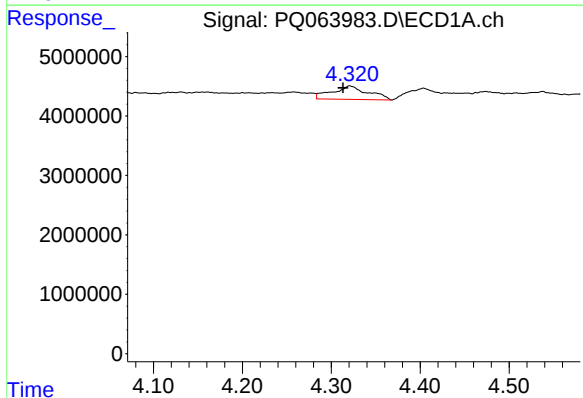
R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 1422637
Conc: 39.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



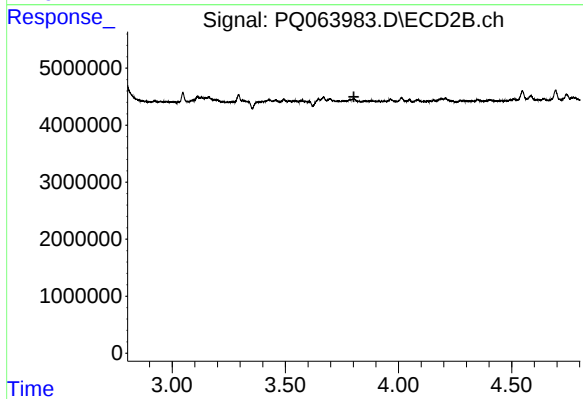
#9 AR-1221-2

R.T.: 3.047 min
Delta R.T.: -0.010 min
Response: 1312082
Conc: 35.33 ng/ml



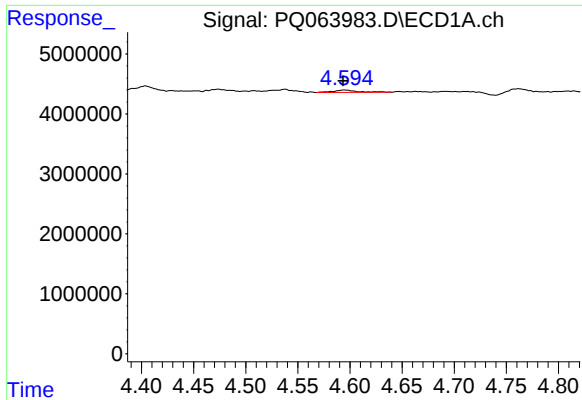
#12 AR-1232-2

R.T.: 4.321 min
Delta R.T.: 0.008 min
Response: 6369444
Conc: 125.71 ng/ml



#12 AR-1232-2

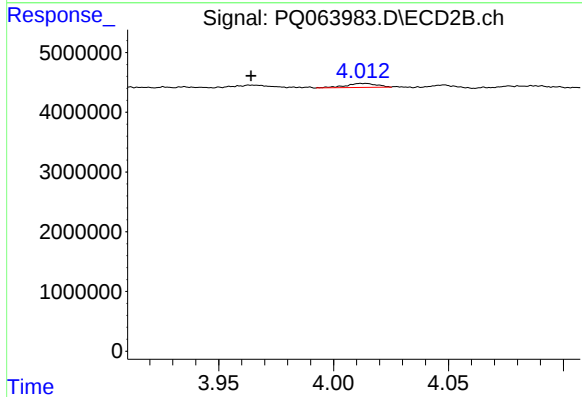
R.T.: 0.000 min
Exp R.T.: 3.803 min
Response: 0
Conc: N.D.



#13 AR-1232-3

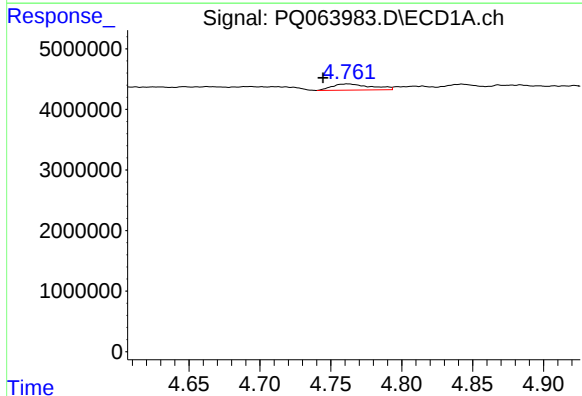
R.T.: 4.595 min
Delta R.T.: 0.002 min
Response: 670596
Conc: 6.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



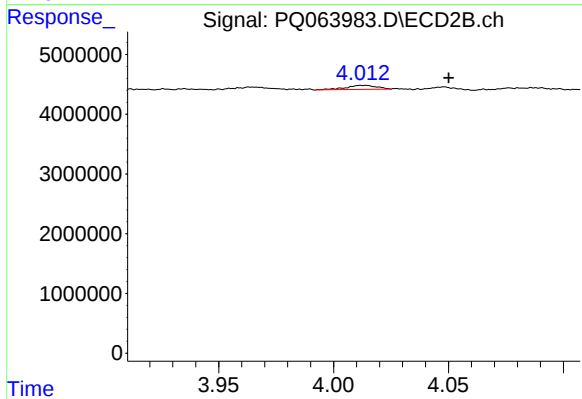
#13 AR-1232-3

R.T.: 4.012 min
Delta R.T.: 0.048 min
Response: 624065
Conc: 13.12 ng/ml



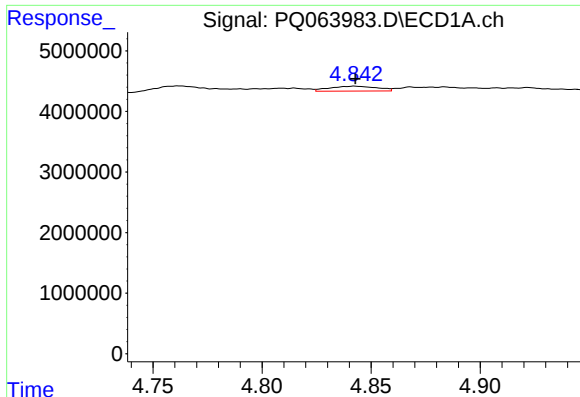
#14 AR-1232-4

R.T.: 4.762 min
Delta R.T.: 0.017 min
Response: 1956944
Conc: 38.98 ng/ml



#14 AR-1232-4

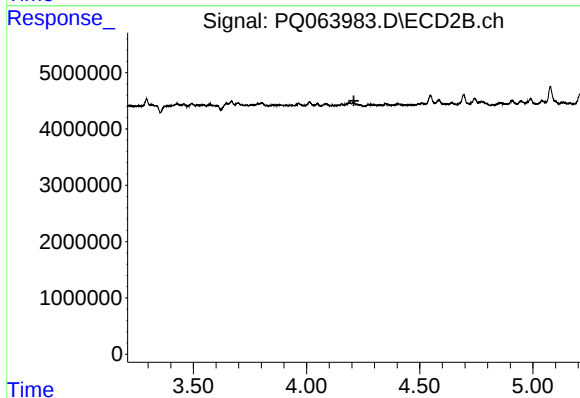
R.T.: 4.012 min
Delta R.T.: -0.038 min
Response: 624065
Conc: 15.46 ng/ml



#15 AR-1232-5

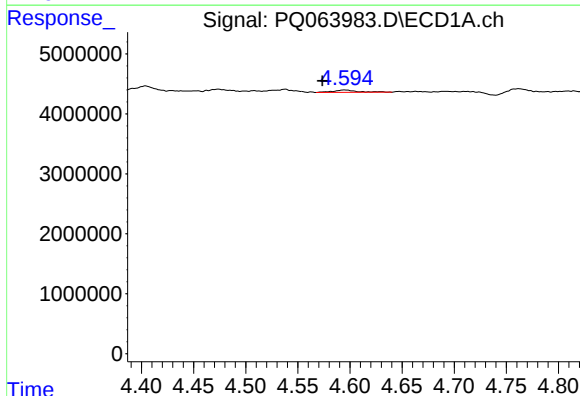
R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 1224030
Conc: 33.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



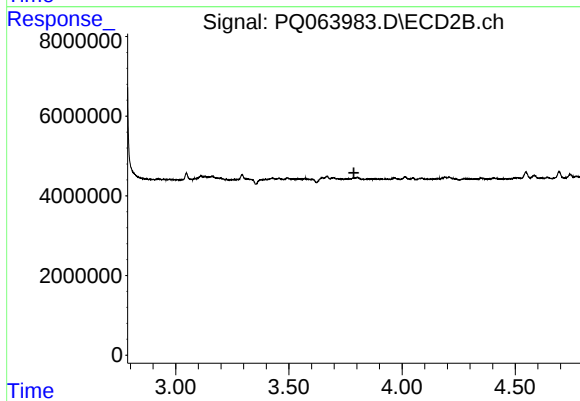
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.209 min
Response: 0
Conc: N.D.



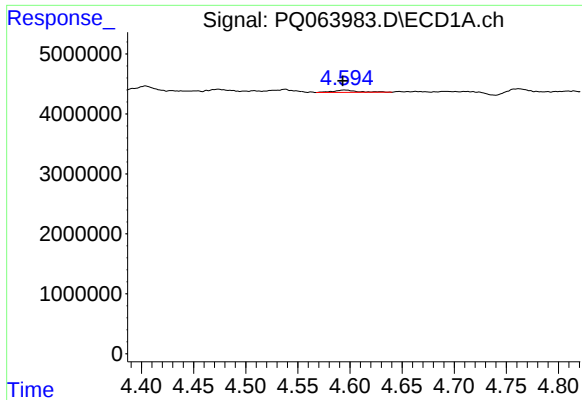
#16 AR-1242-1

R.T.: 4.595 min
Delta R.T.: 0.021 min
Response: 670596
Conc: 5.59 ng/ml



#16 AR-1242-1

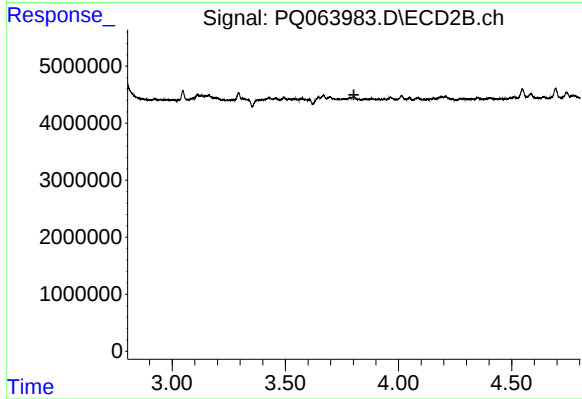
R.T.: 0.000 min
Exp R.T. : 3.787 min
Response: 0
Conc: N.D.



#17 AR-1242-2

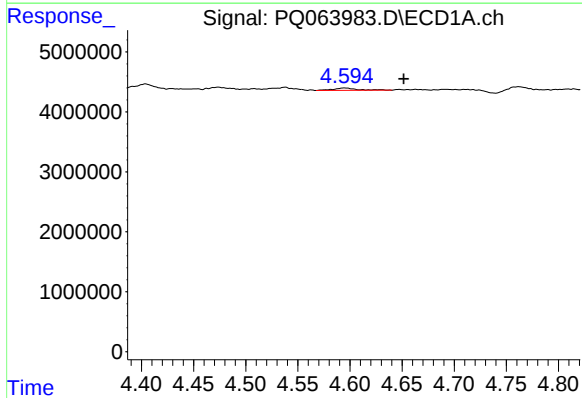
R.T.: 4.595 min
Delta R.T.: 0.002 min
Response: 670596
Conc: 3.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



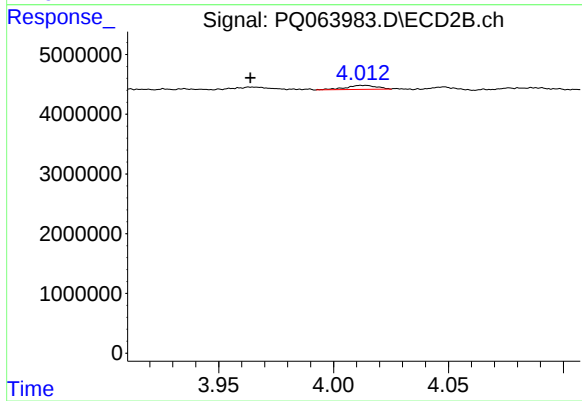
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 3.803 min
Response: 0
Conc: N.D.



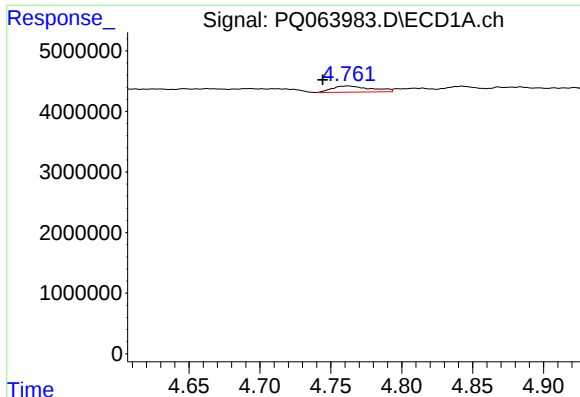
#18 AR-1242-3

R.T.: 4.595 min
Delta R.T.: -0.056 min
Response: 670596
Conc: 5.98 ng/ml



#18 AR-1242-3

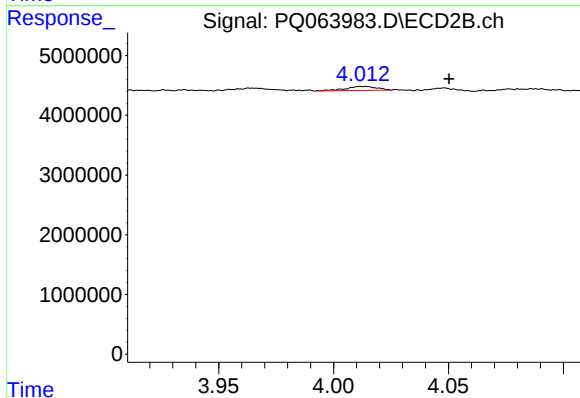
R.T.: 4.012 min
Delta R.T.: 0.048 min
Response: 624065
Conc: 7.08 ng/ml



#19 AR-1242-4

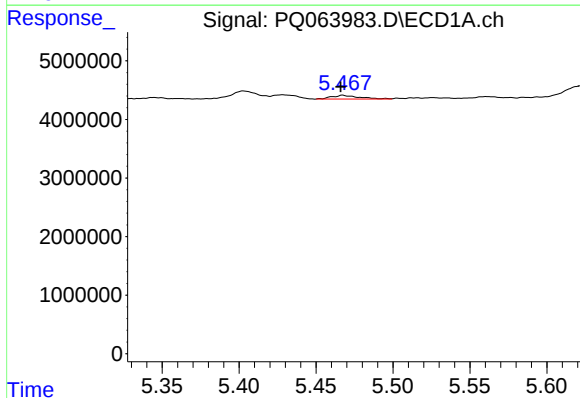
R.T.: 4.762 min
Delta R.T.: 0.018 min
Response: 1956944
Conc: 21.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



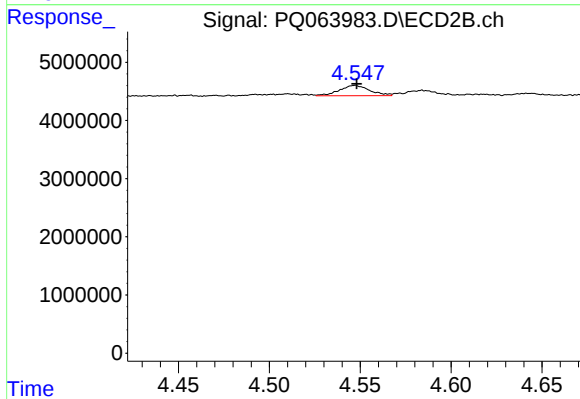
#19 AR-1242-4

R.T.: 4.012 min
Delta R.T.: -0.038 min
Response: 624065
Conc: 7.59 ng/ml



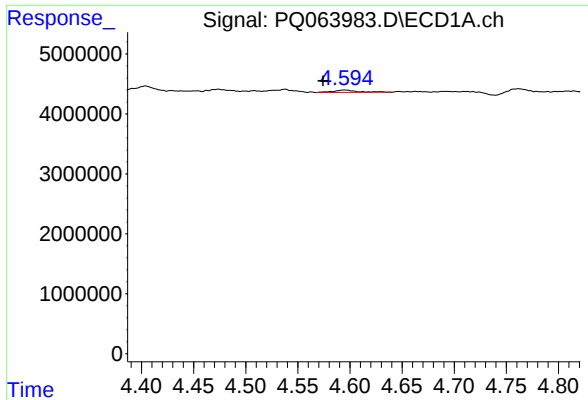
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.002 min
Response: 800223
Conc: 8.37 ng/ml



#20 AR-1242-5

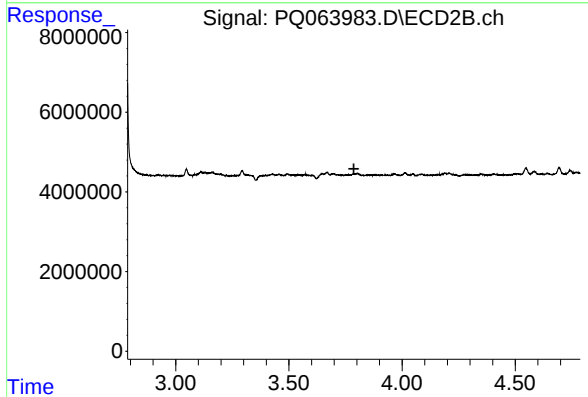
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 2090661
Conc: 19.66 ng/ml



#21 AR-1248-1

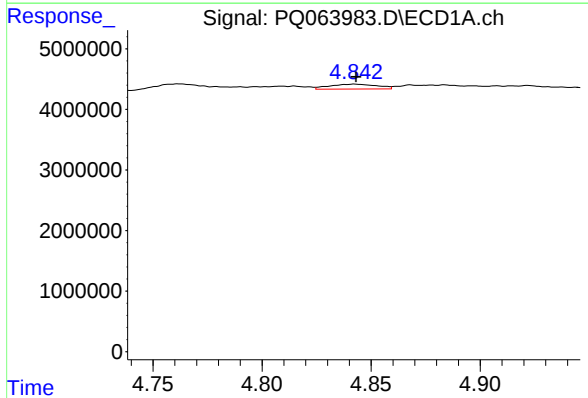
R.T.: 4.595 min
Delta R.T.: 0.021 min
Response: 670596
Conc: 7.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



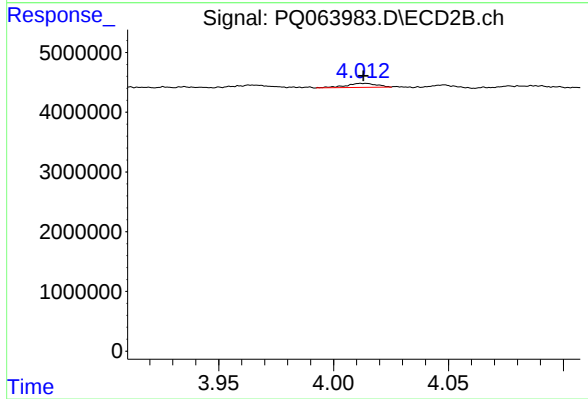
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 3.787 min
Response: 0
Conc: N.D.



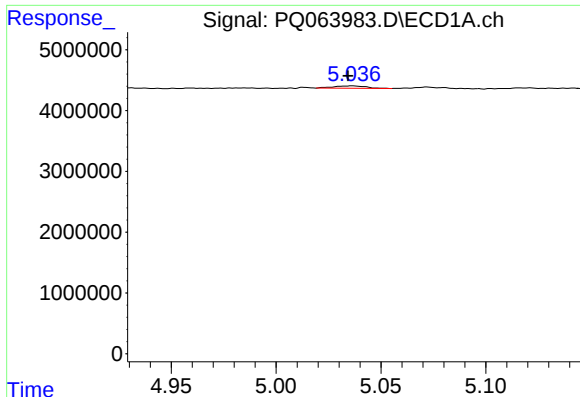
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 1224030
Conc: 9.26 ng/ml



#22 AR-1248-2

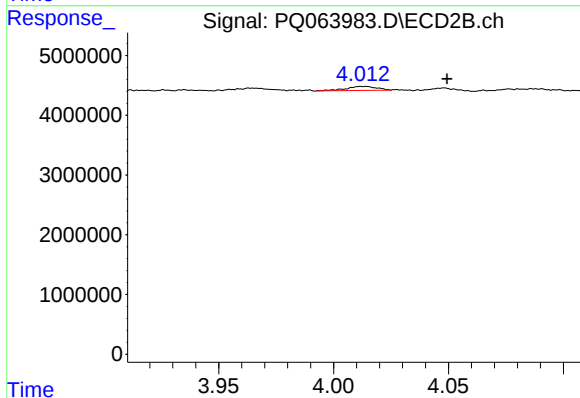
R.T.: 4.012 min
Delta R.T.: -0.001 min
Response: 624065
Conc: 4.78 ng/ml



#23 AR-1248-3

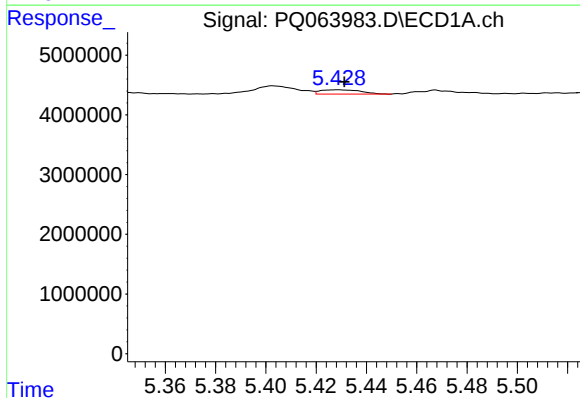
R.T.: 5.036 min
Delta R.T.: 0.002 min
Response: 430631
Conc: 2.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



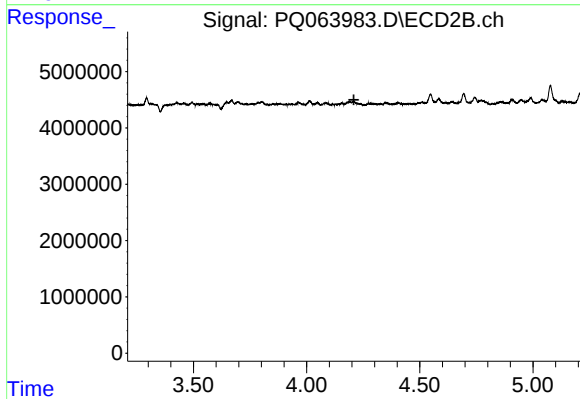
#23 AR-1248-3

R.T.: 4.012 min
Delta R.T.: -0.038 min
Response: 624065
Conc: 5.02 ng/ml



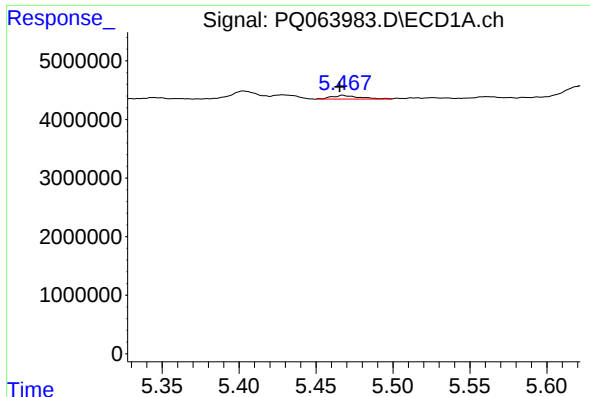
#24 AR-1248-4

R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 807253
Conc: 4.70 ng/ml



#24 AR-1248-4

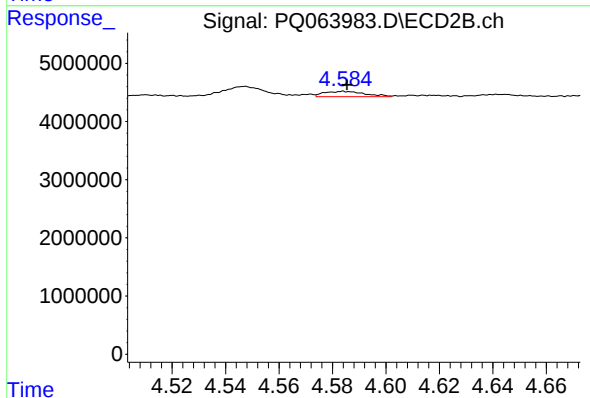
R.T.: 0.000 min
Exp R.T.: 4.209 min
Response: 0
Conc: N.D.



#25 AR-1248-5

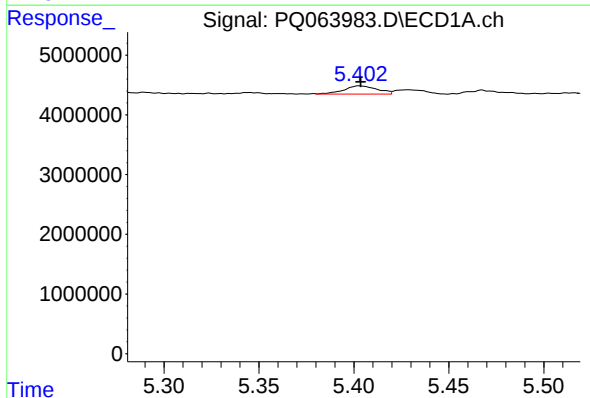
R.T.: 5.468 min
Delta R.T.: 0.002 min
Response: 800223
Conc: 4.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



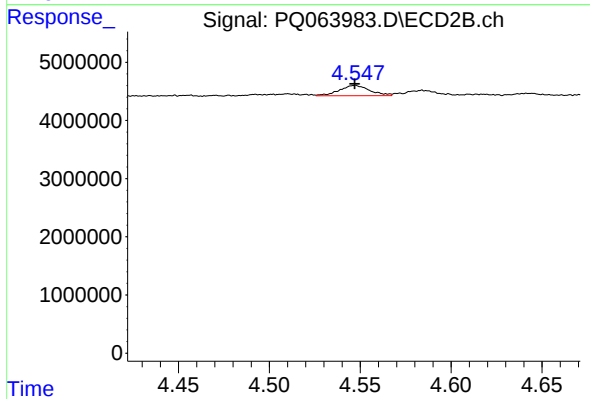
#25 AR-1248-5

R.T.: 4.584 min
Delta R.T.: -0.001 min
Response: 970206
Conc: 6.56 ng/ml



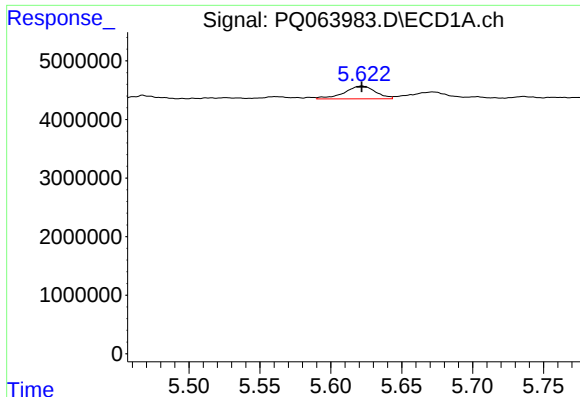
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 1682816
Conc: 9.70 ng/ml



#26 AR-1254-1

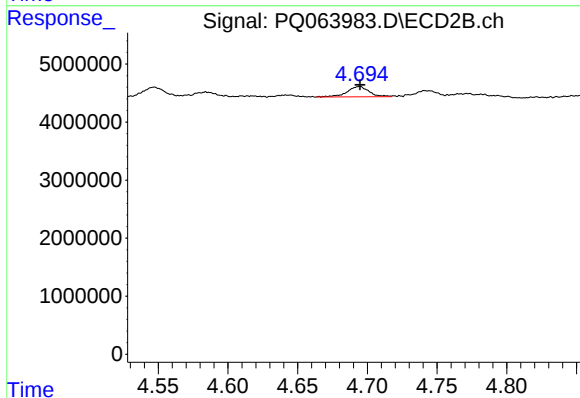
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 2090661
Conc: 9.55 ng/ml



#27 AR-1254-2

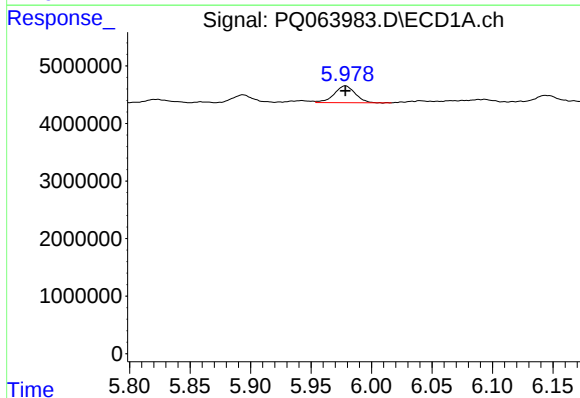
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 3349888
Conc: 12.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



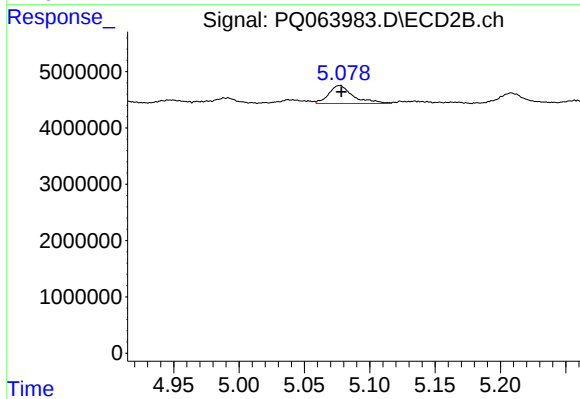
#27 AR-1254-2

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 1974922
Conc: 10.37 ng/ml



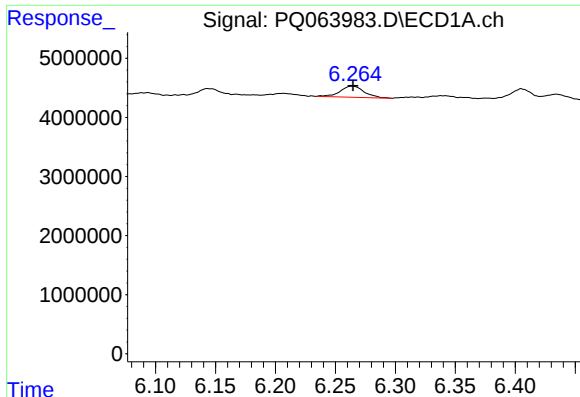
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 3520041
Conc: 12.81 ng/ml



#28 AR-1254-3

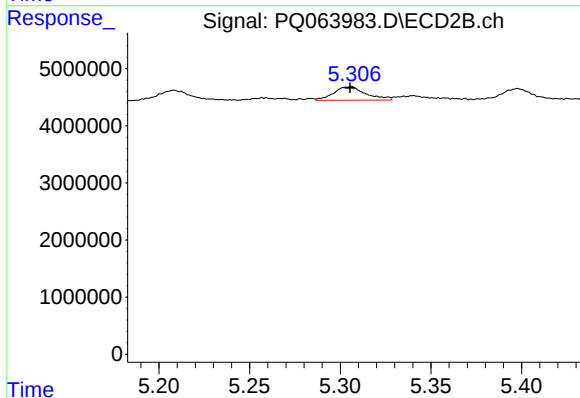
R.T.: 5.077 min
Delta R.T.: -0.001 min
Response: 4170743
Conc: 14.04 ng/ml



#29 AR-1254-4

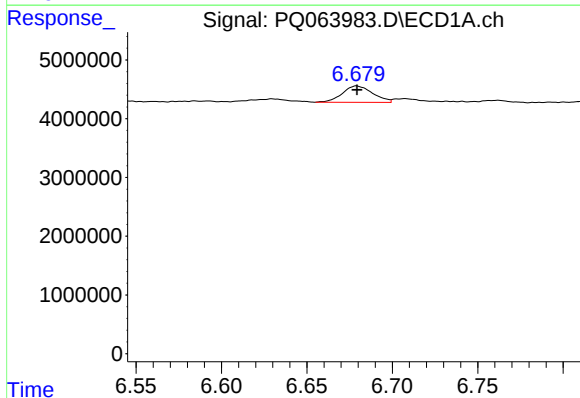
R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 2671126
Conc: 13.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



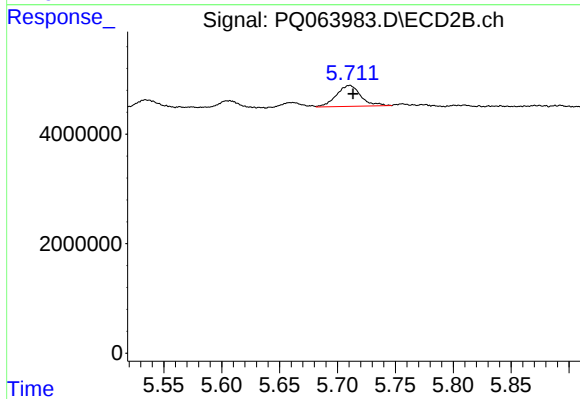
#29 AR-1254-4

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 2913569
Conc: 15.44 ng/ml



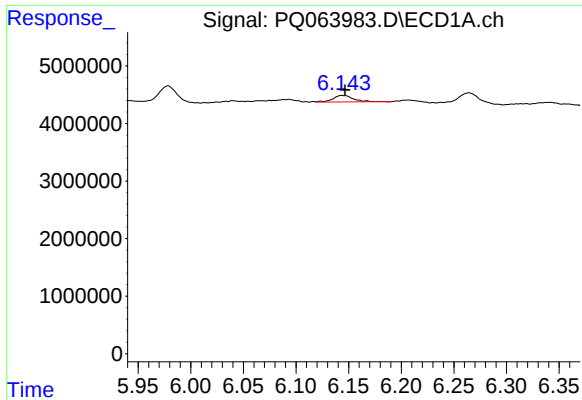
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 3450441
Conc: 15.77 ng/ml



#30 AR-1254-5

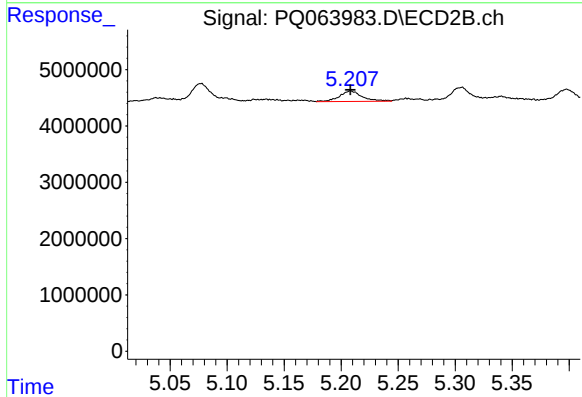
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 5647216
Conc: 20.76 ng/ml



#31 AR-1260-1

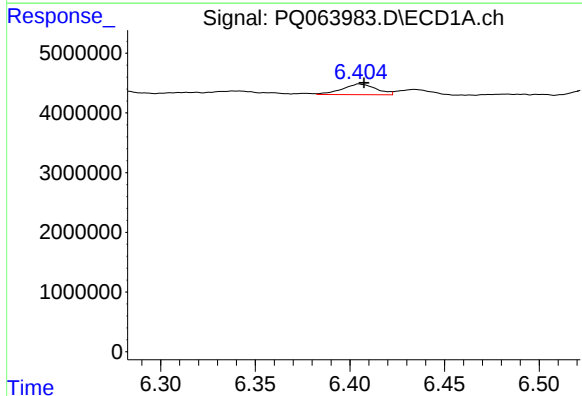
R.T.: 6.144 min
Delta R.T.: -0.003 min
Response: 1561016
Conc: 7.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



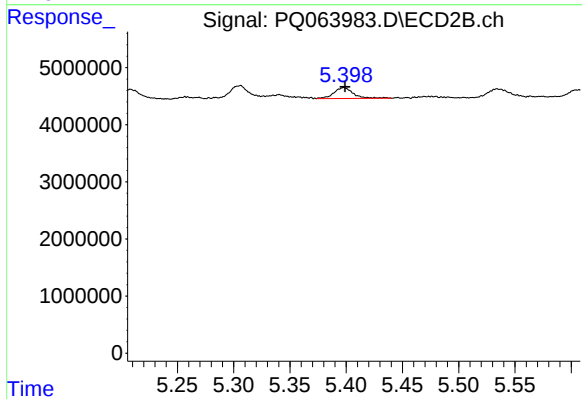
#31 AR-1260-1

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 2542337
Conc: 12.10 ng/ml



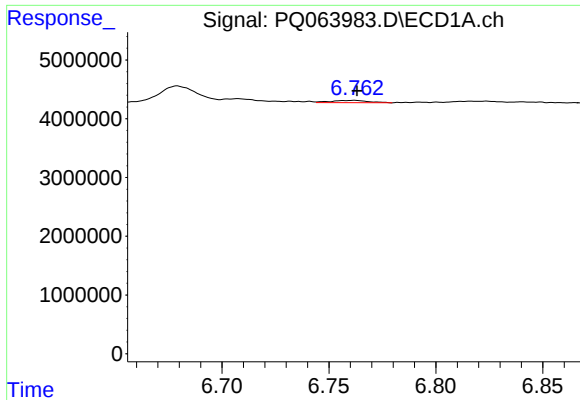
#32 AR-1260-2

R.T.: 6.405 min
Delta R.T.: -0.002 min
Response: 2221376
Conc: 8.53 ng/ml



#32 AR-1260-2

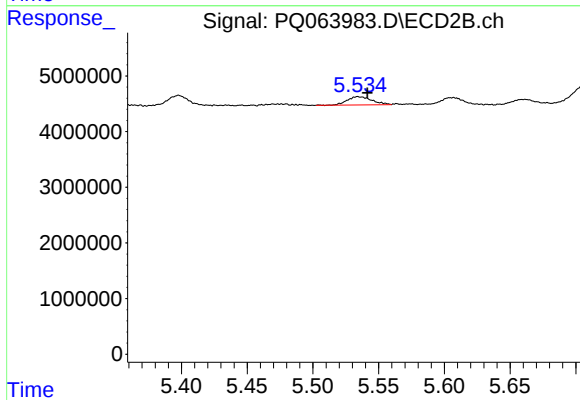
R.T.: 5.398 min
Delta R.T.: -0.001 min
Response: 2285861
Conc: 9.18 ng/ml



#33 AR-1260-3

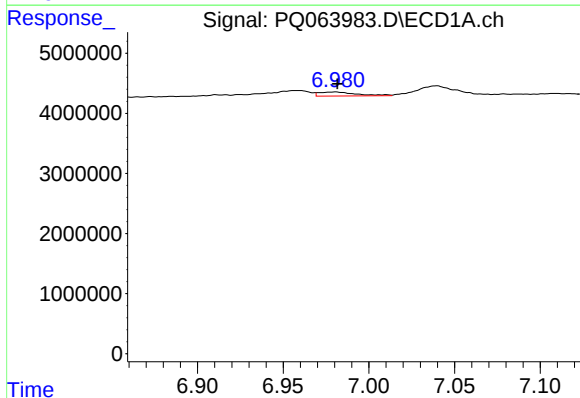
R.T.: 6.762 min
Delta R.T.: -0.001 min
Response: 480924
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



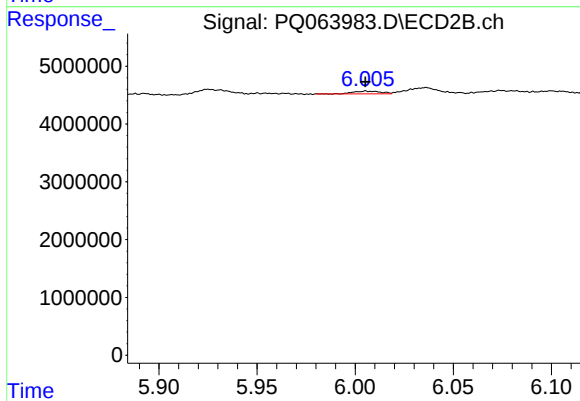
#33 AR-1260-3

R.T.: 5.534 min
Delta R.T.: -0.007 min
Response: 1925492
Conc: 8.11 ng/ml



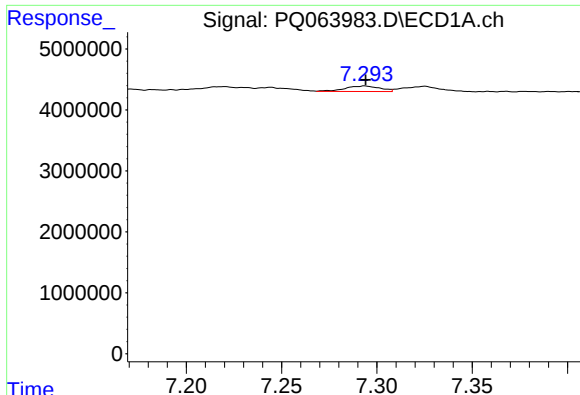
#34 AR-1260-4

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 1035293
Conc: 4.82 ng/ml



#34 AR-1260-4

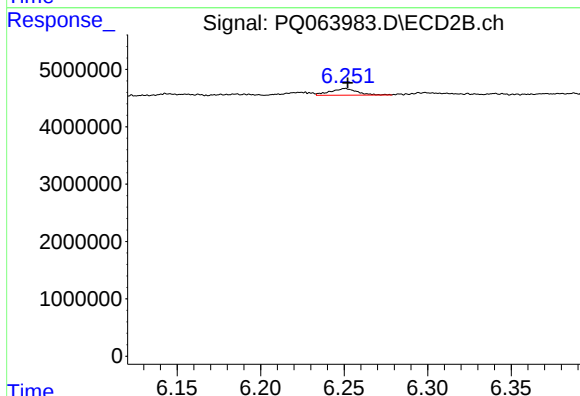
R.T.: 6.005 min
Delta R.T.: 0.000 min
Response: 451516
Conc: 2.23 ng/ml



#35 AR-1260-5

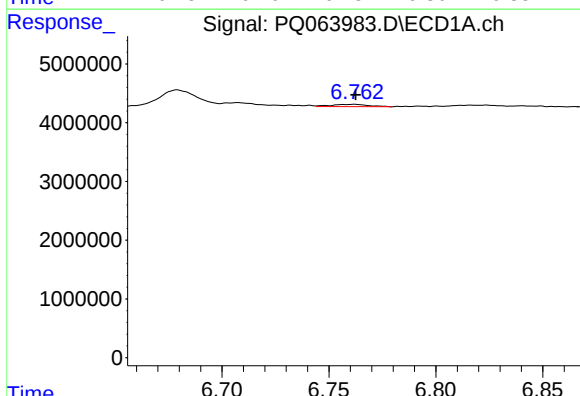
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 1177505
Conc: 2.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



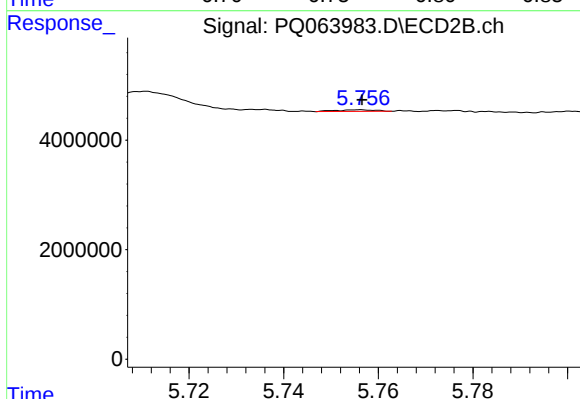
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 1293481
Conc: 2.77 ng/ml



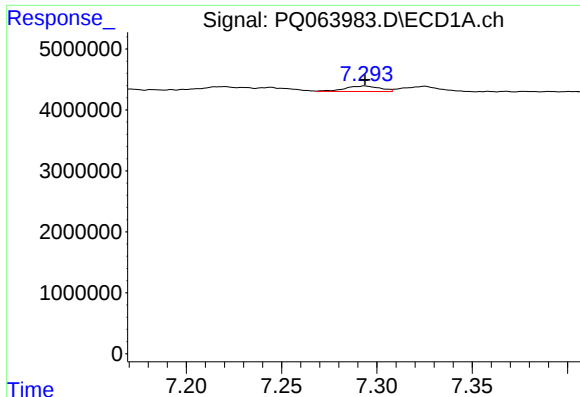
#36 AR-1262-1

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 480924
Conc: 1.70 ng/ml



#36 AR-1262-1

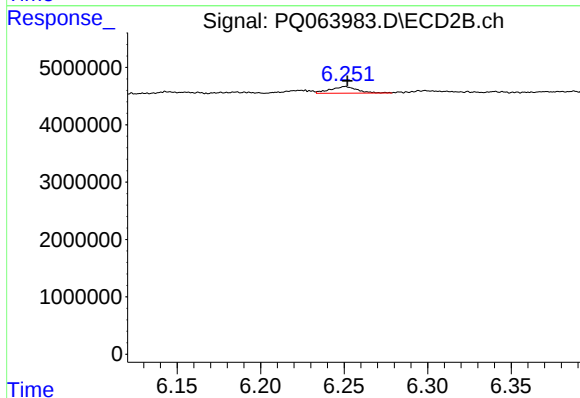
R.T.: 5.756 min
Delta R.T.: 0.000 min
Response: 170833
Conc: 0.59 ng/ml



#37 AR-1262-2

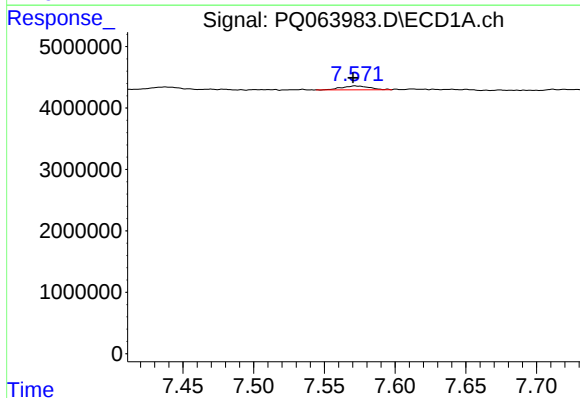
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 1177505
Conc: 2.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



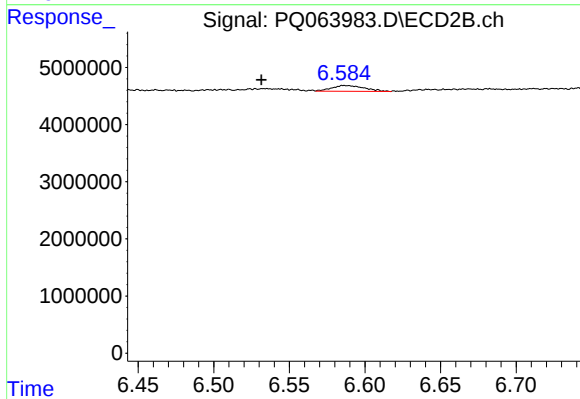
#37 AR-1262-2

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 1293481
Conc: 2.47 ng/ml



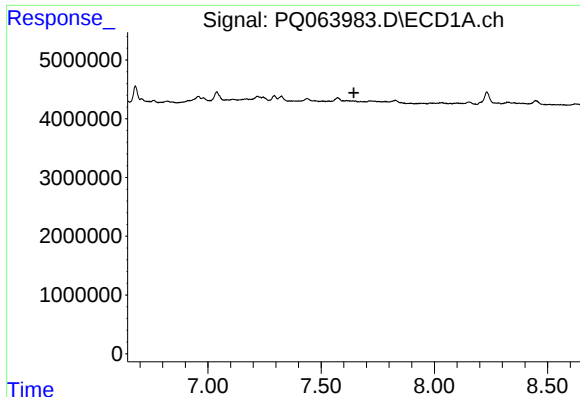
#38 AR-1262-3

R.T.: 7.572 min
Delta R.T.: 0.002 min
Response: 872259
Conc: 2.82 ng/ml



#38 AR-1262-3

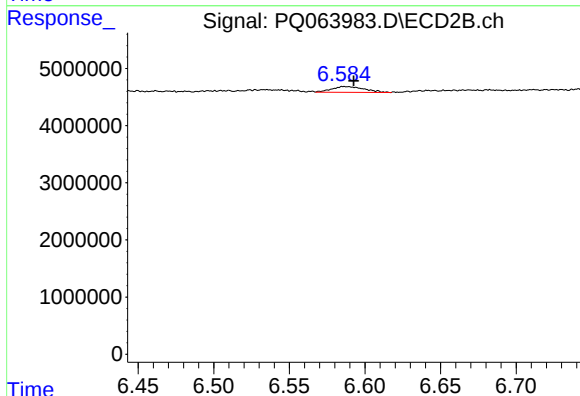
R.T.: 6.586 min
Delta R.T.: 0.054 min
Response: 1537132
Conc: 7.15 ng/ml



#39 AR-1262-4

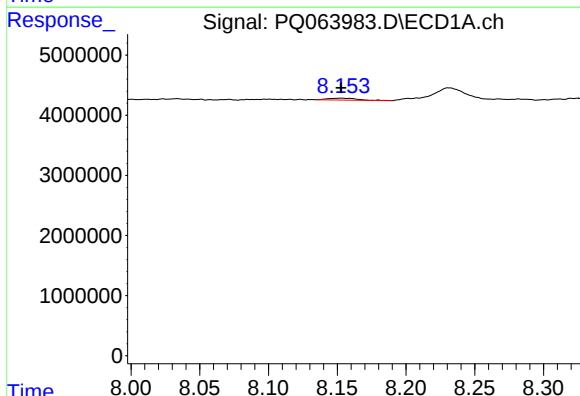
R.T.: 0.000 min
Exp R.T.: 7.645 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



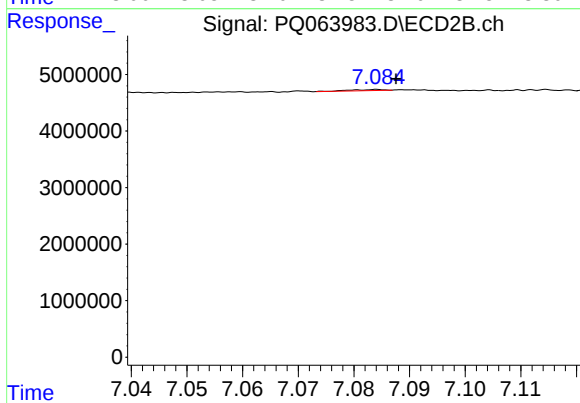
#39 AR-1262-4

R.T.: 6.586 min
Delta R.T.: -0.007 min
Response: 1537132
Conc: 3.86 ng/ml



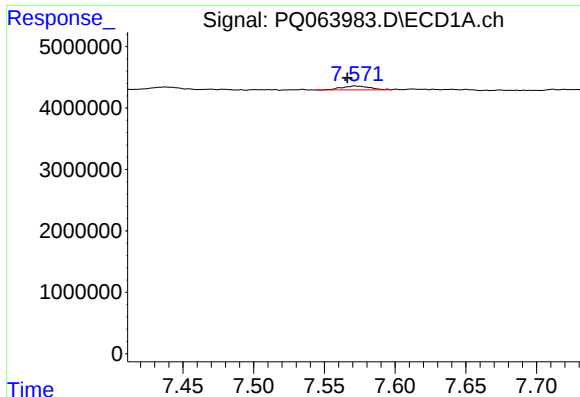
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 441631
Conc: 2.81 ng/ml



#40 AR-1262-5

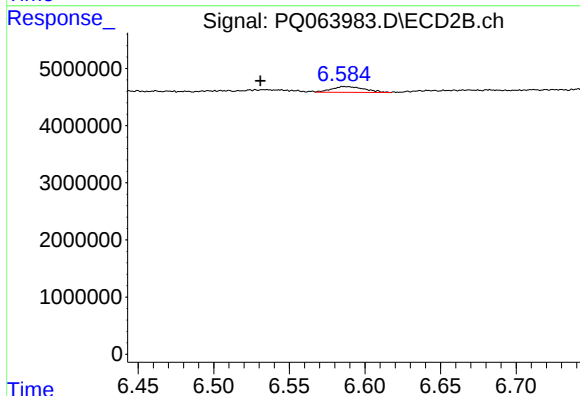
R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 76580
Conc: 0.38 ng/ml



#41 AR-1268-1

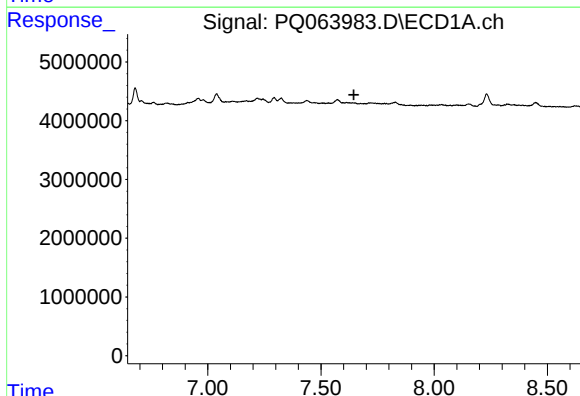
R.T.: 7.572 min
Delta R.T.: 0.006 min
Response: 872259
Conc: 1.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



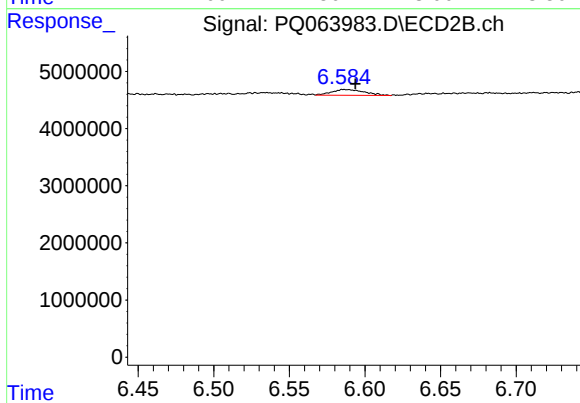
#41 AR-1268-1

R.T.: 6.586 min
Delta R.T.: 0.055 min
Response: 1537132
Conc: 2.51 ng/ml



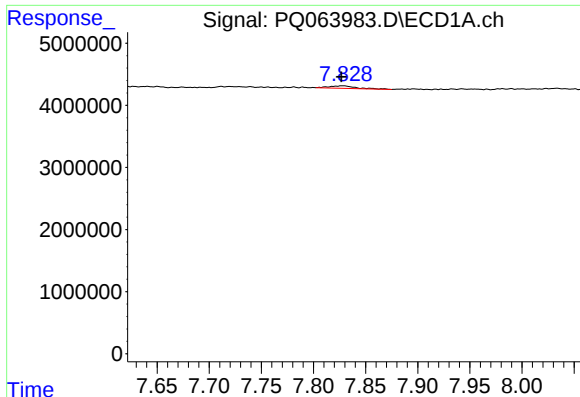
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.645 min
Response: 0
Conc: N.D.



#42 AR-1268-2

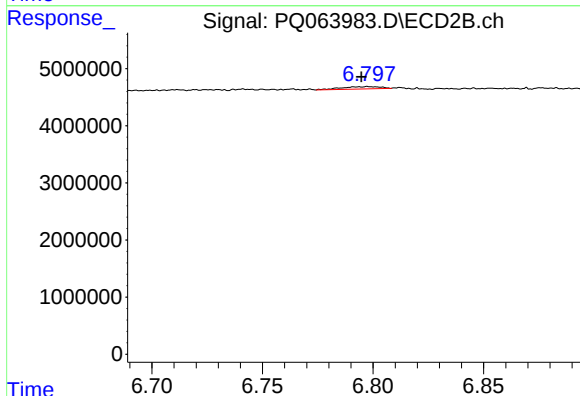
R.T.: 6.586 min
Delta R.T.: -0.008 min
Response: 1537132
Conc: 2.76 ng/ml



#43 AR-1268-3

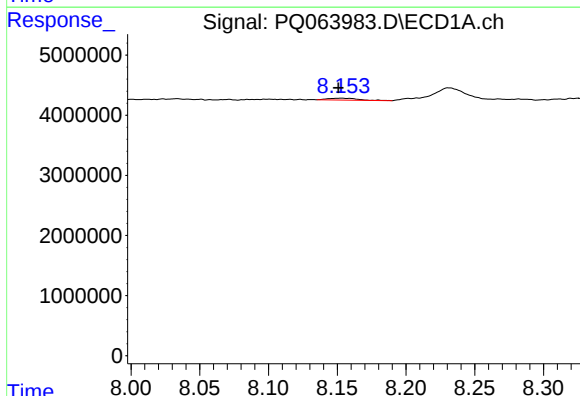
R.T.: 7.828 min
Delta R.T.: 0.001 min
Response: 728792
Conc: 1.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



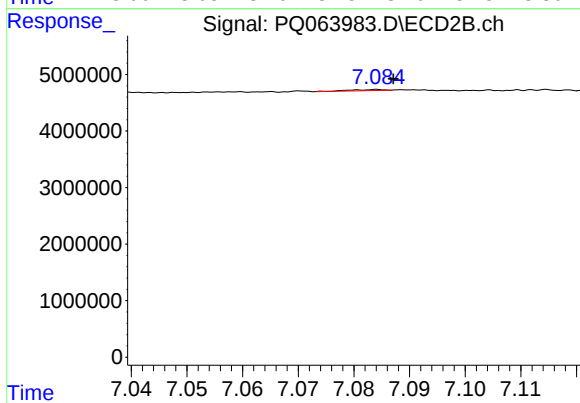
#43 AR-1268-3

R.T.: 6.798 min
Delta R.T.: 0.003 min
Response: 500836
Conc: 1.02 ng/ml



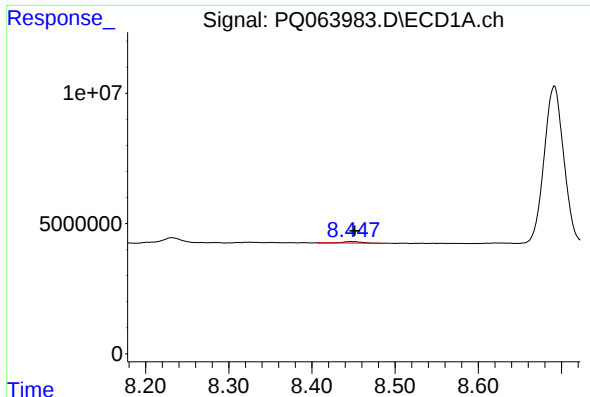
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.002 min
Response: 441631
Conc: 2.54 ng/ml



#44 AR-1268-4

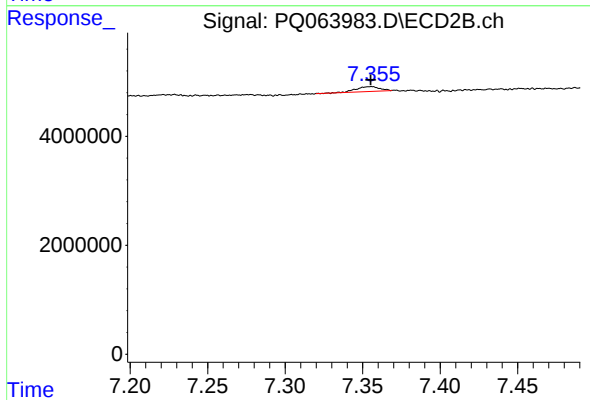
R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 76580
Conc: 0.36 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: -0.004 min
Response: 906724
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 938573
Conc: 0.52 ng/ml