

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
 Data File : PQ064052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 23:41
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 01:15:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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...	3.459	2.777	218.3E6	211.9E6	51.225	57.618
2)	SA Decachlor...	8.692	7.573	136.9E6	191.4E6	42.393	40.840
Target Compounds							
3)	L1 AR-1016-1	4.574	3.786	54171946	53659374	393.092	425.942
4)	L1 AR-1016-2	4.594	3.802	80356340	77688554	380.453	428.791
5)	L1 AR-1016-3	4.652	3.963	49991450	41874218	375.372	429.700
6)	L1 AR-1016-4	4.744	4.013	41380351	36135343	393.580	428.312
7)	L1 AR-1016-5	5.034	4.208	45739019	44509011	431.728	445.041
8)	L2 AR-1221-1	3.659	2.979	6915973	7461599	127.809	144.796
9)	L2 AR-1221-2	3.742	3.058	9208658	9664058	252.086	277.167
10)	L2 AR-1221-3	3.812	3.126	33237596	35413476	279.880	321.056
11)	L3 AR-1232-1	3.812	3.126	33237596	35413476	355.358	408.983
12)	L3 AR-1232-2	4.313	3.802	42823785	77688554	815.427	976.704
13)	L3 AR-1232-3	4.594	3.963	80356340	41874218	893.418	1011.472
14)	L3 AR-1232-4	4.744	4.049	41380351	39850836	946.373	1097.317
15)	L3 AR-1232-5	4.843	4.208	34888598	44509011	1043.311	1059.300
16)	L4 AR-1242-1	4.574	3.786	54171946	53659374	480.741	521.639
17)	L4 AR-1242-2	4.594	3.802	80356340	77688554	475.200	526.446
18)	L4 AR-1242-3	4.652	3.963	49991450	41874218	473.647	526.353
19)	L4 AR-1242-4	4.744	4.049	41380351	39850836	487.702	525.142
20)	L4 AR-1242-5	5.466	4.547	41701189	51232499	471.616	509.300
21)	L5 AR-1248-1	4.574	3.786	54171946	53659374	650.670	688.169
22)	L5 AR-1248-2	4.843	4.013	34888598	36135343	287.453	304.831
23)	L5 AR-1248-3	5.034	4.049	45739019	39850836	315.893	353.717
24)	L5 AR-1248-4	5.431	4.208	41223816	44509011	266.004	323.330
25)	L5 AR-1248-5	5.466	4.585	41701189	41505681	272.723	309.126
26)	L6 AR-1254-1	5.403	4.547	33940539	51232499	216.251	263.591
27)	L6 AR-1254-2	5.619	4.695	38684427	15635779	163.118	89.755 #
28)	L6 AR-1254-3	5.979	5.077	17150756	19599317	69.173	73.222
29)	L6 AR-1254-4	6.265	5.305	12617915	12934296	69.627	73.729
30)	L6 AR-1254-5	6.680	5.712	4880393	6919478	24.468	27.142
31)	L7 AR-1260-1	6.145	5.210	2739543	10951115	13.381	55.366 #
32)	L7 AR-1260-2	6.406	5.398	3086682	2897508	12.778	12.137
33)	L7 AR-1260-3	6.736f	5.535	841487	3247969	5.228	14.379 #
34)	L7 AR-1260-4	6.958	6.007	2054154	616203	11.134	3.581 #
35)	L7 AR-1260-5	7.287	6.249	1897699	1016379	5.340	2.547 #
36)	L8 AR-1262-1	6.736f	5.819	841487	137663	3.220	1.257 #
37)	L8 AR-1262-2	7.287	6.007	1897699	616203	4.462	2.495 #
38)	L8 AR-1262-3	7.570	6.534	946448	432445	3.303	2.135 #
39)	L8 AR-1262-4	0.000	6.586	0	704468	N.D.	1.891 #
40)	L8 AR-1262-5	8.152	7.049f	333478	287003	2.341	1.587 #
41)	L9 AR-1268-1	7.570	6.534	946448	432445	1.914	0.754 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
 Data File : PQ064052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 23:41
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

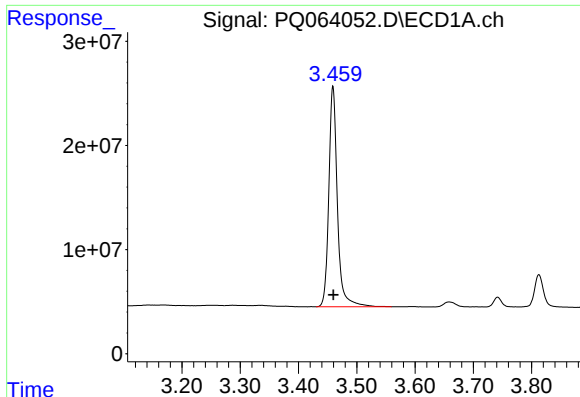
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 01:15:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
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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	0.000	6.586	0	704468	N.D.	1.357 #
43) L9	AR-1268-3	7.831	6.789	2709571	733856	6.945	1.583 #
44) L9	AR-1268-4	8.152	7.049f	333478	287003	2.133	1.469 #
45) L9	AR-1268-5	8.450	7.355	509444	2216013	0.452	1.448 #

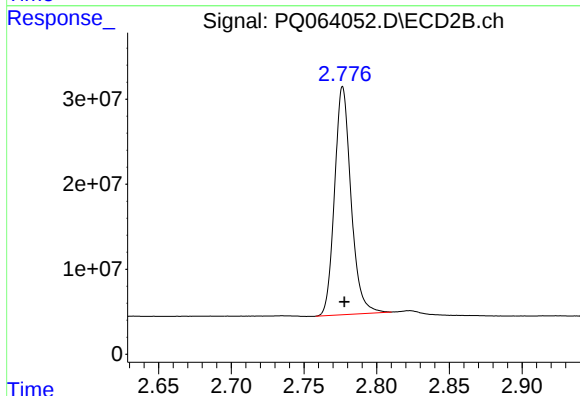
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

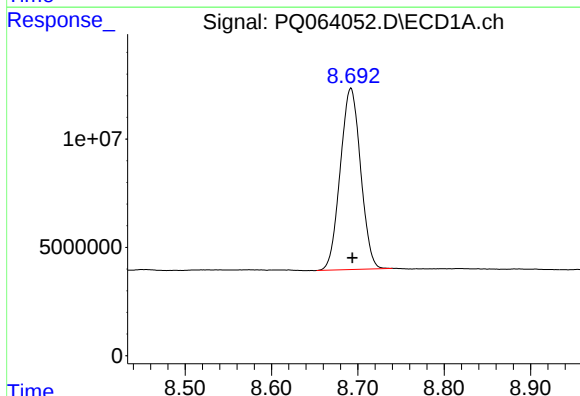
R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 218344494
Conc: 51.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



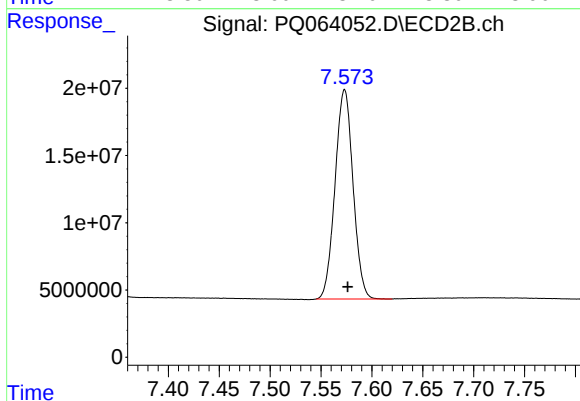
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 211900468
Conc: 57.62 ng/ml



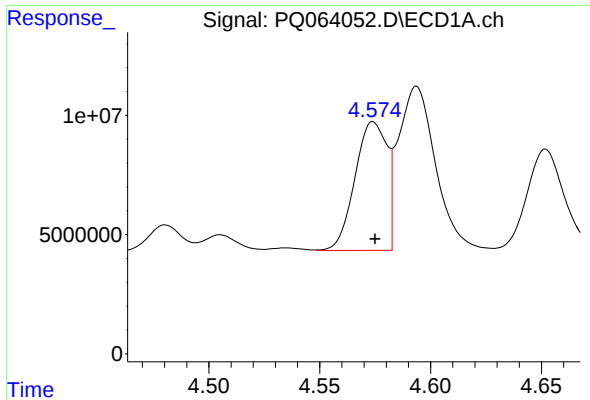
#2 Decachlorobiphenyl

R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 136871222
Conc: 42.39 ng/ml



#2 Decachlorobiphenyl

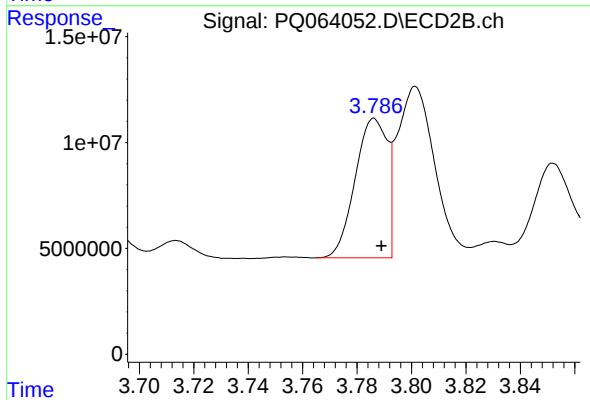
R.T.: 7.573 min
Delta R.T.: -0.003 min
Response: 191353671
Conc: 40.84 ng/ml



#3 AR-1016-1

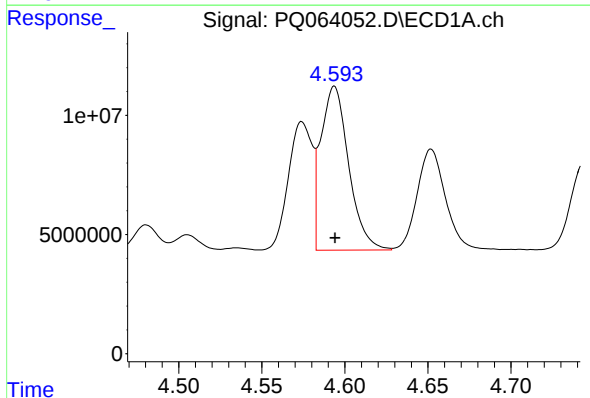
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 54171946
Conc: 393.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



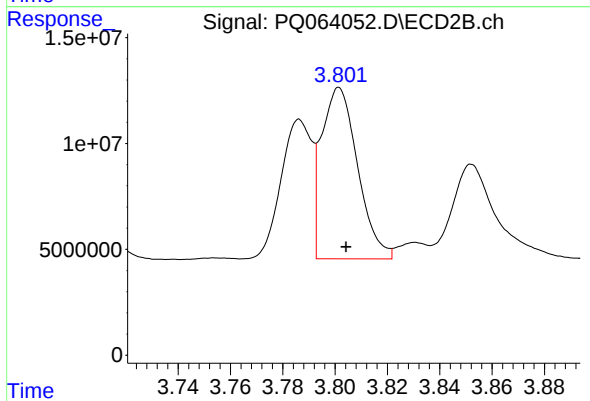
#3 AR-1016-1

R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 53659374
Conc: 425.94 ng/ml



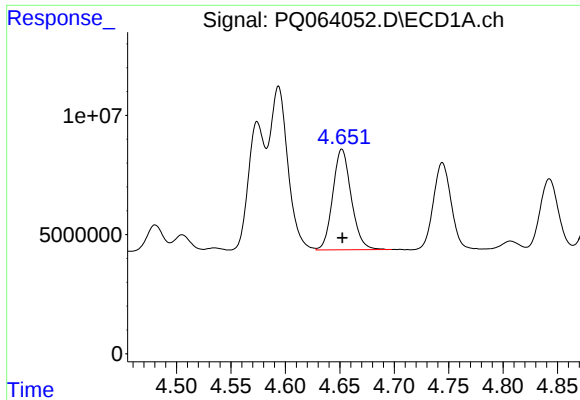
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 80356340
Conc: 380.45 ng/ml



#4 AR-1016-2

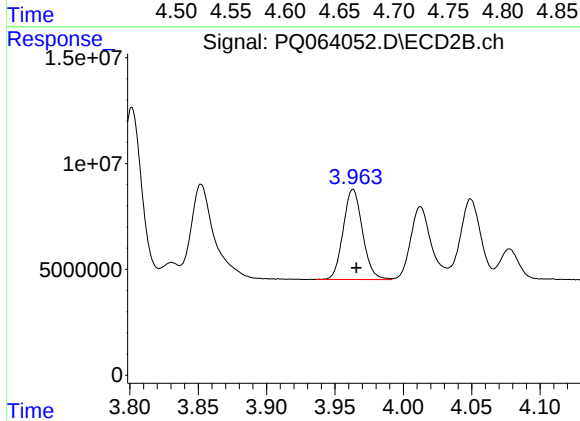
R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 77688554
Conc: 428.79 ng/ml



#5 AR-1016-3

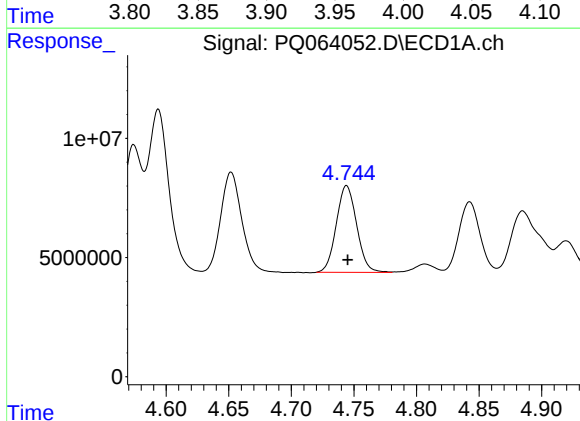
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 49991450
Conc: 375.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



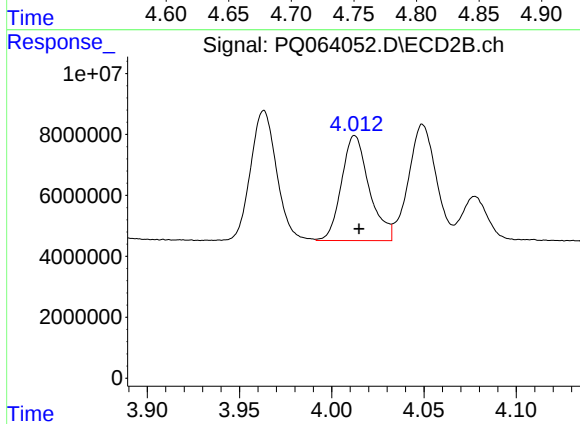
#5 AR-1016-3

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 41874218
Conc: 429.70 ng/ml



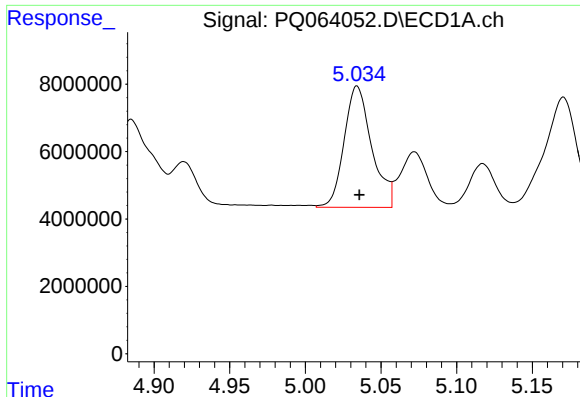
#6 AR-1016-4

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 41380351
Conc: 393.58 ng/ml



#6 AR-1016-4

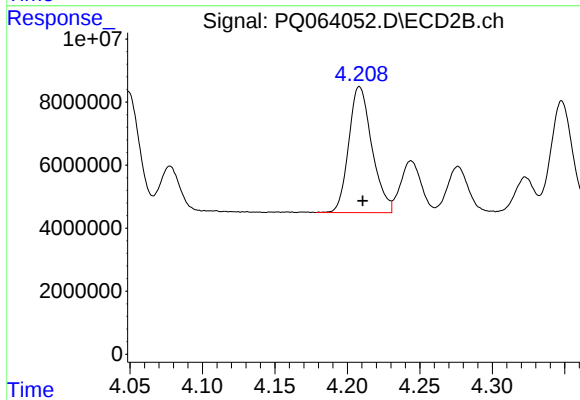
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 36135343
Conc: 428.31 ng/ml



#7 AR-1016-5

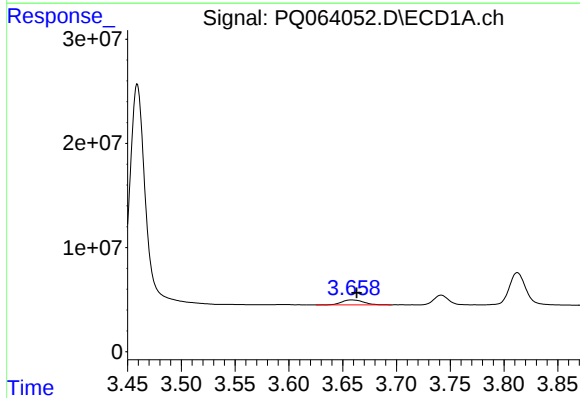
R.T.: 5.034 min
Delta R.T.: -0.001 min
Response: 45739019
Conc: 431.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



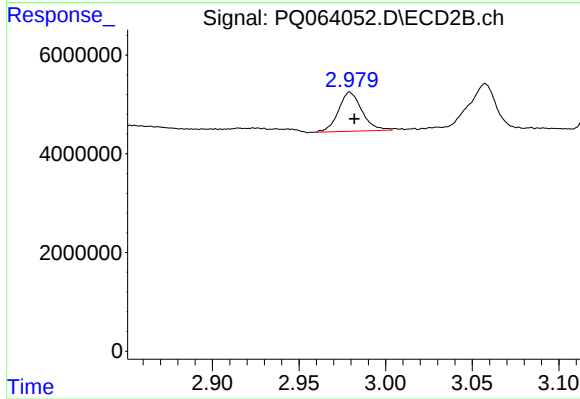
#7 AR-1016-5

R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 44509011
Conc: 445.04 ng/ml



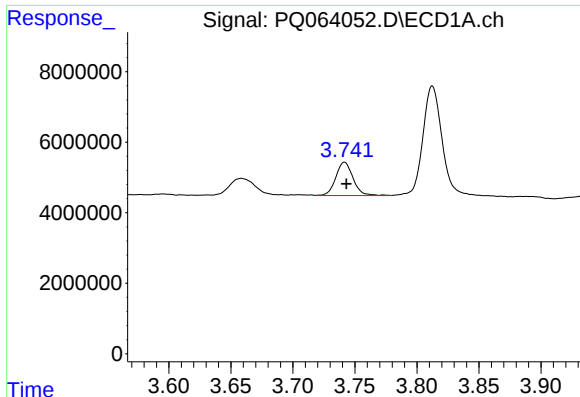
#8 AR-1221-1

R.T.: 3.659 min
Delta R.T.: -0.005 min
Response: 6915973
Conc: 127.81 ng/ml



#8 AR-1221-1

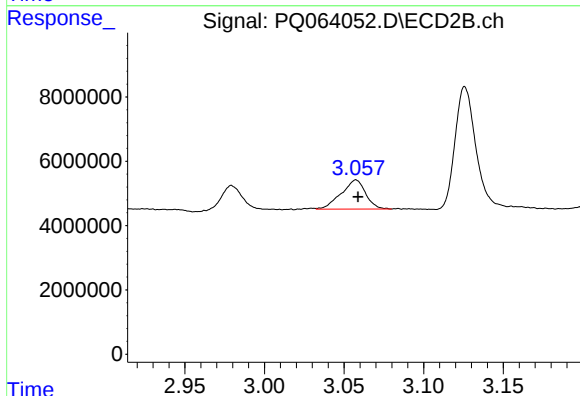
R.T.: 2.979 min
Delta R.T.: -0.003 min
Response: 7461599
Conc: 144.80 ng/ml



#9 AR-1221-2

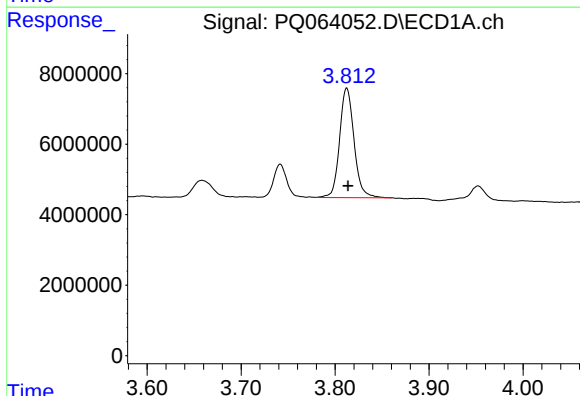
R.T.: 3.742 min
Delta R.T.: -0.001 min
Response: 9208658
Conc: 252.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



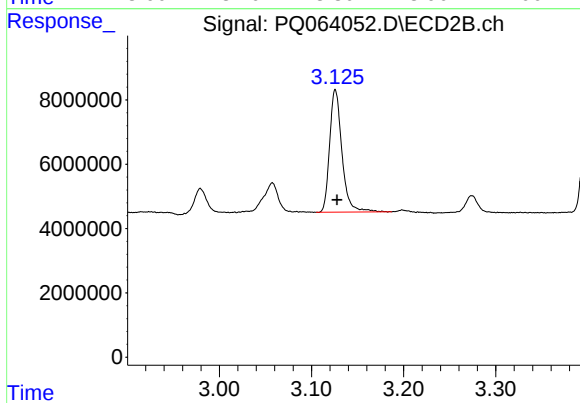
#9 AR-1221-2

R.T.: 3.058 min
Delta R.T.: -0.001 min
Response: 9664058
Conc: 277.17 ng/ml



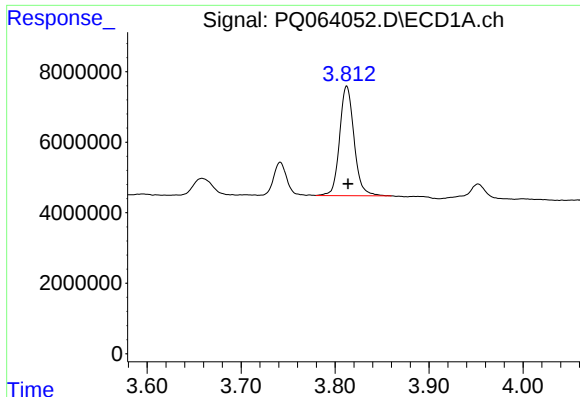
#10 AR-1221-3

R.T.: 3.812 min
Delta R.T.: -0.001 min
Response: 33237596
Conc: 279.88 ng/ml



#10 AR-1221-3

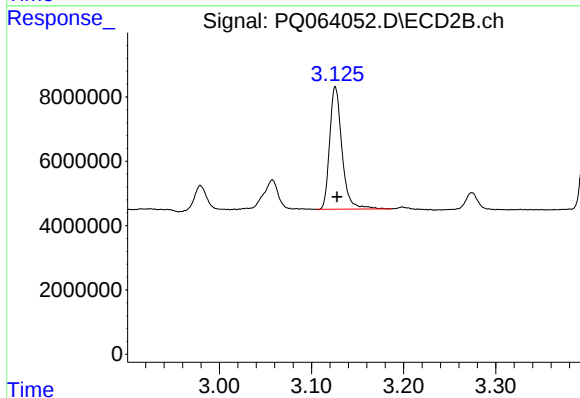
R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 35413476
Conc: 321.06 ng/ml



#11 AR-1232-1

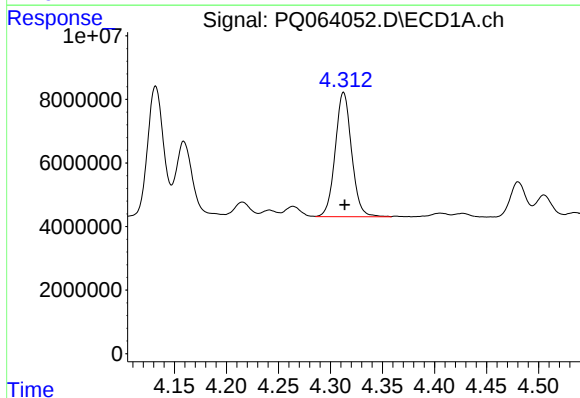
R.T.: 3.812 min
Delta R.T.: -0.001 min
Response: 33237596
Conc: 355.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



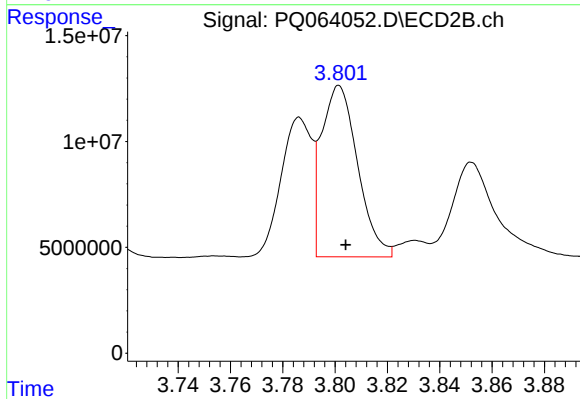
#11 AR-1232-1

R.T.: 3.126 min
Delta R.T.: -0.002 min
Response: 35413476
Conc: 408.98 ng/ml



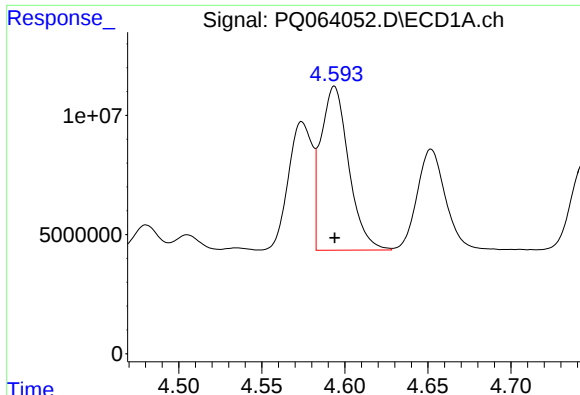
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 42823785
Conc: 815.43 ng/ml



#12 AR-1232-2

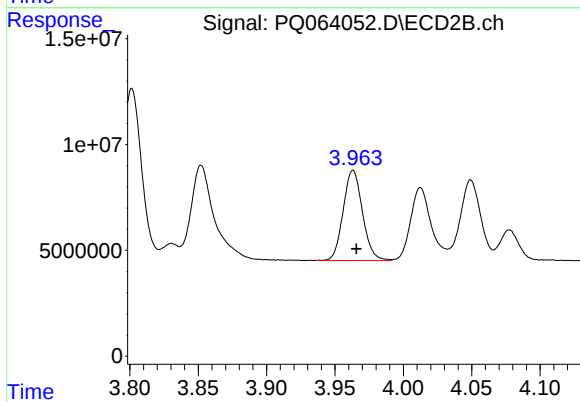
R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 77688554
Conc: 976.70 ng/ml



#13 AR-1232-3

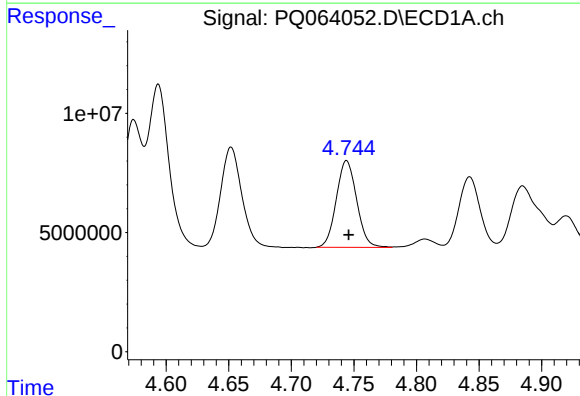
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 80356340
Conc: 893.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



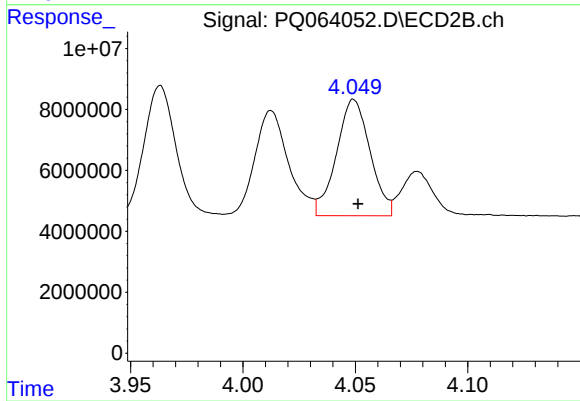
#13 AR-1232-3

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 41874218
Conc: 1011.47 ng/ml



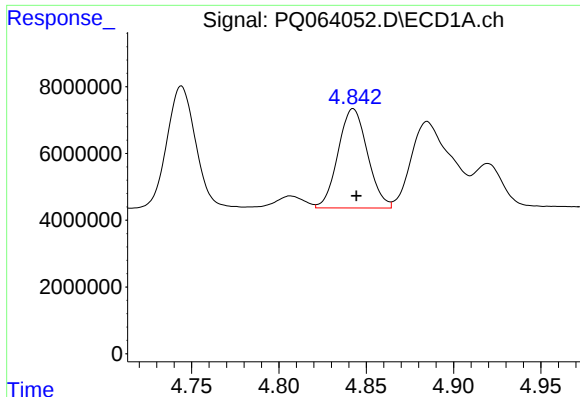
#14 AR-1232-4

R.T.: 4.744 min
Delta R.T.: -0.002 min
Response: 41380351
Conc: 946.37 ng/ml



#14 AR-1232-4

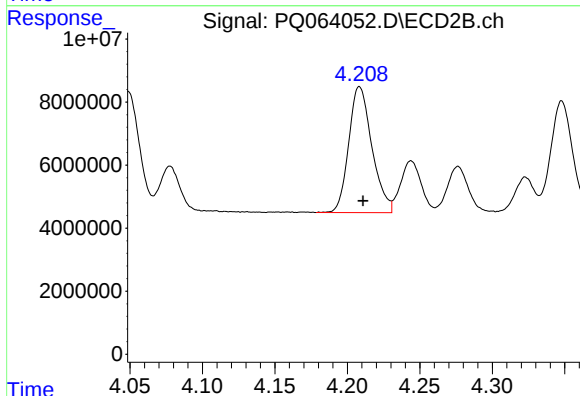
R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 39850836
Conc: 1097.32 ng/ml



#15 AR-1232-5

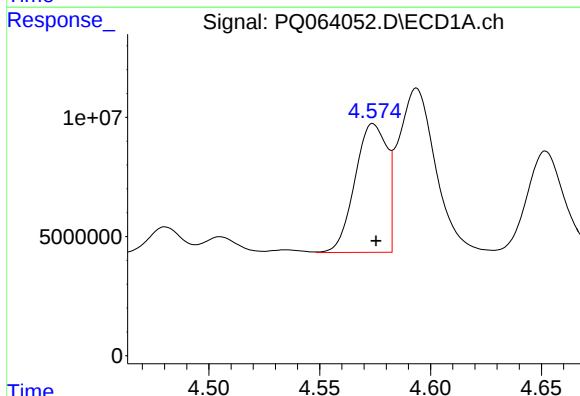
R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 34888598
Conc: 1043.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



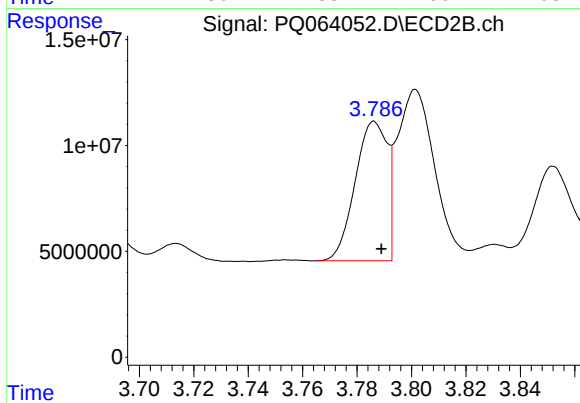
#15 AR-1232-5

R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 44509011
Conc: 1059.30 ng/ml



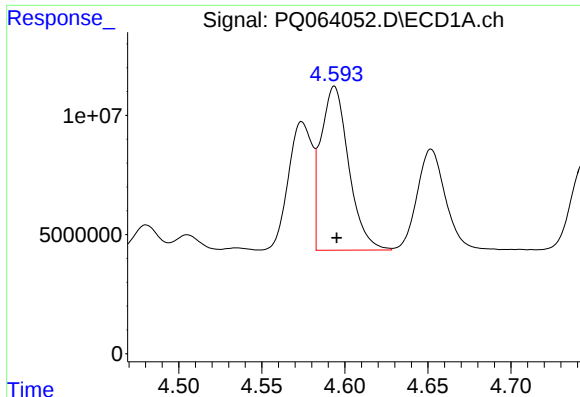
#16 AR-1242-1

R.T.: 4.574 min
Delta R.T.: -0.001 min
Response: 54171946
Conc: 480.74 ng/ml



#16 AR-1242-1

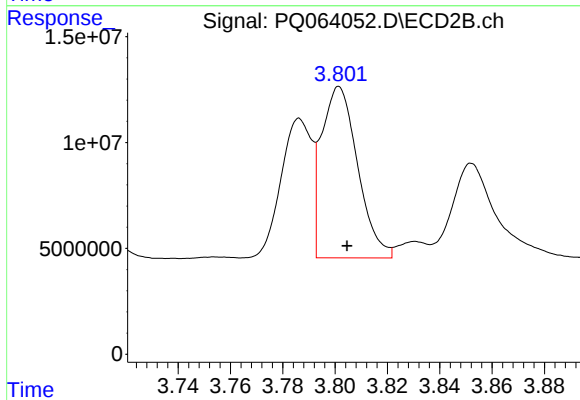
R.T.: 3.786 min
Delta R.T.: -0.003 min
Response: 53659374
Conc: 521.64 ng/ml



#17 AR-1242-2

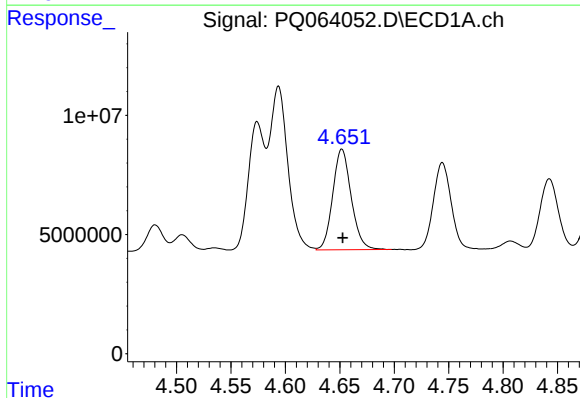
R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 80356340
Conc: 475.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



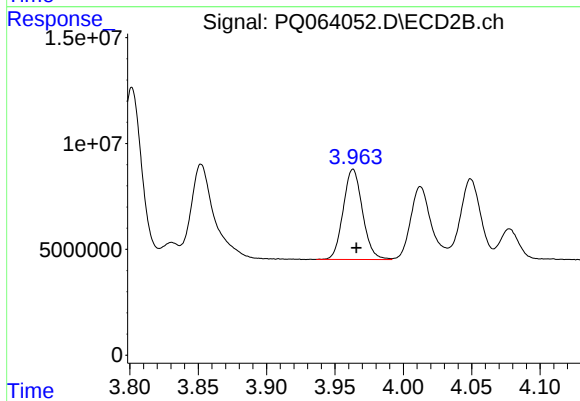
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.003 min
Response: 77688554
Conc: 526.45 ng/ml



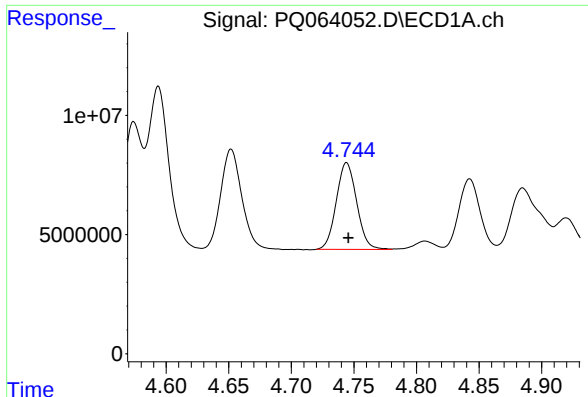
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 49991450
Conc: 473.65 ng/ml



#18 AR-1242-3

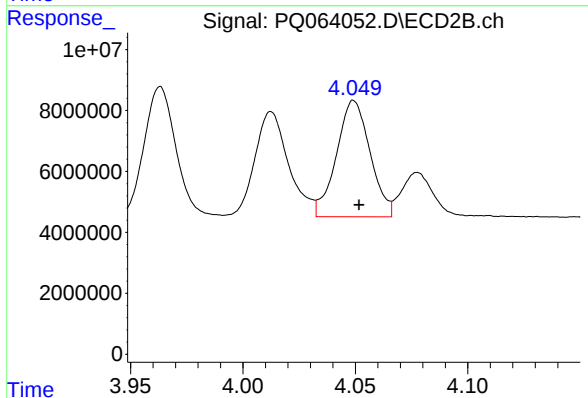
R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 41874218
Conc: 526.35 ng/ml



#19 AR-1242-4

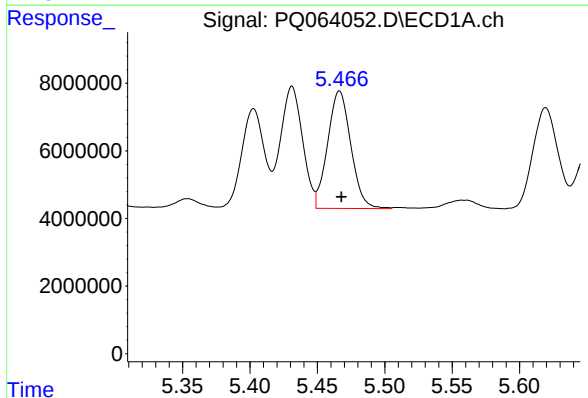
R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 41380351
Conc: 487.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



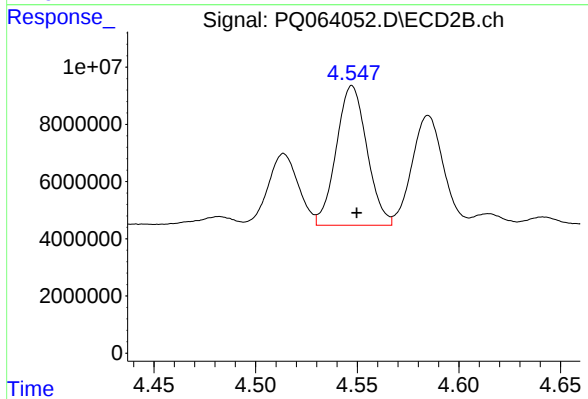
#19 AR-1242-4

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 39850836
Conc: 525.14 ng/ml



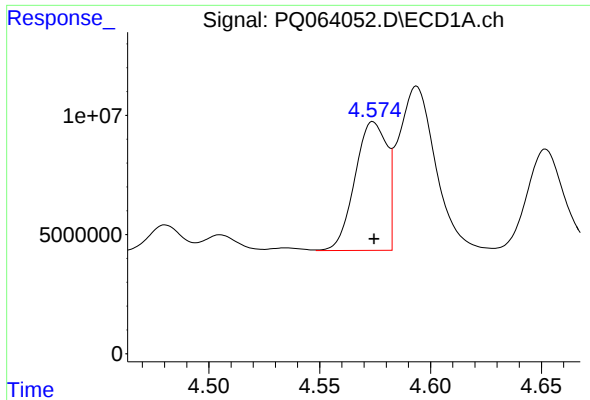
#20 AR-1242-5

R.T.: 5.466 min
Delta R.T.: -0.001 min
Response: 41701189
Conc: 471.62 ng/ml



#20 AR-1242-5

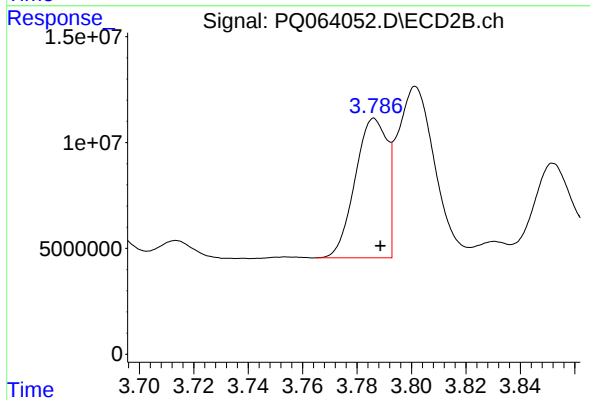
R.T.: 4.547 min
Delta R.T.: -0.002 min
Response: 51232499
Conc: 509.30 ng/ml



#21 AR-1248-1

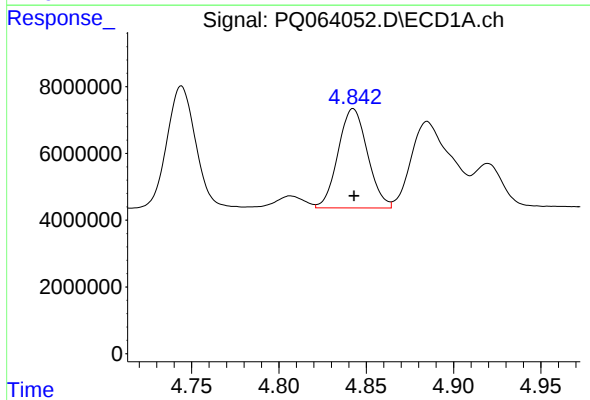
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 54171946
Conc: 650.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



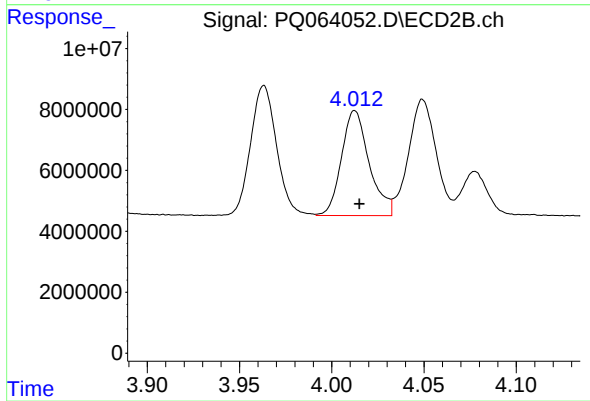
#21 AR-1248-1

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 53659374
Conc: 688.17 ng/ml



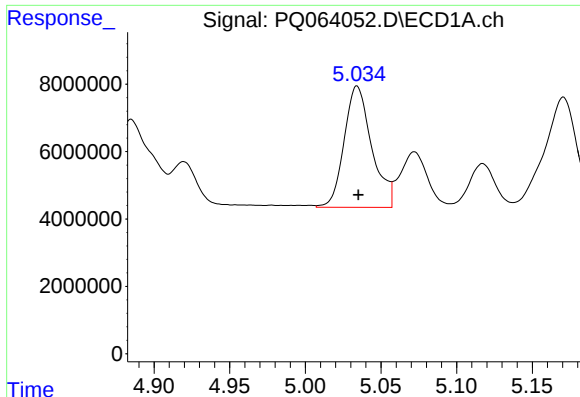
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 34888598
Conc: 287.45 ng/ml



#22 AR-1248-2

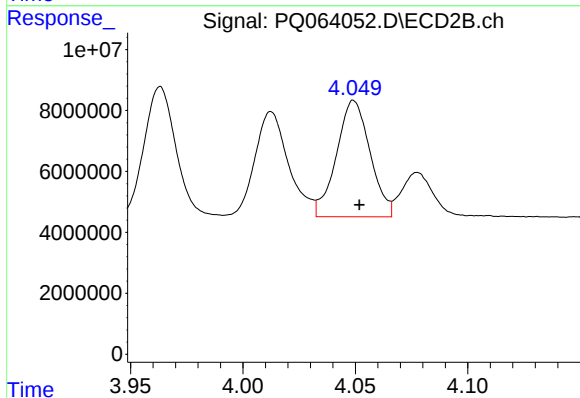
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 36135343
Conc: 304.83 ng/ml



#23 AR-1248-3

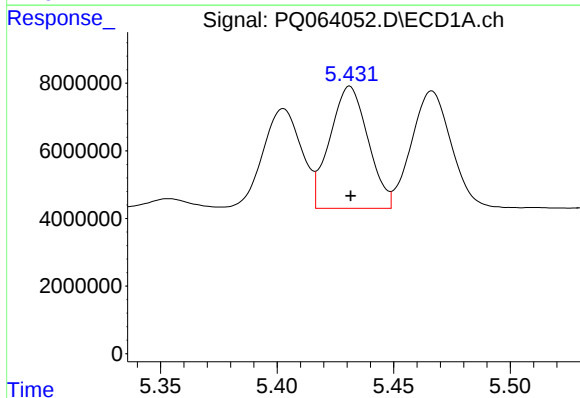
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 45739019
Conc: 315.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



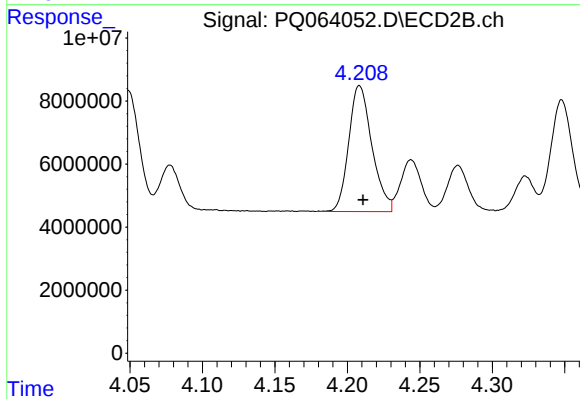
#23 AR-1248-3

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 39850836
Conc: 353.72 ng/ml



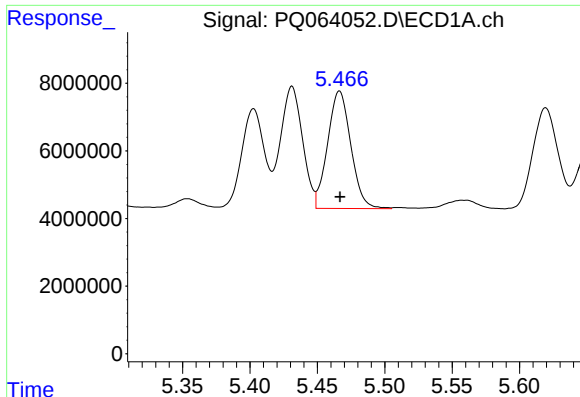
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 41223816
Conc: 266.00 ng/ml



#24 AR-1248-4

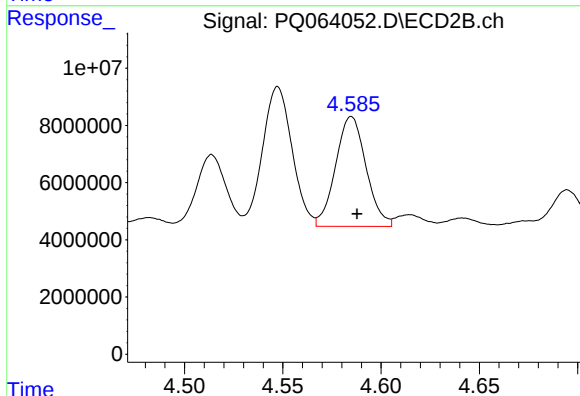
R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 44509011
Conc: 323.33 ng/ml



#25 AR-1248-5

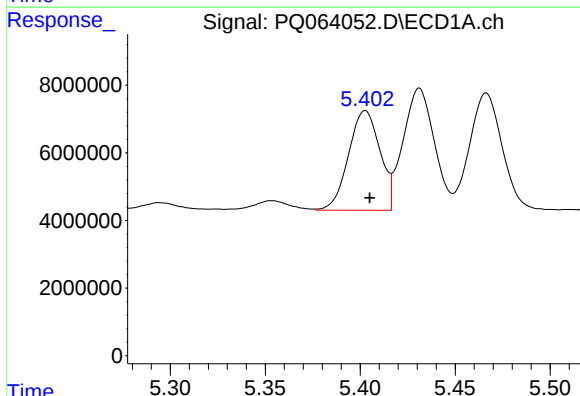
R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 41701189
Conc: 272.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



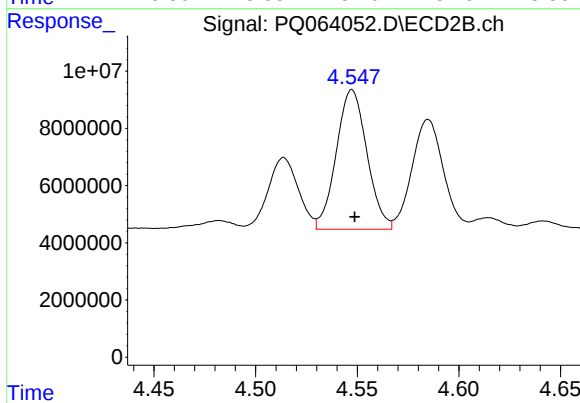
#25 AR-1248-5

R.T.: 4.585 min
Delta R.T.: -0.003 min
Response: 41505681
Conc: 309.13 ng/ml



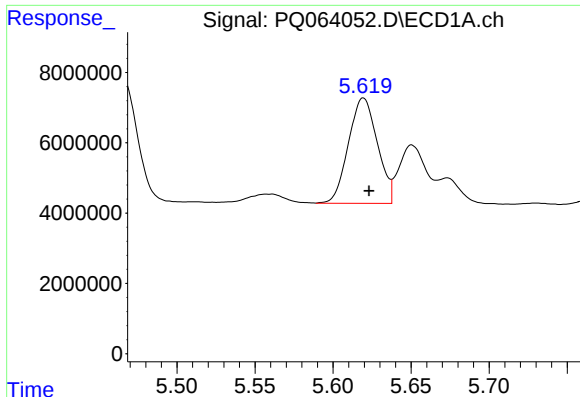
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 33940539
Conc: 216.25 ng/ml



#26 AR-1254-1

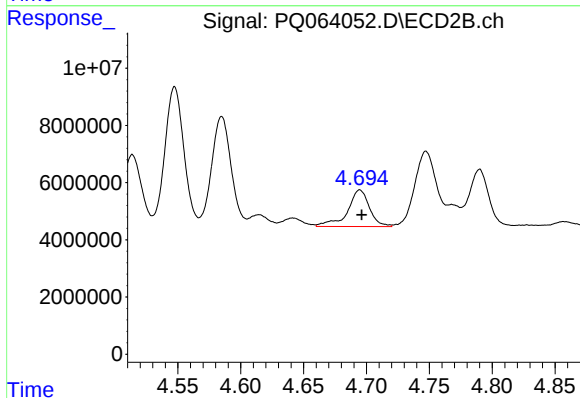
R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 51232499
Conc: 263.59 ng/ml



#27 AR-1254-2

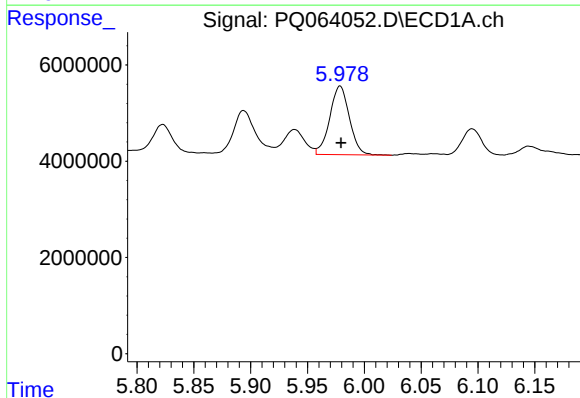
R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 38684427
Conc: 163.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



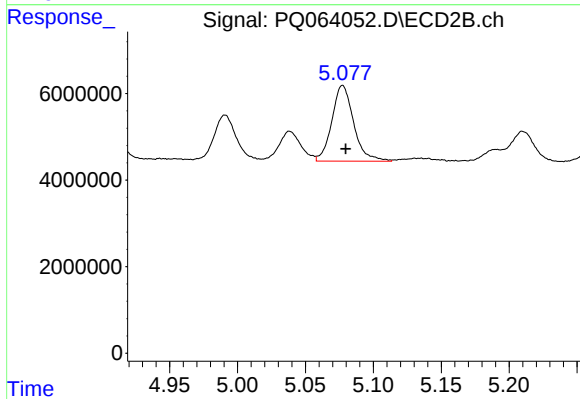
#27 AR-1254-2

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 15635779
Conc: 89.76 ng/ml



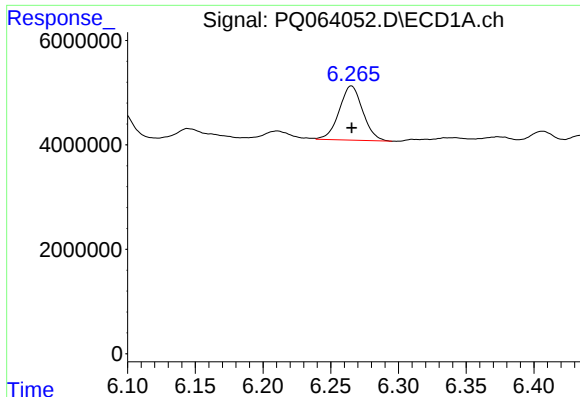
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 17150756
Conc: 69.17 ng/ml



#28 AR-1254-3

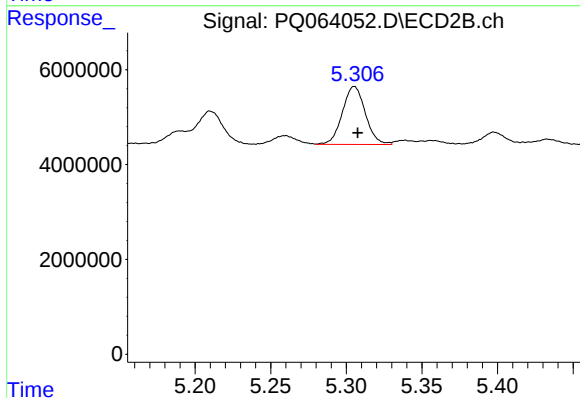
R.T.: 5.077 min
Delta R.T.: -0.002 min
Response: 19599317
Conc: 73.22 ng/ml



#29 AR-1254-4

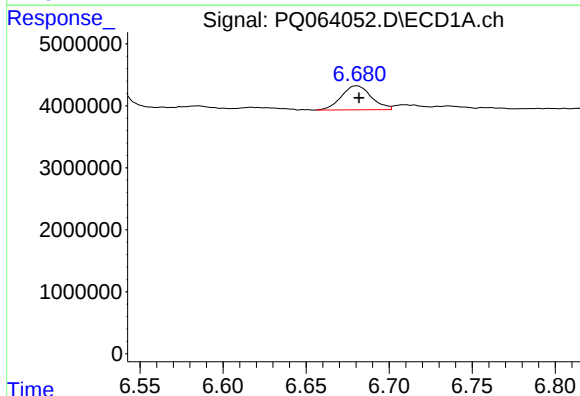
R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 12617915
Conc: 69.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



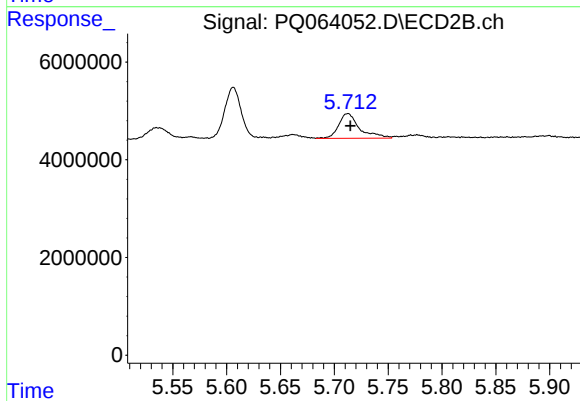
#29 AR-1254-4

R.T.: 5.305 min
Delta R.T.: -0.002 min
Response: 12934296
Conc: 73.73 ng/ml



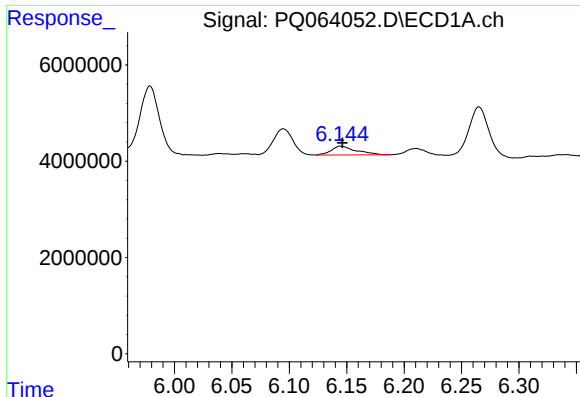
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 4880393
Conc: 24.47 ng/ml



#30 AR-1254-5

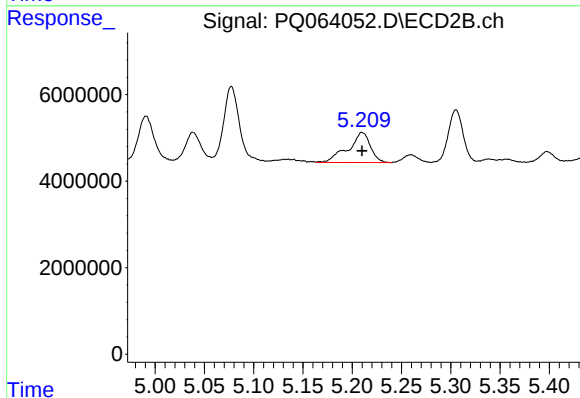
R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 6919478
Conc: 27.14 ng/ml



#31 AR-1260-1

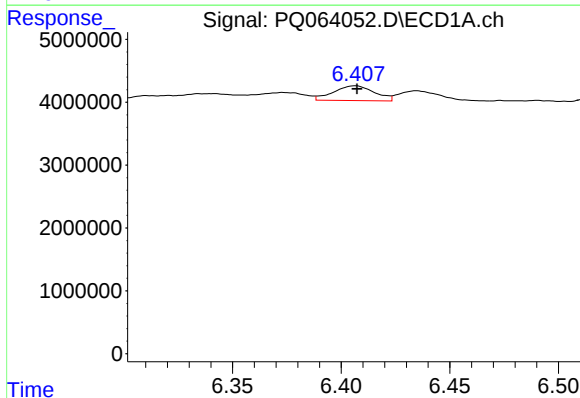
R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 2739543
Conc: 13.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



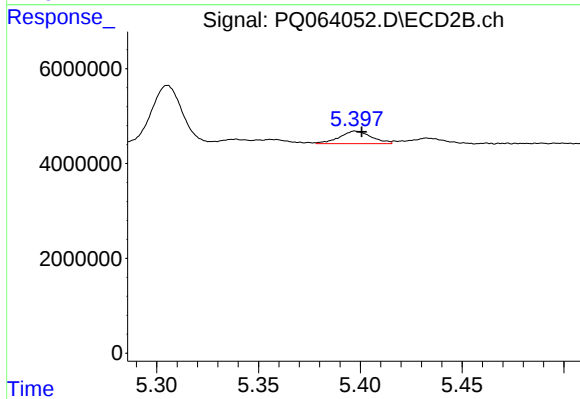
#31 AR-1260-1

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 10951115
Conc: 55.37 ng/ml



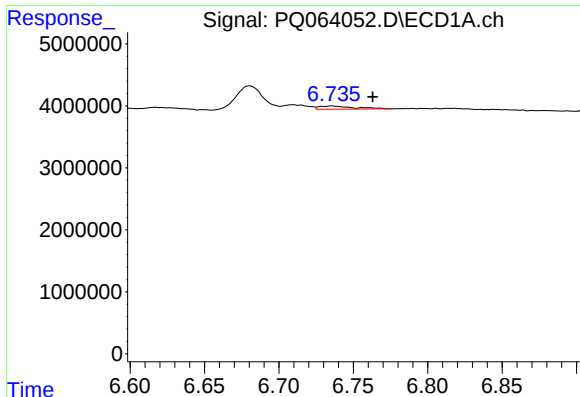
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 3086682
Conc: 12.78 ng/ml



#32 AR-1260-2

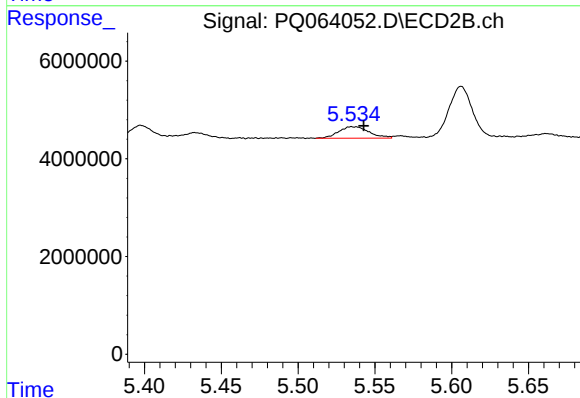
R.T.: 5.398 min
Delta R.T.: -0.003 min
Response: 2897508
Conc: 12.14 ng/ml



#33 AR-1260-3

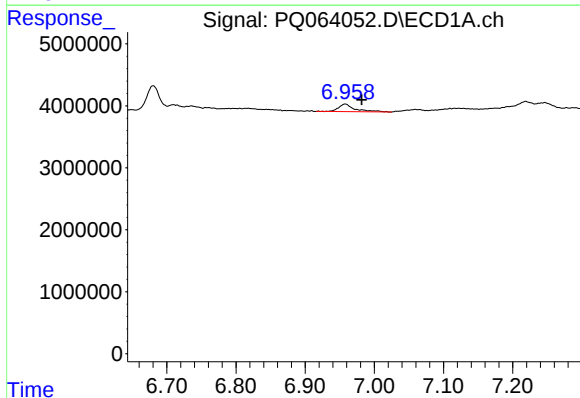
R.T.: 6.736 min
Delta R.T.: -0.027 min
Response: 841487
Conc: 5.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



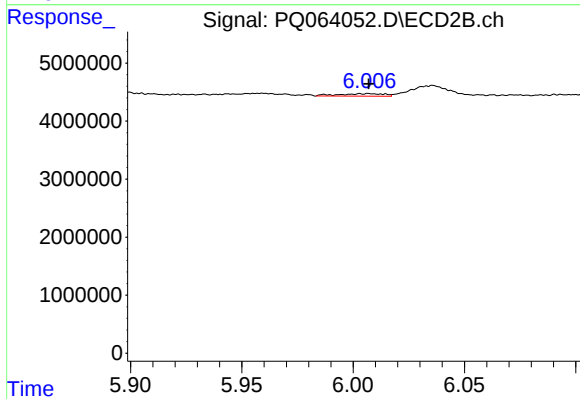
#33 AR-1260-3

R.T.: 5.535 min
Delta R.T.: -0.007 min
Response: 3247969
Conc: 14.38 ng/ml



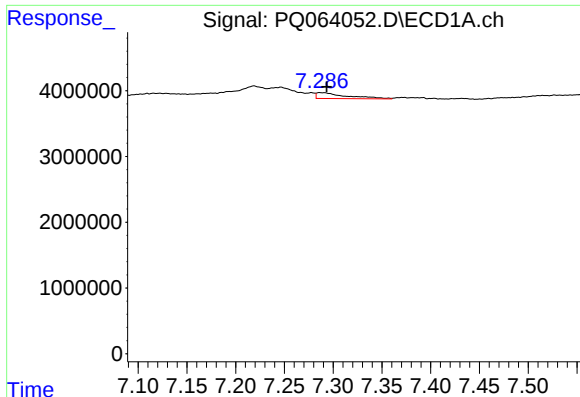
#34 AR-1260-4

R.T.: 6.958 min
Delta R.T.: -0.024 min
Response: 2054154
Conc: 11.13 ng/ml



#34 AR-1260-4

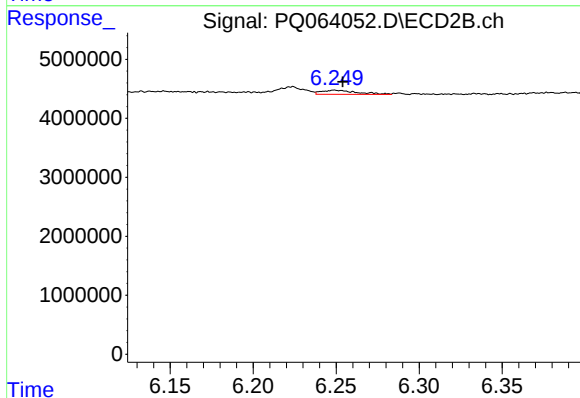
R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 616203
Conc: 3.58 ng/ml



#35 AR-1260-5

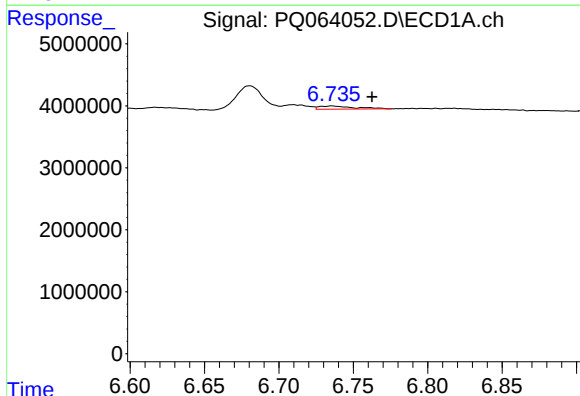
R.T.: 7.287 min
Delta R.T.: -0.007 min
Response: 1897699
Conc: 5.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



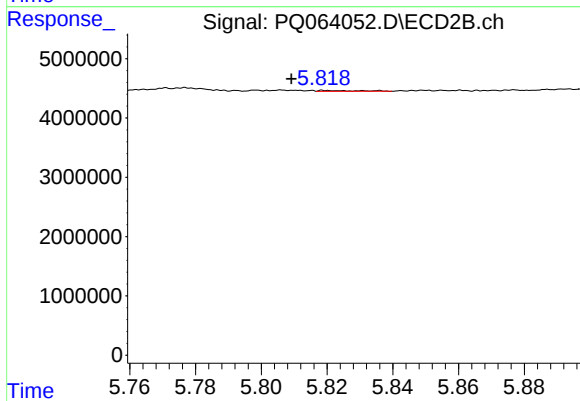
#35 AR-1260-5

R.T.: 6.249 min
Delta R.T.: -0.005 min
Response: 1016379
Conc: 2.55 ng/ml



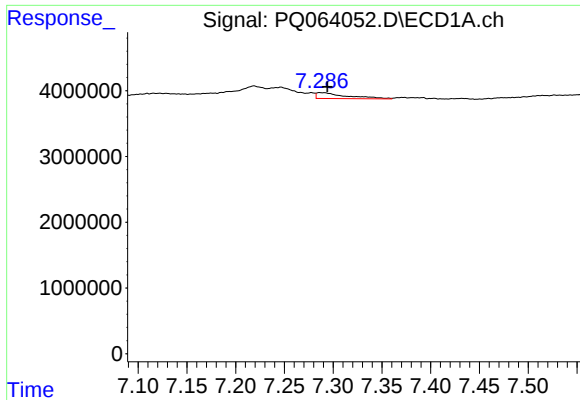
#36 AR-1262-1

R.T.: 6.736 min
Delta R.T.: -0.027 min
Response: 841487
Conc: 3.22 ng/ml



#36 AR-1262-1

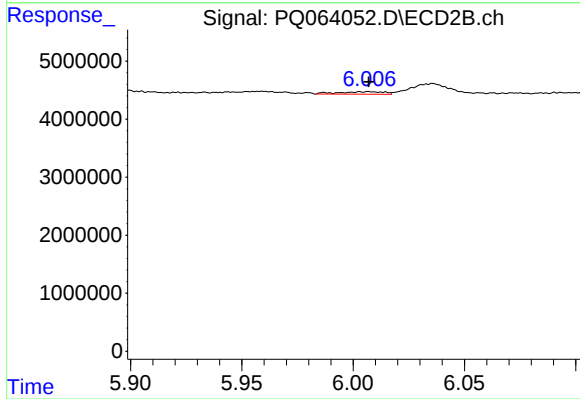
R.T.: 5.819 min
Delta R.T.: 0.010 min
Response: 137663
Conc: 1.26 ng/ml



#37 AR-1262-2

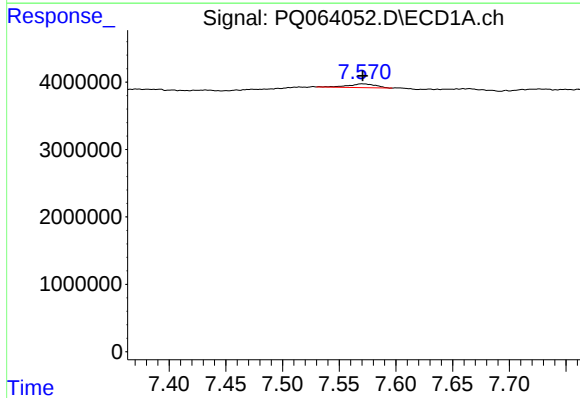
R.T.: 7.287 min
Delta R.T.: -0.007 min
Response: 1897699
Conc: 4.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



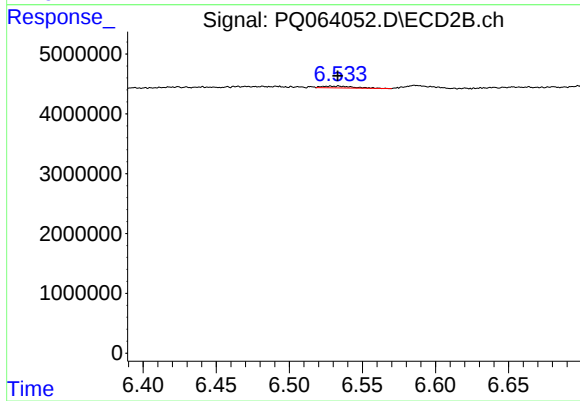
#37 AR-1262-2

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 616203
Conc: 2.49 ng/ml



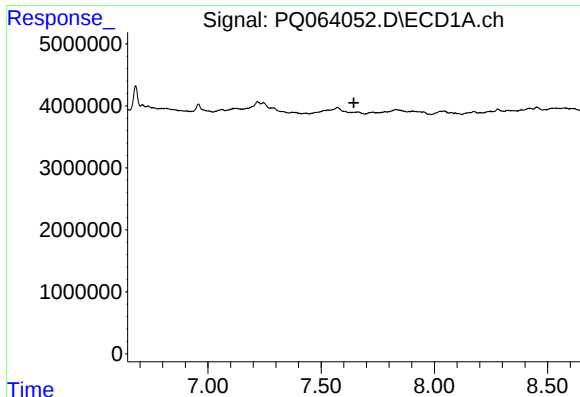
#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 946448
Conc: 3.30 ng/ml



#38 AR-1262-3

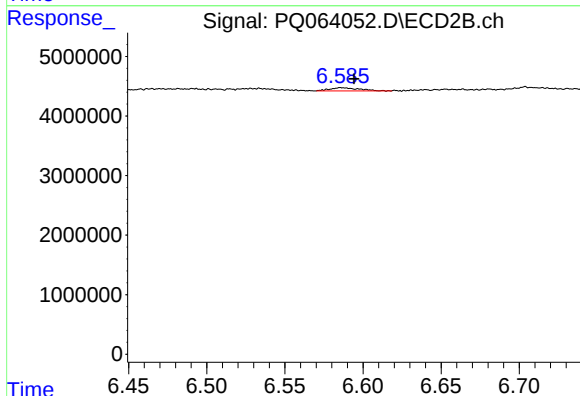
R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 432445
Conc: 2.13 ng/ml



#39 AR-1262-4

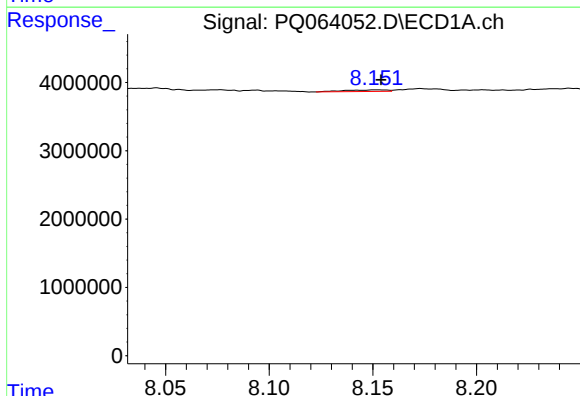
R.T.: 0.000 min
Exp R.T.: 7.645 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



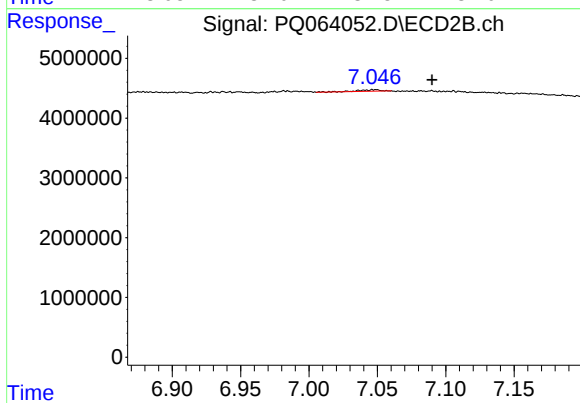
#39 AR-1262-4

R.T.: 6.586 min
Delta R.T.: -0.008 min
Response: 704468
Conc: 1.89 ng/ml



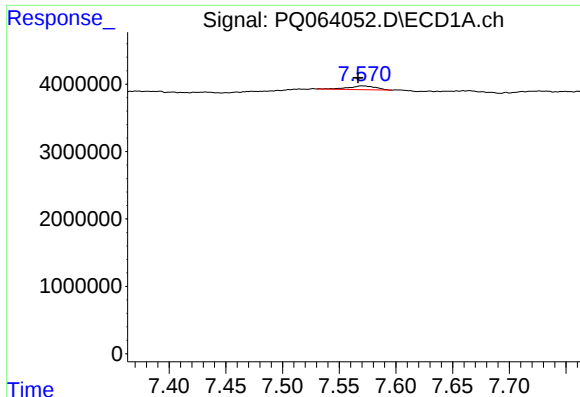
#40 AR-1262-5

R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 333478
Conc: 2.34 ng/ml



#40 AR-1262-5

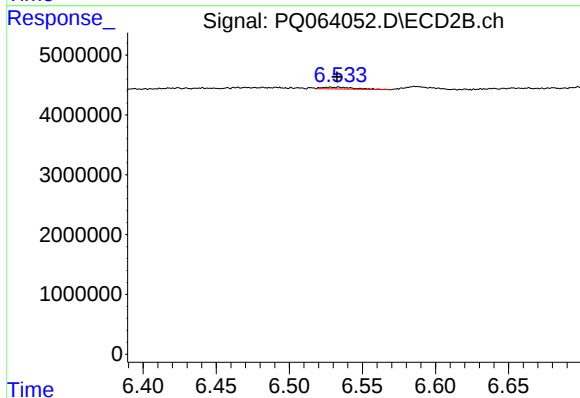
R.T.: 7.049 min
Delta R.T.: -0.041 min
Response: 287003
Conc: 1.59 ng/ml



#41 AR-1268-1

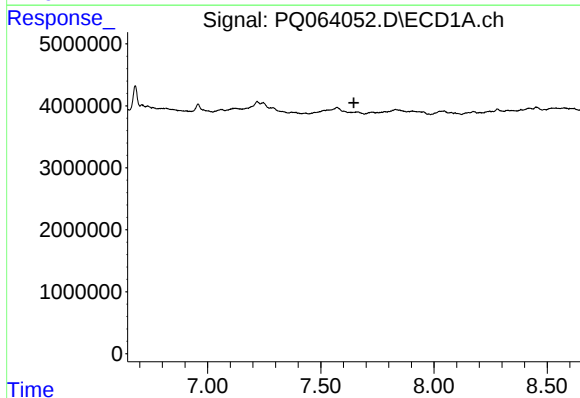
R.T.: 7.570 min
Delta R.T.: 0.004 min
Response: 946448
Conc: 1.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



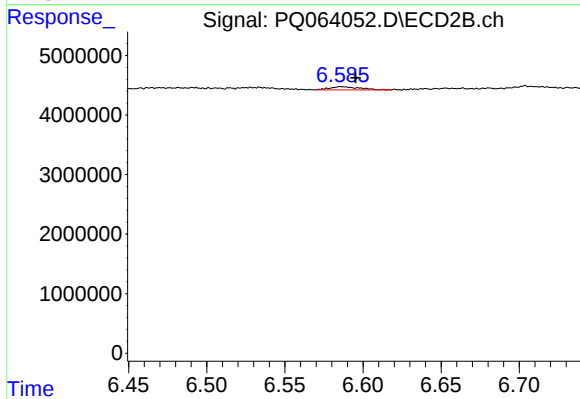
#41 AR-1268-1

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 432445
Conc: 0.75 ng/ml



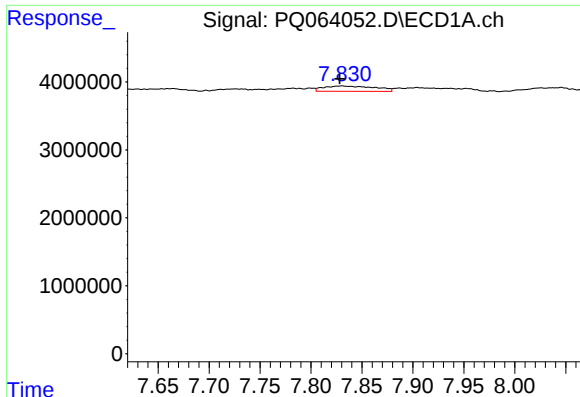
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.646 min
Response: 0
Conc: N.D.



#42 AR-1268-2

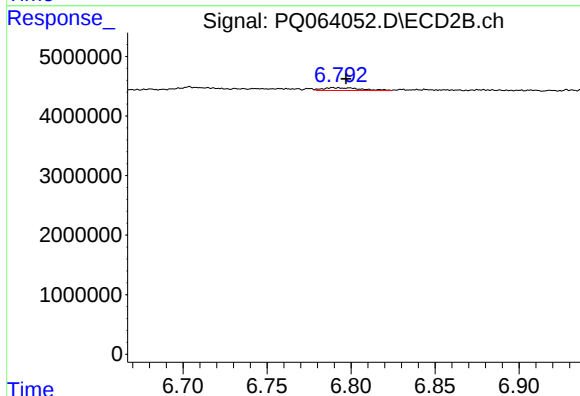
R.T.: 6.586 min
Delta R.T.: -0.009 min
Response: 704468
Conc: 1.36 ng/ml



#43 AR-1268-3

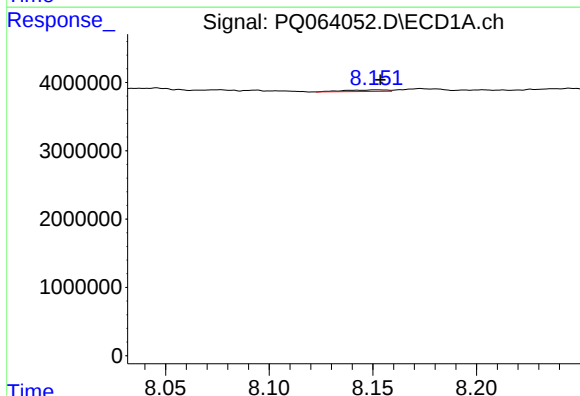
R.T.: 7.831 min
Delta R.T.: 0.002 min
Response: 2709571
Conc: 6.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



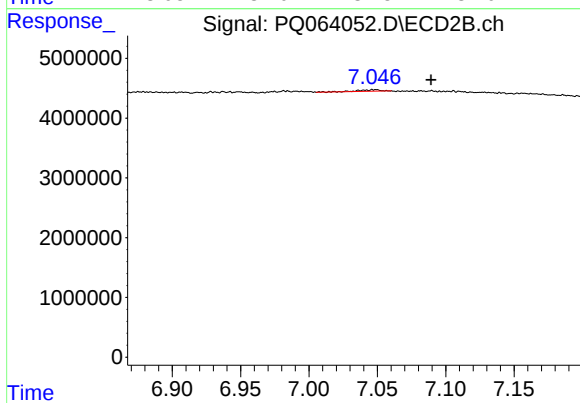
#43 AR-1268-3

R.T.: 6.789 min
Delta R.T.: -0.008 min
Response: 733856
Conc: 1.58 ng/ml



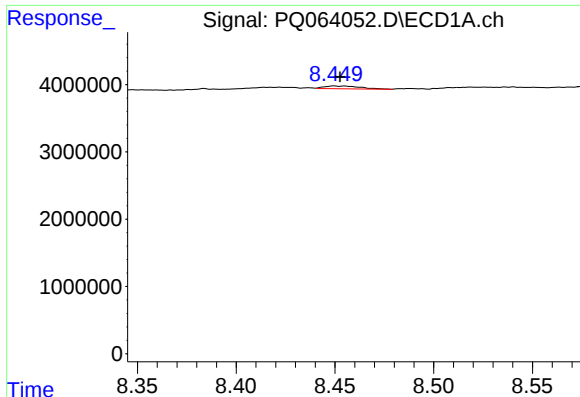
#44 AR-1268-4

R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 333478
Conc: 2.13 ng/ml



#44 AR-1268-4

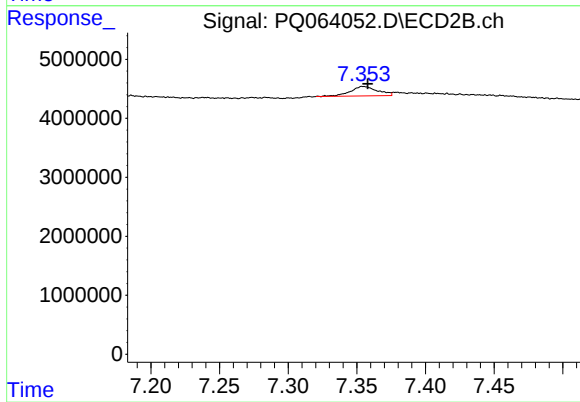
R.T.: 7.049 min
Delta R.T.: -0.041 min
Response: 287003
Conc: 1.47 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.003 min
Response: 509444
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 2216013
Conc: 1.45 ng/ml