

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112123\
 Data File : PQ064258.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2023 11:45
 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 22 00:29:18 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...	3.460	2.775	209.7E6	212.3E6	49.189	57.713
2)	SA Decachlor...	8.694	7.572	187.3E6	227.4E6	58.025	48.527
Target Compounds							
3)	L1 AR-1016-1	4.576	3.784	53542175	54162651	388.522	429.937
4)	L1 AR-1016-2	4.595	3.800	80939196	77973466	383.213	430.364
5)	L1 AR-1016-3	4.652	3.961	51916446	41973733	389.826	430.721
6)	L1 AR-1016-4	4.745	4.010	41760235	36241917	397.193	429.575
7)	L1 AR-1016-5	5.035	4.205	44163908	44338432	416.861	443.335
8)	L2 AR-1221-1	3.660	2.978	6828285	7542770	126.189	146.371
9)	L2 AR-1221-2	3.742	3.055	8685933	9790387	237.776	280.790
10)	L2 AR-1221-3	3.813	3.124	32892995	36438994	276.979	330.353
11)	L3 AR-1232-1	3.813	3.124	32892995	36438994	351.674	420.827
12)	L3 AR-1232-2	4.313	3.800	46089709	77973466	877.615	980.286
13)	L3 AR-1232-3	4.595	3.961	80939196	41973733	899.898	1013.876
14)	L3 AR-1232-4	4.745	4.047	41760235	39636502	955.061	1091.415
15)	L3 AR-1232-5	4.843	4.205	34438363	44338432	1029.847	1055.240
16)	L4 AR-1242-1	4.576	3.784	53542175	54162651	475.153	526.532
17)	L4 AR-1242-2	4.595	3.800	80939196	77973466	478.647	528.377
18)	L4 AR-1242-3	4.652	3.961	51916446	41973733	491.886	527.604
19)	L4 AR-1242-4	4.745	4.047	41760235	39636502	492.179	522.318
20)	L4 AR-1242-5	5.467	4.545	42306868	50565801	478.466	502.672
21)	L5 AR-1248-1	4.576	3.784	53542175	54162651	643.105	694.624
22)	L5 AR-1248-2	4.843	4.010	34438363	36241917	283.744	305.730
23)	L5 AR-1248-3	5.035	4.047	44163908	39636502	305.014	351.814
24)	L5 AR-1248-4	5.432	4.205	41583841	44338432	268.327	322.091
25)	L5 AR-1248-5	5.467	4.583	42306868	41631011	276.684	310.059
26)	L6 AR-1254-1	5.403	4.545	33996355	50565801	216.607	260.161
27)	L6 AR-1254-2	5.620	4.692	39269071	13404996	165.584	76.950 #
28)	L6 AR-1254-3	5.980	5.075	18384920	18581247	74.150	69.418
29)	L6 AR-1254-4	6.266	5.303	13629114	13197248	75.207	75.228
30)	L6 AR-1254-5	6.682	5.710	5983615	5319440	29.999	20.865 #
31)	L7 AR-1260-1	6.146	5.207	2637523	8528454	12.883	43.118 #
32)	L7 AR-1260-2	6.406	5.395	3041286	2704605	12.590	11.329
33)	L7 AR-1260-3	6.733f	5.532	590757	3123414	3.670	13.828 #
34)	L7 AR-1260-4	6.958	6.007	2647753	423064	14.352	2.459 #
35)	L7 AR-1260-5	7.294	6.250	747368	579801	2.103	1.453 #
36)	L8 AR-1262-1	6.733f	5.813	590757	152191	2.261	1.390 #
37)	L8 AR-1262-2	7.294	6.007	747368	423064	1.757	1.713
38)	L8 AR-1262-3	7.573	6.535	410160	336277	1.431	1.660
39)	L8 AR-1262-4	7.639	6.593	139365	466972	0.607	1.253 #
40)	L8 AR-1262-5	8.155	7.090	214399	61073	1.505	0.338 #
41)	L9 AR-1268-1	7.573	6.535	410160	336277	0.829	0.586 #

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 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

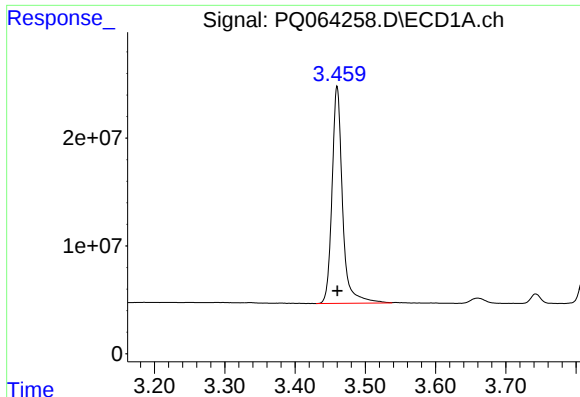
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 00:29:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
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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	7.639	6.593	139365	466972	0.311	0.900 #
43) L9	AR-1268-3	7.829	6.791	815696	1996835	2.091	4.307 #
44) L9	AR-1268-4	8.155	7.090	214399	61073	1.371	0.313 #
45) L9	AR-1268-5	8.450	7.351	1687458	1908021	1.497	1.247

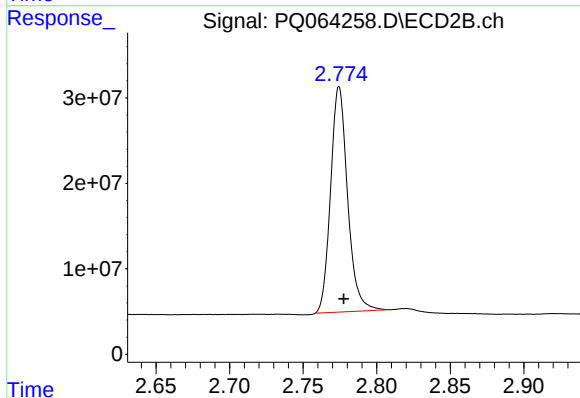
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

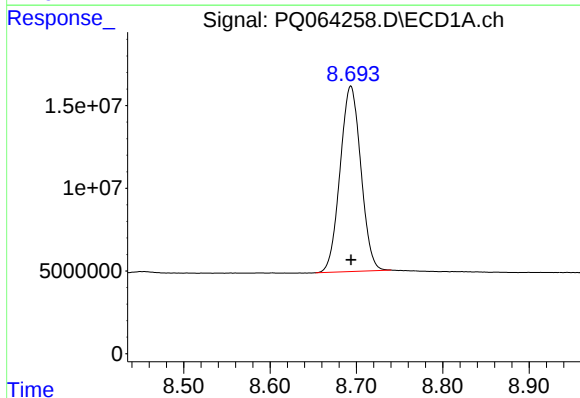
R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 209666056
Conc: 49.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



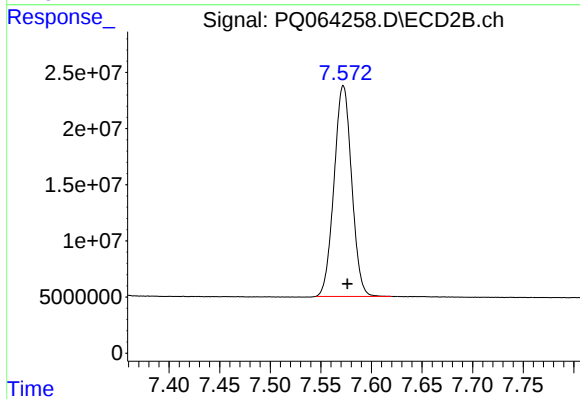
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 212251487
Conc: 57.71 ng/ml



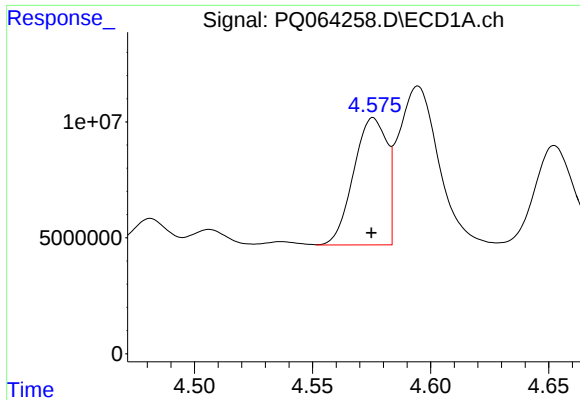
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 187340339
Conc: 58.02 ng/ml



#2 Decachlorobiphenyl

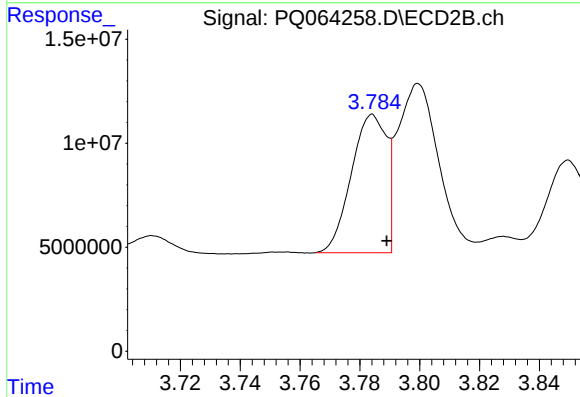
R.T.: 7.572 min
Delta R.T.: -0.004 min
Response: 227367306
Conc: 48.53 ng/ml



#3 AR-1016-1

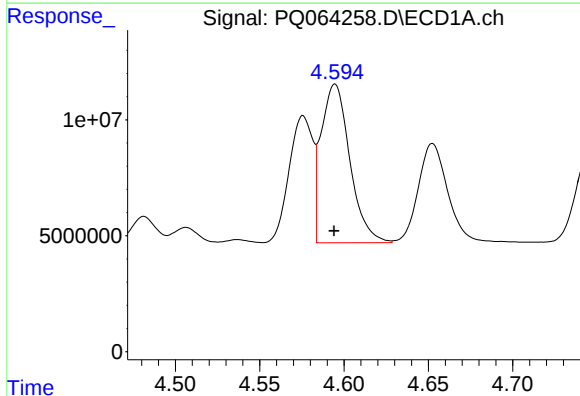
R.T.: 4.576 min
Delta R.T.: 0.000 min
Response: 53542175
Conc: 388.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



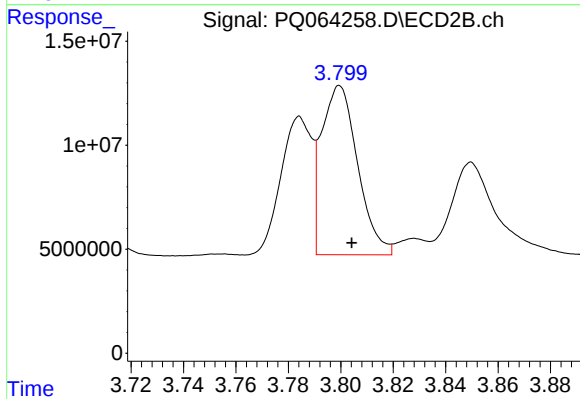
#3 AR-1016-1

R.T.: 3.784 min
Delta R.T.: -0.005 min
Response: 54162651
Conc: 429.94 ng/ml



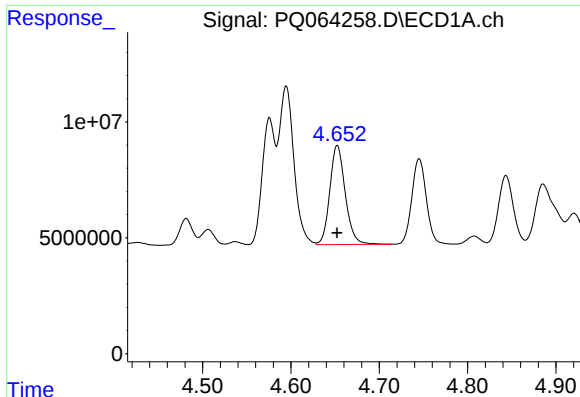
#4 AR-1016-2

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 80939196
Conc: 383.21 ng/ml



#4 AR-1016-2

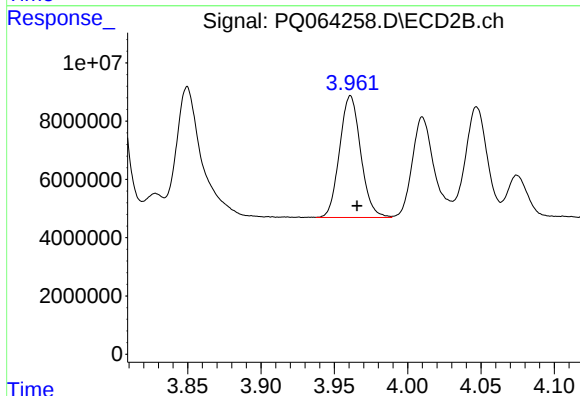
R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 77973466
Conc: 430.36 ng/ml



#5 AR-1016-3

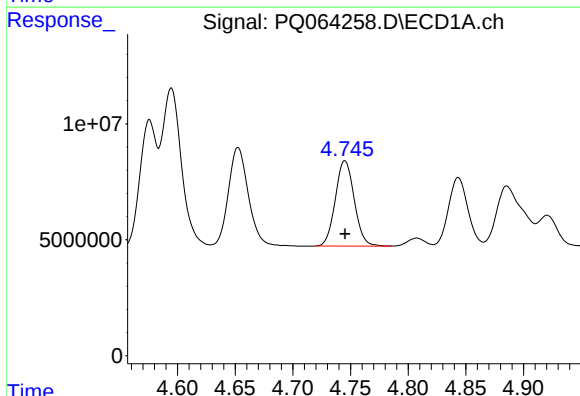
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 51916446
Conc: 389.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



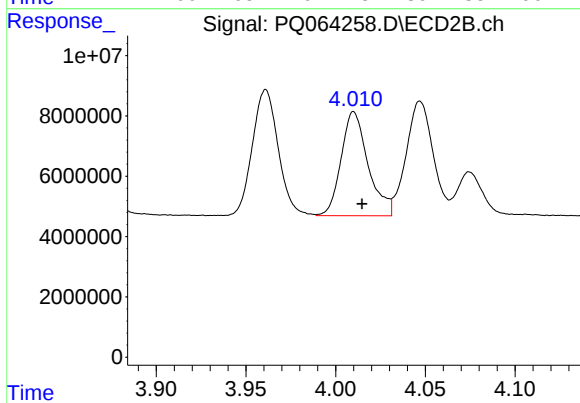
#5 AR-1016-3

R.T.: 3.961 min
Delta R.T.: -0.004 min
Response: 41973733
Conc: 430.72 ng/ml



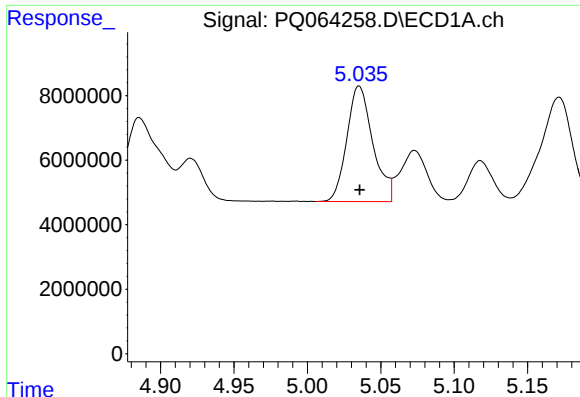
#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 41760235
Conc: 397.19 ng/ml



#6 AR-1016-4

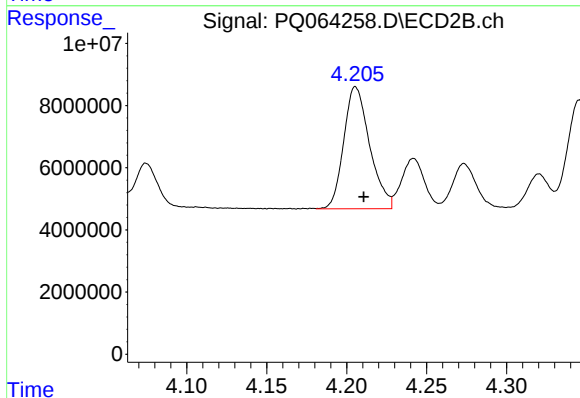
R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 36241917
Conc: 429.58 ng/ml



#7 AR-1016-5

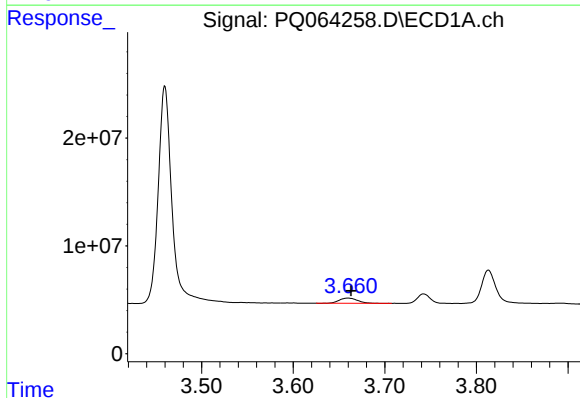
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 44163908
Conc: 416.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



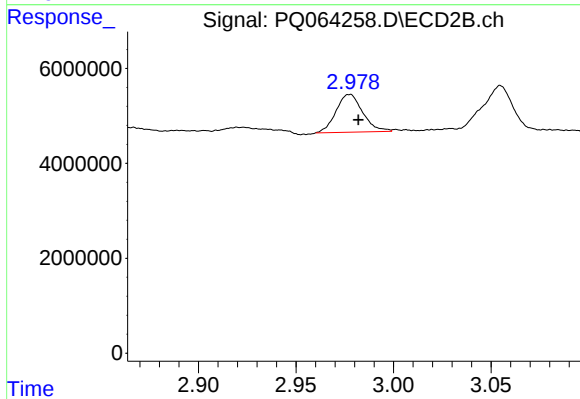
#7 AR-1016-5

R.T.: 4.205 min
Delta R.T.: -0.005 min
Response: 44338432
Conc: 443.34 ng/ml



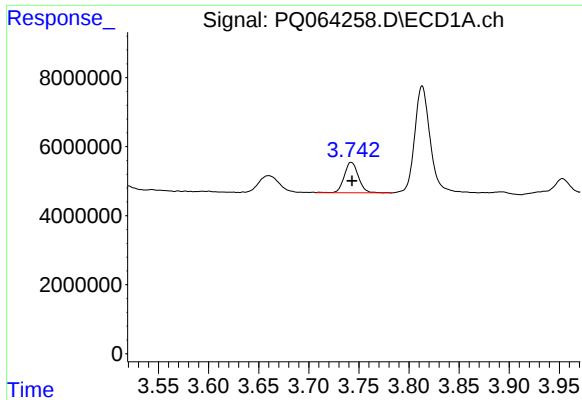
#8 AR-1221-1

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 6828285
Conc: 126.19 ng/ml



#8 AR-1221-1

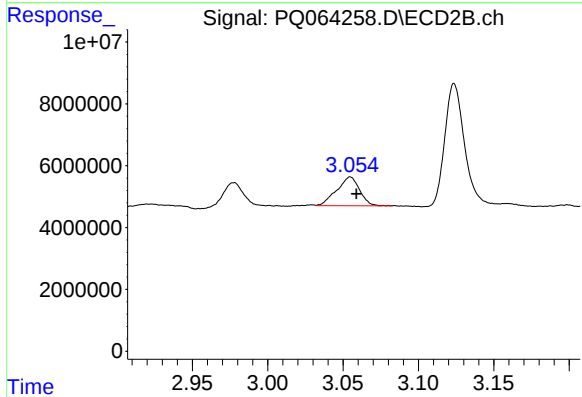
R.T.: 2.978 min
Delta R.T.: -0.004 min
Response: 7542770
Conc: 146.37 ng/ml



#9 AR-1221-2

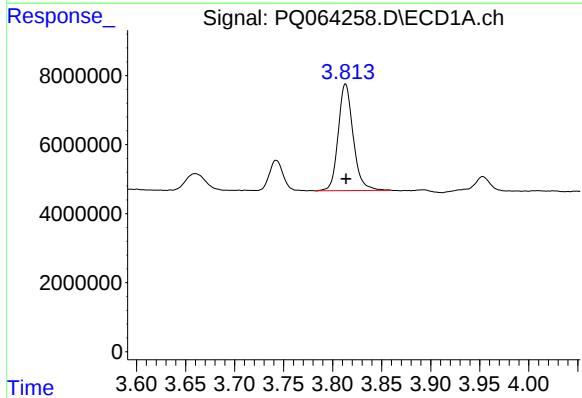
R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 8685933
Conc: 237.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



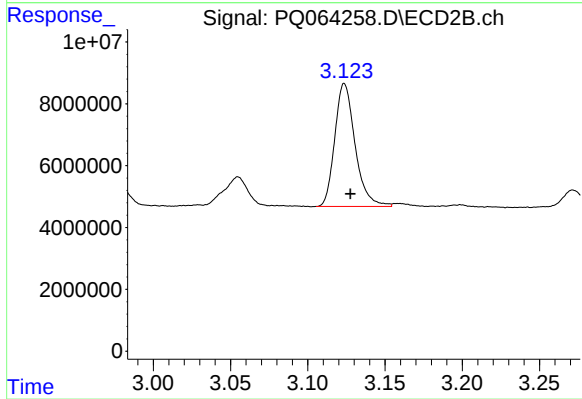
#9 AR-1221-2

R.T.: 3.055 min
Delta R.T.: -0.004 min
Response: 9790387
Conc: 280.79 ng/ml



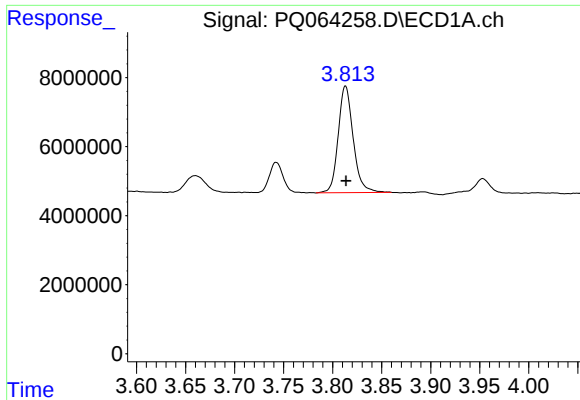
#10 AR-1221-3

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 32892995
Conc: 276.98 ng/ml



#10 AR-1221-3

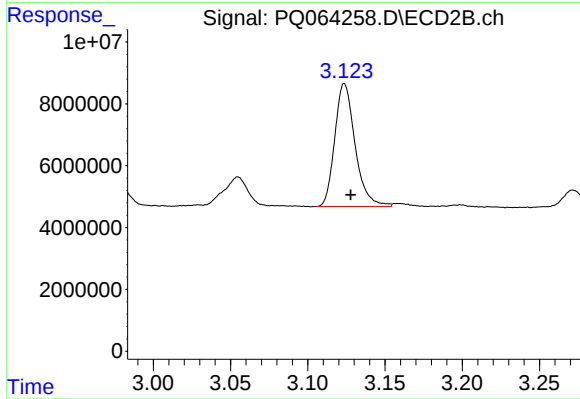
R.T.: 3.124 min
Delta R.T.: -0.004 min
Response: 36438994
Conc: 330.35 ng/ml



#11 AR-1232-1

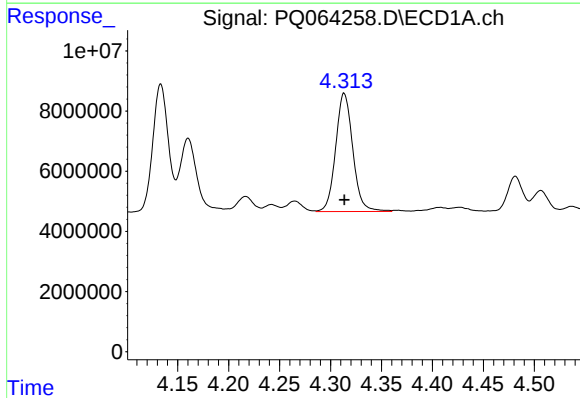
R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 32892995
Conc: 351.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



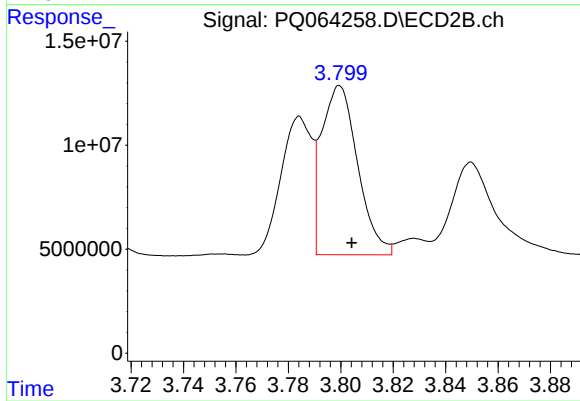
#11 AR-1232-1

R.T.: 3.124 min
Delta R.T.: -0.004 min
Response: 36438994
Conc: 420.83 ng/ml



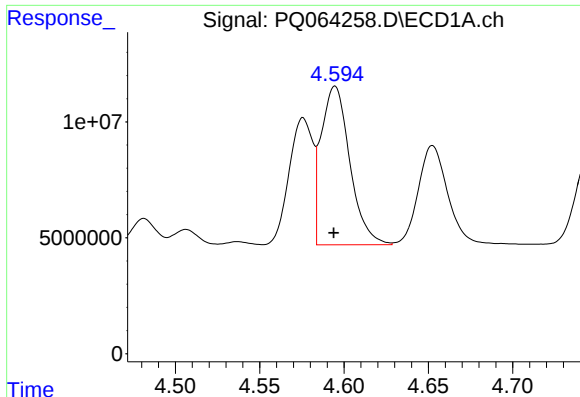
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 46089709
Conc: 877.61 ng/ml



#12 AR-1232-2

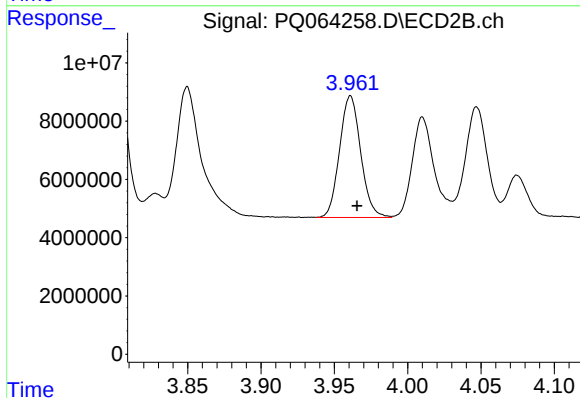
R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 77973466
Conc: 980.29 ng/ml



#13 AR-1232-3

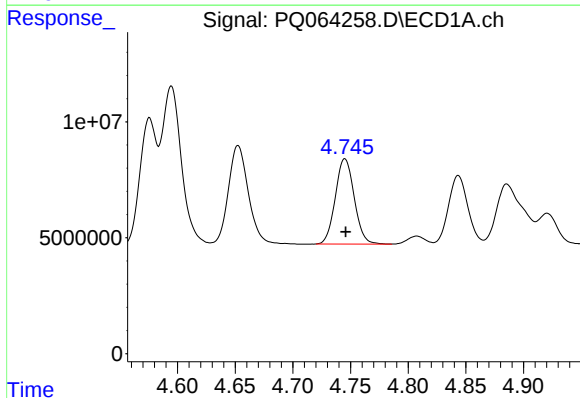
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 80939196
Conc: 899.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



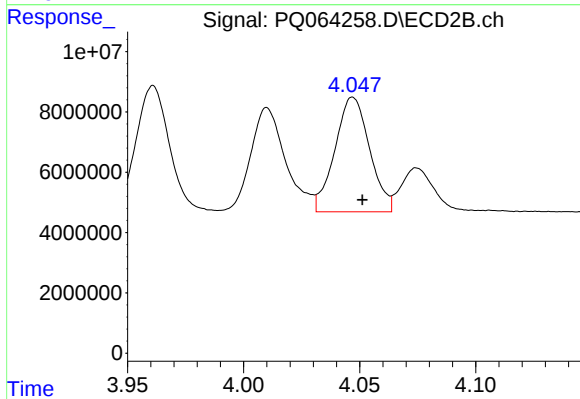
#13 AR-1232-3

R.T.: 3.961 min
Delta R.T.: -0.004 min
Response: 41973733
Conc: 1013.88 ng/ml



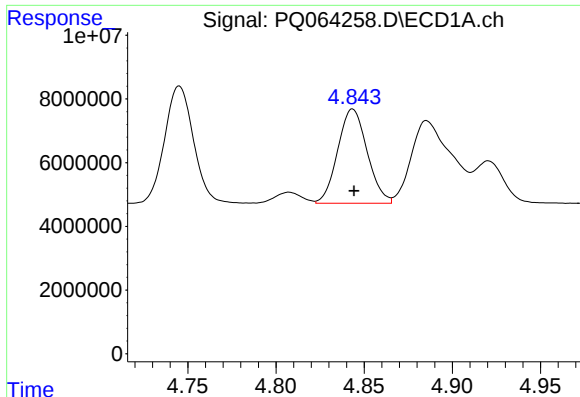
#14 AR-1232-4

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 41760235
Conc: 955.06 ng/ml



#14 AR-1232-4

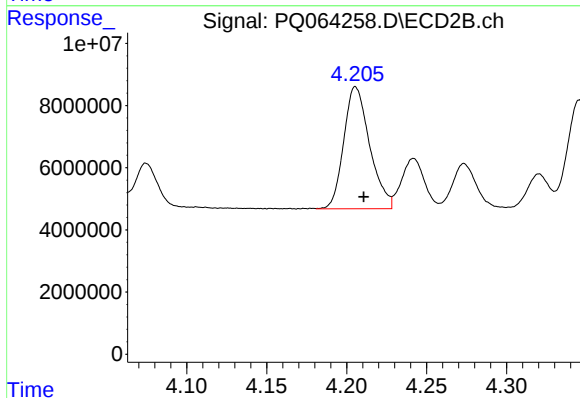
R.T.: 4.047 min
Delta R.T.: -0.004 min
Response: 39636502
Conc: 1091.42 ng/ml



#15 AR-1232-5

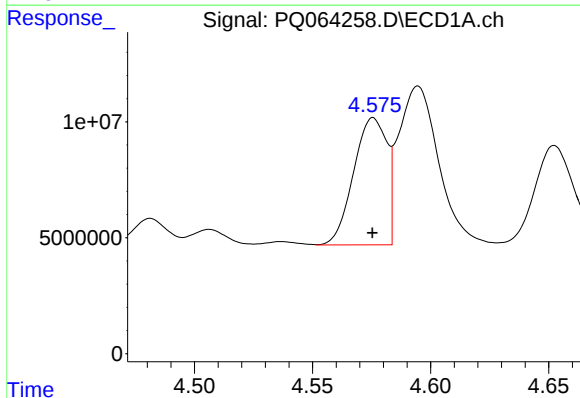
R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 34438363
Conc: 1029.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



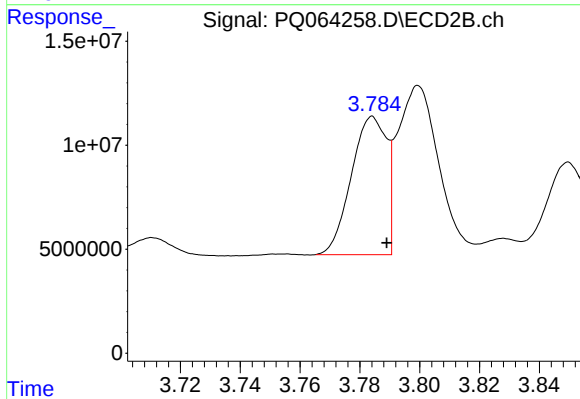
#15 AR-1232-5

R.T.: 4.205 min
Delta R.T.: -0.005 min
Response: 44338432
Conc: 1055.24 ng/ml



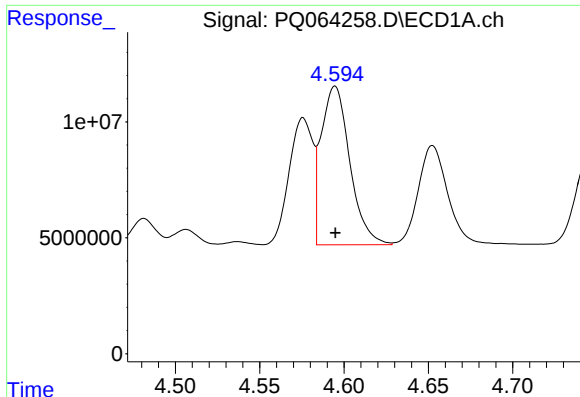
#16 AR-1242-1

R.T.: 4.576 min
Delta R.T.: 0.000 min
Response: 53542175
Conc: 475.15 ng/ml



#16 AR-1242-1

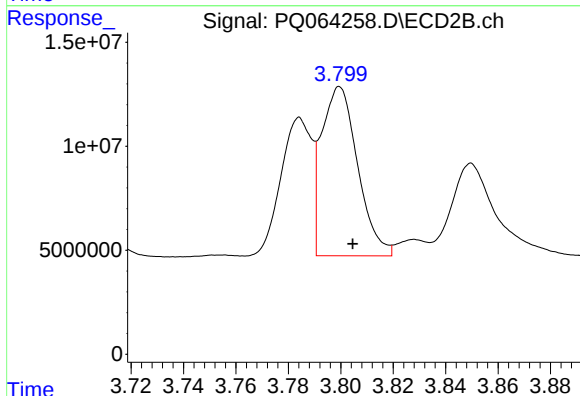
R.T.: 3.784 min
Delta R.T.: -0.005 min
Response: 54162651
Conc: 526.53 ng/ml



#17 AR-1242-2

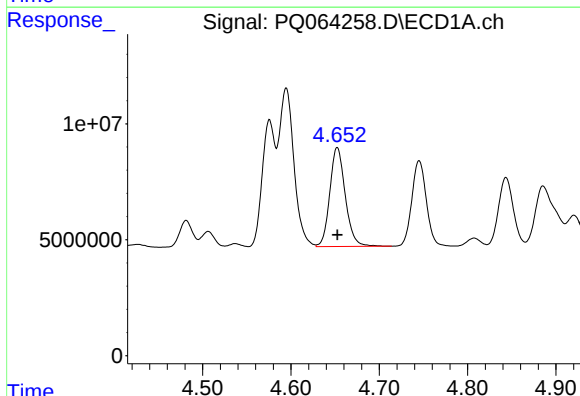
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 80939196
Conc: 478.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



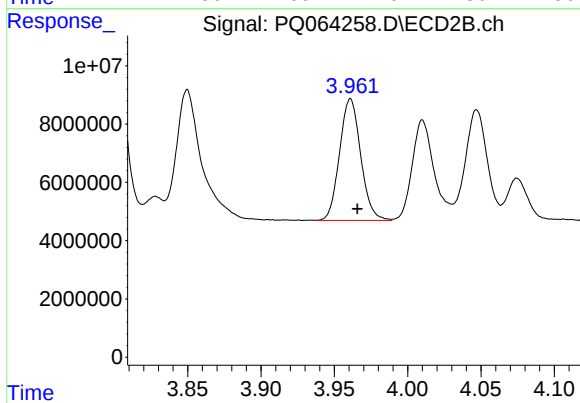
#17 AR-1242-2

R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 77973466
Conc: 528.38 ng/ml



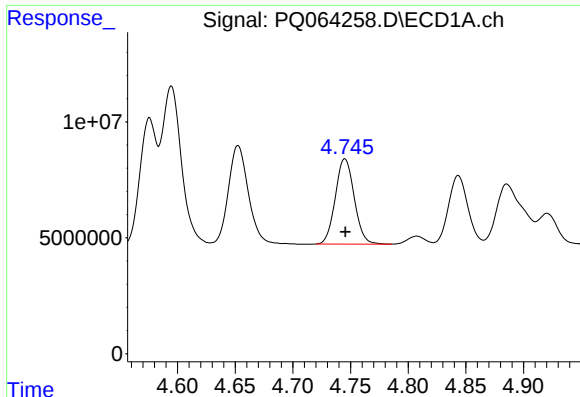
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 51916446
Conc: 491.89 ng/ml



#18 AR-1242-3

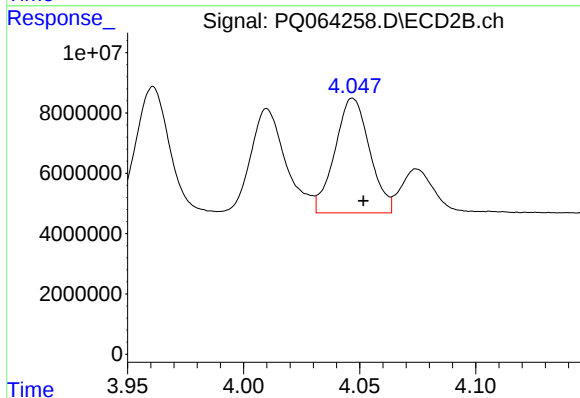
R.T.: 3.961 min
Delta R.T.: -0.005 min
Response: 41973733
Conc: 527.60 ng/ml



#19 AR-1242-4

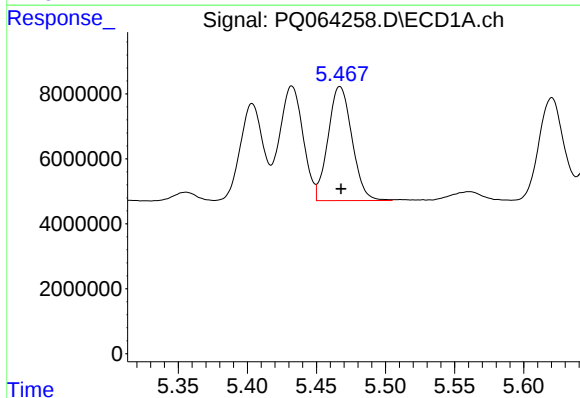
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 41760235
Conc: 492.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



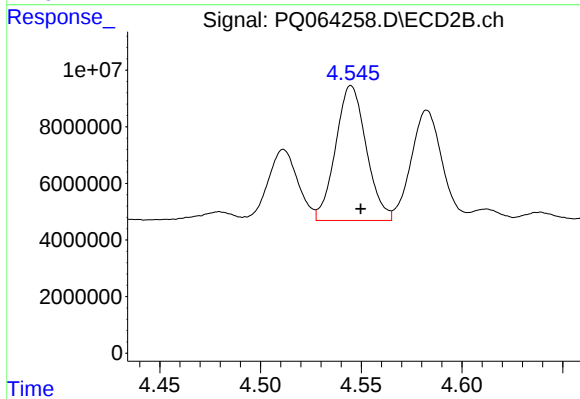
#19 AR-1242-4

R.T.: 4.047 min
Delta R.T.: -0.005 min
Response: 39636502
Conc: 522.32 ng/ml



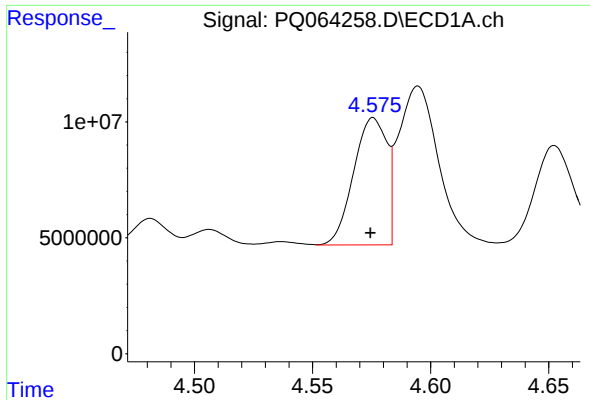
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 42306868
Conc: 478.47 ng/ml



#20 AR-1242-5

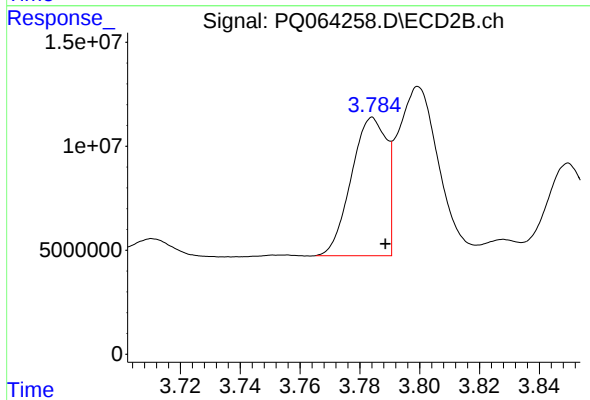
R.T.: 4.545 min
Delta R.T.: -0.005 min
Response: 50565801
Conc: 502.67 ng/ml



#21 AR-1248-1

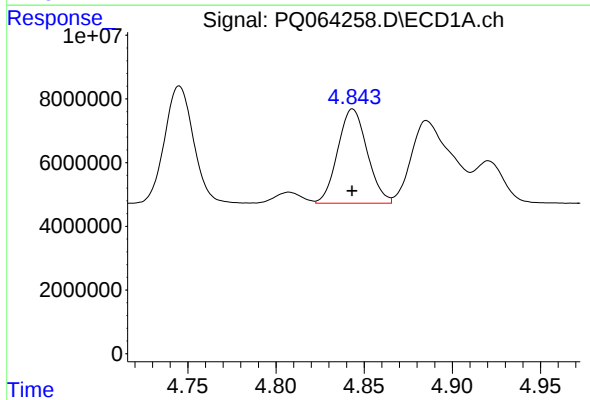
R.T.: 4.576 min
Delta R.T.: 0.001 min
Response: 53542175
Conc: 643.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



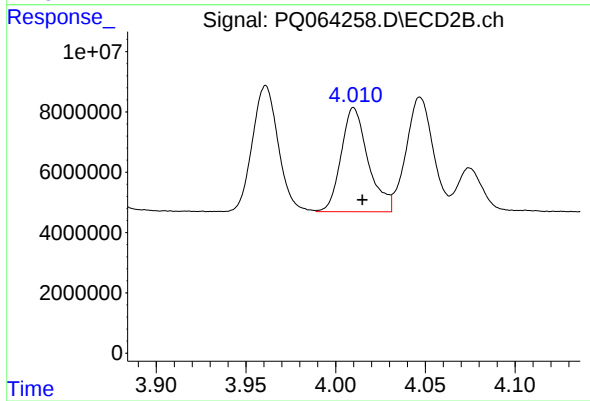
#21 AR-1248-1

R.T.: 3.784 min
Delta R.T.: -0.004 min
Response: 54162651
Conc: 694.62 ng/ml



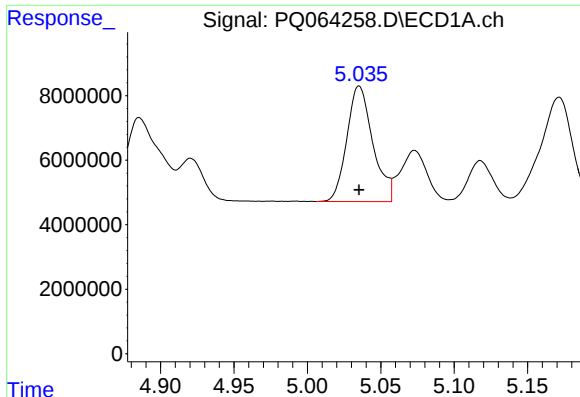
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 34438363
Conc: 283.74 ng/ml



#22 AR-1248-2

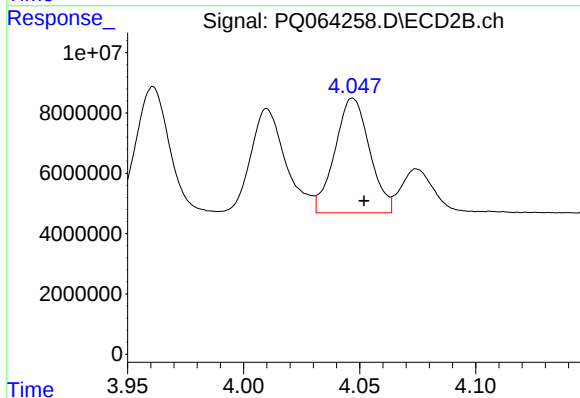
R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 36241917
Conc: 305.73 ng/ml



#23 AR-1248-3

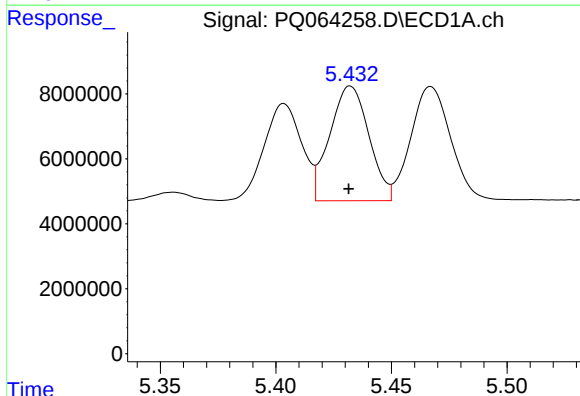
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 44163908
Conc: 305.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



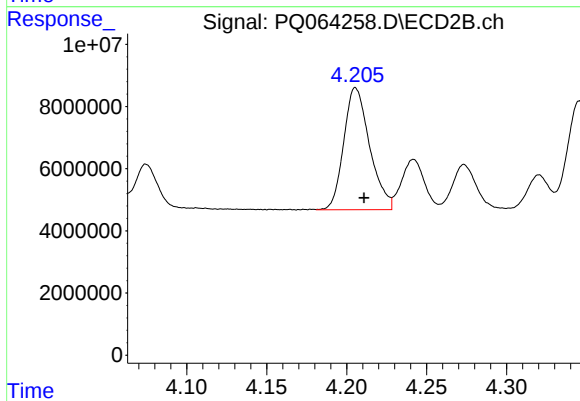
#23 AR-1248-3

R.T.: 4.047 min
Delta R.T.: -0.005 min
Response: 39636502
Conc: 351.81 ng/ml



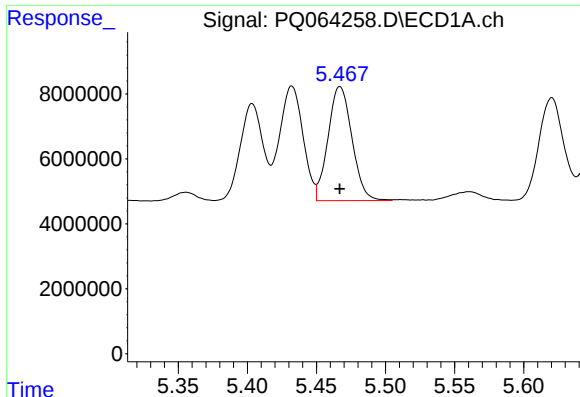
#24 AR-1248-4

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 41583841
Conc: 268.33 ng/ml



#24 AR-1248-4

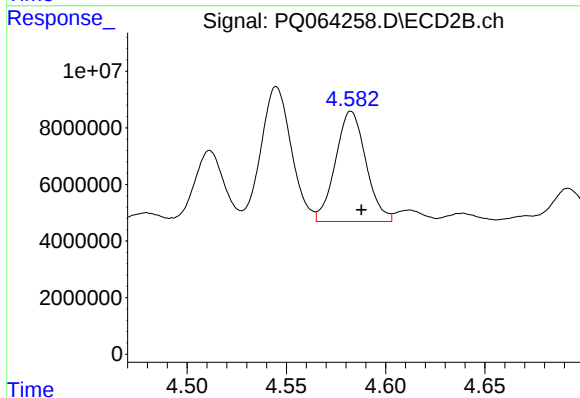
R.T.: 4.205 min
Delta R.T.: -0.005 min
Response: 44338432
Conc: 322.09 ng/ml



#25 AR-1248-5

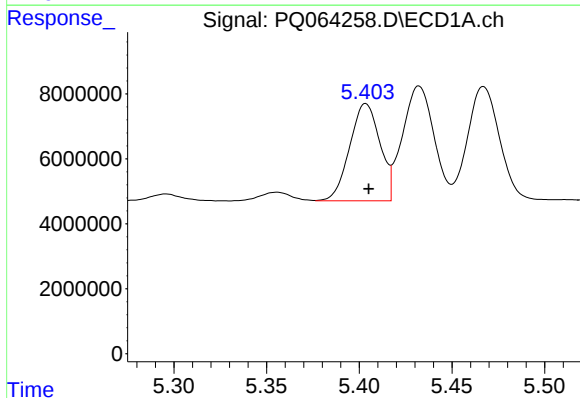
R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 42306868
Conc: 276.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



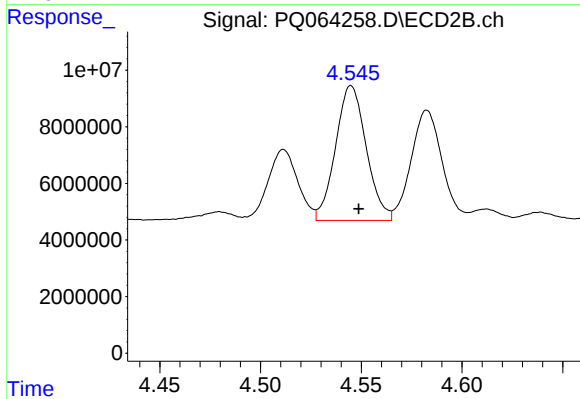
#25 AR-1248-5

R.T.: 4.583 min
Delta R.T.: -0.005 min
Response: 41631011
Conc: 310.06 ng/ml



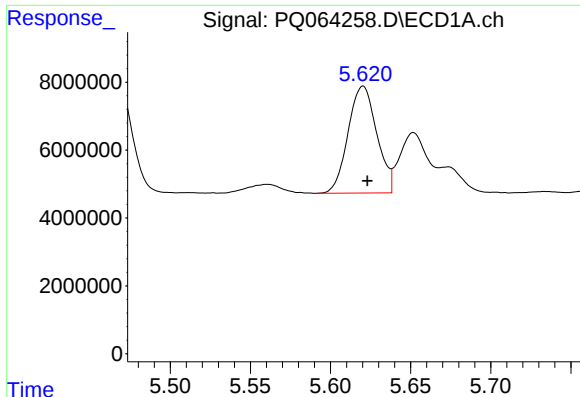
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 33996355
Conc: 216.61 ng/ml



#26 AR-1254-1

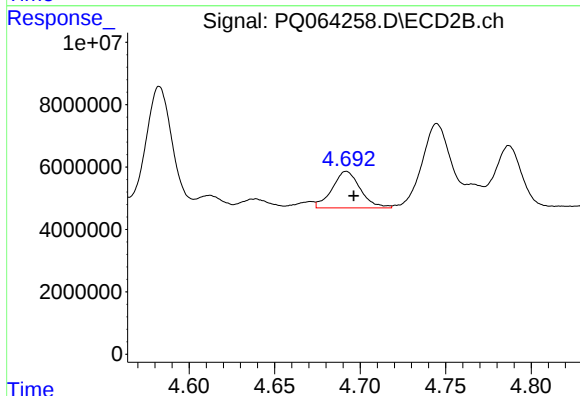
R.T.: 4.545 min
Delta R.T.: -0.004 min
Response: 50565801
Conc: 260.16 ng/ml



#27 AR-1254-2

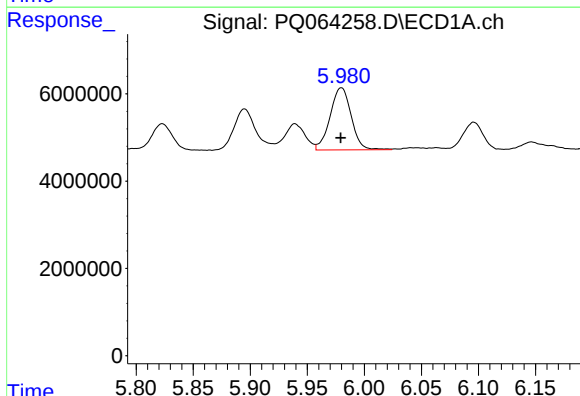
R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 39269071
Conc: 165.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



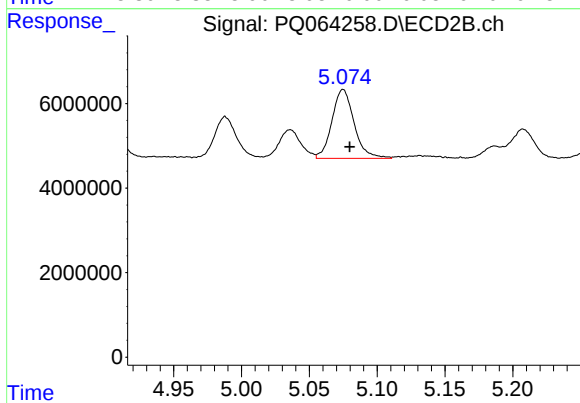
#27 AR-1254-2

R.T.: 4.692 min
Delta R.T.: -0.004 min
Response: 13404996
Conc: 76.95 ng/ml



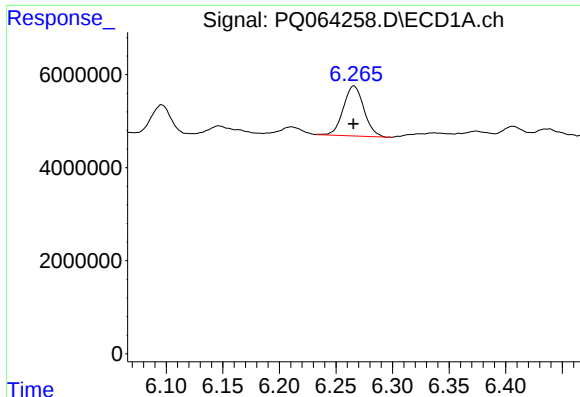
#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 18384920
Conc: 74.15 ng/ml



#28 AR-1254-3

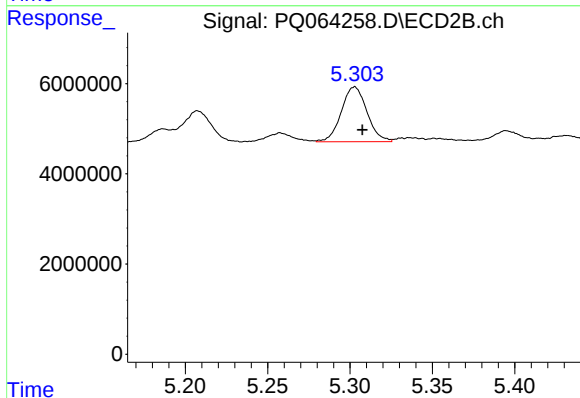
R.T.: 5.075 min
Delta R.T.: -0.005 min
Response: 18581247
Conc: 69.42 ng/ml



#29 AR-1254-4

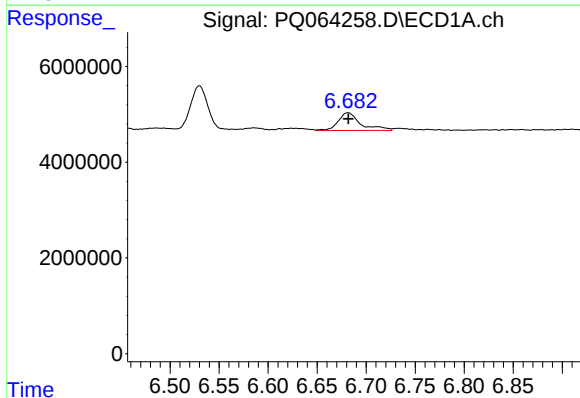
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 13629114
Conc: 75.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



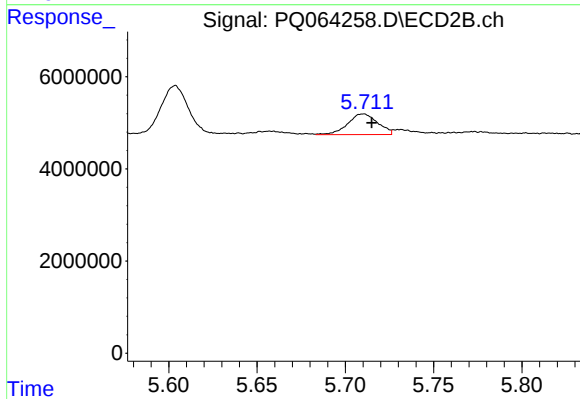
#29 AR-1254-4

R.T.: 5.303 min
Delta R.T.: -0.005 min
Response: 13197248
Conc: 75.23 ng/ml



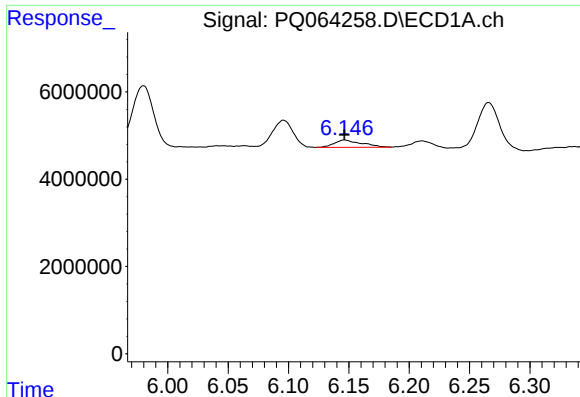
#30 AR-1254-5

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 5983615
Conc: 30.00 ng/ml



#30 AR-1254-5

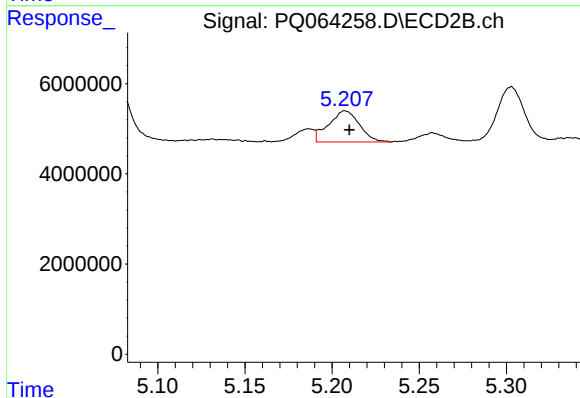
R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 5319440
Conc: 20.87 ng/ml



#31 AR-1260-1

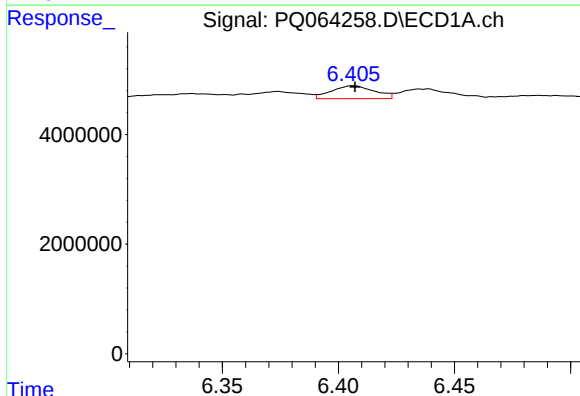
R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 2637523
Conc: 12.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



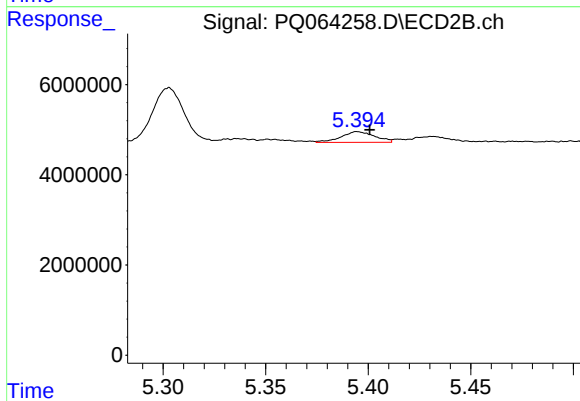
#31 AR-1260-1

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 8528454
Conc: 43.12 ng/ml



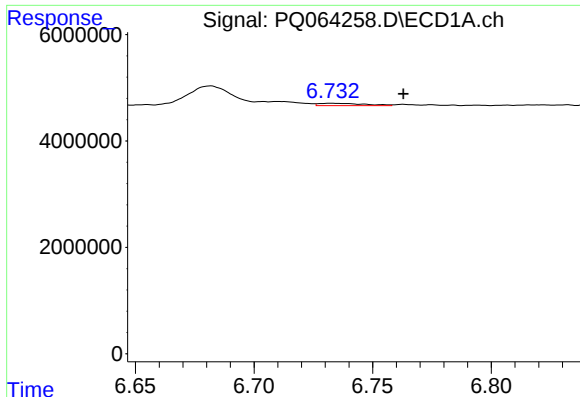
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 3041286
Conc: 12.59 ng/ml



#32 AR-1260-2

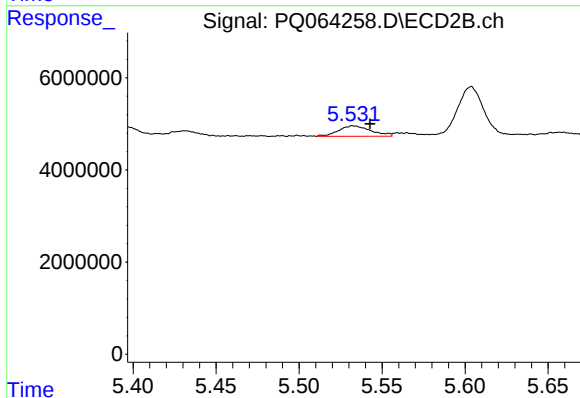
R.T.: 5.395 min
Delta R.T.: -0.006 min
Response: 2704605
Conc: 11.33 ng/ml



#33 AR-1260-3

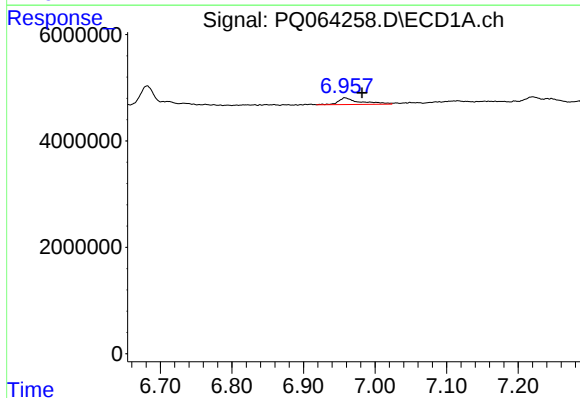
R.T.: 6.733 min
Delta R.T.: -0.030 min
Response: 590757
Conc: 3.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



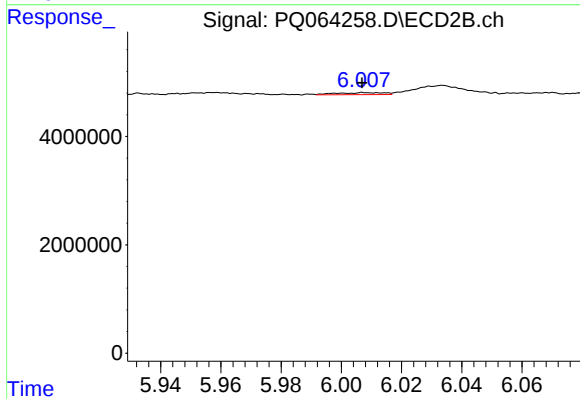
#33 AR-1260-3

R.T.: 5.532 min
Delta R.T.: -0.011 min
Response: 3123414
Conc: 13.83 ng/ml



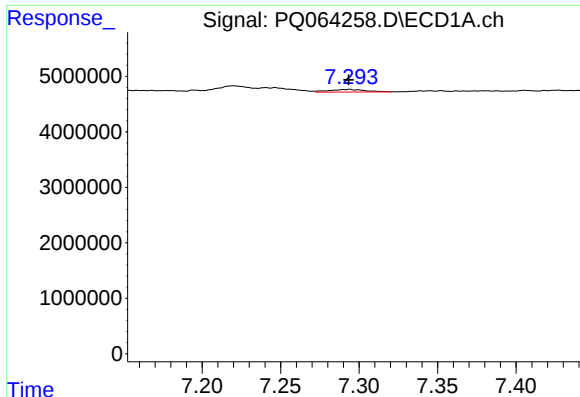
#34 AR-1260-4

R.T.: 6.958 min
Delta R.T.: -0.024 min
Response: 2647753
Conc: 14.35 ng/ml



#34 AR-1260-4

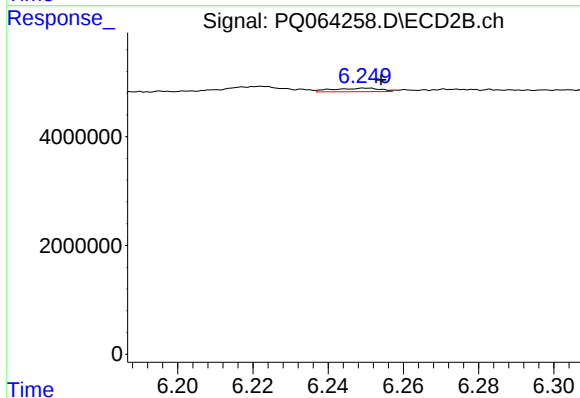
R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 423064
Conc: 2.46 ng/ml



#35 AR-1260-5

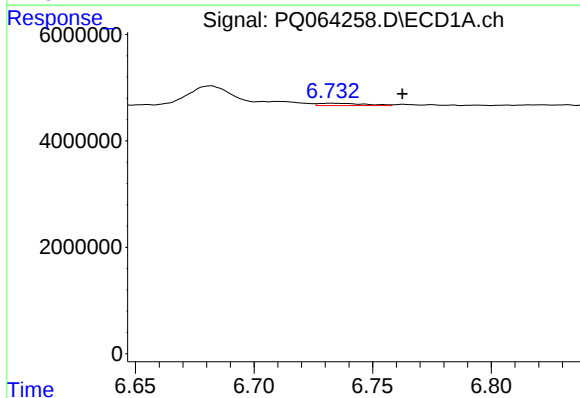
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 747368
Conc: 2.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



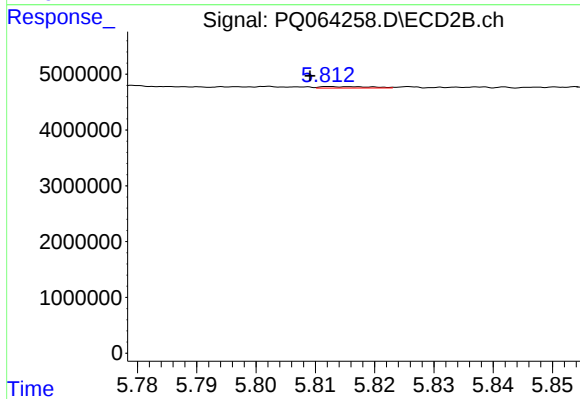
#35 AR-1260-5

R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 579801
Conc: 1.45 ng/ml



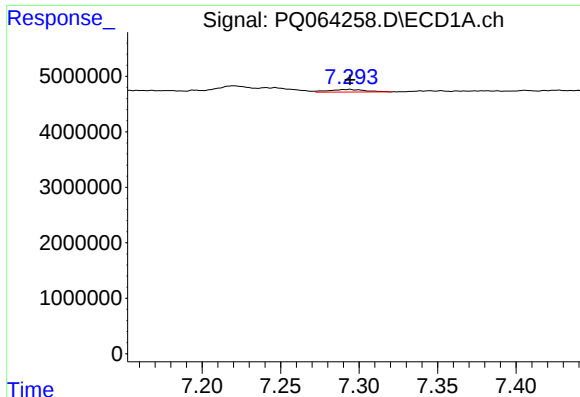
#36 AR-1262-1

R.T.: 6.733 min
Delta R.T.: -0.030 min
Response: 590757
Conc: 2.26 ng/ml



#36 AR-1262-1

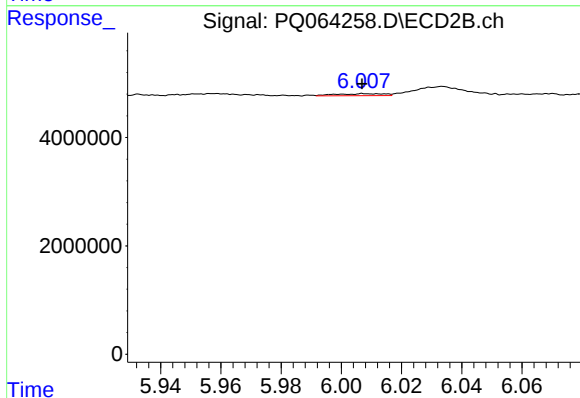
R.T.: 5.813 min
Delta R.T.: 0.004 min
Response: 152191
Conc: 1.39 ng/ml



#37 AR-1262-2

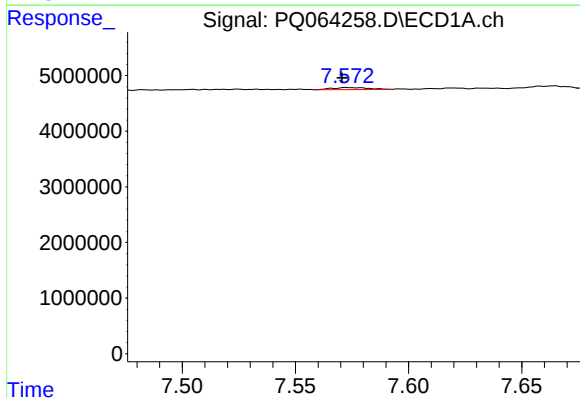
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 747368
Conc: 1.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



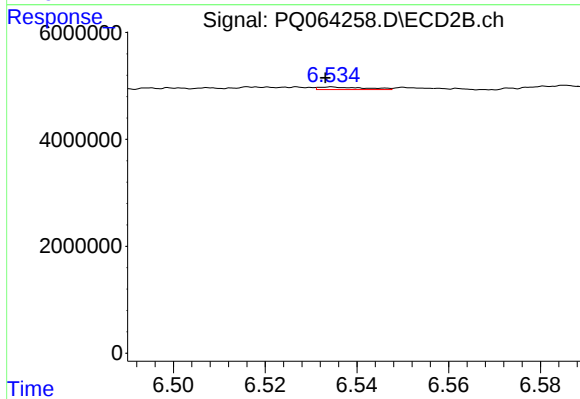
#37 AR-1262-2

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 423064
Conc: 1.71 ng/ml



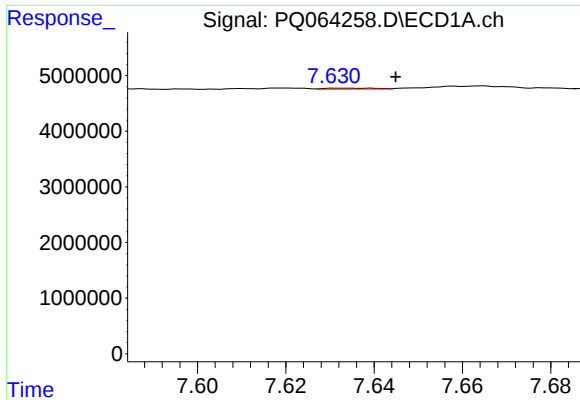
#38 AR-1262-3

R.T.: 7.573 min
Delta R.T.: 0.002 min
Response: 410160
Conc: 1.43 ng/ml



#38 AR-1262-3

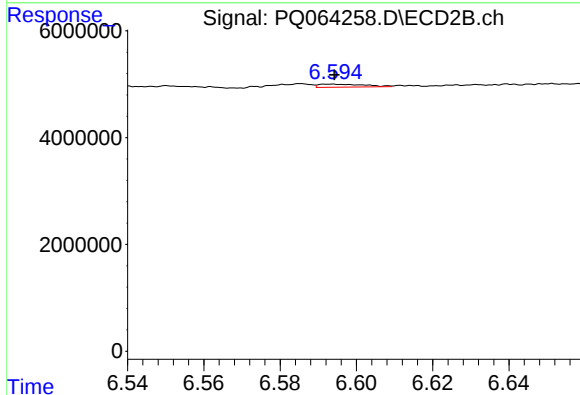
R.T.: 6.535 min
Delta R.T.: 0.002 min
Response: 336277
Conc: 1.66 ng/ml



#39 AR-1262-4

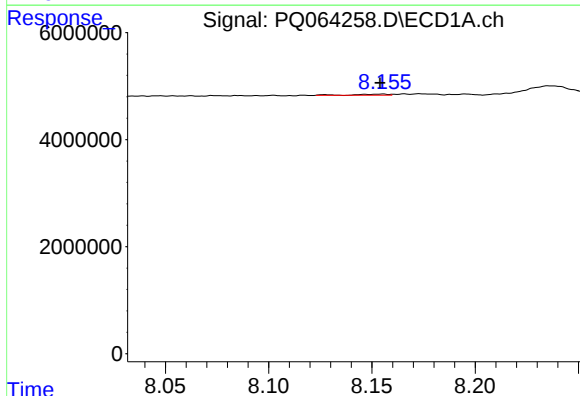
R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 139365
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



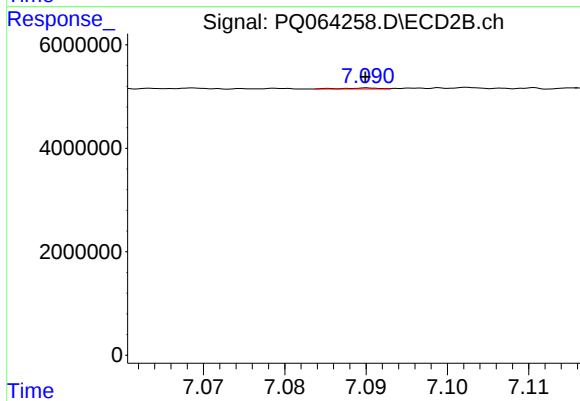
#39 AR-1262-4

R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 466972
Conc: 1.25 ng/ml



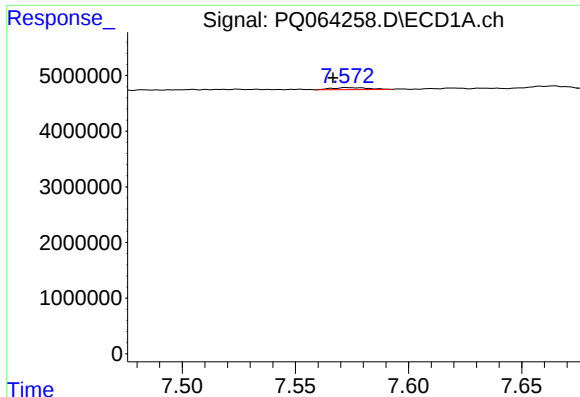
#40 AR-1262-5

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 214399
Conc: 1.51 ng/ml



#40 AR-1262-5

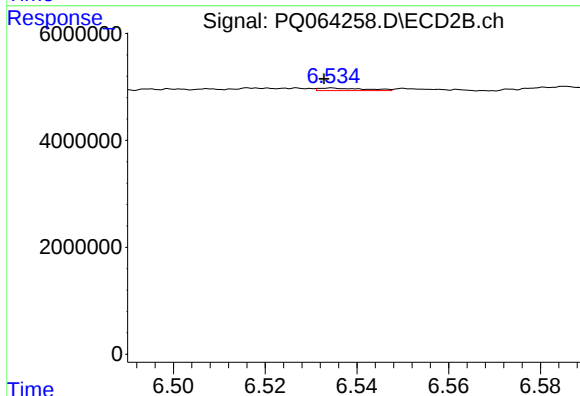
R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 61073
Conc: 0.34 ng/ml



#41 AR-1268-1

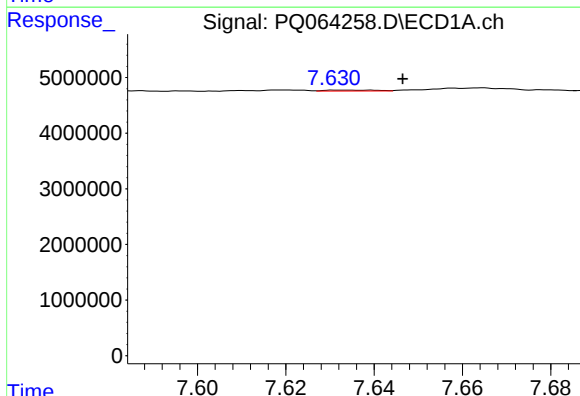
R.T.: 7.573 min
Delta R.T.: 0.006 min
Response: 410160
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



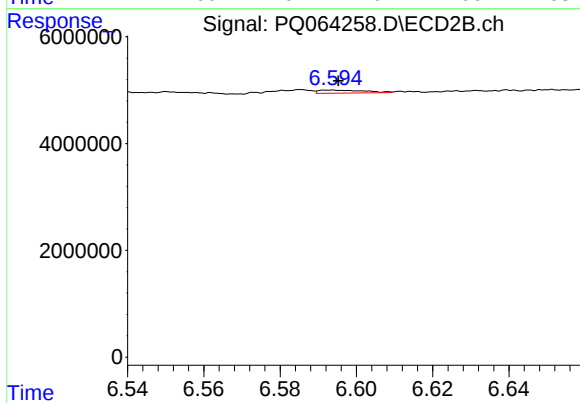
#41 AR-1268-1

R.T.: 6.535 min
Delta R.T.: 0.002 min
Response: 336277
Conc: 0.59 ng/ml



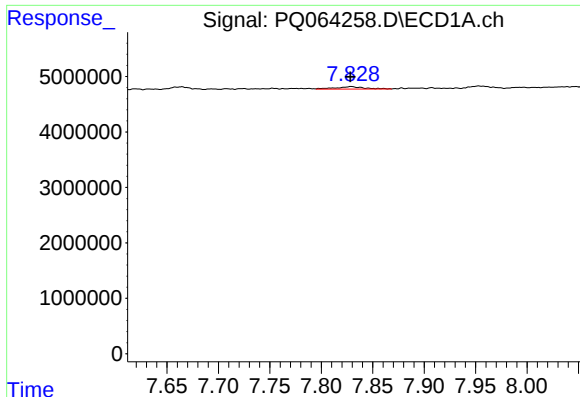
#42 AR-1268-2

R.T.: 7.639 min
Delta R.T.: -0.008 min
Response: 139365
Conc: 0.31 ng/ml



#42 AR-1268-2

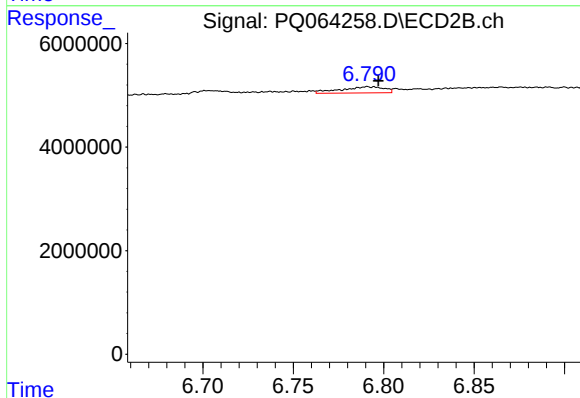
R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 466972
Conc: 0.90 ng/ml



#43 AR-1268-3

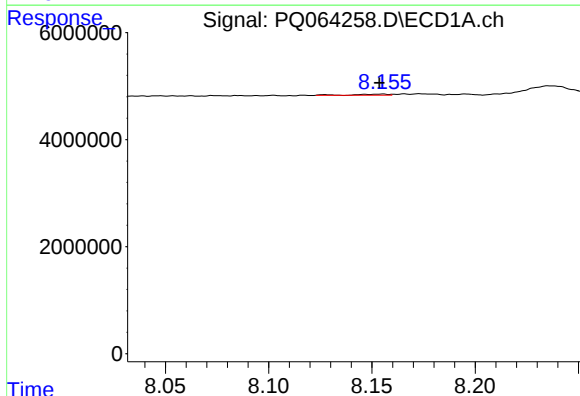
R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 815696
Conc: 2.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



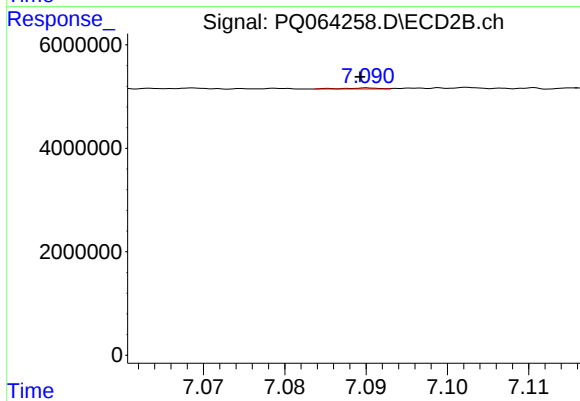
#43 AR-1268-3

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 1996835
Conc: 4.31 ng/ml



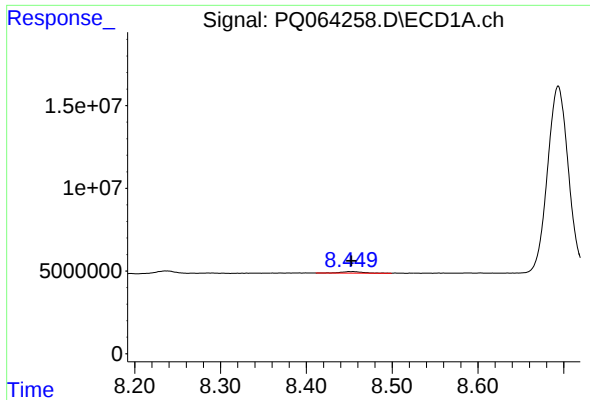
#44 AR-1268-4

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 214399
Conc: 1.37 ng/ml



#44 AR-1268-4

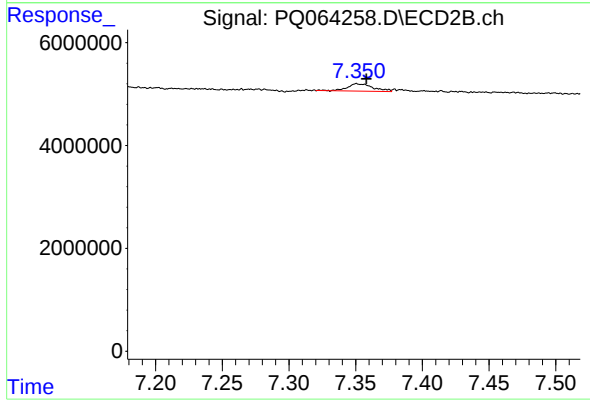
R.T.: 7.090 min
Delta R.T.: 0.001 min
Response: 61073
Conc: 0.31 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 1687458
Conc: 1.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.351 min
Delta R.T.: -0.007 min
Response: 1908021
Conc: 1.25 ng/ml