

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
 Data File : PQ062364.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2023 20:39
 Operator : YP\AJ
 Sample : 03649-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 02:57:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.402	2.755	119.9E6	68489572	24.576	27.296
2)	SA Decachlor...	8.581	7.524	107.0E6	98384427	29.444	29.526
Target Compounds							
3)	L1 AR-1016-1	4.496	3.734f	2168648	17611498	13.166	177.938 #
4)	L1 AR-1016-2	4.529	3.797	200948	6788800	0.813	47.079 #
5)	L1 AR-1016-3	4.587	3.937	979734	5650906	6.428	74.903 #
6)	L1 AR-1016-4	4.696	3.974	12102330	1018876	96.552	15.513 #
7)	L1 AR-1016-5	4.958	4.188	2493615	14329895	20.487	174.794 #
8)	L2 AR-1221-1	3.585	2.952	771050	433930	12.828	13.151
9)	L2 AR-1221-2	3.679	3.042	1848587	272226	41.141	10.718 #
10)	L2 AR-1221-3	3.740	3.105	842618	134760	5.997	1.748 #
11)	L3 AR-1232-1	3.740	3.105	842618	134760	7.979	2.352 #
12)	L3 AR-1232-2	4.232	3.797	12141051	6788800	205.255	102.003 #
13)	L3 AR-1232-3	4.529	3.937	200948	5650906	1.777	163.534 #
14)	L3 AR-1232-4	4.696	4.019	12102330	4191629	213.571	140.943 #
15)	L3 AR-1232-5	4.794	4.188	21026692	14329895	525.011	401.838
16)	L4 AR-1242-1	4.496	3.734f	2168648	17611498	16.592	227.718 #
17)	L4 AR-1242-2	4.529	3.797	200948	6788800	1.035	61.073 #
18)	L4 AR-1242-3	4.587	3.937	979734	5650906	8.107	96.471 #
19)	L4 AR-1242-4	4.696	4.019	12102330	4191629	124.145	71.495 #
20)	L4 AR-1242-5	5.384	4.511	5147950	23798345	53.776	287.098 #
21)	L5 AR-1248-1	4.496	3.734f	2168648	17611498	20.857	281.692 #
22)	L5 AR-1248-2	4.794	3.974	21026692	1018876	146.362	10.866 #
23)	L5 AR-1248-3	4.958	4.019	2493615	4191629	14.355	46.294 #
24)	L5 AR-1248-4	5.360	4.188	1127488	14329895	5.874	126.994 #
25)	L5 AR-1248-5	5.384	4.549	5147950	8173330	28.423	72.955 #
26)	L6 AR-1254-1	5.325	4.511	8806324	23798345	47.391	147.392 #
27)	L6 AR-1254-2	5.528	4.661	31049245	16739297	106.804	113.699
28)	L6 AR-1254-3	5.896	5.041	41144574	36618163	133.960	156.688
29)	L6 AR-1254-4	6.180	5.268	5597447	14430257	24.107	94.678 #
30)	L6 AR-1254-5	6.593	5.674	26334810	55804925	102.522	241.793 #
31)	L7 AR-1260-1	6.061	5.173	15283755	18430981	64.780	110.661 #
32)	L7 AR-1260-2	6.319	5.360	21659630	24663333	74.995	118.604 #
33)	L7 AR-1260-3	6.674	5.499	17376887	27487678	98.410	141.282 #
34)	L7 AR-1260-4	6.891	5.962	12609738	11177418	59.861	76.630 #
35)	L7 AR-1260-5	7.203	6.209	40337600	25514217	98.238	76.836
36)	L8 AR-1262-1	6.674	5.715	17376887	18637015	56.984	80.169 #
37)	L8 AR-1262-2	7.203	5.962	40337600	11177418	76.584	51.698 #
38)	L8 AR-1262-3	7.478	6.488	34512362	15566490	97.962	89.294
39)	L8 AR-1262-4	7.553	6.547	29697934	27886539	111.345	86.525
40)	L8 AR-1262-5	8.057	7.041	17614809	17063233	99.233	110.004
41)	L9 AR-1268-1	7.478	6.488	34512362	15566490	60.817	33.082 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071823\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2023 20:39
 Operator : YP\AJ
 Sample : 03649-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

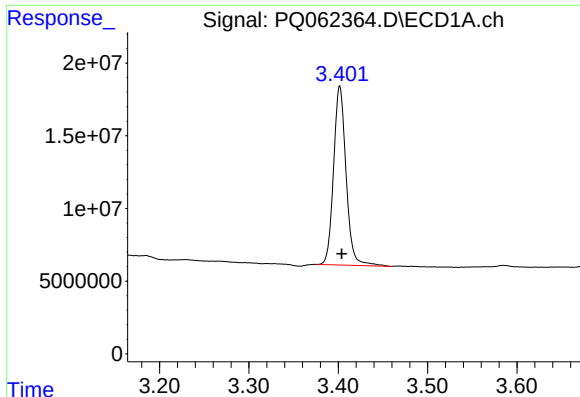
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 02:57:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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
42) L9	AR-1268-2	7.553	6.547	29697934	27886539	58.246	65.816
43) L9	AR-1268-3	7.735	6.748	20106693	6983640	47.113	18.961 #
44) L9	AR-1268-4	8.057	7.041	17614809	17063233	96.264	106.688
45) L9	AR-1268-5	8.348	7.308	28878175	30394762	22.905	26.046

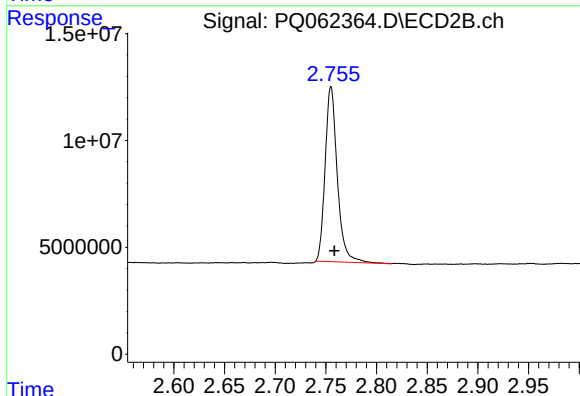
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

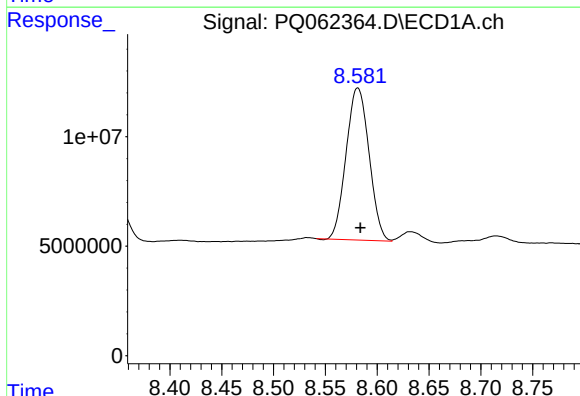
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 119887912
Conc: 24.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



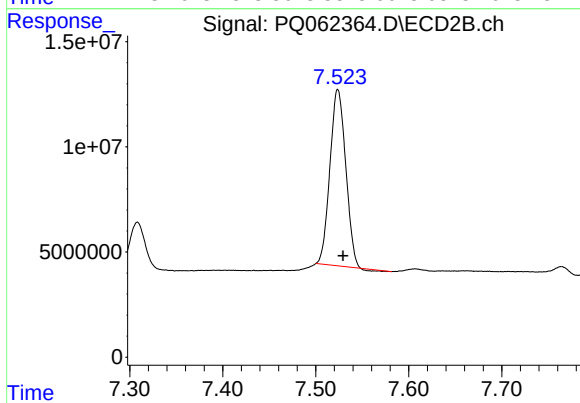
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 68489572
Conc: 27.30 ng/ml



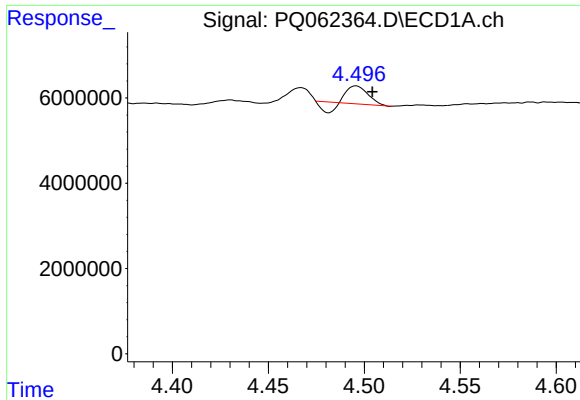
#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.003 min
Response: 106961208
Conc: 29.44 ng/ml



#2 Decachlorobiphenyl

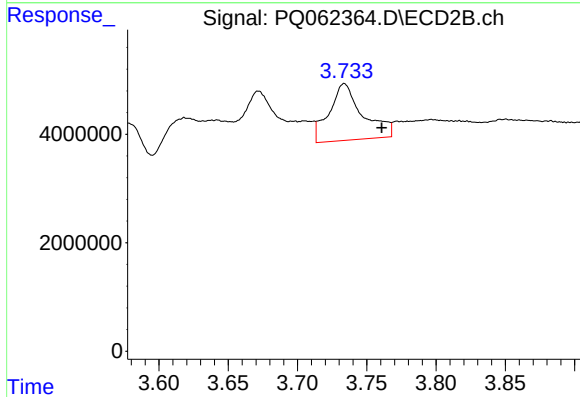
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 98384427
Conc: 29.53 ng/ml



#3 AR-1016-1

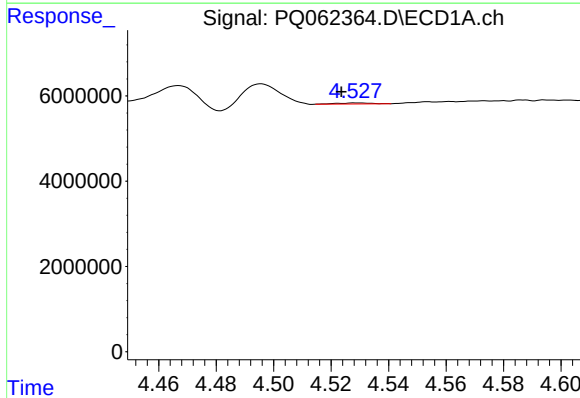
R.T.: 4.496 min
Delta R.T.: -0.009 min
Response: 2168648
Conc: 13.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



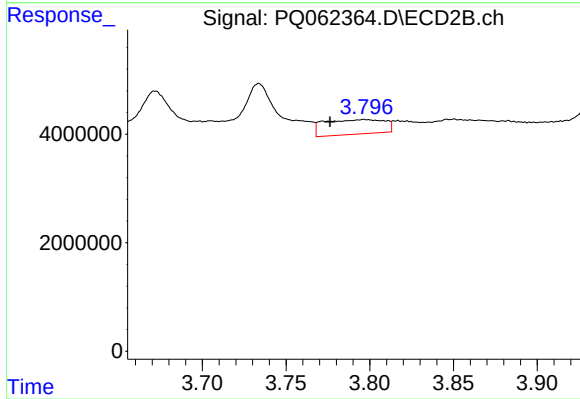
#3 AR-1016-1

R.T.: 3.734 min
Delta R.T.: -0.027 min
Response: 17611498
Conc: 177.94 ng/ml



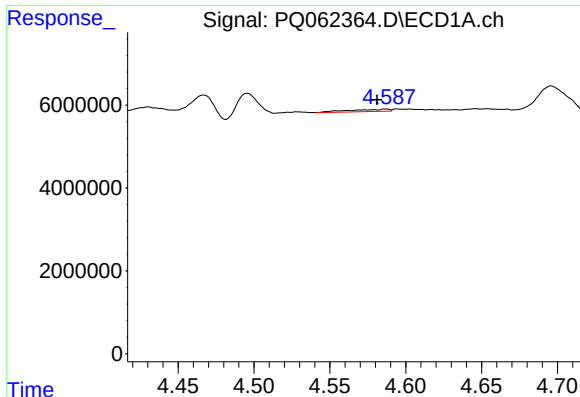
#4 AR-1016-2

R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 200948
Conc: 0.81 ng/ml



#4 AR-1016-2

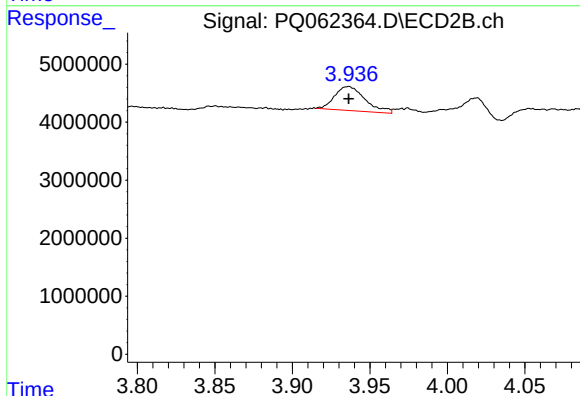
R.T.: 3.797 min
Delta R.T.: 0.020 min
Response: 6788800
Conc: 47.08 ng/ml



#5 AR-1016-3

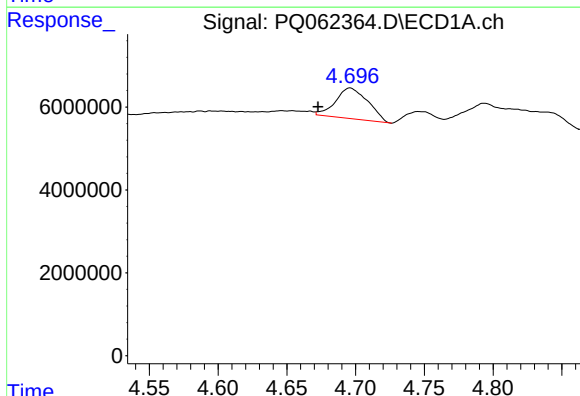
R.T.: 4.587 min
Delta R.T.: 0.006 min
Response: 979734
Conc: 6.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



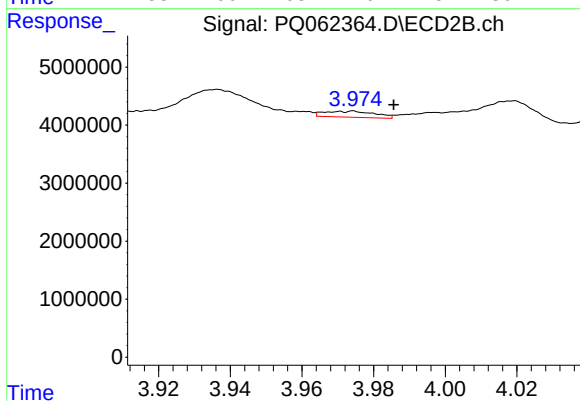
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 5650906
Conc: 74.90 ng/ml



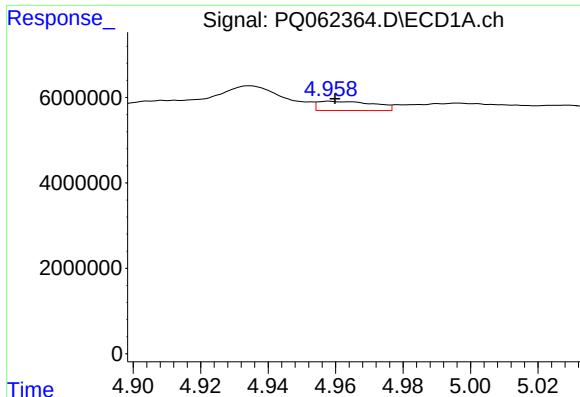
#6 AR-1016-4

R.T.: 4.696 min
Delta R.T.: 0.023 min
Response: 12102330
Conc: 96.55 ng/ml



#6 AR-1016-4

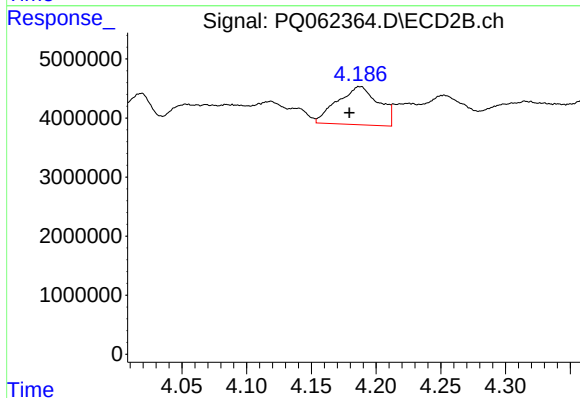
R.T.: 3.974 min
Delta R.T.: -0.011 min
Response: 1018876
Conc: 15.51 ng/ml



#7 AR-1016-5

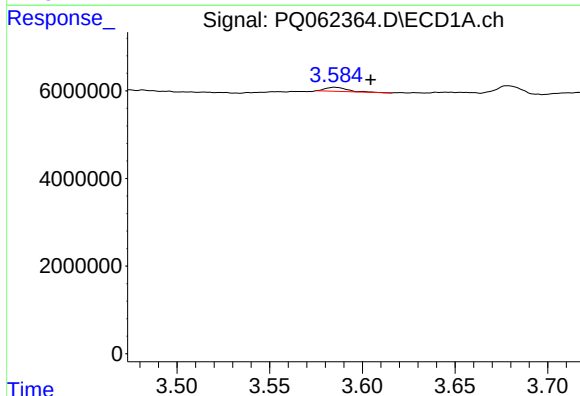
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 2493615
Conc: 20.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



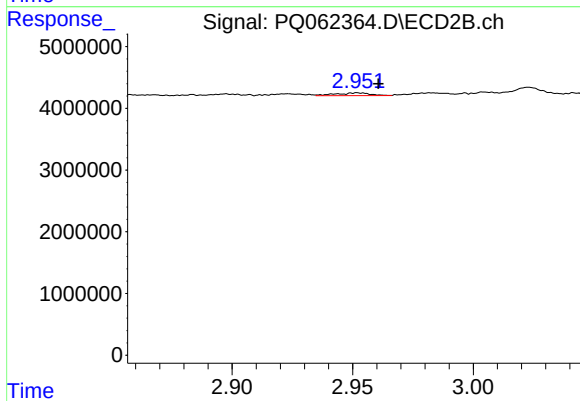
#7 AR-1016-5

R.T.: 4.188 min
Delta R.T.: 0.009 min
Response: 14329895
Conc: 174.79 ng/ml



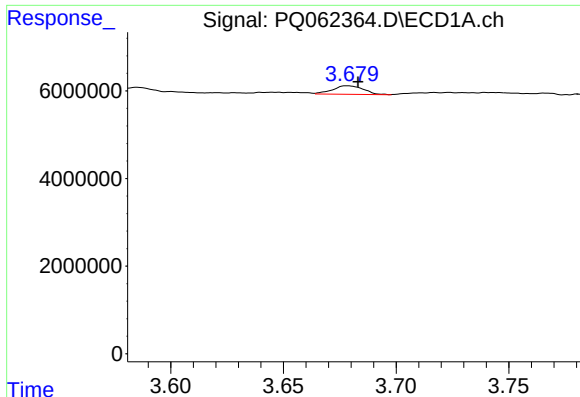
#8 AR-1221-1

R.T.: 3.585 min
Delta R.T.: -0.019 min
Response: 771050
Conc: 12.83 ng/ml



#8 AR-1221-1

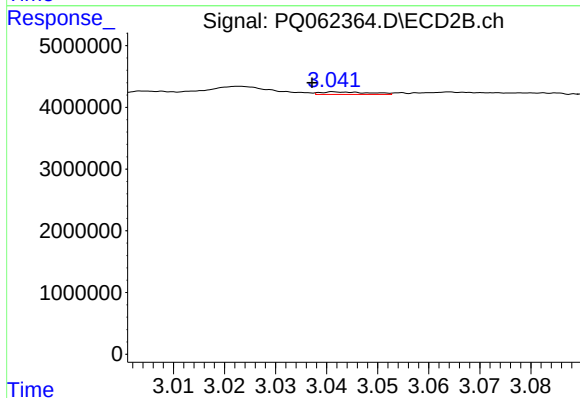
R.T.: 2.952 min
Delta R.T.: -0.009 min
Response: 433930
Conc: 13.15 ng/ml



#9 AR-1221-2

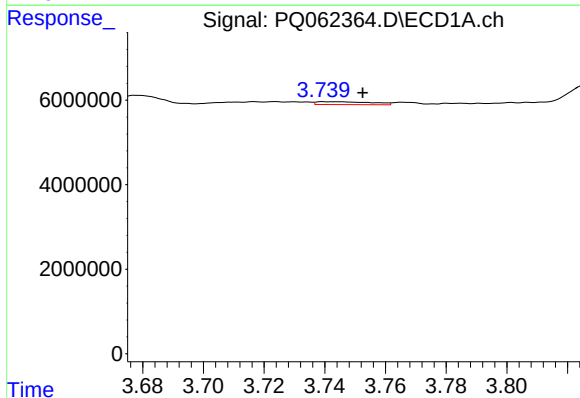
R.T.: 3.679 min
Delta R.T.: -0.005 min
Response: 1848587
Conc: 41.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



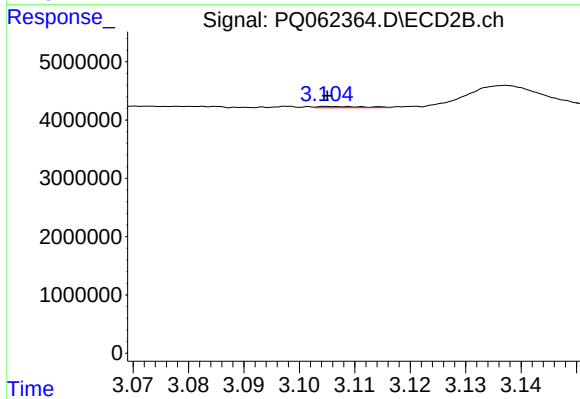
#9 AR-1221-2

R.T.: 3.042 min
Delta R.T.: 0.004 min
Response: 272226
Conc: 10.72 ng/ml



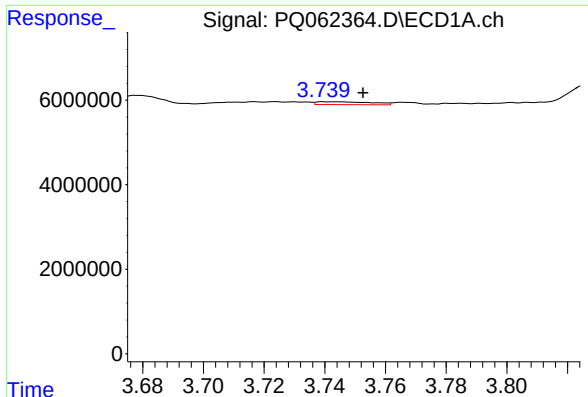
#10 AR-1221-3

R.T.: 3.740 min
Delta R.T.: -0.012 min
Response: 842618
Conc: 6.00 ng/ml



#10 AR-1221-3

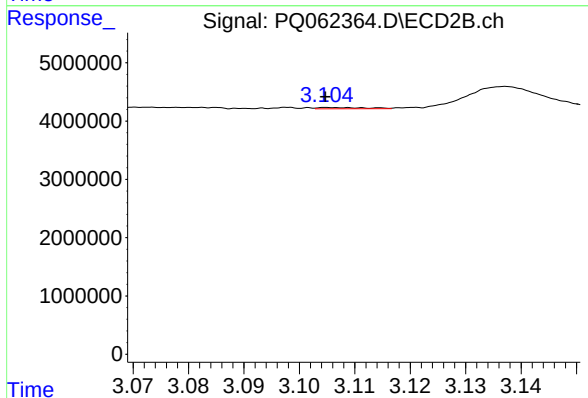
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 134760
Conc: 1.75 ng/ml



#11 AR-1232-1

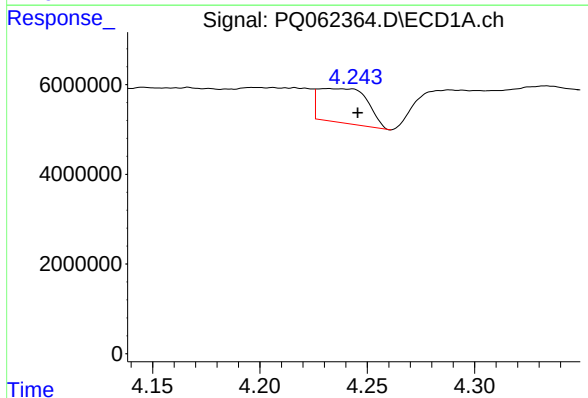
R.T.: 3.740 min
Delta R.T.: -0.012 min
Response: 842618
Conc: 7.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



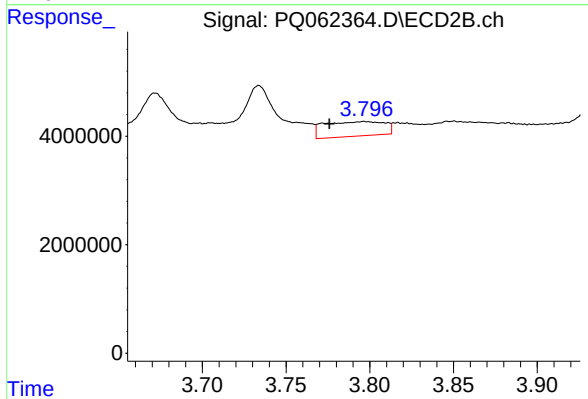
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 134760
Conc: 2.35 ng/ml



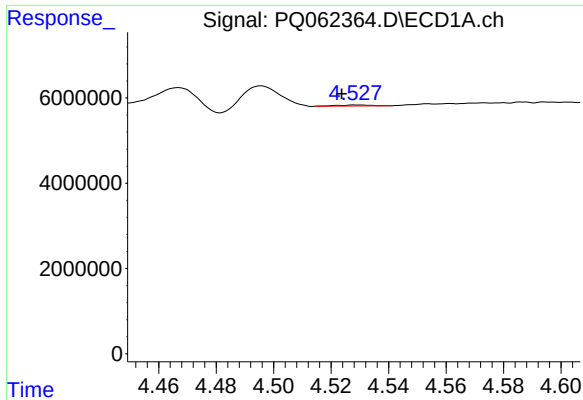
#12 AR-1232-2

R.T.: 4.232 min
Delta R.T.: -0.014 min
Response: 12141051
Conc: 205.25 ng/ml



#12 AR-1232-2

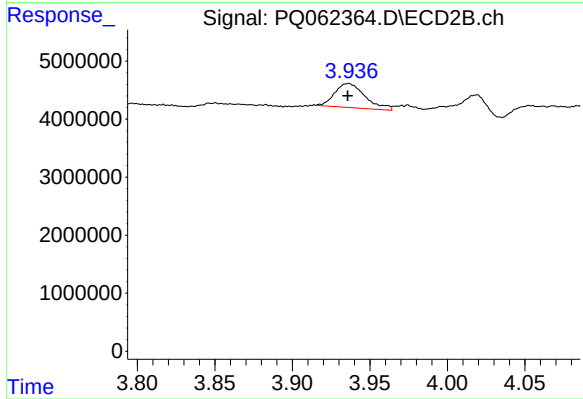
R.T.: 3.797 min
Delta R.T.: 0.021 min
Response: 6788800
Conc: 102.00 ng/ml



#13 AR-1232-3

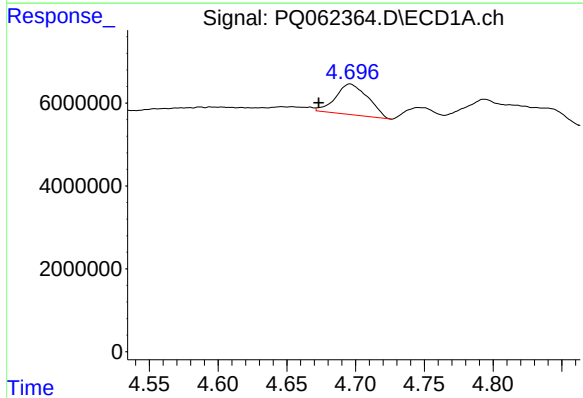
R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 200948
Conc: 1.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



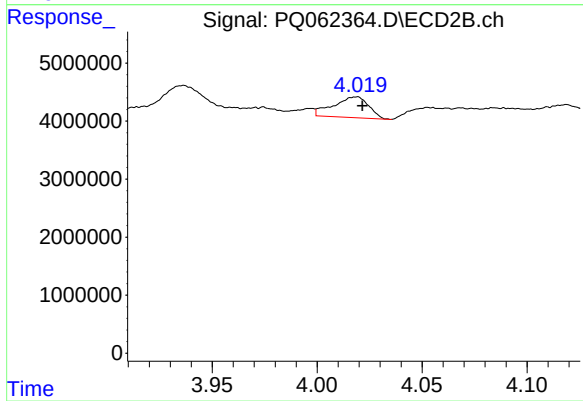
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 5650906
Conc: 163.53 ng/ml



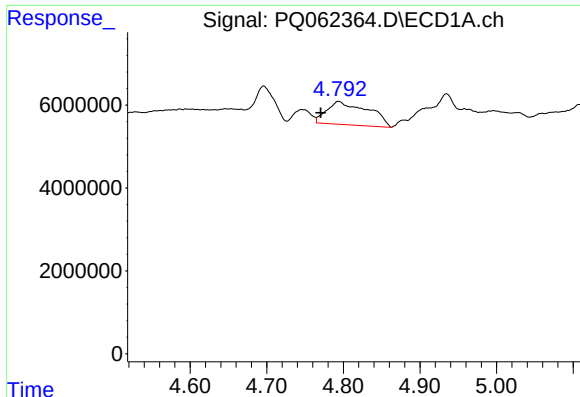
#14 AR-1232-4

R.T.: 4.696 min
Delta R.T.: 0.023 min
Response: 12102330
Conc: 213.57 ng/ml



#14 AR-1232-4

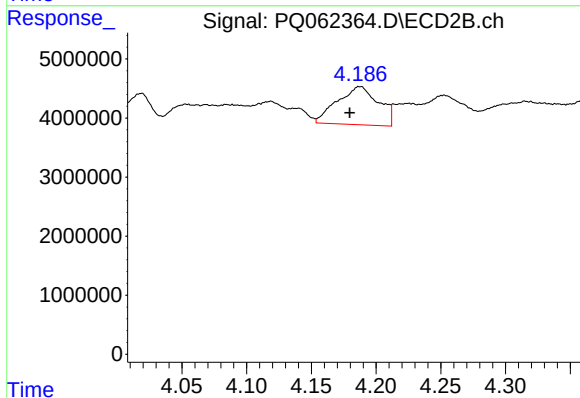
R.T.: 4.019 min
Delta R.T.: -0.002 min
Response: 4191629
Conc: 140.94 ng/ml



#15 AR-1232-5

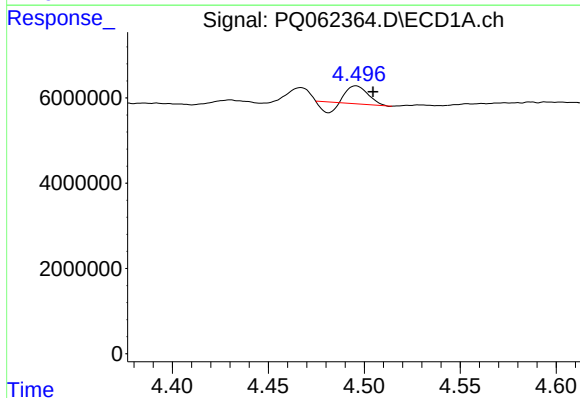
R.T.: 4.794 min
Delta R.T.: 0.023 min
Response: 21026692
Conc: 525.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



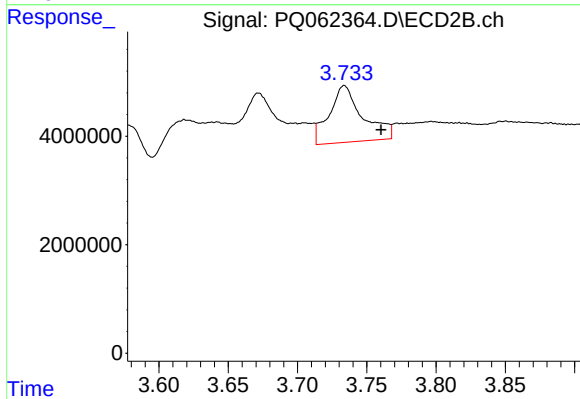
#15 AR-1232-5

R.T.: 4.188 min
Delta R.T.: 0.009 min
Response: 14329895
Conc: 401.84 ng/ml



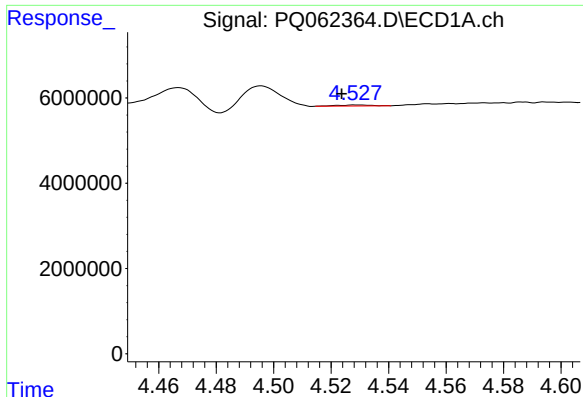
#16 AR-1242-1

R.T.: 4.496 min
Delta R.T.: -0.009 min
Response: 2168648
Conc: 16.59 ng/ml



#16 AR-1242-1

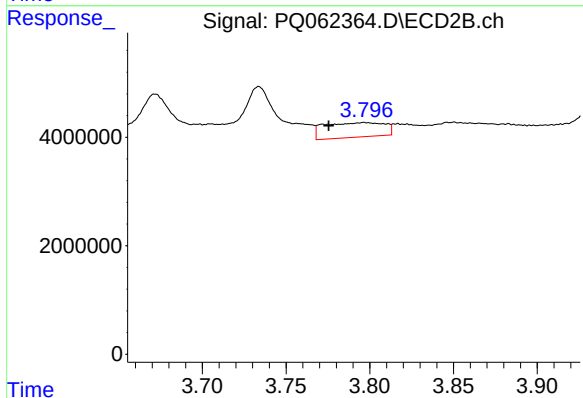
R.T.: 3.734 min
Delta R.T.: -0.026 min
Response: 17611498
Conc: 227.72 ng/ml



#17 AR-1242-2

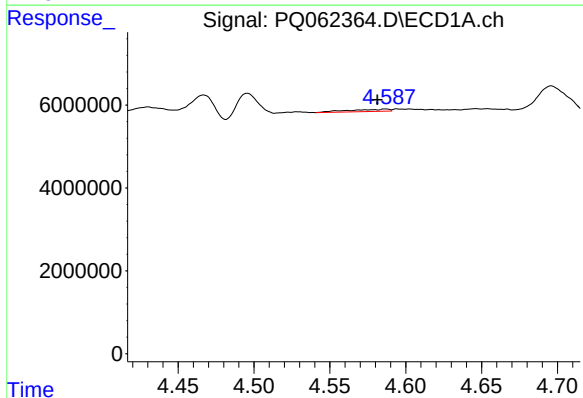
R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 200948
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



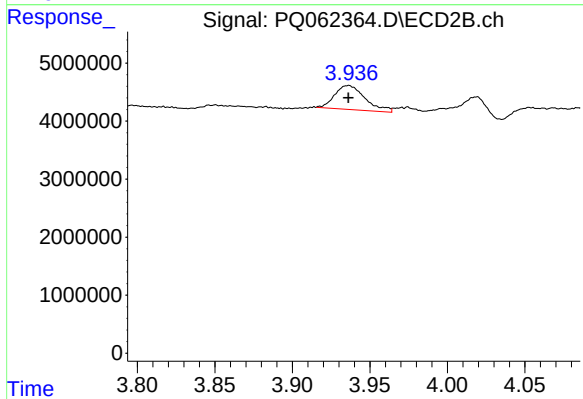
#17 AR-1242-2

R.T.: 3.797 min
Delta R.T.: 0.021 min
Response: 6788800
Conc: 61.07 ng/ml



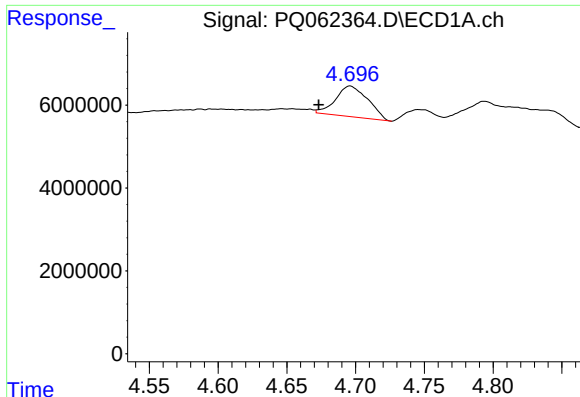
#18 AR-1242-3

R.T.: 4.587 min
Delta R.T.: 0.005 min
Response: 979734
Conc: 8.11 ng/ml



#18 AR-1242-3

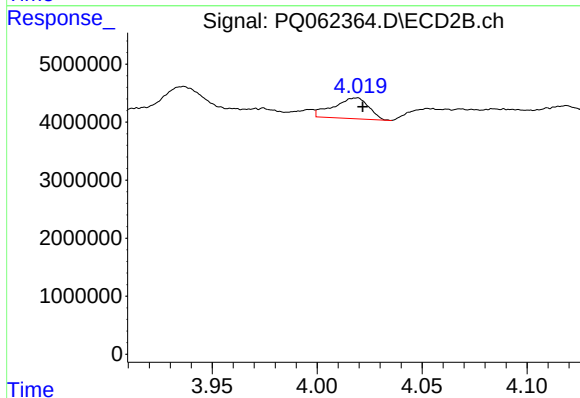
R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 5650906
Conc: 96.47 ng/ml



#19 AR-1242-4

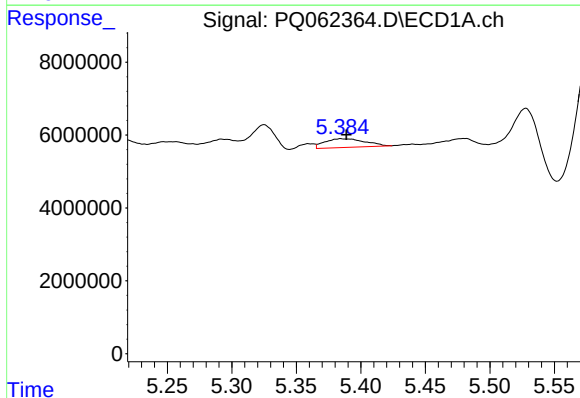
R.T.: 4.696 min
Delta R.T.: 0.023 min
Response: 12102330
Conc: 124.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



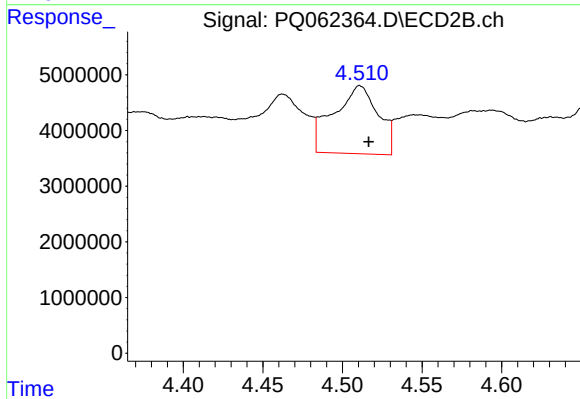
#19 AR-1242-4

R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 4191629
Conc: 71.50 ng/ml



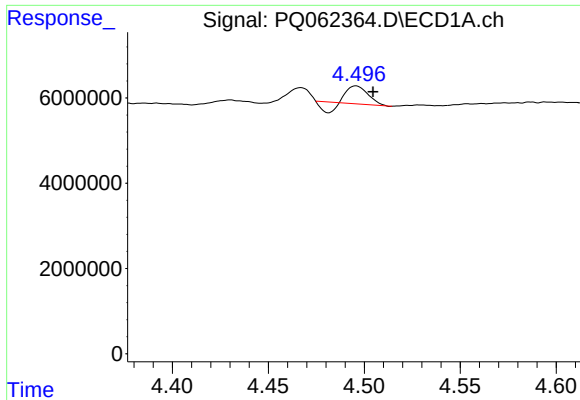
#20 AR-1242-5

R.T.: 5.384 min
Delta R.T.: -0.004 min
Response: 5147950
Conc: 53.78 ng/ml



#20 AR-1242-5

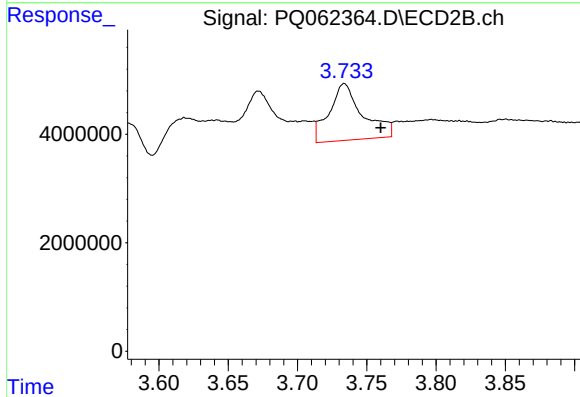
R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 23798345
Conc: 287.10 ng/ml



#21 AR-1248-1

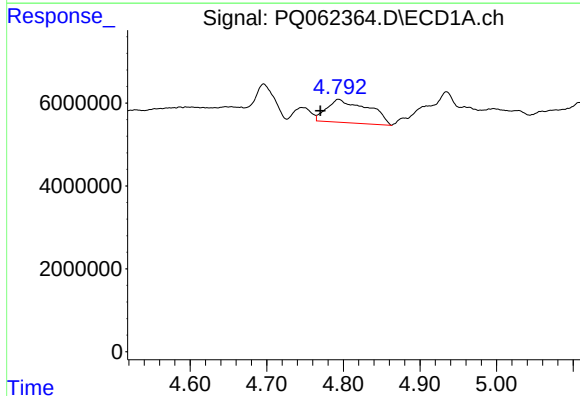
R.T.: 4.496 min
Delta R.T.: -0.009 min
Response: 2168648
Conc: 20.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



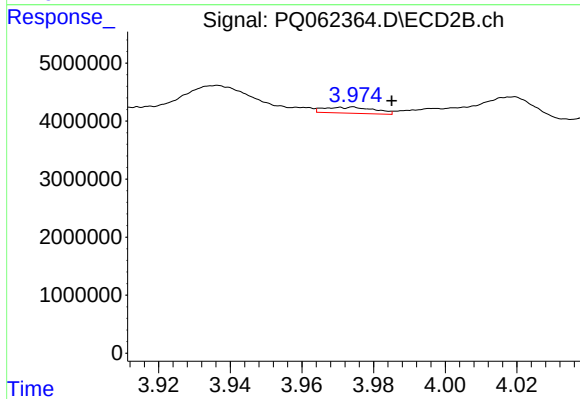
#21 AR-1248-1

R.T.: 3.734 min
Delta R.T.: -0.026 min
Response: 17611498
Conc: 281.69 ng/ml



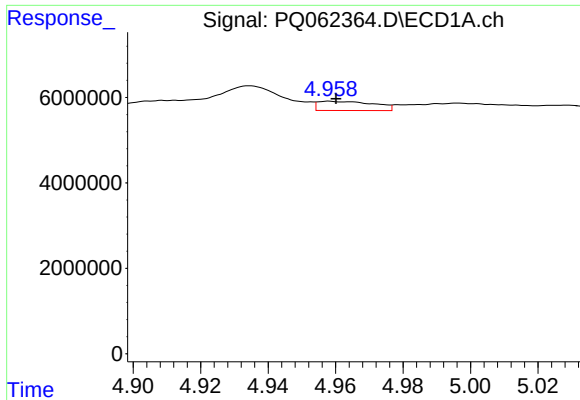
#22 AR-1248-2

R.T.: 4.794 min
Delta R.T.: 0.023 min
Response: 21026692
Conc: 146.36 ng/ml



#22 AR-1248-2

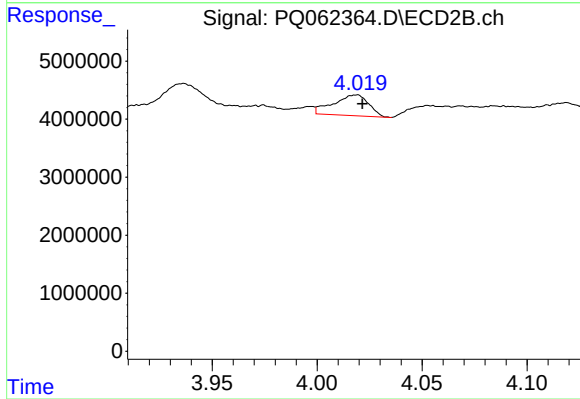
R.T.: 3.974 min
Delta R.T.: -0.011 min
Response: 1018876
Conc: 10.87 ng/ml



#23 AR-1248-3

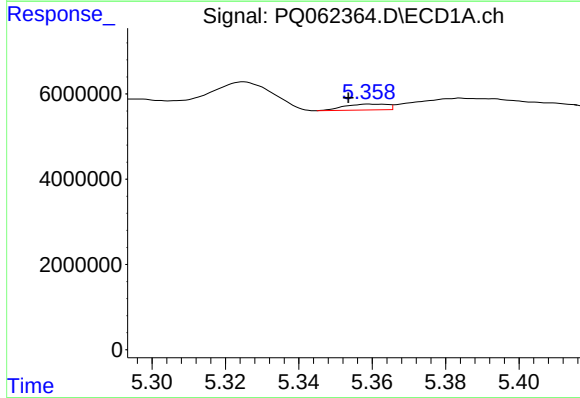
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 2493615
Conc: 14.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



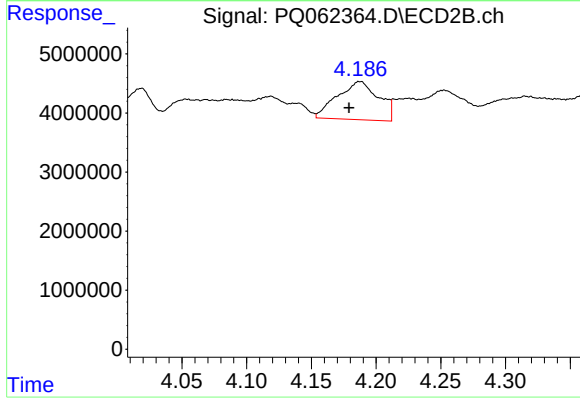
#23 AR-1248-3

R.T.: 4.019 min
Delta R.T.: -0.002 min
Response: 4191629
Conc: 46.29 ng/ml



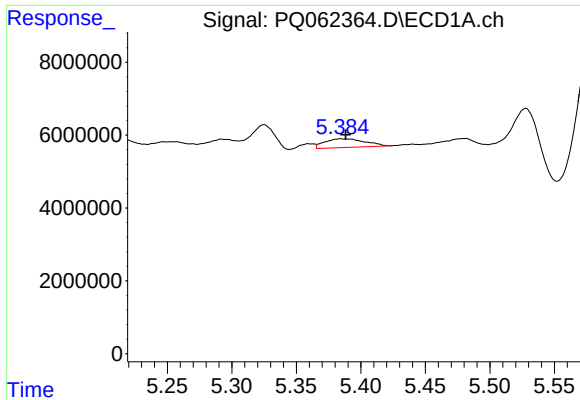
#24 AR-1248-4

R.T.: 5.360 min
Delta R.T.: 0.006 min
Response: 1127488
Conc: 5.87 ng/ml



#24 AR-1248-4

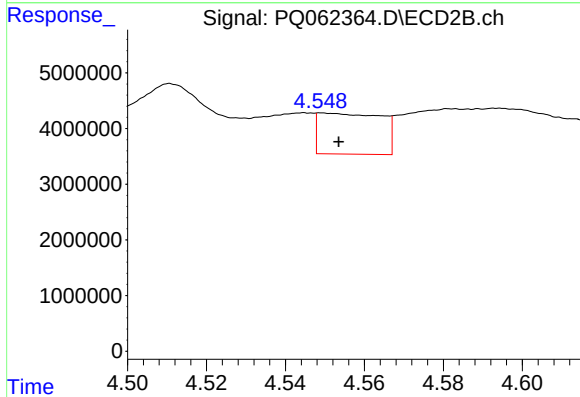
R.T.: 4.188 min
Delta R.T.: 0.009 min
Response: 14329895
Conc: 126.99 ng/ml



#25 AR-1248-5

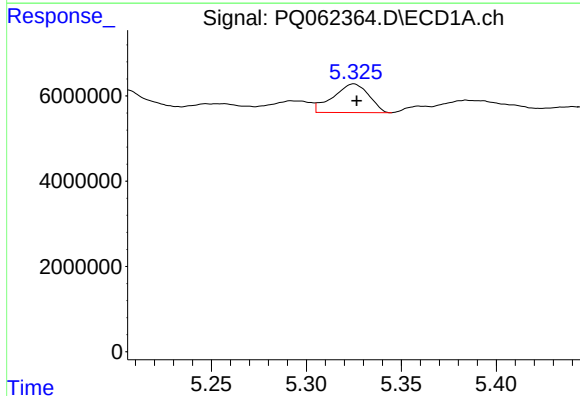
R.T.: 5.384 min
Delta R.T.: -0.004 min
Response: 5147950
Conc: 28.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



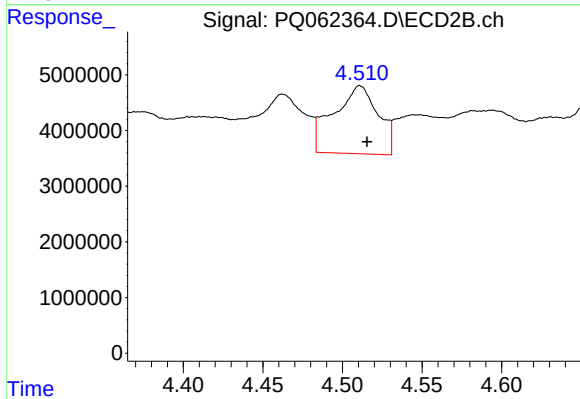
#25 AR-1248-5

R.T.: 4.549 min
Delta R.T.: -0.005 min
Response: 8173330
Conc: 72.95 ng/ml



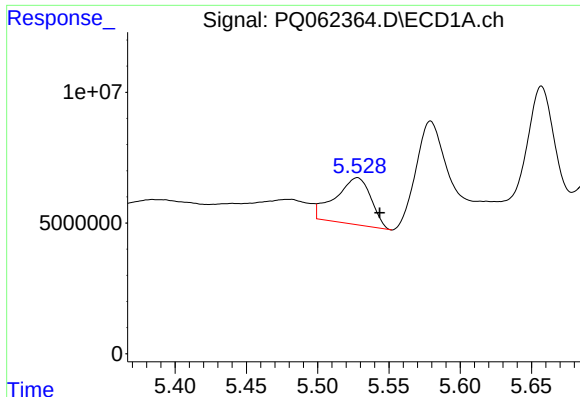
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 8806324
Conc: 47.39 ng/ml



#26 AR-1254-1

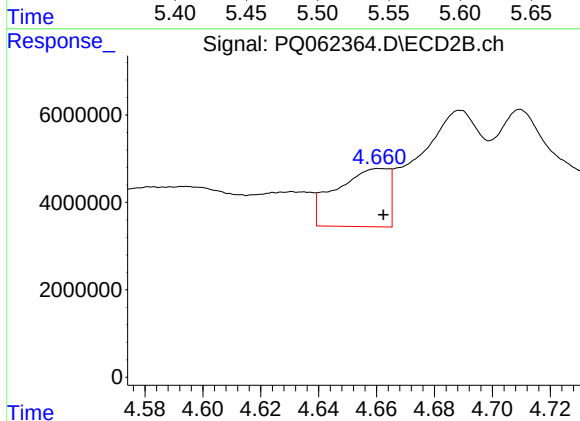
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 23798345
Conc: 147.39 ng/ml



#27 AR-1254-2

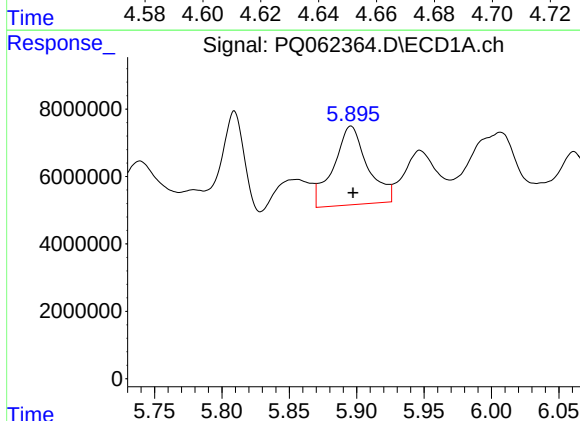
R.T.: 5.528 min
Delta R.T.: -0.016 min
Response: 31049245
Conc: 106.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



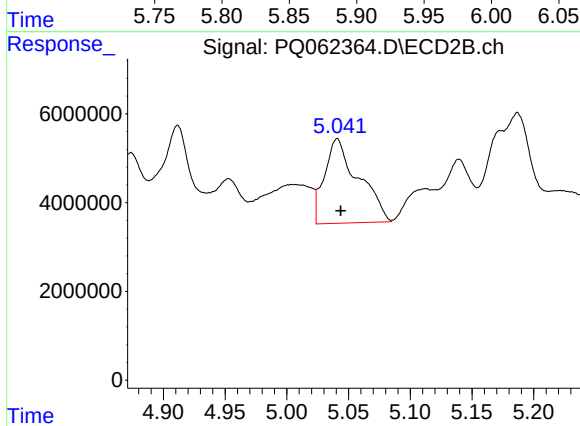
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: -0.002 min
Response: 16739297
Conc: 113.70 ng/ml



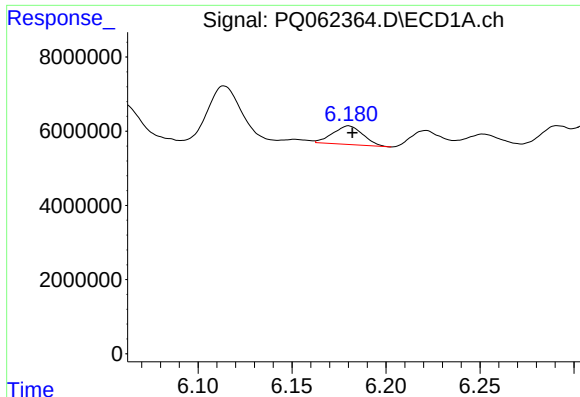
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 41144574
Conc: 133.96 ng/ml



#28 AR-1254-3

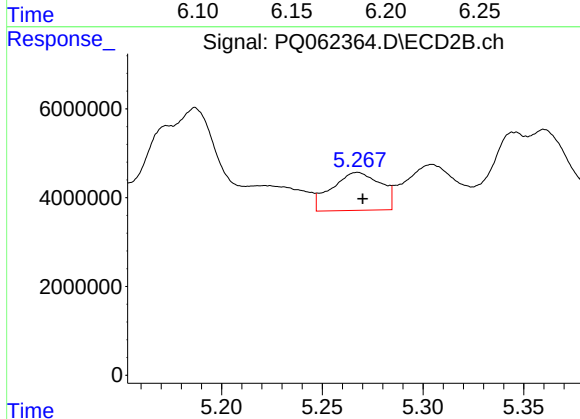
R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 36618163
Conc: 156.69 ng/ml



#29 AR-1254-4

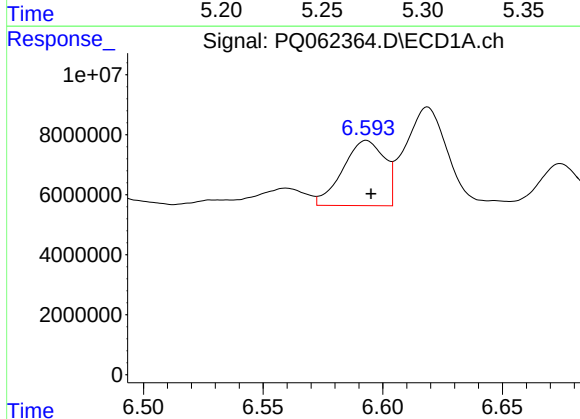
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 5597447
Conc: 24.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



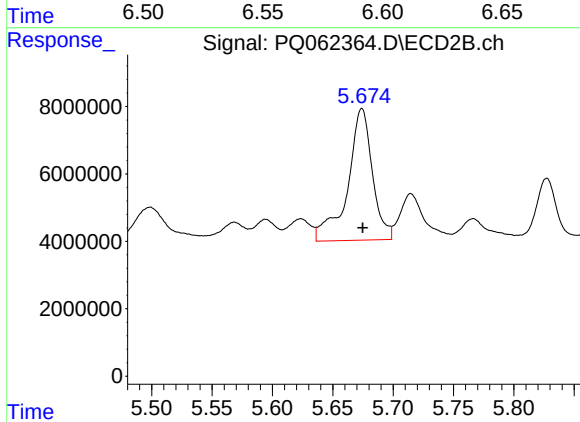
#29 AR-1254-4

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 14430257
Conc: 94.68 ng/ml



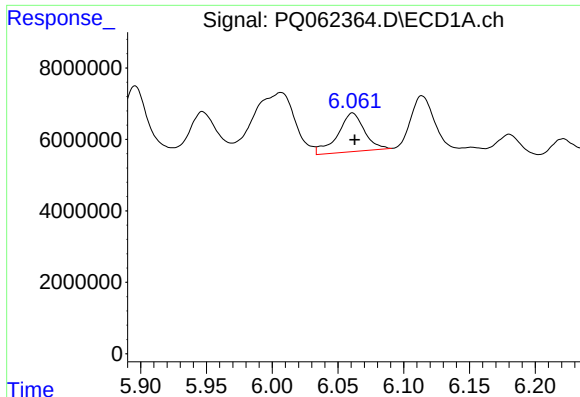
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 26334810
Conc: 102.52 ng/ml



#30 AR-1254-5

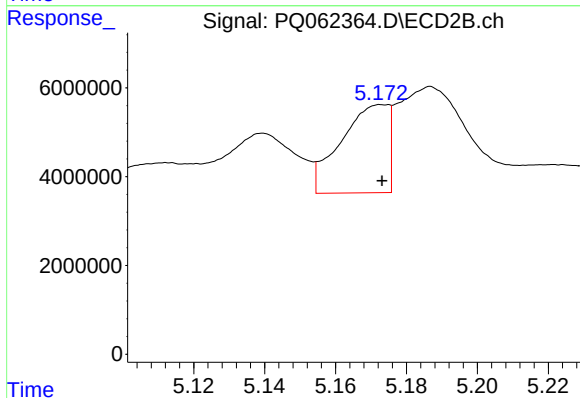
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 55804925
Conc: 241.79 ng/ml



#31 AR-1260-1

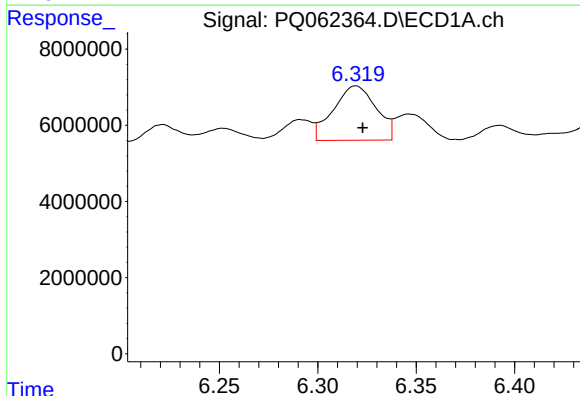
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 15283755
Conc: 64.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



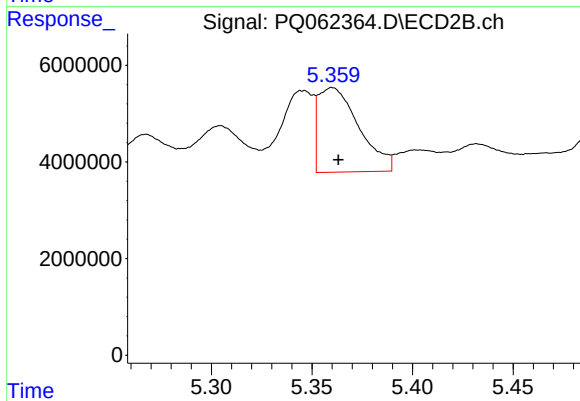
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 18430981
Conc: 110.66 ng/ml



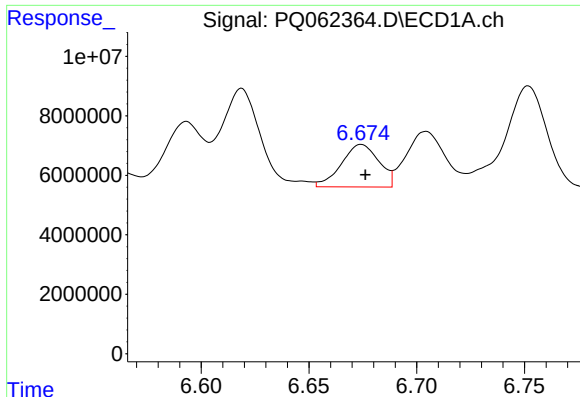
#32 AR-1260-2

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 21659630
Conc: 75.00 ng/ml



#32 AR-1260-2

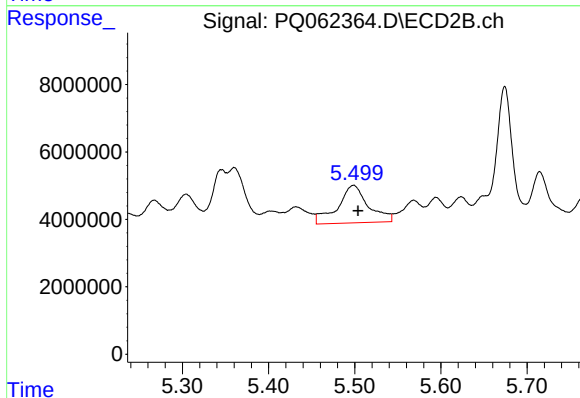
R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 24663333
Conc: 118.60 ng/ml



#33 AR-1260-3

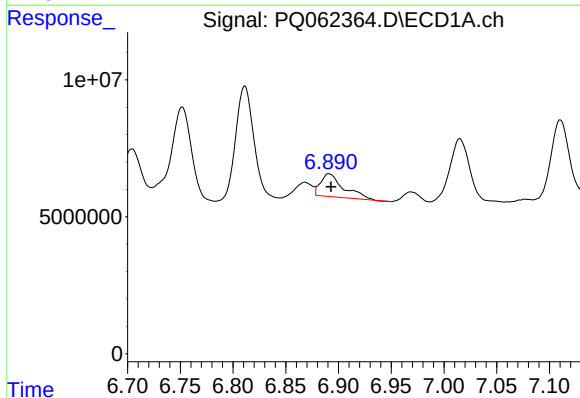
R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 17376887
Conc: 98.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



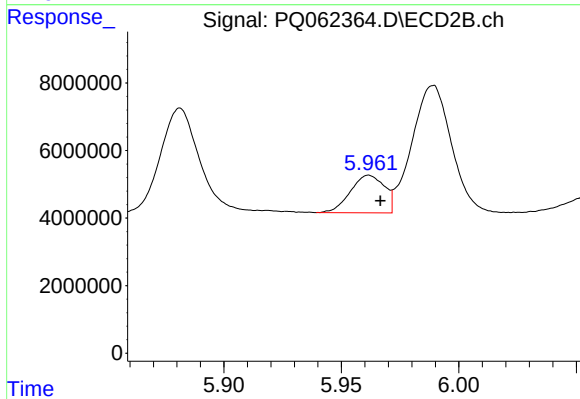
#33 AR-1260-3

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 27487678
Conc: 141.28 ng/ml



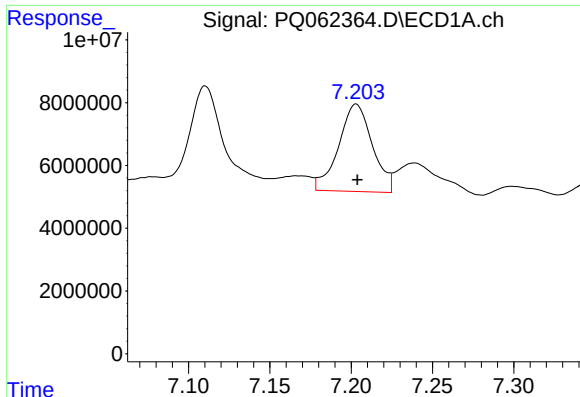
#34 AR-1260-4

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 12609738
Conc: 59.86 ng/ml



#34 AR-1260-4

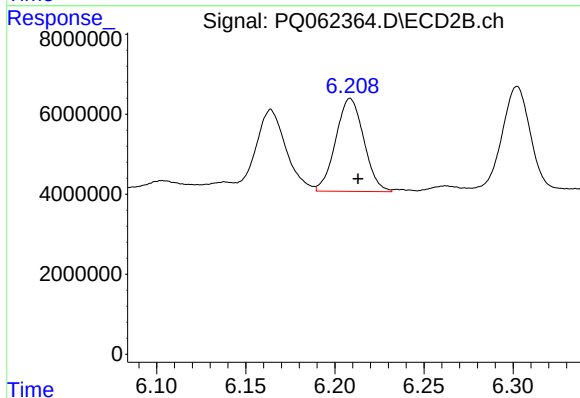
R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 11177418
Conc: 76.63 ng/ml



#35 AR-1260-5

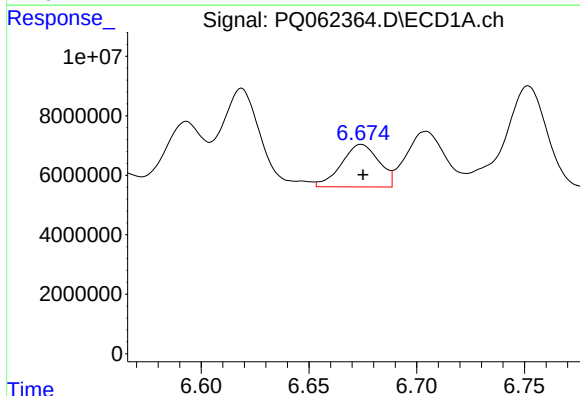
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 40337600
Conc: 98.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



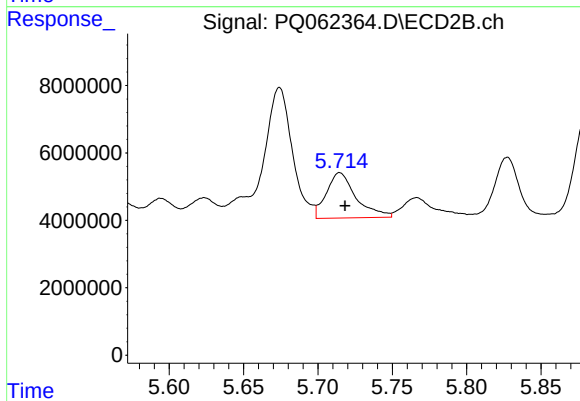
#35 AR-1260-5

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 25514217
Conc: 76.84 ng/ml



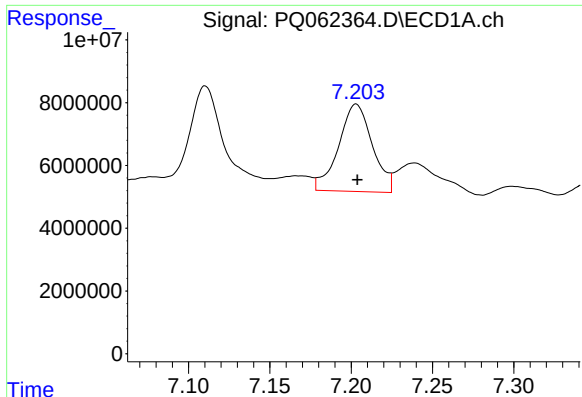
#36 AR-1262-1

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 17376887
Conc: 56.98 ng/ml



#36 AR-1262-1

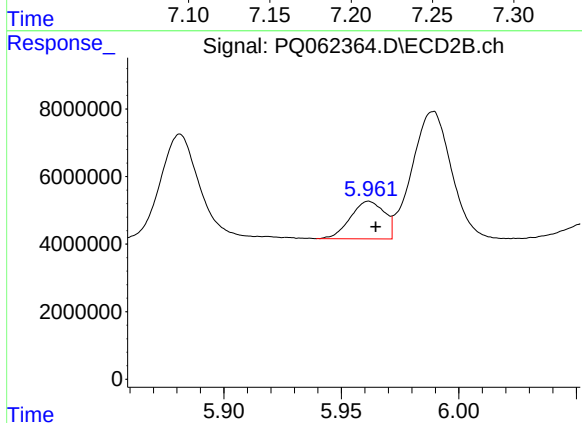
R.T.: 5.715 min
Delta R.T.: -0.004 min
Response: 18637015
Conc: 80.17 ng/ml



#37 AR-1262-2

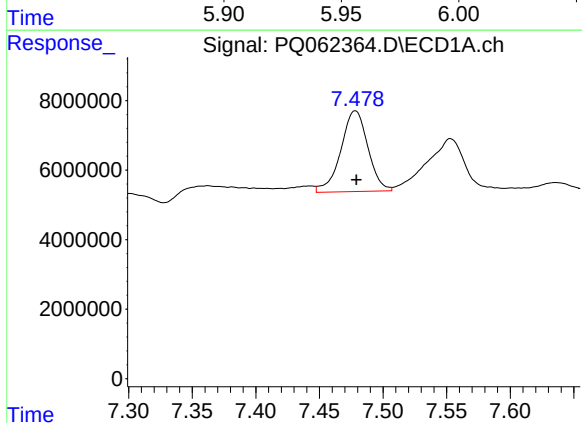
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 40337600
Conc: 76.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



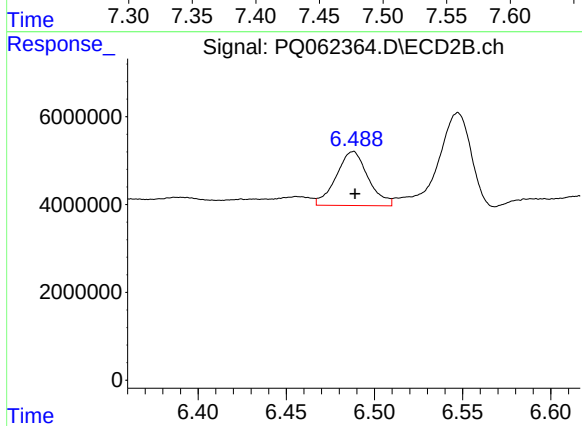
#37 AR-1262-2

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 11177418
Conc: 51.70 ng/ml



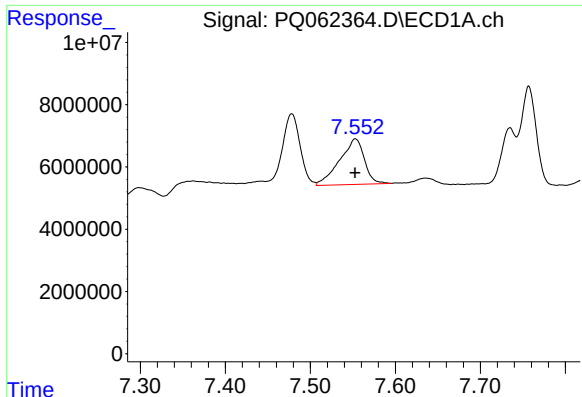
#38 AR-1262-3

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 34512362
Conc: 97.96 ng/ml



#38 AR-1262-3

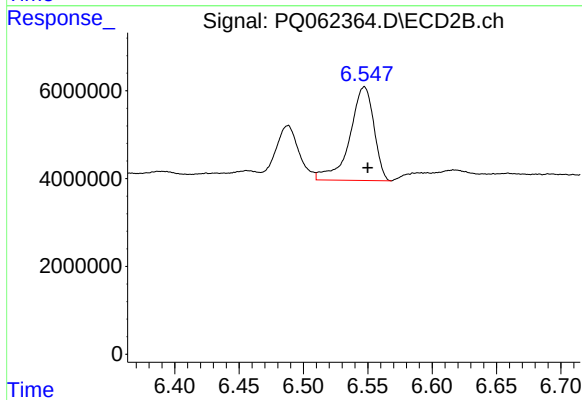
R.T.: 6.488 min
Delta R.T.: -0.001 min
Response: 15566490
Conc: 89.29 ng/ml



#39 AR-1262-4

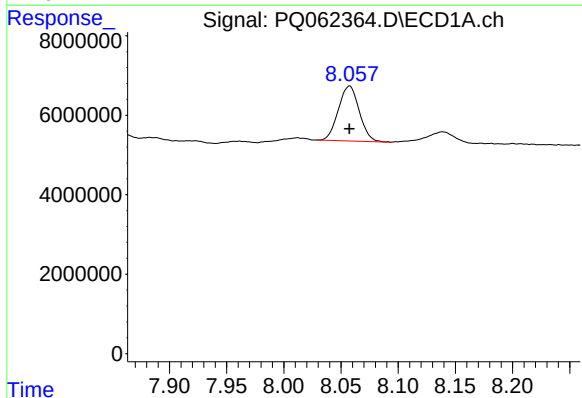
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 29697934
Conc: 111.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



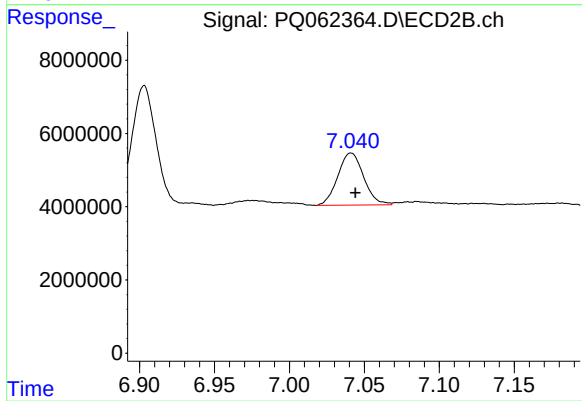
#39 AR-1262-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 27886539
Conc: 86.53 ng/ml



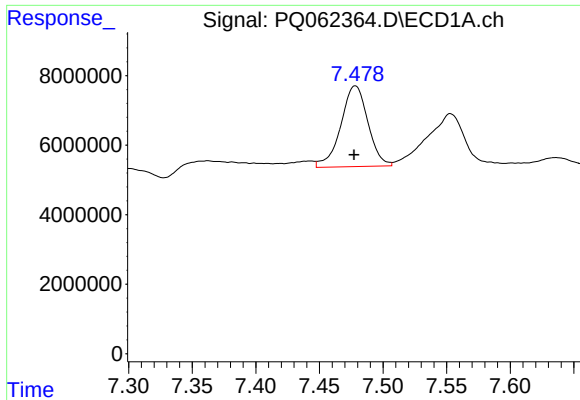
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 17614809
Conc: 99.23 ng/ml



#40 AR-1262-5

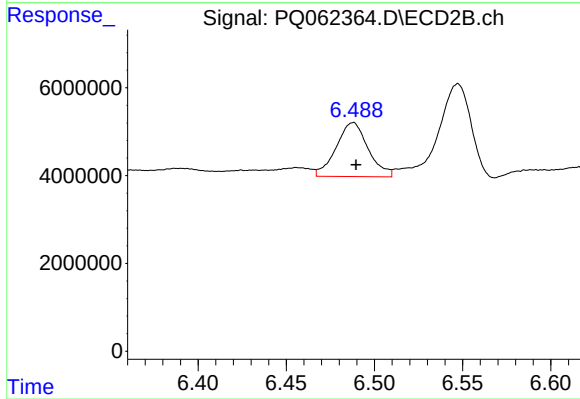
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 17063233
Conc: 110.00 ng/ml



#41 AR-1268-1

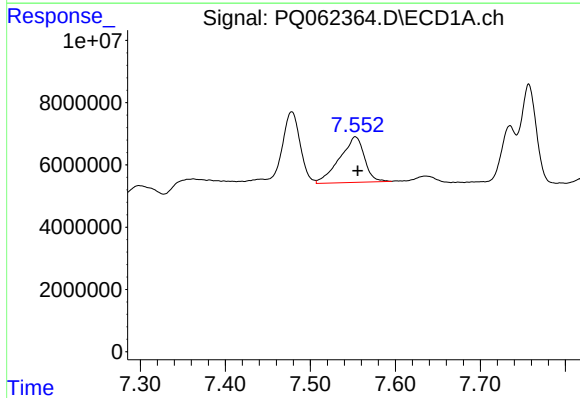
R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 34512362
Conc: 60.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



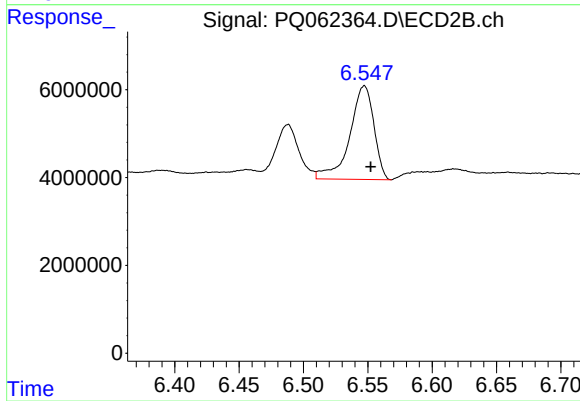
#41 AR-1268-1

R.T.: 6.488 min
Delta R.T.: -0.002 min
Response: 15566490
Conc: 33.08 ng/ml



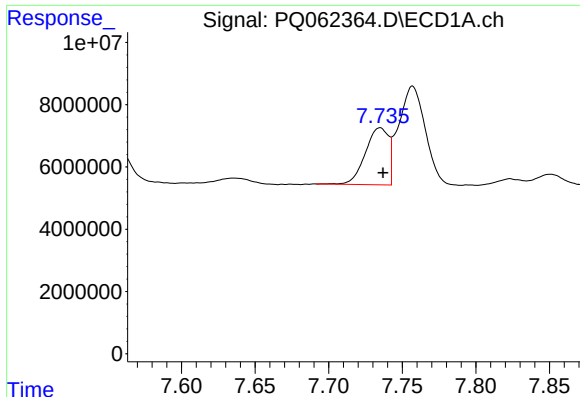
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 29697934
Conc: 58.25 ng/ml



#42 AR-1268-2

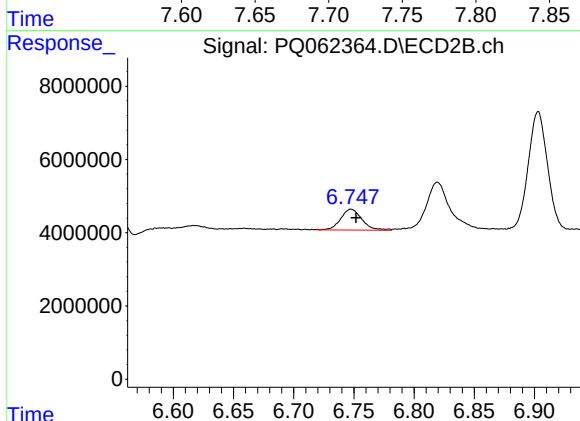
R.T.: 6.547 min
Delta R.T.: -0.005 min
Response: 27886539
Conc: 65.82 ng/ml



#43 AR-1268-3

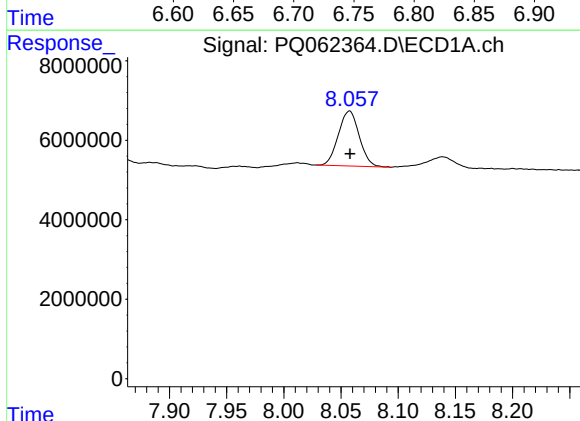
R.T.: 7.735 min
Delta R.T.: -0.002 min
Response: 20106693
Conc: 47.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



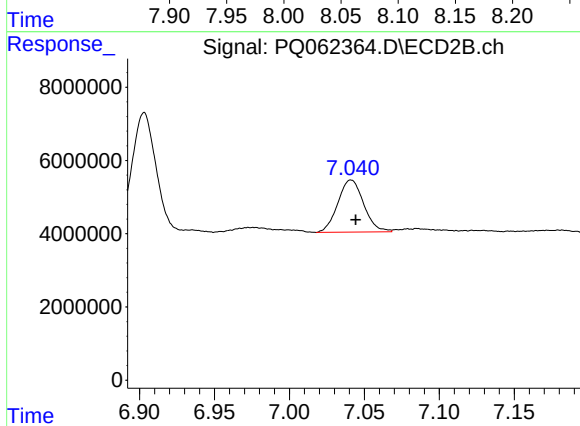
#43 AR-1268-3

R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 6983640
Conc: 18.96 ng/ml



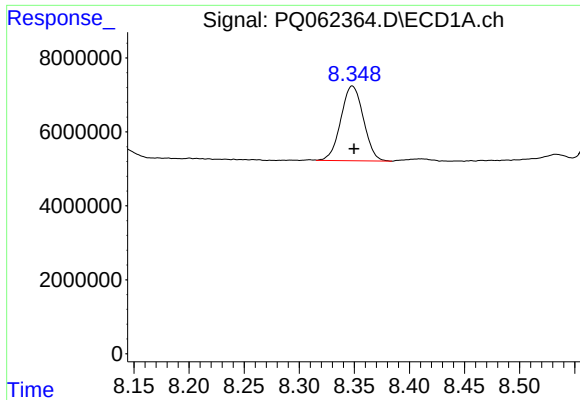
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 17614809
Conc: 96.26 ng/ml



#44 AR-1268-4

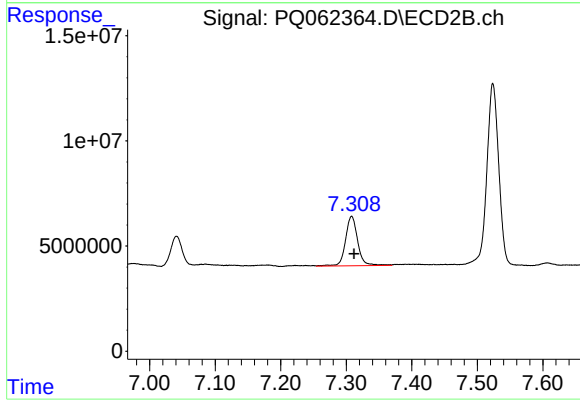
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 17063233
Conc: 106.69 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.002 min
Response: 28878175
Conc: 22.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.308 min
Delta R.T.: -0.004 min
Response: 30394762
Conc: 26.05 ng/ml