

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062322.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2023 04:25
 Operator : YP\AJ
 Sample : 03619-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 04:48:13 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...	3.409	2.764	49248430	29027952	10.096	11.569
2)	SA Decachlor...	8.584	7.526	53034190	46195264	14.599	13.863
Target Compounds							
3)	L1 AR-1016-1	4.501	3.756	-2579573	33317766	N.D.	336.627 #
4)	L1 AR-1016-2	4.534	3.756	239818	33317766	0.970	231.054 #
5)	L1 AR-1016-3	4.590	3.926	18146463	8201229	119.067	108.708
6)	L1 AR-1016-4	4.654	3.974	4690578	16667744	37.421	253.775 #
7)	L1 AR-1016-5	4.968	4.181	11142305	6408762	91.543	78.173
8)	L2 AR-1221-1	3.614	2.976	3232183	951360	53.773	28.832 #
9)	L2 AR-1221-2	3.684	3.014	2467610	4003532	54.918	157.619 #
10)	L2 AR-1221-3	3.763	3.110	1208116	338258	8.598	4.388 #
11)	L3 AR-1232-1	3.763	3.110	1208116	338258	11.440	5.903 #
12)	L3 AR-1232-2	4.291f	3.756	8287754	33317766	140.111	500.605 #
13)	L3 AR-1232-3	4.534	3.926	239818	8201229	2.121	237.339 #
14)	L3 AR-1232-4	4.654	4.027	4690578	15472309	82.775	520.256 #
15)	L3 AR-1232-5	4.757	4.181	23205273	6408762	579.408	179.714 #
16)	L4 AR-1242-1	4.501	3.756	-2579573	33317766	N.D.	430.801 #
17)	L4 AR-1242-2	4.534	3.756	239818	33317766	1.235	299.732 #
18)	L4 AR-1242-3	4.590	3.926	18146463	8201229	150.164	140.010
19)	L4 AR-1242-4	4.654	4.027	4690578	15472309	48.116	263.906 #
20)	L4 AR-1242-5	5.397	4.534	9295228	29927762	97.098	361.043 #
21)	L5 AR-1248-1	4.501	3.756	-2579573	33317766	N.D.	532.911 #
22)	L5 AR-1248-2	4.757	3.974	23205273	16667744	161.527	177.754
23)	L5 AR-1248-3	4.968	4.027	11142305	15472309	64.142	170.882 #
24)	L5 AR-1248-4	5.338	4.181	15384043	6408762	80.154	56.795 #
25)	L5 AR-1248-5	5.397	4.567	9295228	12341740	51.320	110.162 #
26)	L6 AR-1254-1	5.338	4.534	15384043	29927762	82.789	185.354 #
27)	L6 AR-1254-2	5.566	4.655	24141234	12310953	83.041	83.620
28)	L6 AR-1254-3	5.881	5.056	10054300	50820181	32.735	217.458 #
29)	L6 AR-1254-4	6.211f	5.264	2060286	8033164	8.873	52.706 #
30)	L6 AR-1254-5	6.604	5.644f	5551371	10172600	21.612	44.076 #
31)	L7 AR-1260-1	6.056	5.183	1838160	4093907	7.791	24.580 #
32)	L7 AR-1260-2	6.309	5.382	52541492	25479514	181.923	122.529 #
33)	L7 AR-1260-3	6.675	5.484	2432854	8004086	13.778	41.140 #
34)	L7 AR-1260-4	6.919f	5.985	5086279	12646434	24.146	86.702 #
35)	L7 AR-1260-5	7.206	6.206	4164905	8017904	10.143	24.146 #
36)	L8 AR-1262-1	6.675	5.725	2432854	12999540	7.978	55.919 #
37)	L8 AR-1262-2	7.206	5.985	4164905	12646434	7.907	58.492 #
38)	L8 AR-1262-3	7.512f	6.493	17778668	4334482	50.464	24.864 #
39)	L8 AR-1262-4	7.538	6.565	9746061	7378182	36.540	22.893 #
40)	L8 AR-1262-5	8.042	7.037	5585772	9743642	31.468	62.816 #
41)	L9 AR-1268-1	7.512f	6.493	17778668	4334482	31.329	9.212 #

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 Acq On : 18 Jul 2023 04:25
 Operator : YP\AJ
 Sample : 03619-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

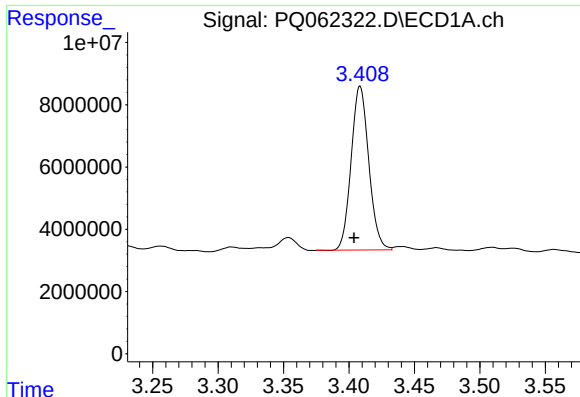
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 04:48:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
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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	7.538	6.565	9746061	7378182	19.115	17.414
43) L9	AR-1268-3	7.715	6.757	-659699	4320940	N.D.	11.731 #
44) L9	AR-1268-4	8.042	7.037	5585772	9743642	30.526	60.922 #
45) L9	AR-1268-5	8.343	7.331	1213727	4765699	0.963	4.084 #

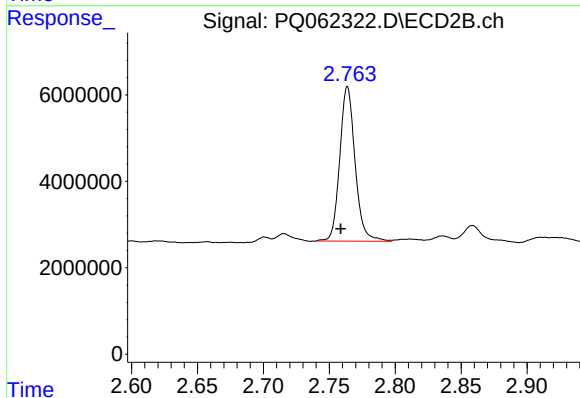
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

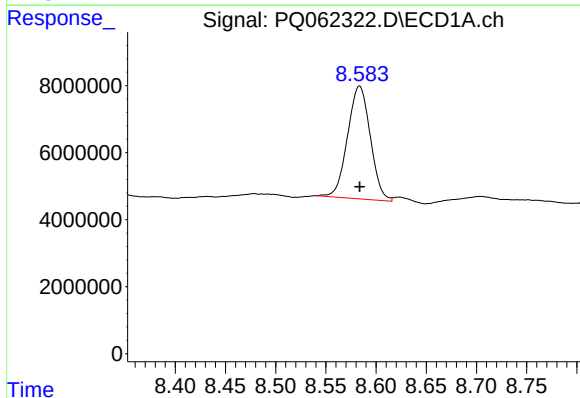
R.T.: 3.409 min
Delta R.T.: 0.005 min
Response: 49248430
Conc: 10.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



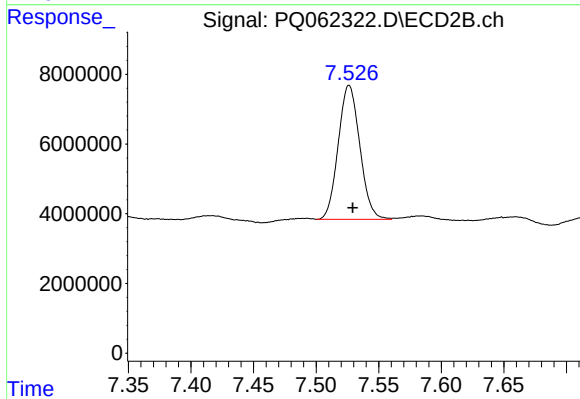
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.005 min
Response: 29027952
Conc: 11.57 ng/ml



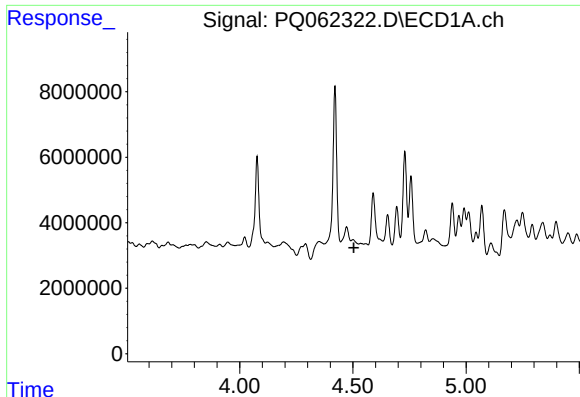
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 53034190
Conc: 14.60 ng/ml



#2 Decachlorobiphenyl

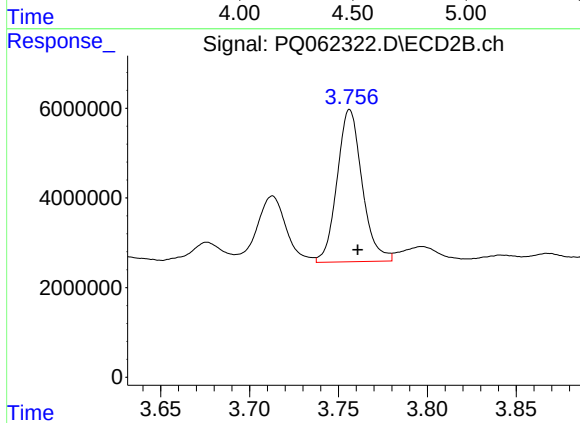
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 46195264
Conc: 13.86 ng/ml



#3 AR-1016-1

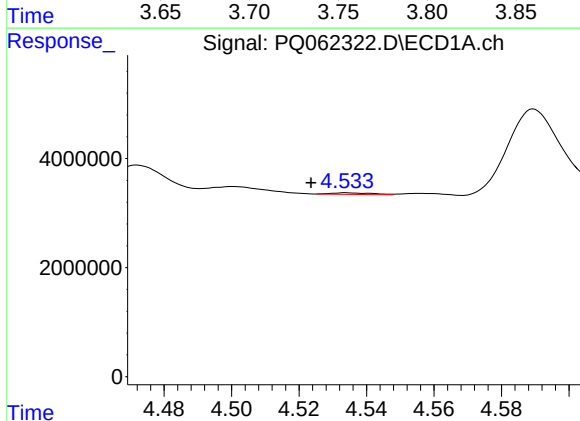
R.T.: 4.501 min
Delta R.T.: -0.004 min
Response: -2579573
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



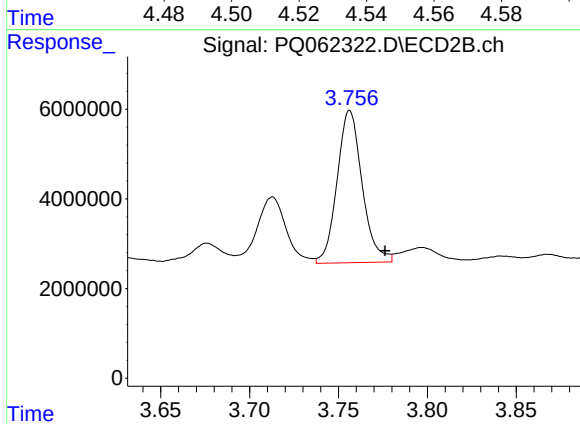
#3 AR-1016-1

R.T.: 3.756 min
Delta R.T.: -0.005 min
Response: 33317766
Conc: 336.63 ng/ml



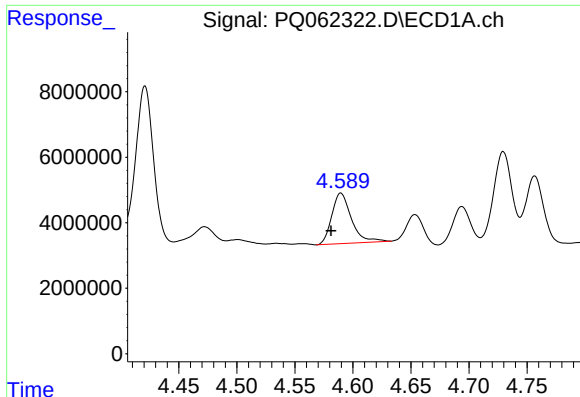
#4 AR-1016-2

R.T.: 4.534 min
Delta R.T.: 0.011 min
Response: 239818
Conc: 0.97 ng/ml



#4 AR-1016-2

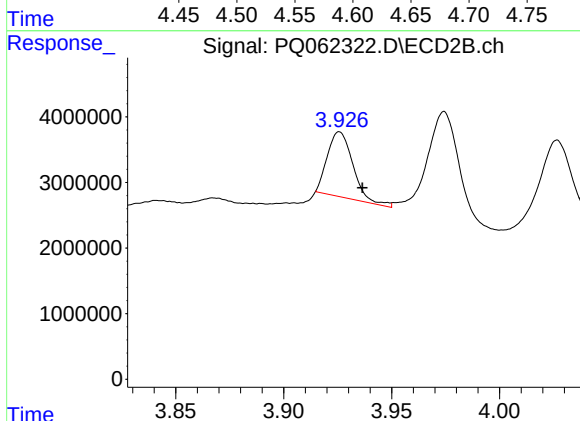
R.T.: 3.756 min
Delta R.T.: -0.020 min
Response: 33317766
Conc: 231.05 ng/ml



#5 AR-1016-3

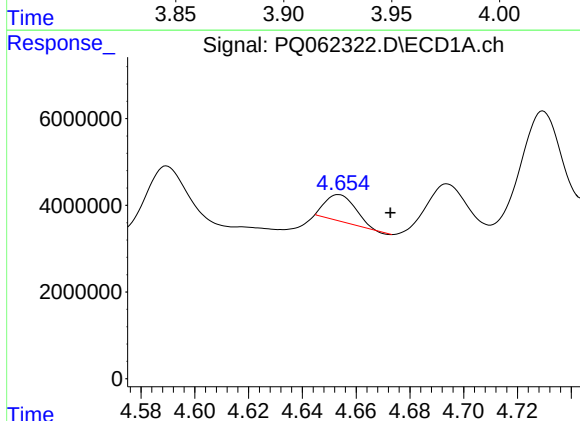
R.T.: 4.590 min
Delta R.T.: 0.009 min
Response: 18146463
Conc: 119.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



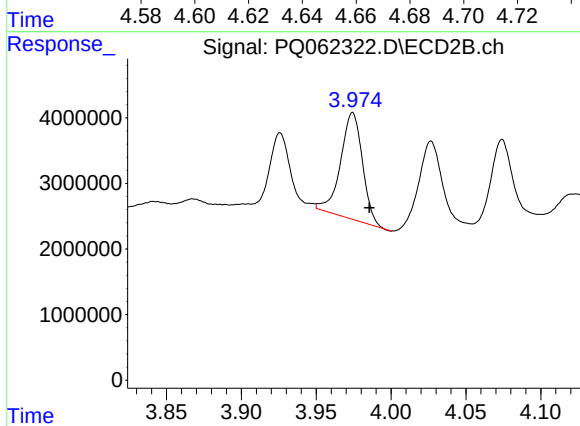
#5 AR-1016-3

R.T.: 3.926 min
Delta R.T.: -0.010 min
Response: 8201229
Conc: 108.71 ng/ml



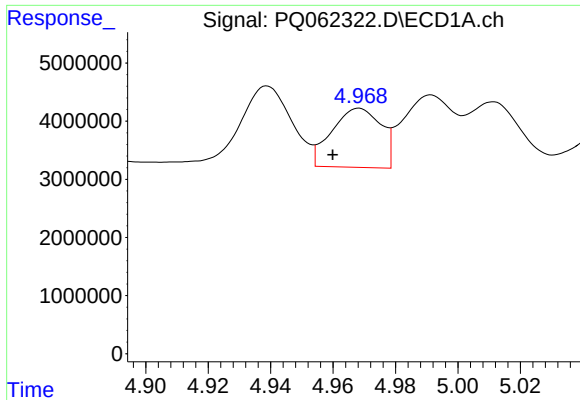
#6 AR-1016-4

R.T.: 4.654 min
Delta R.T.: -0.019 min
Response: 4690578
Conc: 37.42 ng/ml



#6 AR-1016-4

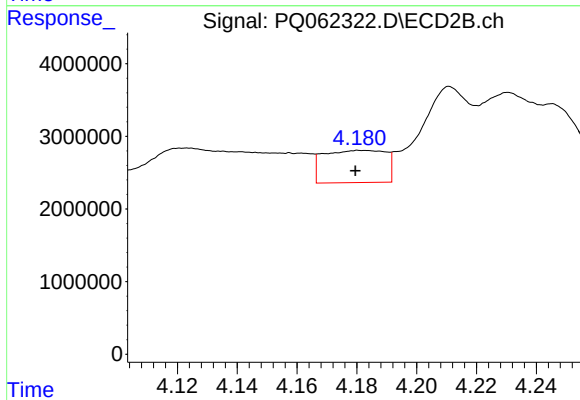
R.T.: 3.974 min
Delta R.T.: -0.011 min
Response: 16667744
Conc: 253.78 ng/ml



#7 AR-1016-5

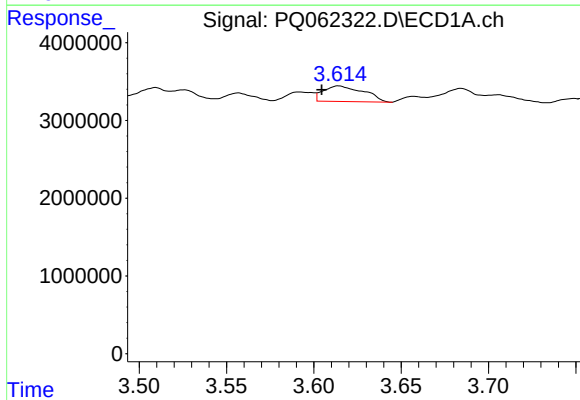
R.T.: 4.968 min
Delta R.T.: 0.009 min
Response: 11142305
Conc: 91.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



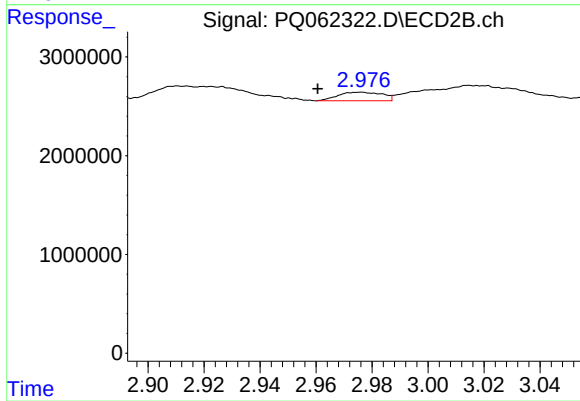
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: 0.001 min
Response: 6408762
Conc: 78.17 ng/ml



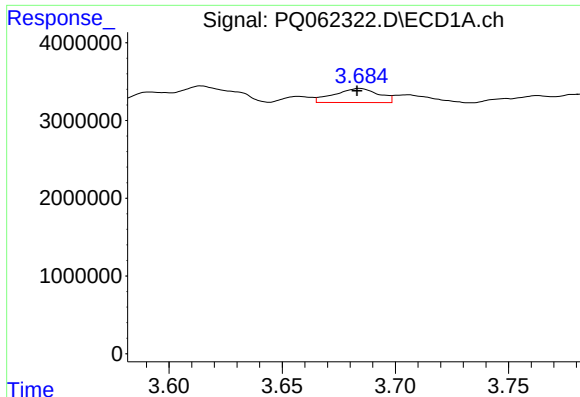
#8 AR-1221-1

R.T.: 3.614 min
Delta R.T.: 0.010 min
Response: 3232183
Conc: 53.77 ng/ml



#8 AR-1221-1

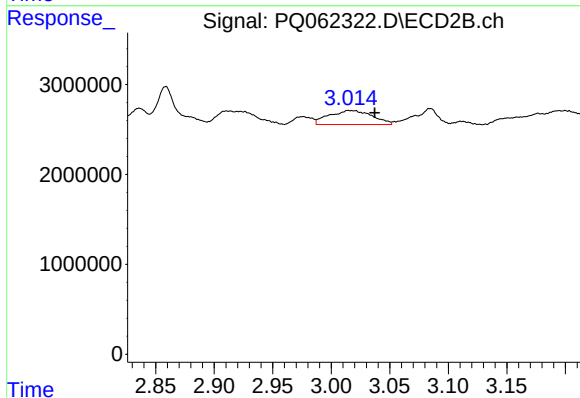
R.T.: 2.976 min
Delta R.T.: 0.016 min
Response: 951360
Conc: 28.83 ng/ml



#9 AR-1221-2

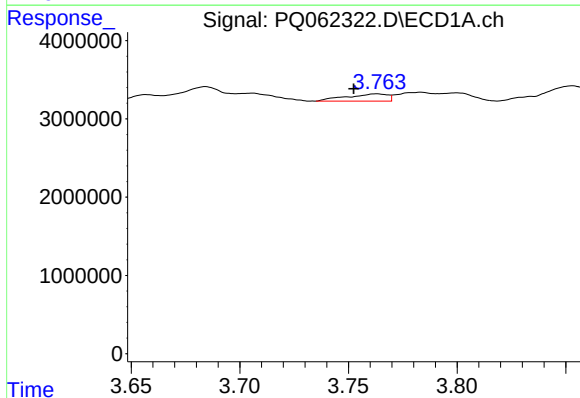
R.T.: 3.684 min
Delta R.T.: 0.001 min
Response: 2467610
Conc: 54.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



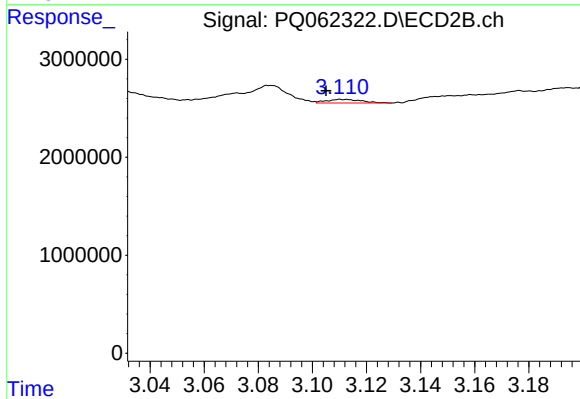
#9 AR-1221-2

R.T.: 3.014 min
Delta R.T.: -0.023 min
Response: 4003532
Conc: 157.62 ng/ml



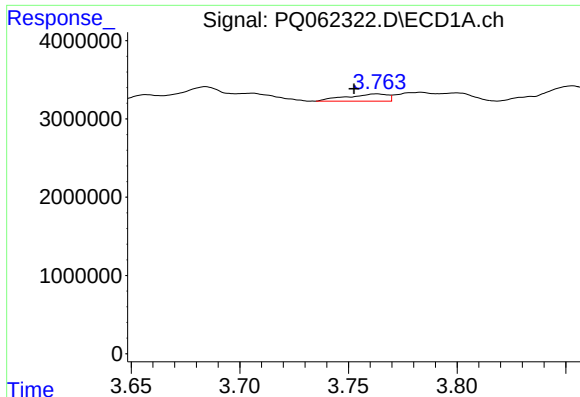
#10 AR-1221-3

R.T.: 3.763 min
Delta R.T.: 0.010 min
Response: 1208116
Conc: 8.60 ng/ml



#10 AR-1221-3

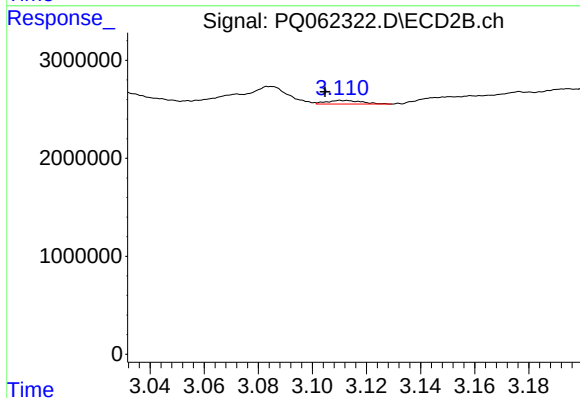
R.T.: 3.110 min
Delta R.T.: 0.005 min
Response: 338258
Conc: 4.39 ng/ml



#11 AR-1232-1

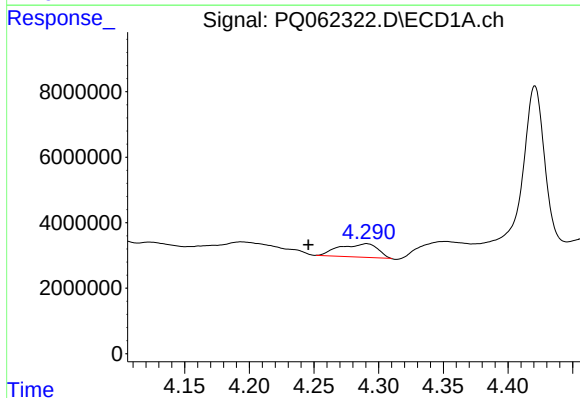
R.T.: 3.763 min
Delta R.T.: 0.010 min
Response: 1208116
Conc: 11.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



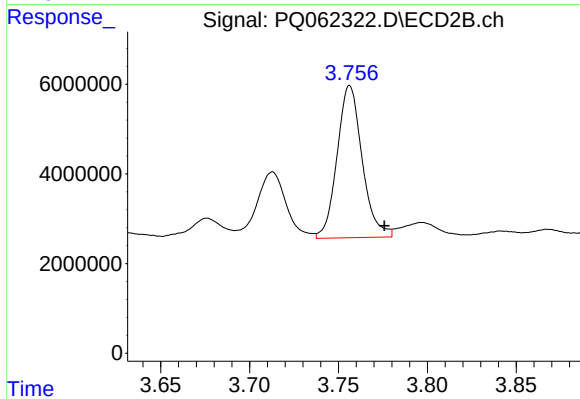
#11 AR-1232-1

R.T.: 3.110 min
Delta R.T.: 0.006 min
Response: 338258
Conc: 5.90 ng/ml



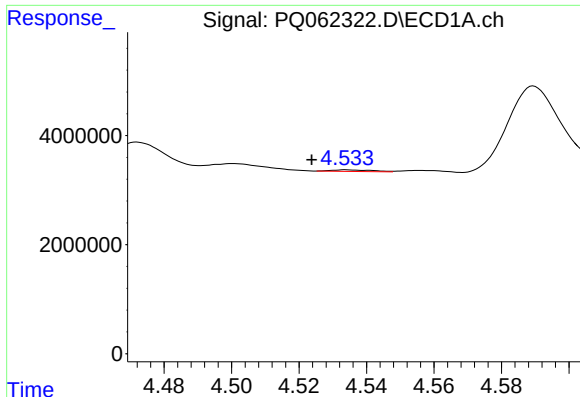
#12 AR-1232-2

R.T.: 4.291 min
Delta R.T.: 0.045 min
Response: 8287754
Conc: 140.11 ng/ml



#12 AR-1232-2

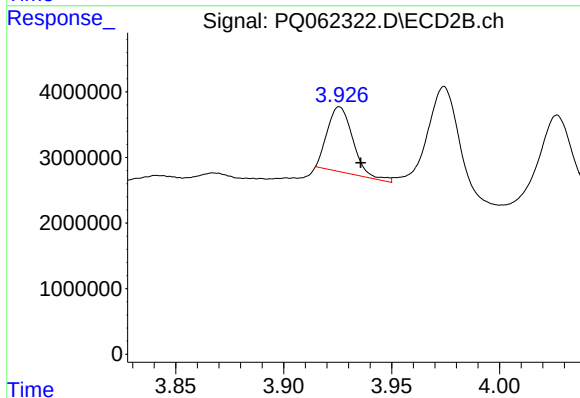
R.T.: 3.756 min
Delta R.T.: -0.020 min
Response: 33317766
Conc: 500.61 ng/ml



#13 AR-1232-3

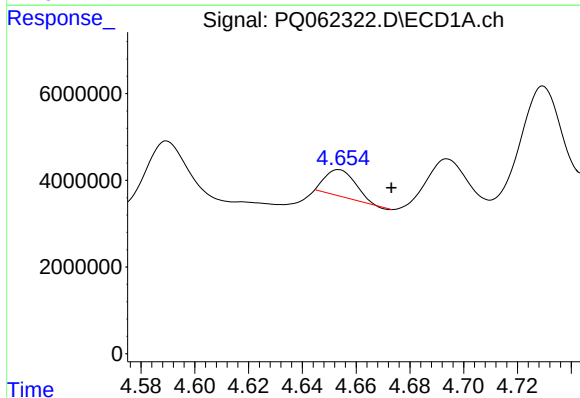
R.T.: 4.534 min
Delta R.T.: 0.010 min
Response: 239818
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



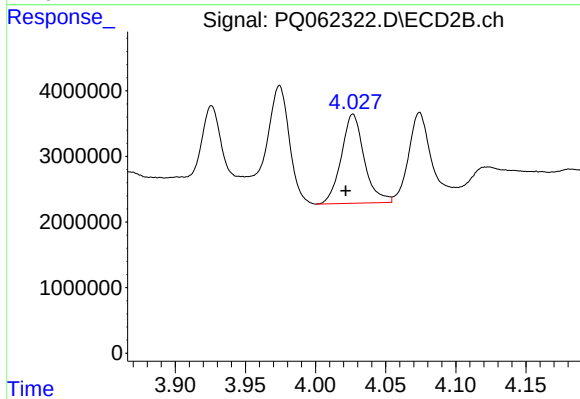
#13 AR-1232-3

R.T.: 3.926 min
Delta R.T.: -0.010 min
Response: 8201229
Conc: 237.34 ng/ml



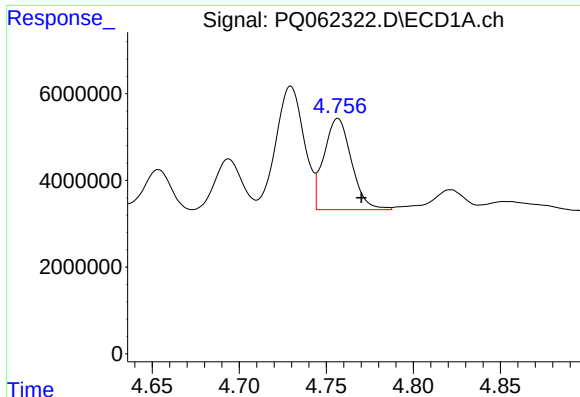
#14 AR-1232-4

R.T.: 4.654 min
Delta R.T.: -0.020 min
Response: 4690578
Conc: 82.78 ng/ml



#14 AR-1232-4

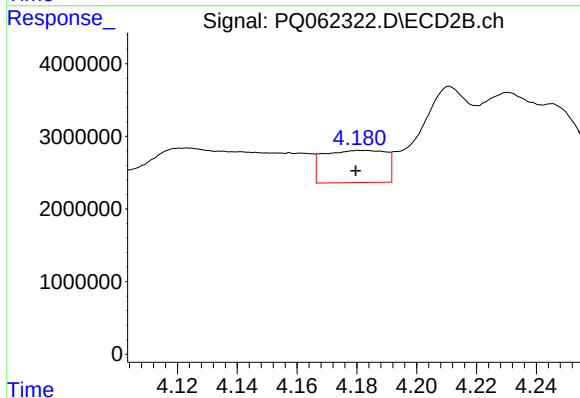
R.T.: 4.027 min
Delta R.T.: 0.005 min
Response: 15472309
Conc: 520.26 ng/ml



#15 AR-1232-5

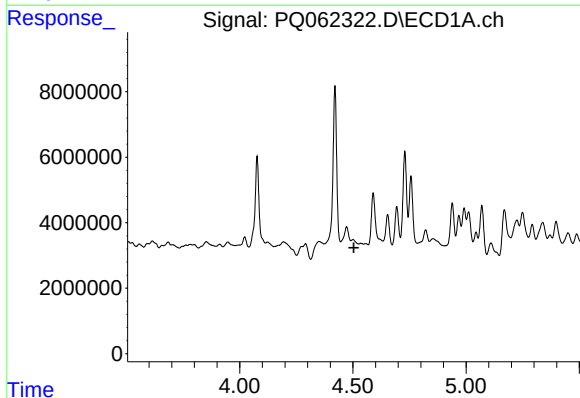
R.T.: 4.757 min
Delta R.T.: -0.014 min
Response: 23205273
Conc: 579.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



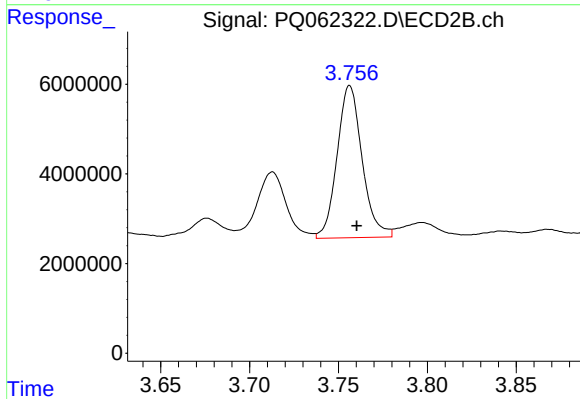
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: 0.001 min
Response: 6408762
Conc: 179.71 ng/ml



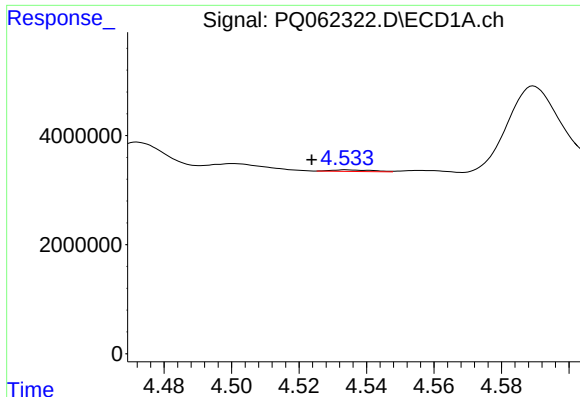
#16 AR-1242-1

R.T.: 4.501 min
Delta R.T.: -0.004 min
Response: -2579573
Conc: N.D.



#16 AR-1242-1

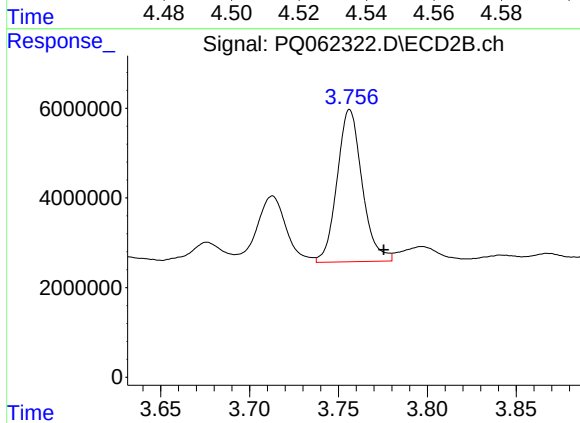
R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 33317766
Conc: 430.80 ng/ml



#17 AR-1242-2

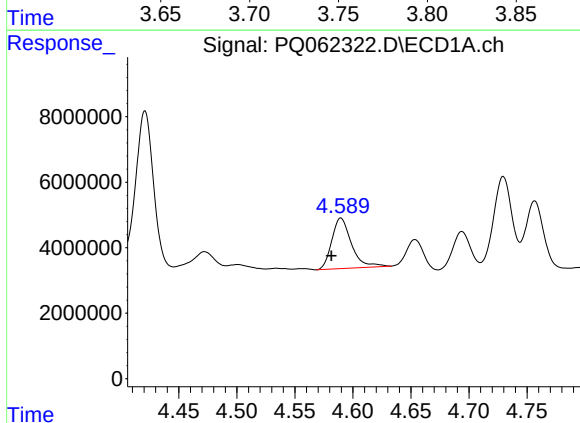
R.T.: 4.534 min
Delta R.T.: 0.010 min
Response: 239818
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



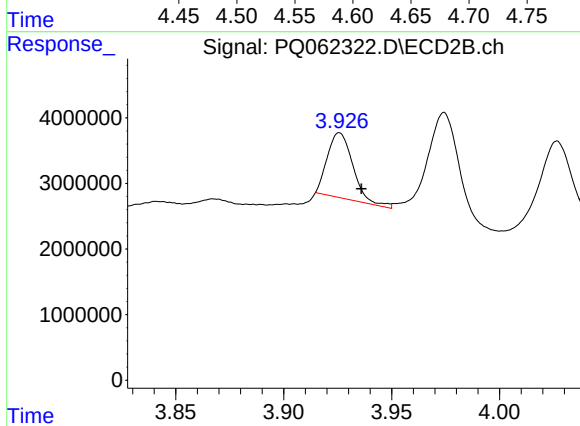
#17 AR-1242-2

R.T.: 3.756 min
Delta R.T.: -0.019 min
Response: 33317766
Conc: 299.73 ng/ml



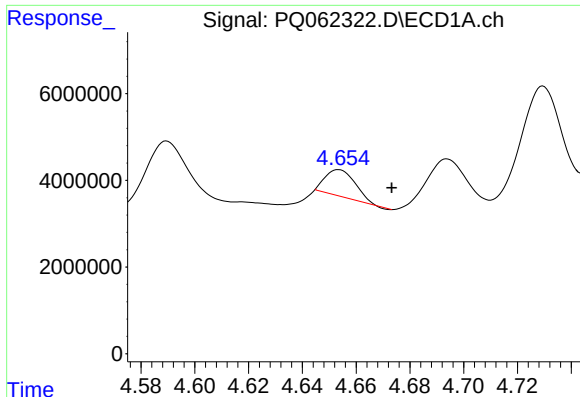
#18 AR-1242-3

R.T.: 4.590 min
Delta R.T.: 0.008 min
Response: 18146463
Conc: 150.16 ng/ml



#18 AR-1242-3

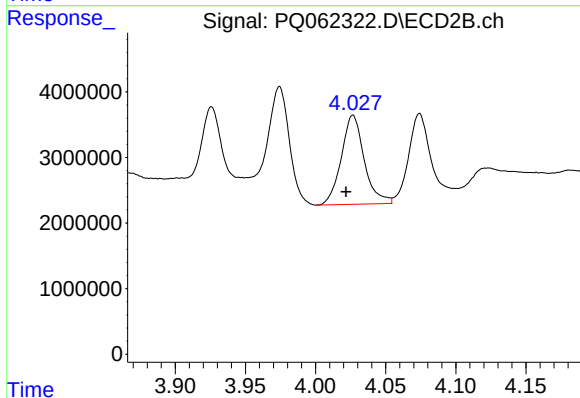
R.T.: 3.926 min
Delta R.T.: -0.010 min
Response: 8201229
Conc: 140.01 ng/ml



#19 AR-1242-4

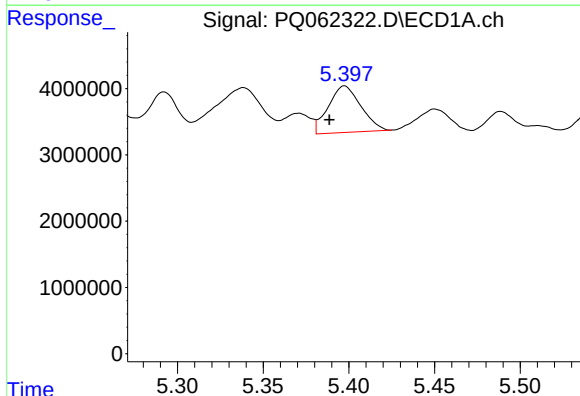
R.T.: 4.654 min
Delta R.T.: -0.020 min
Response: 4690578
Conc: 48.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



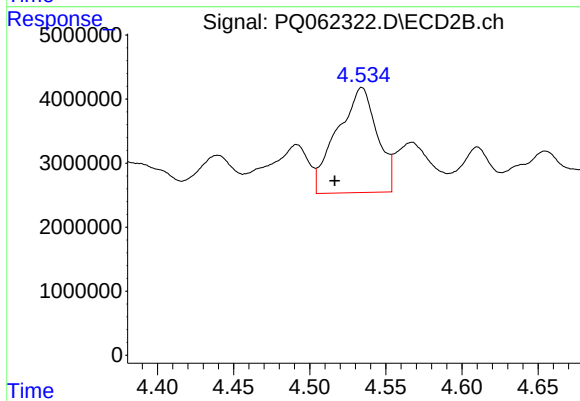
#19 AR-1242-4

R.T.: 4.027 min
Delta R.T.: 0.005 min
Response: 15472309
Conc: 263.91 ng/ml



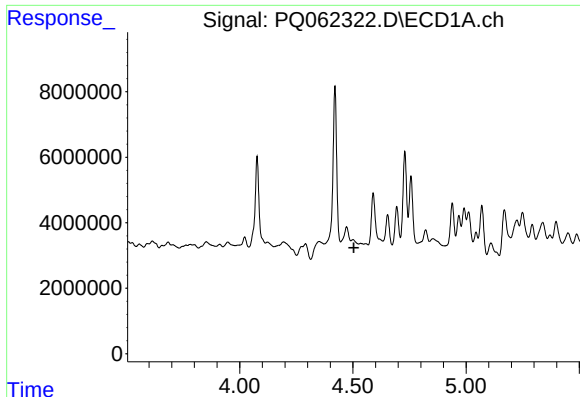
#20 AR-1242-5

R.T.: 5.397 min
Delta R.T.: 0.009 min
Response: 9295228
Conc: 97.10 ng/ml



#20 AR-1242-5

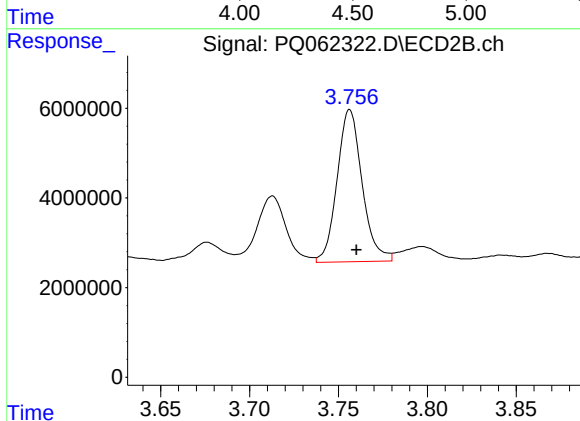
R.T.: 4.534 min
Delta R.T.: 0.018 min
Response: 29927762
Conc: 361.04 ng/ml



#21 AR-1248-1

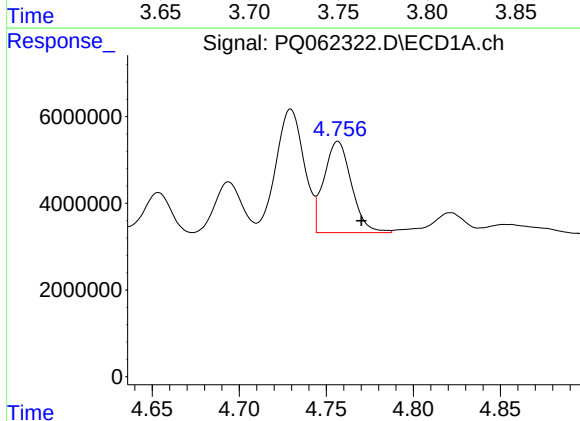
R.T.: 4.501 min
Delta R.T.: -0.004 min
Response: -2579573
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



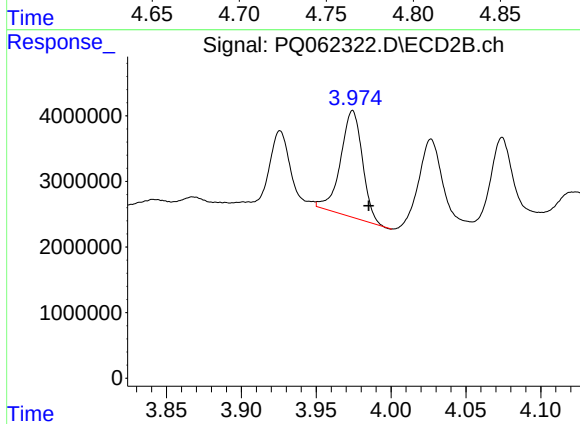
#21 AR-1248-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 33317766
Conc: 532.91 ng/ml



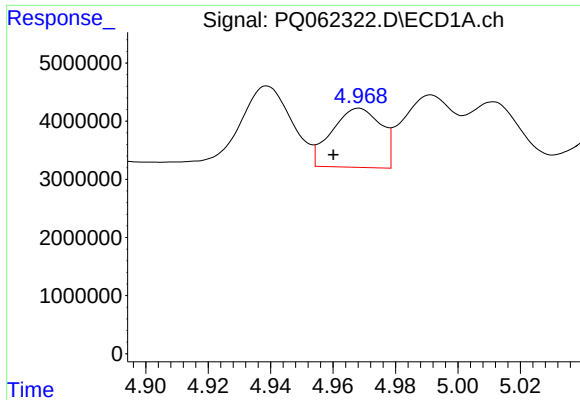
#22 AR-1248-2

R.T.: 4.757 min
Delta R.T.: -0.013 min
Response: 23205273
Conc: 161.53 ng/ml



#22 AR-1248-2

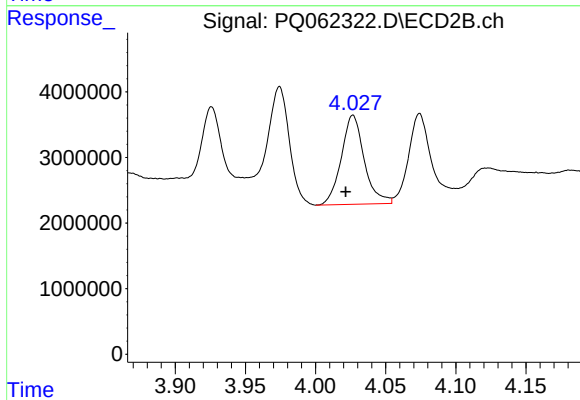
R.T.: 3.974 min
Delta R.T.: -0.011 min
Response: 16667744
Conc: 177.75 ng/ml



#23 AR-1248-3

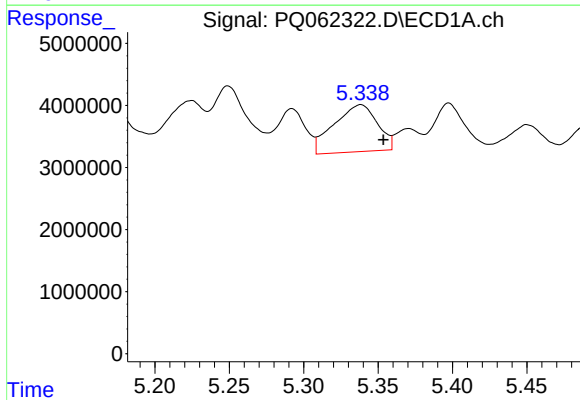
R.T.: 4.968 min
Delta R.T.: 0.008 min
Response: 11142305
Conc: 64.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



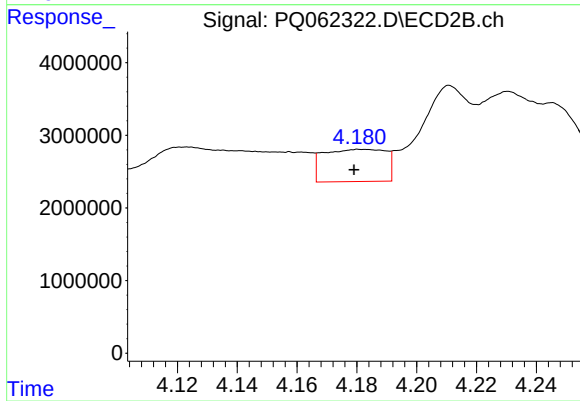
#23 AR-1248-3

R.T.: 4.027 min
Delta R.T.: 0.005 min
Response: 15472309
Conc: 170.88 ng/ml



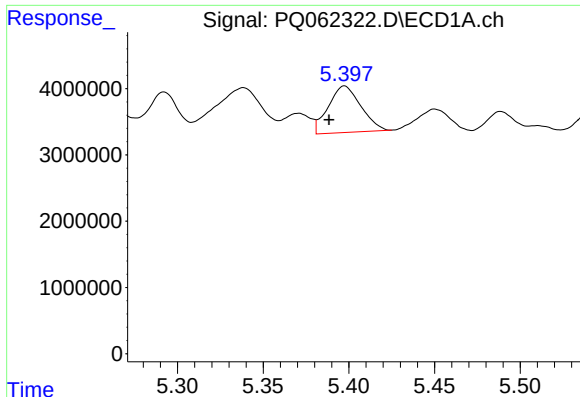
#24 AR-1248-4

R.T.: 5.338 min
Delta R.T.: -0.015 min
Response: 15384043
Conc: 80.15 ng/ml



#24 AR-1248-4

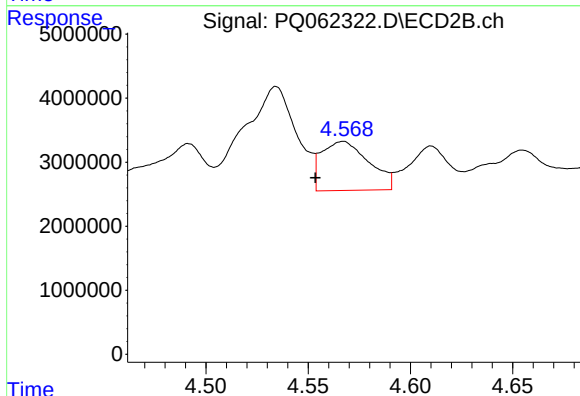
R.T.: 4.181 min
Delta R.T.: 0.002 min
Response: 6408762
Conc: 56.80 ng/ml



#25 AR-1248-5

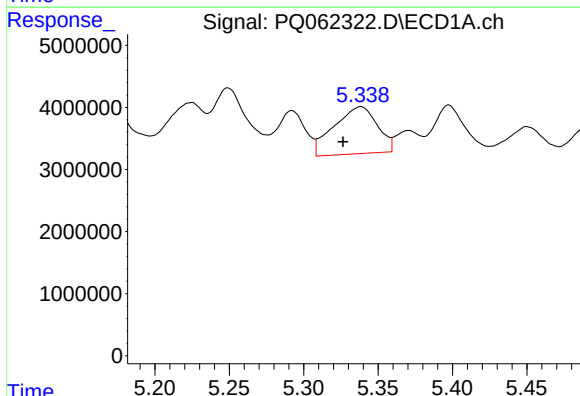
R.T.: 5.397 min
Delta R.T.: 0.009 min
Response: 9295228
Conc: 51.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



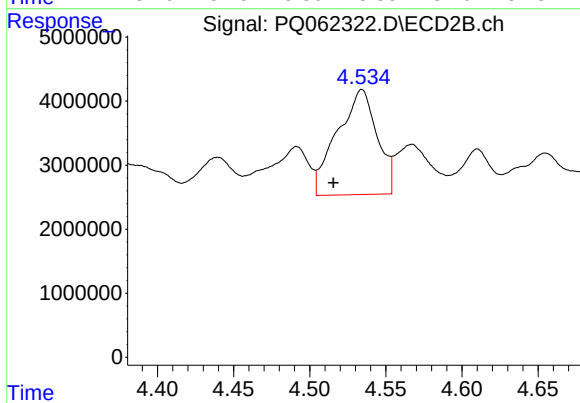
#25 AR-1248-5

R.T.: 4.567 min
Delta R.T.: 0.014 min
Response: 12341740
Conc: 110.16 ng/ml



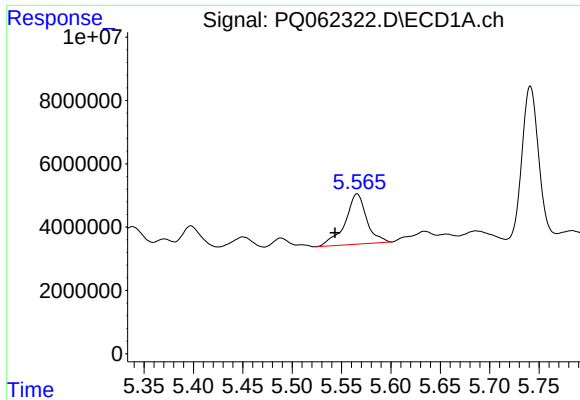
#26 AR-1254-1

R.T.: 5.338 min
Delta R.T.: 0.012 min
Response: 15384043
Conc: 82.79 ng/ml



#26 AR-1254-1

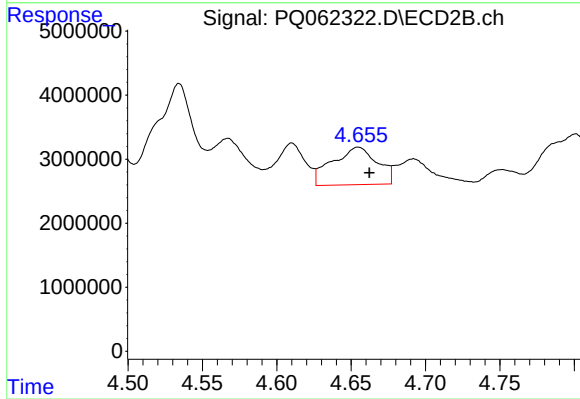
R.T.: 4.534 min
Delta R.T.: 0.019 min
Response: 29927762
Conc: 185.35 ng/ml



#27 AR-1254-2

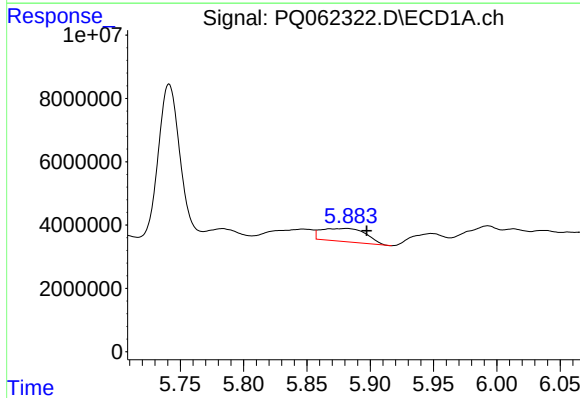
R.T.: 5.566 min
Delta R.T.: 0.022 min
Response: 24141234
Conc: 83.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



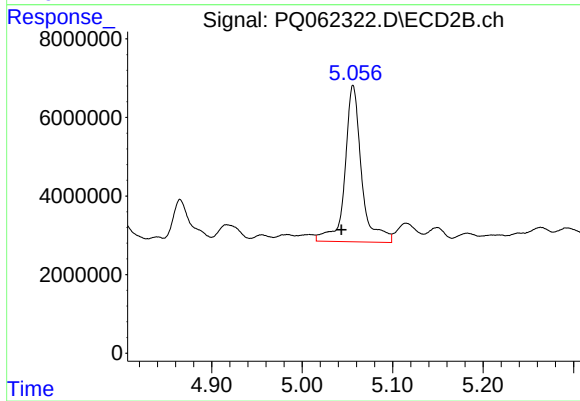
#27 AR-1254-2

R.T.: 4.655 min
Delta R.T.: -0.008 min
Response: 12310953
Conc: 83.62 ng/ml



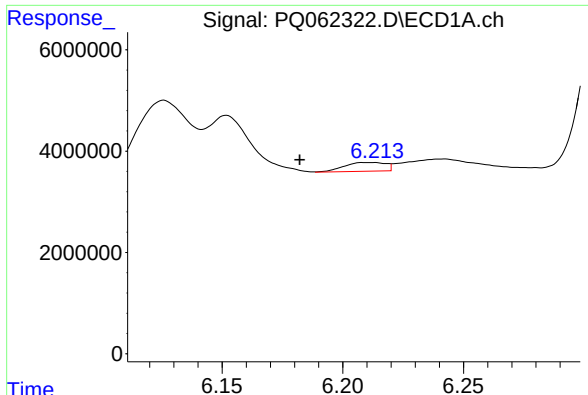
#28 AR-1254-3

R.T.: 5.881 min
Delta R.T.: -0.016 min
Response: 10054300
Conc: 32.74 ng/ml



#28 AR-1254-3

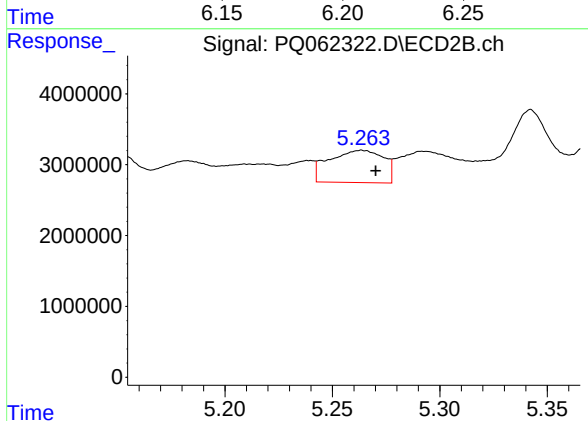
R.T.: 5.056 min
Delta R.T.: 0.013 min
Response: 50820181
Conc: 217.46 ng/ml



#29 AR-1254-4

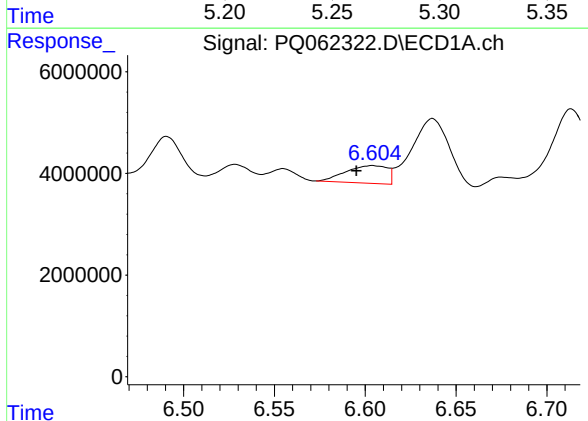
R.T.: 6.211 min
Delta R.T.: 0.029 min
Response: 2060286
Conc: 8.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



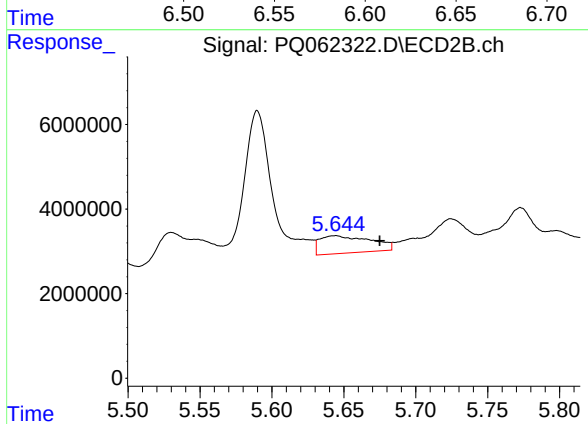
#29 AR-1254-4

R.T.: 5.264 min
Delta R.T.: -0.007 min
Response: 8033164
Conc: 52.71 ng/ml



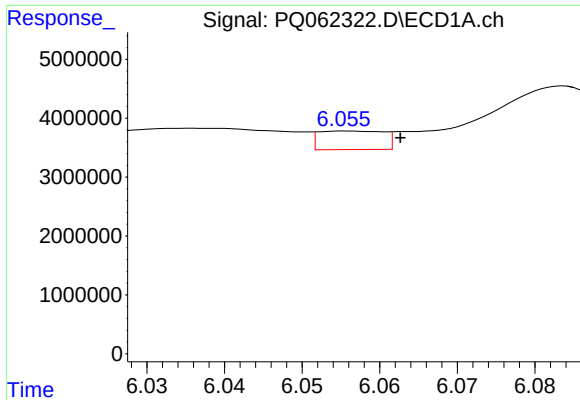
#30 AR-1254-5

R.T.: 6.604 min
Delta R.T.: 0.009 min
Response: 5551371
Conc: 21.61 ng/ml



#30 AR-1254-5

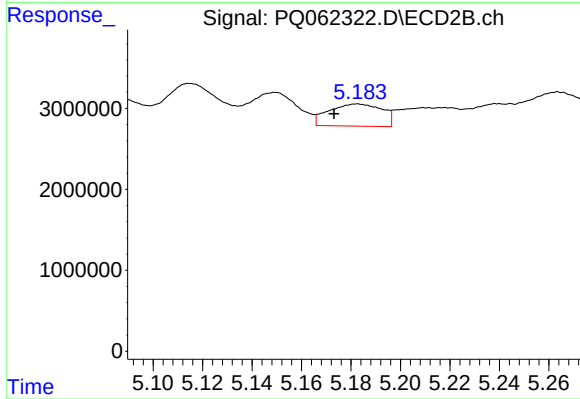
R.T.: 5.644 min
Delta R.T.: -0.031 min
Response: 10172600
Conc: 44.08 ng/ml



#31 AR-1260-1

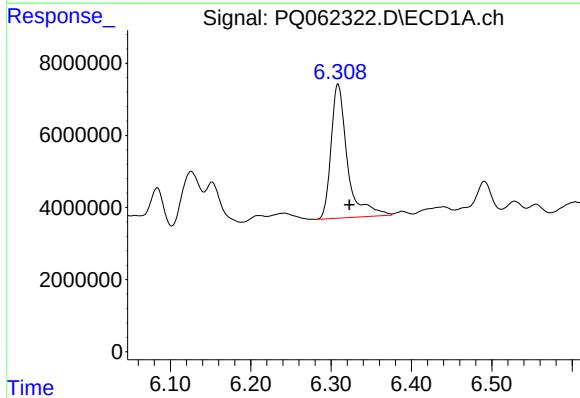
R.T.: 6.056 min
Delta R.T.: -0.007 min
Response: 1838160
Conc: 7.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



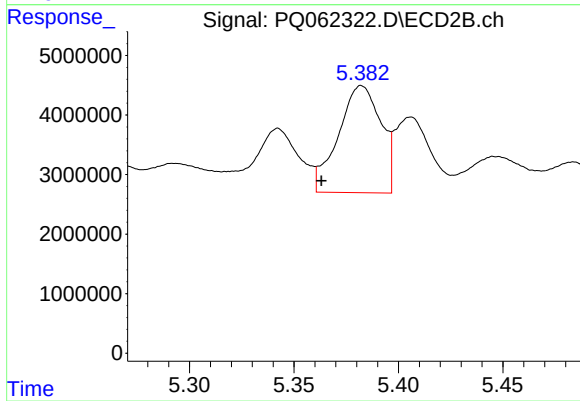
#31 AR-1260-1

R.T.: 5.183 min
Delta R.T.: 0.010 min
Response: 4093907
Conc: 24.58 ng/ml



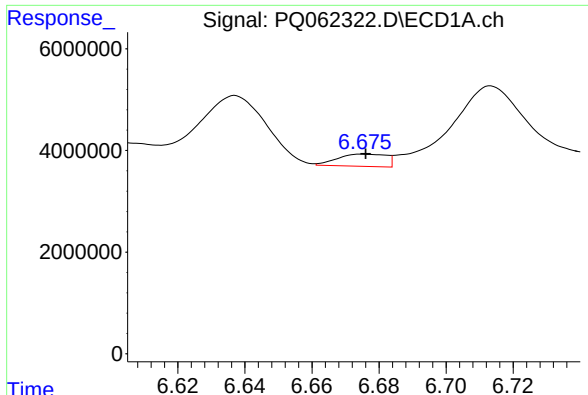
#32 AR-1260-2

R.T.: 6.309 min
Delta R.T.: -0.014 min
Response: 52541492
Conc: 181.92 ng/ml



#32 AR-1260-2

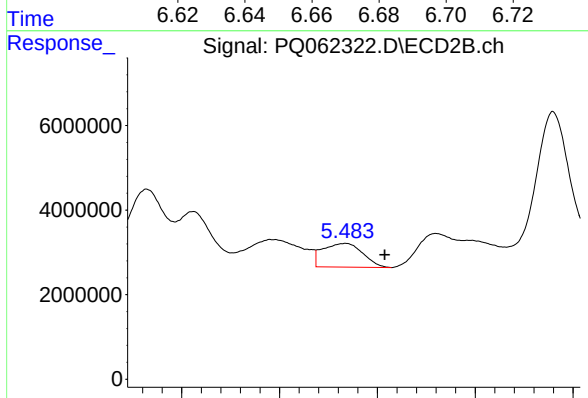
R.T.: 5.382 min
Delta R.T.: 0.019 min
Response: 25479514
Conc: 122.53 ng/ml



#33 AR-1260-3

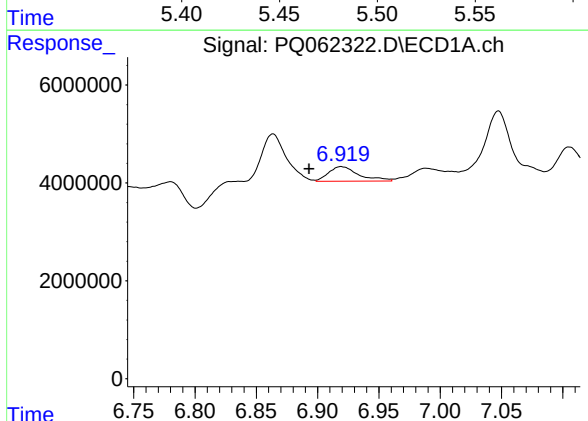
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 2432854
Conc: 13.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



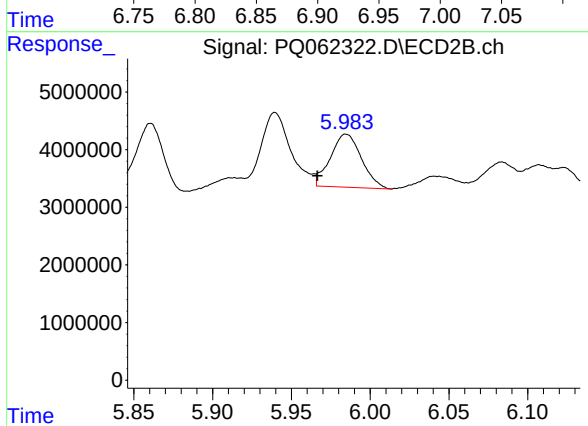
#33 AR-1260-3

R.T.: 5.484 min
Delta R.T.: -0.020 min
Response: 8004086
Conc: 41.14 ng/ml



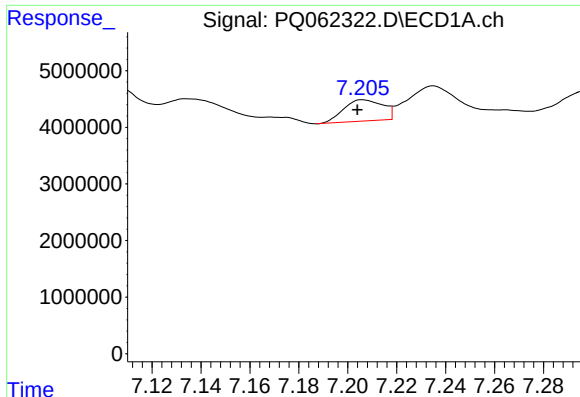
#34 AR-1260-4

R.T.: 6.919 min
Delta R.T.: 0.026 min
Response: 5086279
Conc: 24.15 ng/ml



#34 AR-1260-4

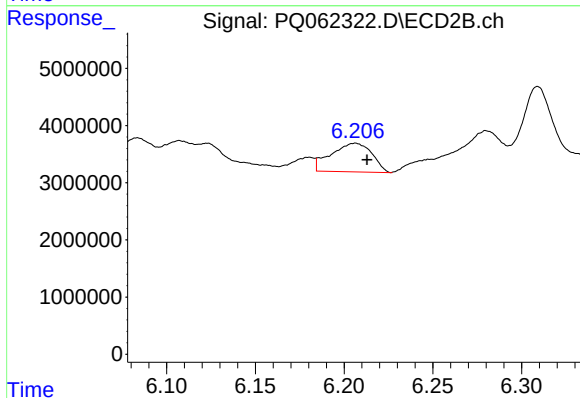
R.T.: 5.985 min
Delta R.T.: 0.018 min
Response: 12646434
Conc: 86.70 ng/ml



#35 AR-1260-5

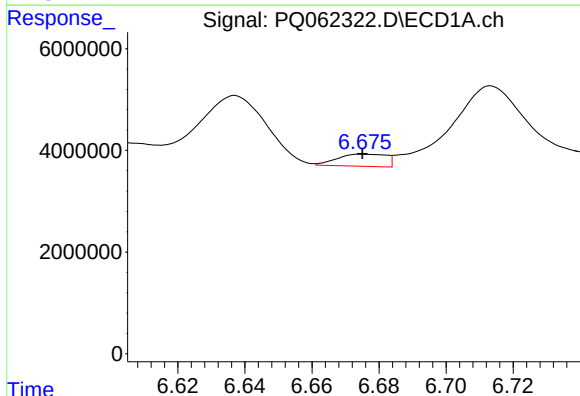
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 4164905
Conc: 10.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



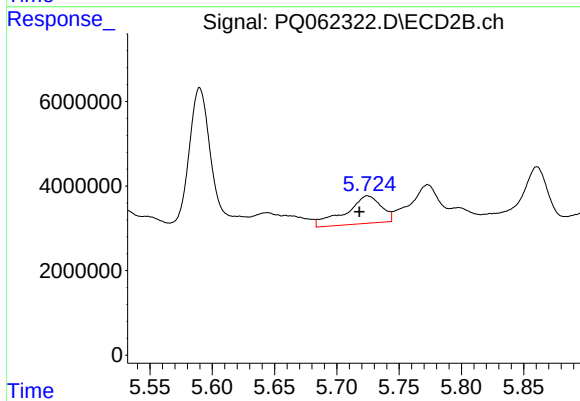
#35 AR-1260-5

R.T.: 6.206 min
Delta R.T.: -0.007 min
Response: 8017904
Conc: 24.15 ng/ml



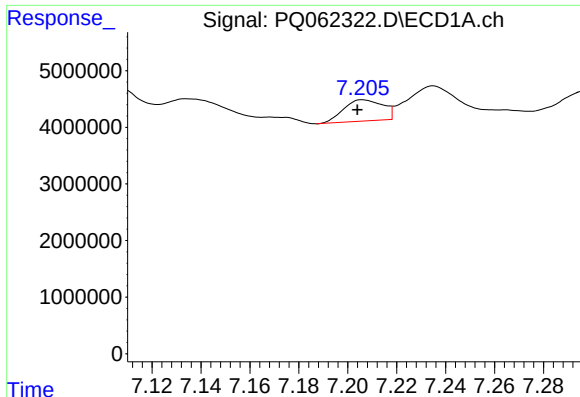
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 2432854
Conc: 7.98 ng/ml



#36 AR-1262-1

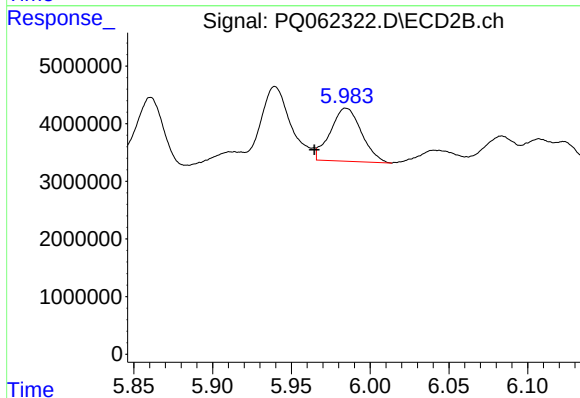
R.T.: 5.725 min
Delta R.T.: 0.006 min
Response: 12999540
Conc: 55.92 ng/ml



#37 AR-1262-2

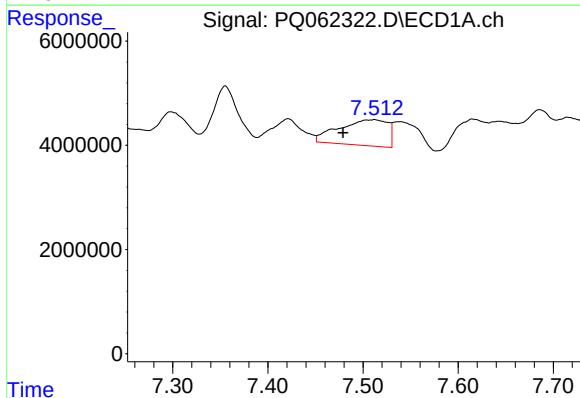
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 4164905
Conc: 7.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



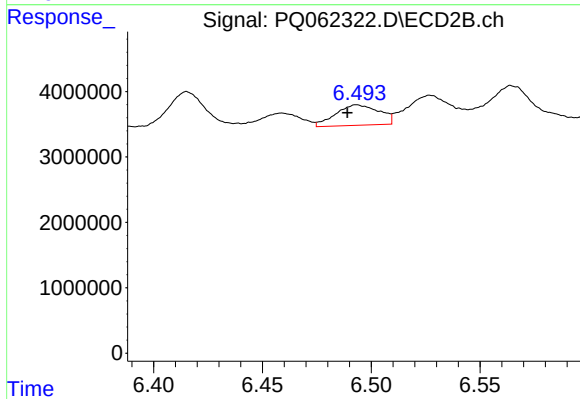
#37 AR-1262-2

R.T.: 5.985 min
Delta R.T.: 0.020 min
Response: 12646434
Conc: 58.49 ng/ml



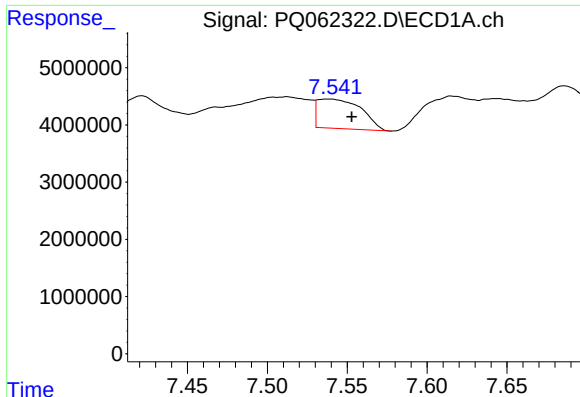
#38 AR-1262-3

R.T.: 7.512 min
Delta R.T.: 0.033 min
Response: 17778668
Conc: 50.46 ng/ml



#38 AR-1262-3

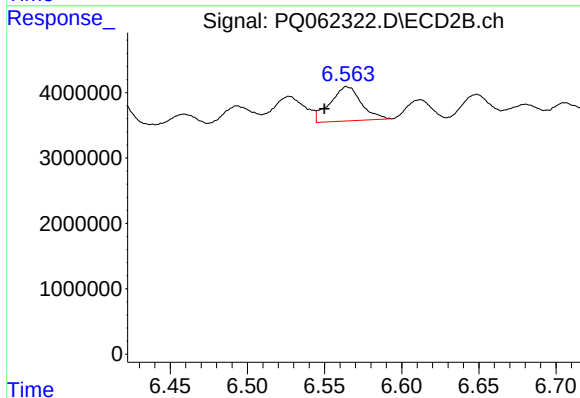
R.T.: 6.493 min
Delta R.T.: 0.004 min
Response: 4334482
Conc: 24.86 ng/ml



#39 AR-1262-4

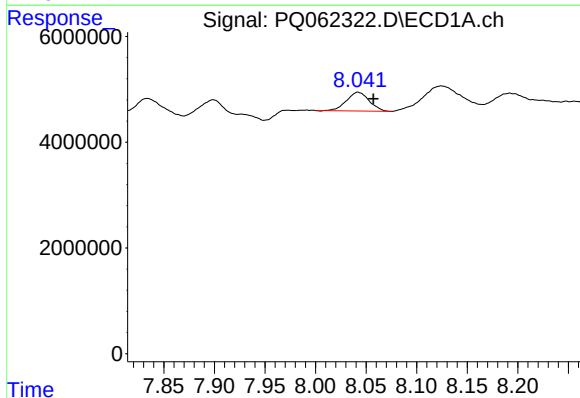
R.T.: 7.538 min
Delta R.T.: -0.014 min
Response: 9746061
Conc: 36.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



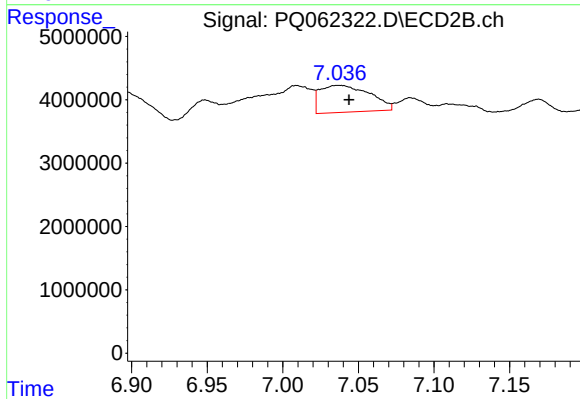
#39 AR-1262-4

R.T.: 6.565 min
Delta R.T.: 0.015 min
Response: 7378182
Conc: 22.89 ng/ml



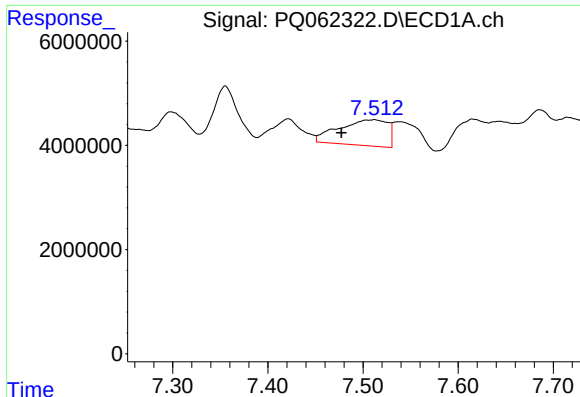
#40 AR-1262-5

R.T.: 8.042 min
Delta R.T.: -0.015 min
Response: 5585772
Conc: 31.47 ng/ml



#40 AR-1262-5

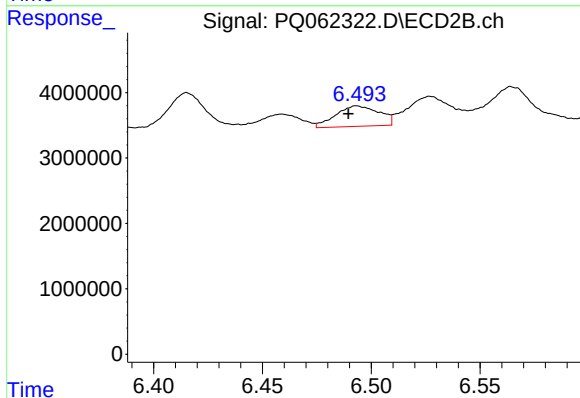
R.T.: 7.037 min
Delta R.T.: -0.007 min
Response: 9743642
Conc: 62.82 ng/ml



#41 AR-1268-1

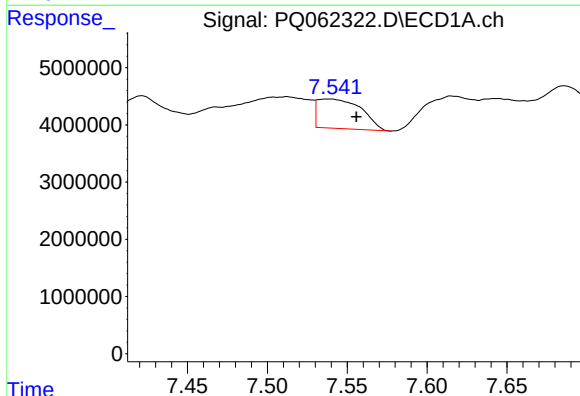
R.T.: 7.512 min
Delta R.T.: 0.035 min
Response: 17778668
Conc: 31.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



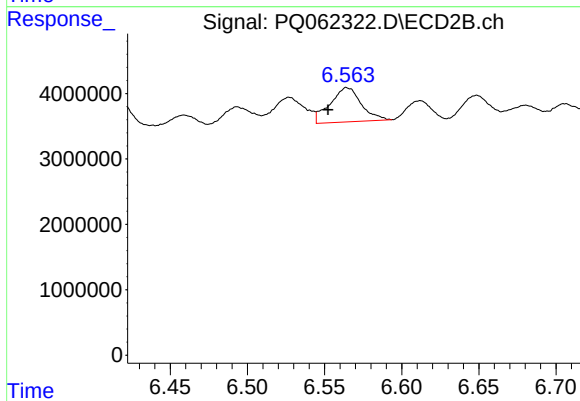
#41 AR-1268-1

R.T.: 6.493 min
Delta R.T.: 0.004 min
Response: 4334482
Conc: 9.21 ng/ml



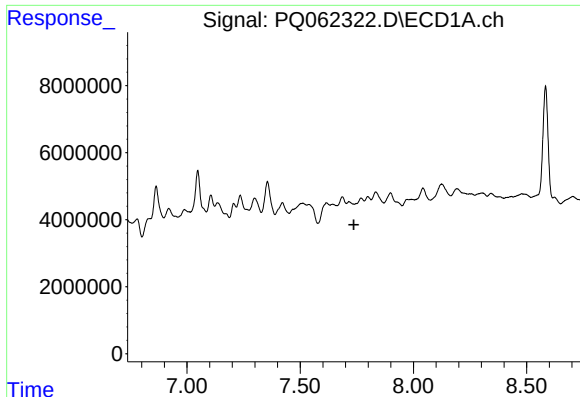
#42 AR-1268-2

R.T.: 7.538 min
Delta R.T.: -0.017 min
Response: 9746061
Conc: 19.11 ng/ml



#42 AR-1268-2

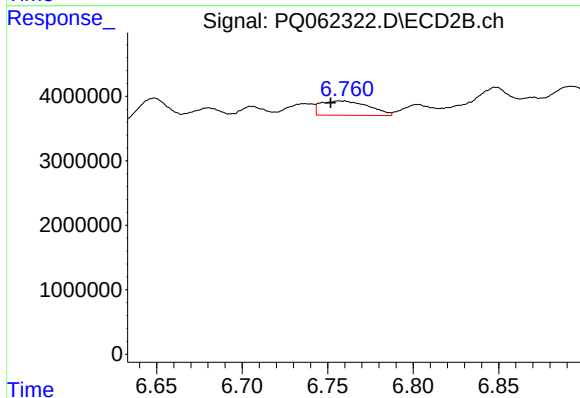
R.T.: 6.565 min
Delta R.T.: 0.012 min
Response: 7378182
Conc: 17.41 ng/ml



#43 AR-1268-3

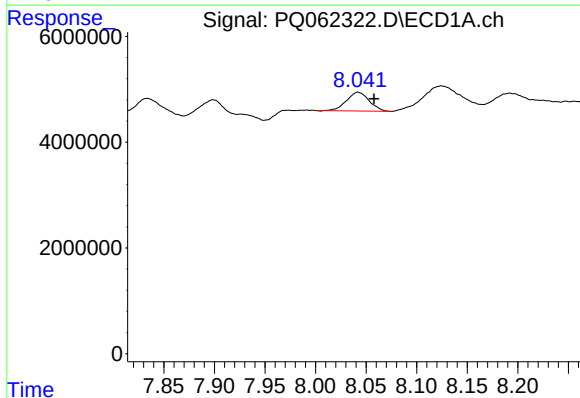
R.T.: 7.715 min
Delta R.T.: -0.022 min
Response: -659699
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



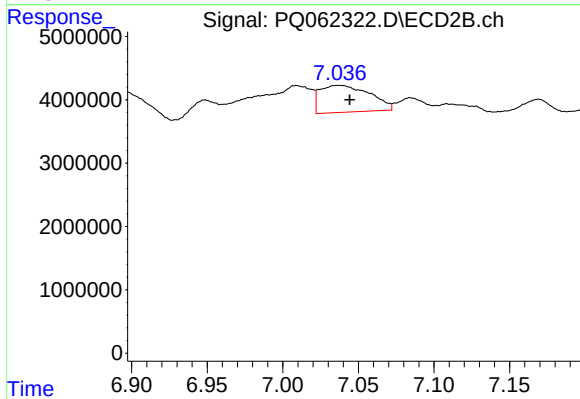
#43 AR-1268-3

R.T.: 6.757 min
Delta R.T.: 0.005 min
Response: 4320940
Conc: 11.73 ng/ml



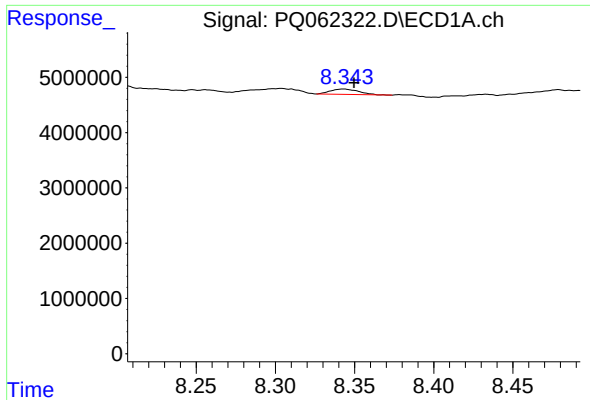
#44 AR-1268-4

R.T.: 8.042 min
Delta R.T.: -0.016 min
Response: 5585772
Conc: 30.53 ng/ml



#44 AR-1268-4

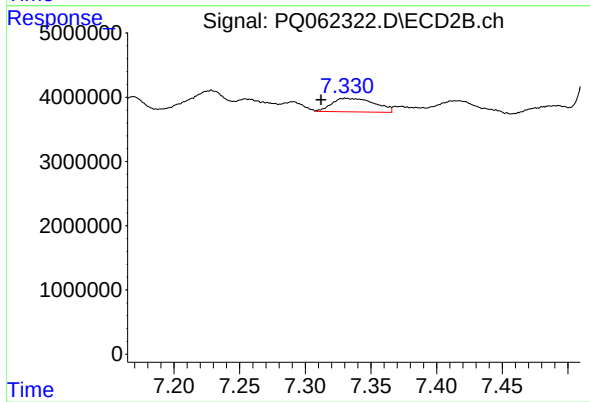
R.T.: 7.037 min
Delta R.T.: -0.007 min
Response: 9743642
Conc: 60.92 ng/ml



#45 AR-1268-5

R.T.: 8.343 min
Delta R.T.: -0.007 min
Response: 1213727
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.331 min
Delta R.T.: 0.019 min
Response: 4765699
Conc: 4.08 ng/ml