

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073123\
 Data File : PQ062794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2023 14:36
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 01:40:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 27 01:22:50 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...	3.403	2.753	197.9E6	178.1E6	43.910	58.529 #
2)	SA Decachlor...	8.587	7.523	164.7E6	155.5E6	44.625	47.806
Target Compounds							
3)	L1 AR-1016-1	4.505	3.755	1144312	1928338	7.775	19.473 #
4)	L1 AR-1016-2	4.525	3.770	2103219	1523068	9.243	10.286
5)	L1 AR-1016-3	4.583	3.930	1342701	1338282	9.512	16.967 #
6)	L1 AR-1016-4	4.672	3.979	1159088	37911205	10.037	578.032 #
7)	L1 AR-1016-5	4.961	4.173	26968768	26811496	232.631	333.140 #
8)	L2 AR-1221-1	3.617	2.973	263143	44286	4.618	1.075 #
9)	L2 AR-1221-2	3.681	3.021	2733110	2773322	68.923	90.666 #
10)	L2 AR-1221-3	3.752	3.098	746786	1075000	5.548	11.021 #
11)	L3 AR-1232-1	3.752	3.098	746786	1075000	6.637	13.621 #
12)	L3 AR-1232-2	4.246	3.770	962859	1523068	16.776	21.899 #
13)	L3 AR-1232-3	4.525	3.930	2103219	1338282	20.602	37.859 #
14)	L3 AR-1232-4	4.672	4.014	1159088	12358044	22.376	410.189 #
15)	L3 AR-1232-5	4.770	4.173	43992142	26811496	1157.918	724.310 #
16)	L4 AR-1242-1	4.505	3.755	1144312	1928338	8.868	21.524 #
17)	L4 AR-1242-2	4.525	3.770	2103219	1523068	10.451	11.562
18)	L4 AR-1242-3	4.583	3.930	1342701	1338282	10.655	19.212 #
19)	L4 AR-1242-4	4.672	4.014	1159088	12358044	11.198	192.374 #
20)	L4 AR-1242-5	5.393	4.509	18794904	86963397	167.519	1057.901 #
21)	L5 AR-1248-1	4.505	3.755	1144312	1928338	11.681	28.786 #
22)	L5 AR-1248-2	4.770	3.979	43992142	37911205	319.855	403.971 #
23)	L5 AR-1248-3	4.961	4.014	26968768	12358044	160.753	137.985
24)	L5 AR-1248-4	5.354	4.173	39523234	26811496	207.803	241.849
25)	L5 AR-1248-5	5.393	4.547	18794904	12659385	100.386	113.941
26)	L6 AR-1254-1	5.327	4.509	78550790	86963397	405.809	524.598 #
27)	L6 AR-1254-2	5.544	4.656	123.6E6	74707078	403.337	515.975 #
28)	L6 AR-1254-3	5.898	5.037	133.4E6	114.0E6	408.081	502.669
29)	L6 AR-1254-4	6.183	5.264	102.9E6	75634676	422.547	510.966
30)	L6 AR-1254-5	6.596	5.670	106.1E6	103.8E6	406.691	496.133
31)	L7 AR-1260-1	6.064	5.167	50914899	57032701	219.931	370.127 #
32)	L7 AR-1260-2	6.323	5.357	57927672	48482905	206.194	258.660 #
33)	L7 AR-1260-3	6.677	5.493	3726456	47958651	18.527	268.996 #
34)	L7 AR-1260-4	6.873	5.960	42345569	5177701	184.291	34.749 #
35)	L7 AR-1260-5	7.207	6.207	14666824	16530143	31.808	49.101 #
36)	L8 AR-1262-1	6.677	5.732	3726456	8967658	12.059	41.746 #
37)	L8 AR-1262-2	7.207	5.960	14666824	5177701	27.028	26.146
38)	L8 AR-1262-3	7.487	6.484	12245928	1175867	33.596	7.208 #
39)	L8 AR-1262-4	7.579	6.539	2284937	12795434	8.188	42.696 #
40)	L8 AR-1262-5	8.061	7.042	1130991	758926	6.062	5.044
41)	L9 AR-1268-1	7.487	6.484	12245928	1175867	19.290	2.480 #

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 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

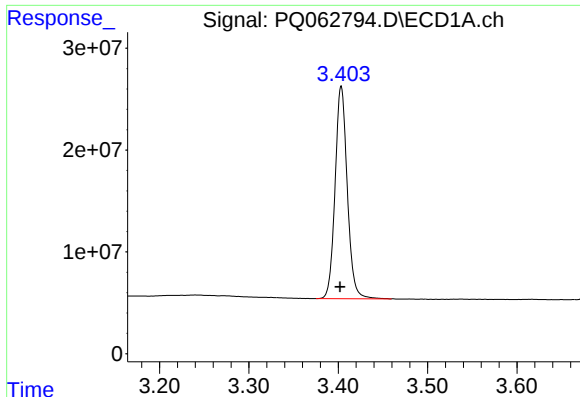
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 01:40:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072623.M
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 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	7.579	6.539	2284937	12795434	3.961	29.565 #
43) L9	AR-1268-3	7.738	6.747	1116854	905004	2.312	2.379
44) L9	AR-1268-4	8.061	7.042	1130991	758926	5.368	4.559
45) L9	AR-1268-5	8.353	7.309	1354478	2058753	0.938	1.672 #

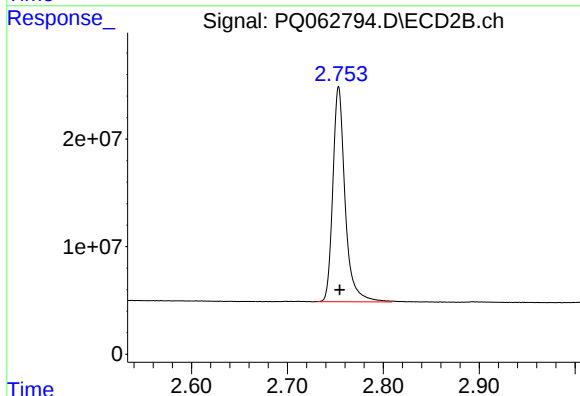
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

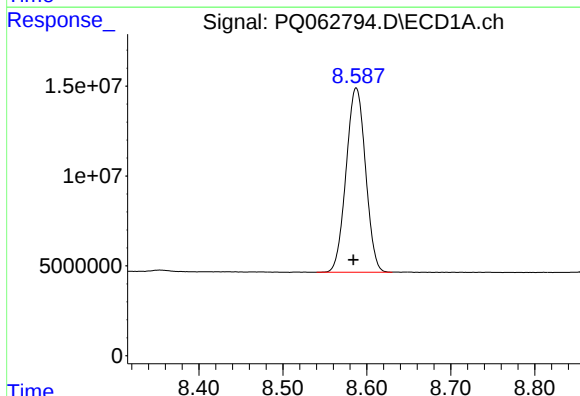
R.T.: 3.403 min
Delta R.T.: 0.001 min
Response: 197949238
Conc: 43.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



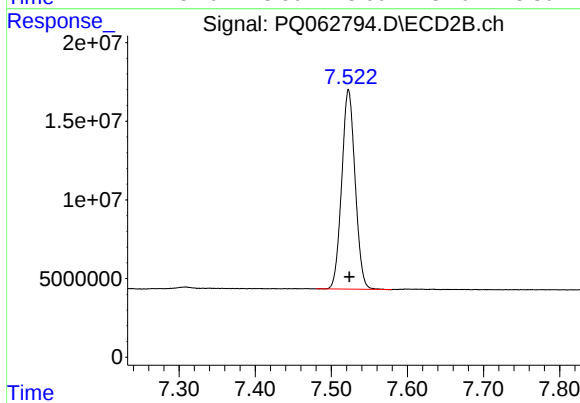
#1 Tetrachloro-m-xylene

R.T.: 2.753 min
Delta R.T.: -0.001 min
Response: 178109165
Conc: 58.53 ng/ml



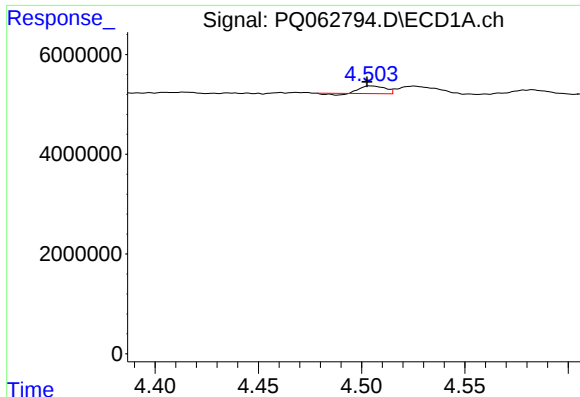
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 164662728
Conc: 44.63 ng/ml



#2 Decachlorobiphenyl

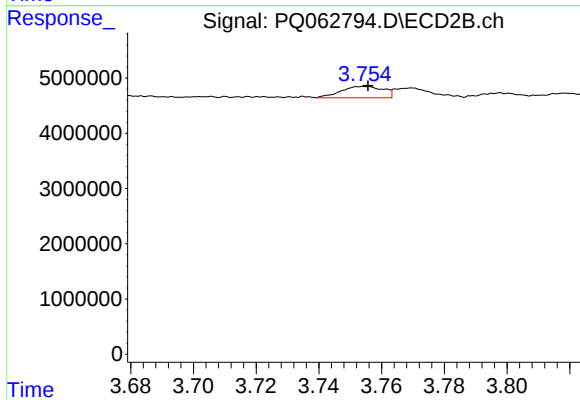
R.T.: 7.523 min
Delta R.T.: -0.001 min
Response: 155476348
Conc: 47.81 ng/ml



#3 AR-1016-1

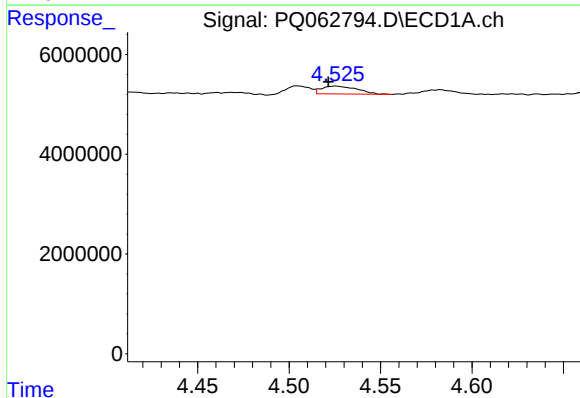
R.T.: 4.505 min
Delta R.T.: 0.002 min
Response: 1144312
Conc: 7.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



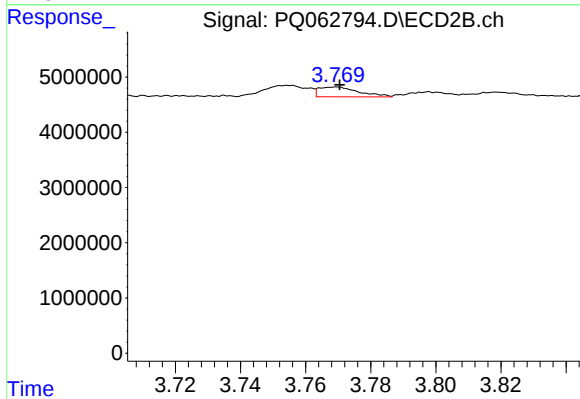
#3 AR-1016-1

R.T.: 3.755 min
Delta R.T.: -0.001 min
Response: 1928338
Conc: 19.47 ng/ml



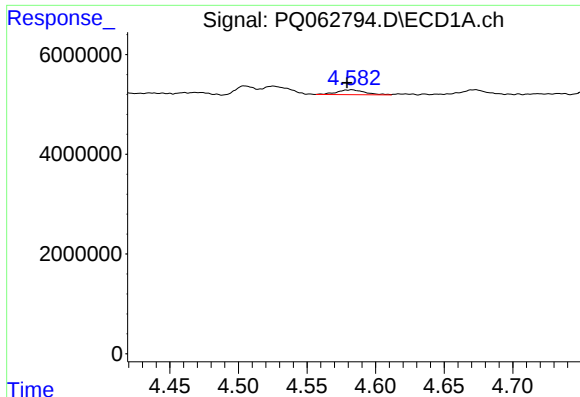
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.004 min
Response: 2103219
Conc: 9.24 ng/ml



#4 AR-1016-2

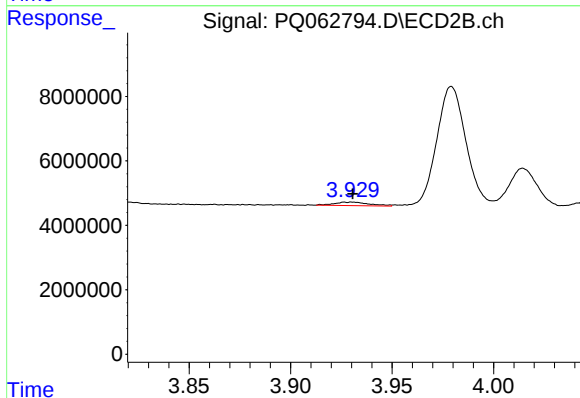
R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 1523068
Conc: 10.29 ng/ml



#5 AR-1016-3

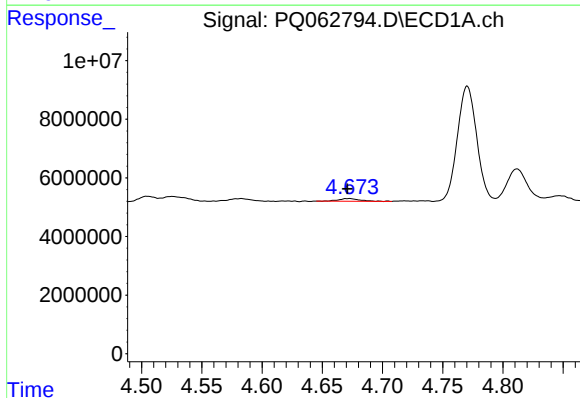
R.T.: 4.583 min
Delta R.T.: 0.003 min
Response: 1342701
Conc: 9.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



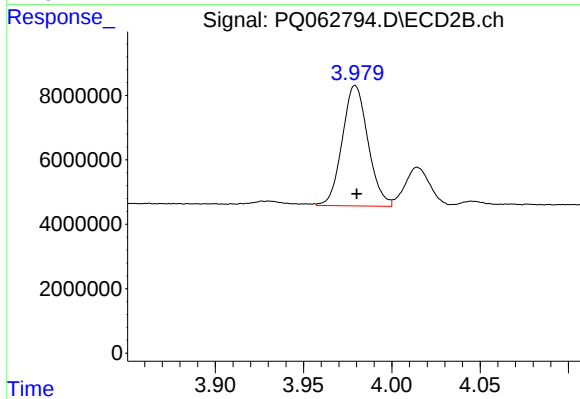
#5 AR-1016-3

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 1338282
Conc: 16.97 ng/ml



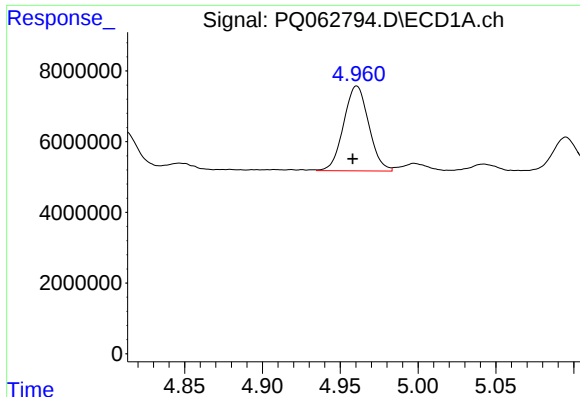
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: 0.001 min
Response: 1159088
Conc: 10.04 ng/ml



#6 AR-1016-4

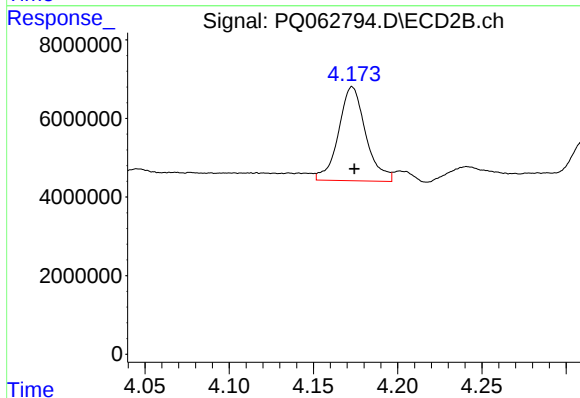
R.T.: 3.979 min
Delta R.T.: 0.000 min
Response: 37911205
Conc: 578.03 ng/ml



#7 AR-1016-5

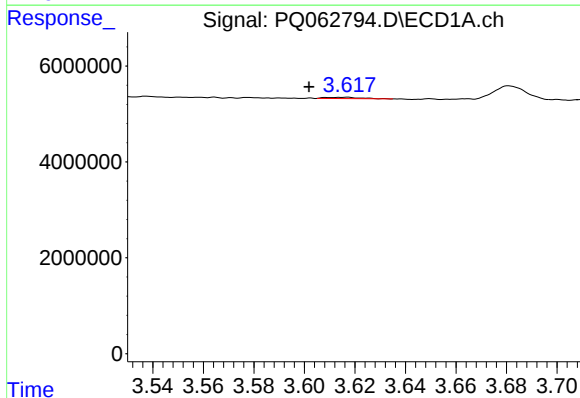
R.T.: 4.961 min
Delta R.T.: 0.003 min
Response: 26968768
Conc: 232.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



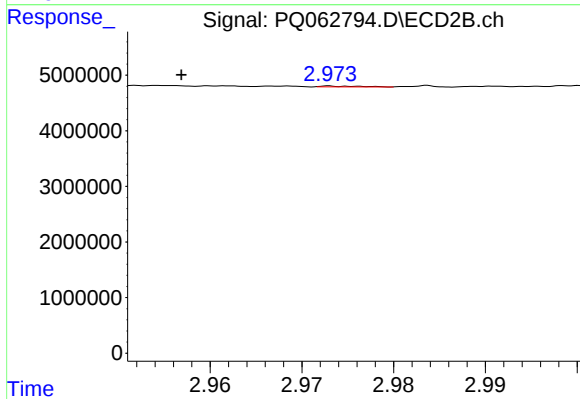
#7 AR-1016-5

R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 26811496
Conc: 333.14 ng/ml



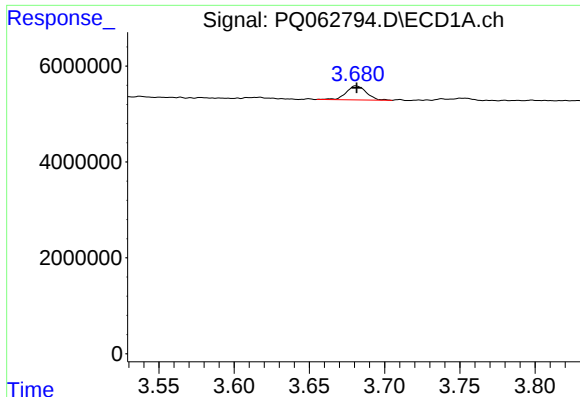
#8 AR-1221-1

R.T.: 3.617 min
Delta R.T.: 0.015 min
Response: 263143
Conc: 4.62 ng/ml



#8 AR-1221-1

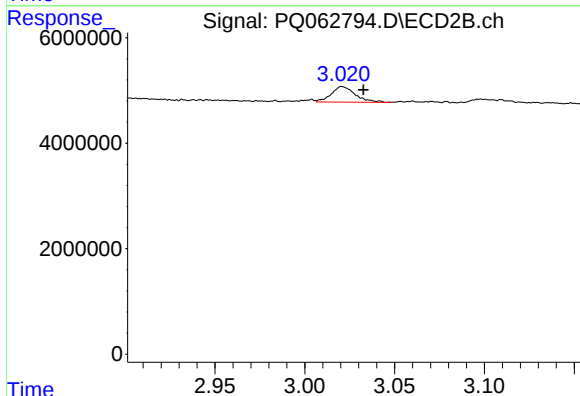
R.T.: 2.973 min
Delta R.T.: 0.017 min
Response: 44286
Conc: 1.08 ng/ml



#9 AR-1221-2

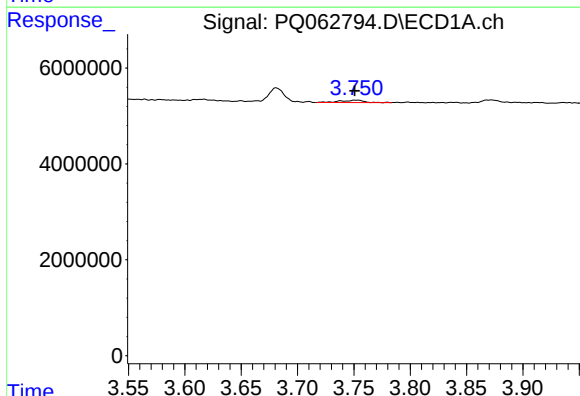
R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 2733110
Conc: 68.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



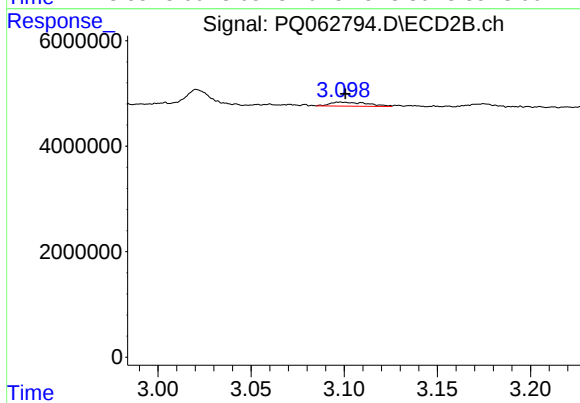
#9 AR-1221-2

R.T.: 3.021 min
Delta R.T.: -0.012 min
Response: 2773322
Conc: 90.67 ng/ml



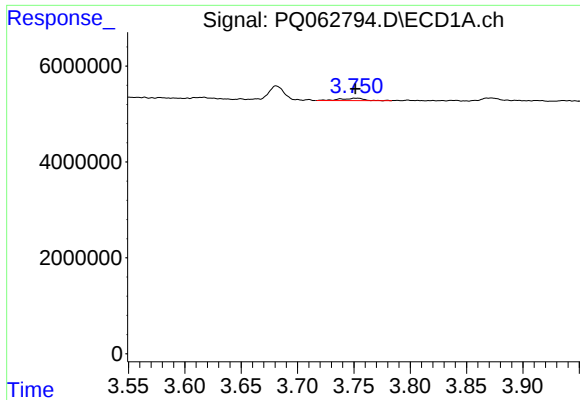
#10 AR-1221-3

R.T.: 3.752 min
Delta R.T.: 0.001 min
Response: 746786
Conc: 5.55 ng/ml



#10 AR-1221-3

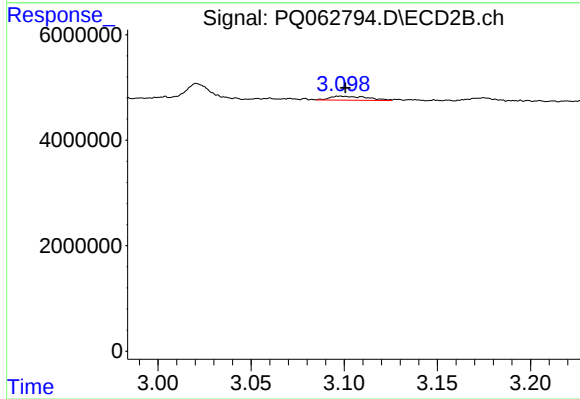
R.T.: 3.098 min
Delta R.T.: -0.003 min
Response: 1075000
Conc: 11.02 ng/ml



#11 AR-1232-1

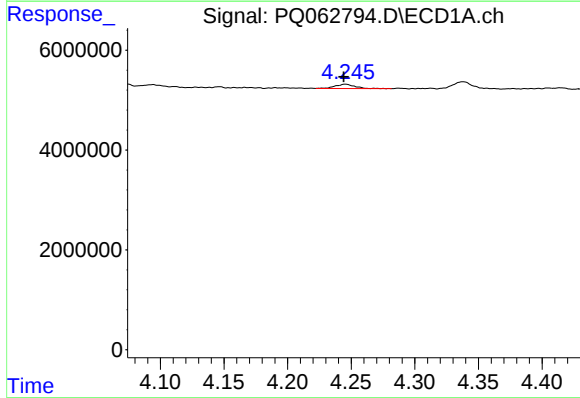
R.T.: 3.752 min
Delta R.T.: 0.000 min
Response: 746786
Conc: 6.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



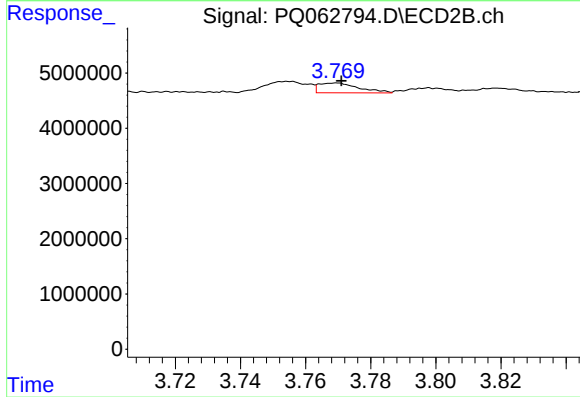
#11 AR-1232-1

R.T.: 3.098 min
Delta R.T.: -0.003 min
Response: 1075000
Conc: 13.62 ng/ml



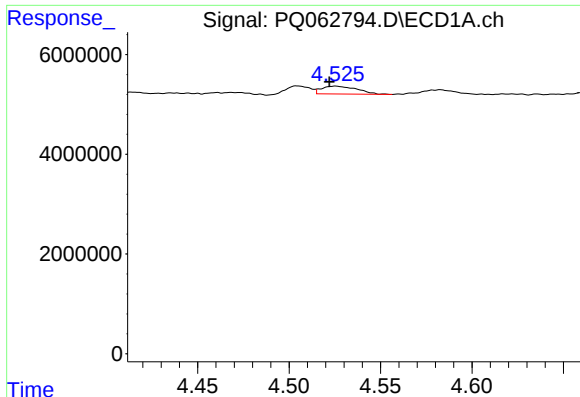
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.001 min
Response: 962859
Conc: 16.78 ng/ml



#12 AR-1232-2

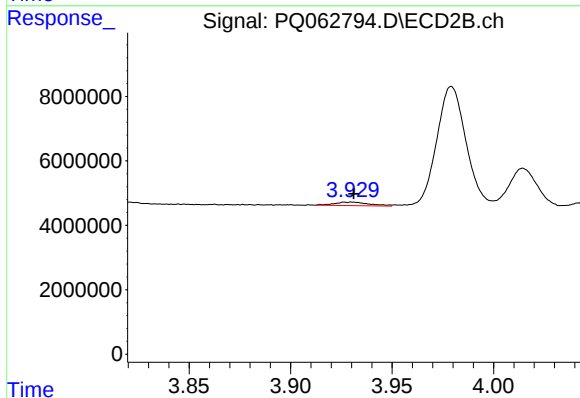
R.T.: 3.770 min
Delta R.T.: -0.001 min
Response: 1523068
Conc: 21.90 ng/ml



#13 AR-1232-3

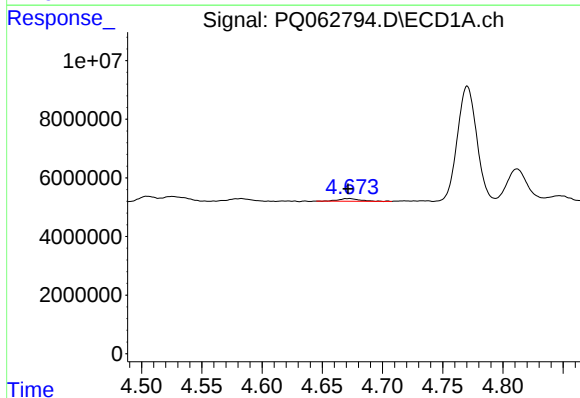
R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 2103219
Conc: 20.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



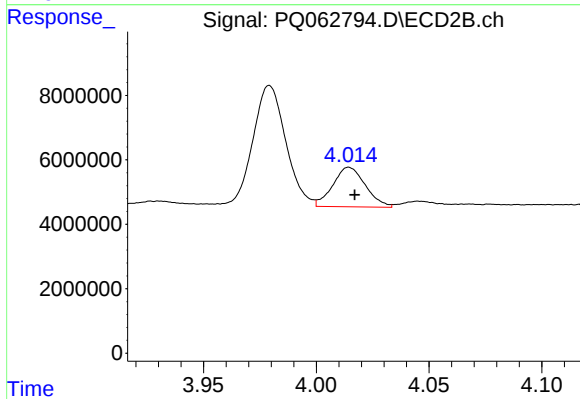
#13 AR-1232-3

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 1338282
Conc: 37.86 ng/ml



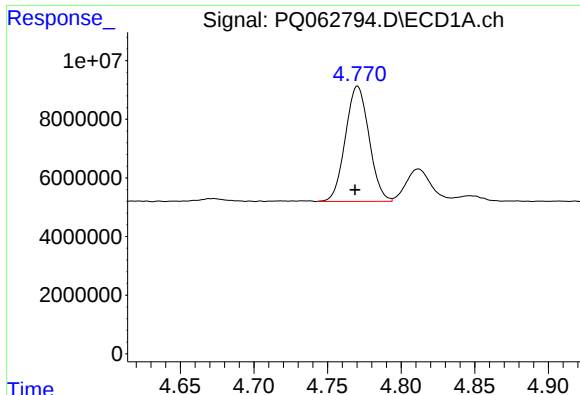
#14 AR-1232-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1159088
Conc: 22.38 ng/ml



#14 AR-1232-4

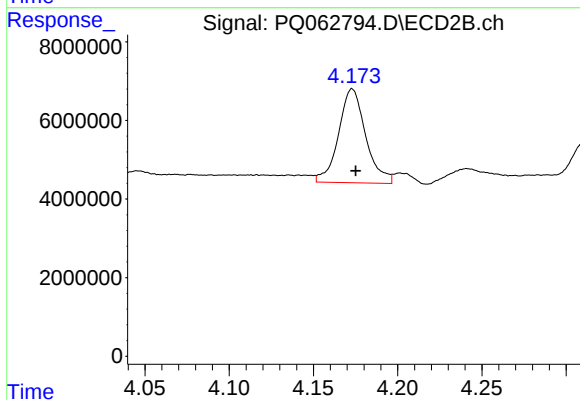
R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 12358044
Conc: 410.19 ng/ml



#15 AR-1232-5

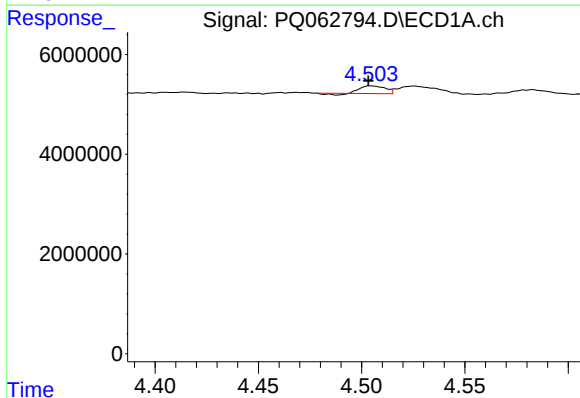
R.T.: 4.770 min
Delta R.T.: 0.002 min
Response: 43992142
Conc: 1157.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



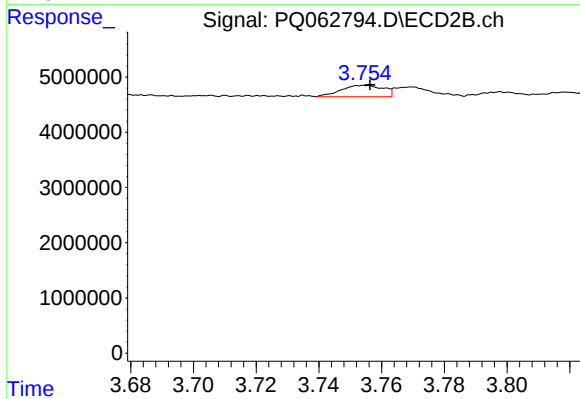
#15 AR-1232-5

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 26811496
Conc: 724.31 ng/ml



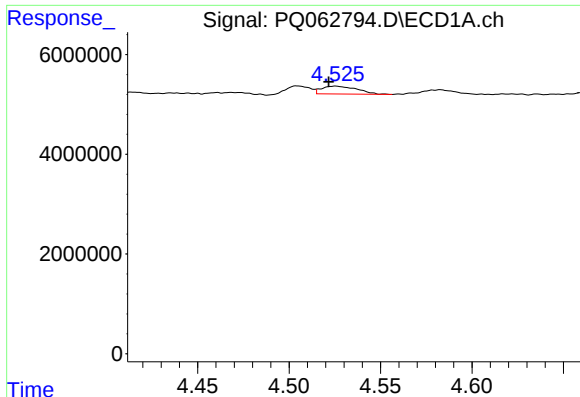
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.001 min
Response: 1144312
Conc: 8.87 ng/ml



#16 AR-1242-1

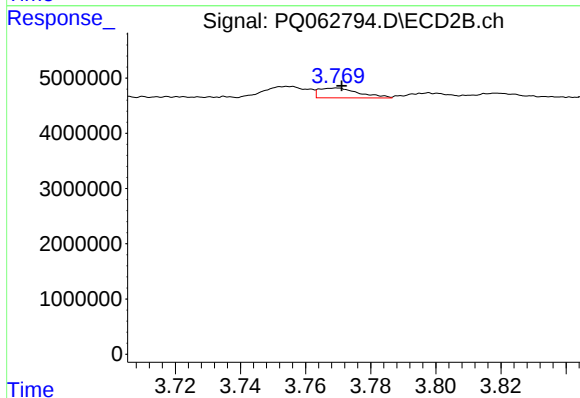
R.T.: 3.755 min
Delta R.T.: -0.002 min
Response: 1928338
Conc: 21.52 ng/ml



#17 AR-1242-2

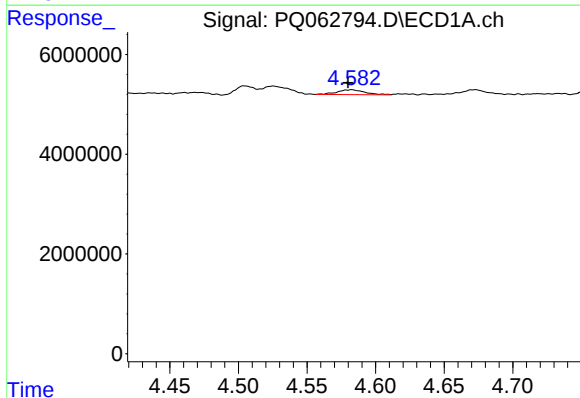
R.T.: 4.525 min
Delta R.T.: 0.004 min
Response: 2103219
Conc: 10.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



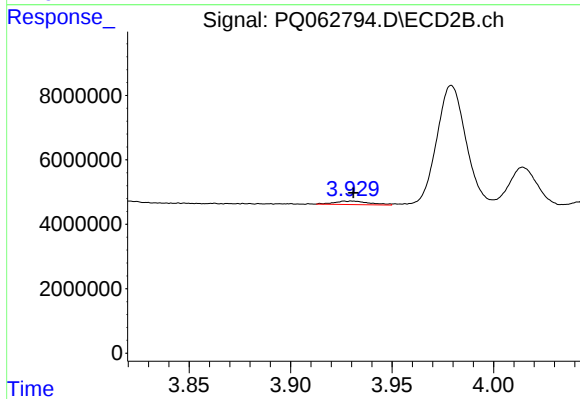
#17 AR-1242-2

R.T.: 3.770 min
Delta R.T.: -0.001 min
Response: 1523068
Conc: 11.56 ng/ml



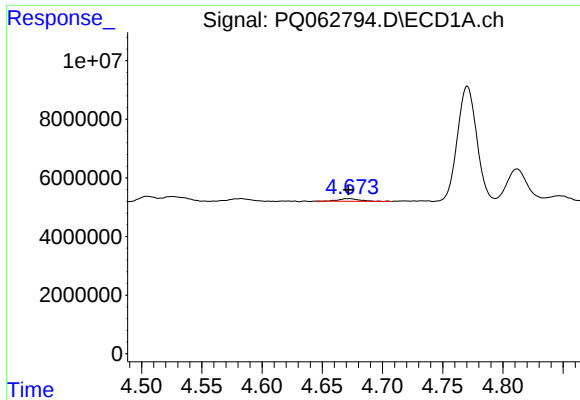
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: 0.003 min
Response: 1342701
Conc: 10.66 ng/ml



#18 AR-1242-3

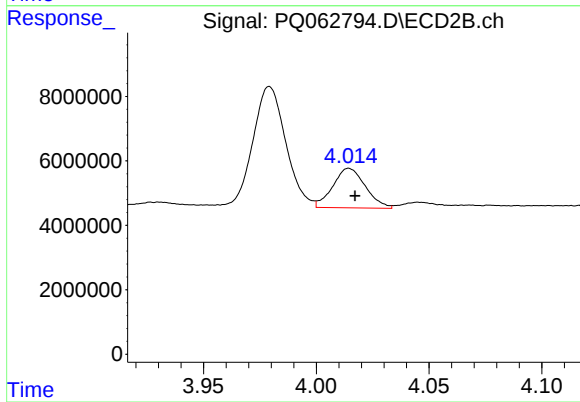
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 1338282
Conc: 19.21 ng/ml



#19 AR-1242-4

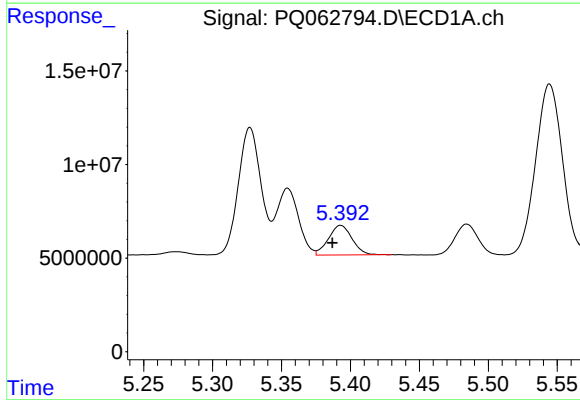
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1159088
Conc: 11.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



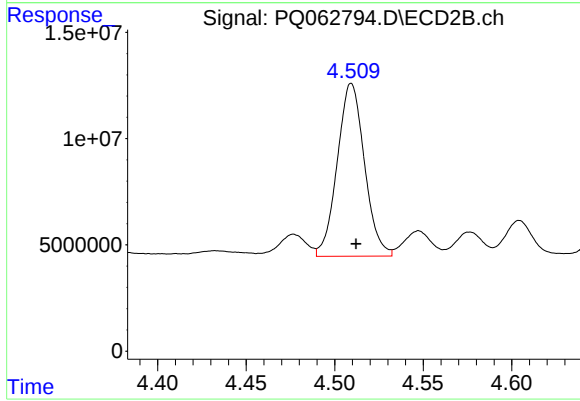
#19 AR-1242-4

R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 12358044
Conc: 192.37 ng/ml



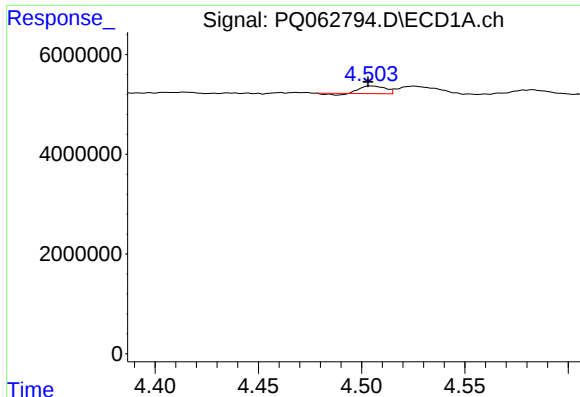
#20 AR-1242-5

R.T.: 5.393 min
Delta R.T.: 0.006 min
Response: 18794904
Conc: 167.52 ng/ml



#20 AR-1242-5

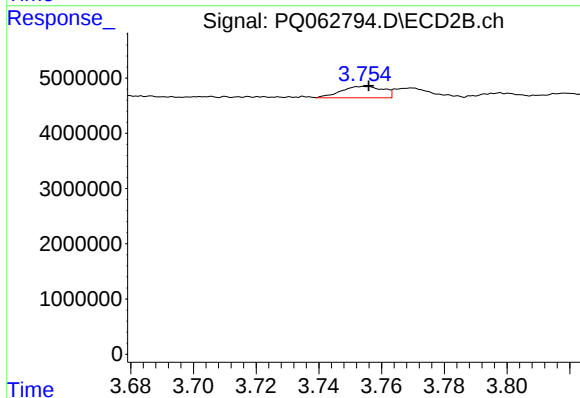
R.T.: 4.509 min
Delta R.T.: -0.003 min
Response: 86963397
Conc: 1057.90 ng/ml



#21 AR-1248-1

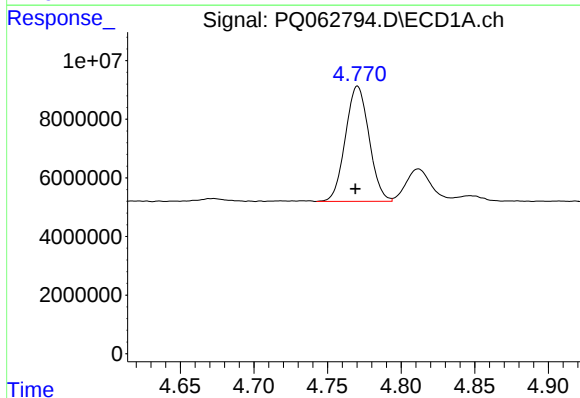
R.T.: 4.505 min
Delta R.T.: 0.002 min
Response: 1144312
Conc: 11.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



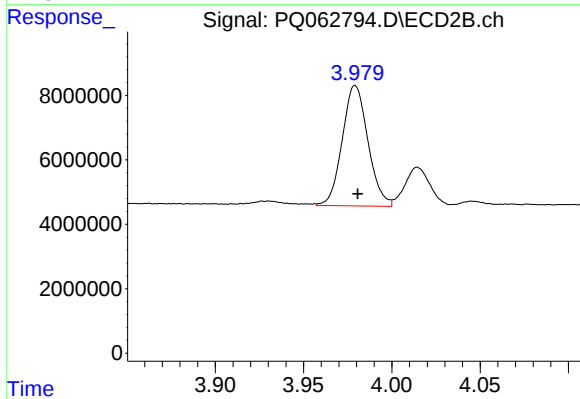
#21 AR-1248-1

R.T.: 3.755 min
Delta R.T.: -0.001 min
Response: 1928338
Conc: 28.79 ng/ml



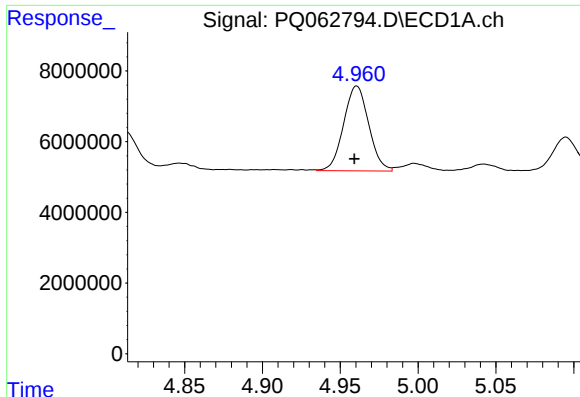
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.002 min
Response: 43992142
Conc: 319.86 ng/ml



#22 AR-1248-2

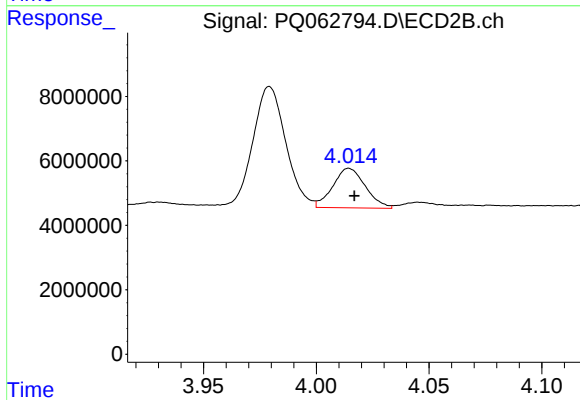
R.T.: 3.979 min
Delta R.T.: -0.001 min
Response: 37911205
Conc: 403.97 ng/ml



#23 AR-1248-3

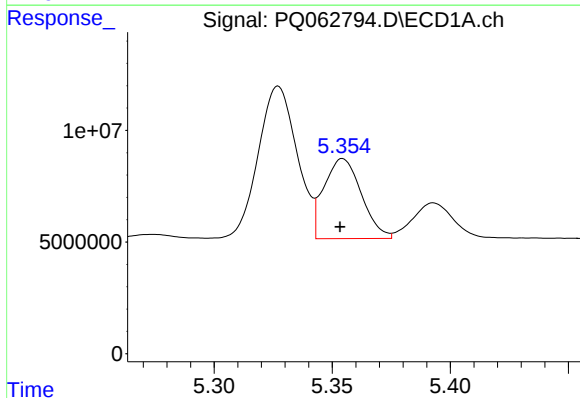
R.T.: 4.961 min
Delta R.T.: 0.002 min
Response: 26968768
Conc: 160.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



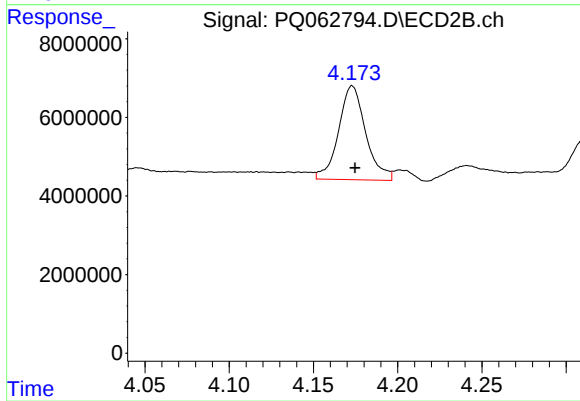
#23 AR-1248-3

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 12358044
Conc: 137.98 ng/ml



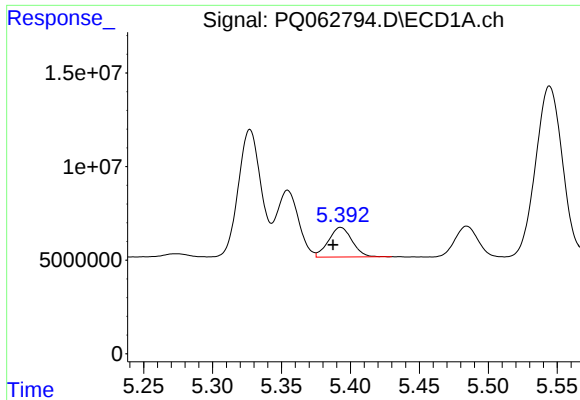
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.001 min
Response: 39523234
Conc: 207.80 ng/ml



#24 AR-1248-4

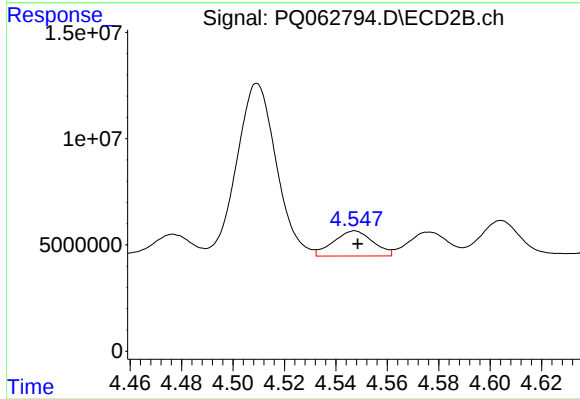
R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 26811496
Conc: 241.85 ng/ml



#25 AR-1248-5

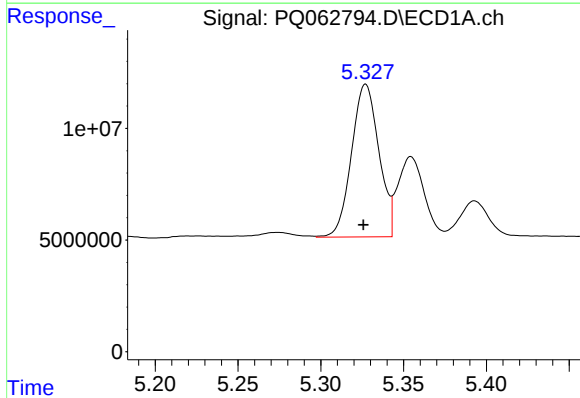
R.T.: 5.393 min
Delta R.T.: 0.006 min
Response: 18794904
Conc: 100.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



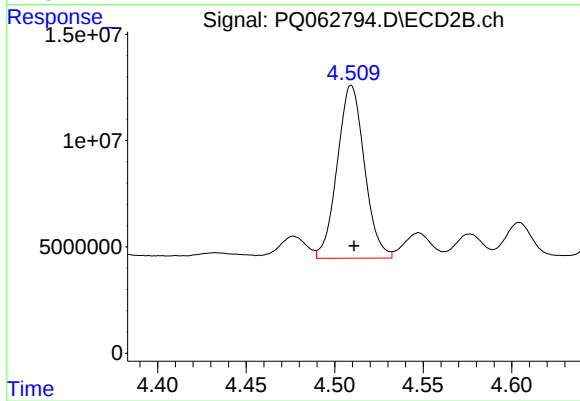
#25 AR-1248-5

R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 12659385
Conc: 113.94 ng/ml



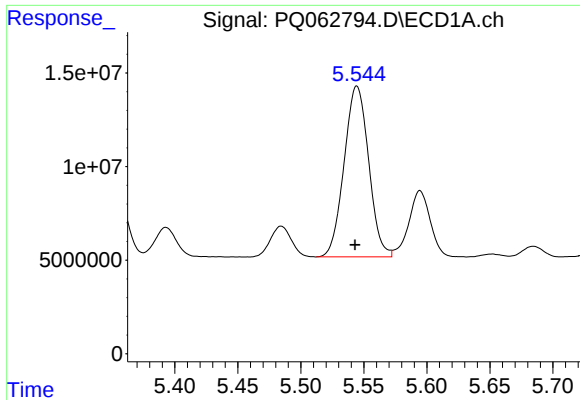
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.001 min
Response: 78550790
Conc: 405.81 ng/ml



#26 AR-1254-1

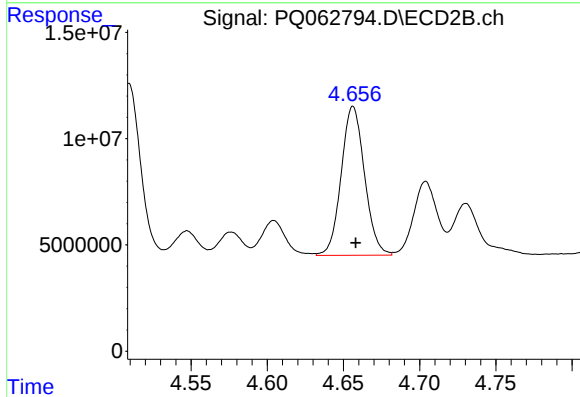
R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 86963397
Conc: 524.60 ng/ml



#27 AR-1254-2

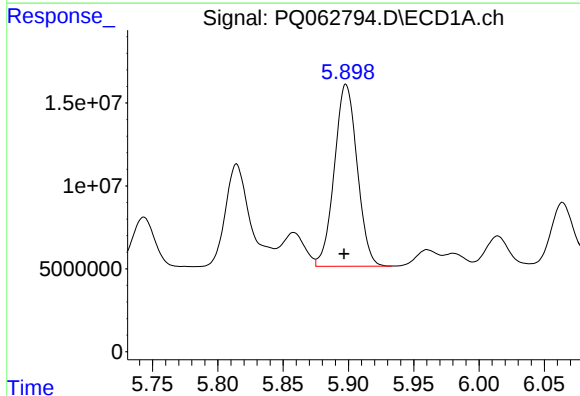
R.T.: 5.544 min
Delta R.T.: 0.001 min
Response: 123612565
Conc: 403.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



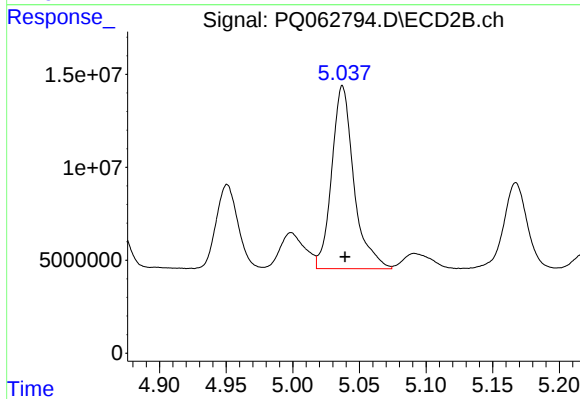
#27 AR-1254-2

R.T.: 4.656 min
Delta R.T.: -0.002 min
Response: 74707078
Conc: 515.97 ng/ml



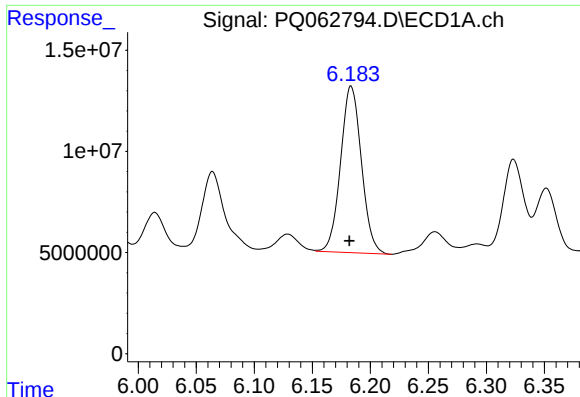
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.001 min
Response: 133446557
Conc: 408.08 ng/ml



#28 AR-1254-3

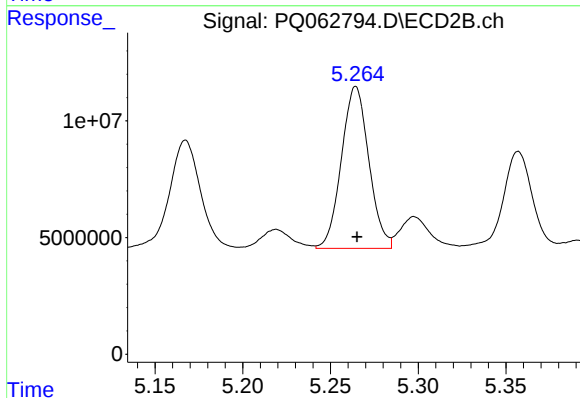
R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 114036548
Conc: 502.67 ng/ml



#29 AR-1254-4

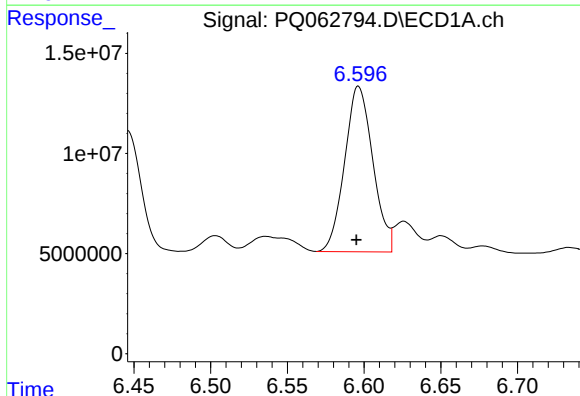
R.T.: 6.183 min
Delta R.T.: 0.002 min
Response: 102852964
Conc: 422.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



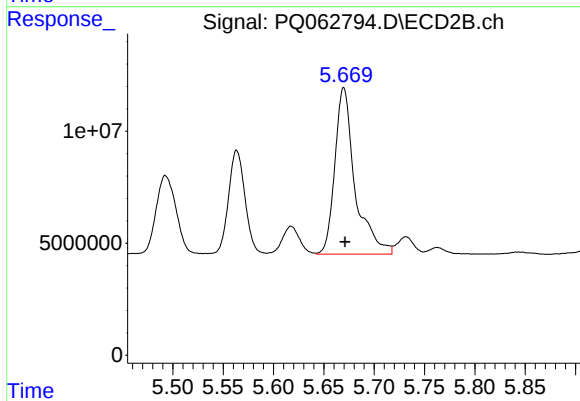
#29 AR-1254-4

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 75634676
Conc: 510.97 ng/ml



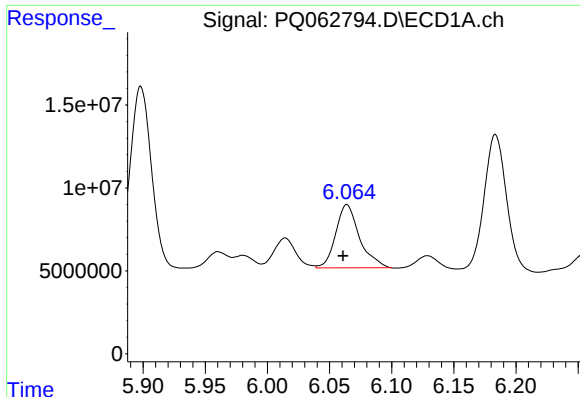
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.002 min
Response: 106131783
Conc: 406.69 ng/ml



#30 AR-1254-5

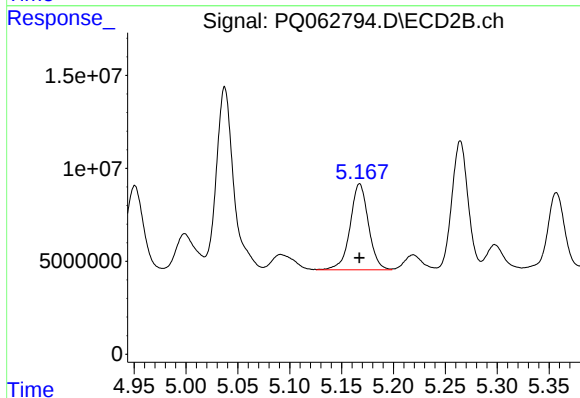
R.T.: 5.670 min
Delta R.T.: -0.001 min
Response: 103797554
Conc: 496.13 ng/ml



#31 AR-1260-1

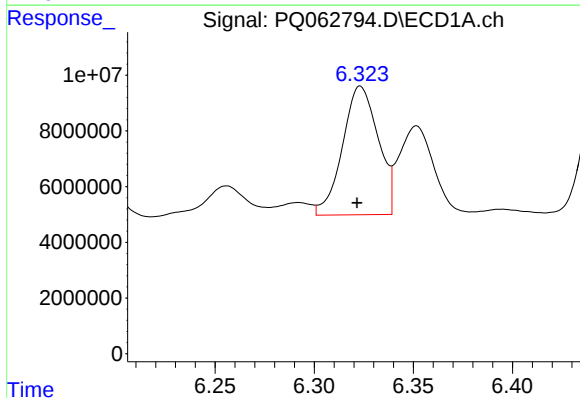
R.T.: 6.064 min
Delta R.T.: 0.003 min
Response: 50914899
Conc: 219.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



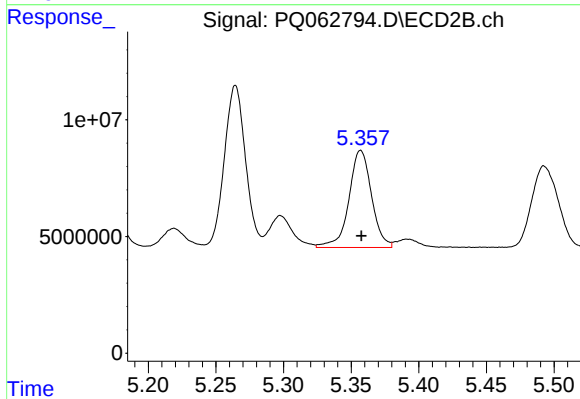
#31 AR-1260-1

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 57032701
Conc: 370.13 ng/ml



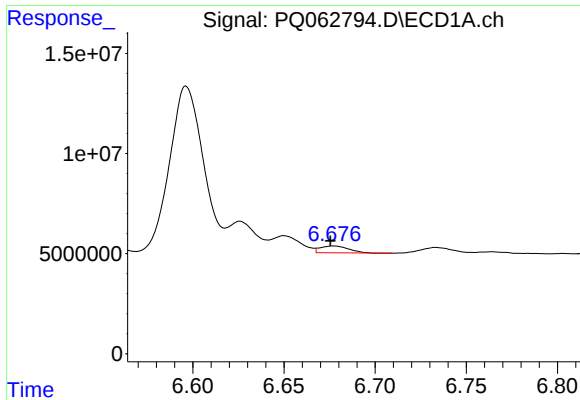
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.002 min
Response: 57927672
Conc: 206.19 ng/ml



#32 AR-1260-2

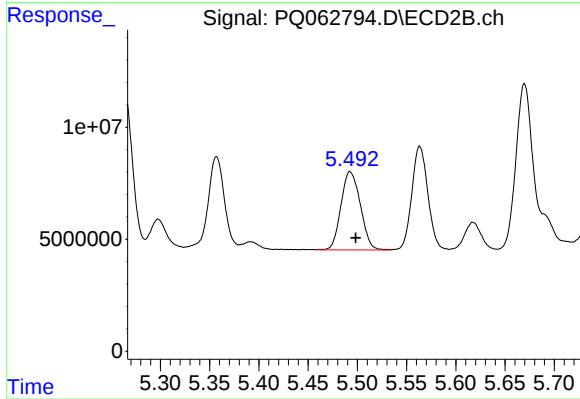
R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 48482905
Conc: 258.66 ng/ml



#33 AR-1260-3

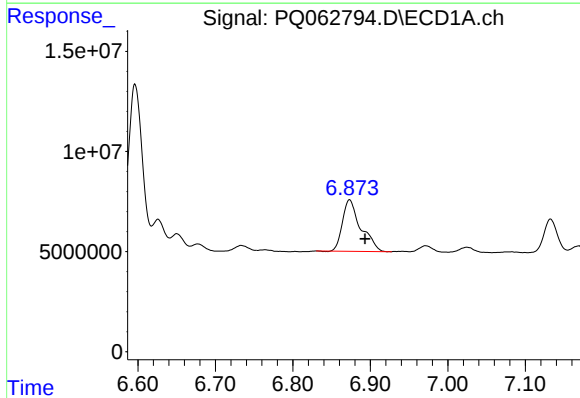
R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 3726456
Conc: 18.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



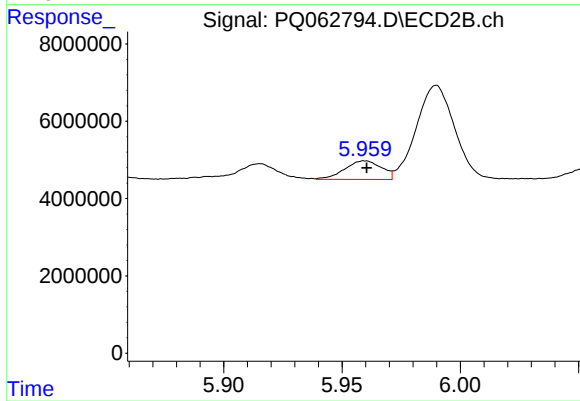
#33 AR-1260-3

R.T.: 5.493 min
Delta R.T.: -0.006 min
Response: 47958651
Conc: 269.00 ng/ml



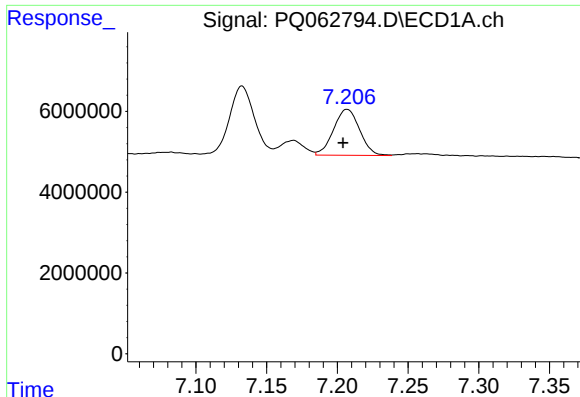
#34 AR-1260-4

R.T.: 6.873 min
Delta R.T.: -0.020 min
Response: 42345569
Conc: 184.29 ng/ml



#34 AR-1260-4

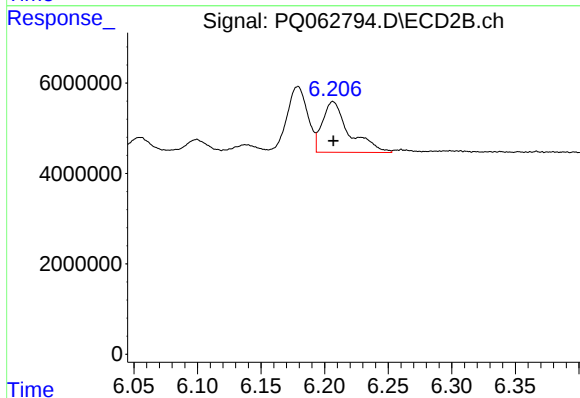
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 5177701
Conc: 34.75 ng/ml



#35 AR-1260-5

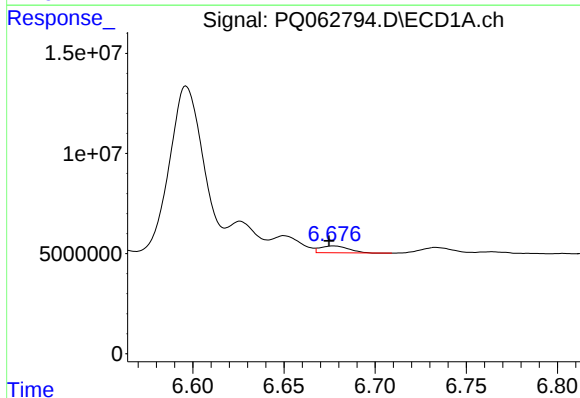
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 14666824
Conc: 31.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



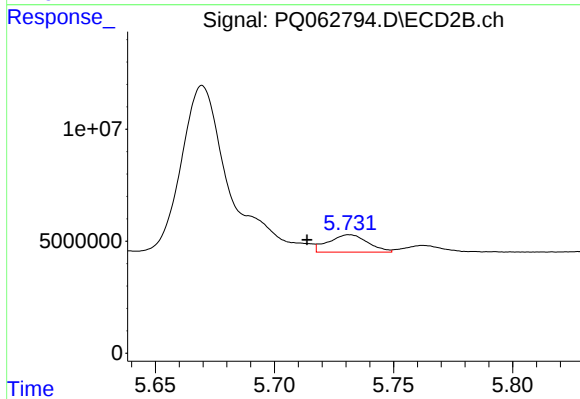
#35 AR-1260-5

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 16530143
Conc: 49.10 ng/ml



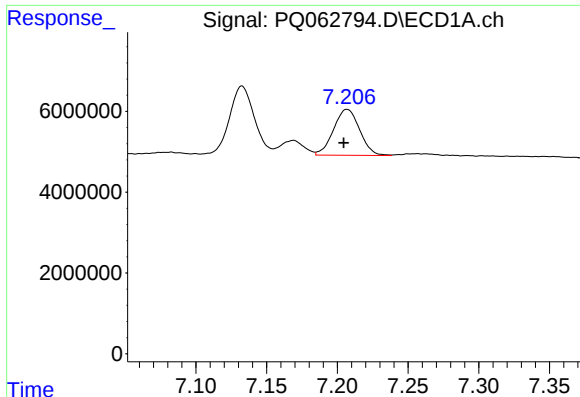
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 3726456
Conc: 12.06 ng/ml



#36 AR-1262-1

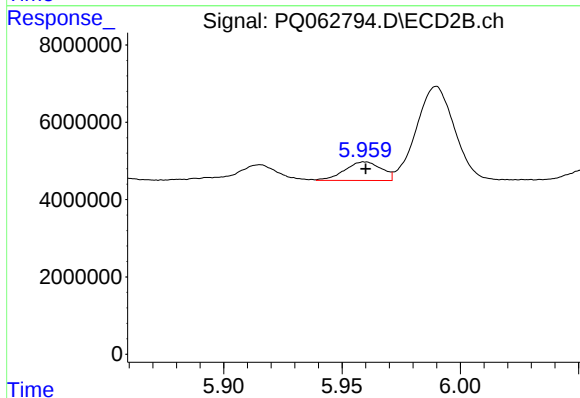
R.T.: 5.732 min
Delta R.T.: 0.018 min
Response: 8967658
Conc: 41.75 ng/ml



#37 AR-1262-2

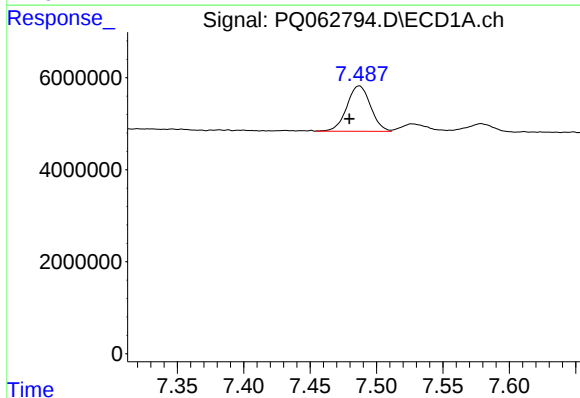
R.T.: 7.207 min
Delta R.T.: 0.002 min
Response: 14666824
Conc: 27.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



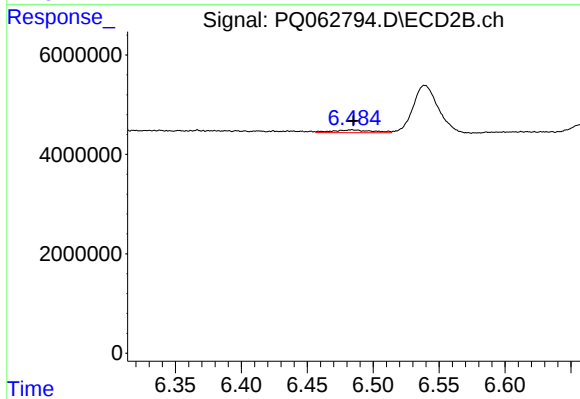
#37 AR-1262-2

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 5177701
Conc: 26.15 ng/ml



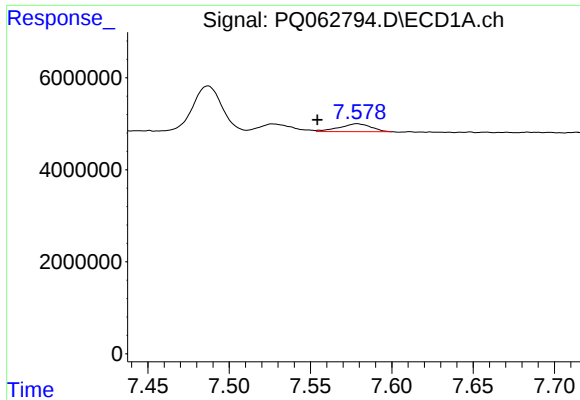
#38 AR-1262-3

R.T.: 7.487 min
Delta R.T.: 0.008 min
Response: 12245928
Conc: 33.60 ng/ml



#38 AR-1262-3

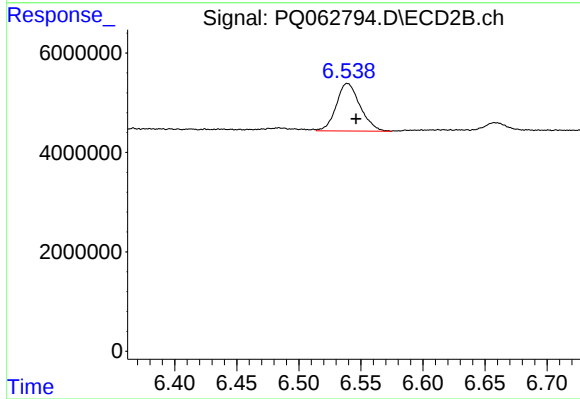
R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 1175867
Conc: 7.21 ng/ml



#39 AR-1262-4

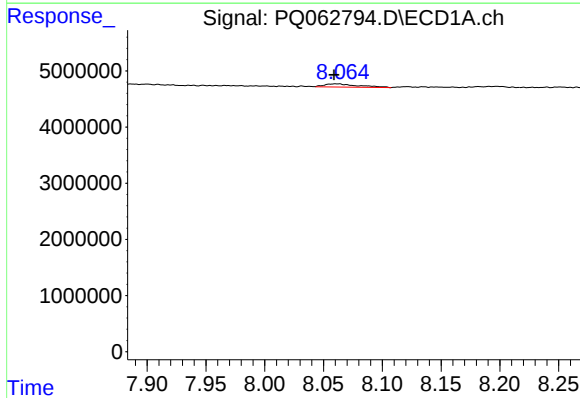
R.T.: 7.579 min
Delta R.T.: 0.025 min
Response: 2284937
Conc: 8.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



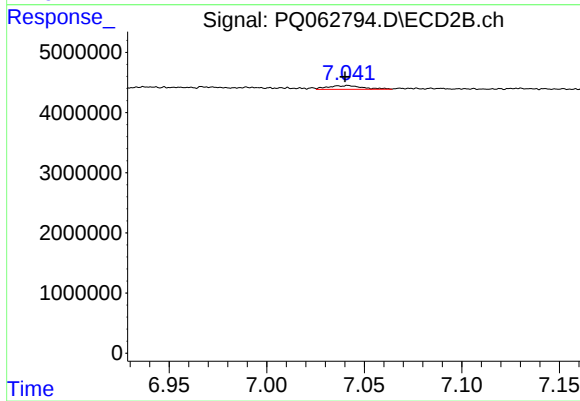
#39 AR-1262-4

R.T.: 6.539 min
Delta R.T.: -0.007 min
Response: 12795434
Conc: 42.70 ng/ml



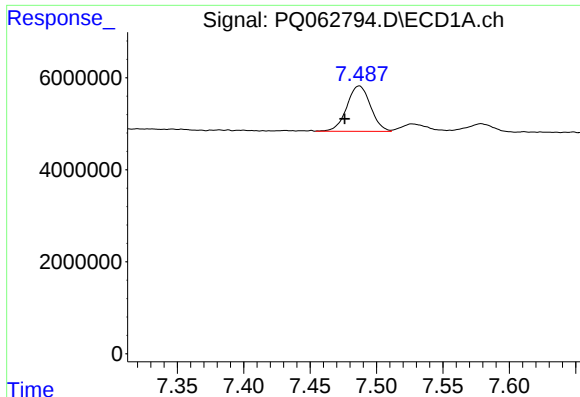
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.002 min
Response: 1130991
Conc: 6.06 ng/ml



#40 AR-1262-5

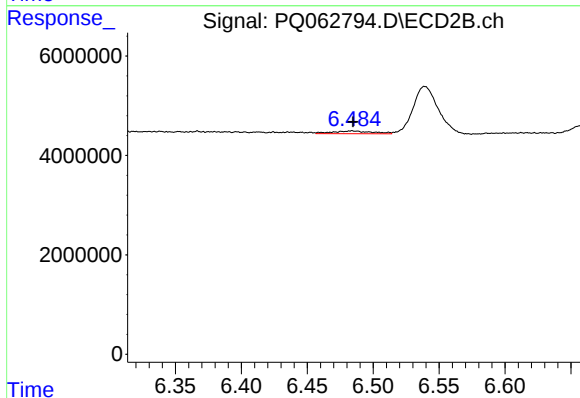
R.T.: 7.042 min
Delta R.T.: 0.002 min
Response: 758926
Conc: 5.04 ng/ml



#41 AR-1268-1

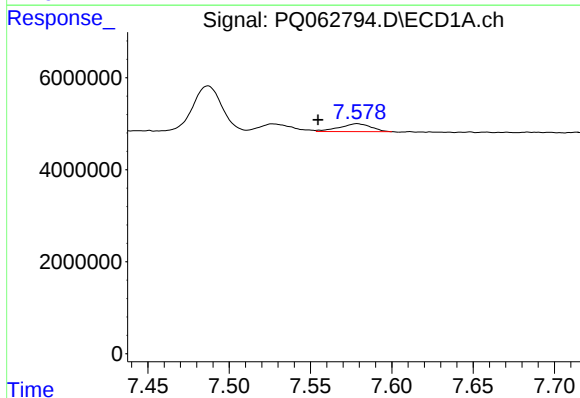
R.T.: 7.487 min
Delta R.T.: 0.011 min
Response: 12245928
Conc: 19.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



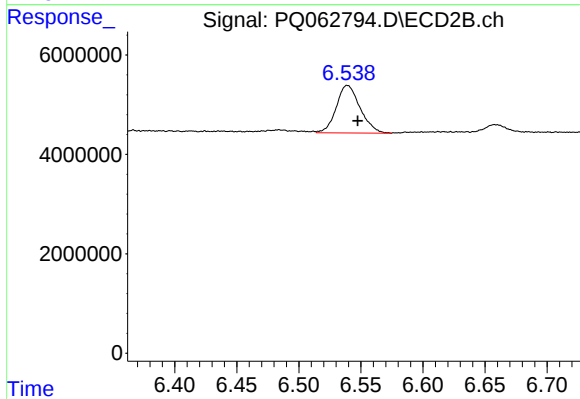
#41 AR-1268-1

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 1175867
Conc: 2.48 ng/ml



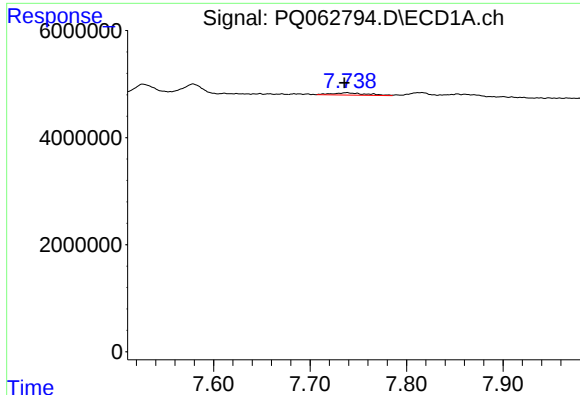
#42 AR-1268-2

R.T.: 7.579 min
Delta R.T.: 0.024 min
Response: 2284937
Conc: 3.96 ng/ml



#42 AR-1268-2

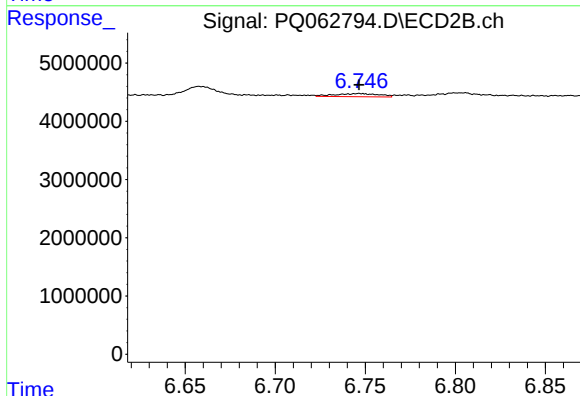
R.T.: 6.539 min
Delta R.T.: -0.008 min
Response: 12795434
Conc: 29.56 ng/ml



#43 AR-1268-3

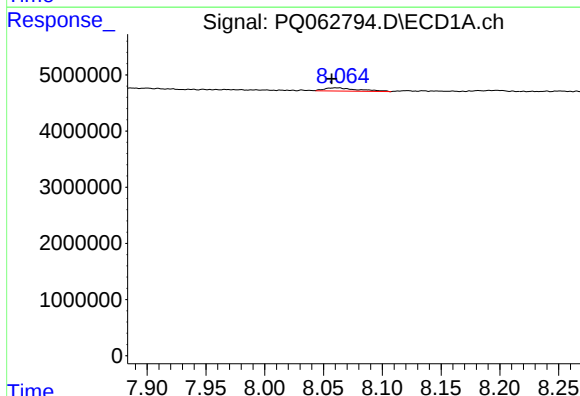
R.T.: 7.738 min
Delta R.T.: 0.003 min
Response: 1116854
Conc: 2.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



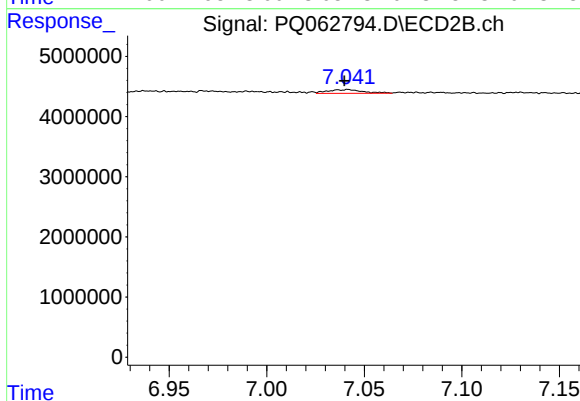
#43 AR-1268-3

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 905004
Conc: 2.38 ng/ml



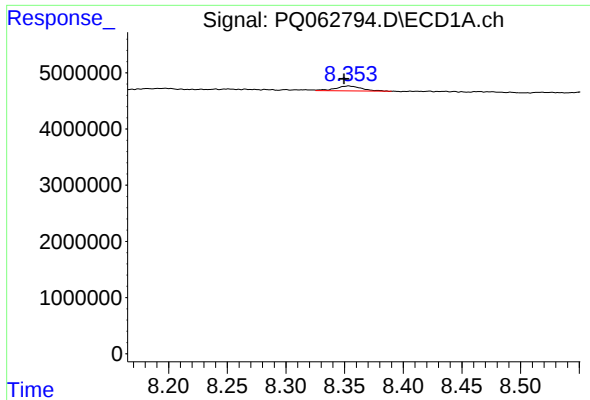
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 1130991
Conc: 5.37 ng/ml



#44 AR-1268-4

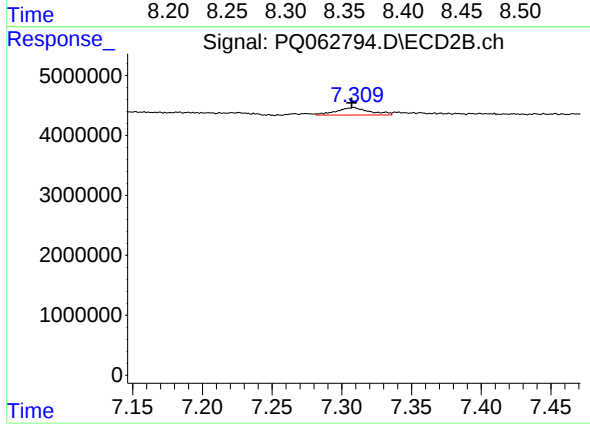
R.T.: 7.042 min
Delta R.T.: 0.002 min
Response: 758926
Conc: 4.56 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.004 min
Response: 1354478
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.309 min
Delta R.T.: 0.001 min
Response: 2058753
Conc: 1.67 ng/ml