

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101424\
 Data File : PQ069095.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2024 16:28
 Operator : YP\AJ
 Sample : P4350-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 01:38:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 08 08:10:43 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.330	2.740	224.1E6	205.7E6	18.946	18.227
2)	SA Decachlor...	8.457	7.481	133.9E6	144.0E6	31.959	23.159 #
Target Compounds							
3)	L1 AR-1016-1	4.420	3.732	-3502357	13736558	N.D.	36.787 #
4)	L1 AR-1016-2	4.437	3.748	19685155	22626920	35.172	41.267
5)	L1 AR-1016-3	4.495	3.907	13726271	11533012	40.445	39.299
6)	L1 AR-1016-4	4.584	3.956	25949533	25064998	91.495	102.272
7)	L1 AR-1016-5	4.869	4.149	33344268	37240279	122.652	120.008
8)	L2 AR-1221-1	3.513	2.984f	2740683	643002	20.517	4.933 #
9)	L2 AR-1221-2	3.605	3.007	3619643	3708739	39.676	40.152
10)	L2 AR-1221-3	3.680	3.081	4634127	617068	15.636	2.100 #
11)	L3 AR-1232-1	3.680	3.081	4634127	617068	18.934	2.525 #
12)	L3 AR-1232-2	4.166	3.748	18988694	22626920	143.458	89.417 #
13)	L3 AR-1232-3	4.437	3.907	19685155	11533012	77.670	86.829
14)	L3 AR-1232-4	4.584	3.992	25949533	25082960	206.736	233.053
15)	L3 AR-1232-5	4.681	4.149	28285952	37240279	348.915	290.155
16)	L4 AR-1242-1	4.420	3.732	-3502357	13736558	N.D.	41.666 #
17)	L4 AR-1242-2	4.437	3.748	19685155	22626920	42.052	47.354
18)	L4 AR-1242-3	4.495	3.907	13726271	11533012	48.228	44.754
19)	L4 AR-1242-4	4.584	3.992	25949533	25082960	109.104	108.103
20)	L4 AR-1242-5	5.295	4.485	41255102	67105311	165.951	209.885 #
21)	L5 AR-1248-1	4.420	3.732	-3502357	13736558	N.D.	55.674 #
22)	L5 AR-1248-2	4.681	3.956	28285952	25064998	91.294	70.005
23)	L5 AR-1248-3	4.869	3.992	33344268	25082960	88.460	73.312
24)	L5 AR-1248-4	5.262	4.149	24282497	37240279	55.843	85.749 #
25)	L5 AR-1248-5	5.295	4.522	41255102	52465460	97.188	117.675
26)	L6 AR-1254-1	5.232	4.485	34027191	67105311	78.827	101.906 #
27)	L6 AR-1254-2	5.446	4.630	61394642	39434185	91.323	68.425 #
28)	L6 AR-1254-3	5.817	5.009	109.7E6	39222815	150.634	42.500 #
29)	L6 AR-1254-4	6.084	5.235	26006458	29986614	49.207	49.825
30)	L6 AR-1254-5	6.496	5.639	22679409	47375037	38.716	56.091 #
31)	L7 AR-1260-1	5.966	5.137	16635072	45603690	34.026	79.359 #
32)	L7 AR-1260-2	6.216	5.328	403.6E6	17708663	682.062	25.057 #
33)	L7 AR-1260-3	6.577	5.469	6247020	18245156	14.268	27.251 #
34)	L7 AR-1260-4	6.793	5.928	7497404	5487275	15.325	9.460 #
35)	L7 AR-1260-5	7.105	6.173	10941493	9074742	10.848	6.699 #
36)	L8 AR-1262-1	6.793	5.682	7497404	6577640	11.807	7.517 #
37)	L8 AR-1262-2	7.105	5.928	10941493	5487275	8.898	6.839
38)	L8 AR-1262-3	7.383	6.453	4086698	1363688	5.185	2.116 #
39)	L8 AR-1262-4	7.383f	6.506	4086698	7812859	6.883	6.699
40)	L8 AR-1262-5	7.957	7.003	1968909	2123942	5.051	3.960
41)	L9 AR-1268-1	7.383	6.453	4086698	1363688	3.068	0.765 #

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Acq On : 14 Oct 2024 16:28
Operator : YP\AJ
Sample : P4350-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

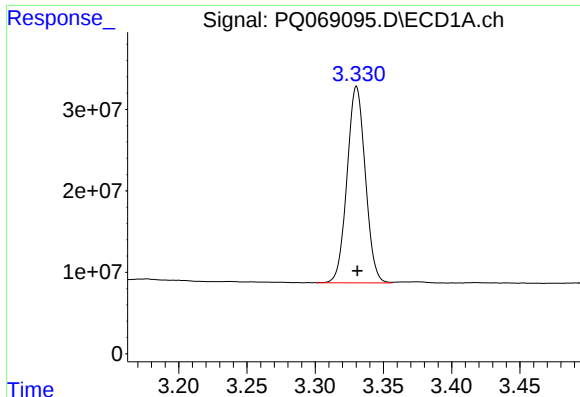
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 01:38:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100724CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 08 08:10:43 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	7.383f	6.506	4086698	7812859	3.384	4.752 #
43)	L9 AR-1268-3	7.630	6.717	1767466	4195270	1.743	2.974 #
44)	L9 AR-1268-4	7.957	7.003	1968909	2123942	4.777	3.715
45)	L9 AR-1268-5	8.240	7.275	1791811	5371912	0.584	1.238 #

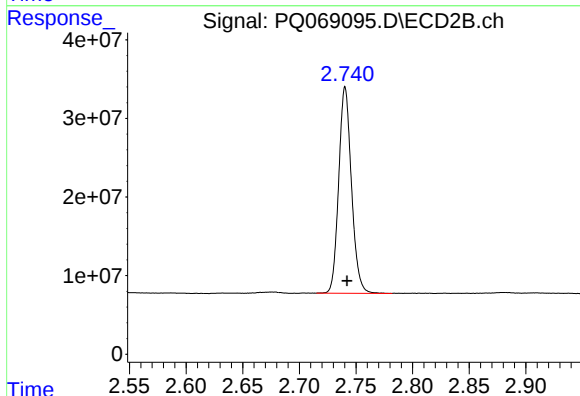
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

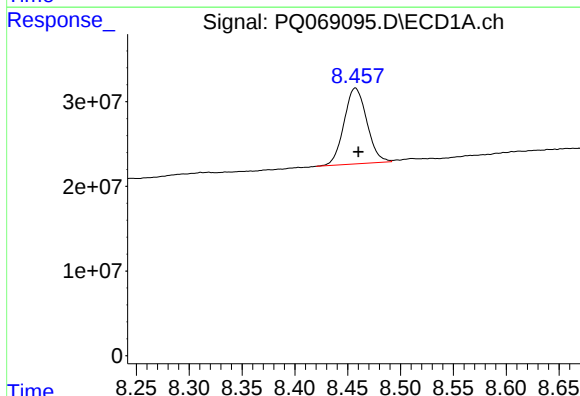
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 224145632
Conc: 18.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



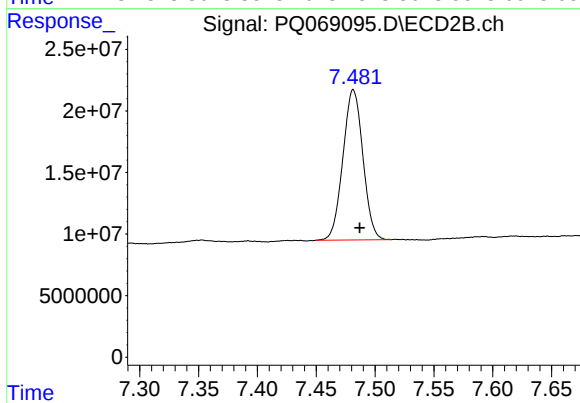
#1 Tetrachloro-m-xylene

R.T.: 2.740 min
Delta R.T.: -0.002 min
Response: 205670501
Conc: 18.23 ng/ml



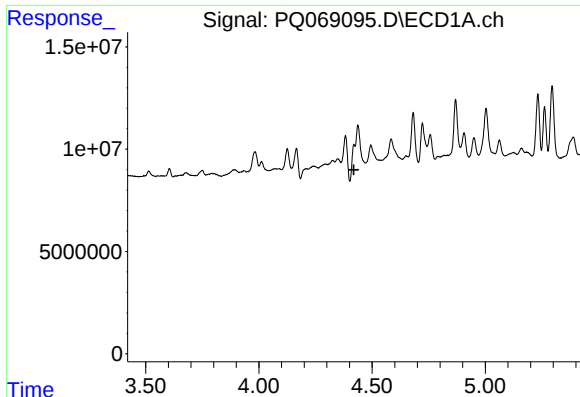
#2 Decachlorobiphenyl

R.T.: 8.457 min
Delta R.T.: -0.003 min
Response: 133936671
Conc: 31.96 ng/ml



#2 Decachlorobiphenyl

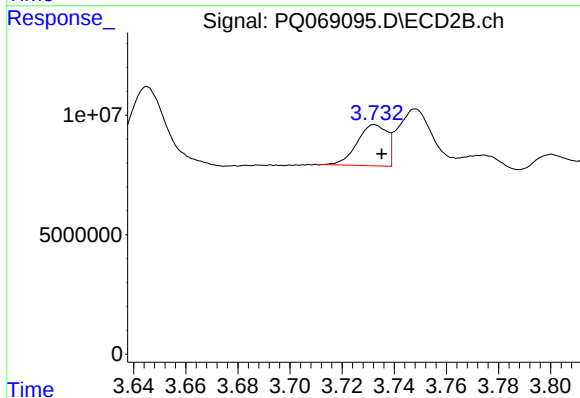
R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 144040452
Conc: 23.16 ng/ml



#3 AR-1016-1

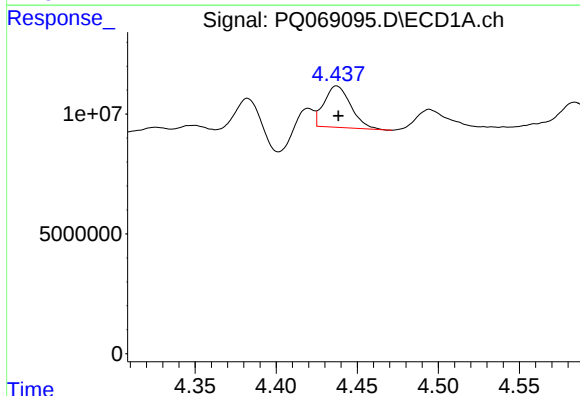
R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: -3502357
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



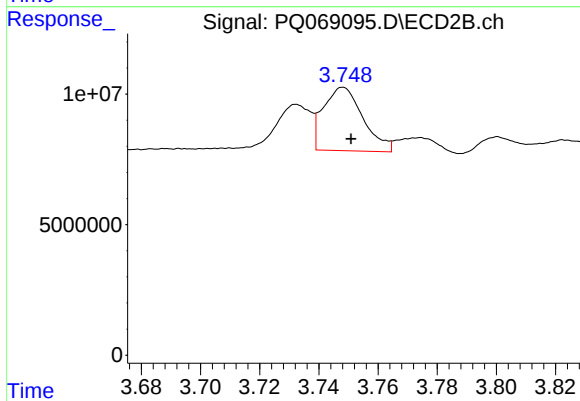
#3 AR-1016-1

R.T.: 3.732 min
Delta R.T.: -0.003 min
Response: 13736558
Conc: 36.79 ng/ml



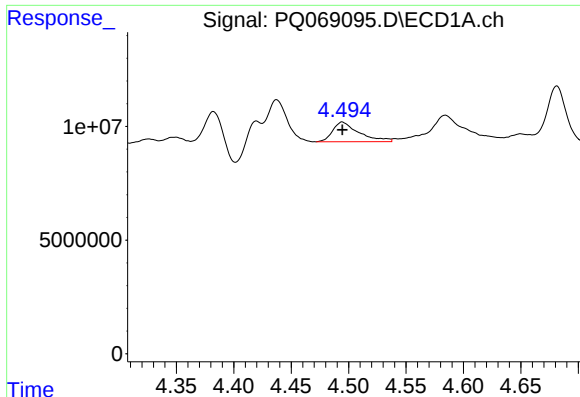
#4 AR-1016-2

R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 19685155
Conc: 35.17 ng/ml



#4 AR-1016-2

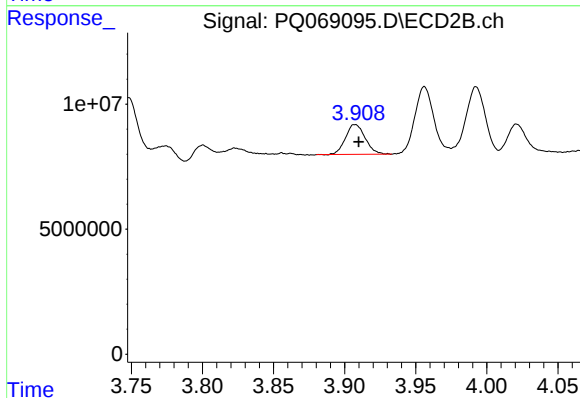
R.T.: 3.748 min
Delta R.T.: -0.003 min
Response: 22626920
Conc: 41.27 ng/ml



#5 AR-1016-3

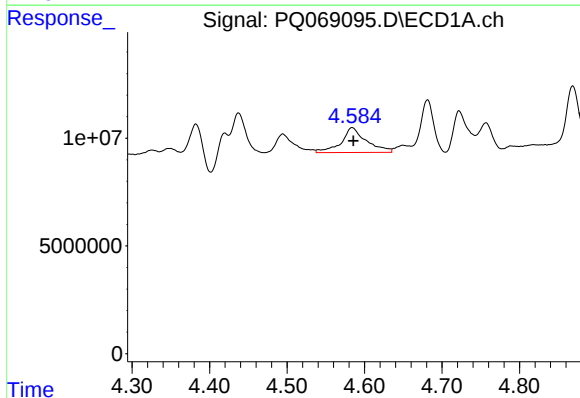
R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 13726271
Conc: 40.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



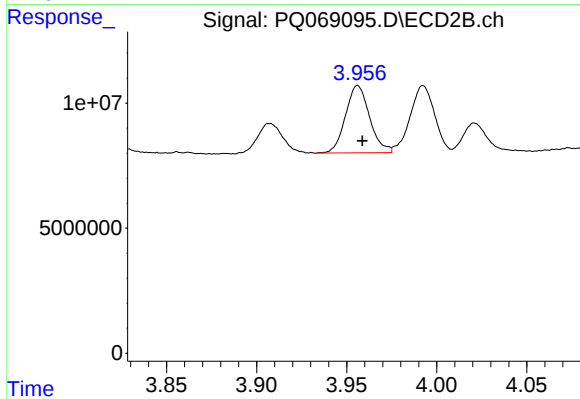
#5 AR-1016-3

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 11533012
Conc: 39.30 ng/ml



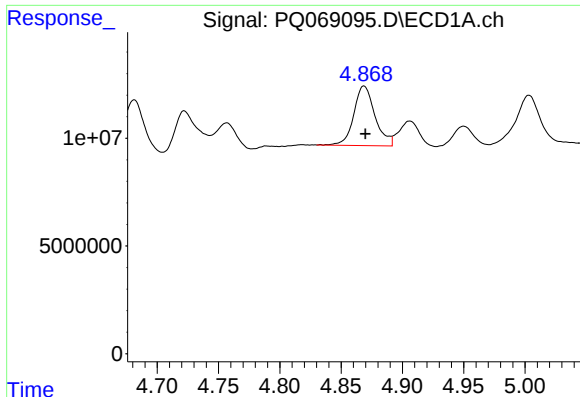
#6 AR-1016-4

R.T.: 4.584 min
Delta R.T.: -0.002 min
Response: 25949533
Conc: 91.49 ng/ml



#6 AR-1016-4

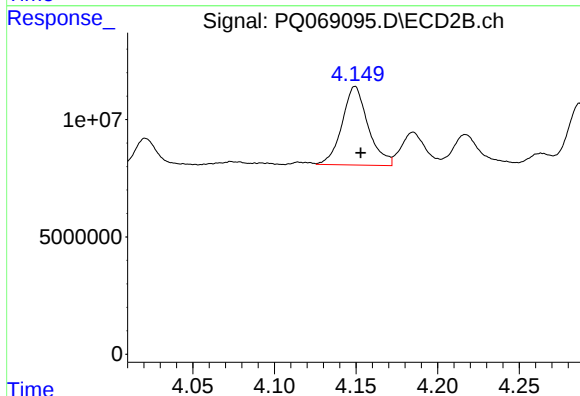
R.T.: 3.956 min
Delta R.T.: -0.003 min
Response: 25064998
Conc: 102.27 ng/ml



#7 AR-1016-5

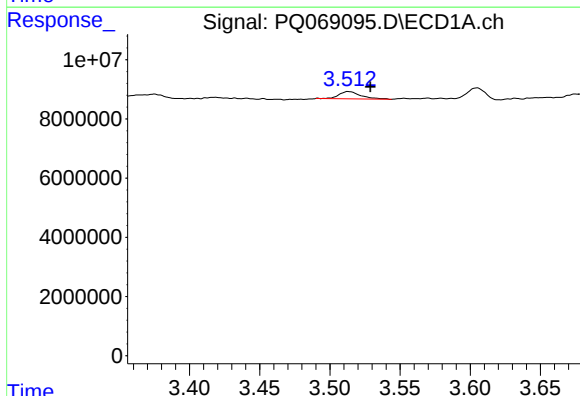
R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 33344268
Conc: 122.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



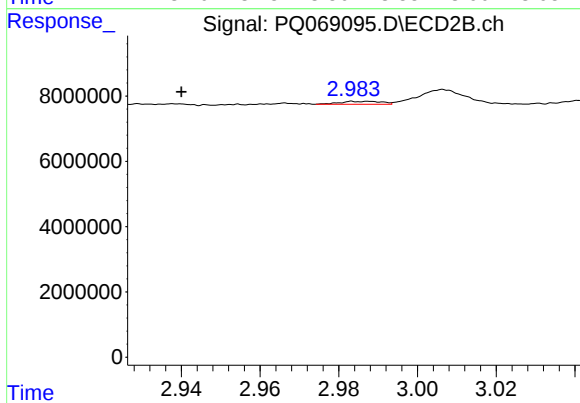
#7 AR-1016-5

R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 37240279
Conc: 120.01 ng/ml



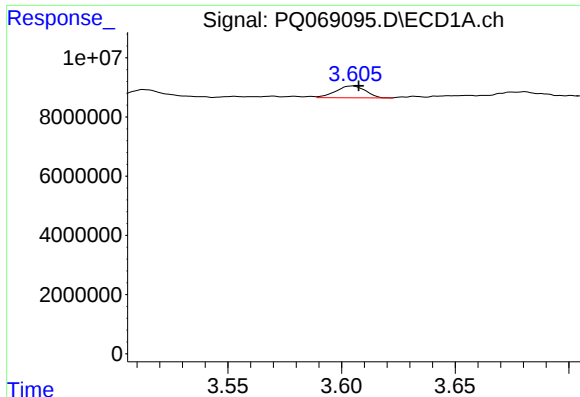
#8 AR-1221-1

R.T.: 3.513 min
Delta R.T.: -0.016 min
Response: 2740683
Conc: 20.52 ng/ml



#8 AR-1221-1

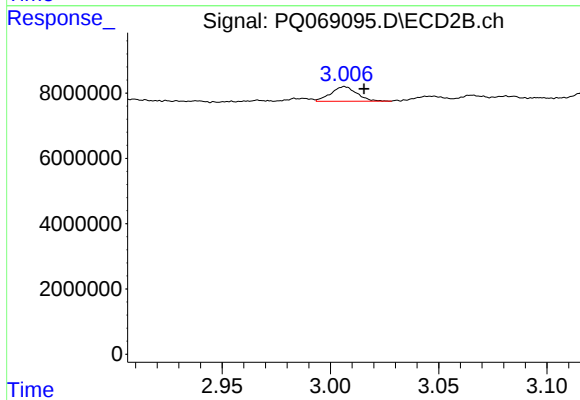
R.T.: 2.984 min
Delta R.T.: 0.043 min
Response: 643002
Conc: 4.93 ng/ml



#9 AR-1221-2

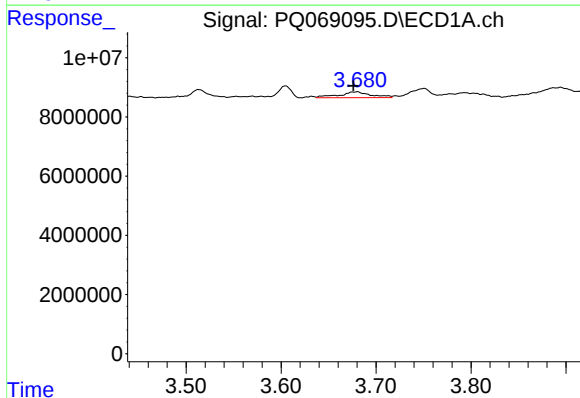
R.T.: 3.605 min
Delta R.T.: -0.003 min
Response: 3619643
Conc: 39.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



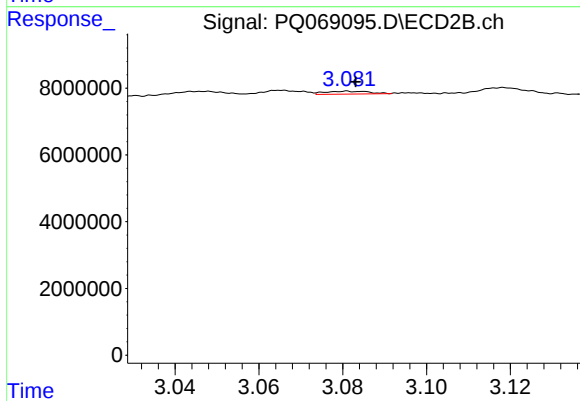
#9 AR-1221-2

R.T.: 3.007 min
Delta R.T.: -0.009 min
Response: 3708739
Conc: 40.15 ng/ml



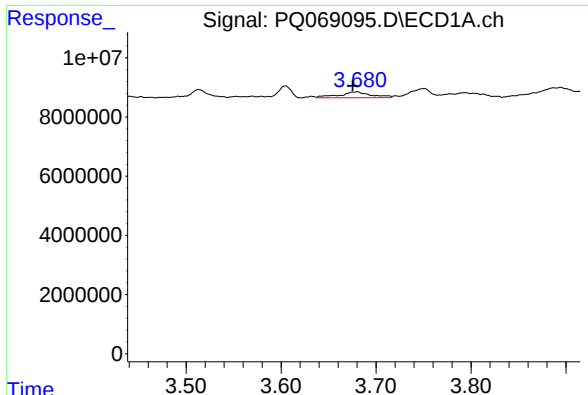
#10 AR-1221-3

R.T.: 3.680 min
Delta R.T.: 0.004 min
Response: 4634127
Conc: 15.64 ng/ml



#10 AR-1221-3

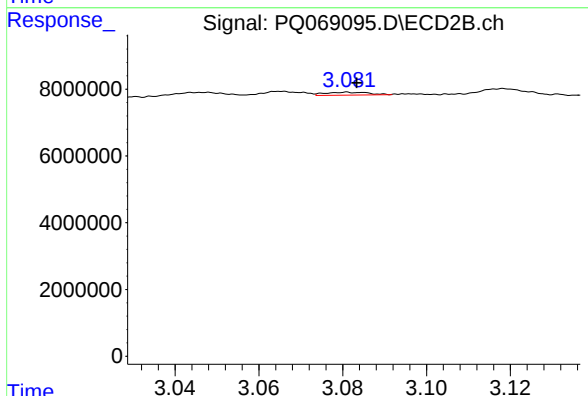
R.T.: 3.081 min
Delta R.T.: -0.002 min
Response: 617068
Conc: 2.10 ng/ml



#11 AR-1232-1

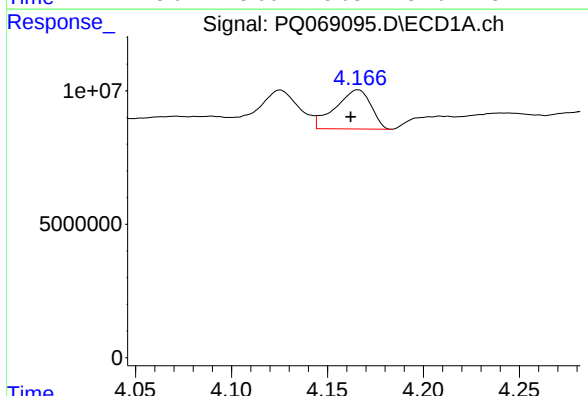
R.T.: 3.680 min
Delta R.T.: 0.005 min
Response: 4634127
Conc: 18.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



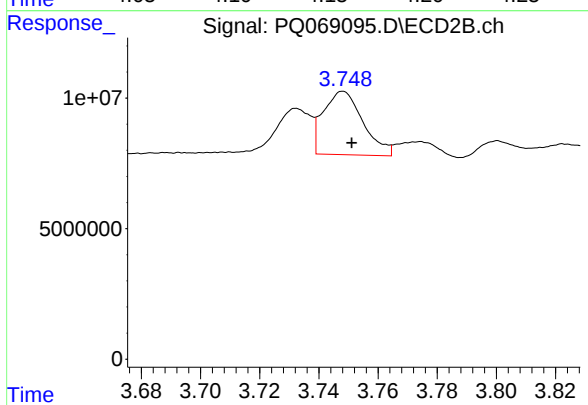
#11 AR-1232-1

R.T.: 3.081 min
Delta R.T.: -0.002 min
Response: 617068
Conc: 2.53 ng/ml



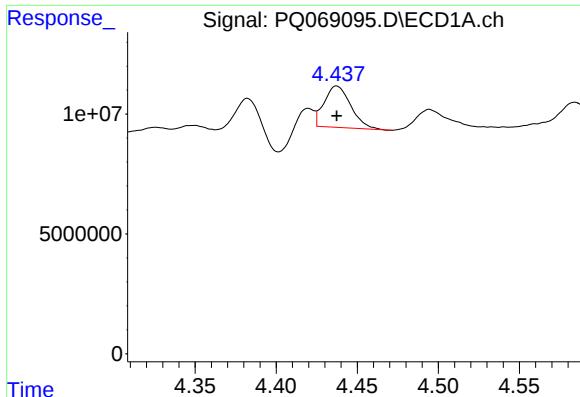
#12 AR-1232-2

R.T.: 4.166 min
Delta R.T.: 0.004 min
Response: 18988694
Conc: 143.46 ng/ml



#12 AR-1232-2

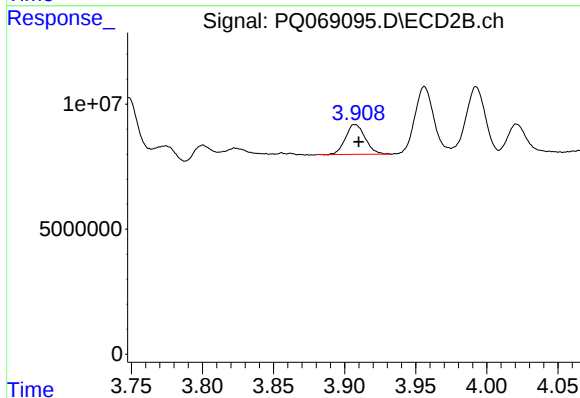
R.T.: 3.748 min
Delta R.T.: -0.003 min
Response: 22626920
Conc: 89.42 ng/ml



#13 AR-1232-3

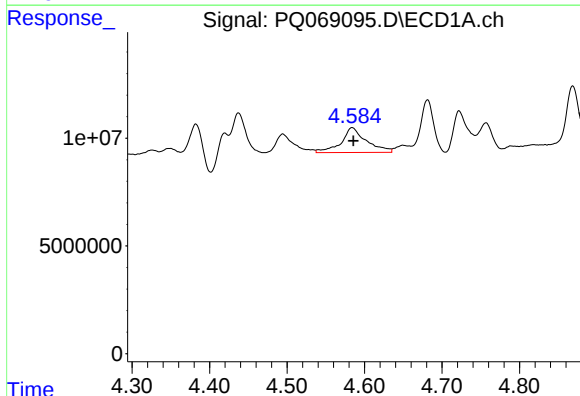
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 19685155
Conc: 77.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



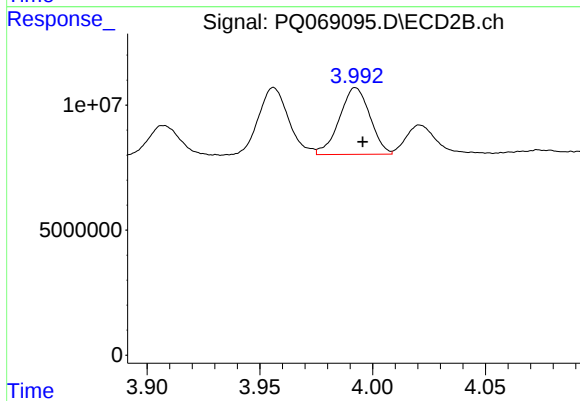
#13 AR-1232-3

R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 11533012
Conc: 86.83 ng/ml



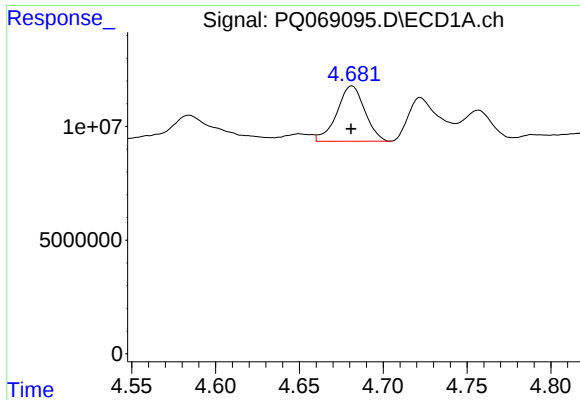
#14 AR-1232-4

R.T.: 4.584 min
Delta R.T.: -0.001 min
Response: 25949533
Conc: 206.74 ng/ml



#14 AR-1232-4

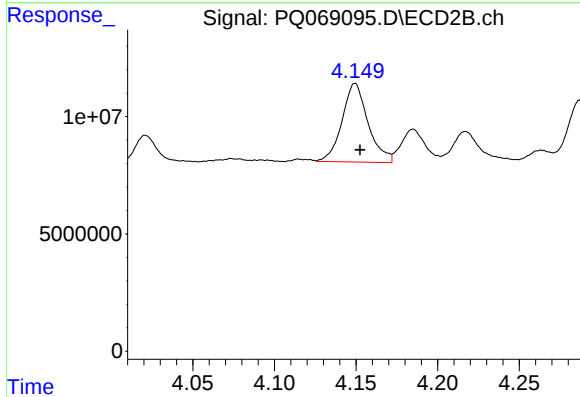
R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 25082960
Conc: 233.05 ng/ml



#15 AR-1232-5

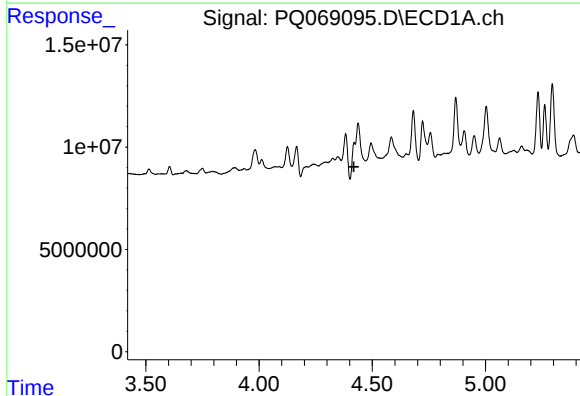
R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 28285952
Conc: 348.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



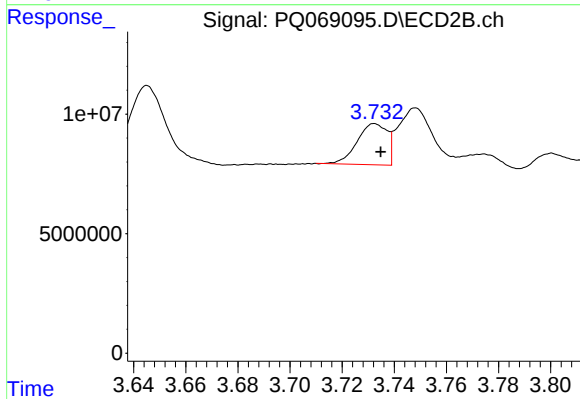
#15 AR-1232-5

R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 37240279
Conc: 290.15 ng/ml



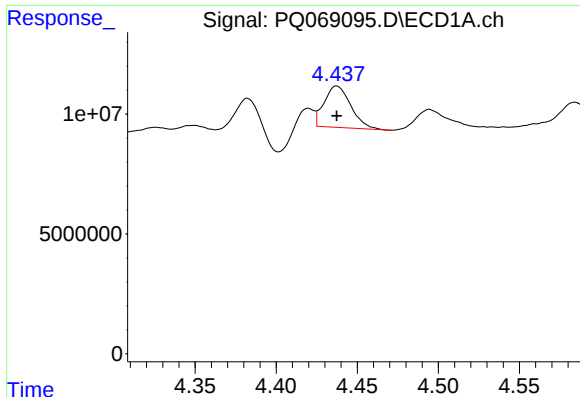
#16 AR-1242-1

R.T.: 4.420 min
Delta R.T.: 0.001 min
Response: -3502357
Conc: N.D.



#16 AR-1242-1

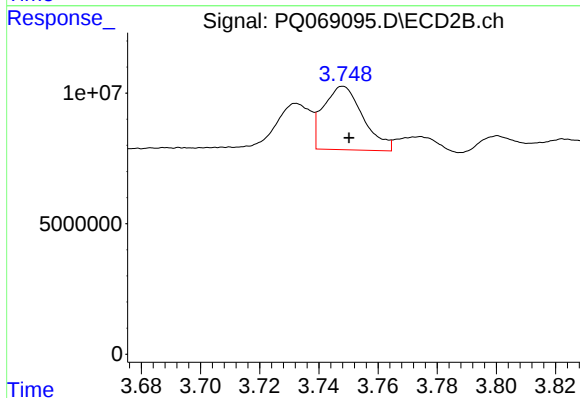
R.T.: 3.732 min
Delta R.T.: -0.002 min
Response: 13736558
Conc: 41.67 ng/ml



#17 AR-1242-2

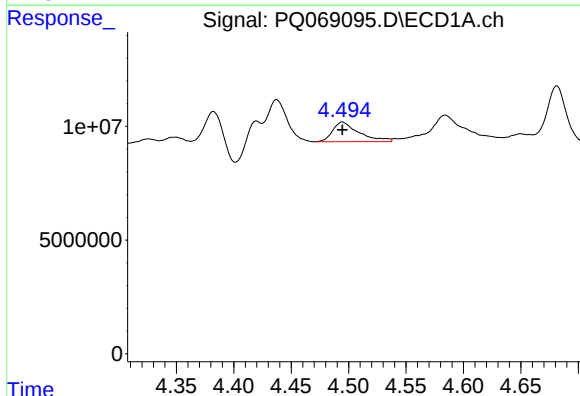
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 19685155
Conc: 42.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



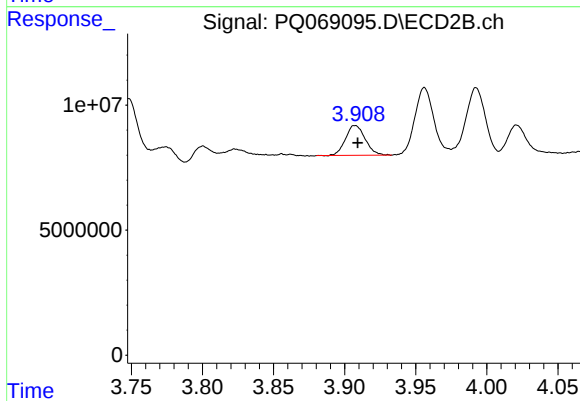
#17 AR-1242-2

R.T.: 3.748 min
Delta R.T.: -0.002 min
Response: 22626920
Conc: 47.35 ng/ml



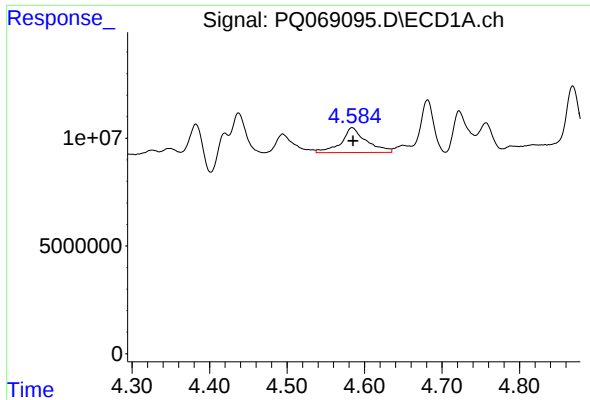
#18 AR-1242-3

R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 13726271
Conc: 48.23 ng/ml



#18 AR-1242-3

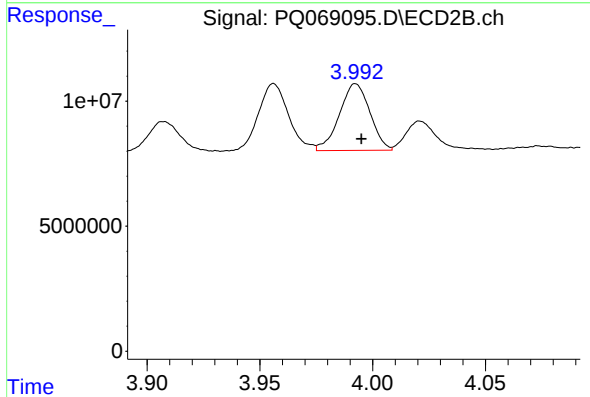
R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 11533012
Conc: 44.75 ng/ml



#19 AR-1242-4

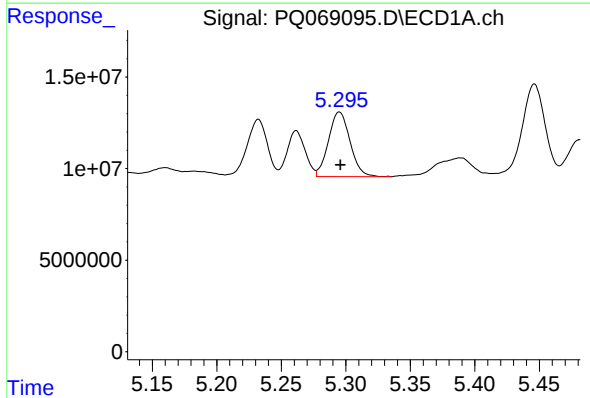
R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 25949533
Conc: 109.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



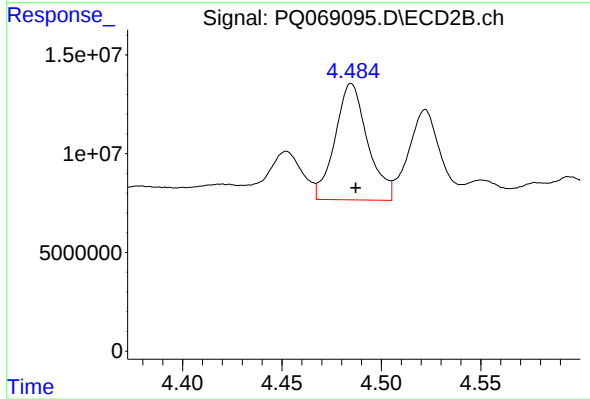
#19 AR-1242-4

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 25082960
Conc: 108.10 ng/ml



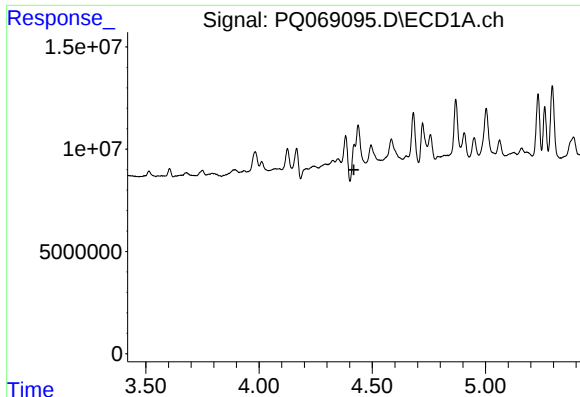
#20 AR-1242-5

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 41255102
Conc: 165.95 ng/ml



#20 AR-1242-5

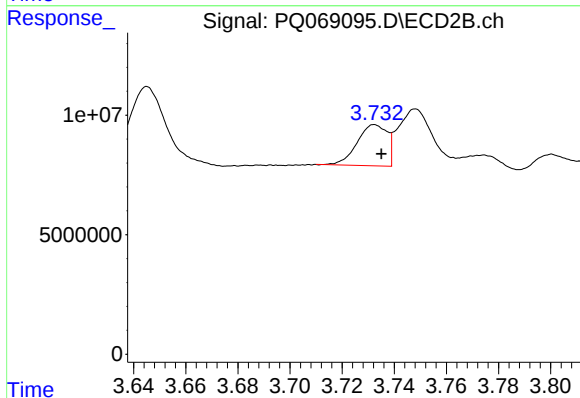
R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 67105311
Conc: 209.88 ng/ml



#21 AR-1248-1

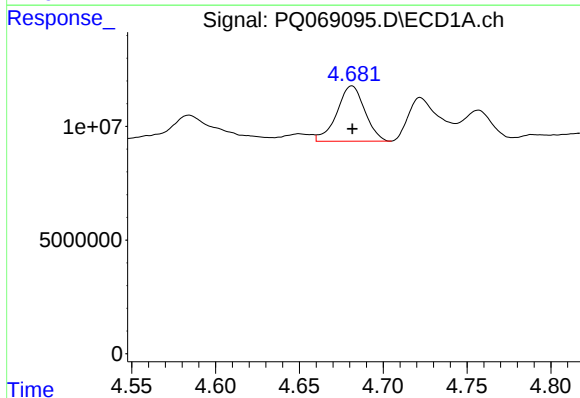
R.T.: 4.420 min
Delta R.T.: 0.001 min
Response: -3502357
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



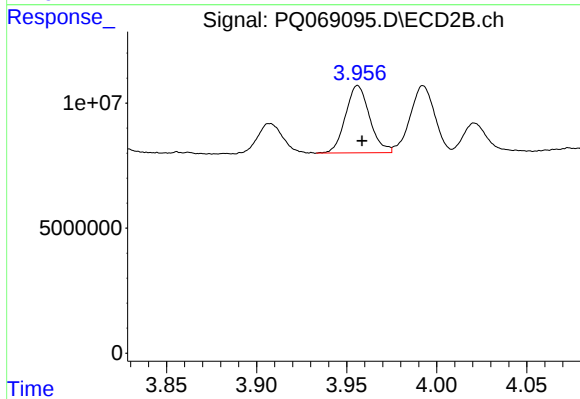
#21 AR-1248-1

R.T.: 3.732 min
Delta R.T.: -0.003 min
Response: 13736558
Conc: 55.67 ng/ml



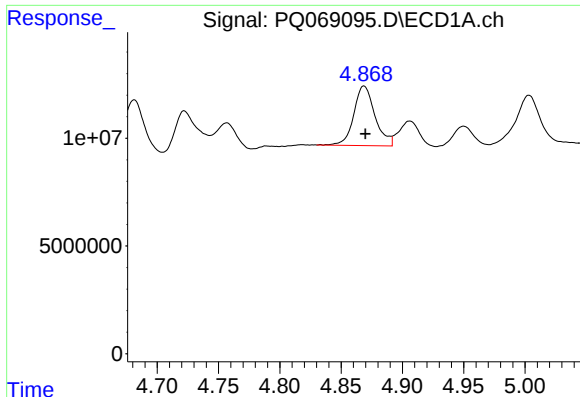
#22 AR-1248-2

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 28285952
Conc: 91.29 ng/ml



#22 AR-1248-2

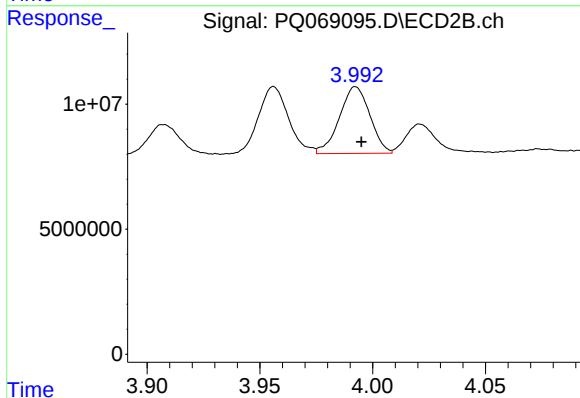
R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 25064998
Conc: 70.01 ng/ml



#23 AR-1248-3

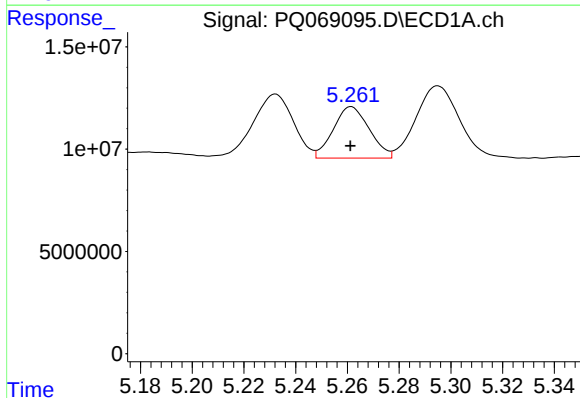
R.T.: 4.869 min
Delta R.T.: -0.001 min
Response: 33344268
Conc: 88.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



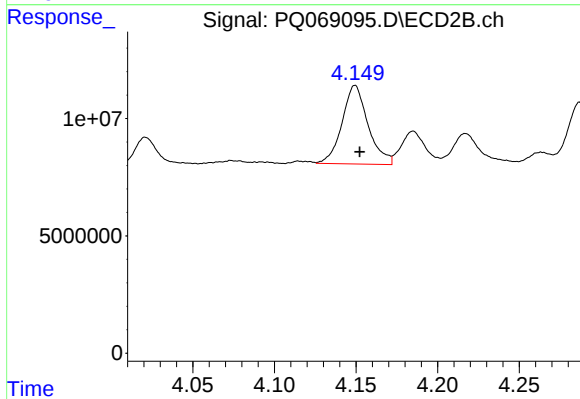
#23 AR-1248-3

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 25082960
Conc: 73.31 ng/ml



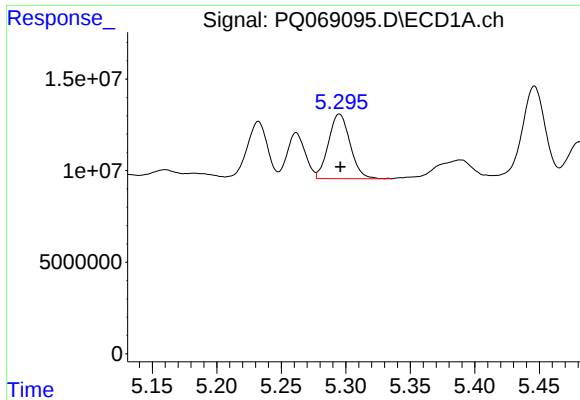
#24 AR-1248-4

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 24282497
Conc: 55.84 ng/ml



#24 AR-1248-4

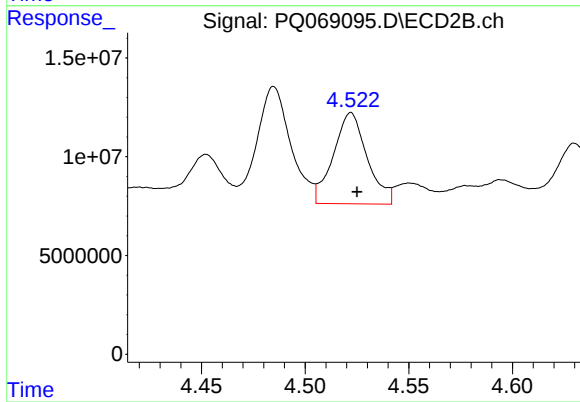
R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 37240279
Conc: 85.75 ng/ml



#25 AR-1248-5

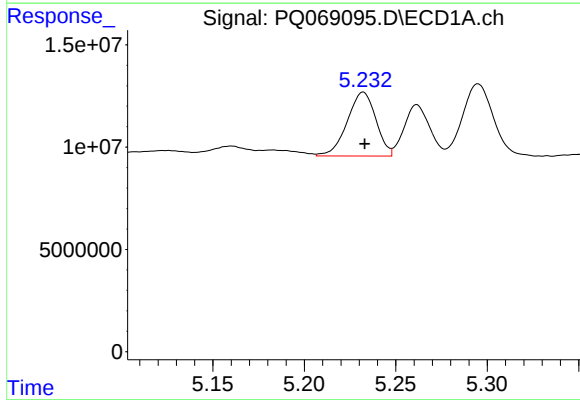
R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 41255102
Conc: 97.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



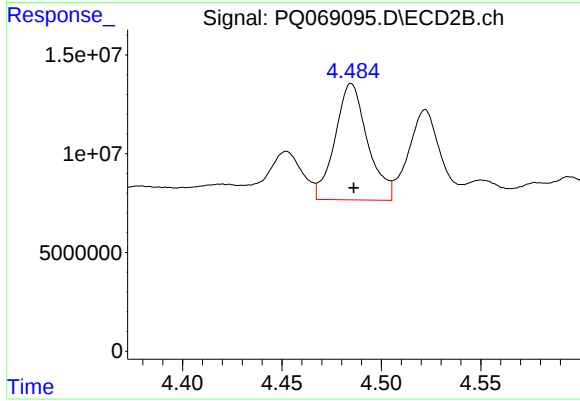
#25 AR-1248-5

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 52465460
Conc: 117.67 ng/ml



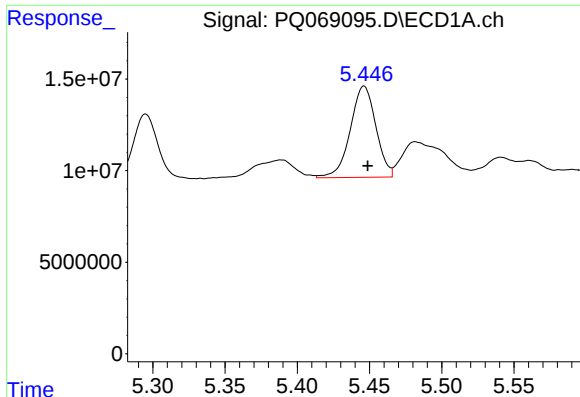
#26 AR-1254-1

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 34027191
Conc: 78.83 ng/ml



#26 AR-1254-1

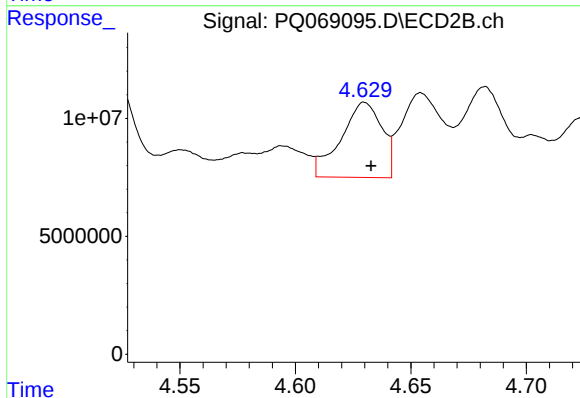
R.T.: 4.485 min
Delta R.T.: -0.001 min
Response: 67105311
Conc: 101.91 ng/ml



#27 AR-1254-2

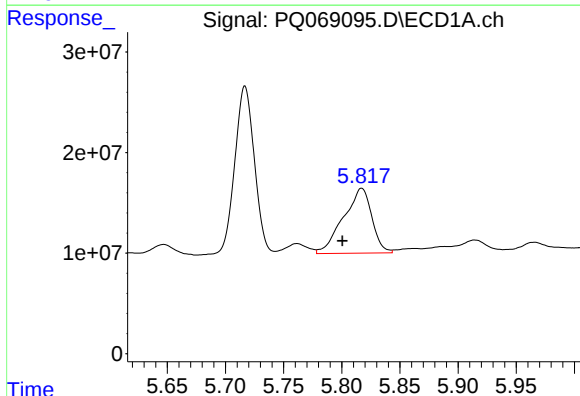
R.T.: 5.446 min
Delta R.T.: -0.002 min
Response: 61394642
Conc: 91.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



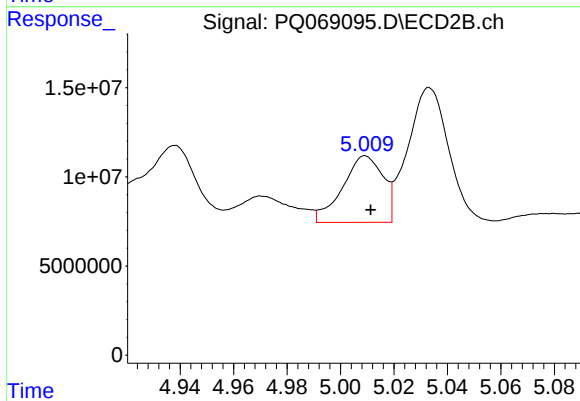
#27 AR-1254-2

R.T.: 4.630 min
Delta R.T.: -0.003 min
Response: 39434185
Conc: 68.43 ng/ml



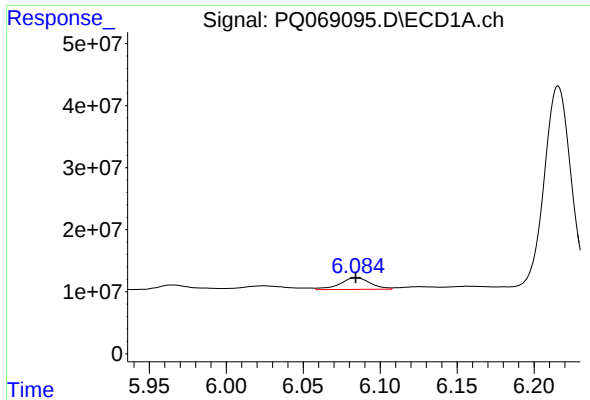
#28 AR-1254-3

R.T.: 5.817 min
Delta R.T.: 0.017 min
Response: 109684709
Conc: 150.63 ng/ml



#28 AR-1254-3

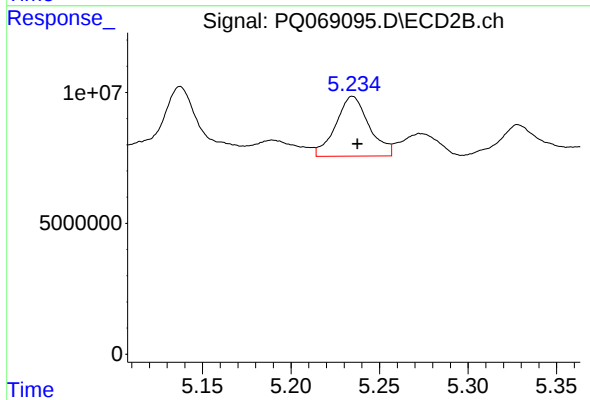
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 39222815
Conc: 42.50 ng/ml



#29 AR-1254-4

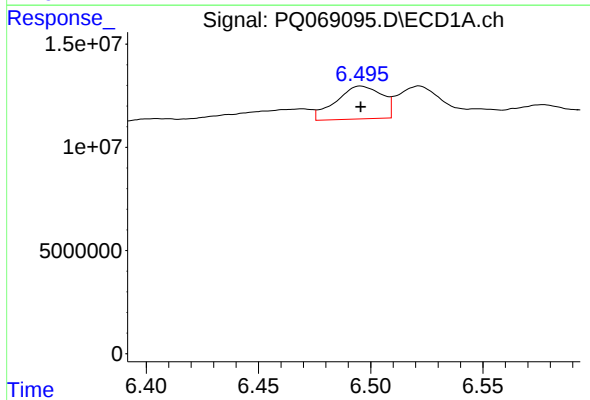
R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 26006458
Conc: 49.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



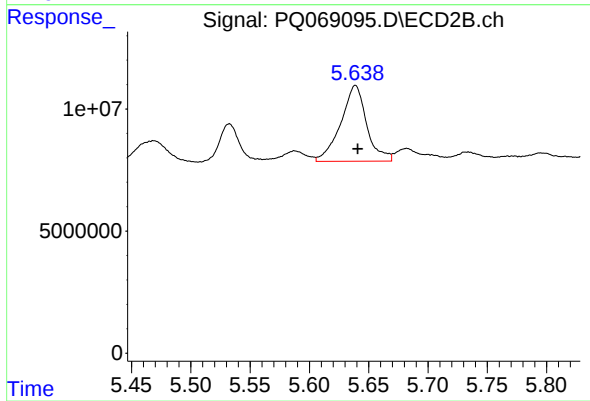
#29 AR-1254-4

R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 29986614
Conc: 49.82 ng/ml



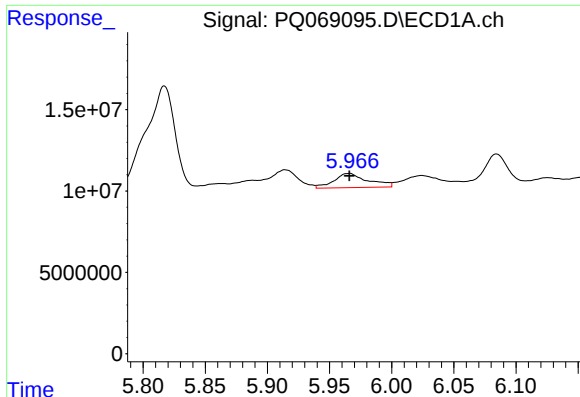
#30 AR-1254-5

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 22679409
Conc: 38.72 ng/ml



#30 AR-1254-5

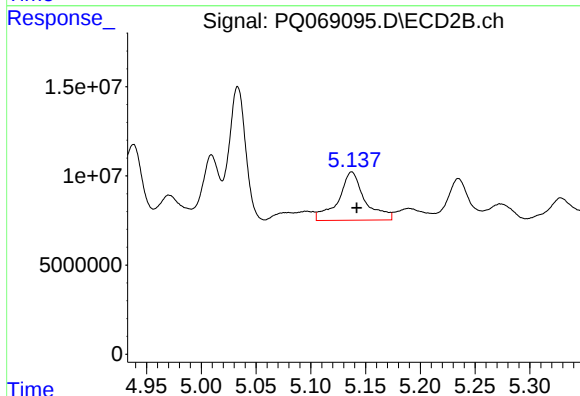
R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 47375037
Conc: 56.09 ng/ml



#31 AR-1260-1

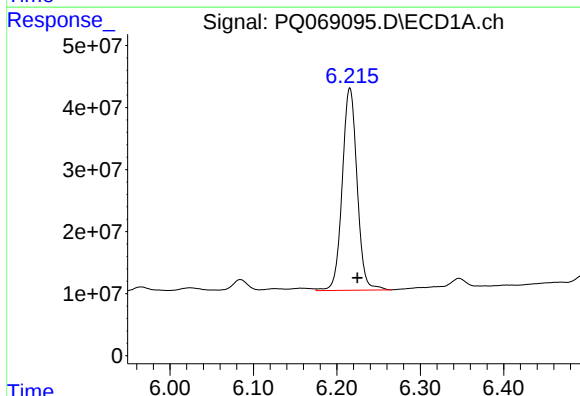
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 16635072
Conc: 34.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



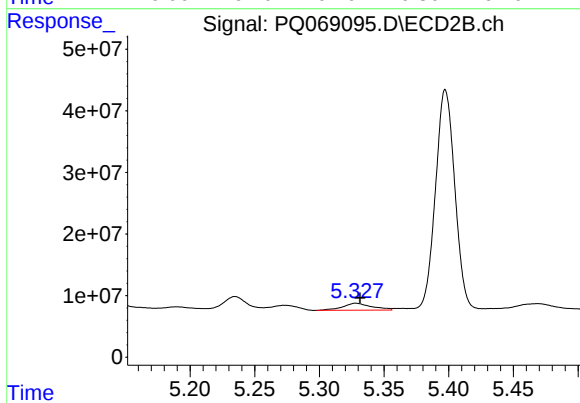
#31 AR-1260-1

R.T.: 5.137 min
Delta R.T.: -0.005 min
Response: 45603690
Conc: 79.36 ng/ml



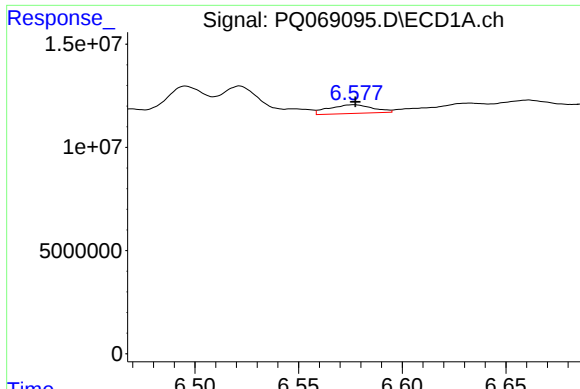
#32 AR-1260-2

R.T.: 6.216 min
Delta R.T.: -0.009 min
Response: 403563131
Conc: 682.06 ng/ml



#32 AR-1260-2

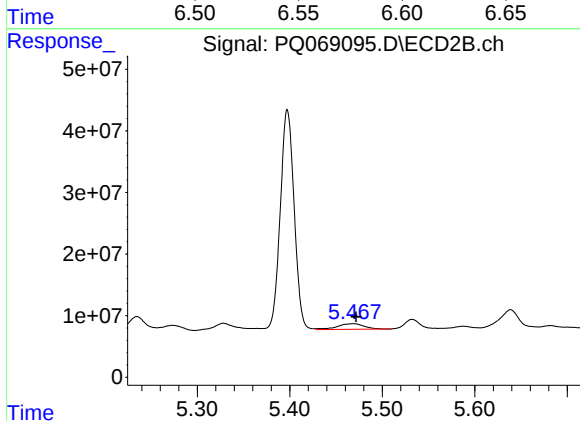
R.T.: 5.328 min
Delta R.T.: -0.003 min
Response: 17708663
Conc: 25.06 ng/ml



#33 AR-1260-3

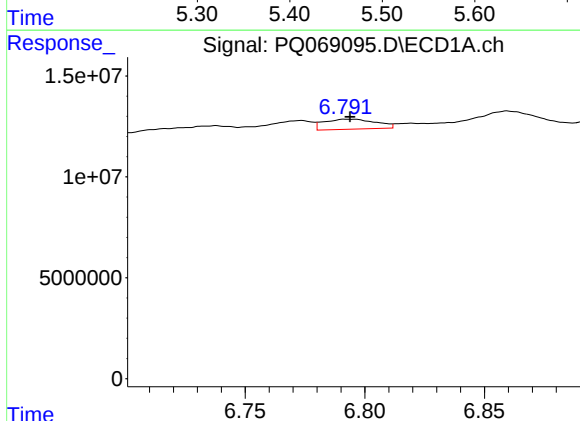
R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 6247020
Conc: 14.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



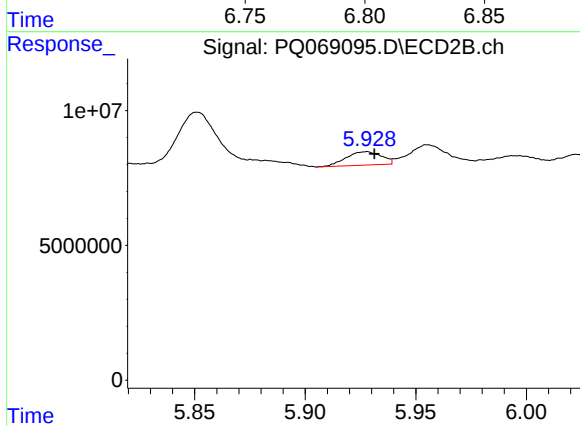
#33 AR-1260-3

R.T.: 5.469 min
Delta R.T.: -0.003 min
Response: 18245156
Conc: 27.25 ng/ml



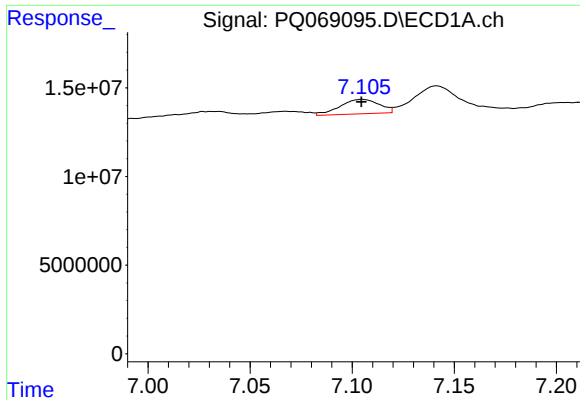
#34 AR-1260-4

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 7497404
Conc: 15.32 ng/ml



#34 AR-1260-4

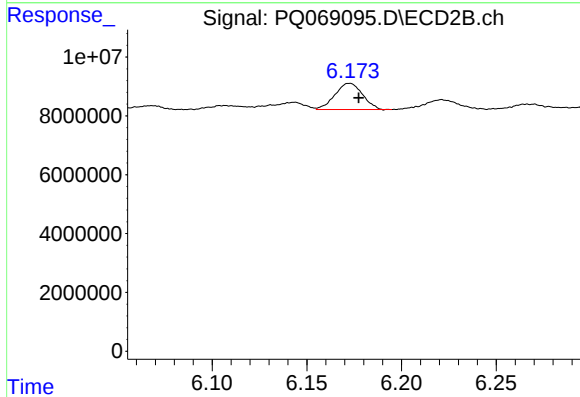
R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 5487275
Conc: 9.46 ng/ml



#35 AR-1260-5

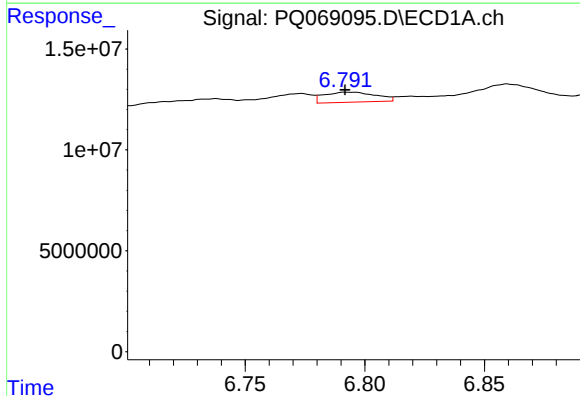
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 10941493
Conc: 10.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



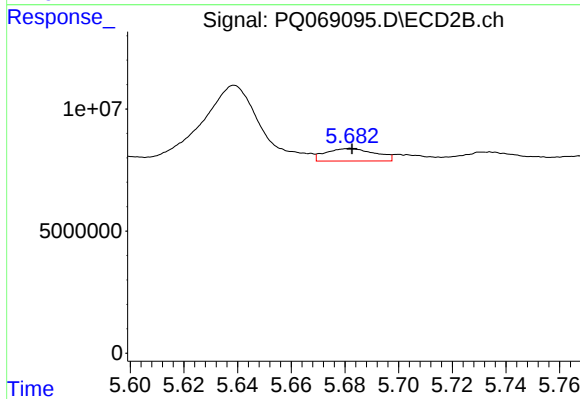
#35 AR-1260-5

R.T.: 6.173 min
Delta R.T.: -0.005 min
Response: 9074742
Conc: 6.70 ng/ml



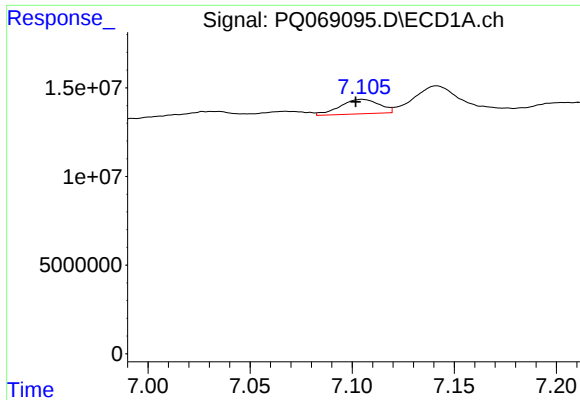
#36 AR-1262-1

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 7497404
Conc: 11.81 ng/ml



#36 AR-1262-1

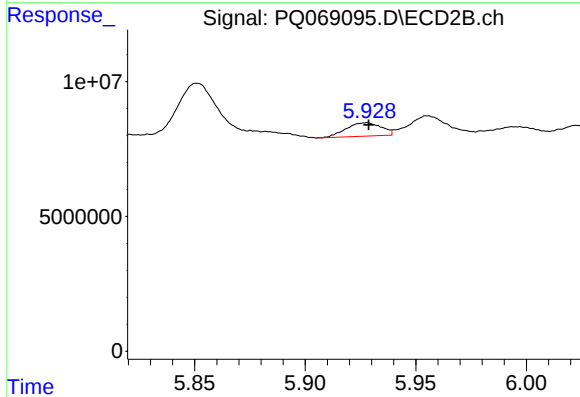
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 6577640
Conc: 7.52 ng/ml



#37 AR-1262-2

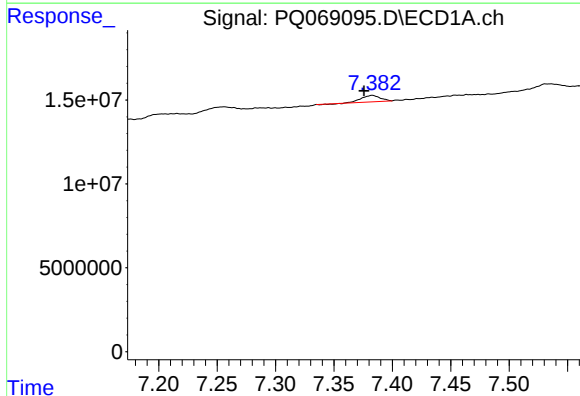
R.T.: 7.105 min
Delta R.T.: 0.003 min
Response: 10941493
Conc: 8.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



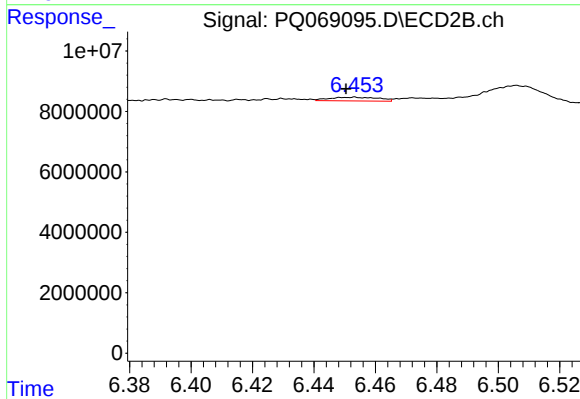
#37 AR-1262-2

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 5487275
Conc: 6.84 ng/ml



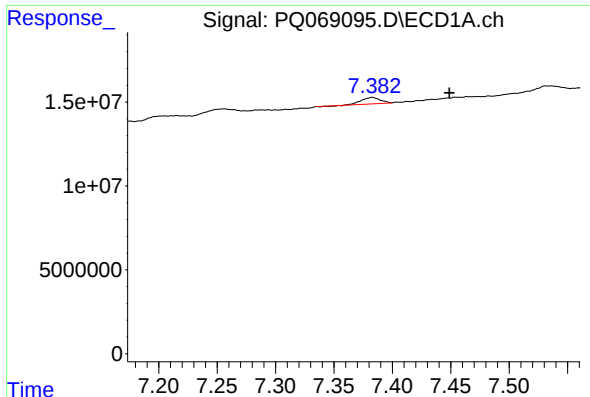
#38 AR-1262-3

R.T.: 7.383 min
Delta R.T.: 0.007 min
Response: 4086698
Conc: 5.19 ng/ml



#38 AR-1262-3

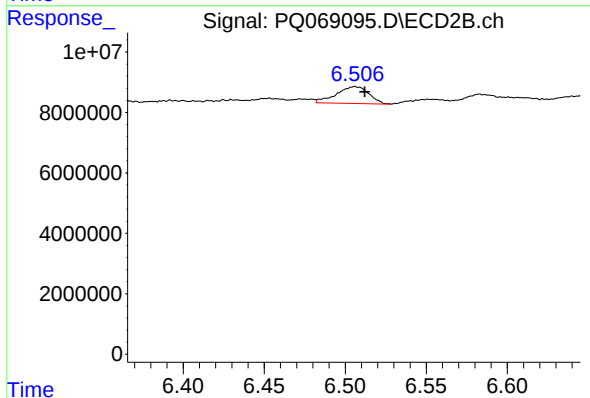
R.T.: 6.453 min
Delta R.T.: 0.003 min
Response: 1363688
Conc: 2.12 ng/ml



#39 AR-1262-4

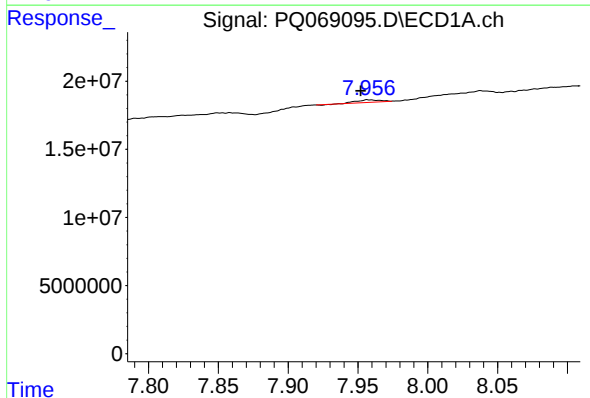
R.T.: 7.383 min
Delta R.T.: -0.066 min
Response: 4086698
Conc: 6.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



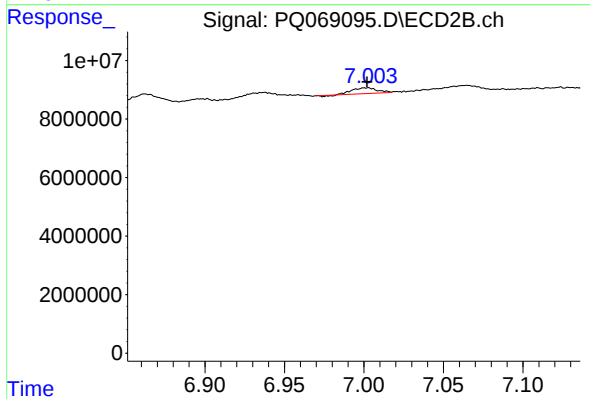
#39 AR-1262-4

R.T.: 6.506 min
Delta R.T.: -0.006 min
Response: 7812859
Conc: 6.70 ng/ml



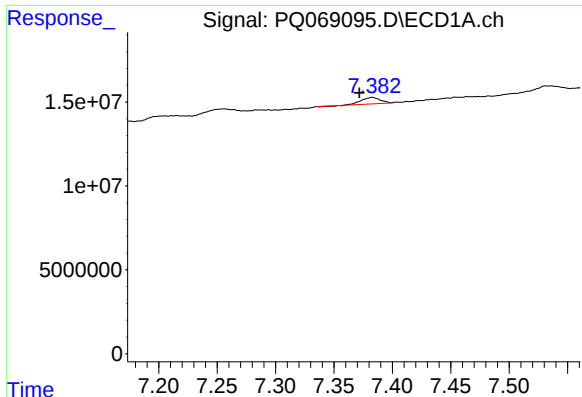
#40 AR-1262-5

R.T.: 7.957 min
Delta R.T.: 0.005 min
Response: 1968909
Conc: 5.05 ng/ml



#40 AR-1262-5

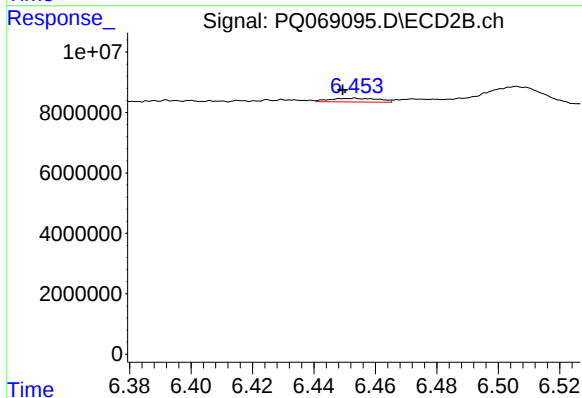
R.T.: 7.003 min
Delta R.T.: 0.001 min
Response: 2123942
Conc: 3.96 ng/ml



#41 AR-1268-1

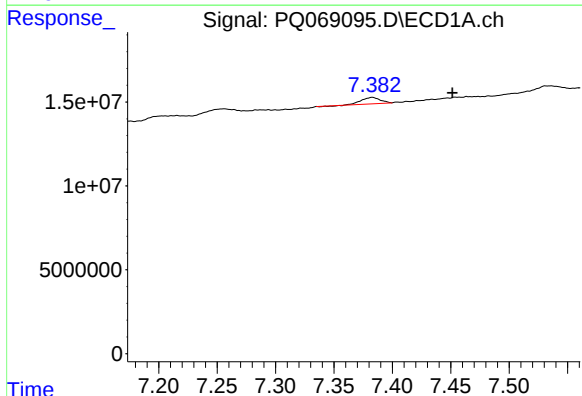
R.T.: 7.383 min
Delta R.T.: 0.011 min
Response: 4086698
Conc: 3.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



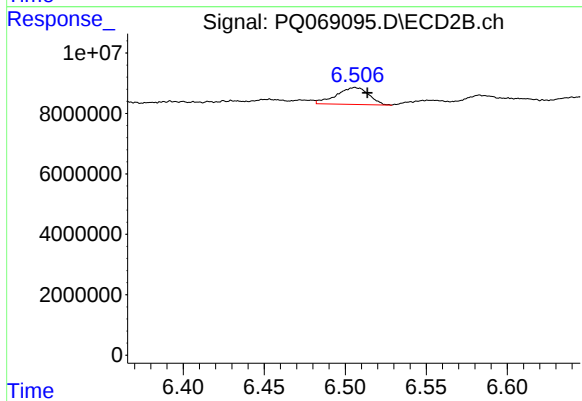
#41 AR-1268-1

R.T.: 6.453 min
Delta R.T.: 0.004 min
Response: 1363688
Conc: 0.77 ng/ml



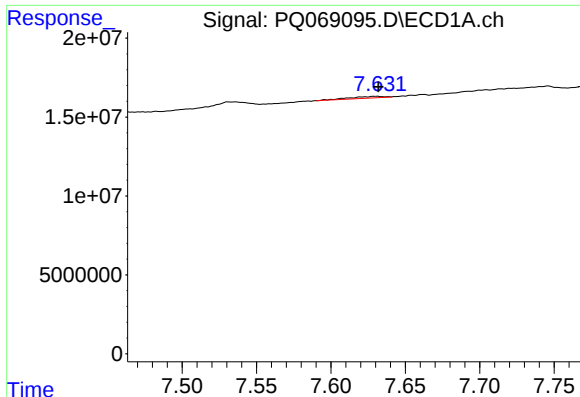
#42 AR-1268-2

R.T.: 7.383 min
Delta R.T.: -0.068 min
Response: 4086698
Conc: 3.38 ng/ml



#42 AR-1268-2

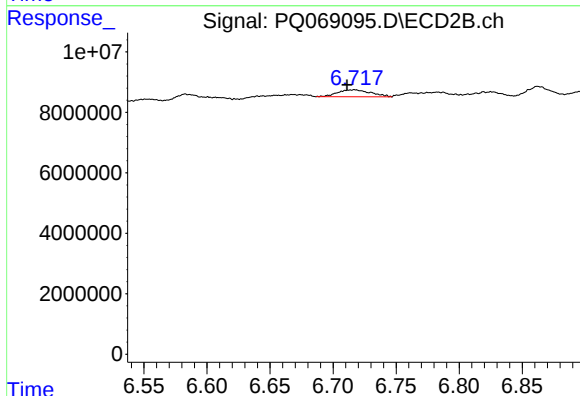
R.T.: 6.506 min
Delta R.T.: -0.008 min
Response: 7812859
Conc: 4.75 ng/ml



#43 AR-1268-3

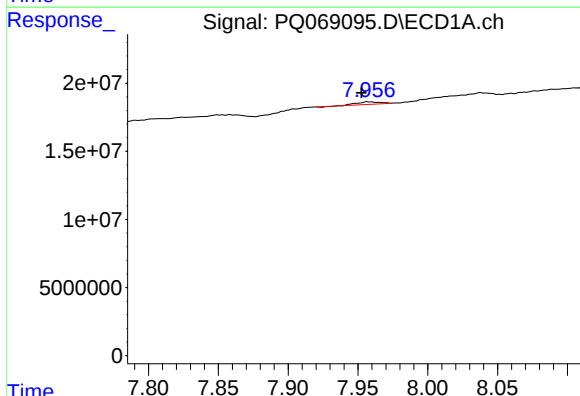
R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 1767466
Conc: 1.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



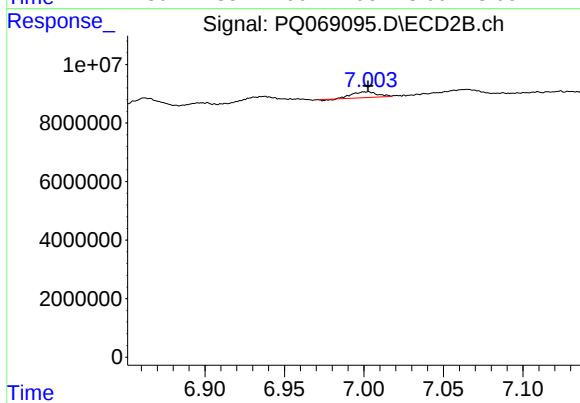
#43 AR-1268-3

R.T.: 6.717 min
Delta R.T.: 0.006 min
Response: 4195270
Conc: 2.97 ng/ml



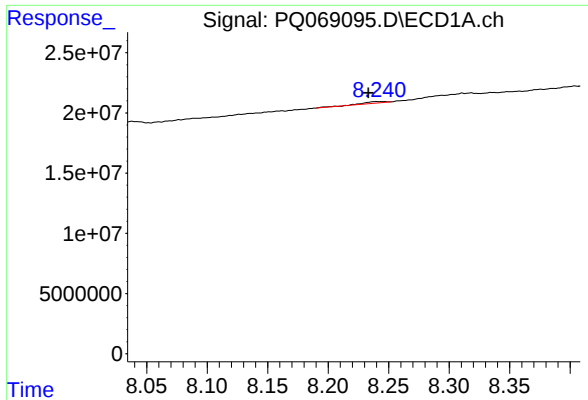
#44 AR-1268-4

R.T.: 7.957 min
Delta R.T.: 0.005 min
Response: 1968909
Conc: 4.78 ng/ml



#44 AR-1268-4

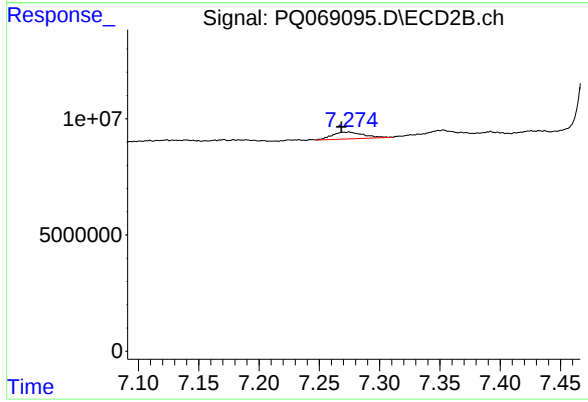
R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 2123942
Conc: 3.72 ng/ml



#45 AR-1268-5

R.T.: 8.240 min
Delta R.T.: 0.007 min
Response: 1791811
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.275 min
Delta R.T.: 0.007 min
Response: 5371912
Conc: 1.24 ng/ml