

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
 Data File : PQ062017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2023 20:17
 Operator : YP\AJ
 Sample : 03531-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 008

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:22:01 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...	3.411	2.770	50663472	28368564	10.386	11.306
2)	SA Decachlor...	8.583	7.529	67193166	56236639	18.496	16.877
Target Compounds							
3)	L1 AR-1016-1	4.515	3.774	38561552	24882618	234.107	251.402
4)	L1 AR-1016-2	4.515	3.774	38561552	24882618	155.950	172.558
5)	L1 AR-1016-3	4.592	3.948	37422995	18057603	245.549	239.355
6)	L1 AR-1016-4	4.682	3.998	30907616	16334480	246.580	248.701
7)	L1 AR-1016-5	4.970	4.191	30661892	19518474	251.912	238.084
8)	L2 AR-1221-1	3.608	2.970	6454773	3448292	107.387	104.505
9)	L2 AR-1221-2	3.691	3.048	6687297	3779202	148.829	148.787
10)	L2 AR-1221-3	3.761	3.116	27316802	15769584	194.400	204.558
11)	L3 AR-1232-1	3.761	3.116	27316802	15769584	258.679	275.217
12)	L3 AR-1232-2	4.255	3.774	30493564	24882618	515.519	373.866 #
13)	L3 AR-1232-3	4.515	3.948	38561552	18057603	341.010	522.576 #
14)	L3 AR-1232-4	4.682	4.035	30907616	17739741	545.431	596.498
15)	L3 AR-1232-5	4.780	4.191	24412986	19518474	609.563	547.336
16)	L4 AR-1242-1	4.515	3.774	38561552	24882618	295.029	321.734
17)	L4 AR-1242-2	4.515	3.774	38561552	24882618	198.629	223.848
18)	L4 AR-1242-3	4.592	3.948	37422995	18057603	309.680	308.276
19)	L4 AR-1242-4	4.682	4.035	30907616	17739741	317.048	302.580
20)	L4 AR-1242-5	5.398	4.527	31837478	23041818	332.576	277.972
21)	L5 AR-1248-1	4.515	3.774	38561552	24882618	370.860	397.992
22)	L5 AR-1248-2	4.780	3.998	24412986	16334480	169.933	174.200
23)	L5 AR-1248-3	4.970	4.035	30661892	17739741	176.509	195.925
24)	L5 AR-1248-4	5.363	4.191	30588075	19518474	159.371	172.976
25)	L5 AR-1248-5	5.398	4.564	31837478	19827181	175.779	176.977
26)	L6 AR-1254-1	5.334	4.527	24168814	23041818	130.065	142.707
27)	L6 AR-1254-2	5.548	4.673	28004506	4339275	96.330	29.474 #
28)	L6 AR-1254-3	5.904	5.051	10134273	8261183	32.996	35.349
29)	L6 AR-1254-4	6.188	5.277	8597042	3830887	37.025	25.135 #
30)	L6 AR-1254-5	6.598	5.680	1801983	1735451	7.015	7.519
31)	L7 AR-1260-1	6.073	5.182	3164945	3045258	13.415	18.284 #
32)	L7 AR-1260-2	6.298	5.361	1573702	3672962	5.449	17.663 #
33)	L7 AR-1260-3	6.647f	5.504	753217	1698945	4.266	8.732 #
34)	L7 AR-1260-4	6.921f	5.960	688522	4003028	3.269	27.444 #
35)	L7 AR-1260-5	0.000	6.187f	0	267153	N.D.	0.805 #
36)	L8 AR-1262-1	6.647f	5.733	753217	3598287	2.470	15.478 #
37)	L8 AR-1262-2	0.000	5.960	0	4003028	N.D.	18.515 #
38)	L8 AR-1262-3	7.469	6.493	2509867	387848	7.124	2.225 #
39)	L8 AR-1262-4	7.520f	0.000	7389499	0	27.705	N.D. #
40)	L8 AR-1262-5	8.063	7.055	482123	672609	2.716	4.336 #
41)	L9 AR-1268-1	7.469	6.493	2509867	387848	4.423	0.824 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
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Acq On : 07 Jul 2023 20:17
Operator : YP\AJ
Sample : 03531-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

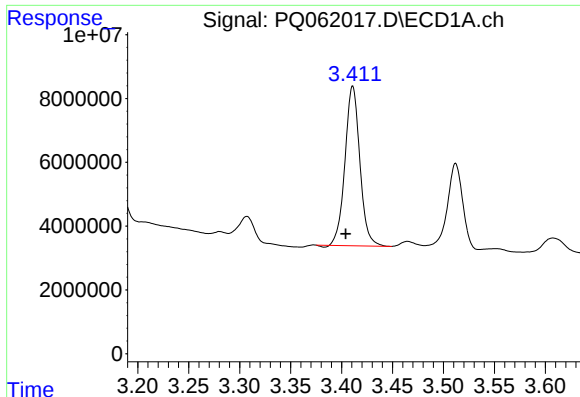
Instrument :
ECD_Q
ClientSampleId :
008

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:22:01 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	7.520f	0.000	7389499	0	14.493	N.D. #
43)	L9 AR-1268-3	0.000	6.724f	0	3746938	N.D.	10.173 #
44)	L9 AR-1268-4	8.063	7.055	482123	672609	2.635	4.205 #
45)	L9 AR-1268-5	8.375f	7.328	1436625	432489	1.139	0.371 #

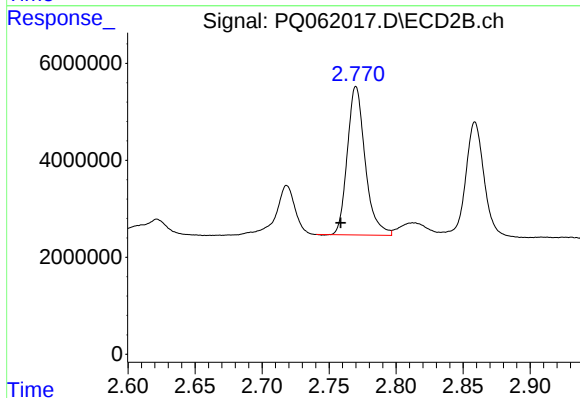
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

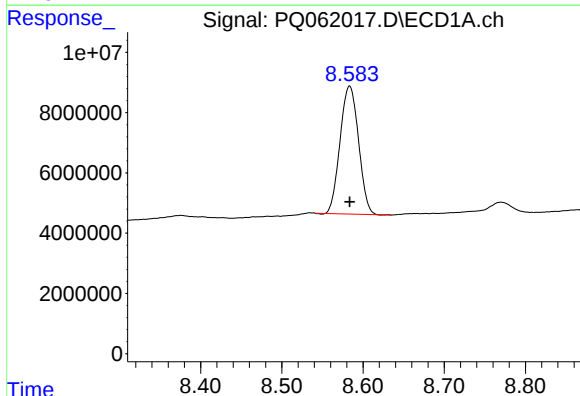
R.T.: 3.411 min
Delta R.T.: 0.007 min
Response: 50663472
Conc: 10.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



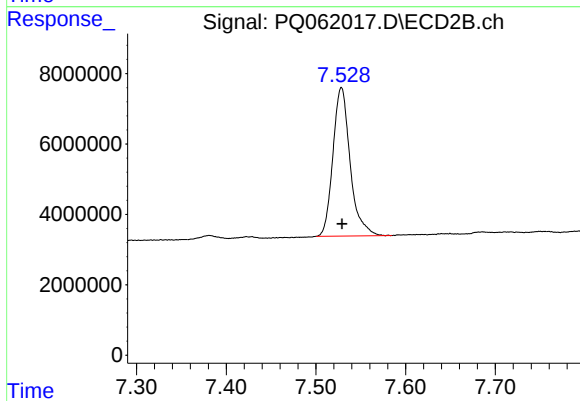
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: 0.011 min
Response: 28368564
Conc: 11.31 ng/ml



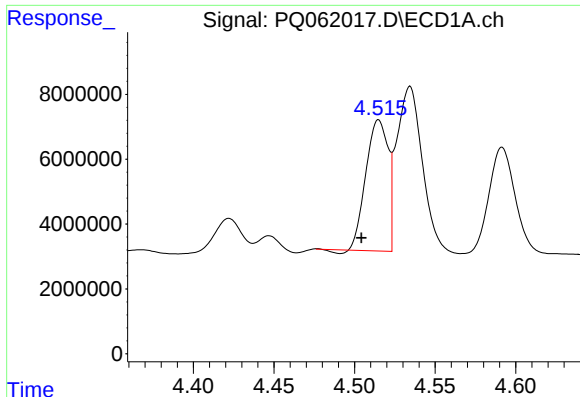
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 67193166
Conc: 18.50 ng/ml



#2 Decachlorobiphenyl

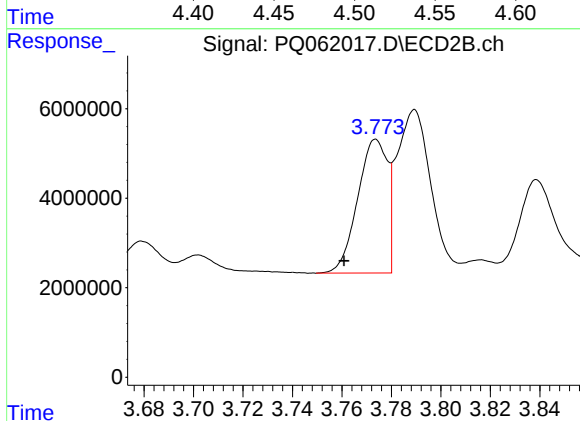
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 56236639
Conc: 16.88 ng/ml



#3 AR-1016-1

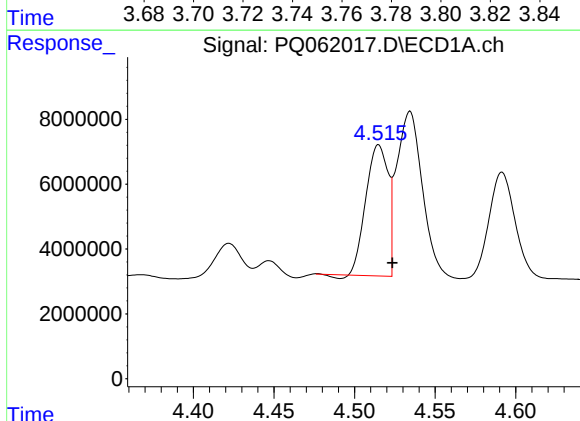
R.T.: 4.515 min
Delta R.T.: 0.011 min
Response: 38561552
Conc: 234.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



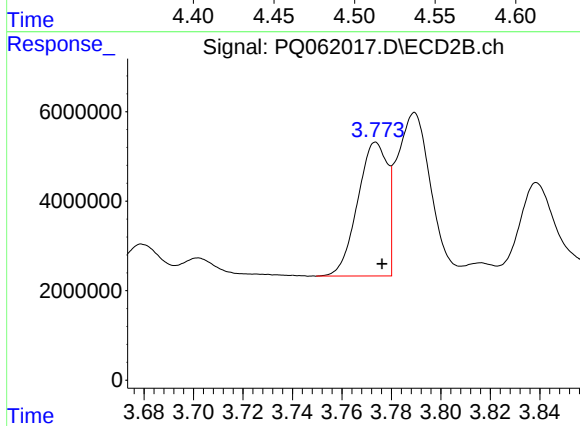
#3 AR-1016-1

R.T.: 3.774 min
Delta R.T.: 0.013 min
Response: 24882618
Conc: 251.40 ng/ml



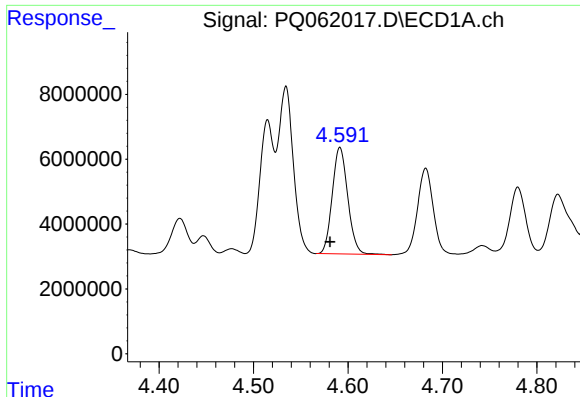
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.009 min
Response: 38561552
Conc: 155.95 ng/ml



#4 AR-1016-2

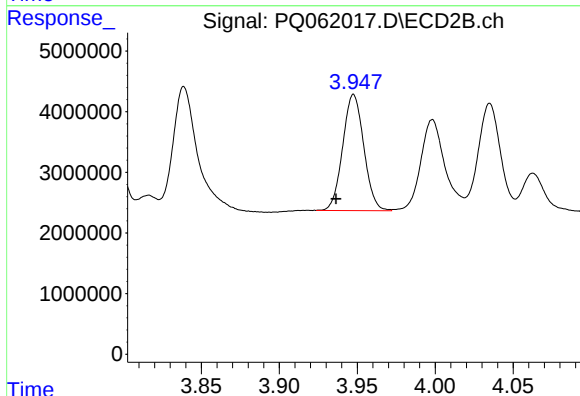
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 24882618
Conc: 172.56 ng/ml



#5 AR-1016-3

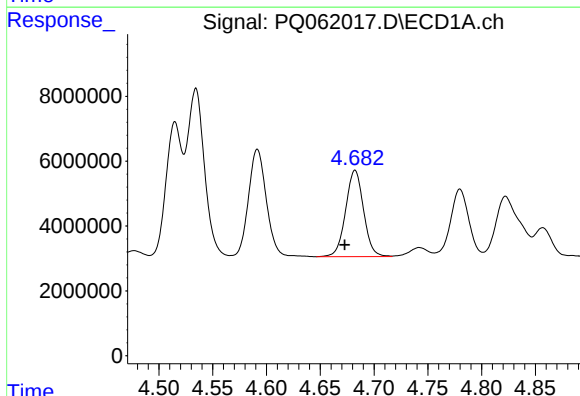
R.T.: 4.592 min
Delta R.T.: 0.010 min
Response: 37422995
Conc: 245.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



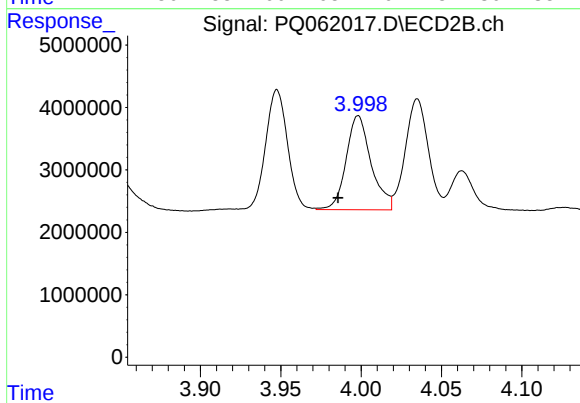
#5 AR-1016-3

R.T.: 3.948 min
Delta R.T.: 0.011 min
Response: 18057603
Conc: 239.36 ng/ml



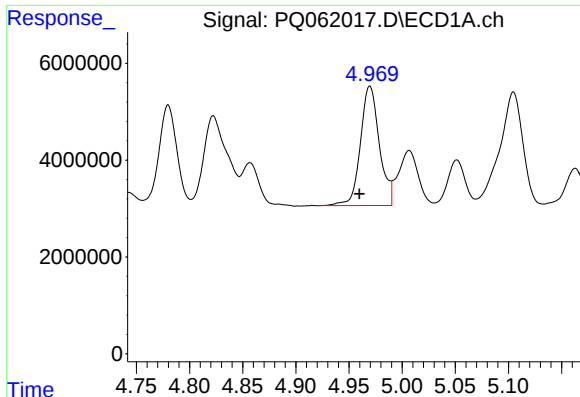
#6 AR-1016-4

R.T.: 4.682 min
Delta R.T.: 0.010 min
Response: 30907616
Conc: 246.58 ng/ml



#6 AR-1016-4

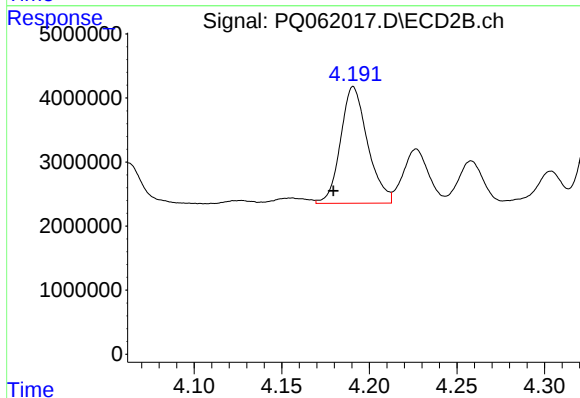
R.T.: 3.998 min
Delta R.T.: 0.013 min
Response: 16334480
Conc: 248.70 ng/ml



#7 AR-1016-5

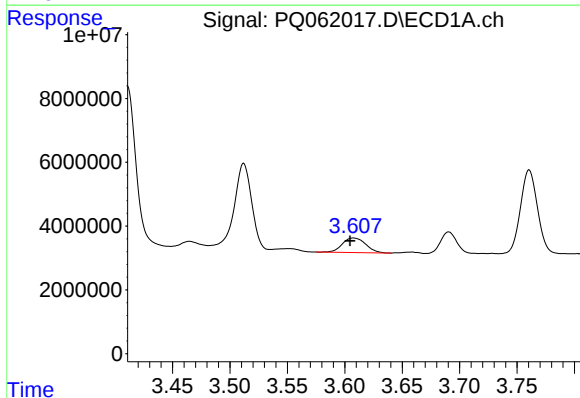
R.T.: 4.970 min
Delta R.T.: 0.010 min
Response: 30661892
Conc: 251.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



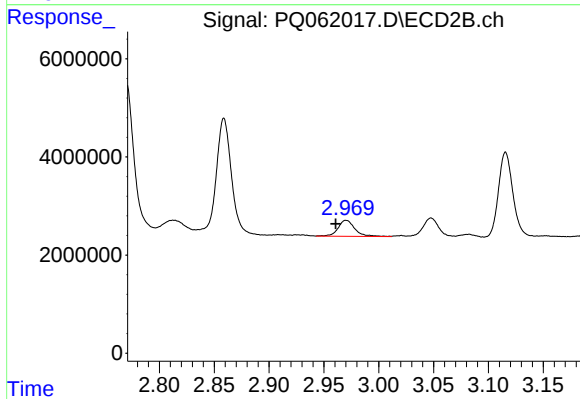
#7 AR-1016-5

R.T.: 4.191 min
Delta R.T.: 0.011 min
Response: 19518474
Conc: 238.08 ng/ml



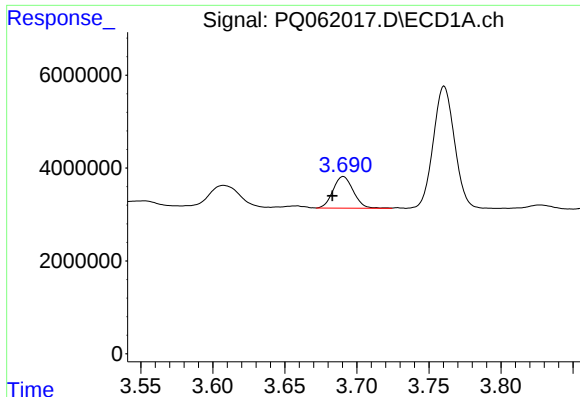
#8 AR-1221-1

R.T.: 3.608 min
Delta R.T.: 0.003 min
Response: 6454773
Conc: 107.39 ng/ml



#8 AR-1221-1

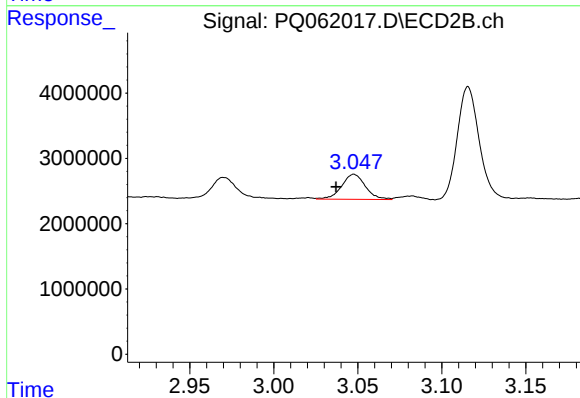
R.T.: 2.970 min
Delta R.T.: 0.009 min
Response: 3448292
Conc: 104.50 ng/ml



#9 AR-1221-2

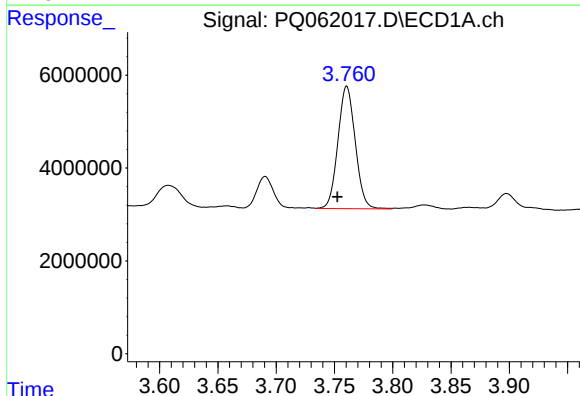
R.T.: 3.691 min
Delta R.T.: 0.007 min
Response: 6687297
Conc: 148.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



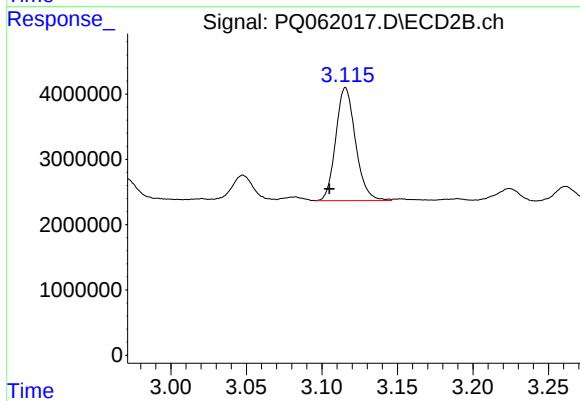
#9 AR-1221-2

R.T.: 3.048 min
Delta R.T.: 0.011 min
Response: 3779202
Conc: 148.79 ng/ml



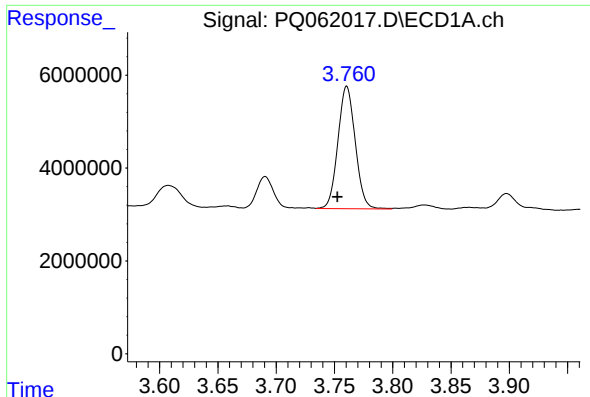
#10 AR-1221-3

R.T.: 3.761 min
Delta R.T.: 0.008 min
Response: 27316802
Conc: 194.40 ng/ml



#10 AR-1221-3

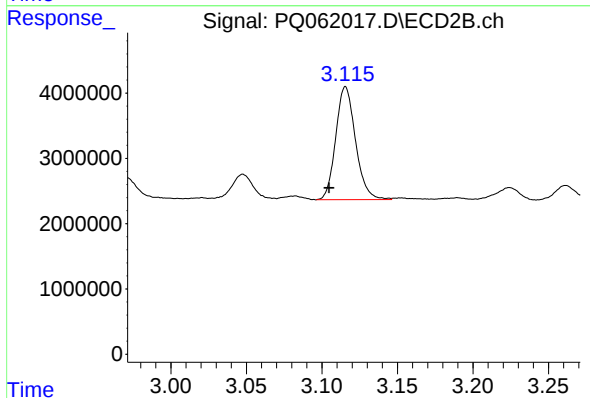
R.T.: 3.116 min
Delta R.T.: 0.011 min
Response: 15769584
Conc: 204.56 ng/ml



#11 AR-1232-1

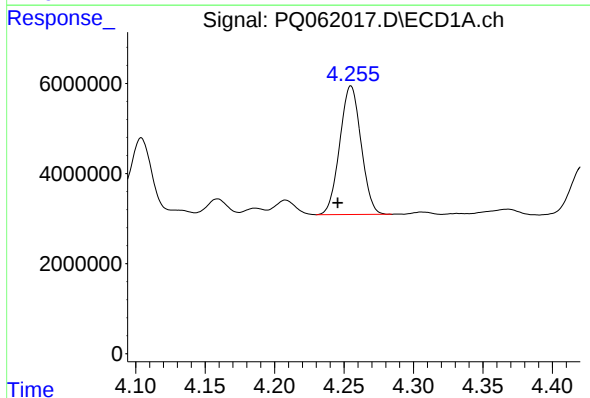
R.T.: 3.761 min
Delta R.T.: 0.008 min
Response: 27316802
Conc: 258.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



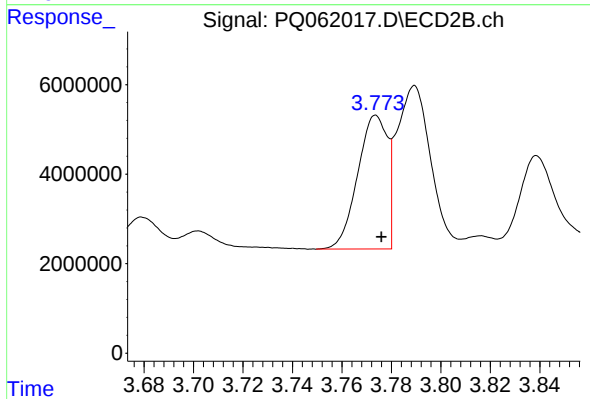
#11 AR-1232-1

R.T.: 3.116 min
Delta R.T.: 0.011 min
Response: 15769584
Conc: 275.22 ng/ml



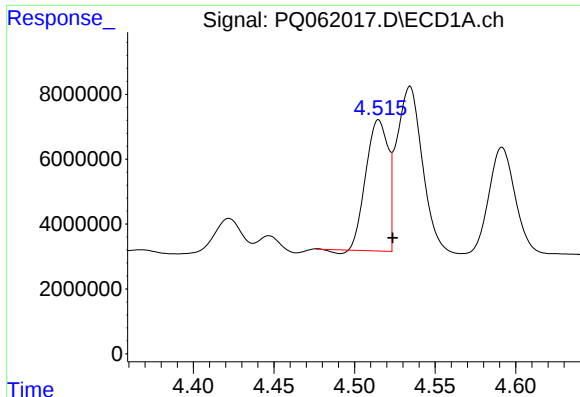
#12 AR-1232-2

R.T.: 4.255 min
Delta R.T.: 0.009 min
Response: 30493564
Conc: 515.52 ng/ml



#12 AR-1232-2

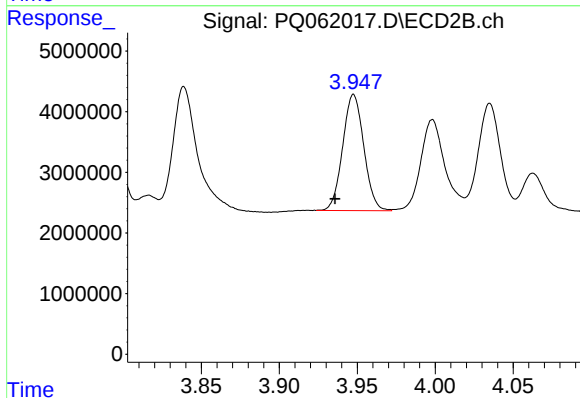
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 24882618
Conc: 373.87 ng/ml



#13 AR-1232-3

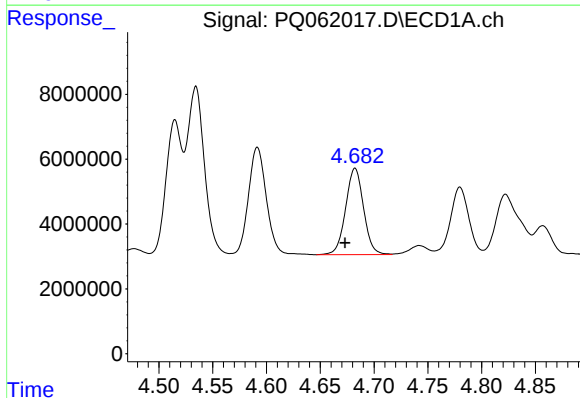
R.T.: 4.515 min
Delta R.T.: -0.009 min
Response: 38561552
Conc: 341.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



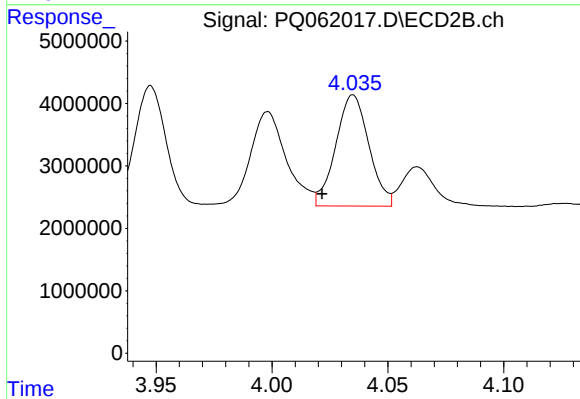
#13 AR-1232-3

R.T.: 3.948 min
Delta R.T.: 0.012 min
Response: 18057603
Conc: 522.58 ng/ml



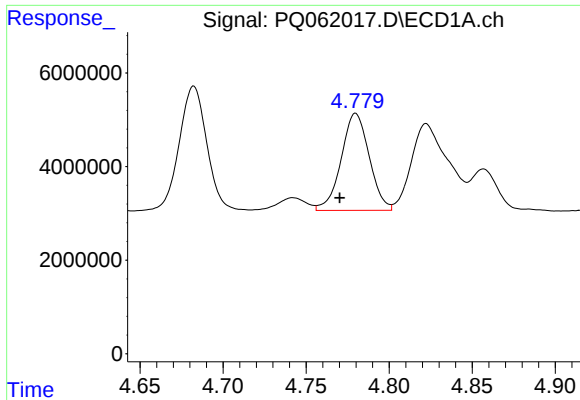
#14 AR-1232-4

R.T.: 4.682 min
Delta R.T.: 0.009 min
Response: 30907616
Conc: 545.43 ng/ml



#14 AR-1232-4

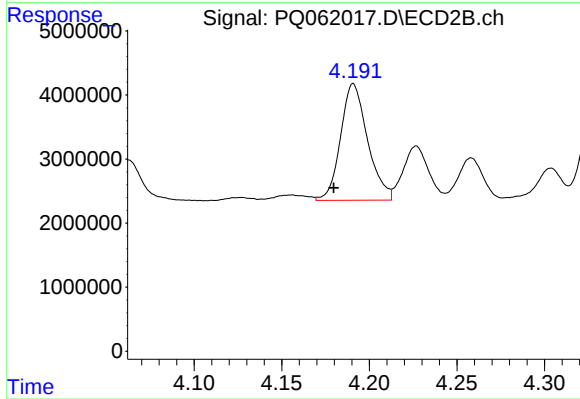
R.T.: 4.035 min
Delta R.T.: 0.013 min
Response: 17739741
Conc: 596.50 ng/ml



#15 AR-1232-5

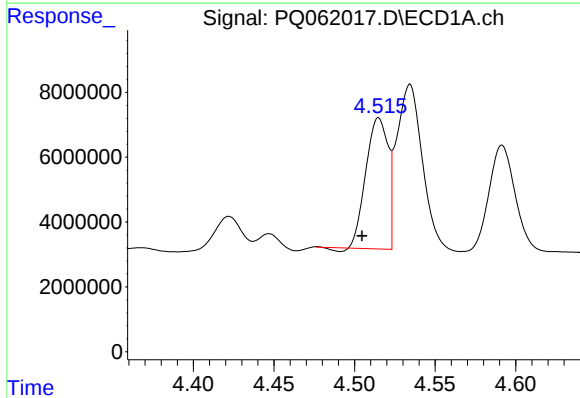
R.T.: 4.780 min
Delta R.T.: 0.010 min
Response: 24412986
Conc: 609.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



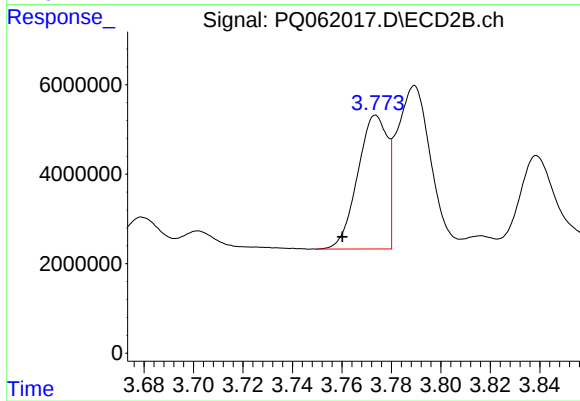
#15 AR-1232-5

R.T.: 4.191 min
Delta R.T.: 0.011 min
Response: 19518474
Conc: 547.34 ng/ml



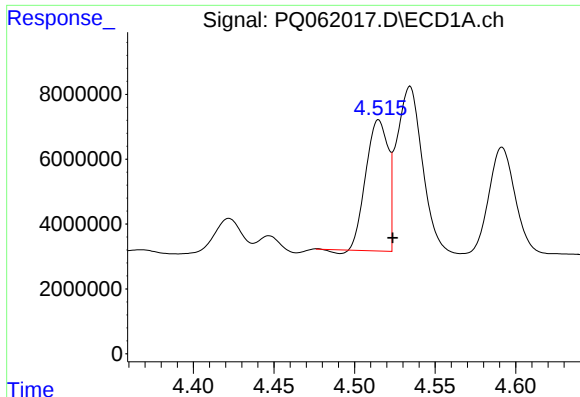
#16 AR-1242-1

R.T.: 4.515 min
Delta R.T.: 0.010 min
Response: 38561552
Conc: 295.03 ng/ml



#16 AR-1242-1

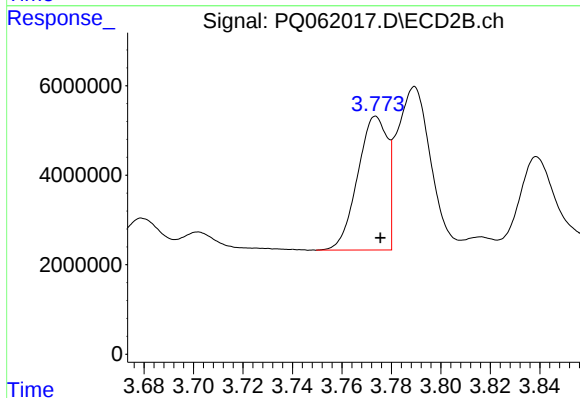
R.T.: 3.774 min
Delta R.T.: 0.013 min
Response: 24882618
Conc: 321.73 ng/ml



#17 AR-1242-2

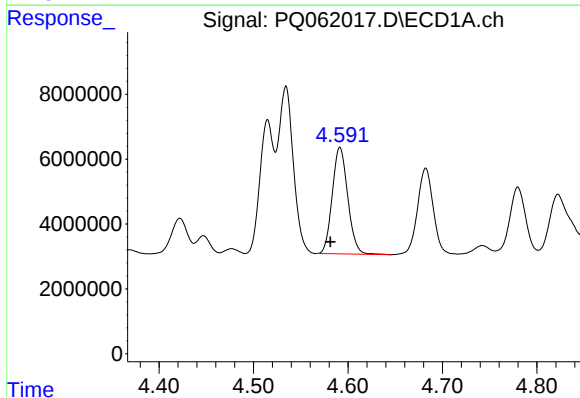
R.T.: 4.515 min
Delta R.T.: -0.009 min
Response: 38561552
Conc: 198.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



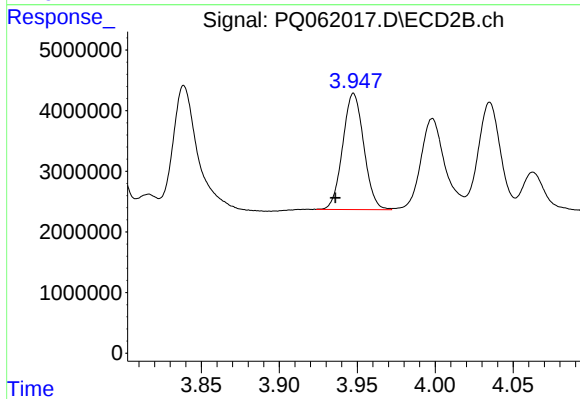
#17 AR-1242-2

R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 24882618
Conc: 223.85 ng/ml



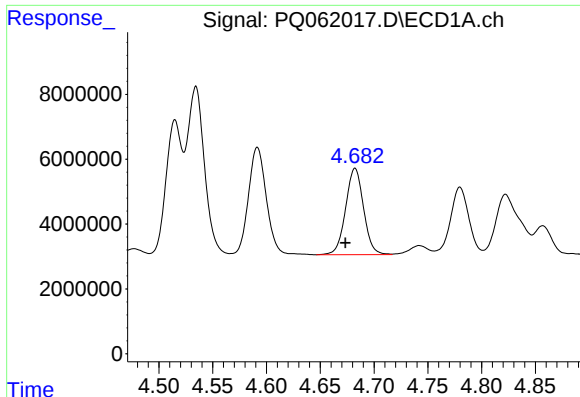
#18 AR-1242-3

R.T.: 4.592 min
Delta R.T.: 0.010 min
Response: 37422995
Conc: 309.68 ng/ml



#18 AR-1242-3

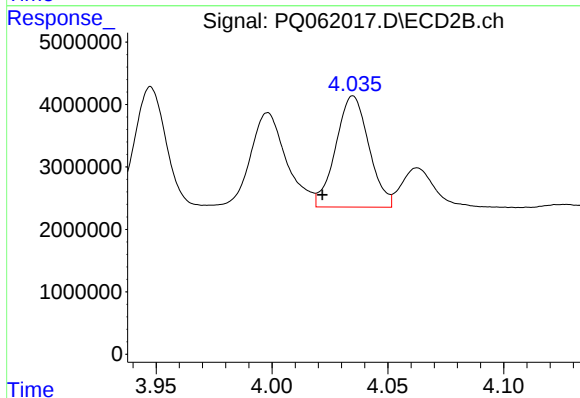
R.T.: 3.948 min
Delta R.T.: 0.012 min
Response: 18057603
Conc: 308.28 ng/ml



#19 AR-1242-4

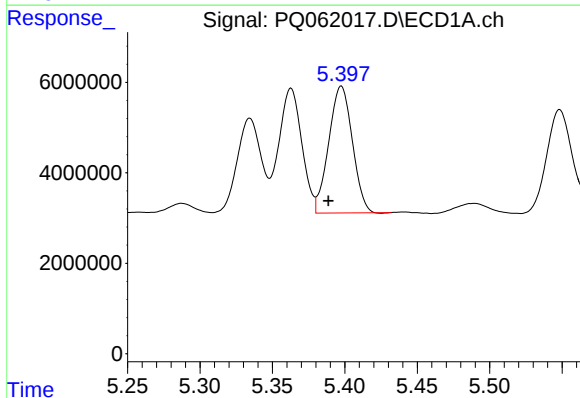
R.T.: 4.682 min
Delta R.T.: 0.009 min
Response: 30907616
Conc: 317.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



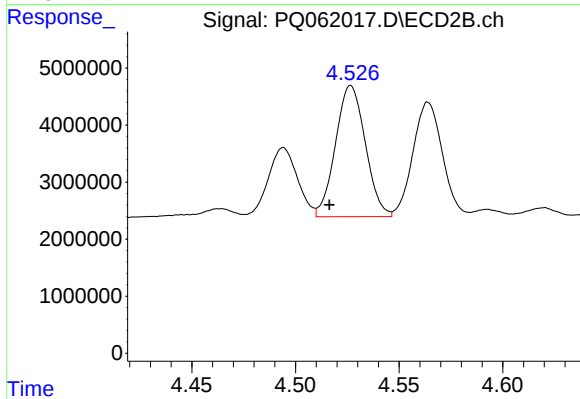
#19 AR-1242-4

R.T.: 4.035 min
Delta R.T.: 0.013 min
Response: 17739741
Conc: 302.58 ng/ml



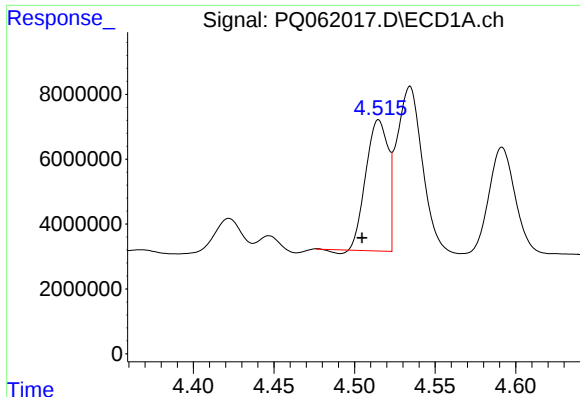
#20 AR-1242-5

R.T.: 5.398 min
Delta R.T.: 0.009 min
Response: 31837478
Conc: 332.58 ng/ml



#20 AR-1242-5

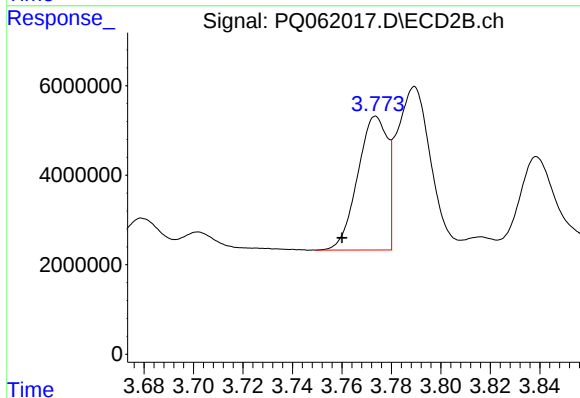
R.T.: 4.527 min
Delta R.T.: 0.010 min
Response: 23041818
Conc: 277.97 ng/ml



#21 AR-1248-1

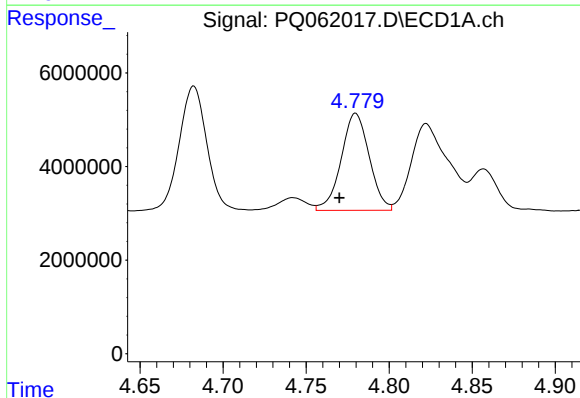
R.T.: 4.515 min
Delta R.T.: 0.010 min
Response: 38561552
Conc: 370.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



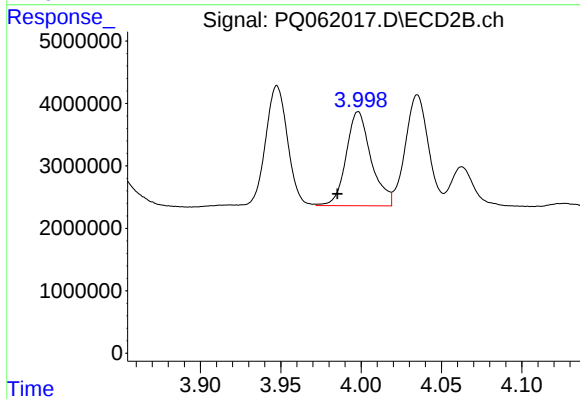
#21 AR-1248-1

R.T.: 3.774 min
Delta R.T.: 0.014 min
Response: 24882618
Conc: 397.99 ng/ml



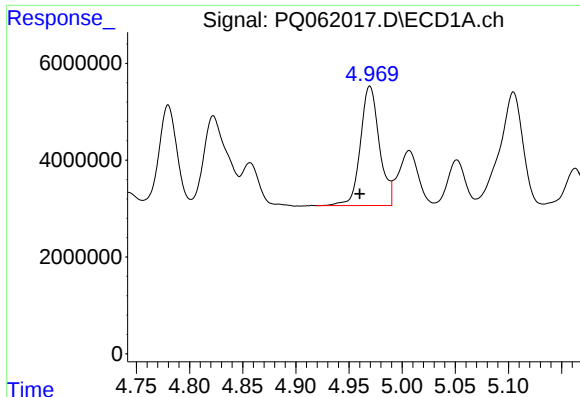
#22 AR-1248-2

R.T.: 4.780 min
Delta R.T.: 0.010 min
Response: 24412986
Conc: 169.93 ng/ml



#22 AR-1248-2

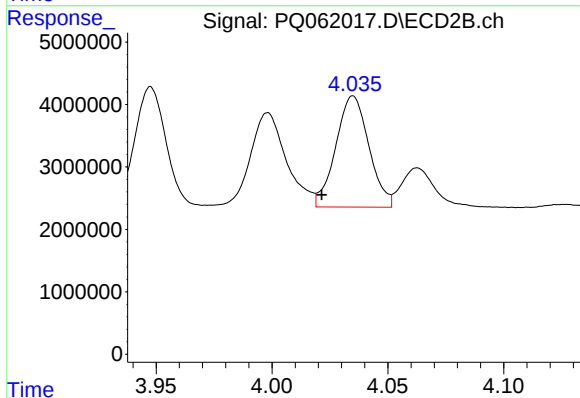
R.T.: 3.998 min
Delta R.T.: 0.013 min
Response: 16334480
Conc: 174.20 ng/ml



#23 AR-1248-3

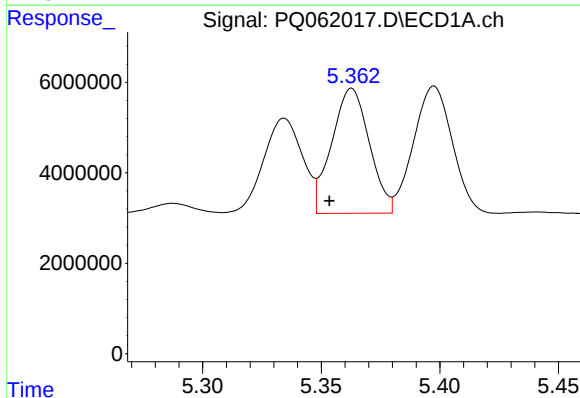
R.T.: 4.970 min
Delta R.T.: 0.010 min
Response: 30661892
Conc: 176.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



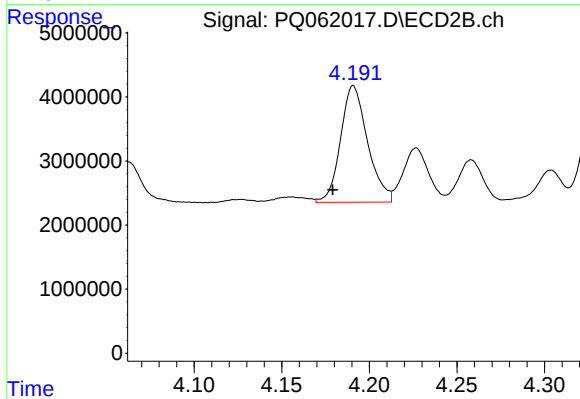
#23 AR-1248-3

R.T.: 4.035 min
Delta R.T.: 0.013 min
Response: 17739741
Conc: 195.92 ng/ml



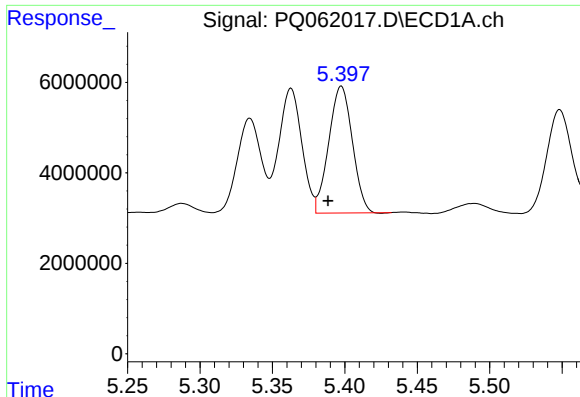
#24 AR-1248-4

R.T.: 5.363 min
Delta R.T.: 0.009 min
Response: 30588075
Conc: 159.37 ng/ml



#24 AR-1248-4

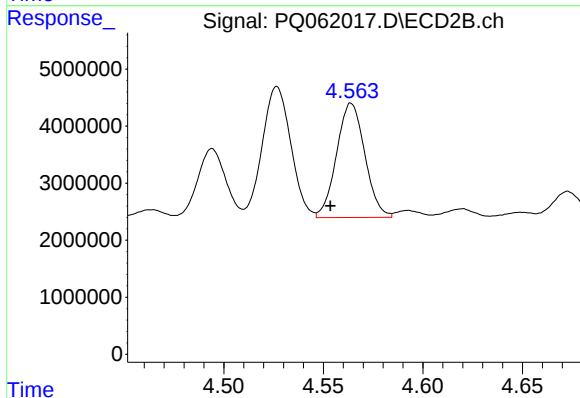
R.T.: 4.191 min
Delta R.T.: 0.012 min
Response: 19518474
Conc: 172.98 ng/ml



#25 AR-1248-5

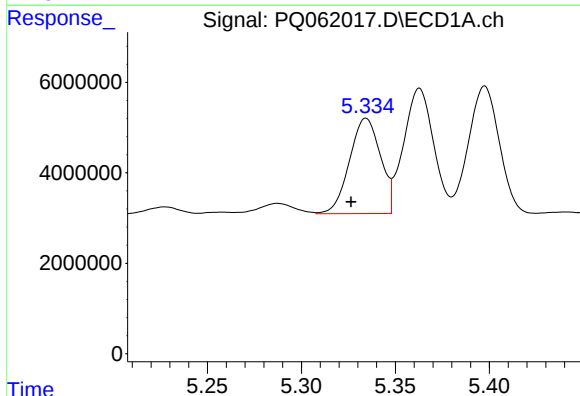
R.T.: 5.398 min
Delta R.T.: 0.009 min
Response: 31837478
Conc: 175.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



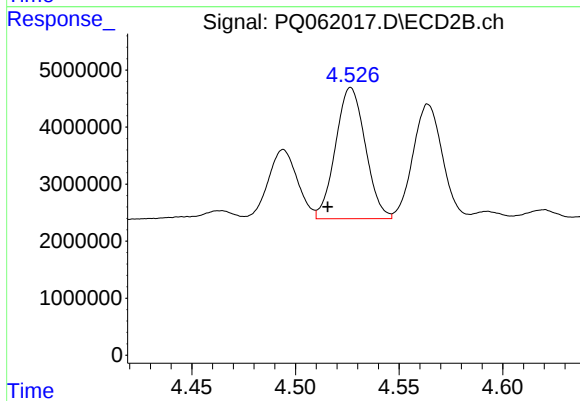
#25 AR-1248-5

R.T.: 4.564 min
Delta R.T.: 0.010 min
Response: 19827181
Conc: 176.98 ng/ml



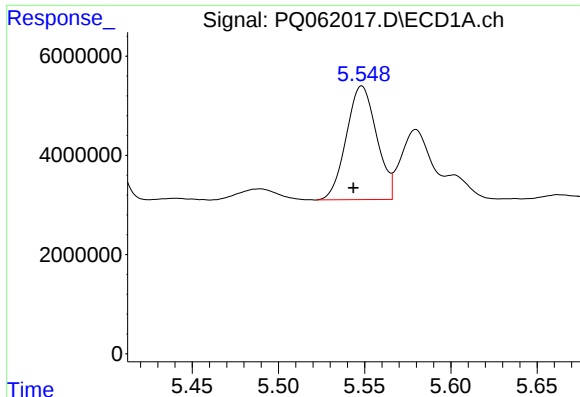
#26 AR-1254-1

R.T.: 5.334 min
Delta R.T.: 0.008 min
Response: 24168814
Conc: 130.06 ng/ml



#26 AR-1254-1

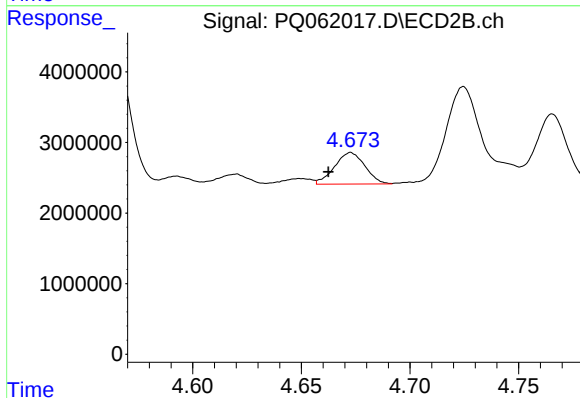
R.T.: 4.527 min
Delta R.T.: 0.011 min
Response: 23041818
Conc: 142.71 ng/ml



#27 AR-1254-2

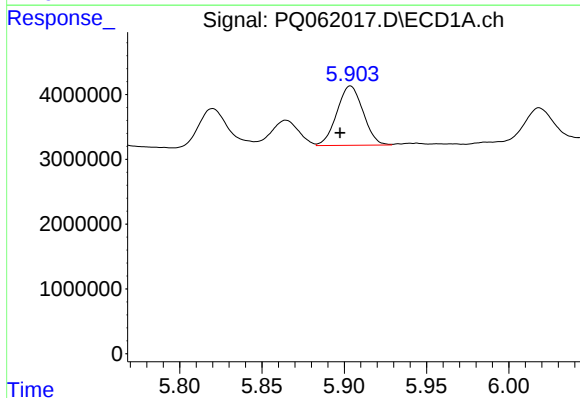
R.T.: 5.548 min
Delta R.T.: 0.005 min
Response: 28004506
Conc: 96.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



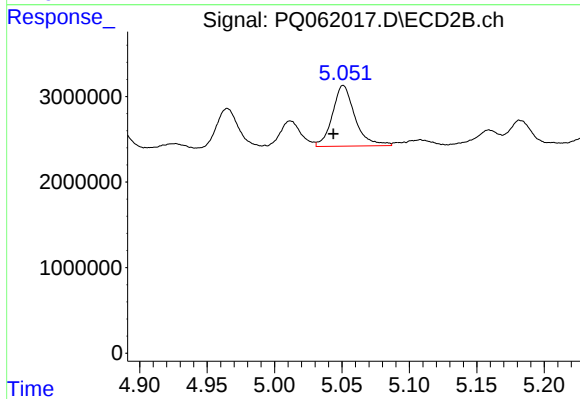
#27 AR-1254-2

R.T.: 4.673 min
Delta R.T.: 0.010 min
Response: 4339275
Conc: 29.47 ng/ml



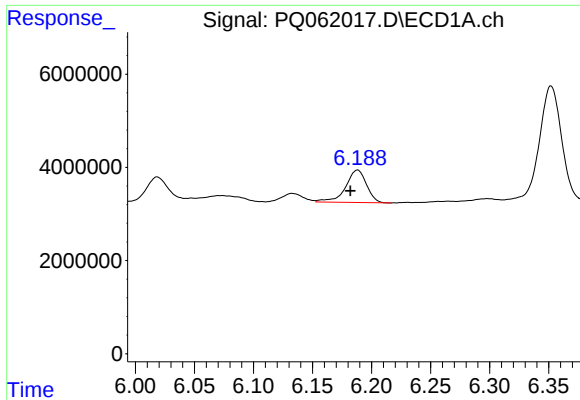
#28 AR-1254-3

R.T.: 5.904 min
Delta R.T.: 0.006 min
Response: 10134273
Conc: 33.00 ng/ml



#28 AR-1254-3

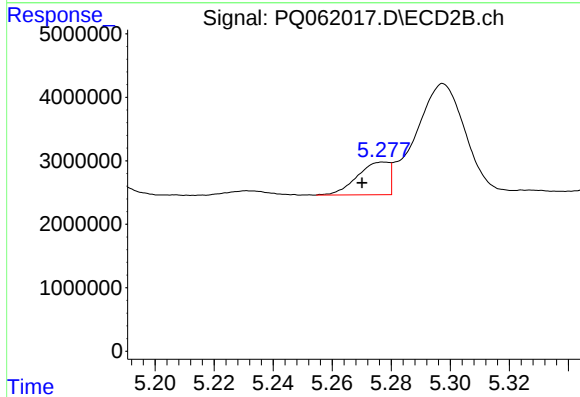
R.T.: 5.051 min
Delta R.T.: 0.007 min
Response: 8261183
Conc: 35.35 ng/ml



#29 AR-1254-4

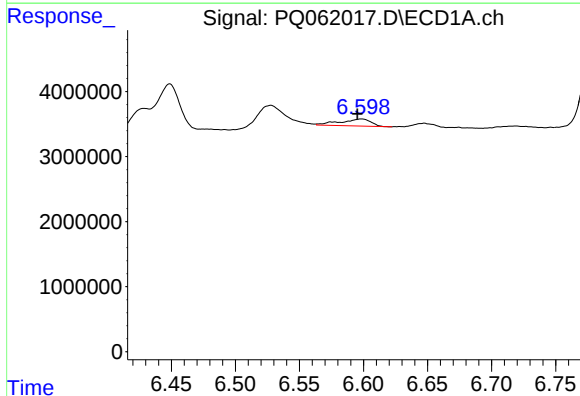
R.T.: 6.188 min
Delta R.T.: 0.006 min
Response: 8597042
Conc: 37.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



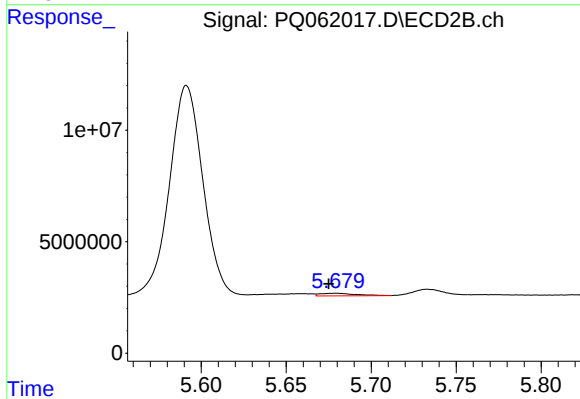
#29 AR-1254-4

R.T.: 5.277 min
Delta R.T.: 0.007 min
Response: 3830887
Conc: 25.13 ng/ml



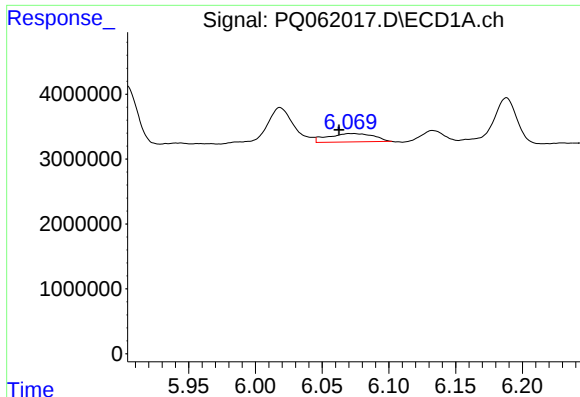
#30 AR-1254-5

R.T.: 6.598 min
Delta R.T.: 0.003 min
Response: 1801983
Conc: 7.02 ng/ml



#30 AR-1254-5

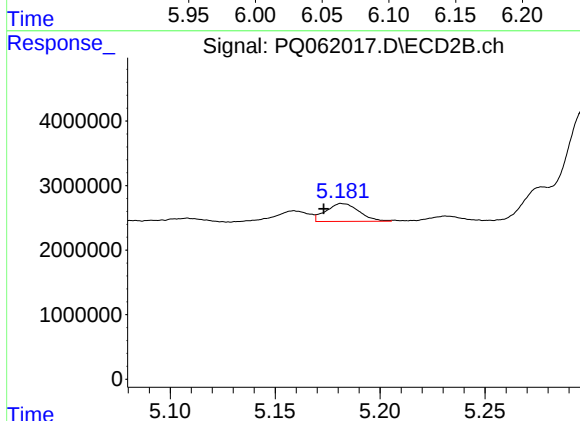
R.T.: 5.680 min
Delta R.T.: 0.005 min
Response: 1735451
Conc: 7.52 ng/ml



#31 AR-1260-1

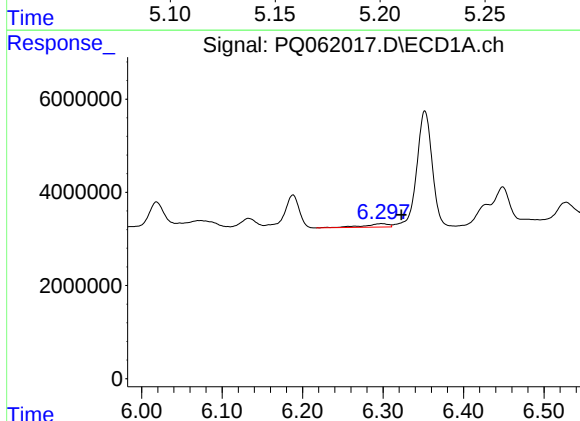
R.T.: 6.073 min
Delta R.T.: 0.010 min
Response: 3164945
Conc: 13.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



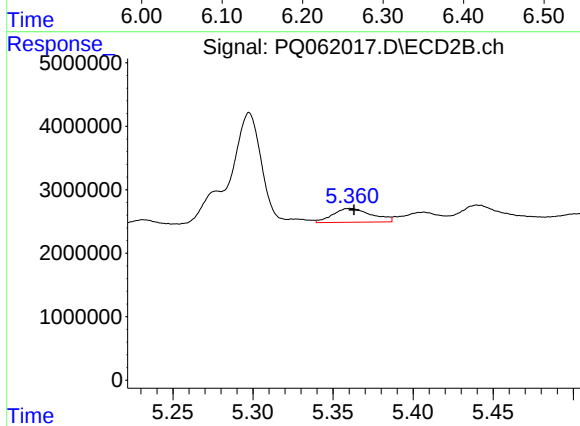
#31 AR-1260-1

R.T.: 5.182 min
Delta R.T.: 0.008 min
Response: 3045258
Conc: 18.28 ng/ml



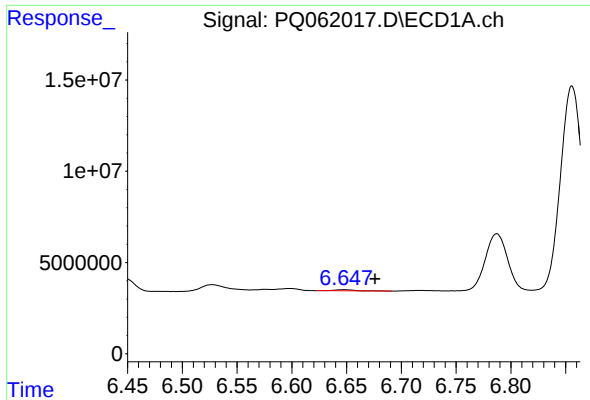
#32 AR-1260-2

R.T.: 6.298 min
Delta R.T.: -0.025 min
Response: 1573702
Conc: 5.45 ng/ml



#32 AR-1260-2

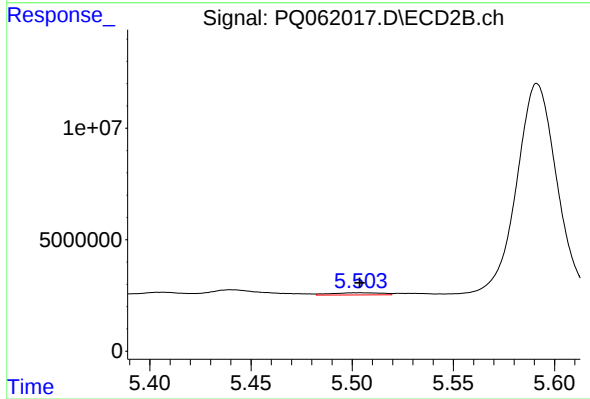
R.T.: 5.361 min
Delta R.T.: -0.003 min
Response: 3672962
Conc: 17.66 ng/ml



#33 AR-1260-3

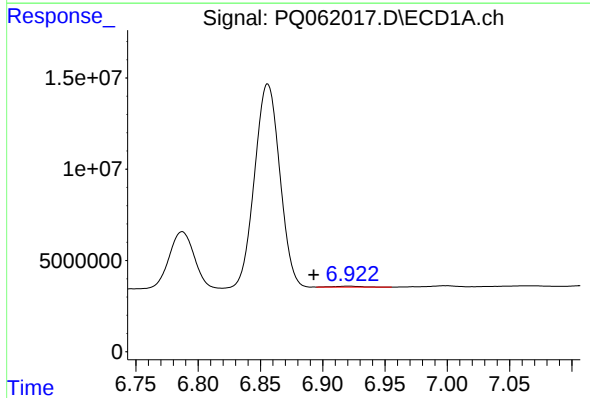
R.T.: 6.647 min
Delta R.T.: -0.029 min
Response: 753217
Conc: 4.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



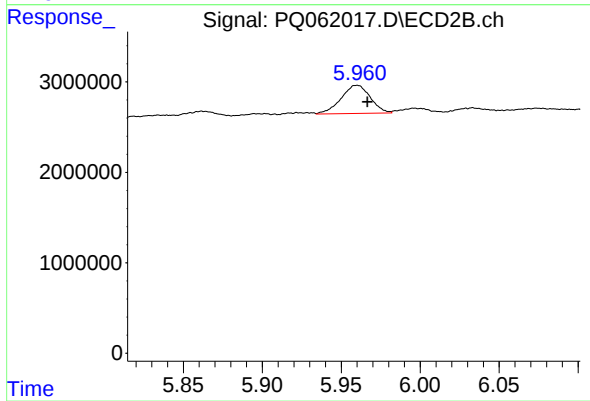
#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 1698945
Conc: 8.73 ng/ml



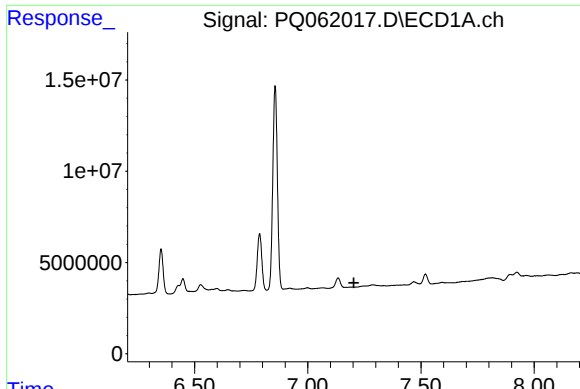
#34 AR-1260-4

R.T.: 6.921 min
Delta R.T.: 0.028 min
Response: 688522
Conc: 3.27 ng/ml



#34 AR-1260-4

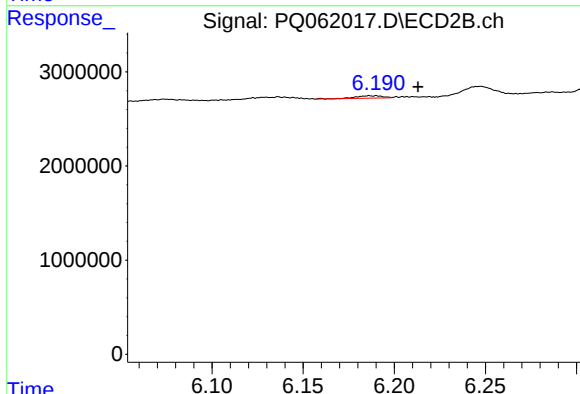
R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 4003028
Conc: 27.44 ng/ml



#35 AR-1260-5

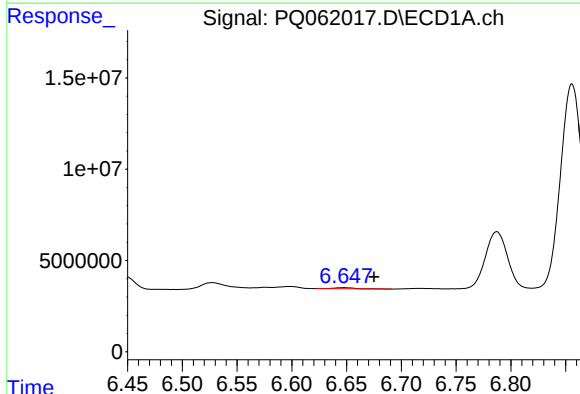
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
008



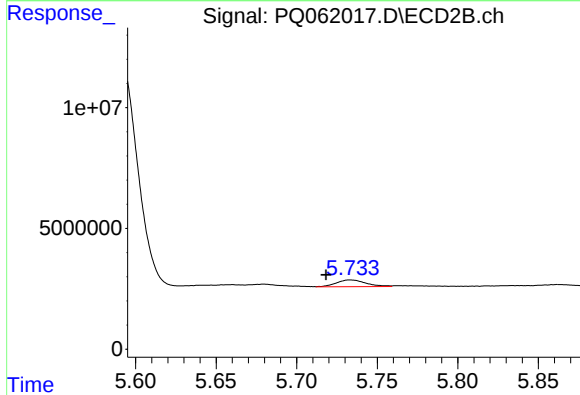
#35 AR-1260-5

R.T.: 6.187 min
Delta R.T.: -0.026 min
Response: 267153
Conc: 0.80 ng/ml



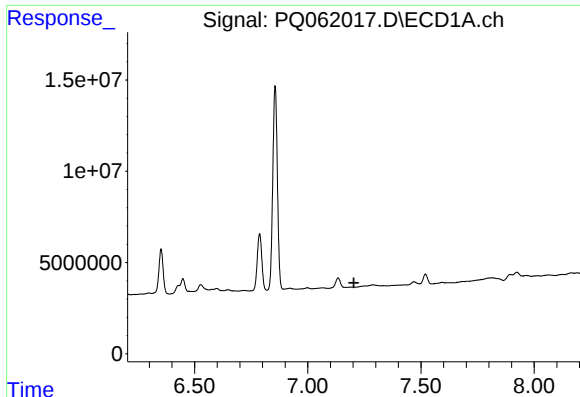
#36 AR-1262-1

R.T.: 6.647 min
Delta R.T.: -0.028 min
Response: 753217
Conc: 2.47 ng/ml



#36 AR-1262-1

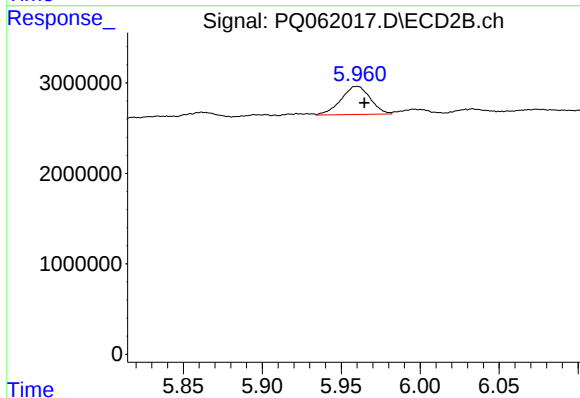
R.T.: 5.733 min
Delta R.T.: 0.015 min
Response: 3598287
Conc: 15.48 ng/ml



#37 AR-1262-2

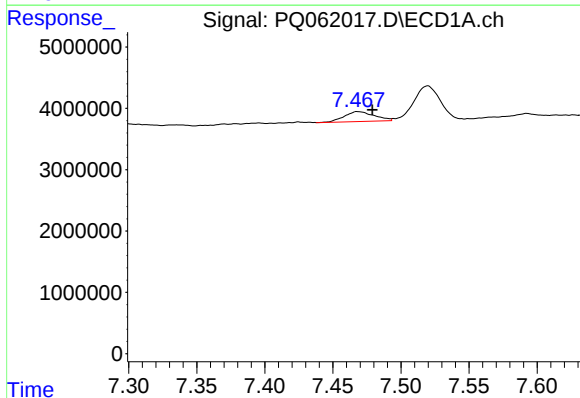
R.T.: 0.000 min
Exp R.T.: 7.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
008



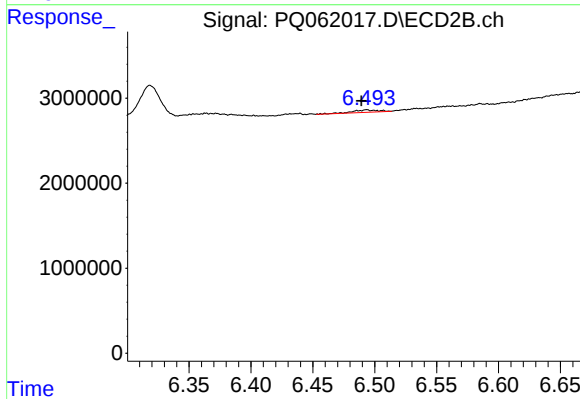
#37 AR-1262-2

R.T.: 5.960 min
Delta R.T.: -0.005 min
Response: 4003028
Conc: 18.51 ng/ml



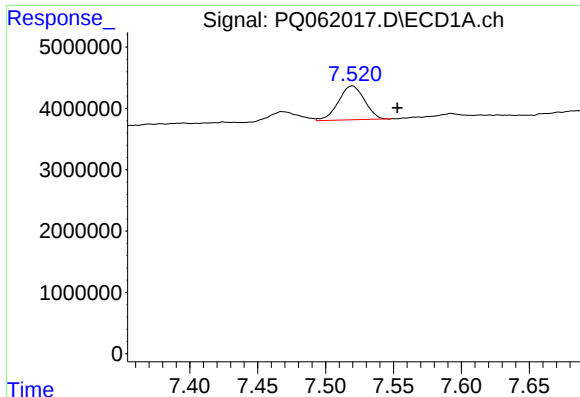
#38 AR-1262-3

R.T.: 7.469 min
Delta R.T.: -0.010 min
Response: 2509867
Conc: 7.12 ng/ml



#38 AR-1262-3

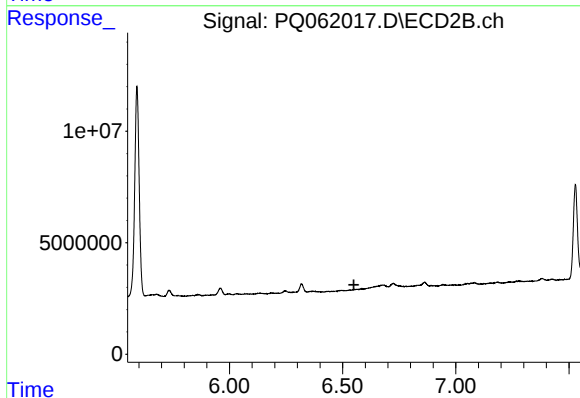
R.T.: 6.493 min
Delta R.T.: 0.004 min
Response: 387848
Conc: 2.22 ng/ml



#39 AR-1262-4

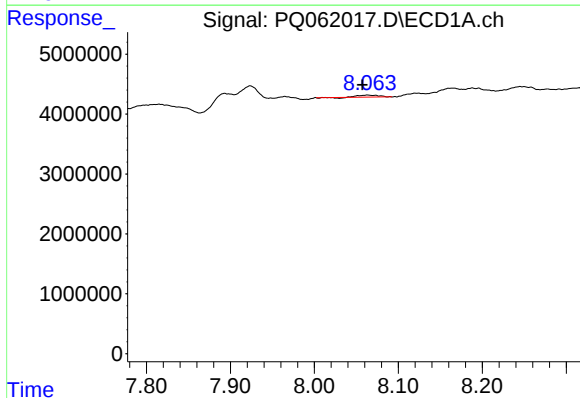
R.T.: 7.520 min
Delta R.T.: -0.033 min
Response: 7389499
Conc: 27.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



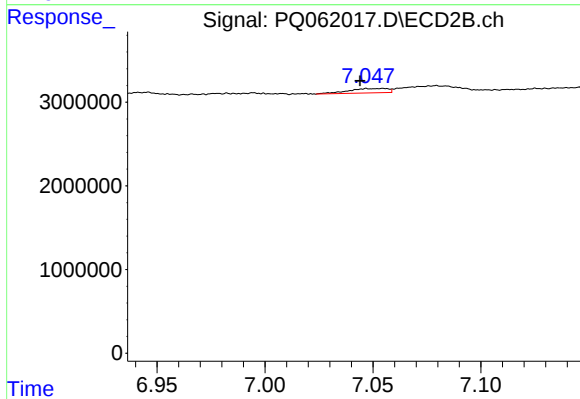
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.550 min
Response: 0
Conc: N.D.



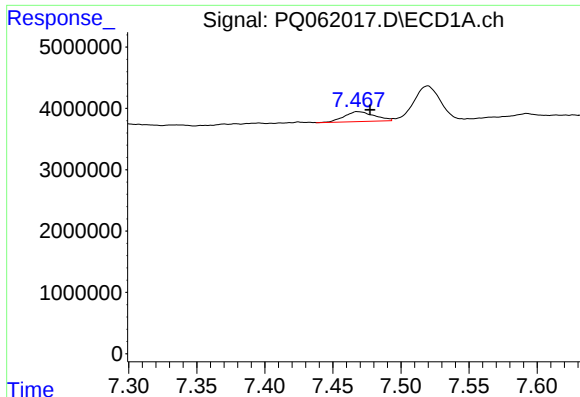
#40 AR-1262-5

R.T.: 8.063 min
Delta R.T.: 0.006 min
Response: 482123
Conc: 2.72 ng/ml



#40 AR-1262-5

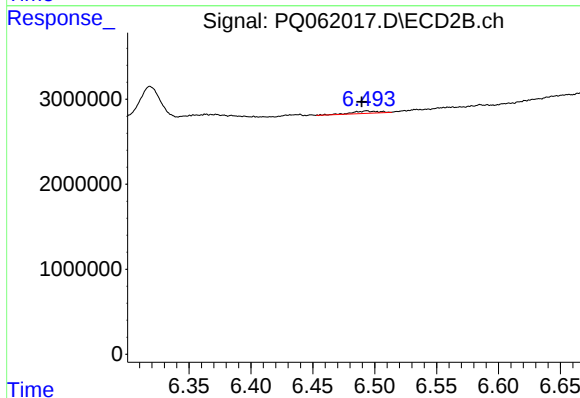
R.T.: 7.055 min
Delta R.T.: 0.011 min
Response: 672609
Conc: 4.34 ng/ml



#41 AR-1268-1

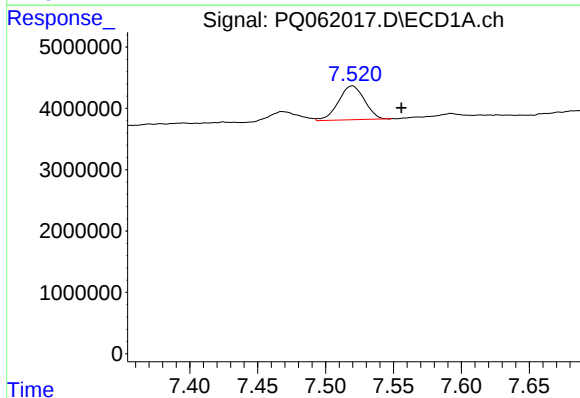
R.T.: 7.469 min
Delta R.T.: -0.008 min
Response: 2509867
Conc: 4.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



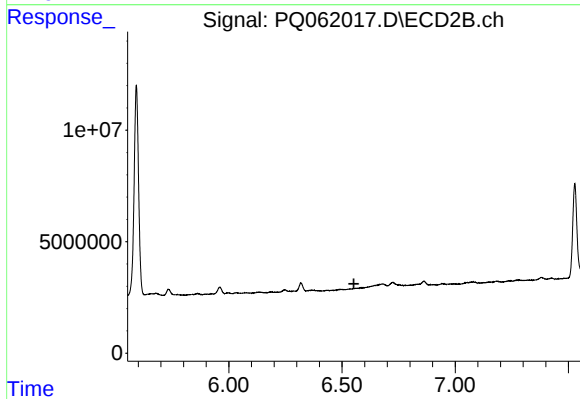
#41 AR-1268-1

R.T.: 6.493 min
Delta R.T.: 0.004 min
Response: 387848
Conc: 0.82 ng/ml



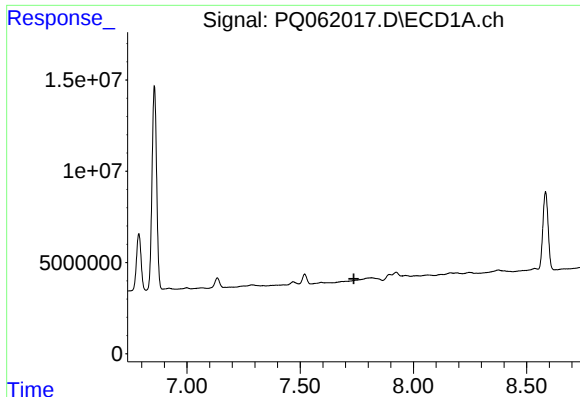
#42 AR-1268-2

R.T.: 7.520 min
Delta R.T.: -0.036 min
Response: 7389499
Conc: 14.49 ng/ml



#42 AR-1268-2

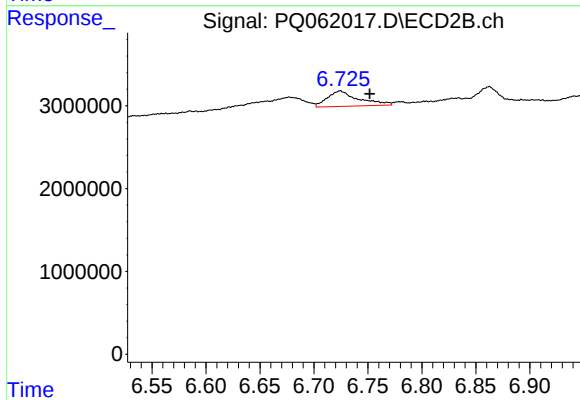
R.T.: 0.000 min
Exp R.T. : 6.552 min
Response: 0
Conc: N.D.



#43 AR-1268-3

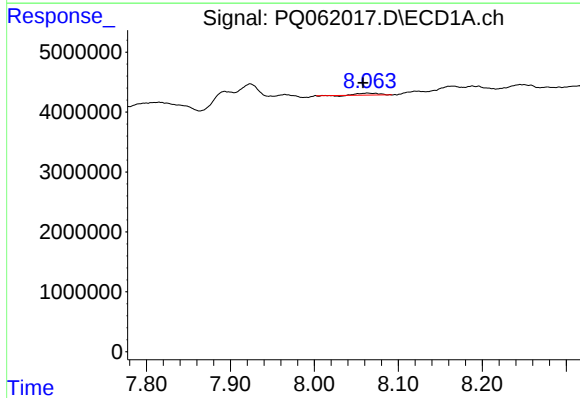
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
008



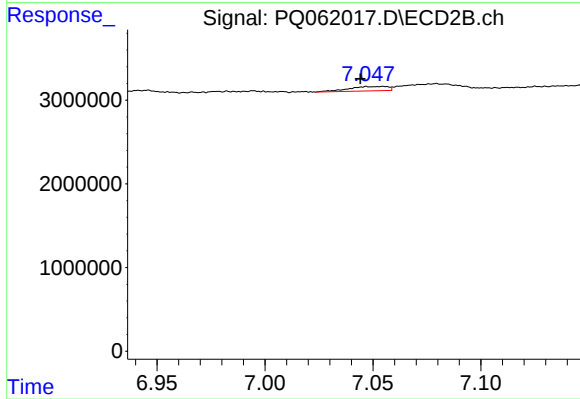
#43 AR-1268-3

R.T.: 6.724 min
Delta R.T.: -0.027 min
Response: 3746938
Conc: 10.17 ng/ml



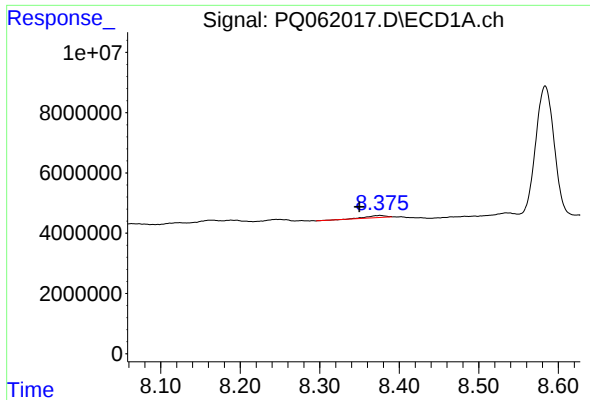
#44 AR-1268-4

R.T.: 8.063 min
Delta R.T.: 0.005 min
Response: 482123
Conc: 2.63 ng/ml



#44 AR-1268-4

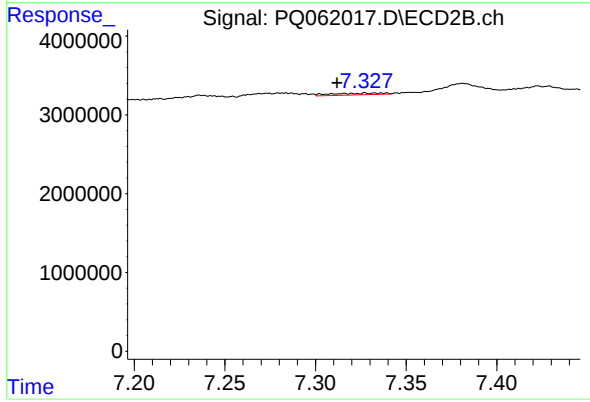
R.T.: 7.055 min
Delta R.T.: 0.010 min
Response: 672609
Conc: 4.21 ng/ml



#45 AR-1268-5

R.T.: 8.375 min
Delta R.T.: 0.026 min
Response: 1436625
Conc: 1.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
008



#45 AR-1268-5

R.T.: 7.328 min
Delta R.T.: 0.016 min
Response: 432489
Conc: 0.37 ng/ml