

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ103018\
 Data File : PQ033888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2018 12:45
 Operator : SM\SJ
 Sample : J5657-12
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 14:52:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 14:49:48 2018
 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...	4.561	3.840	49922351	38845256	24.335	24.975
2)	SA Decachlor...	10.379	8.879	78009607	64889950	41.268	40.366
Target Compounds							
3)	L1 AR-1016-1	5.734	4.930	1941886	766778	27.889	13.394 #
4)	L1 AR-1016-2	5.758	4.947	774934	1050920	7.523	13.189 #
5)	L1 AR-1016-3	5.820	5.128	73173	74744	1.169	1.802 #
6)	L1 AR-1016-4	5.920	5.164	895753	31382416	17.723	915.905 #
7)	L1 AR-1016-5	6.213	5.379	18882856	18267530	366.437	399.806
8)	L2 AR-1221-1	4.797	4.076	69421	57951	2.923	3.136
9)	L2 AR-1221-2	4.880	4.163	109701	11106	6.663	0.840 #
10)	L2 AR-1221-3	4.958	4.235	129313	12795	2.254	0.280 #
11)	L3 AR-1232-1	4.958	4.235	129313	12795	2.913	0.370 #
12)	L3 AR-1232-2	5.468	4.980	402750	757934	17.052	20.157
13)	L3 AR-1232-3	5.770	5.164	568504	31382416	11.891	1602.305 #
14)	L3 AR-1232-4	5.920	5.238	895753	2539301	37.607	147.950 #
15)	L3 AR-1232-5	6.052	5.404	10925932	23002	612.640	1.180 #
16)	L4 AR-1242-1	5.758	4.947	774934	1050920	12.986	21.598 #
17)	L4 AR-1242-2	5.770	4.980	568504	757934	6.546	11.229 #
18)	L4 AR-1242-3	5.820	5.164	73173	31382416	1.399	856.726 #
19)	L4 AR-1242-4	5.920	5.238	895753	2539301	20.772	68.941 #
20)	L4 AR-1242-5	6.658	5.772	20375526	9807283	413.319	204.150 #
21)	L5 AR-1248-1	5.734	4.930	1941886	766778	39.149	18.711 #
22)	L5 AR-1248-2	6.007	5.164	36368610	31382416	494.460	571.218
23)	L5 AR-1248-3	6.213	5.206	18882856	10658517	231.055	190.322
24)	L5 AR-1248-4	6.616	5.379	33409834	18267530	356.671	264.866 #
25)	L5 AR-1248-5	6.658	5.772	20375526	9807283	229.432	141.872 #
26)	L6 AR-1254-1	6.591	5.731	69578619	81032719	702.091	719.261
27)	L6 AR-1254-2	6.808	5.876	104.9E6	66817751	671.323	676.669
28)	L6 AR-1254-3	7.177	6.282	113.7E6	116.6E6	670.330	701.746
29)	L6 AR-1254-4	7.462	6.510	80613719	72845974	652.878	684.666
30)	L6 AR-1254-5	7.882	6.927	94012086	108.0E6	710.175	735.033
31)	L7 AR-1260-1	7.339	6.410	44507026	56178179	416.121	598.122 #
32)	L7 AR-1260-2	7.595	6.597	43342075	44906747	343.235	385.431
33)	L7 AR-1260-3	7.946	6.752	11674926	46938643	149.887	435.251 #
34)	L7 AR-1260-4	8.179	7.223	33547661	11217074	331.409	145.924 #
35)	L7 AR-1260-5	8.515	7.463	20823692	15170916	110.279	78.967 #
36)	L8 AR-1262-1	7.946	6.998	11674926	15457225	86.617	120.277 #
37)	L8 AR-1262-2	8.571	7.498	2108945	7781643	8.529	32.486 #
38)	L8 AR-1262-3	8.857	7.810	10852653	16125902	65.611	173.120 #
39)	L8 AR-1262-4	8.908	7.810	2241267	16125902	32.887	92.628 #
40)	L8 AR-1262-5	9.601	8.310	3851901	60757	44.027	0.753 #
41)	L9 AR-1268-1	8.857	7.810	10852653	16125902	29.594	47.167 #

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 Sample : J5657-12
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

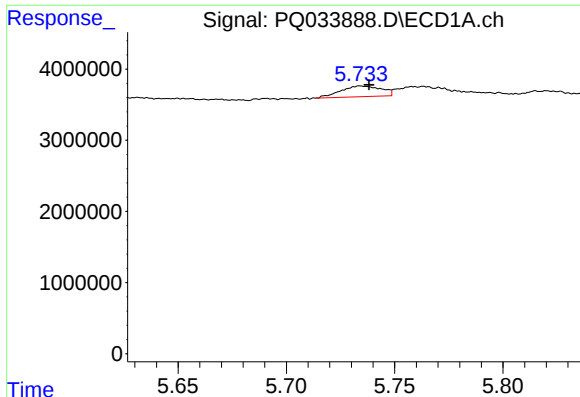
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 14:52:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
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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	8.908	7.810	2241267	16125902	6.725	52.184 #
43) L9	AR-1268-3	9.194	8.067	261952	3562218	0.929	13.924 #
44) L9	AR-1268-4	9.601	8.310	3851901	60757	31.882	0.551 #
45) L9	AR-1268-5	0.000	8.663	0	229387	N.D.	0.274 #

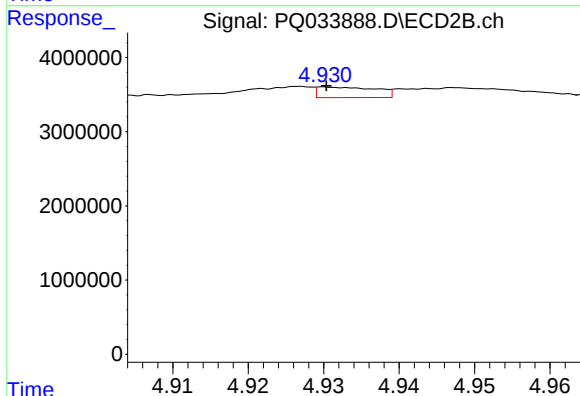
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

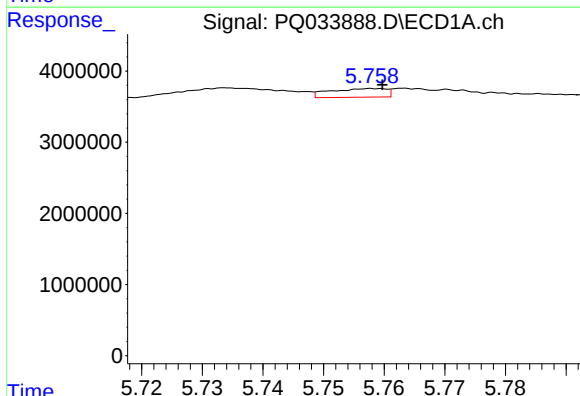
R.T.: 5.734 min
Delta R.T.: -0.004 min
Response: 1941886
Conc: 27.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



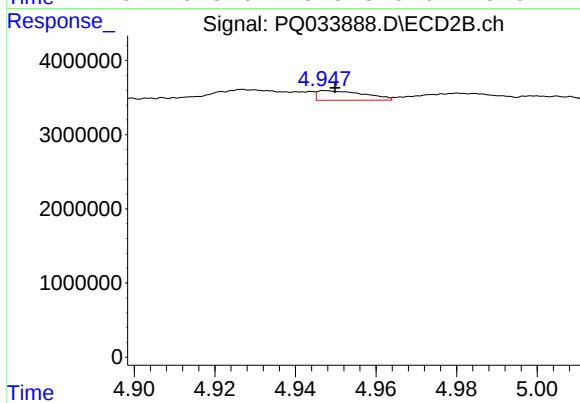
#3 AR-1016-1

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 766778
Conc: 13.39 ng/ml



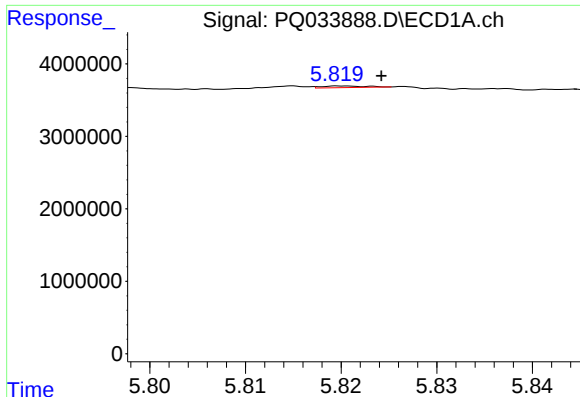
#4 AR-1016-2

R.T.: 5.758 min
Delta R.T.: -0.002 min
Response: 774934
Conc: 7.52 ng/ml



#4 AR-1016-2

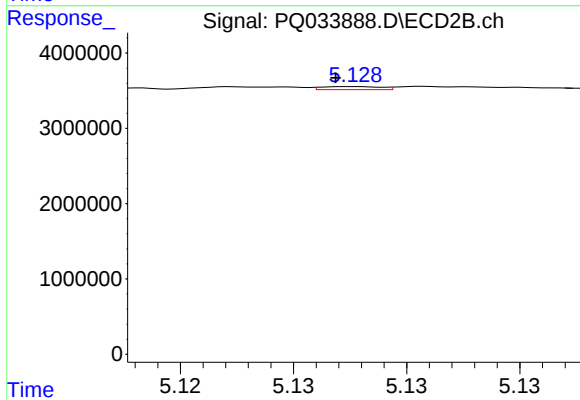
R.T.: 4.947 min
Delta R.T.: -0.002 min
Response: 1050920
Conc: 13.19 ng/ml



#5 AR-1016-3

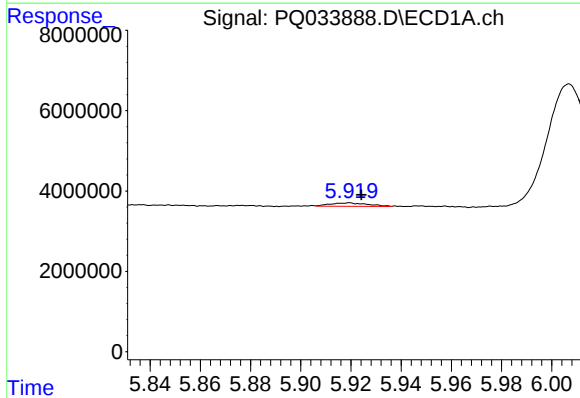
R.T.: 5.820 min
Delta R.T.: -0.004 min
Response: 73173
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



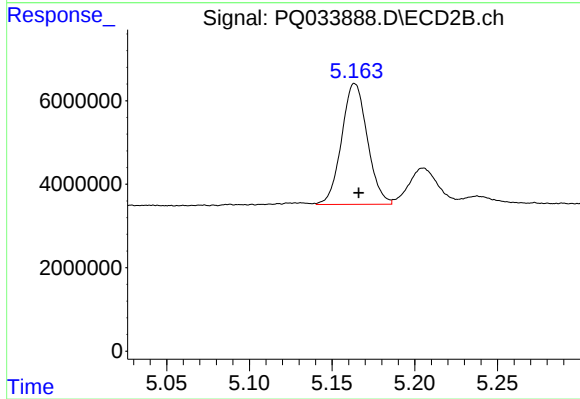
#5 AR-1016-3

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 74744
Conc: 1.80 ng/ml



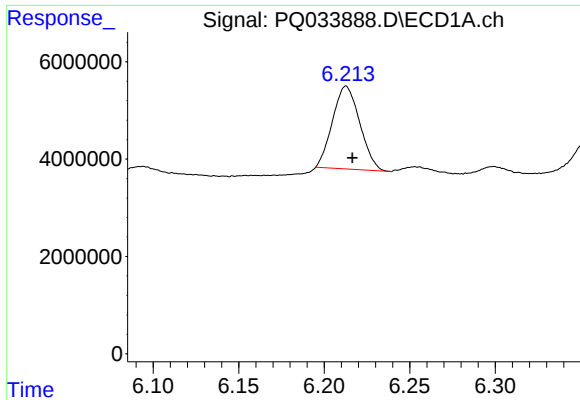
#6 AR-1016-4

R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 895753
Conc: 17.72 ng/ml



#6 AR-1016-4

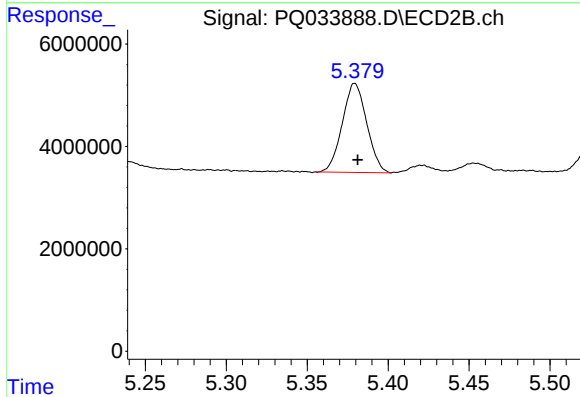
R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 31382416
Conc: 915.91 ng/ml



#7 AR-1016-5

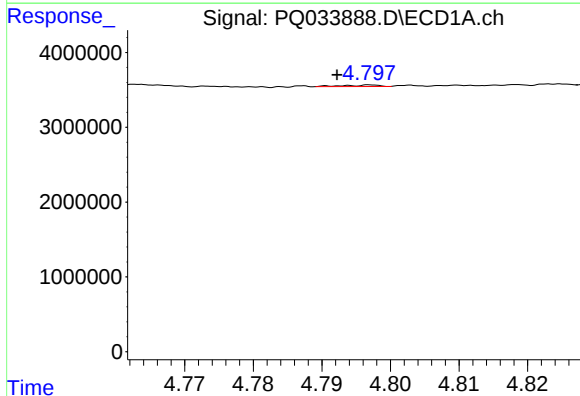
R.T.: 6.213 min
Delta R.T.: -0.004 min
Response: 18882856
Conc: 366.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



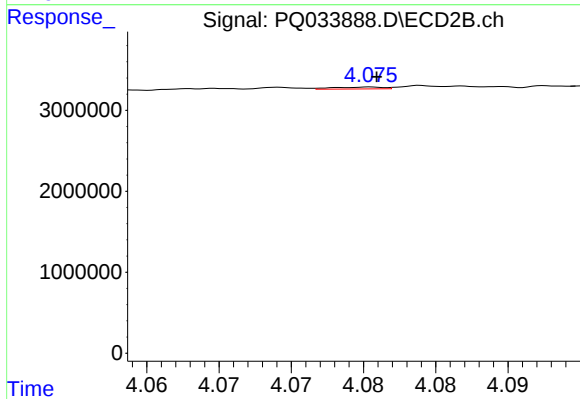
#7 AR-1016-5

R.T.: 5.379 min
Delta R.T.: -0.002 min
Response: 18267530
Conc: 399.81 ng/ml



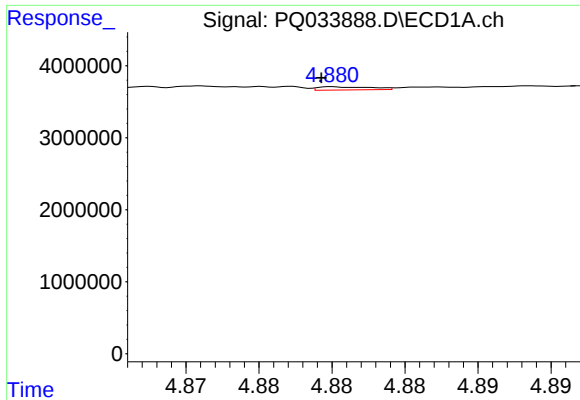
#8 AR-1221-1

R.T.: 4.797 min
Delta R.T.: 0.005 min
Response: 69421
Conc: 2.92 ng/ml



#8 AR-1221-1

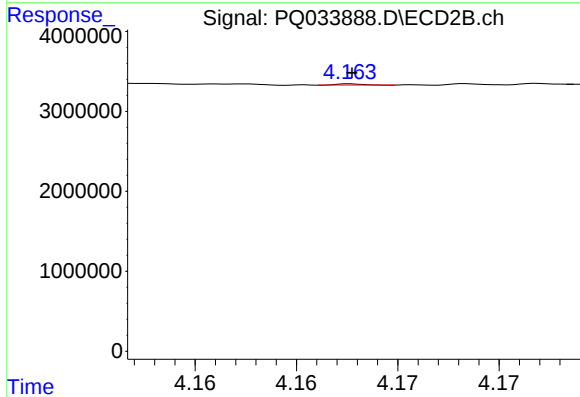
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 57951
Conc: 3.14 ng/ml



#9 AR-1221-2

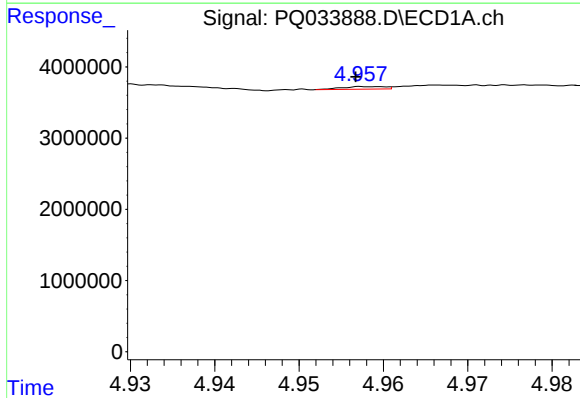
R.T.: 4.880 min
Delta R.T.: 0.001 min
Response: 109701
Conc: 6.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



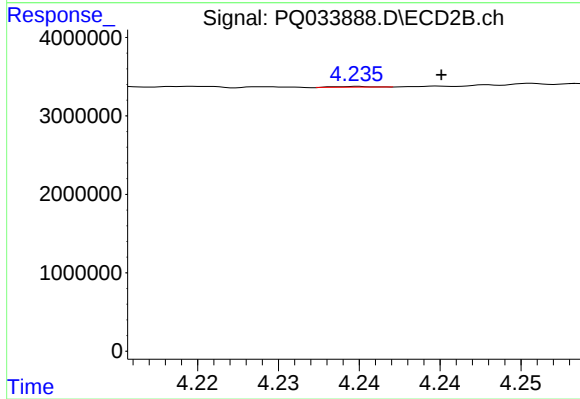
#9 AR-1221-2

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 11106
Conc: 0.84 ng/ml



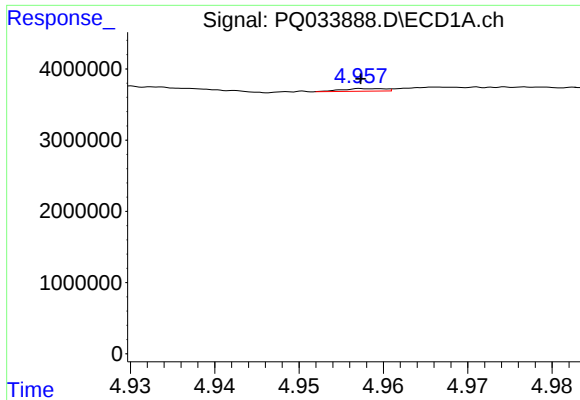
#10 AR-1221-3

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 129313
Conc: 2.25 ng/ml



#10 AR-1221-3

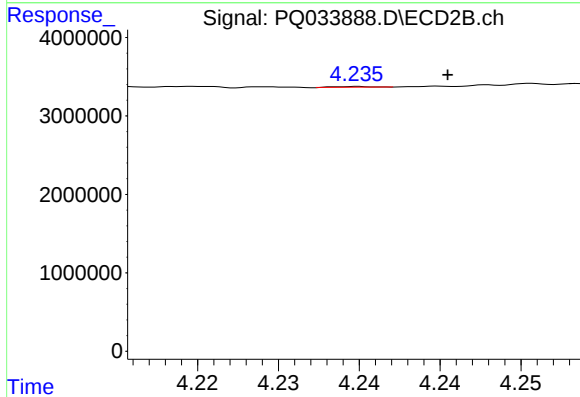
R.T.: 4.235 min
Delta R.T.: -0.005 min
Response: 12795
Conc: 0.28 ng/ml



#11 AR-1232-1

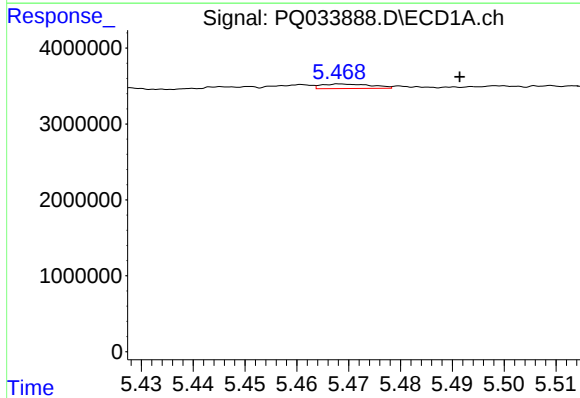
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 129313
Conc: 2.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



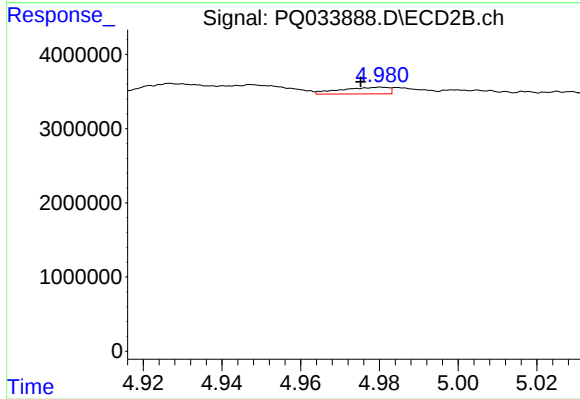
#11 AR-1232-1

R.T.: 4.235 min
Delta R.T.: -0.005 min
Response: 12795
Conc: 0.37 ng/ml



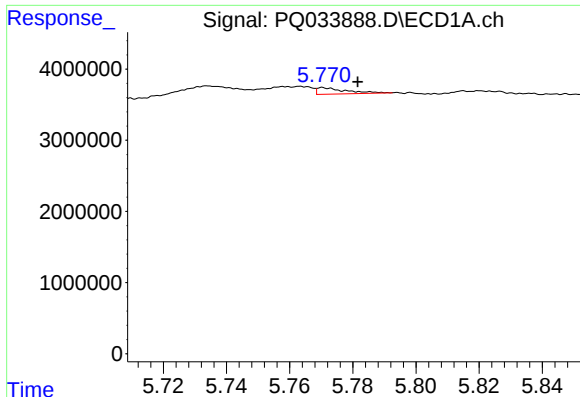
#12 AR-1232-2

R.T.: 5.468 min
Delta R.T.: -0.023 min
Response: 402750
Conc: 17.05 ng/ml



#12 AR-1232-2

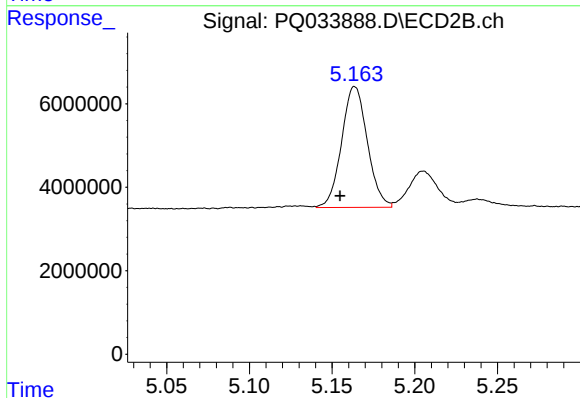
R.T.: 4.980 min
Delta R.T.: 0.005 min
Response: 757934
Conc: 20.16 ng/ml



#13 AR-1232-3

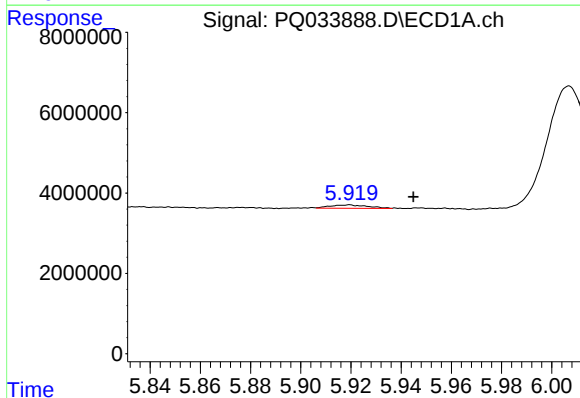
R.T.: 5.770 min
Delta R.T.: -0.011 min
Response: 568504
Conc: 11.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



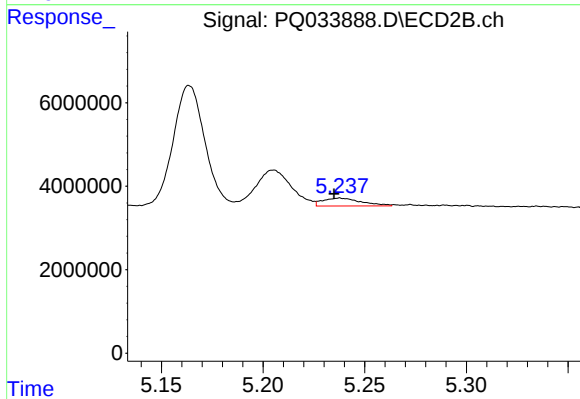
#13 AR-1232-3

R.T.: 5.164 min
Delta R.T.: 0.009 min
Response: 31382416
Conc: 1602.31 ng/ml



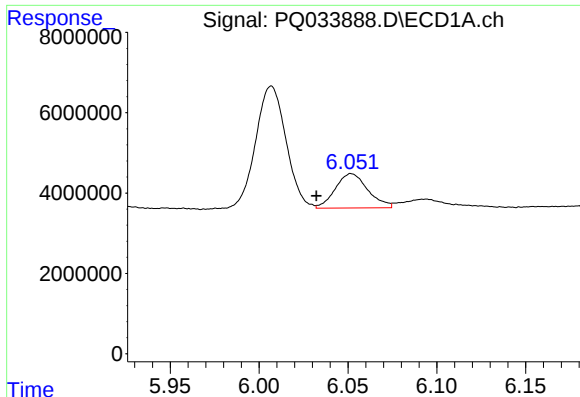
#14 AR-1232-4

R.T.: 5.920 min
Delta R.T.: -0.025 min
Response: 895753
Conc: 37.61 ng/ml



#14 AR-1232-4

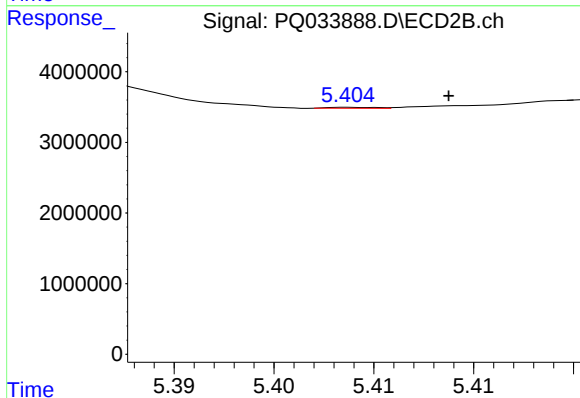
R.T.: 5.238 min
Delta R.T.: 0.003 min
Response: 2539301
Conc: 147.95 ng/ml



#15 AR-1232-5

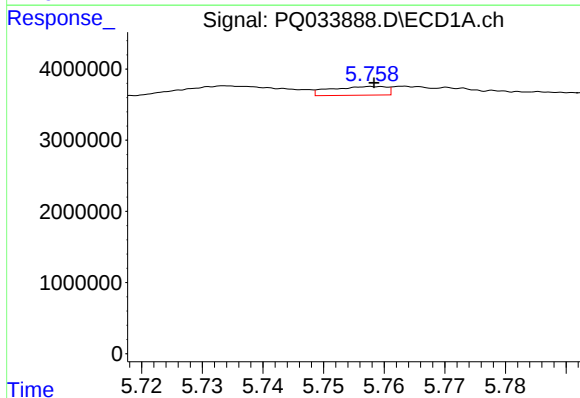
R.T.: 6.052 min
Delta R.T.: 0.020 min
Response: 10925932
Conc: 612.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



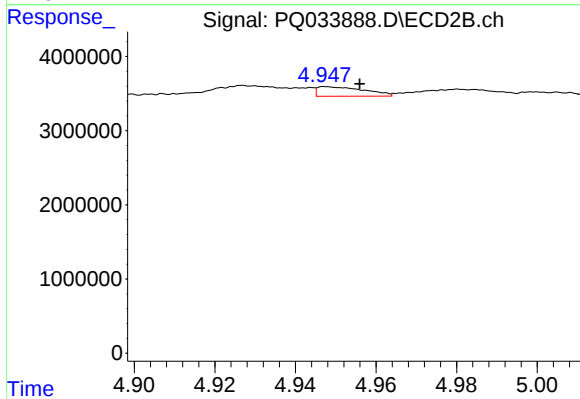
#15 AR-1232-5

R.T.: 5.404 min
Delta R.T.: -0.005 min
Response: 23002
Conc: 1.18 ng/ml



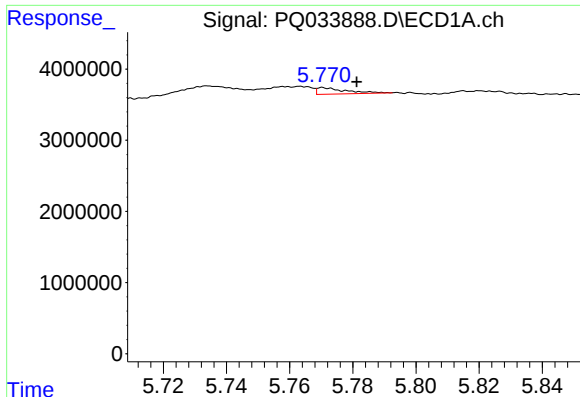
#16 AR-1242-1

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 774934
Conc: 12.99 ng/ml



#16 AR-1242-1

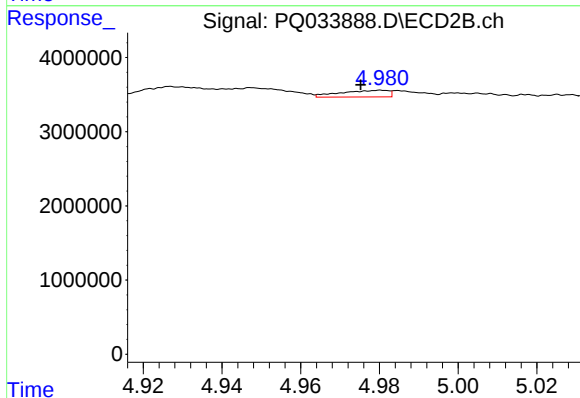
R.T.: 4.947 min
Delta R.T.: -0.009 min
Response: 1050920
Conc: 21.60 ng/ml



#17 AR-1242-2

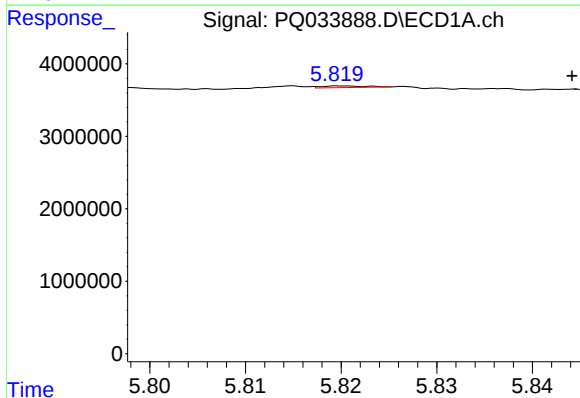
R.T.: 5.770 min
Delta R.T.: -0.011 min
Response: 568504
Conc: 6.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



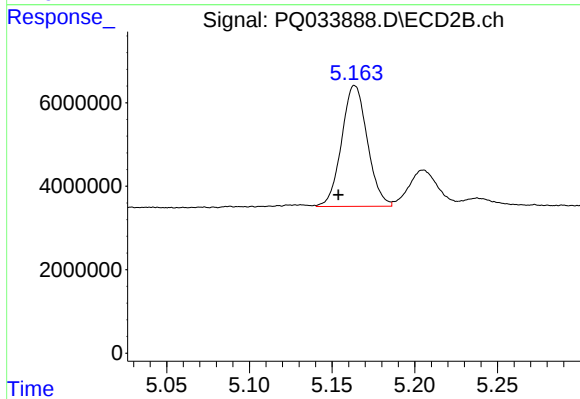
#17 AR-1242-2

R.T.: 4.980 min
Delta R.T.: 0.005 min
Response: 757934
Conc: 11.23 ng/ml



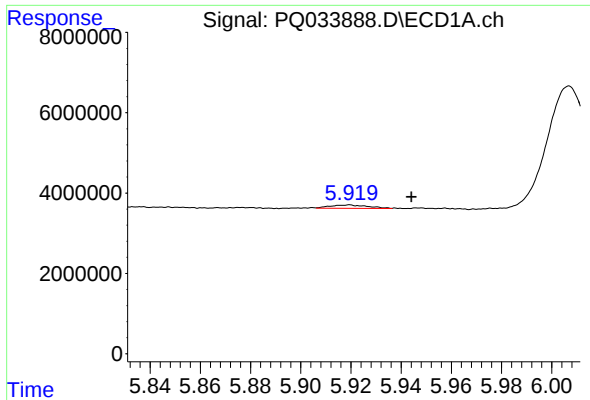
#18 AR-1242-3

R.T.: 5.820 min
Delta R.T.: -0.024 min
Response: 73173
Conc: 1.40 ng/ml



#18 AR-1242-3

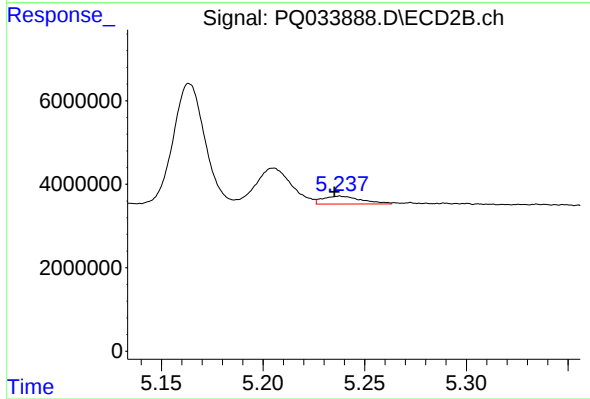
R.T.: 5.164 min
Delta R.T.: 0.010 min
Response: 31382416
Conc: 856.73 ng/ml



#19 AR-1242-4

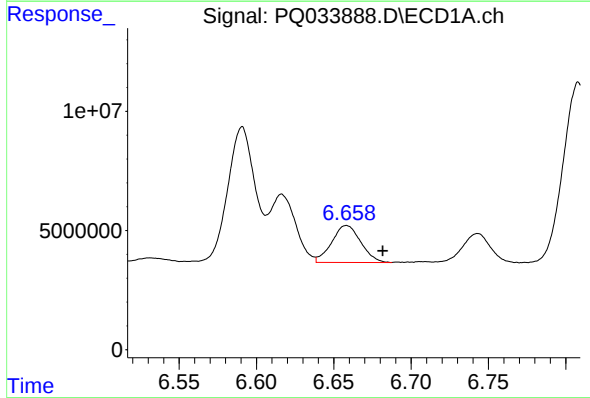
R.T.: 5.920 min
Delta R.T.: -0.024 min
Response: 895753
Conc: 20.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



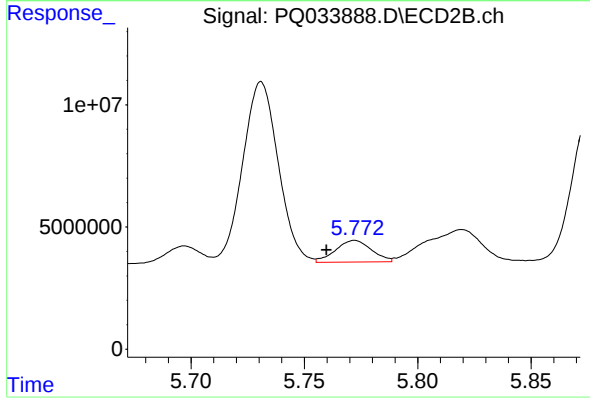
#19 AR-1242-4

R.T.: 5.238 min
Delta R.T.: 0.003 min
Response: 2539301
Conc: 68.94 ng/ml



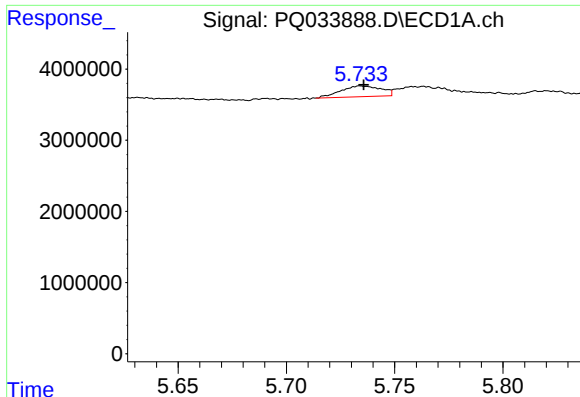
#20 AR-1242-5

R.T.: 6.658 min
Delta R.T.: -0.023 min
Response: 20375526
Conc: 413.32 ng/ml



#20 AR-1242-5

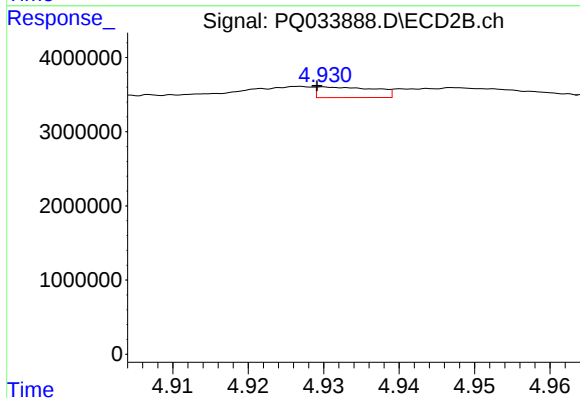
R.T.: 5.772 min
Delta R.T.: 0.013 min
Response: 9807283
Conc: 204.15 ng/ml



#21 AR-1248-1

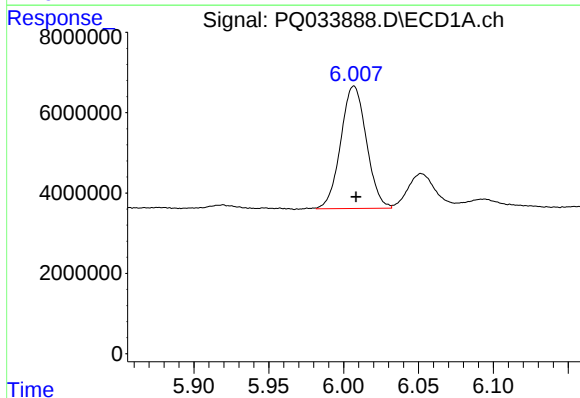
R.T.: 5.734 min
Delta R.T.: -0.002 min
Response: 1941886
Conc: 39.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



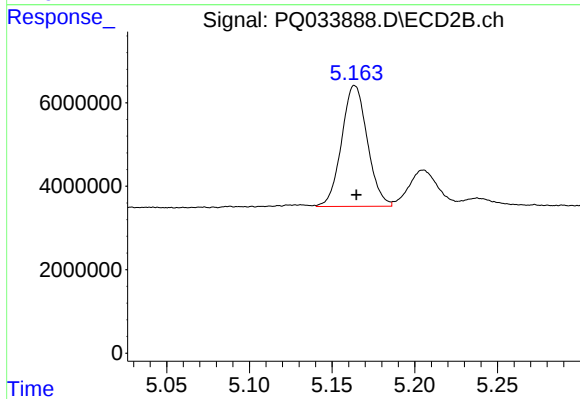
#21 AR-1248-1

R.T.: 4.930 min
Delta R.T.: 0.001 min
Response: 766778
Conc: 18.71 ng/ml



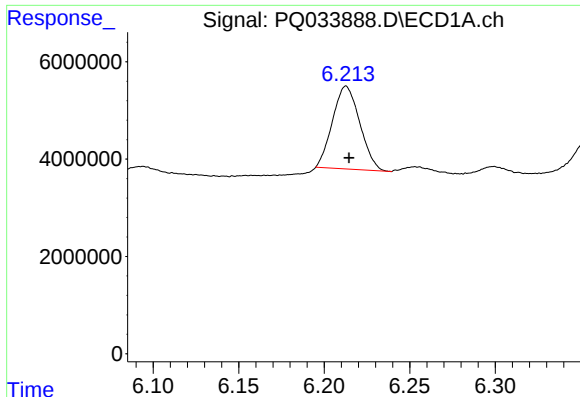
#22 AR-1248-2

R.T.: 6.007 min
Delta R.T.: -0.001 min
Response: 36368610
Conc: 494.46 ng/ml



#22 AR-1248-2

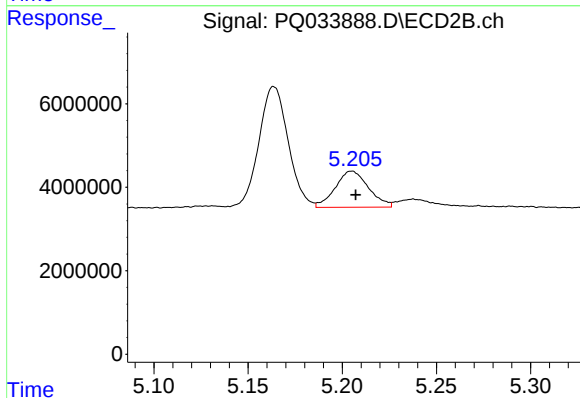
R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 31382416
Conc: 571.22 ng/ml



#23 AR-1248-3

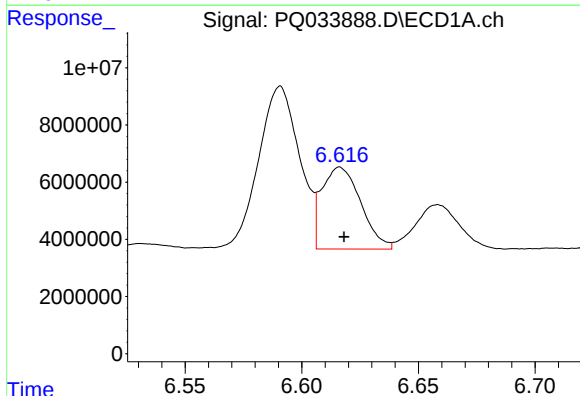
R.T.: 6.213 min
Delta R.T.: -0.002 min
Response: 18882856
Conc: 231.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



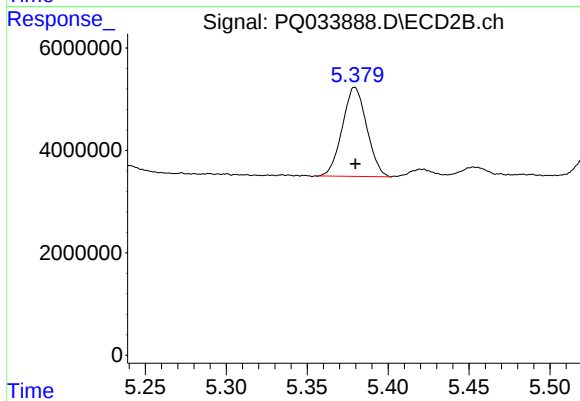
#23 AR-1248-3

R.T.: 5.206 min
Delta R.T.: -0.001 min
Response: 10658517
Conc: 190.32 ng/ml



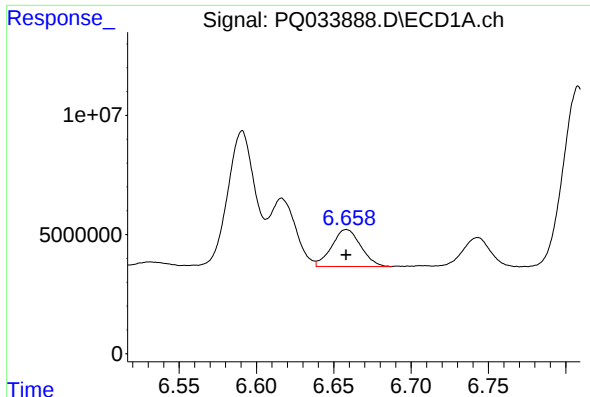
#24 AR-1248-4

R.T.: 6.616 min
Delta R.T.: -0.002 min
Response: 33409834
Conc: 356.67 ng/ml



#24 AR-1248-4

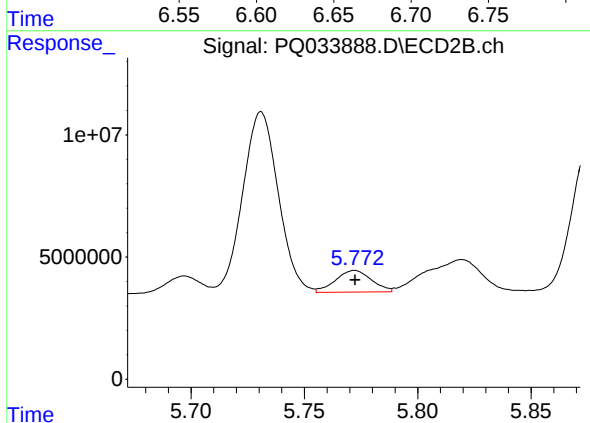
R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 18267530
Conc: 264.87 ng/ml



#25 AR-1248-5

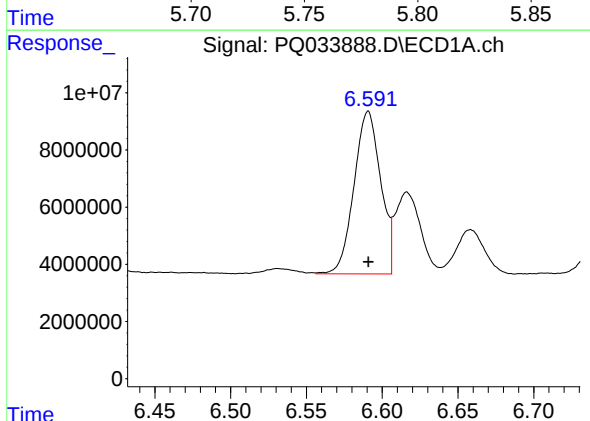
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 20375526
Conc: 229.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



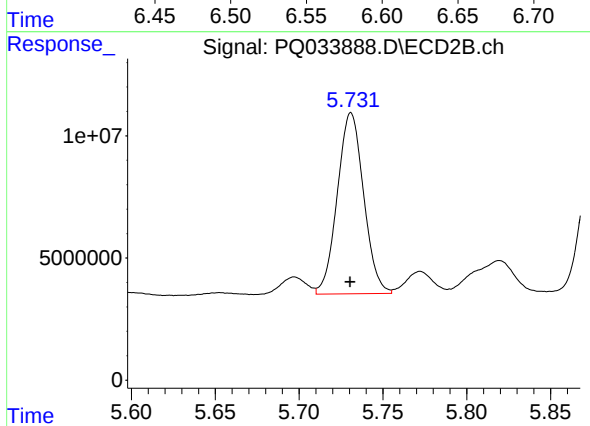
#25 AR-1248-5

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 9807283
Conc: 141.87 ng/ml



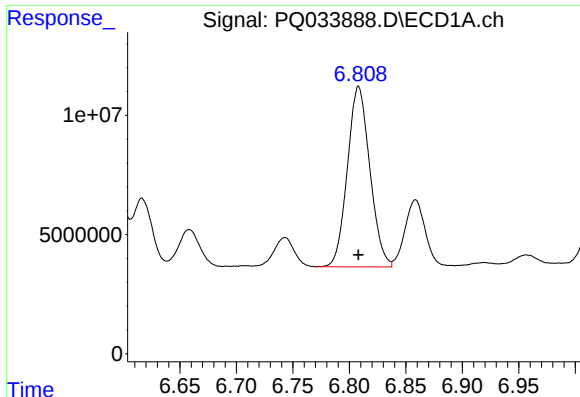
#26 AR-1254-1

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 69578619
Conc: 702.09 ng/ml



#26 AR-1254-1

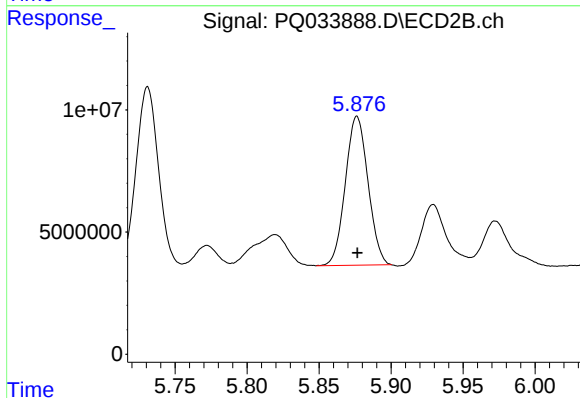
R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 81032719
Conc: 719.26 ng/ml



#27 AR-1254-2

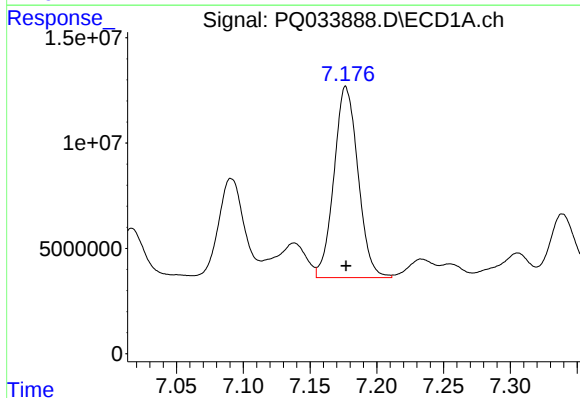
R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 104913382
Conc: 671.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



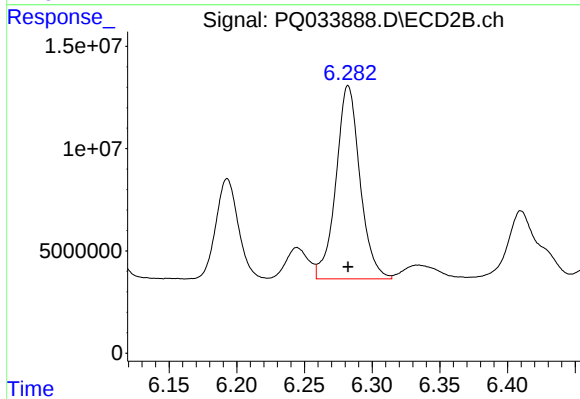
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 66817751
Conc: 676.67 ng/ml



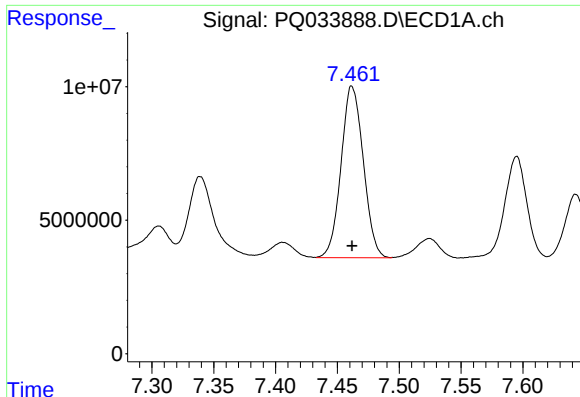
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 113744499
Conc: 670.33 ng/ml



#28 AR-1254-3

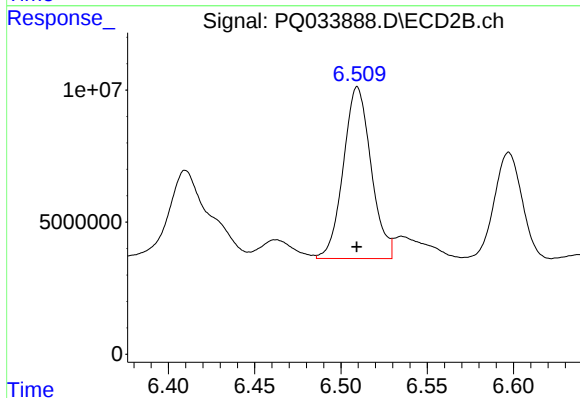
R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 116623602
Conc: 701.75 ng/ml



#29 AR-1254-4

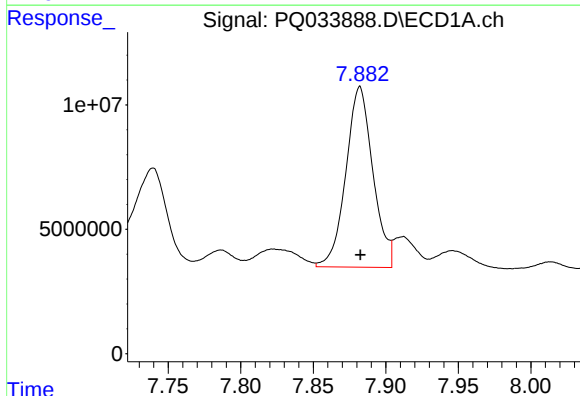
R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 80613719
Conc: 652.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



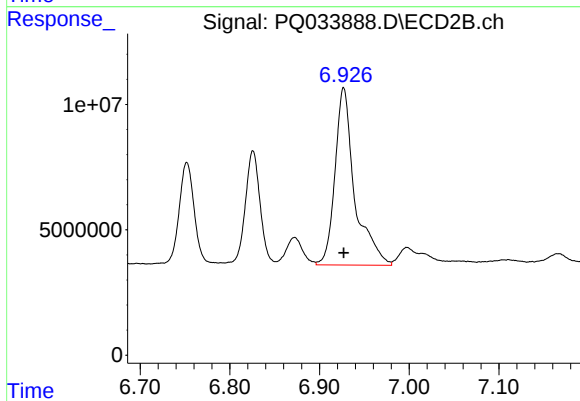
#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 72845974
Conc: 684.67 ng/ml



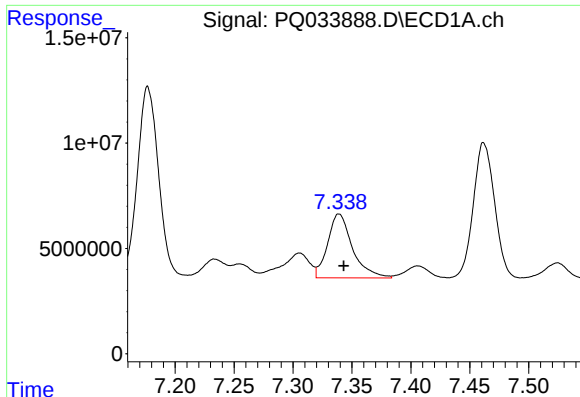
#30 AR-1254-5

R.T.: 7.882 min
Delta R.T.: 0.000 min
Response: 94012086
Conc: 710.17 ng/ml



#30 AR-1254-5

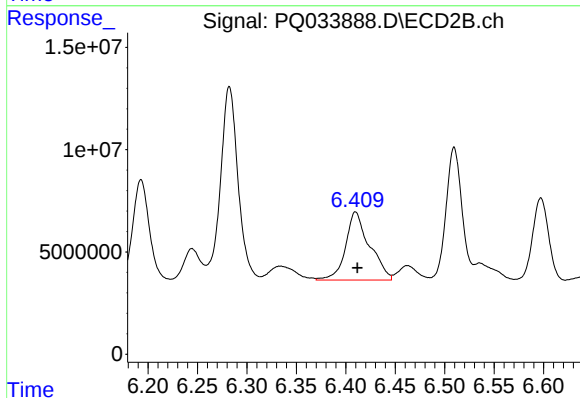
R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 107965527
Conc: 735.03 ng/ml



#31 AR-1260-1

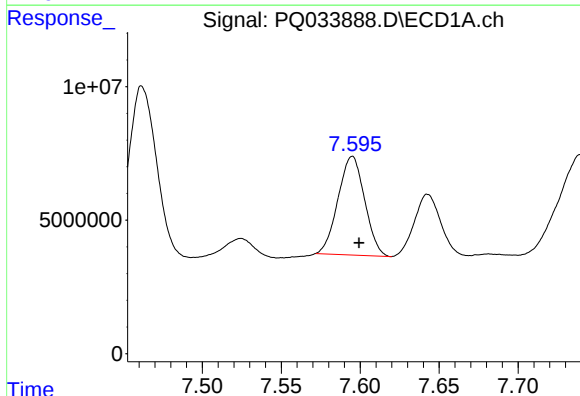
R.T.: 7.339 min
Delta R.T.: -0.004 min
Response: 44507026
Conc: 416.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



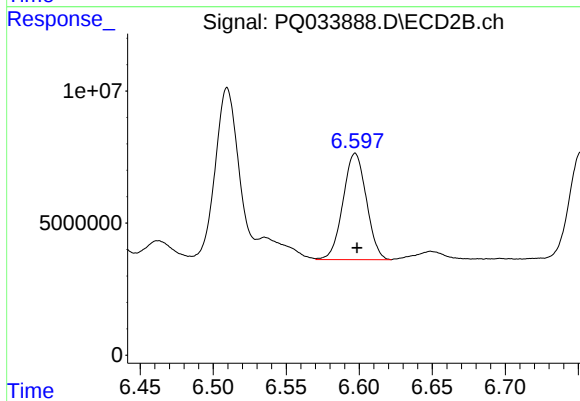
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 56178179
Conc: 598.12 ng/ml



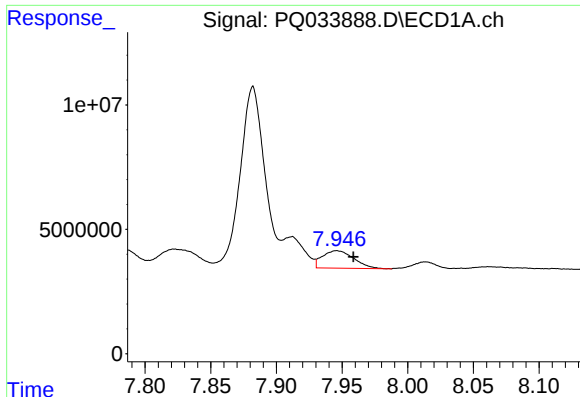
#32 AR-1260-2

R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 43342075
Conc: 343.23 ng/ml



#32 AR-1260-2

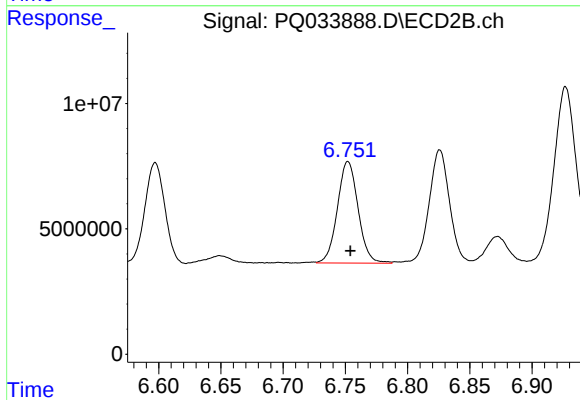
R.T.: 6.597 min
Delta R.T.: -0.001 min
Response: 44906747
Conc: 385.43 ng/ml



#33 AR-1260-3

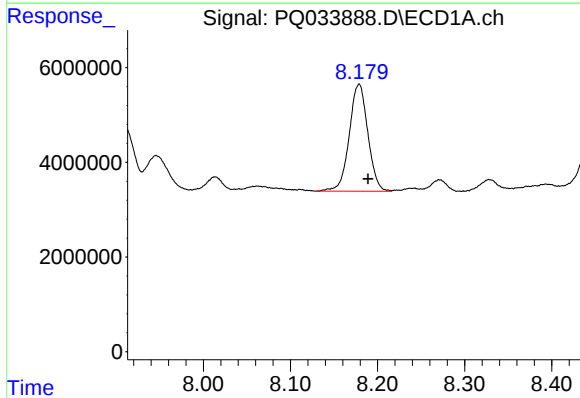
R.T.: 7.946 min
Delta R.T.: -0.013 min
Response: 11674926
Conc: 149.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



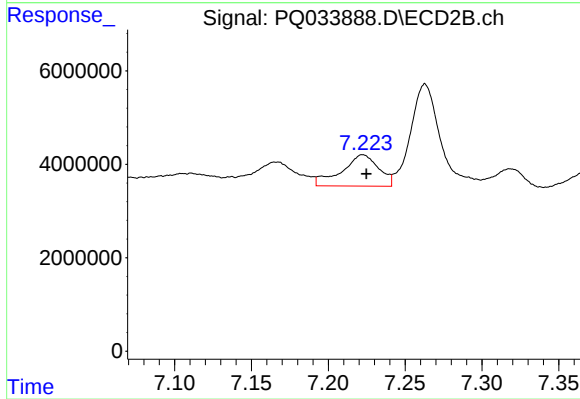
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 46938643
Conc: 435.25 ng/ml



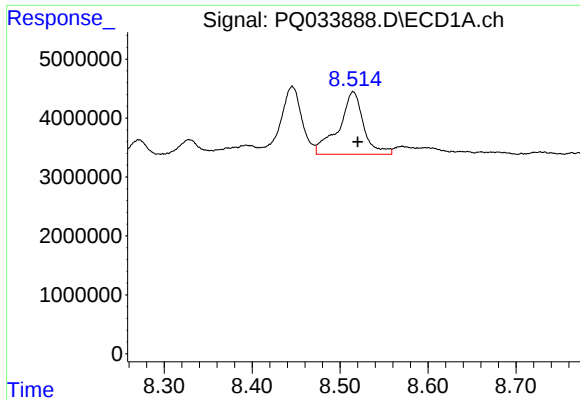
#34 AR-1260-4

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 33547661
Conc: 331.41 ng/ml



#34 AR-1260-4

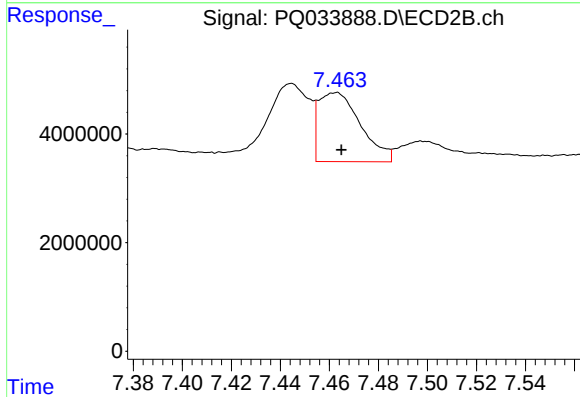
R.T.: 7.223 min
Delta R.T.: -0.002 min
Response: 11217074
Conc: 145.92 ng/ml



#35 AR-1260-5

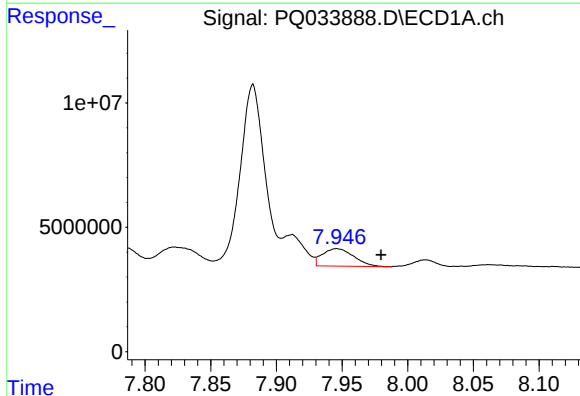
R.T.: 8.515 min
Delta R.T.: -0.005 min
Response: 20823692
Conc: 110.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



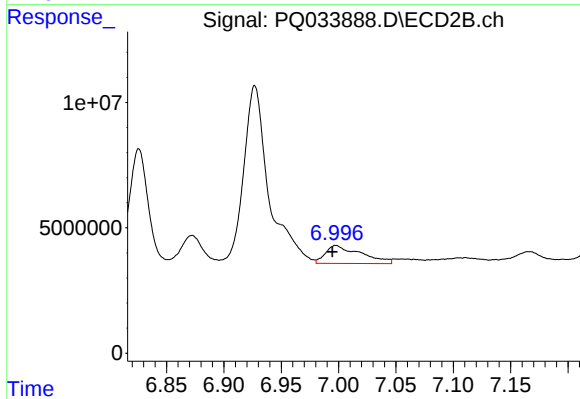
#35 AR-1260-5

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 15170916
Conc: 78.97 ng/ml



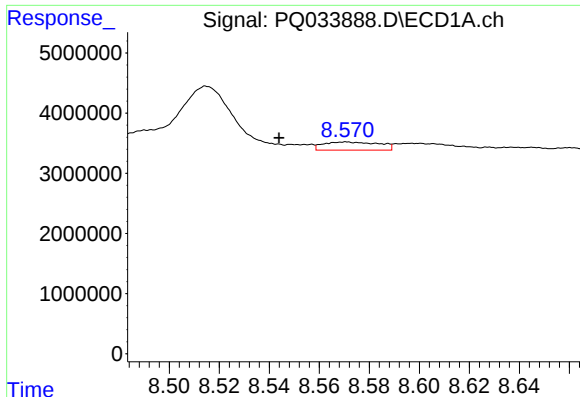
#36 AR-1262-1

R.T.: 7.946 min
Delta R.T.: -0.034 min
Response: 11674926
Conc: 86.62 ng/ml



#36 AR-1262-1

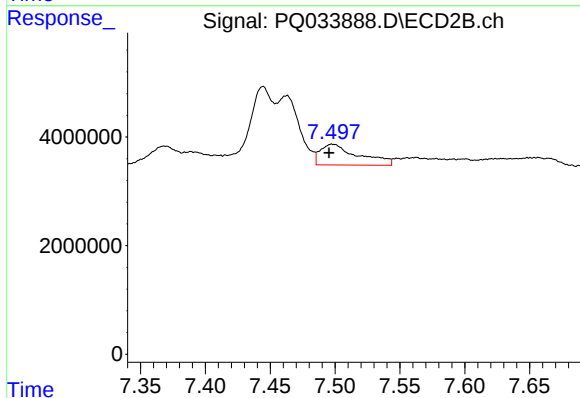
R.T.: 6.998 min
Delta R.T.: 0.003 min
Response: 15457225
Conc: 120.28 ng/ml



#37 AR-1262-2

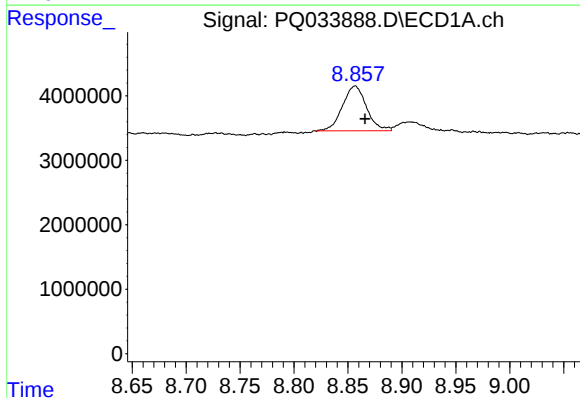
R.T.: 8.571 min
Delta R.T.: 0.027 min
Response: 2108945
Conc: 8.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



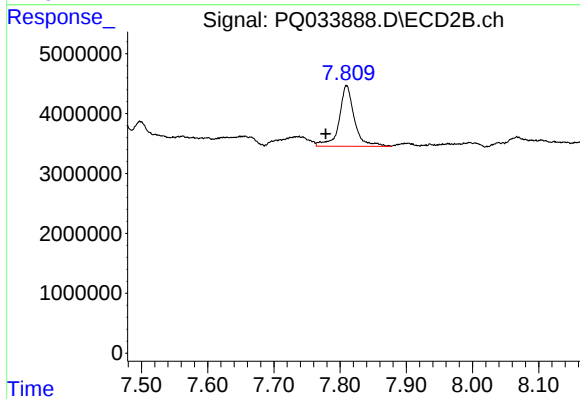
#37 AR-1262-2

R.T.: 7.498 min
Delta R.T.: 0.002 min
Response: 7781643
Conc: 32.49 ng/ml



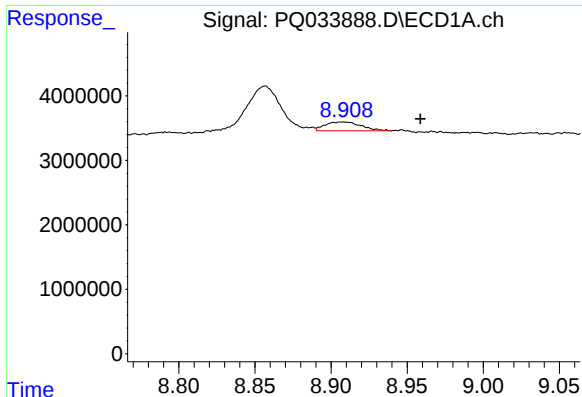
#38 AR-1262-3

R.T.: 8.857 min
Delta R.T.: -0.009 min
Response: 10852653
Conc: 65.61 ng/ml



#38 AR-1262-3

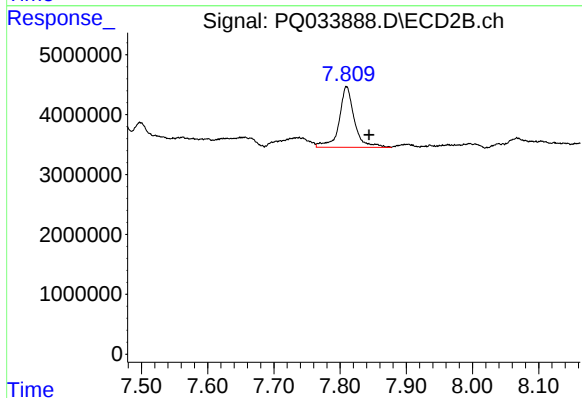
R.T.: 7.810 min
Delta R.T.: 0.031 min
Response: 16125902
Conc: 173.12 ng/ml



#39 AR-1262-4

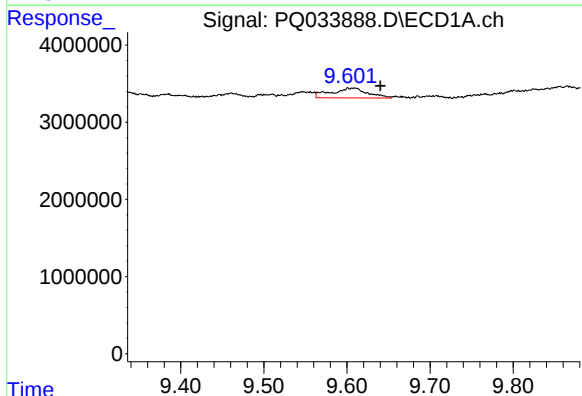
R.T.: 8.908 min
Delta R.T.: -0.051 min
Response: 2241267
Conc: 32.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



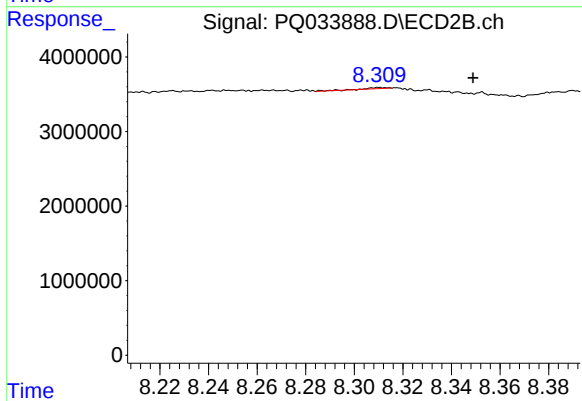
#39 AR-1262-4

R.T.: 7.810 min
Delta R.T.: -0.034 min
Response: 16125902
Conc: 92.63 ng/ml



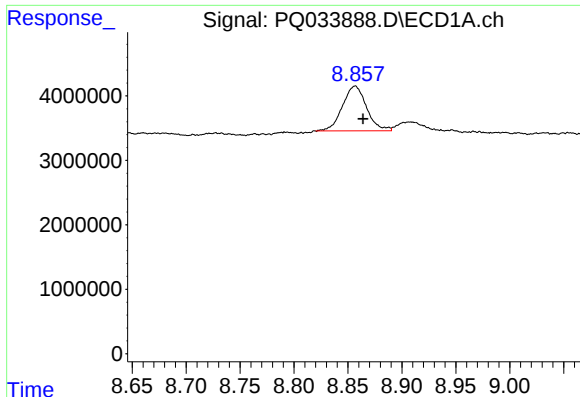
#40 AR-1262-5

R.T.: 9.601 min
Delta R.T.: -0.039 min
Response: 3851901
Conc: 44.03 ng/ml



#40 AR-1262-5

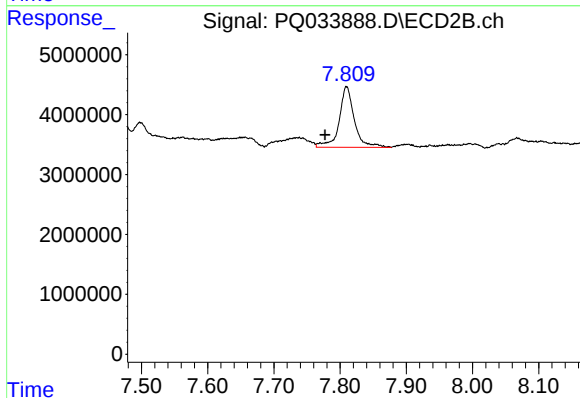
R.T.: 8.310 min
Delta R.T.: -0.039 min
Response: 60757
Conc: 0.75 ng/ml



#41 AR-1268-1

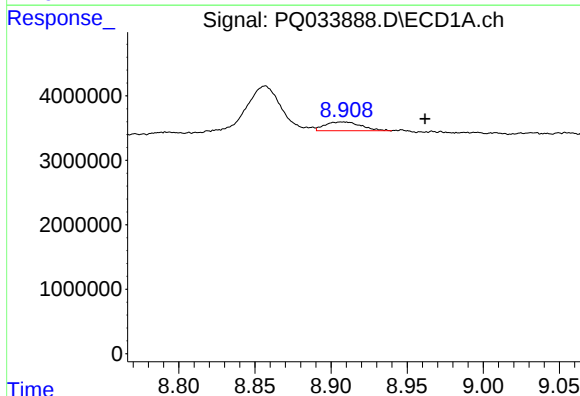
R.T.: 8.857 min
Delta R.T.: -0.007 min
Response: 10852653
Conc: 29.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



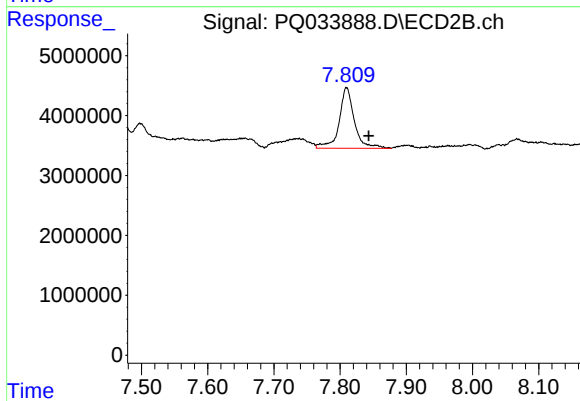
#41 AR-1268-1

R.T.: 7.810 min
Delta R.T.: 0.033 min
Response: 16125902
Conc: 47.17 ng/ml



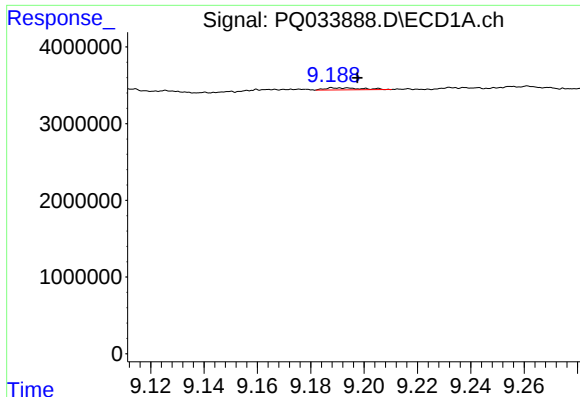
#42 AR-1268-2

R.T.: 8.908 min
Delta R.T.: -0.054 min
Response: 2241267
Conc: 6.72 ng/ml



#42 AR-1268-2

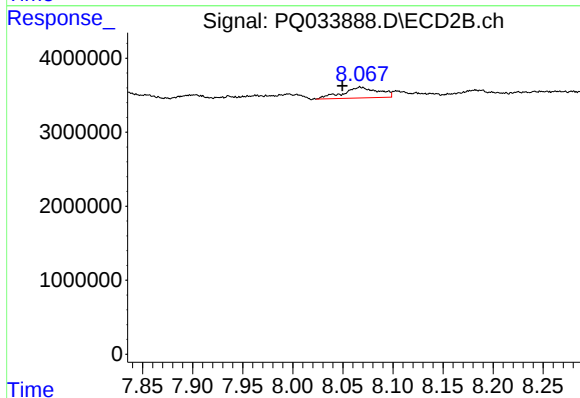
R.T.: 7.810 min
Delta R.T.: -0.033 min
Response: 16125902
Conc: 52.18 ng/ml



#43 AR-1268-3

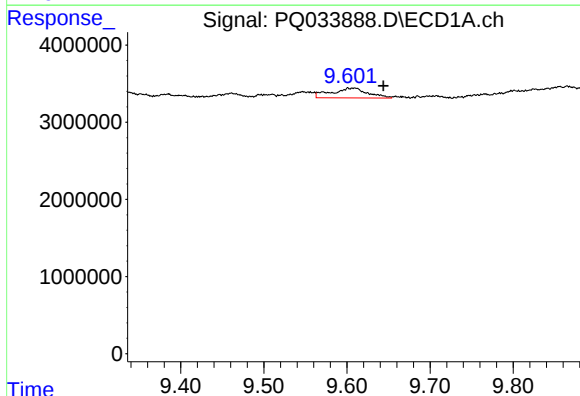
R.T.: 9.194 min
Delta R.T.: -0.004 min
Response: 261952
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



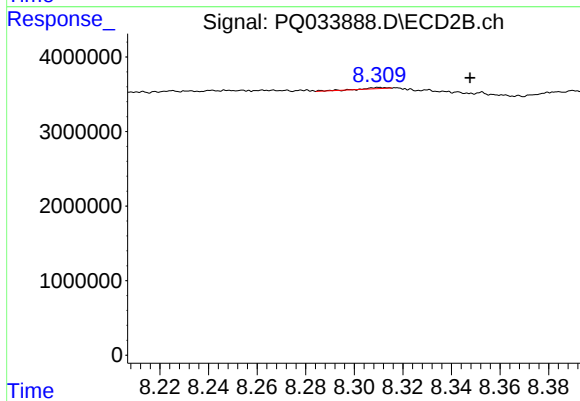
#43 AR-1268-3

R.T.: 8.067 min
Delta R.T.: 0.018 min
Response: 3562218
Conc: 13.92 ng/ml



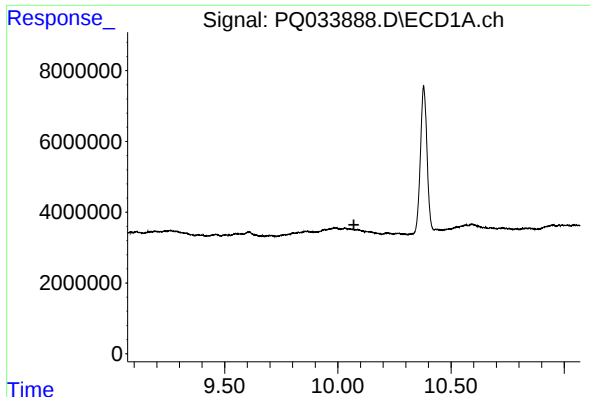
#44 AR-1268-4

R.T.: 9.601 min
Delta R.T.: -0.042 min
Response: 3851901
Conc: 31.88 ng/ml



#44 AR-1268-4

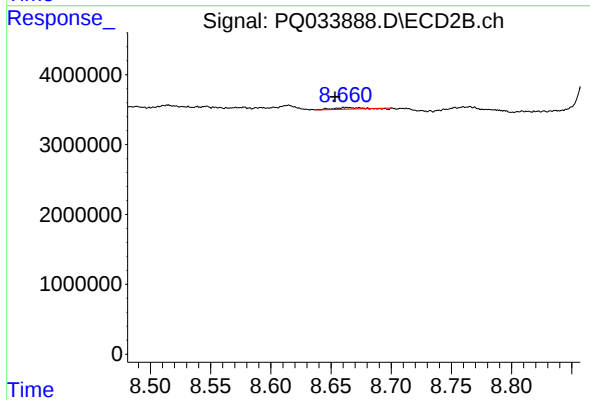
R.T.: 8.310 min
Delta R.T.: -0.037 min
Response: 60757
Conc: 0.55 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.663 min
Delta R.T.: 0.010 min
Response: 229387
Conc: 0.27 ng/ml