

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060487.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 06:11
 Operator : YP\AJ
 Sample : 01627-03
 Misc : AR1268 MDL 25 PPB
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:50:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 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...	3.434	2.796	467.9E6	262.6E6	20.336	23.339
2)	SA Decachlor...	8.564	7.524	321.0E6	287.0E6	23.674	26.740
Target Compounds							
3)	L1 AR-1016-1	4.535	3.813f	2159667	1880556	2.717	4.820 #
4)	L1 AR-1016-2	4.543	3.813	651156	1880556	0.544	3.188 #
5)	L1 AR-1016-3	4.603	3.972	2193334	197909	2.960	0.629 #
6)	L1 AR-1016-4	4.689	4.029	395150	1961711	0.637	8.003 #
7)	L1 AR-1016-5	4.978	4.199	3900837	1820969	6.630	5.702
8)	L2 AR-1221-1	3.619f	2.984	2557592	757074	10.676	6.736 #
9)	L2 AR-1221-2	3.709	3.063	8469926	3798134	48.456	45.626
10)	L2 AR-1221-3	3.784	3.153	1741556	524836	3.329	2.031 #
11)	L3 AR-1232-1	3.784	3.153	1741556	524836	3.317	1.960 #
12)	L3 AR-1232-2	4.282	3.813	203698	1880556	0.763	7.002 #
13)	L3 AR-1232-3	4.543	3.958	651156	246992	1.194	1.774 #
14)	L3 AR-1232-4	4.689	4.029f	395150	1961711	1.463	16.529 #
15)	L3 AR-1232-5	4.774	4.199	3158664	1820969	16.921	13.363
16)	L4 AR-1242-1	4.535	3.813f	2159667	1880556	3.497	5.848 #
17)	L4 AR-1242-2	4.543	3.813	651156	1880556	0.694	3.925 #
18)	L4 AR-1242-3	4.603	3.972	2193334	197909	3.797	0.763 #
19)	L4 AR-1242-4	4.689	4.029f	395150	1961711	0.810	8.196 #
20)	L4 AR-1242-5	5.389	4.553f	8211572	7081904	16.465	22.937 #
21)	L5 AR-1248-1	4.535	3.813f	2159667	1880556	4.529	7.677 #
22)	L5 AR-1248-2	4.774	3.995	3158664	420043	5.079	1.220 #
23)	L5 AR-1248-3	4.966	4.029f	3351957	1961711	4.423	5.627 #
24)	L5 AR-1248-4	0.000	4.199	0	1820969	N.D.	4.303 #
25)	L5 AR-1248-5	5.389	4.553f	8211572	7081904	9.818	16.638 #
26)	L6 AR-1254-1	5.323	4.553f	17870440	7081904	21.364	10.937 #
27)	L6 AR-1254-2	5.528	4.672	6589788	2353612	5.150	4.273
28)	L6 AR-1254-3	5.868f	5.041	3303243	1683551	2.431	1.963
29)	L6 AR-1254-4	6.165	5.267	3770135	174198	3.801	0.311 #
30)	L6 AR-1254-5	6.573	5.662	563654	351982	0.537	0.434
31)	L7 AR-1260-1	6.065	5.193	320060	492632	0.306	0.802 #
32)	L7 AR-1260-2	6.303	5.391f	1936385	1805960	1.561	2.422 #
33)	L7 AR-1260-3	6.658	5.502	14433662	6834024	16.147	9.403 #
34)	L7 AR-1260-4	6.900	5.949f	16681485	13514423	16.931	22.929 #
35)	L7 AR-1260-5	7.189	6.198	7648181	6391818	3.934	4.647
36)	L8 AR-1262-1	6.658	5.706	14433662	11633706	12.555	14.879
37)	L8 AR-1262-2	7.189	6.198	7648181	6391818	3.814	4.504
38)	L8 AR-1262-3	7.462	6.477	69432140	59999061	53.047	105.686 #
39)	L8 AR-1262-4	7.541	6.541	65995165	50147118	64.548	46.941 #
40)	L8 AR-1262-5	8.045	7.036	20822646	19152141	32.016	36.986
41)	L9 AR-1268-1	7.462	6.477	69432140	59999061	30.395	35.431

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060487.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 06:11
 Operator : YP\AJ
 Sample : 01627-03
 Misc : AR1268 MDL 25 PPB
 ALS Vial : 59 Sample Multiplier: 1

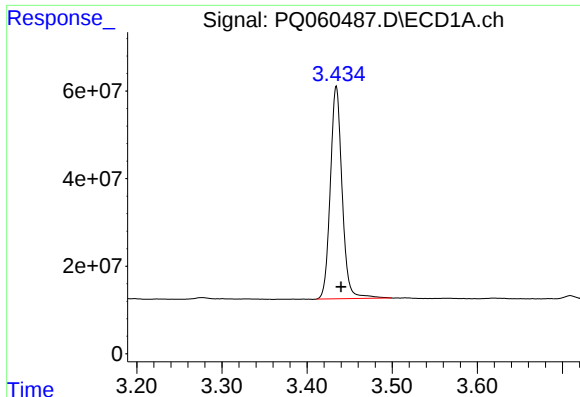
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:50:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 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	7.541	6.541	65995165	50147118	31.089	32.221
43) L9	AR-1268-3	7.723	6.743	51186511	43595805	29.419	32.033
44) L9	AR-1268-4	8.045	7.036	20822646	19152141	28.016	32.456
45) L9	AR-1268-5	8.335	7.305	144.6E6	136.6E6	28.073	32.019

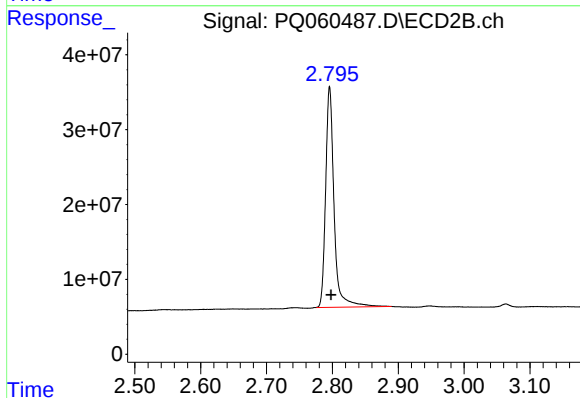
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

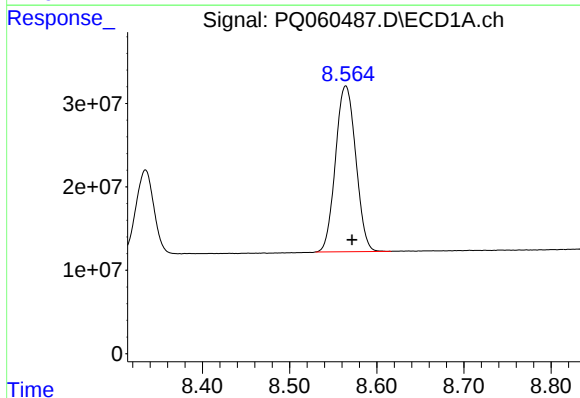
R.T.: 3.434 min
Delta R.T.: -0.006 min
Response: 467946786
Conc: 20.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



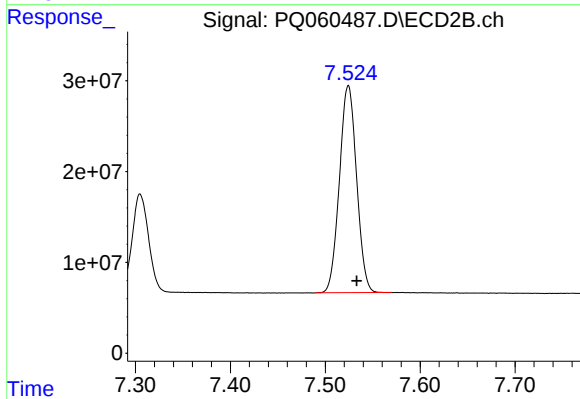
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: -0.002 min
Response: 262556984
Conc: 23.34 ng/ml



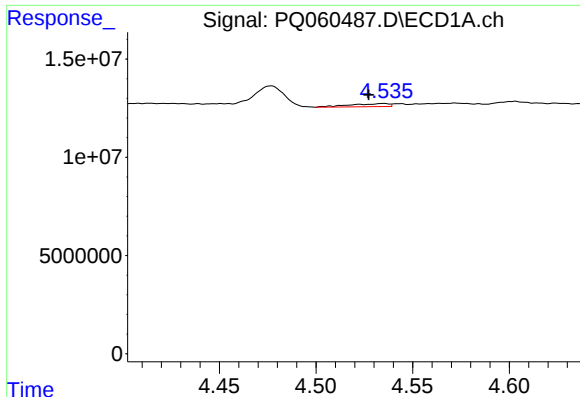
#2 Decachlorobiphenyl

R.T.: 8.564 min
Delta R.T.: -0.007 min
Response: 320997213
Conc: 23.67 ng/ml



#2 Decachlorobiphenyl

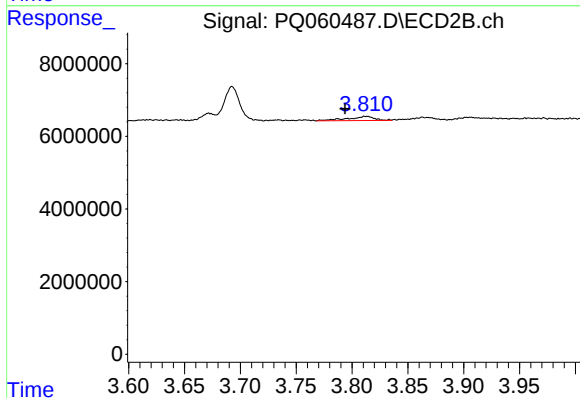
R.T.: 7.524 min
Delta R.T.: -0.009 min
Response: 286983643
Conc: 26.74 ng/ml



#3 AR-1016-1

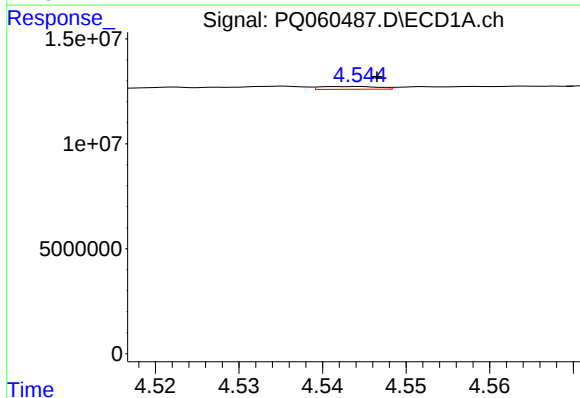
R.T.: 4.535 min
Delta R.T.: 0.008 min
Response: 2159667
Conc: 2.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



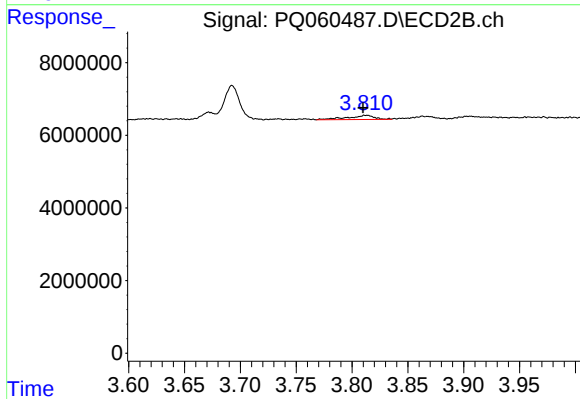
#3 AR-1016-1

R.T.: 3.813 min
Delta R.T.: 0.019 min
Response: 1880556
Conc: 4.82 ng/ml



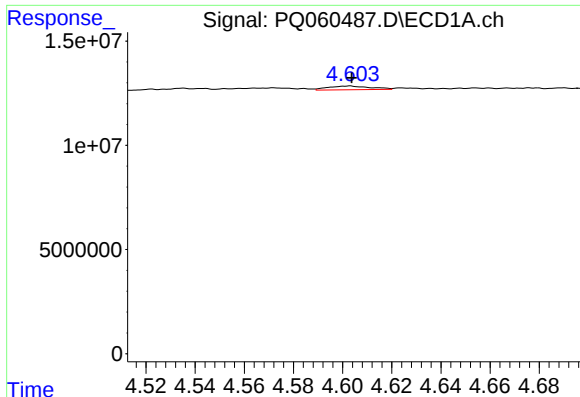
#4 AR-1016-2

R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 651156
Conc: 0.54 ng/ml



#4 AR-1016-2

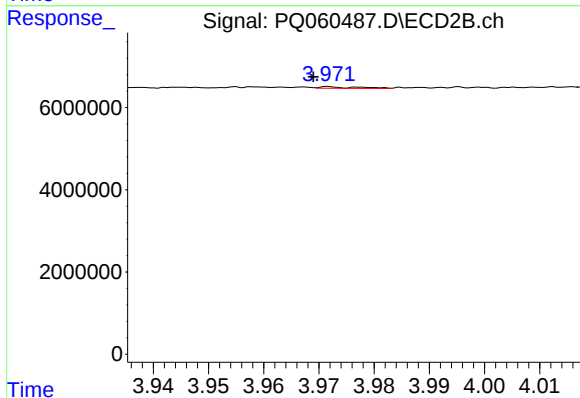
R.T.: 3.813 min
Delta R.T.: 0.003 min
Response: 1880556
Conc: 3.19 ng/ml



#5 AR-1016-3

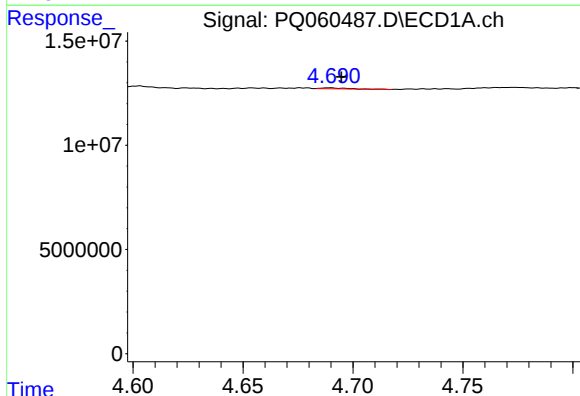
R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 2193334
Conc: 2.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



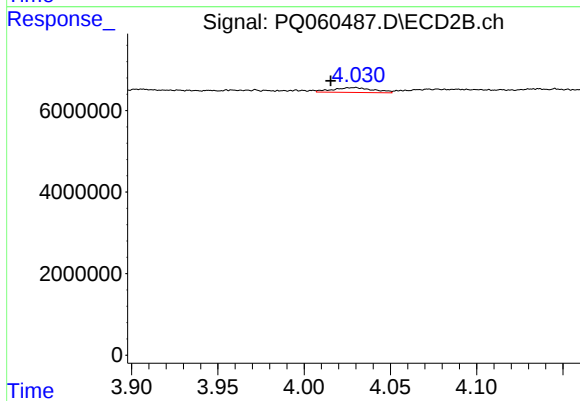
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: 0.003 min
Response: 197909
Conc: 0.63 ng/ml



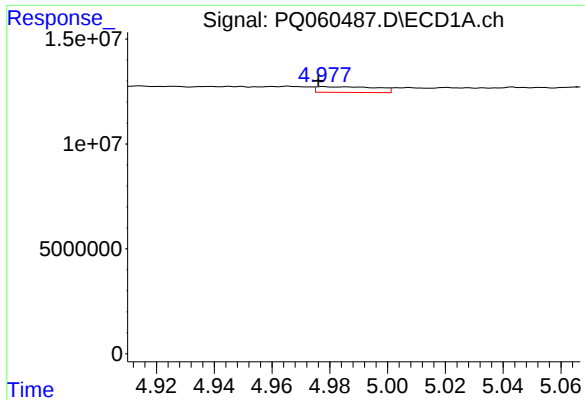
#6 AR-1016-4

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 395150
Conc: 0.64 ng/ml



#6 AR-1016-4

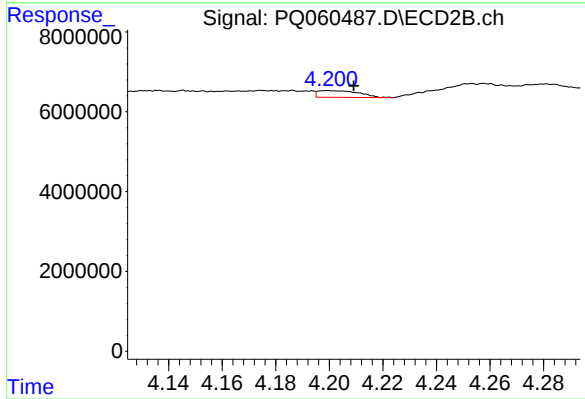
R.T.: 4.029 min
Delta R.T.: 0.014 min
Response: 1961711
Conc: 8.00 ng/ml



#7 AR-1016-5

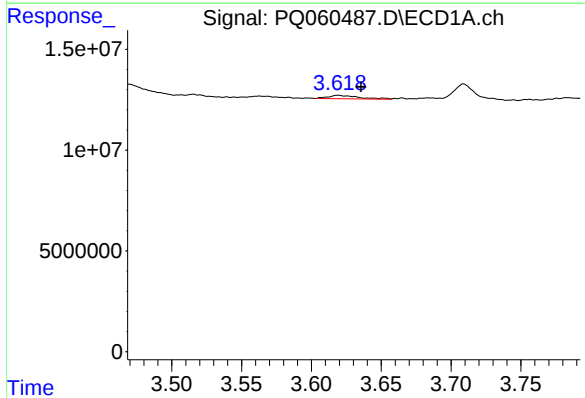
R.T.: 4.978 min
Delta R.T.: 0.002 min
Response: 3900837
Conc: 6.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



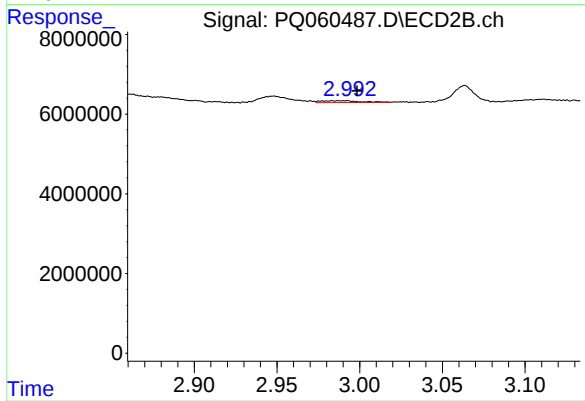
#7 AR-1016-5

R.T.: 4.199 min
Delta R.T.: -0.010 min
Response: 1820969
Conc: 5.70 ng/ml



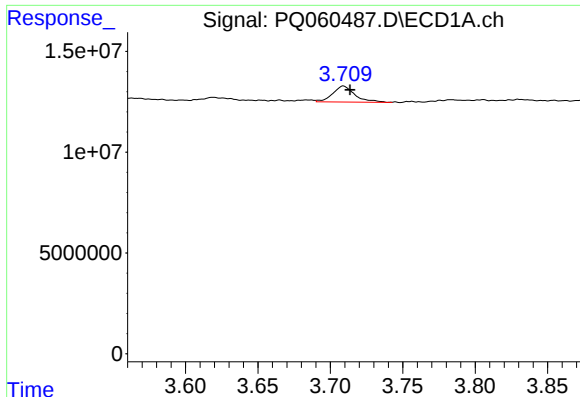
#8 AR-1221-1

R.T.: 3.619 min
Delta R.T.: -0.017 min
Response: 2557592
Conc: 10.68 ng/ml



#8 AR-1221-1

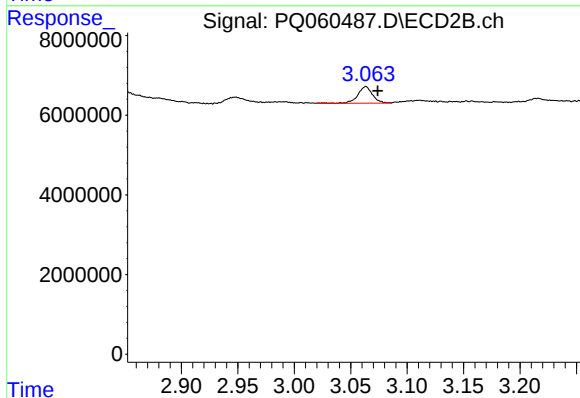
R.T.: 2.984 min
Delta R.T.: -0.015 min
Response: 757074
Conc: 6.74 ng/ml



#9 AR-1221-2

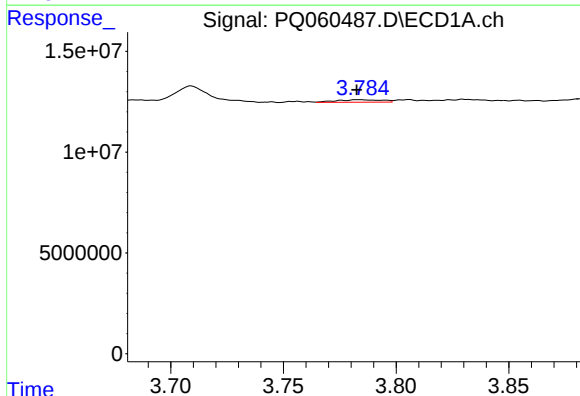
R.T.: 3.709 min
Delta R.T.: -0.004 min
Response: 8469926
Conc: 48.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



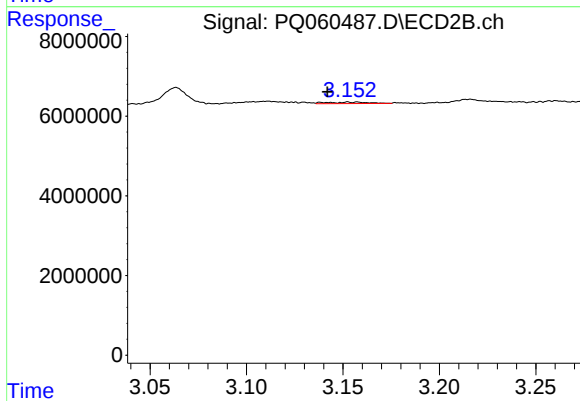
#9 AR-1221-2

R.T.: 3.063 min
Delta R.T.: -0.011 min
Response: 3798134
Conc: 45.63 ng/ml



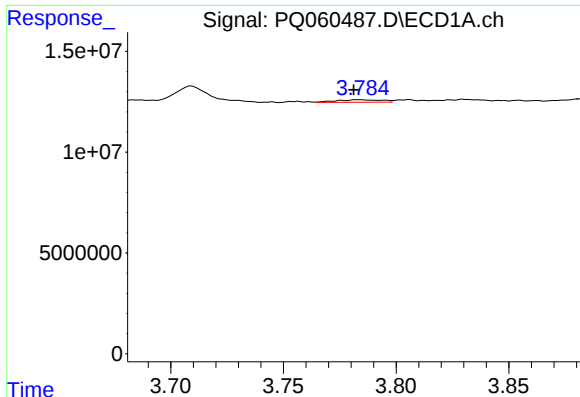
#10 AR-1221-3

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 1741556
Conc: 3.33 ng/ml



#10 AR-1221-3

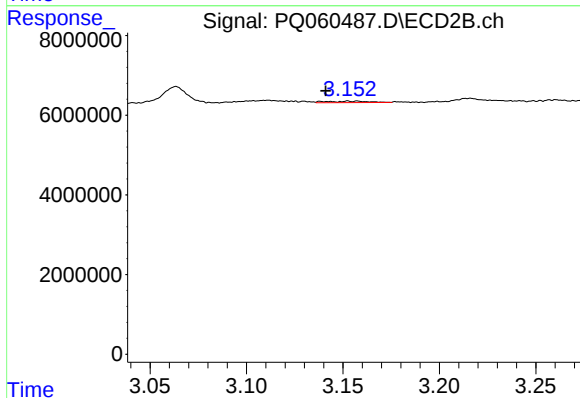
R.T.: 3.153 min
Delta R.T.: 0.011 min
Response: 524836
Conc: 2.03 ng/ml



#11 AR-1232-1

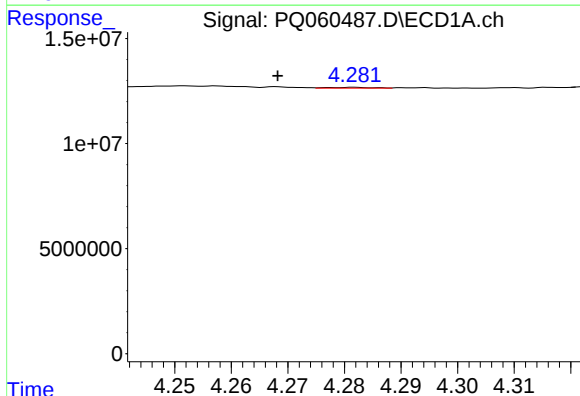
R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 1741556
Conc: 3.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



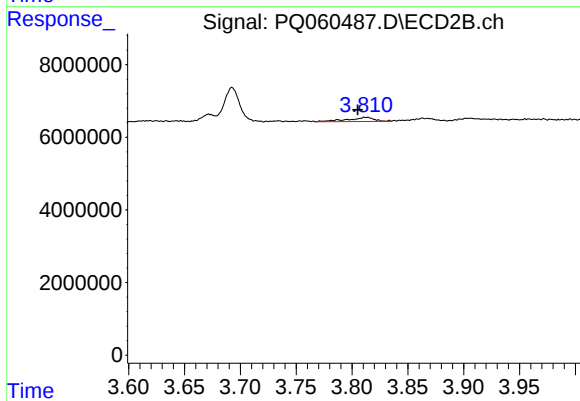
#11 AR-1232-1

R.T.: 3.153 min
Delta R.T.: 0.011 min
Response: 524836
Conc: 1.96 ng/ml



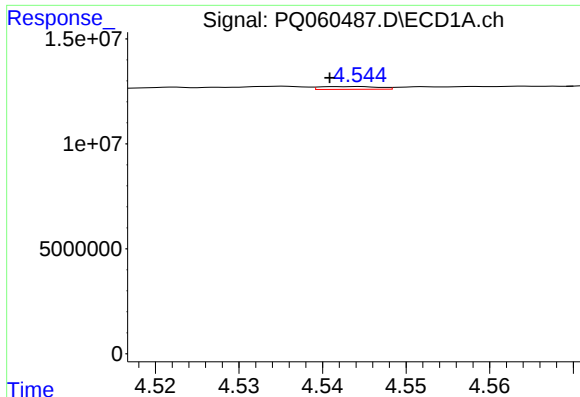
#12 AR-1232-2

R.T.: 4.282 min
Delta R.T.: 0.013 min
Response: 203698
Conc: 0.76 ng/ml



#12 AR-1232-2

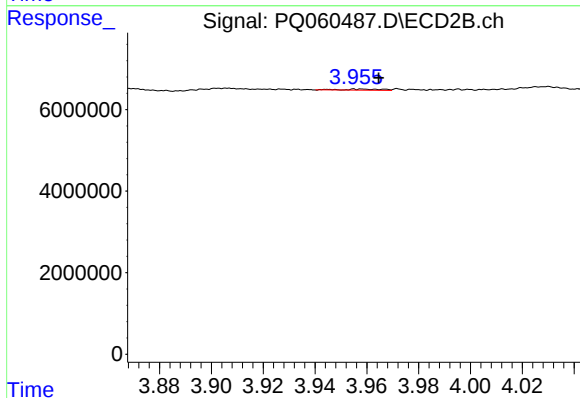
R.T.: 3.813 min
Delta R.T.: 0.008 min
Response: 1880556
Conc: 7.00 ng/ml



#13 AR-1232-3

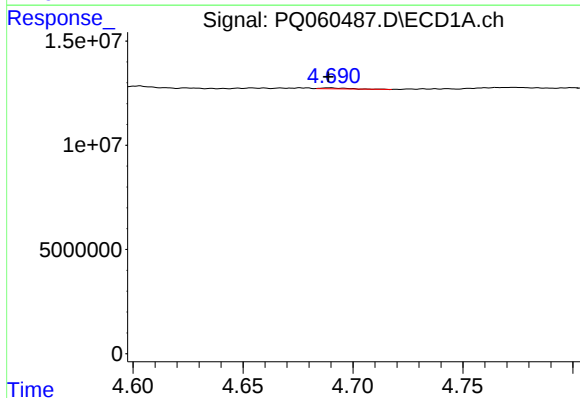
R.T.: 4.543 min
Delta R.T.: 0.002 min
Response: 651156
Conc: 1.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



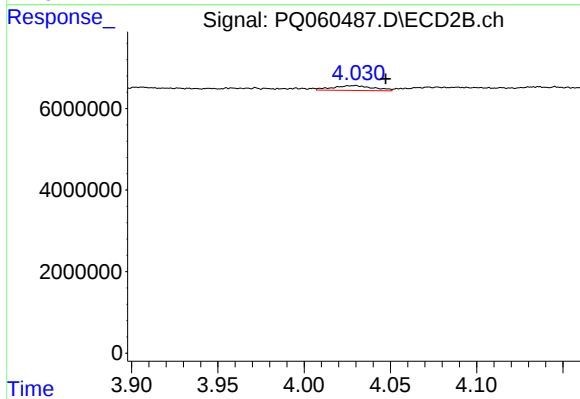
#13 AR-1232-3

R.T.: 3.958 min
Delta R.T.: -0.007 min
Response: 246992
Conc: 1.77 ng/ml



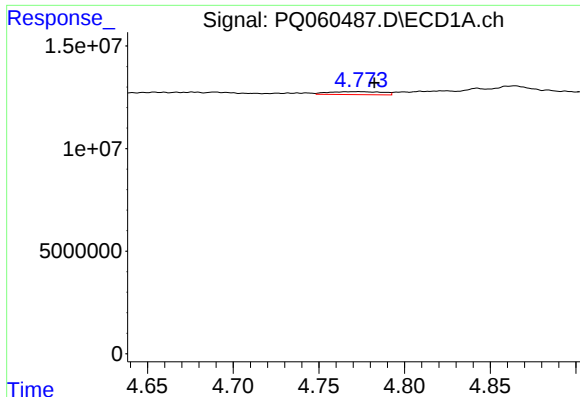
#14 AR-1232-4

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 395150
Conc: 1.46 ng/ml



#14 AR-1232-4

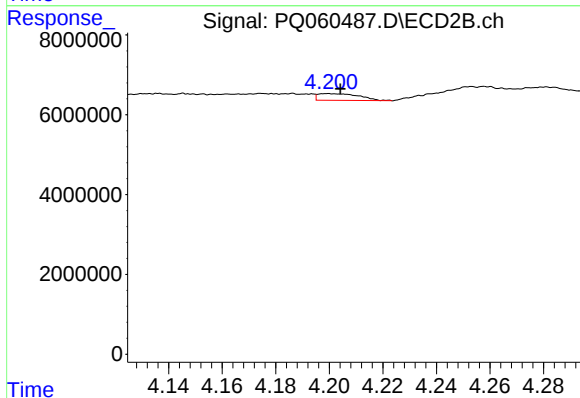
R.T.: 4.029 min
Delta R.T.: -0.018 min
Response: 1961711
Conc: 16.53 ng/ml



#15 AR-1232-5

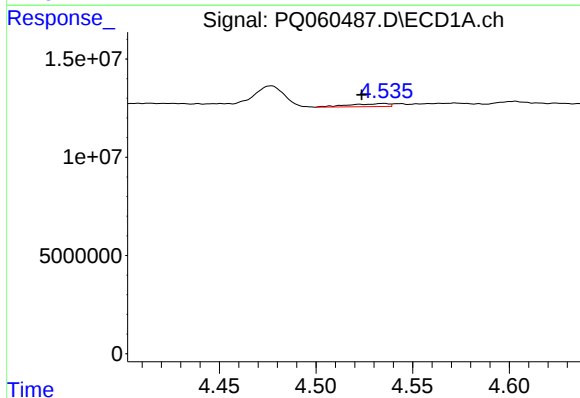
R.T.: 4.774 min
Delta R.T.: -0.009 min
Response: 3158664
Conc: 16.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



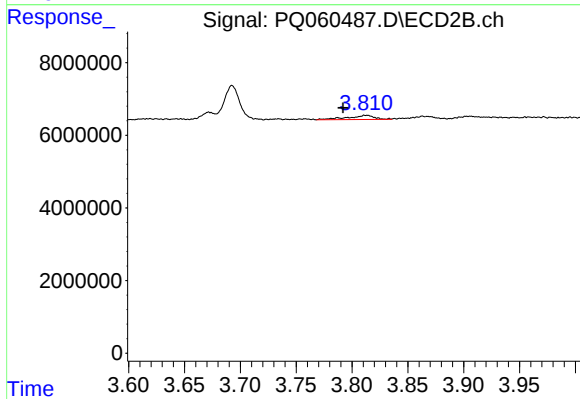
#15 AR-1232-5

R.T.: 4.199 min
Delta R.T.: -0.005 min
Response: 1820969
Conc: 13.36 ng/ml



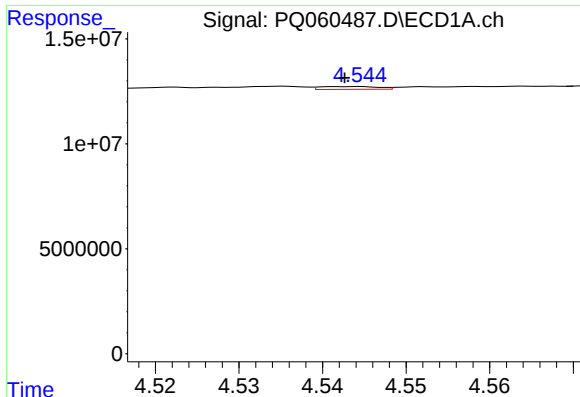
#16 AR-1242-1

R.T.: 4.535 min
Delta R.T.: 0.011 min
Response: 2159667
Conc: 3.50 ng/ml



#16 AR-1242-1

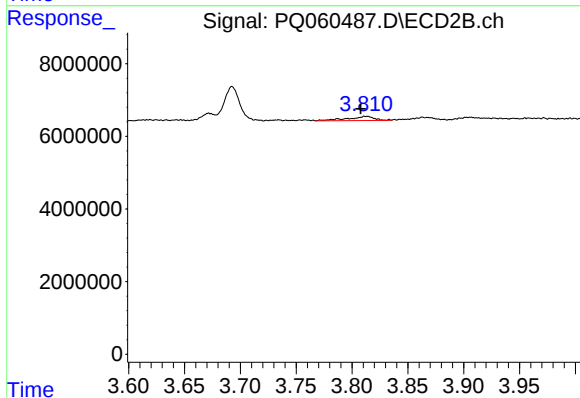
R.T.: 3.813 min
Delta R.T.: 0.021 min
Response: 1880556
Conc: 5.85 ng/ml



#17 AR-1242-2

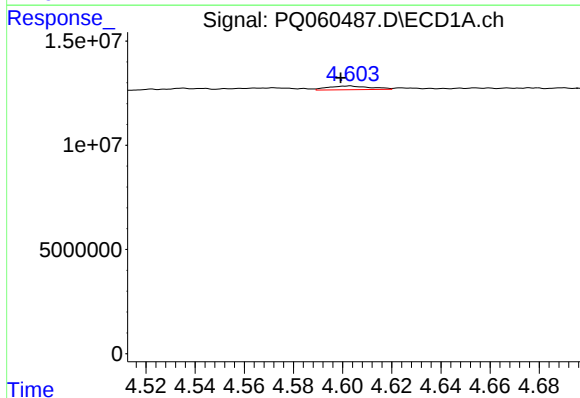
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 651156
Conc: 0.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



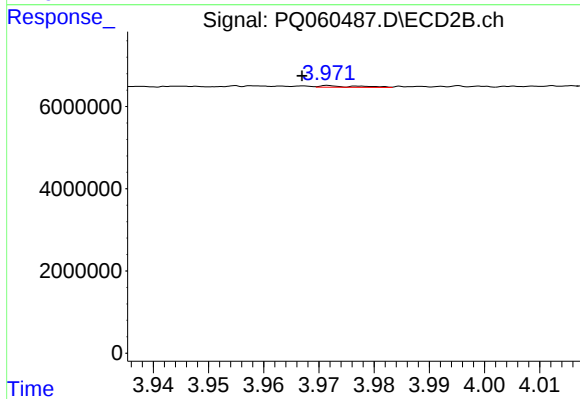
#17 AR-1242-2

R.T.: 3.813 min
Delta R.T.: 0.005 min
Response: 1880556
Conc: 3.93 ng/ml



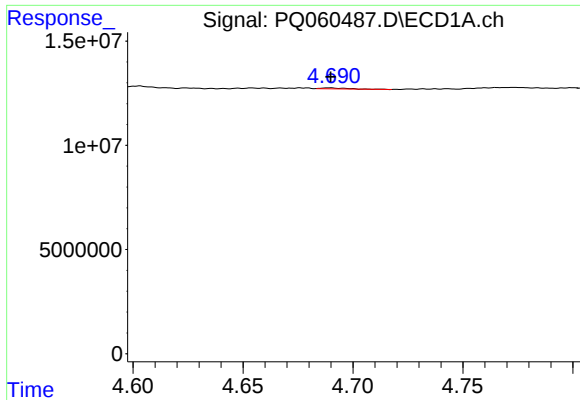
#18 AR-1242-3

R.T.: 4.603 min
Delta R.T.: 0.003 min
Response: 2193334
Conc: 3.80 ng/ml



#18 AR-1242-3

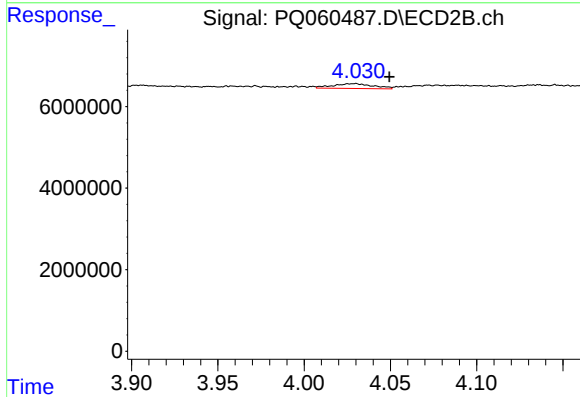
R.T.: 3.972 min
Delta R.T.: 0.005 min
Response: 197909
Conc: 0.76 ng/ml



#19 AR-1242-4

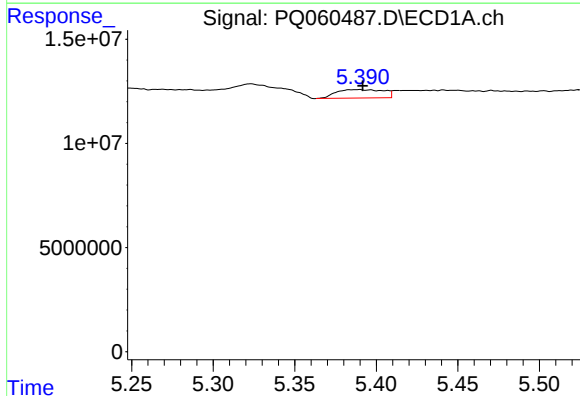
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 395150
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



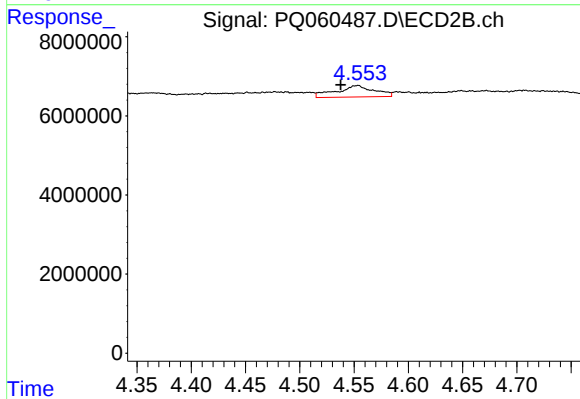
#19 AR-1242-4

R.T.: 4.029 min
Delta R.T.: -0.020 min
Response: 1961711
Conc: 8.20 ng/ml



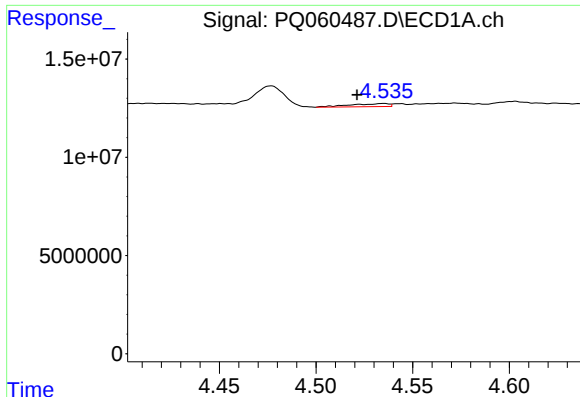
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: -0.002 min
Response: 8211572
Conc: 16.47 ng/ml



#20 AR-1242-5

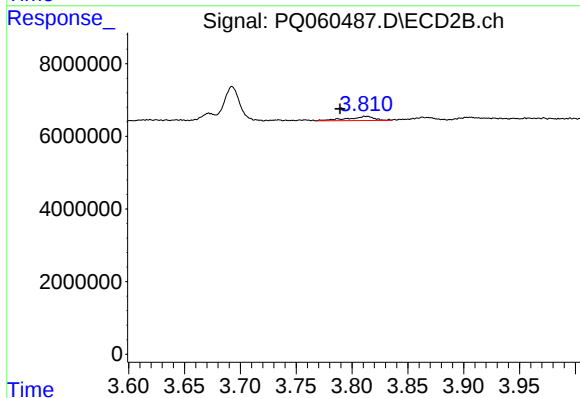
R.T.: 4.553 min
Delta R.T.: 0.016 min
Response: 7081904
Conc: 22.94 ng/ml



#21 AR-1248-1

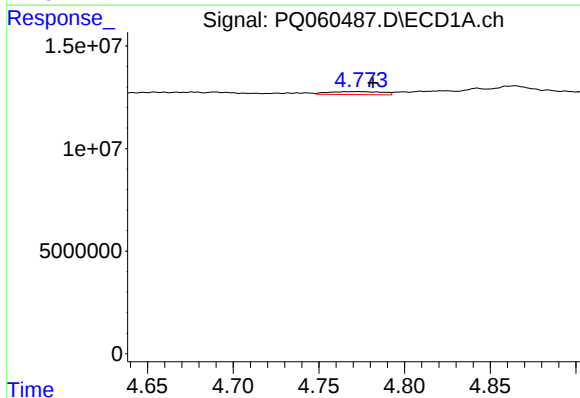
R.T.: 4.535 min
Delta R.T.: 0.014 min
Response: 2159667
Conc: 4.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



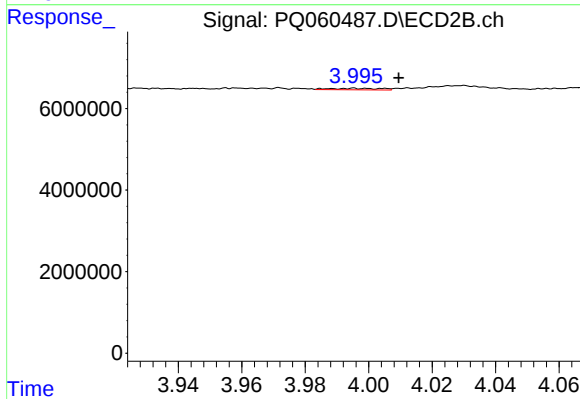
#21 AR-1248-1

R.T.: 3.813 min
Delta R.T.: 0.024 min
Response: 1880556
Conc: 7.68 ng/ml



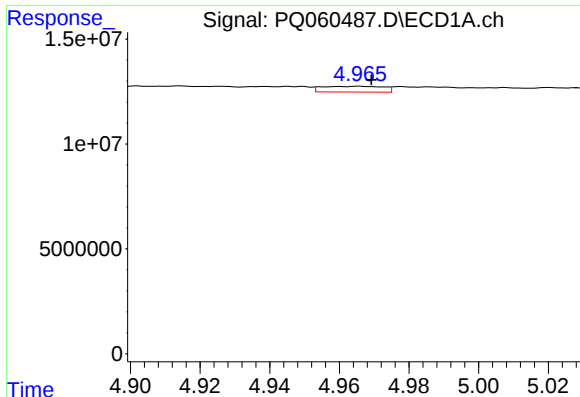
#22 AR-1248-2

R.T.: 4.774 min
Delta R.T.: -0.008 min
Response: 3158664
Conc: 5.08 ng/ml



#22 AR-1248-2

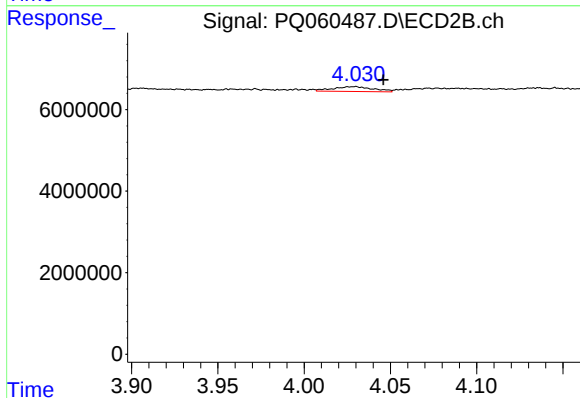
R.T.: 3.995 min
Delta R.T.: -0.014 min
Response: 420043
Conc: 1.22 ng/ml



#23 AR-1248-3

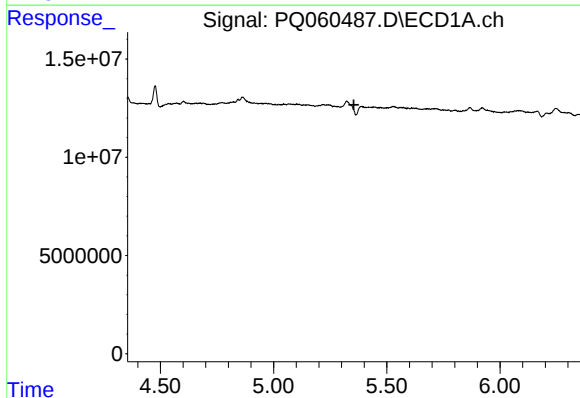
R.T.: 4.966 min
Delta R.T.: -0.003 min
Response: 3351957
Conc: 4.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



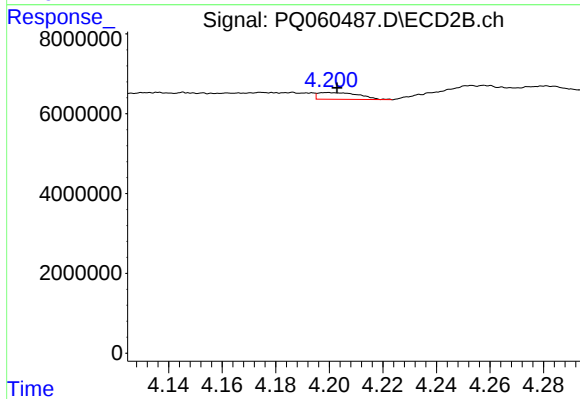
#23 AR-1248-3

R.T.: 4.029 min
Delta R.T.: -0.017 min
Response: 1961711
Conc: 5.63 ng/ml



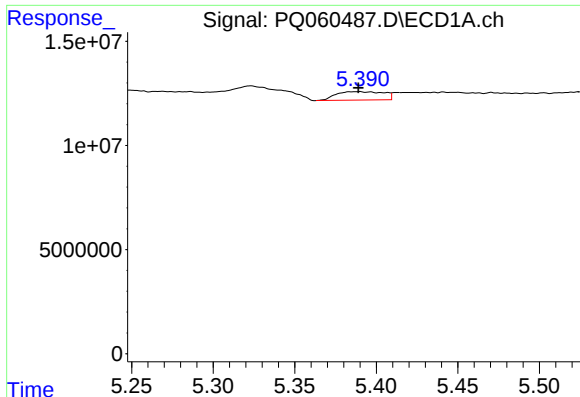
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.355 min
Response: 0
Conc: N.D.



#24 AR-1248-4

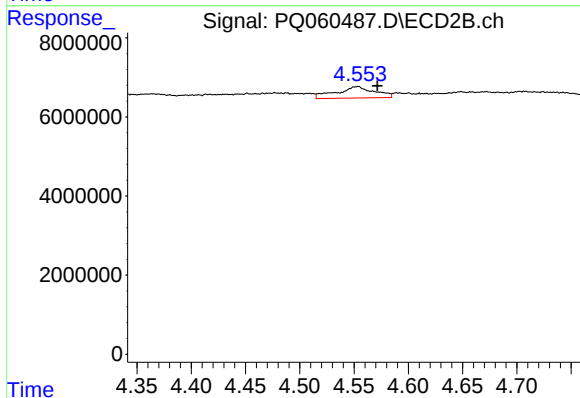
R.T.: 4.199 min
Delta R.T.: -0.003 min
Response: 1820969
Conc: 4.30 ng/ml



#25 AR-1248-5

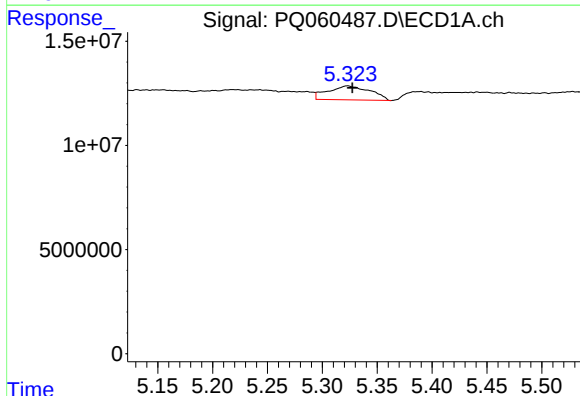
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 8211572
Conc: 9.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



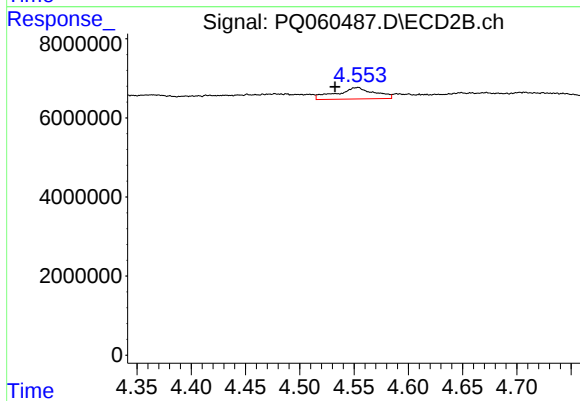
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: -0.018 min
Response: 7081904
Conc: 16.64 ng/ml



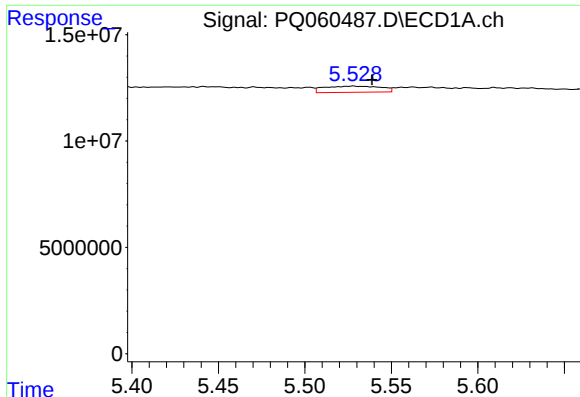
#26 AR-1254-1

R.T.: 5.323 min
Delta R.T.: -0.004 min
Response: 17870440
Conc: 21.36 ng/ml



#26 AR-1254-1

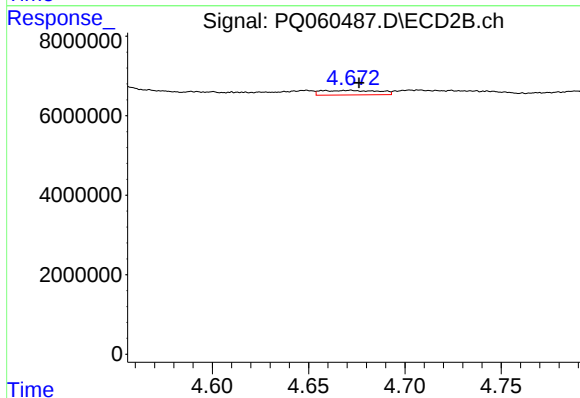
R.T.: 4.553 min
Delta R.T.: 0.021 min
Response: 7081904
Conc: 10.94 ng/ml



#27 AR-1254-2

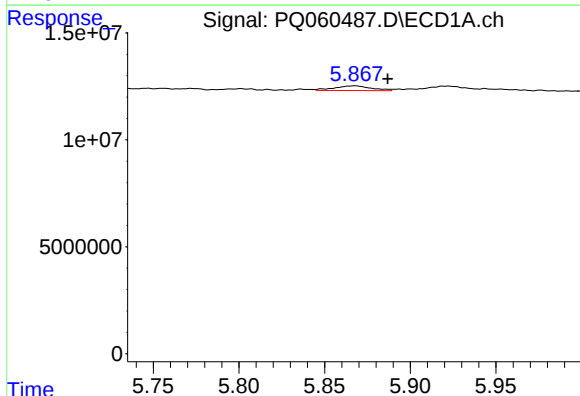
R.T.: 5.528 min
Delta R.T.: -0.011 min
Response: 6589788
Conc: 5.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



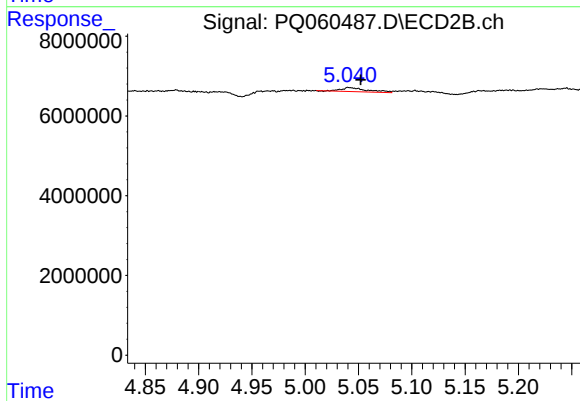
#27 AR-1254-2

R.T.: 4.672 min
Delta R.T.: -0.004 min
Response: 2353612
Conc: 4.27 ng/ml



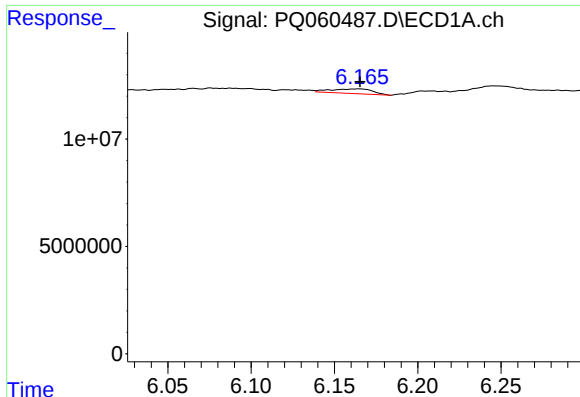
#28 AR-1254-3

R.T.: 5.868 min
Delta R.T.: -0.019 min
Response: 3303243
Conc: 2.43 ng/ml



#28 AR-1254-3

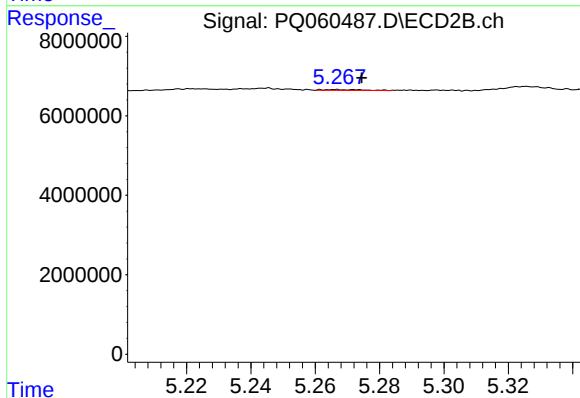
R.T.: 5.041 min
Delta R.T.: -0.011 min
Response: 1683551
Conc: 1.96 ng/ml



#29 AR-1254-4

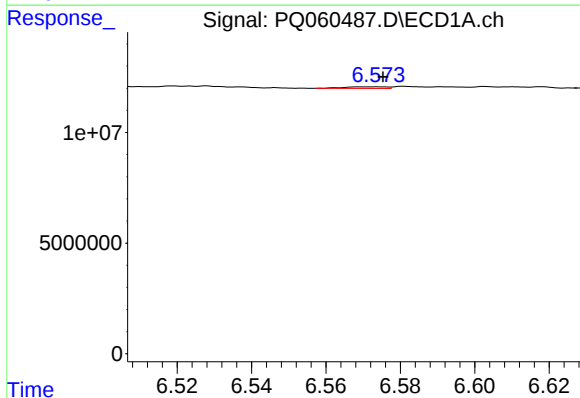
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 3770135
Conc: 3.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



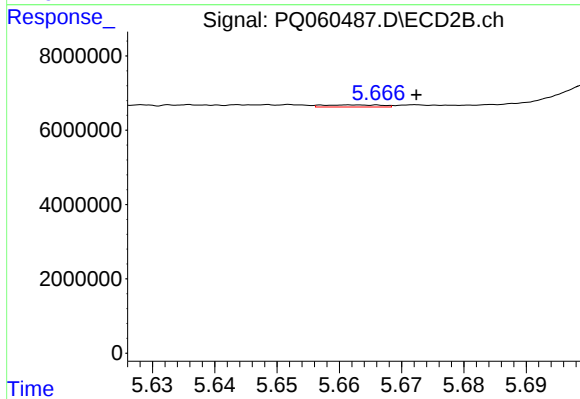
#29 AR-1254-4

R.T.: 5.267 min
Delta R.T.: -0.008 min
Response: 174198
Conc: 0.31 ng/ml



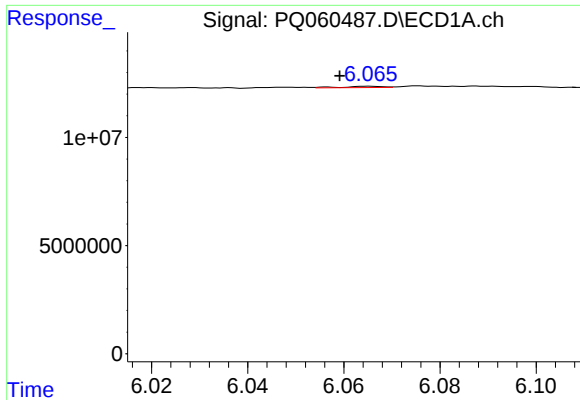
#30 AR-1254-5

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 563654
Conc: 0.54 ng/ml



#30 AR-1254-5

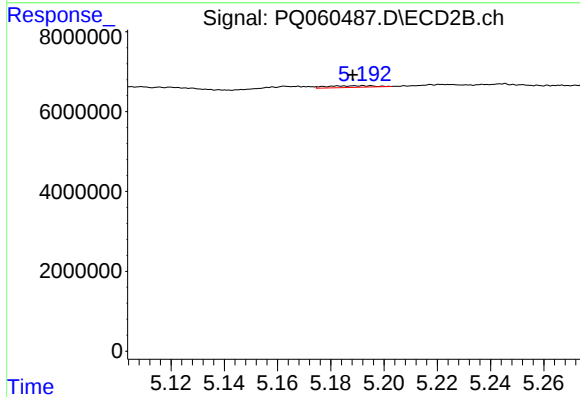
R.T.: 5.662 min
Delta R.T.: -0.010 min
Response: 351982
Conc: 0.43 ng/ml



#31 AR-1260-1

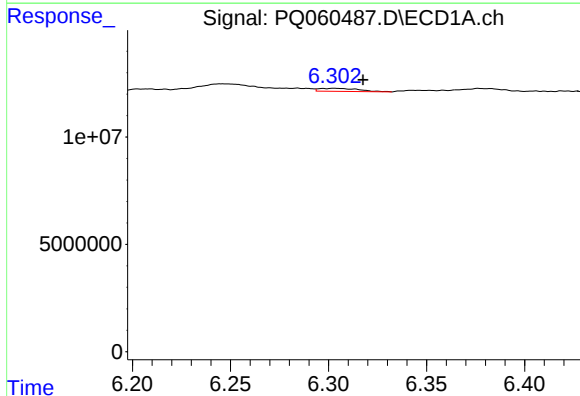
R.T.: 6.065 min
Delta R.T.: 0.006 min
Response: 320060
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



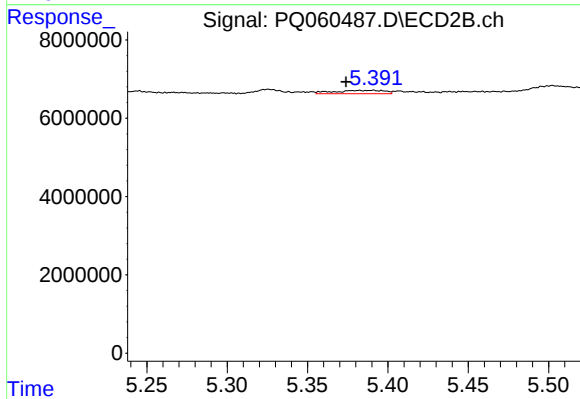
#31 AR-1260-1

R.T.: 5.193 min
Delta R.T.: 0.004 min
Response: 492632
Conc: 0.80 ng/ml



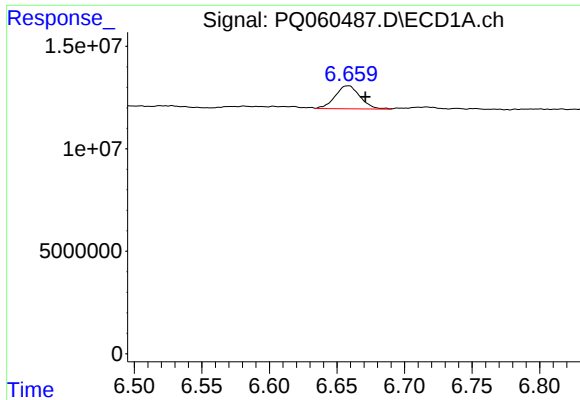
#32 AR-1260-2

R.T.: 6.303 min
Delta R.T.: -0.014 min
Response: 1936385
Conc: 1.56 ng/ml



#32 AR-1260-2

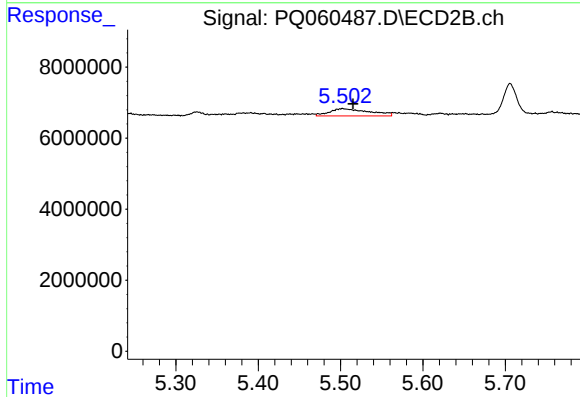
R.T.: 5.391 min
Delta R.T.: 0.017 min
Response: 1805960
Conc: 2.42 ng/ml



#33 AR-1260-3

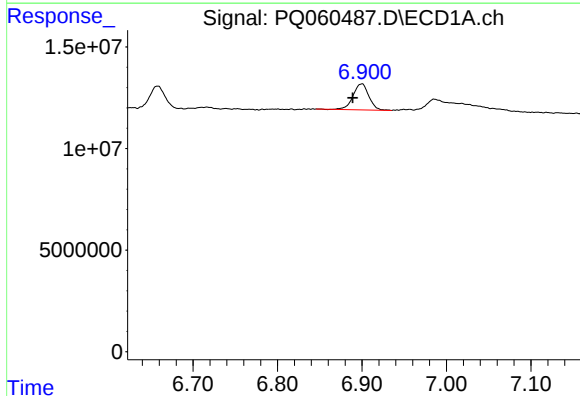
R.T.: 6.658 min
Delta R.T.: -0.013 min
Response: 14433662
Conc: 16.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



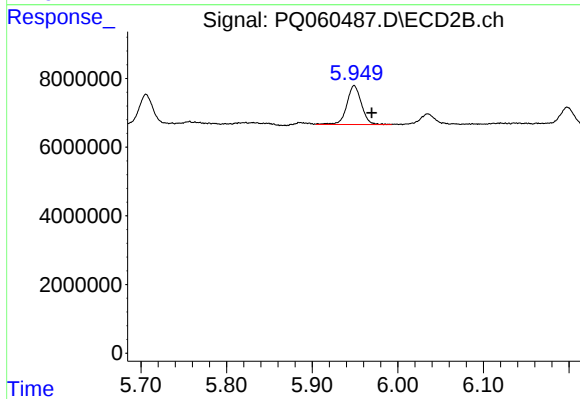
#33 AR-1260-3

R.T.: 5.502 min
Delta R.T.: -0.013 min
Response: 6834024
Conc: 9.40 ng/ml



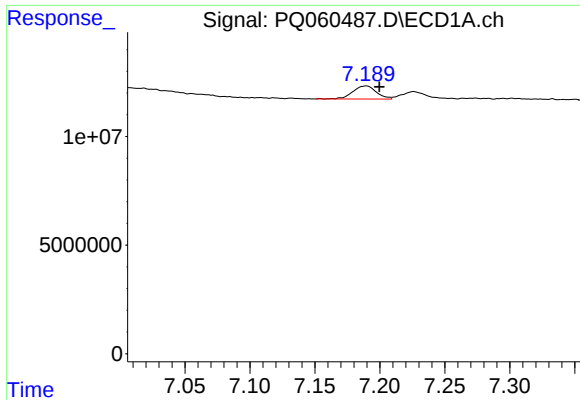
#34 AR-1260-4

R.T.: 6.900 min
Delta R.T.: 0.011 min
Response: 16681485
Conc: 16.93 ng/ml



#34 AR-1260-4

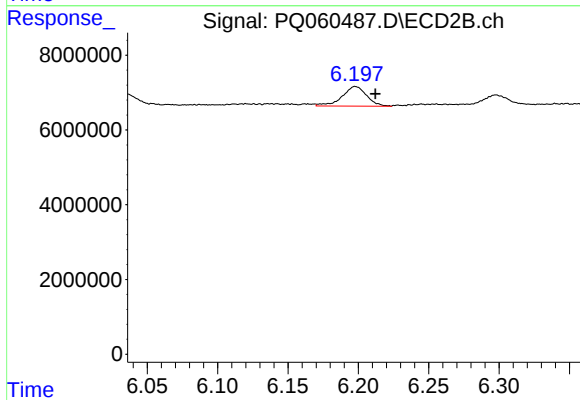
R.T.: 5.949 min
Delta R.T.: -0.020 min
Response: 13514423
Conc: 22.93 ng/ml



#35 AR-1260-5

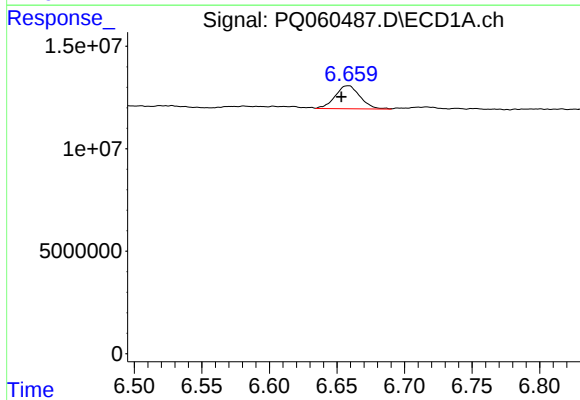
R.T.: 7.189 min
Delta R.T.: -0.010 min
Response: 7648181
Conc: 3.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



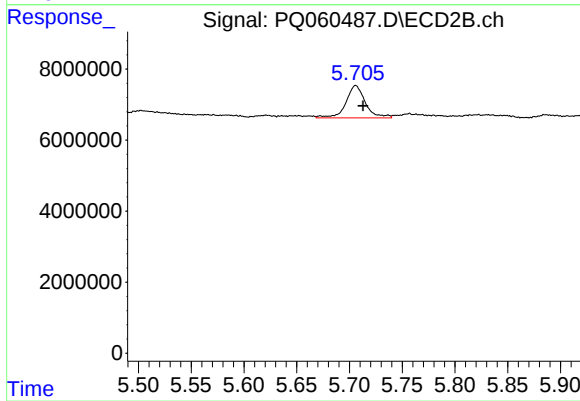
#35 AR-1260-5

R.T.: 6.198 min
Delta R.T.: -0.014 min
Response: 6391818
Conc: 4.65 ng/ml



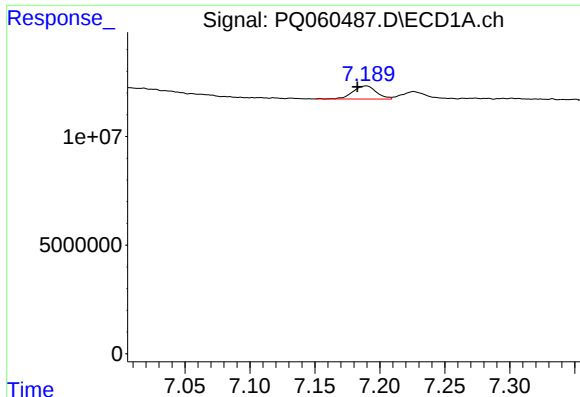
#36 AR-1262-1

R.T.: 6.658 min
Delta R.T.: 0.005 min
Response: 14433662
Conc: 12.56 ng/ml



#36 AR-1262-1

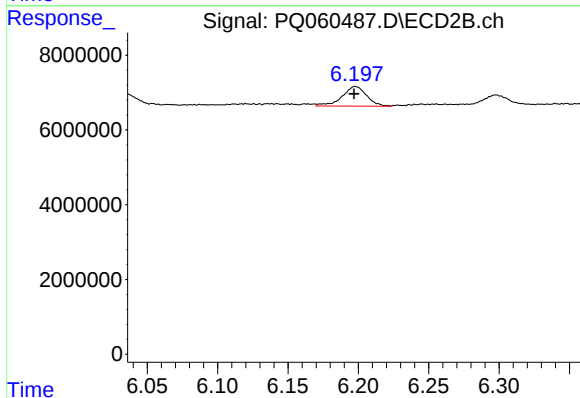
R.T.: 5.706 min
Delta R.T.: -0.007 min
Response: 11633706
Conc: 14.88 ng/ml



#37 AR-1262-2

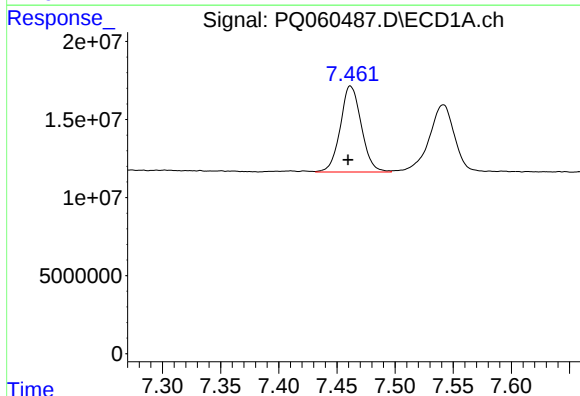
R.T.: 7.189 min
Delta R.T.: 0.007 min
Response: 7648181
Conc: 3.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



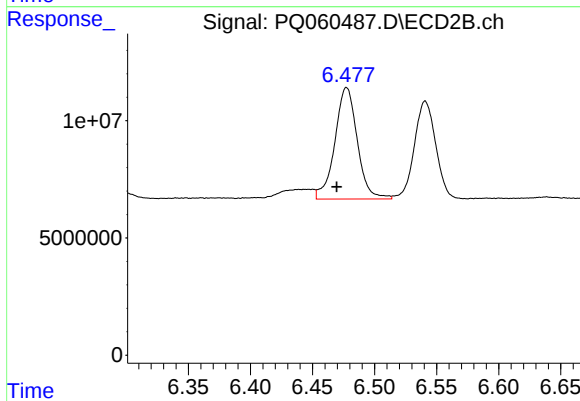
#37 AR-1262-2

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 6391818
Conc: 4.50 ng/ml



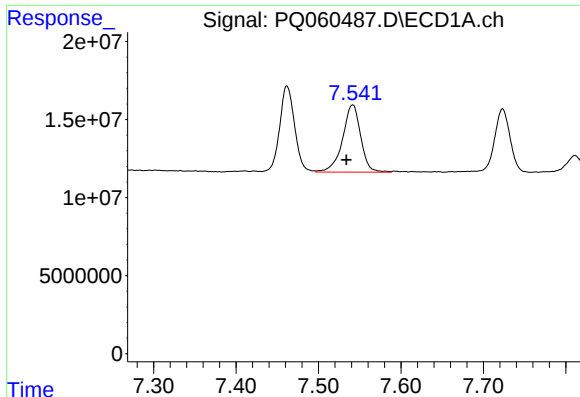
#38 AR-1262-3

R.T.: 7.462 min
Delta R.T.: 0.002 min
Response: 69432140
Conc: 53.05 ng/ml



#38 AR-1262-3

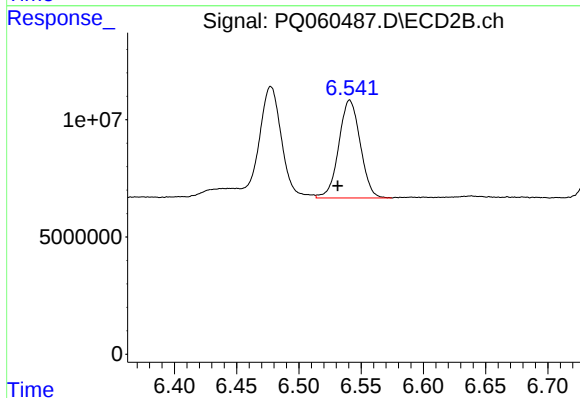
R.T.: 6.477 min
Delta R.T.: 0.008 min
Response: 59999061
Conc: 105.69 ng/ml



#39 AR-1262-4

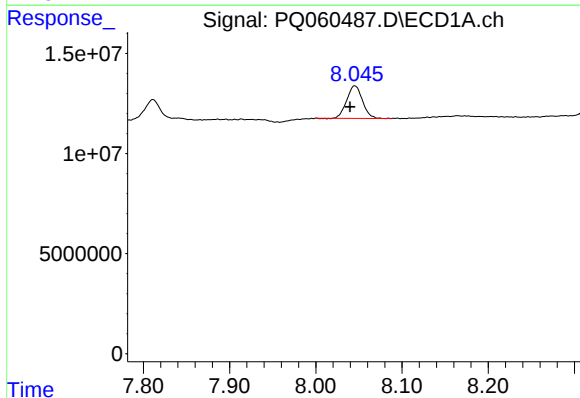
R.T.: 7.541 min
Delta R.T.: 0.008 min
Response: 65995165
Conc: 64.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



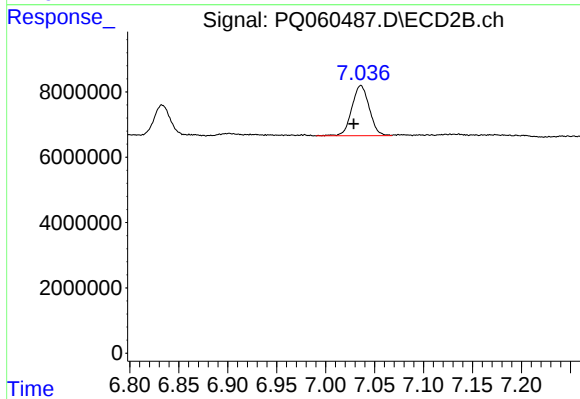
#39 AR-1262-4

R.T.: 6.541 min
Delta R.T.: 0.010 min
Response: 50147118
Conc: 46.94 ng/ml



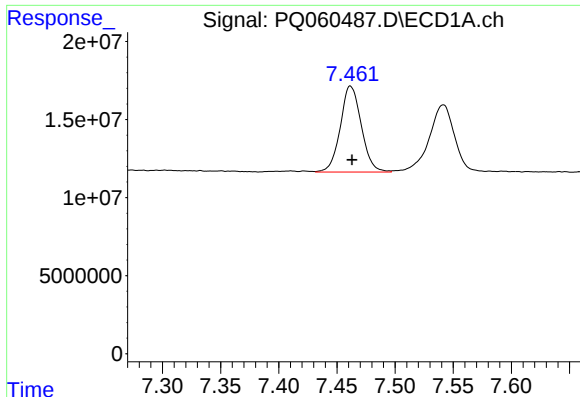
#40 AR-1262-5

R.T.: 8.045 min
Delta R.T.: 0.006 min
Response: 20822646
Conc: 32.02 ng/ml



#40 AR-1262-5

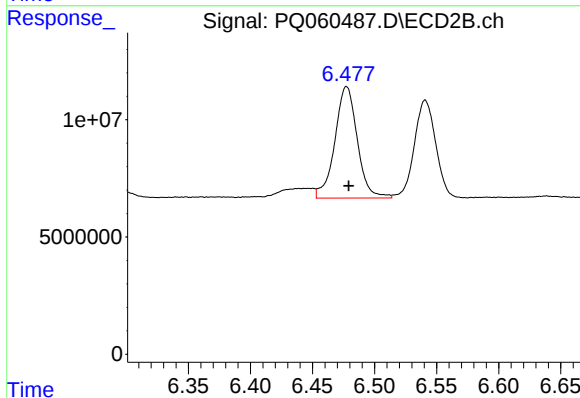
R.T.: 7.036 min
Delta R.T.: 0.007 min
Response: 19152141
Conc: 36.99 ng/ml



#41 AR-1268-1

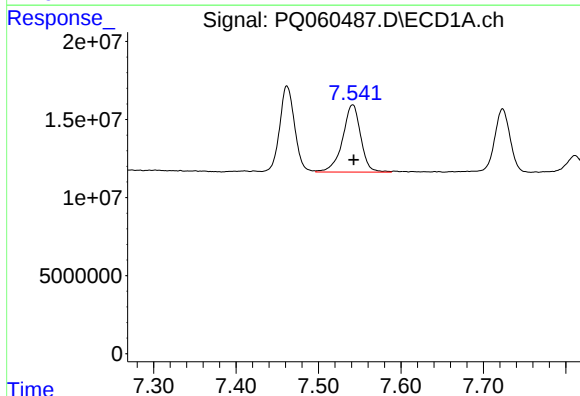
R.T.: 7.462 min
Delta R.T.: -0.001 min
Response: 69432140
Conc: 30.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



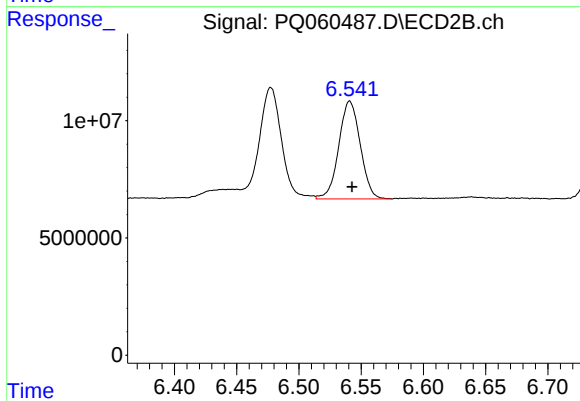
#41 AR-1268-1

R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 59999061
Conc: 35.43 ng/ml



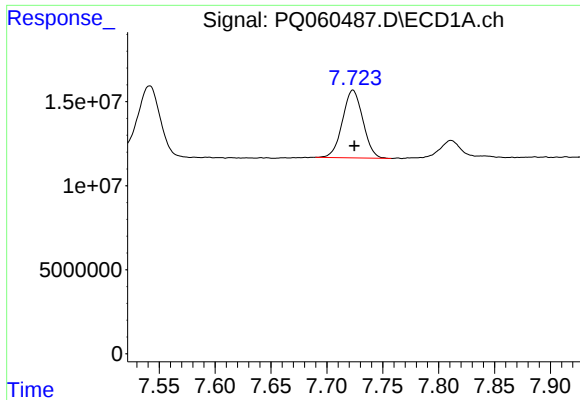
#42 AR-1268-2

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 65995165
Conc: 31.09 ng/ml



#42 AR-1268-2

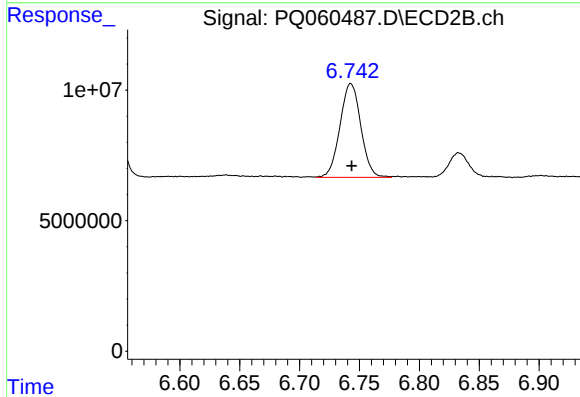
R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 50147118
Conc: 32.22 ng/ml



#43 AR-1268-3

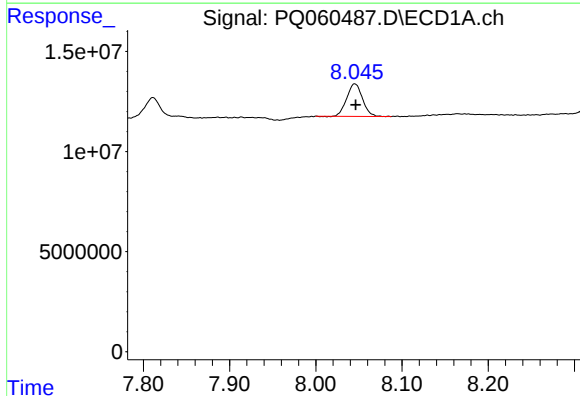
R.T.: 7.723 min
Delta R.T.: -0.001 min
Response: 51186511
Conc: 29.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



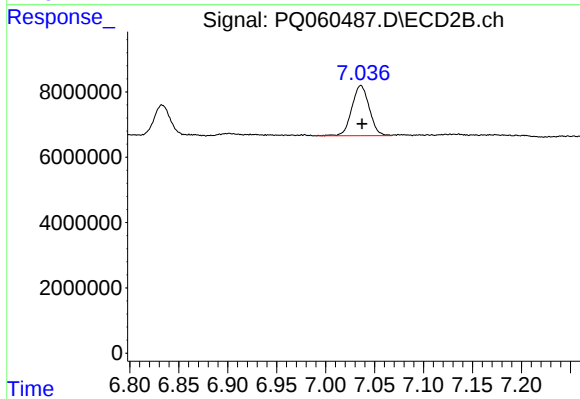
#43 AR-1268-3

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 43595805
Conc: 32.03 ng/ml



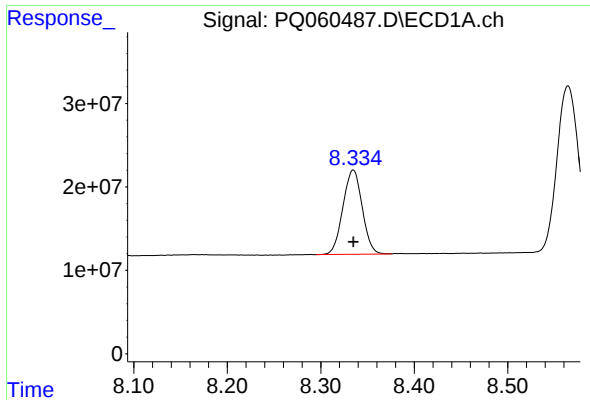
#44 AR-1268-4

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 20822646
Conc: 28.02 ng/ml



#44 AR-1268-4

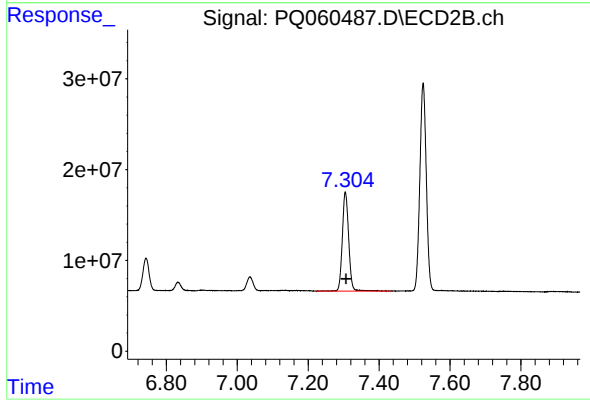
R.T.: 7.036 min
Delta R.T.: -0.001 min
Response: 19152141
Conc: 32.46 ng/ml



#45 AR-1268-5

R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 144616291
Conc: 28.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.305 min
Delta R.T.: -0.002 min
Response: 136576865
Conc: 32.02 ng/ml