

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041720\
 Data File : PQ047479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2020 21:27
 Operator : AJ\MA
 Sample : L2283-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PA-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 02:40:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 17 08:20:56 2020
 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...	5.106	4.261	400.3E6	57104267	21.780	19.188
2)	SA Decachlor...	11.183	9.644	380.1E6	52556616	17.806	16.811
Target Compounds							
3)	L1 AR-1016-1	6.444	0.000	7955997	0	11.751	N.D. #
4)	L1 AR-1016-2	6.444	0.000	7955997	0	8.328	N.D. #
5)	L1 AR-1016-3	6.565	0.000	14876188	0	25.892	N.D. #
6)	L1 AR-1016-4	6.612	0.000	29153833	0	60.172	N.D. #
7)	L1 AR-1016-5	6.935	0.000	37645692	0	80.485	N.D. #
8)	L2 AR-1221-1	5.305	4.467	6377941	-89674	29.049	N.D. #
9)	L2 AR-1221-2	5.457	4.621	50267232	695776	304.110	26.812 #
10)	L2 AR-1221-3	5.556	0.000	16291459	0	32.270	N.D. #
11)	L3 AR-1232-1	5.556	0.000	16291459	0	51.574	N.D. #
12)	L3 AR-1232-2	6.087	0.000	3212703	0	18.455	N.D. #
13)	L3 AR-1232-3	6.444	0.000	7955997	0	23.206	N.D. #
14)	L3 AR-1232-4	6.612	5.908	29153833	9547470	164.485	388.160 #
15)	L3 AR-1232-5	6.711	0.000	55624149	0	422.612	N.D. #
16)	L4 AR-1242-1	6.444	0.000	7955997	0	18.514	N.D. #
17)	L4 AR-1242-2	6.444	0.000	7955997	0	13.068	N.D. #
18)	L4 AR-1242-3	6.565	0.000	14876188	0	40.152	N.D. #
19)	L4 AR-1242-4	6.612	5.908	29153833	9547470	93.126	194.995 #
20)	L4 AR-1242-5	7.401	6.455	47884032	7515421	137.510	113.955
21)	L5 AR-1248-1	6.444	0.000	7955997	0	21.599	N.D. #
22)	L5 AR-1248-2	6.711	0.000	55624149	0	112.672	N.D. #
23)	L5 AR-1248-3	6.935	5.908	37645692	9547470	68.345	122.815 #
24)	L5 AR-1248-4	7.365	0.000	47538324	0	70.822	N.D. #
25)	L5 AR-1248-5	7.401	6.455	47884032	7515421	75.730	76.421
26)	L6 AR-1254-1	7.332	6.455	56270676	7515421	81.981	46.459 #
27)	L6 AR-1254-2	7.559	6.568	69228270	14207739	63.896	100.738 #
28)	L6 AR-1254-3	7.950	6.987	78524664	3759379	66.949	15.992 #
29)	L6 AR-1254-4	8.237	0.000	94565162	0	97.009	N.D. #
30)	L6 AR-1254-5	8.667	7.665	22775695	648194	23.075	3.025 #
31)	L7 AR-1260-1	8.106	7.133	33630203	913719	40.354	5.848 #
32)	L7 AR-1260-2	8.369	7.325	66896908	1348297	58.049	6.848 #
33)	L7 AR-1260-3	8.742	0.000	13323372	0	13.896	N.D. #
34)	L7 AR-1260-4	8.972	7.971	15179632	416187	16.063	2.706 #
35)	L7 AR-1260-5	9.309	0.000	5219730	0	2.309	N.D. #
36)	L8 AR-1262-1	8.742	7.665	13323372	648194	10.194	6.403 #
37)	L8 AR-1262-2	9.309	0.000	5219730	0	2.158	N.D. #
38)	L8 AR-1262-3	9.632	8.505	6528658	912303	4.036	6.072 #
39)	L8 AR-1262-4	9.727	0.000	5004018	0	4.006	N.D. #
41)	L9 AR-1268-1	9.632	8.505	6528658	912303	2.002	1.889
42)	L9 AR-1268-2	9.727	8.505	5004018	912303	1.732	2.044

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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
44) L9	AR-1268-4	10.350	0.000	27905830	0	26.979	N.D. #
45) L9	AR-1268-5	10.834	9.361	19616003	2430782	2.693	2.155

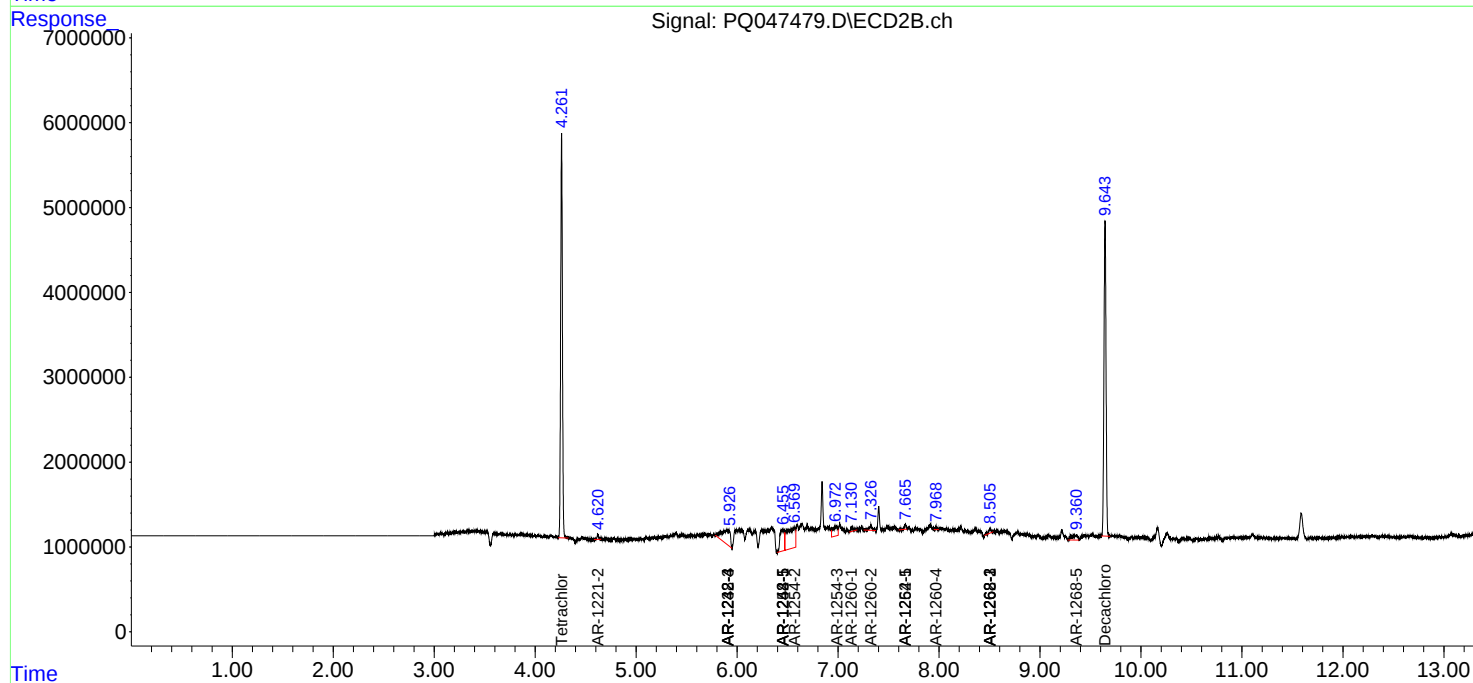
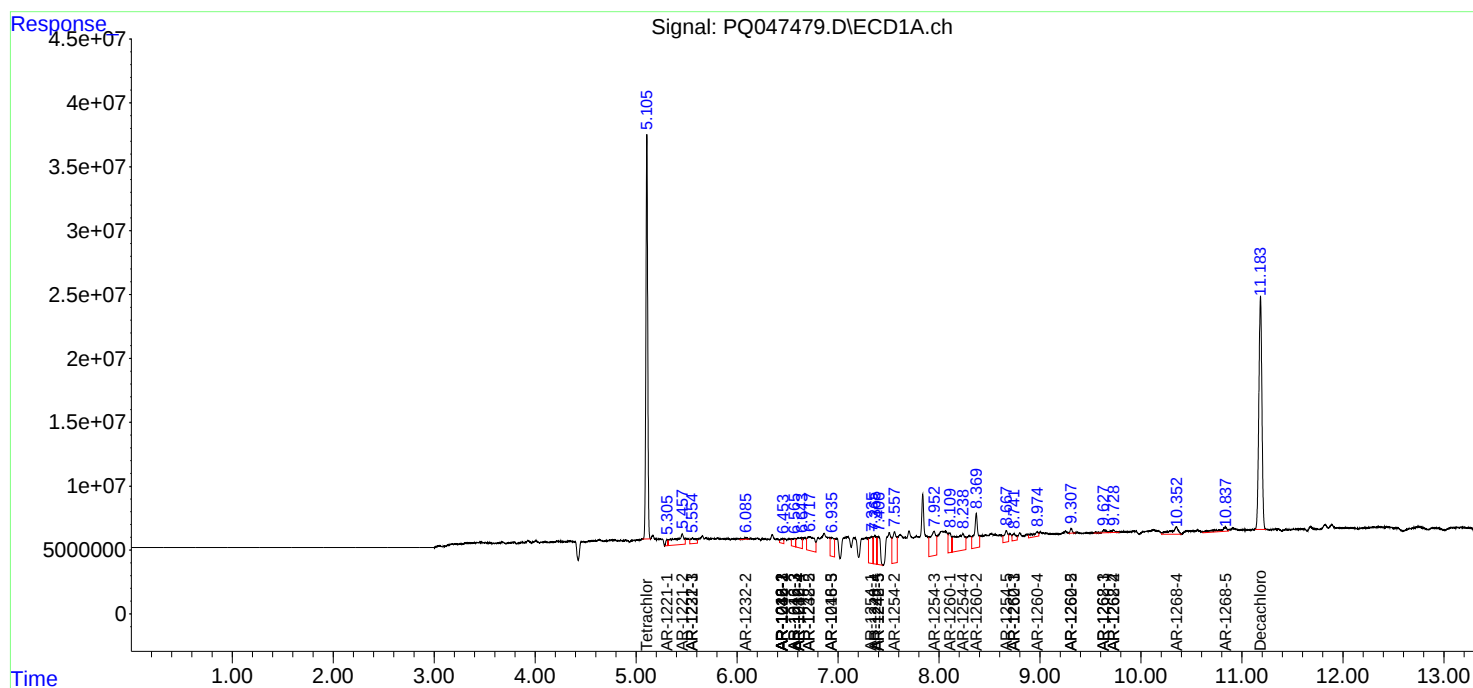
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

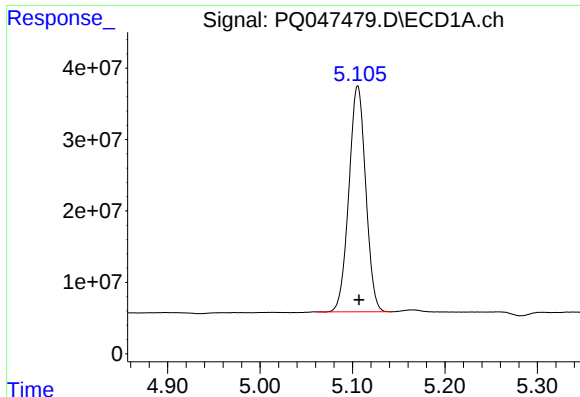
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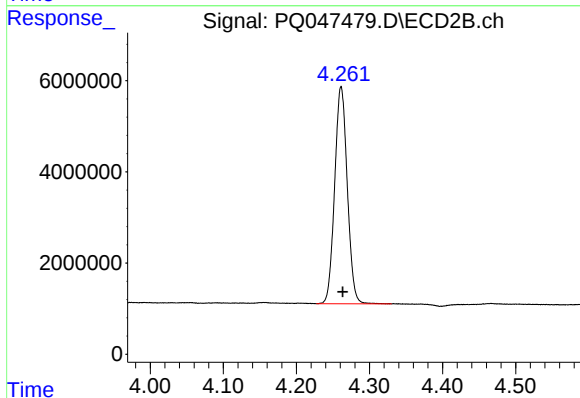




#1 Tetrachloro-m-xylene

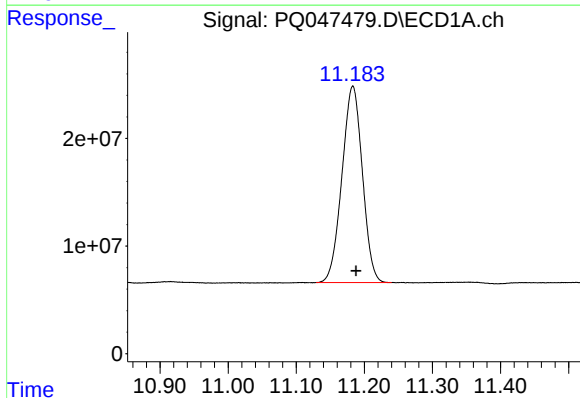
R.T.: 5.106 min
Delta R.T.: -0.001 min
Response: 400303848
Conc: 21.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



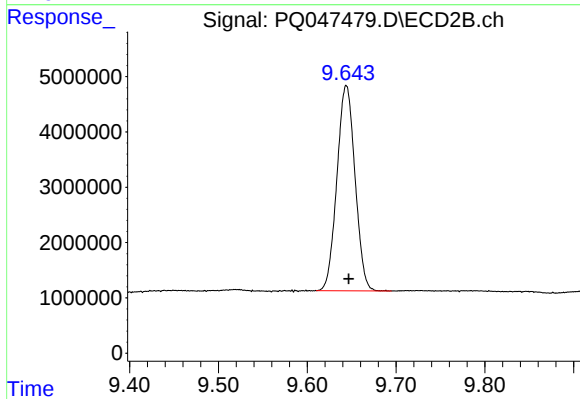
#1 Tetrachloro-m-xylene

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 57104267
Conc: 19.19 ng/ml



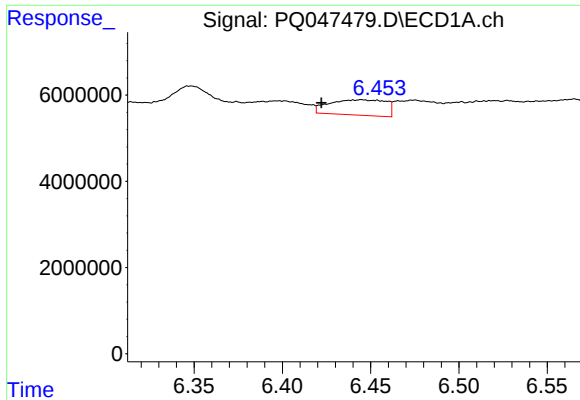
#2 Decachlorobiphenyl

R.T.: 11.183 min
Delta R.T.: -0.005 min
Response: 380109912
Conc: 17.81 ng/ml



#2 Decachlorobiphenyl

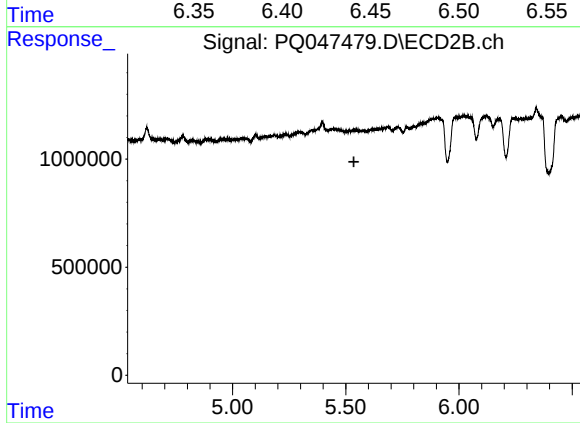
R.T.: 9.644 min
Delta R.T.: -0.003 min
Response: 52556616
Conc: 16.81 ng/ml



#3 AR-1016-1

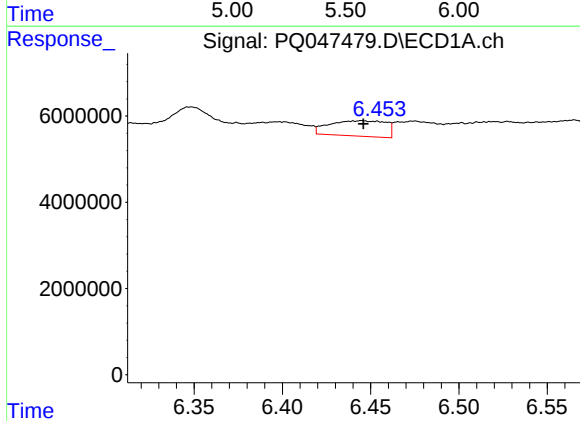
R.T.: 6.444 min
Delta R.T.: 0.022 min
Response: 7955997
Conc: 11.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



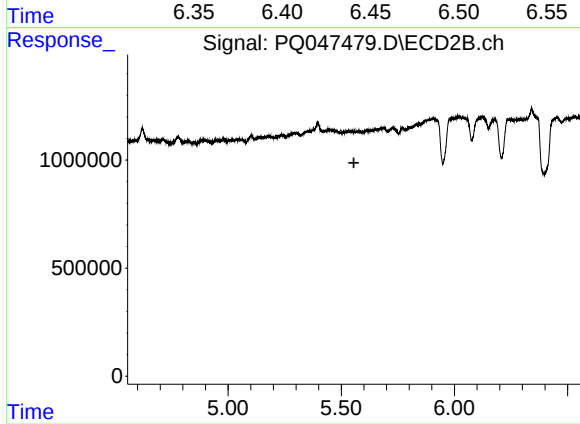
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.536 min
Response: 0
Conc: N.D.



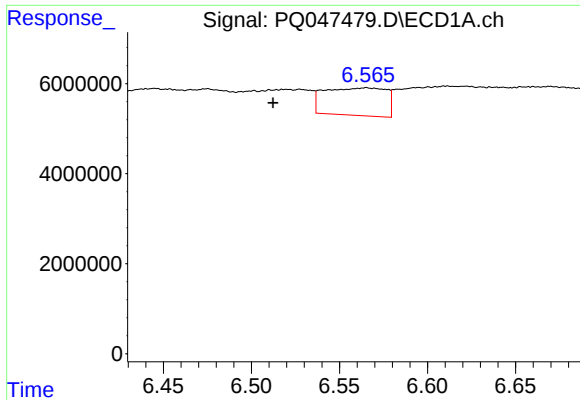
#4 AR-1016-2

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 7955997
Conc: 8.33 ng/ml



#4 AR-1016-2

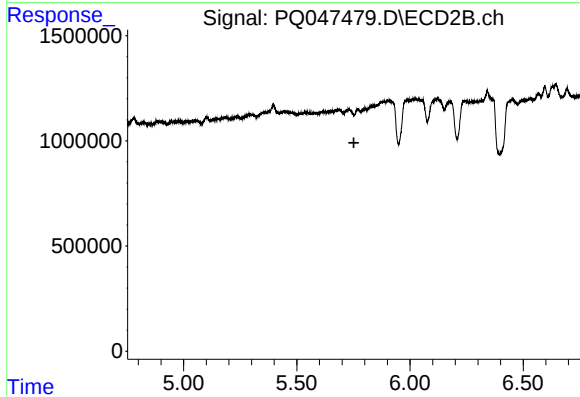
R.T.: 0.000 min
Exp R.T. : 5.556 min
Response: 0
Conc: N.D.



#5 AR-1016-3

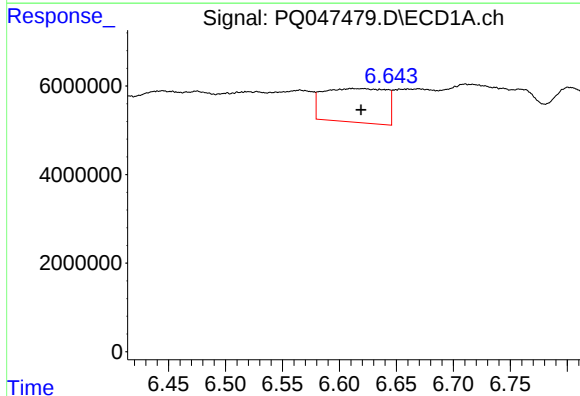
R.T.: 6.565 min
Delta R.T.: 0.053 min
Response: 14876188
Conc: 25.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



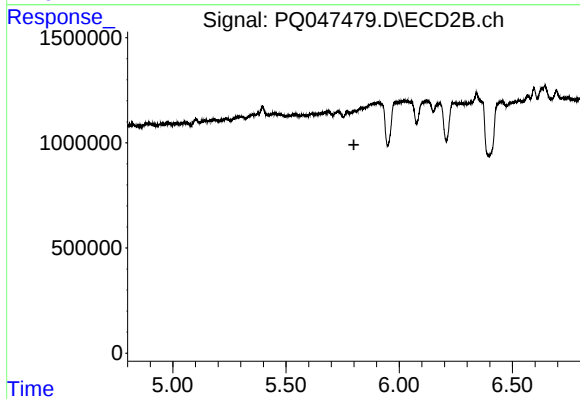
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.752 min
Response: 0
Conc: N.D.



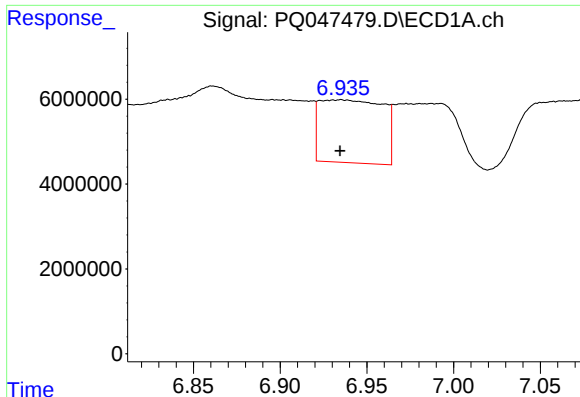
#6 AR-1016-4

R.T.: 6.612 min
Delta R.T.: -0.007 min
Response: 29153833
Conc: 60.17 ng/ml



#6 AR-1016-4

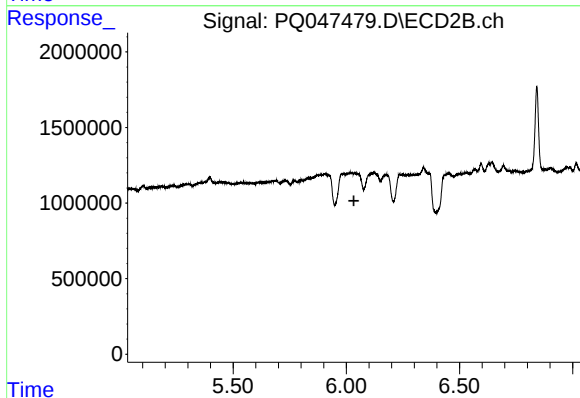
R.T.: 0.000 min
Exp R.T. : 5.800 min
Response: 0
Conc: N.D.



#7 AR-1016-5

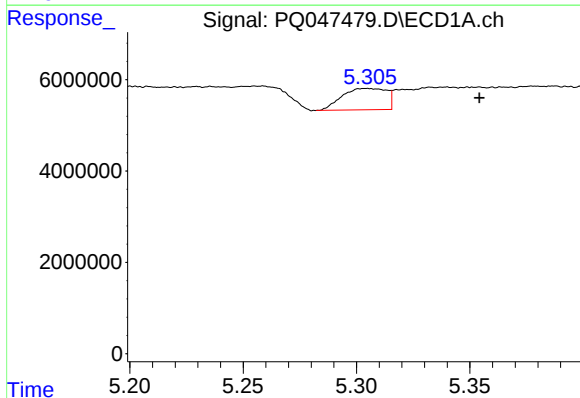
R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 37645692
Conc: 80.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



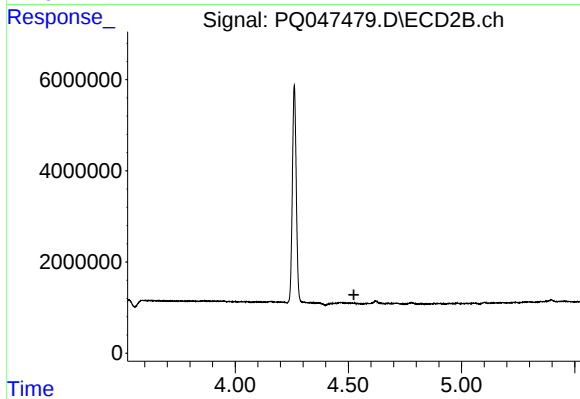
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.033 min
Response: 0
Conc: N.D.



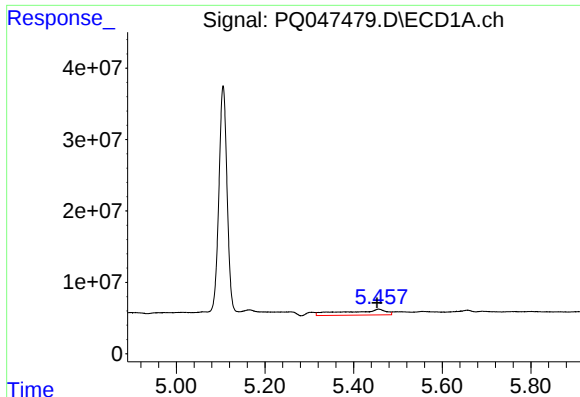
#8 AR-1221-1

R.T.: 5.305 min
Delta R.T.: -0.049 min
Response: 6377941
Conc: 29.05 ng/ml



#8 AR-1221-1

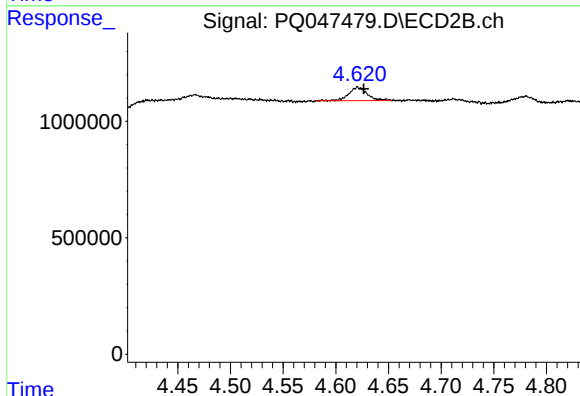
R.T.: 4.467 min
Delta R.T.: -0.058 min
Response: -89674
Conc: N.D.



#9 AR-1221-2

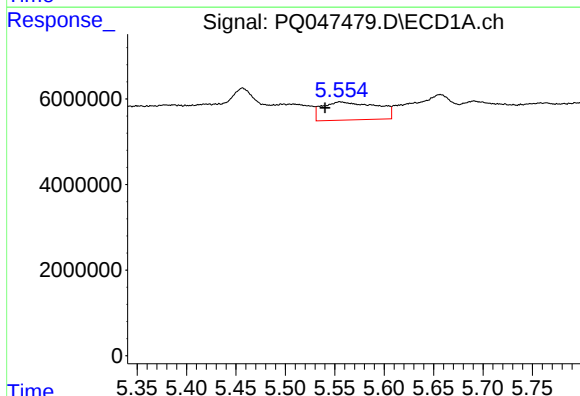
R.T.: 5.457 min
Delta R.T.: 0.003 min
Response: 50267232
Conc: 304.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



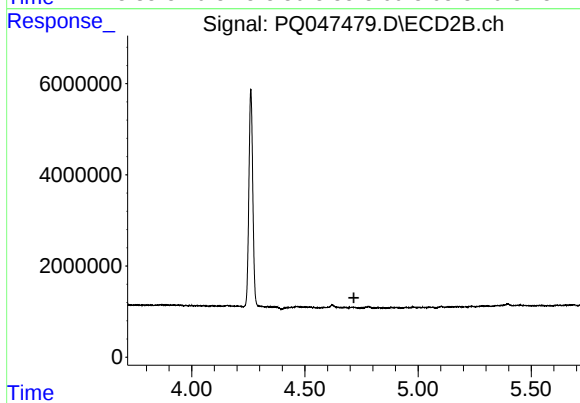
#9 AR-1221-2

R.T.: 4.621 min
Delta R.T.: -0.005 min
Response: 695776
Conc: 26.81 ng/ml



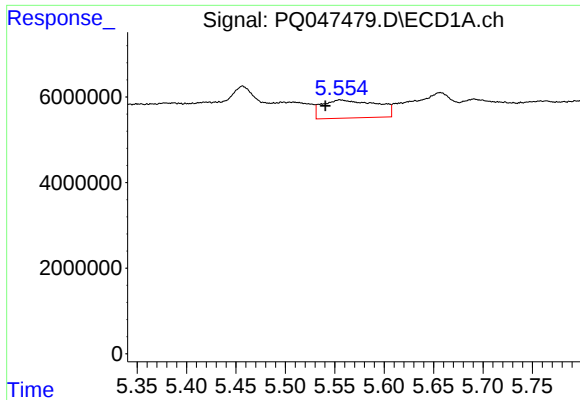
#10 AR-1221-3

R.T.: 5.556 min
Delta R.T.: 0.016 min
Response: 16291459
Conc: 32.27 ng/ml



#10 AR-1221-3

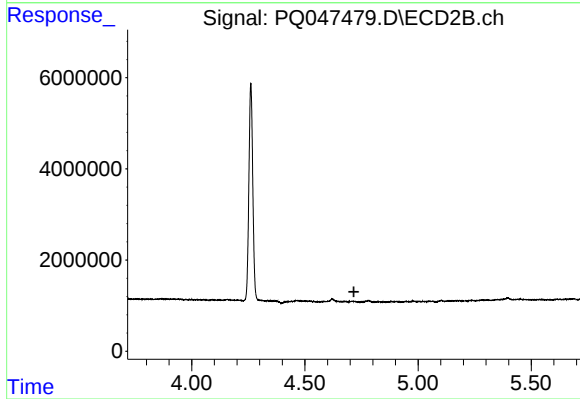
R.T.: 0.000 min
Exp R.T.: 4.716 min
Response: 0
Conc: N.D.



#11 AR-1232-1

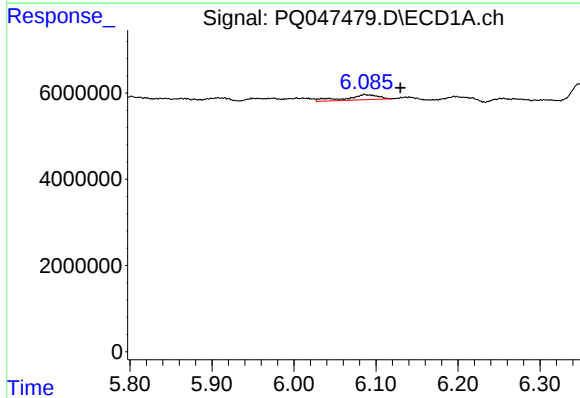
R.T.: 5.556 min
Delta R.T.: 0.015 min
Response: 16291459
Conc: 51.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



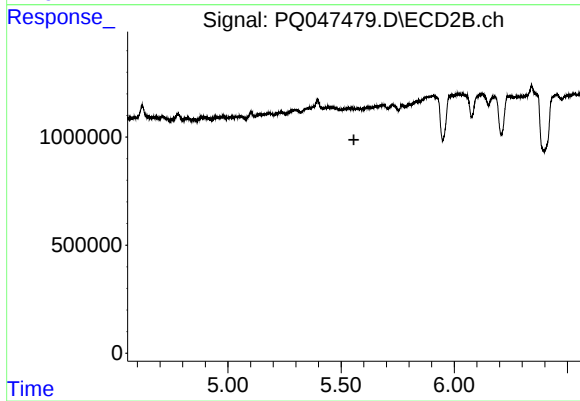
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.716 min
Response: 0
Conc: N.D.



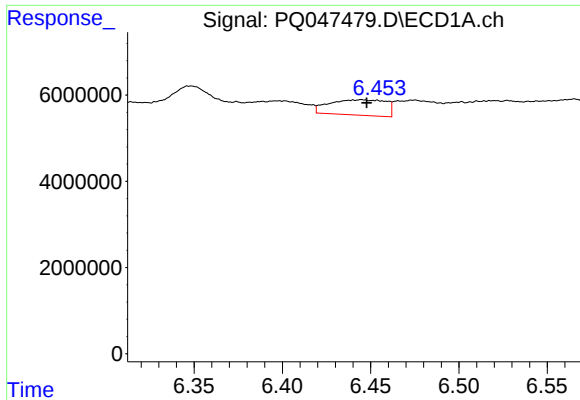
#12 AR-1232-2

R.T.: 6.087 min
Delta R.T.: -0.043 min
Response: 3212703
Conc: 18.45 ng/ml



#12 AR-1232-2

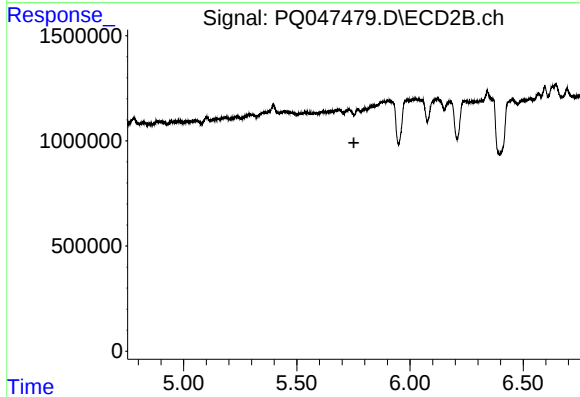
R.T.: 0.000 min
Exp R.T. : 5.556 min
Response: 0
Conc: N.D.



#13 AR-1232-3

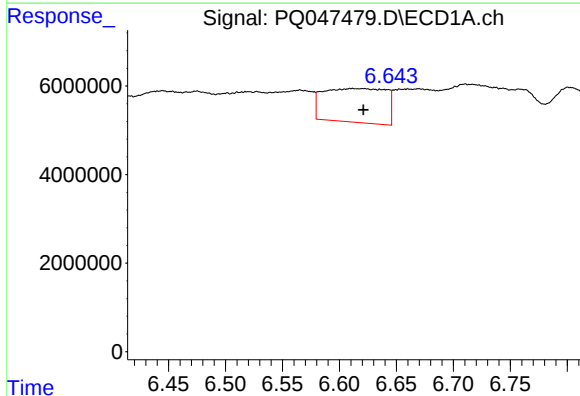
R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 7955997
Conc: 23.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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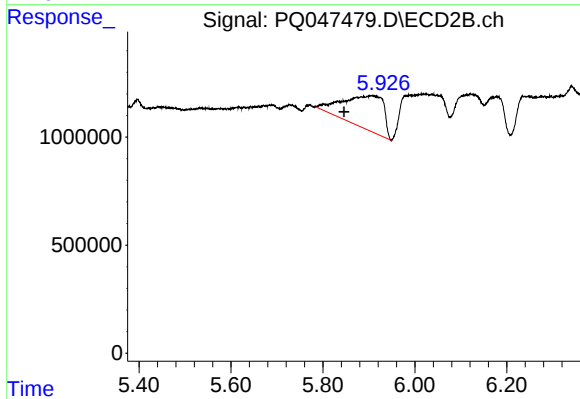
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.752 min
Response: 0
Conc: N.D.



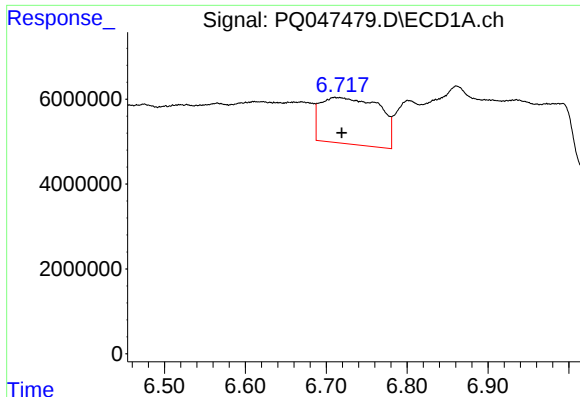
#14 AR-1232-4

R.T.: 6.612 min
Delta R.T.: -0.009 min
Response: 29153833
Conc: 164.48 ng/ml



#14 AR-1232-4

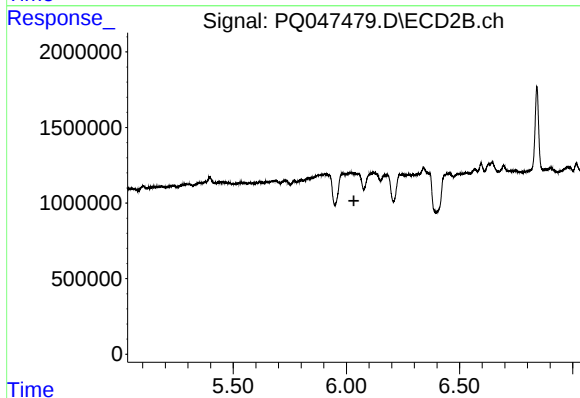
R.T.: 5.908 min
Delta R.T.: 0.063 min
Response: 9547470
Conc: 388.16 ng/ml



#15 AR-1232-5

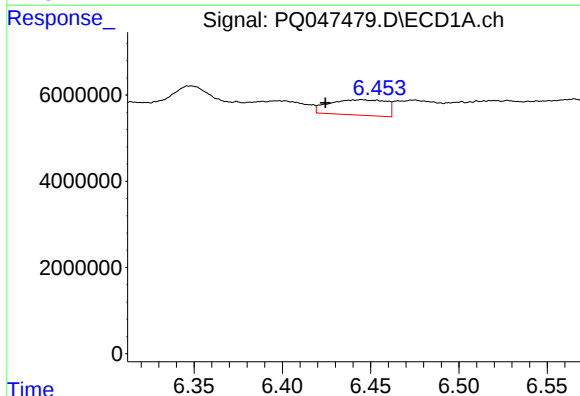
R.T.: 6.711 min
Delta R.T.: -0.008 min
Response: 55624149
Conc: 422.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



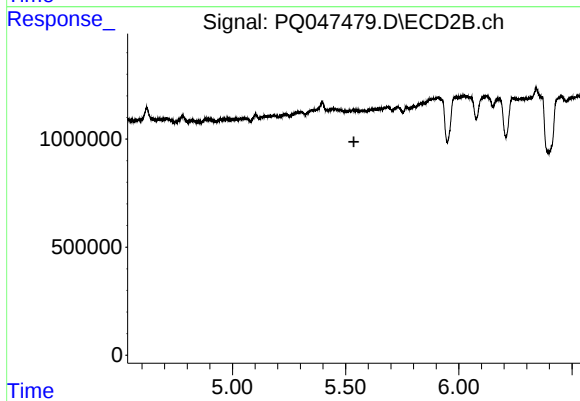
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.033 min
Response: 0
Conc: N.D.



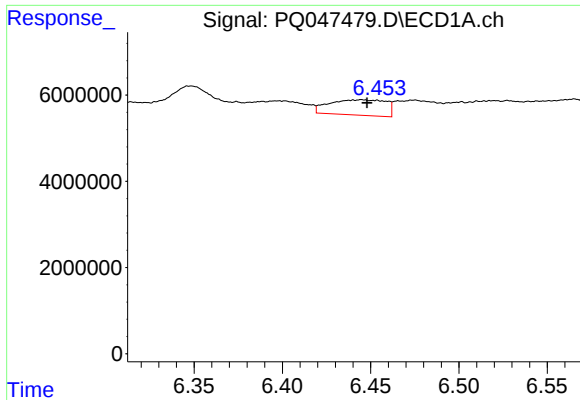
#16 AR-1242-1

R.T.: 6.444 min
Delta R.T.: 0.020 min
Response: 7955997
Conc: 18.51 ng/ml



#16 AR-1242-1

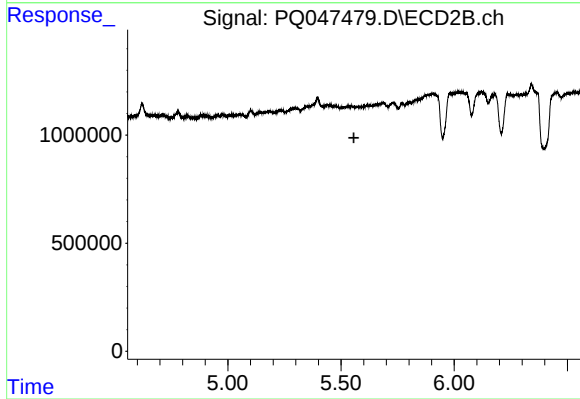
R.T.: 0.000 min
Exp R.T. : 5.537 min
Response: 0
Conc: N.D.



#17 AR-1242-2

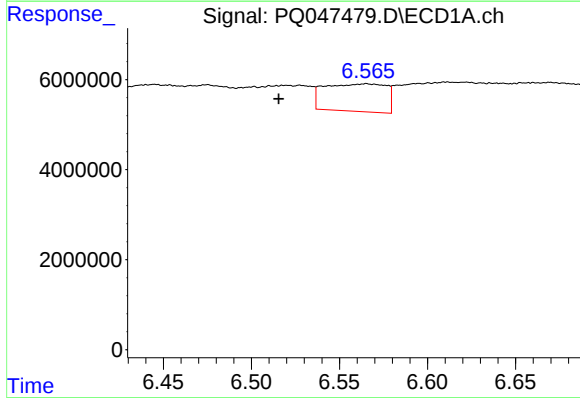
R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 7955997
Conc: 13.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



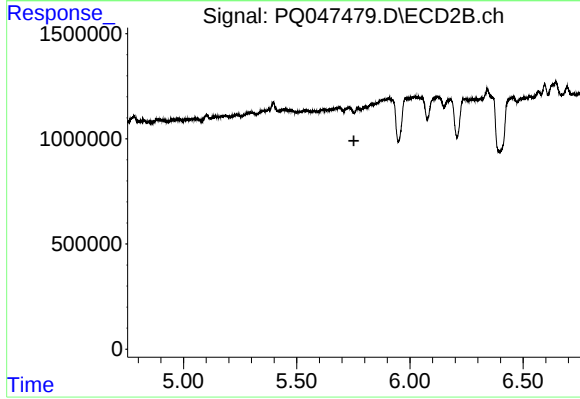
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.557 min
Response: 0
Conc: N.D.



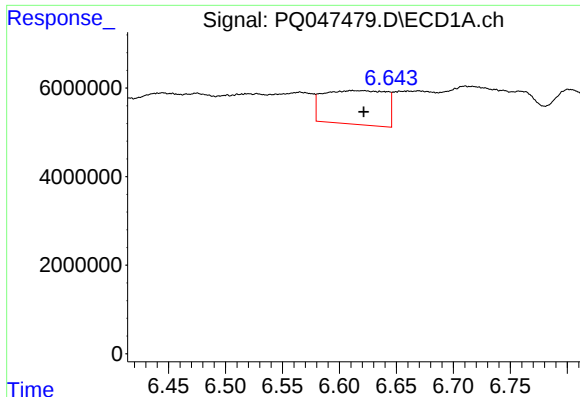
#18 AR-1242-3

R.T.: 6.565 min
Delta R.T.: 0.050 min
Response: 14876188
Conc: 40.15 ng/ml



#18 AR-1242-3

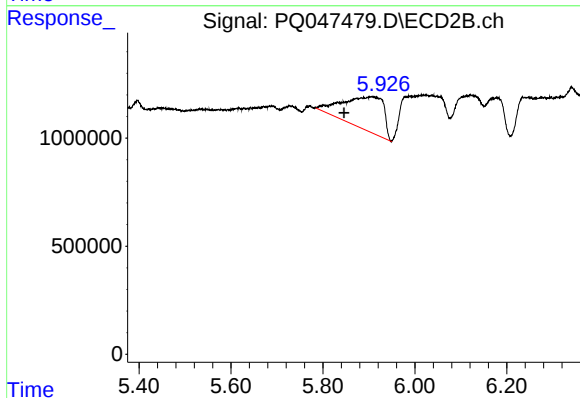
R.T.: 0.000 min
Exp R.T. : 5.753 min
Response: 0
Conc: N.D.



#19 AR-1242-4

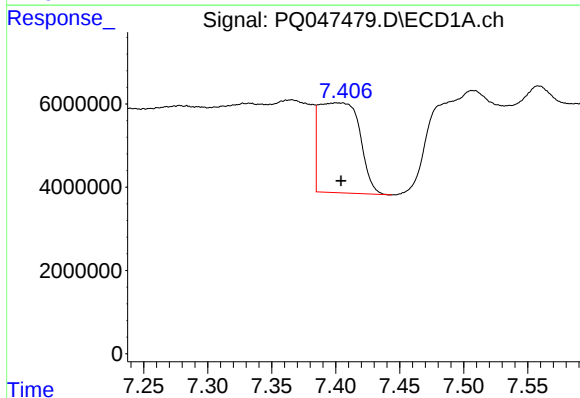
R.T.: 6.612 min
Delta R.T.: -0.009 min
Response: 29153833
Conc: 93.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



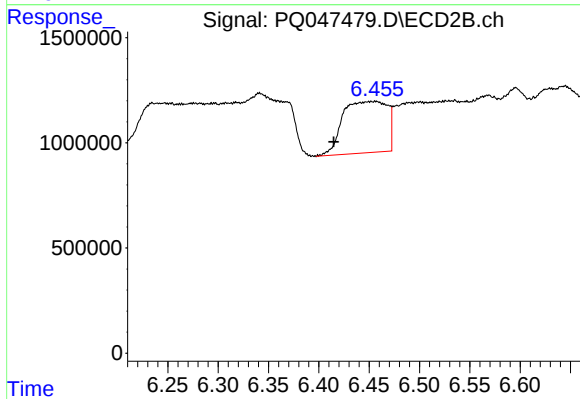
#19 AR-1242-4

R.T.: 5.908 min
Delta R.T.: 0.062 min
Response: 9547470
Conc: 195.00 ng/ml



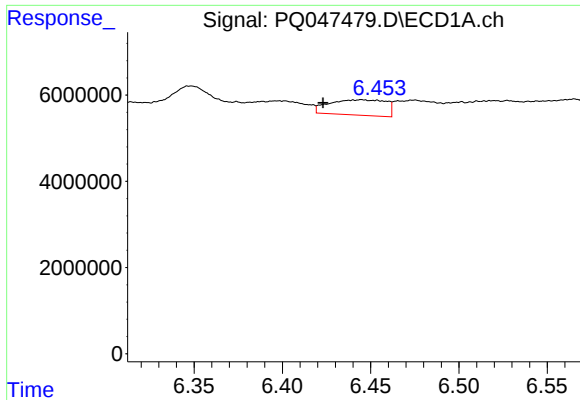
#20 AR-1242-5

R.T.: 7.401 min
Delta R.T.: -0.003 min
Response: 47884032
Conc: 137.51 ng/ml



#20 AR-1242-5

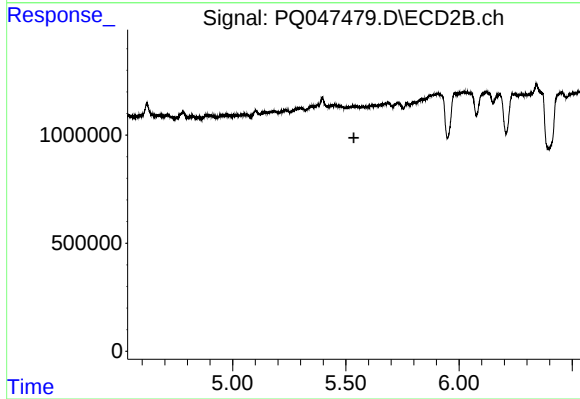
R.T.: 6.455 min
Delta R.T.: 0.040 min
Response: 7515421
Conc: 113.95 ng/ml



#21 AR-1248-1

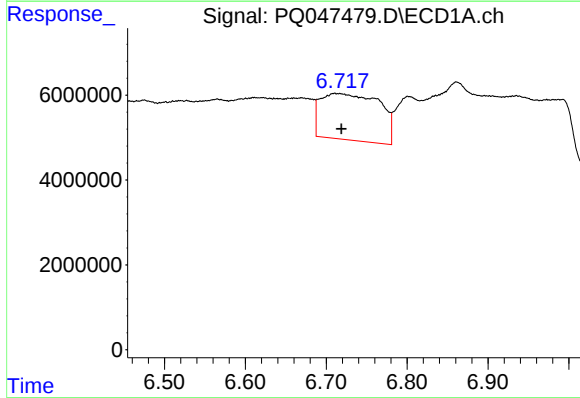
R.T.: 6.444 min
Delta R.T.: 0.021 min
Response: 7955997
Conc: 21.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



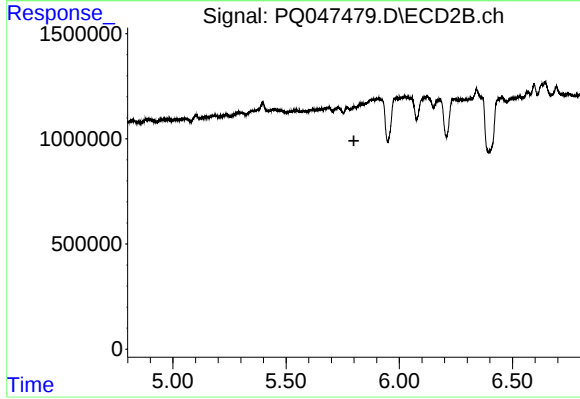
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.535 min
Response: 0
Conc: N.D.



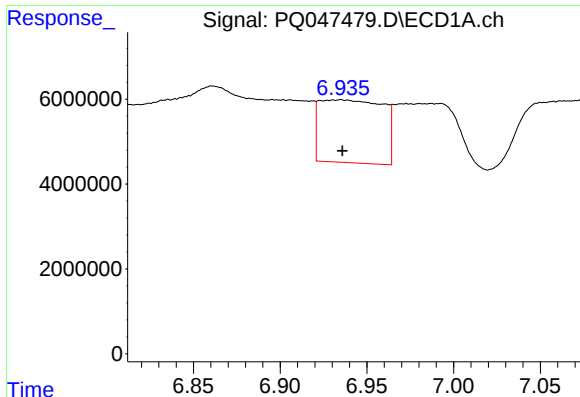
#22 AR-1248-2

R.T.: 6.711 min
Delta R.T.: -0.007 min
Response: 55624149
Conc: 112.67 ng/ml



#22 AR-1248-2

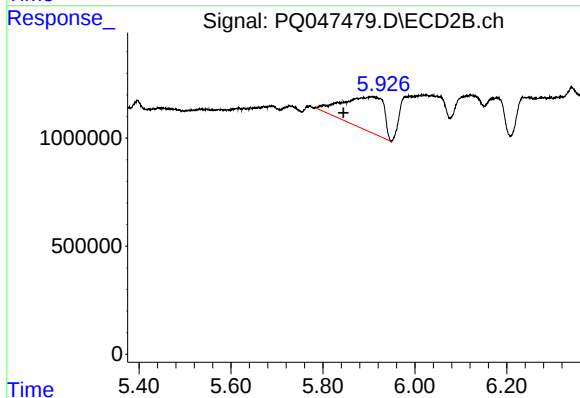
R.T.: 0.000 min
Exp R.T.: 5.800 min
Response: 0
Conc: N.D.



#23 AR-1248-3

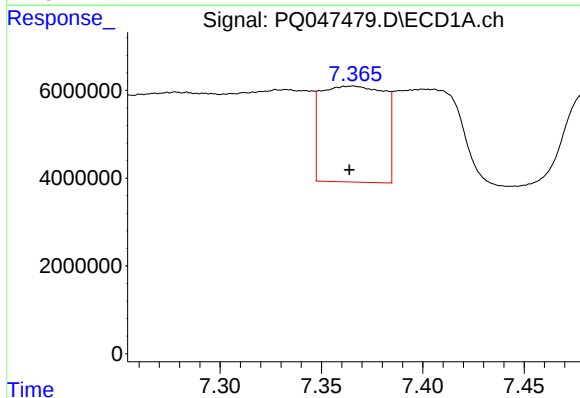
R.T.: 6.935 min
Delta R.T.: -0.001 min
Response: 37645692
Conc: 68.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



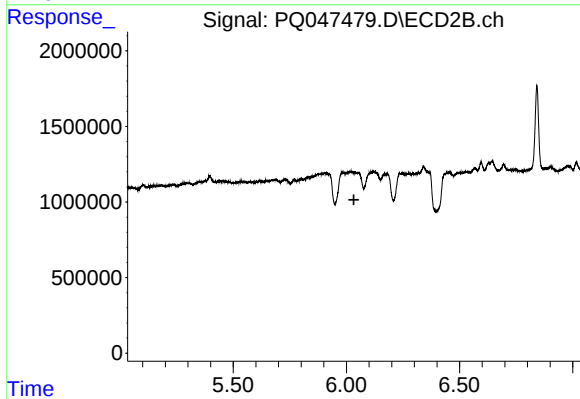
#23 AR-1248-3

R.T.: 5.908 min
Delta R.T.: 0.064 min
Response: 9547470
Conc: 122.82 ng/ml



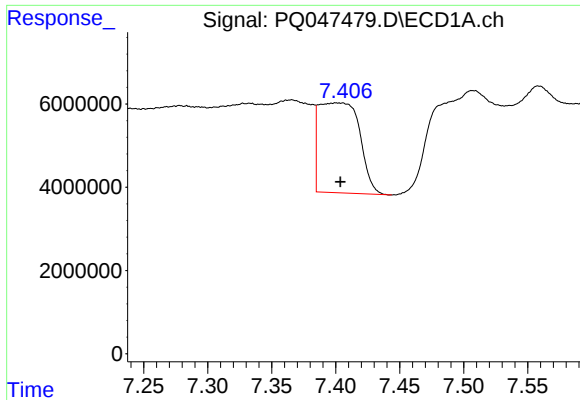
#24 AR-1248-4

R.T.: 7.365 min
Delta R.T.: 0.001 min
Response: 47538324
Conc: 70.82 ng/ml



#24 AR-1248-4

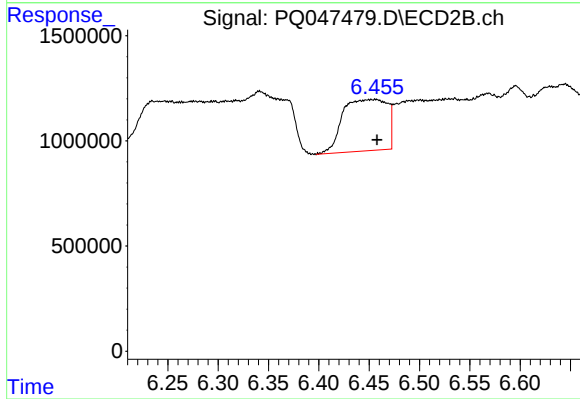
R.T.: 0.000 min
Exp R.T.: 6.033 min
Response: 0
Conc: N.D.



#25 AR-1248-5

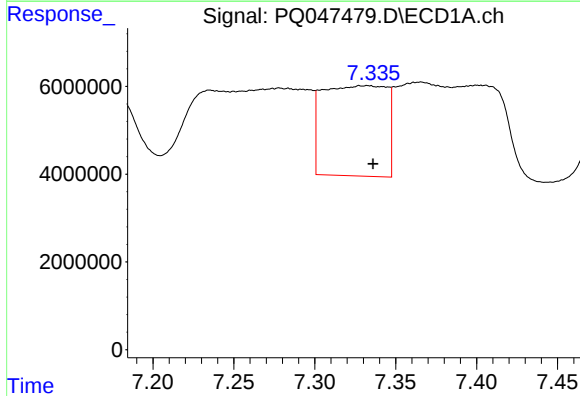
R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 47884032
Conc: 75.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



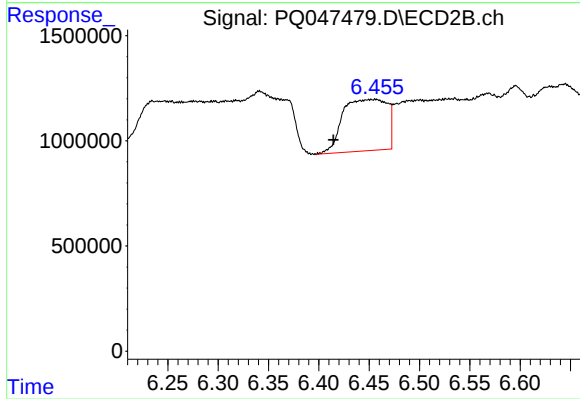
#25 AR-1248-5

R.T.: 6.455 min
Delta R.T.: -0.003 min
Response: 7515421
Conc: 76.42 ng/ml



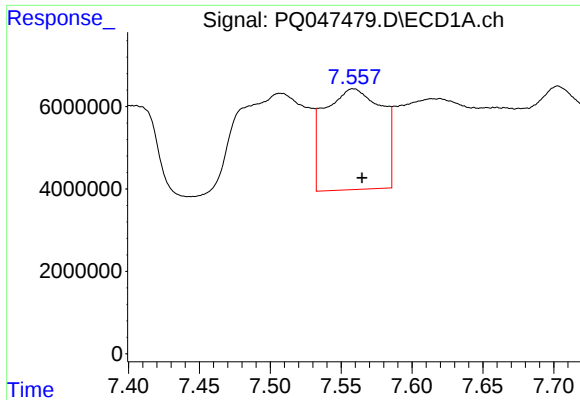
#26 AR-1254-1

R.T.: 7.332 min
Delta R.T.: -0.004 min
Response: 56270676
Conc: 81.98 ng/ml



#26 AR-1254-1

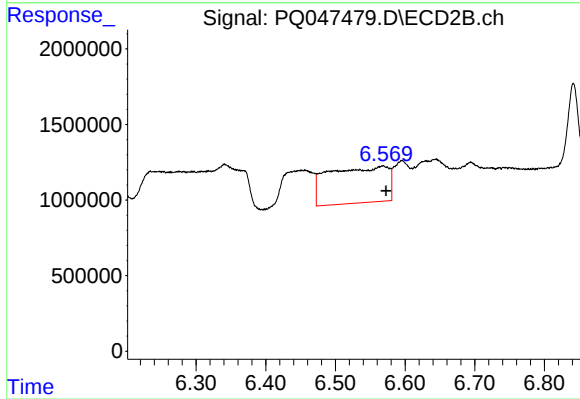
R.T.: 6.455 min
Delta R.T.: 0.040 min
Response: 7515421
Conc: 46.46 ng/ml



#27 AR-1254-2

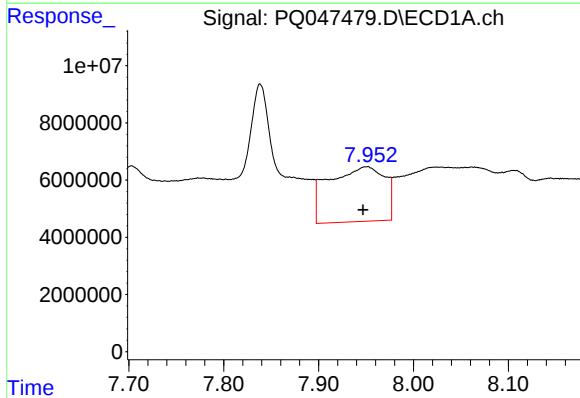
R.T.: 7.559 min
Delta R.T.: -0.006 min
Response: 69228270
Conc: 63.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



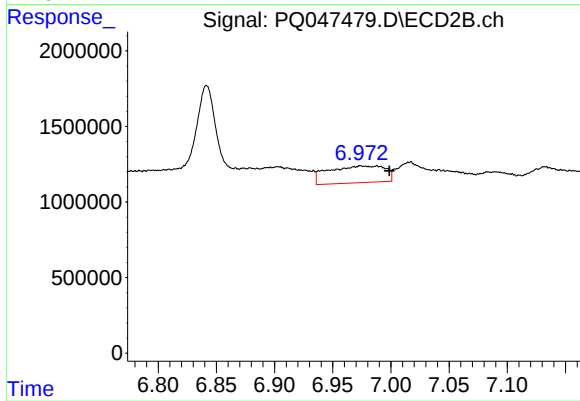
#27 AR-1254-2

R.T.: 6.568 min
Delta R.T.: -0.005 min
Response: 14207739
Conc: 100.74 ng/ml



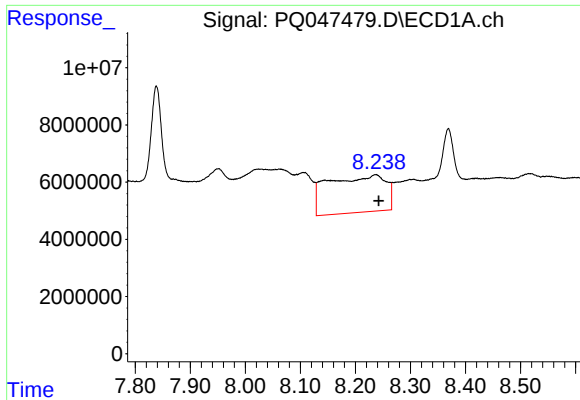
#28 AR-1254-3

R.T.: 7.950 min
Delta R.T.: 0.004 min
Response: 78524664
Conc: 66.95 ng/ml



#28 AR-1254-3

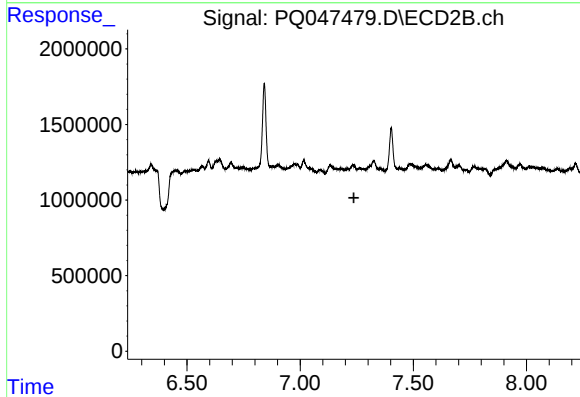
R.T.: 6.987 min
Delta R.T.: -0.011 min
Response: 3759379
Conc: 15.99 ng/ml



#29 AR-1254-4

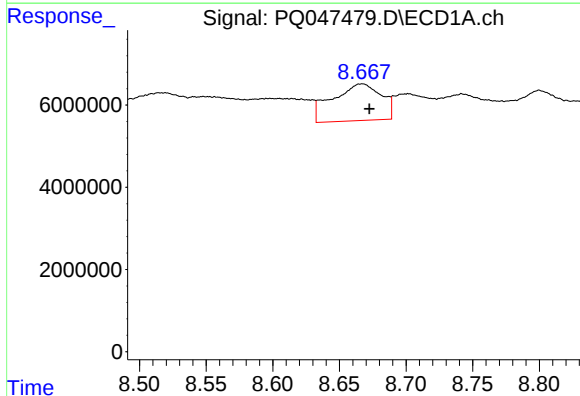
R.T.: 8.237 min
Delta R.T.: -0.006 min
Response: 94565162
Conc: 97.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



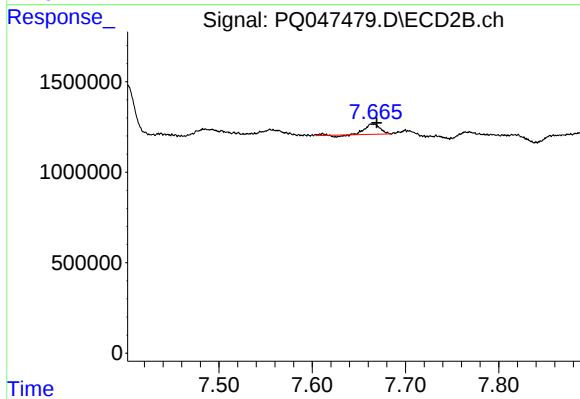
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 7.238 min
Response: 0
Conc: N.D.



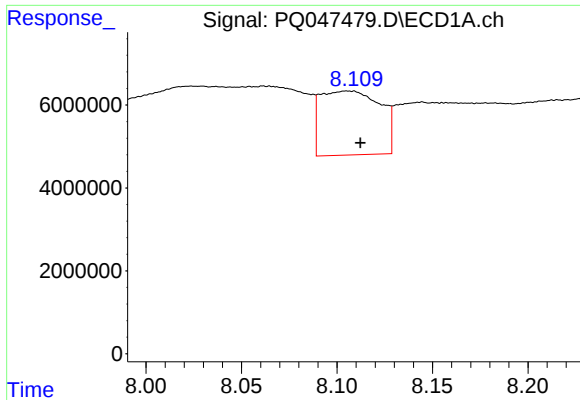
#30 AR-1254-5

R.T.: 8.667 min
Delta R.T.: -0.006 min
Response: 22775695
Conc: 23.08 ng/ml



#30 AR-1254-5

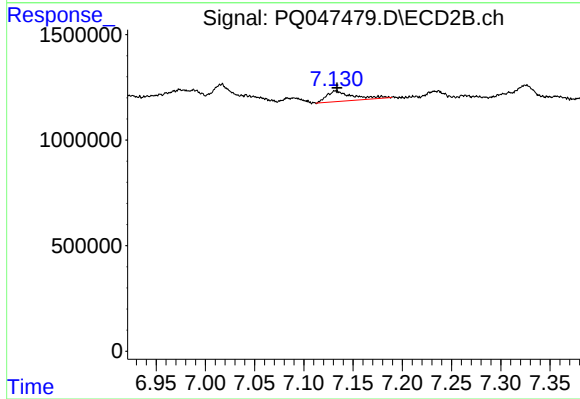
R.T.: 7.665 min
Delta R.T.: -0.004 min
Response: 648194
Conc: 3.03 ng/ml



#31 AR-1260-1

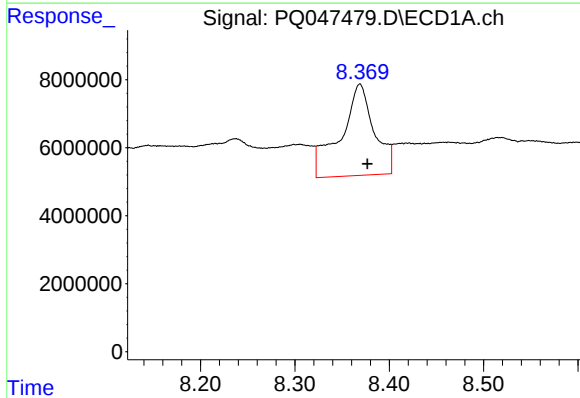
R.T.: 8.106 min
Delta R.T.: -0.007 min
Response: 33630203
Conc: 40.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



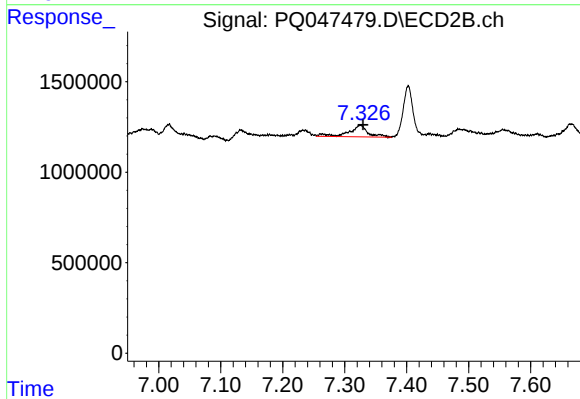
#31 AR-1260-1

R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 913719
Conc: 5.85 ng/ml



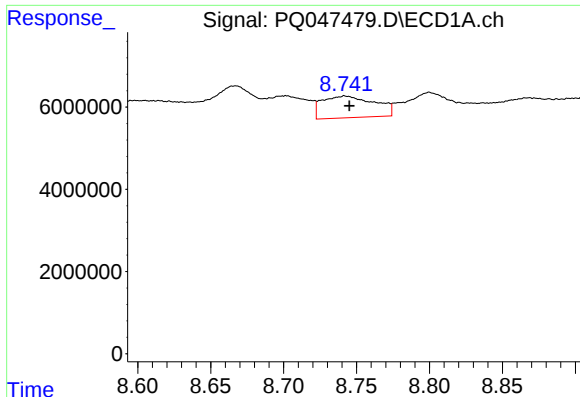
#32 AR-1260-2

R.T.: 8.369 min
Delta R.T.: -0.008 min
Response: 66896908
Conc: 58.05 ng/ml



#32 AR-1260-2

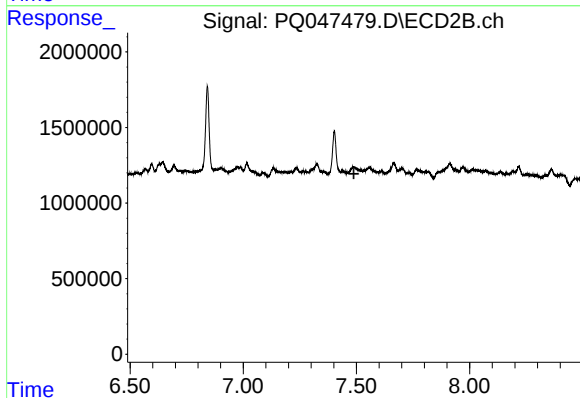
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 1348297
Conc: 6.85 ng/ml



#33 AR-1260-3

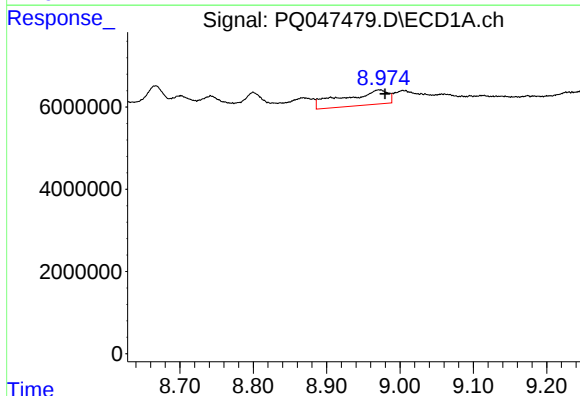
R.T.: 8.742 min
Delta R.T.: -0.003 min
Response: 13323372
Conc: 13.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



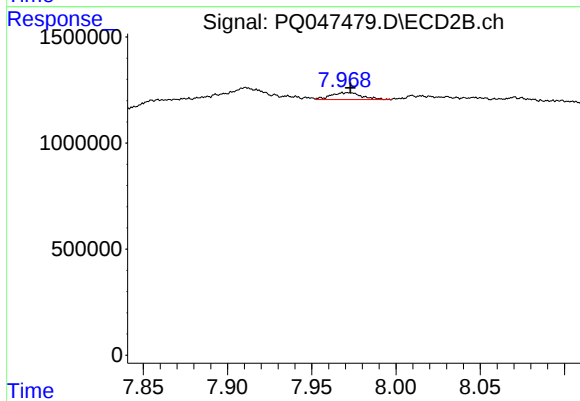
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.489 min
Response: 0
Conc: N.D.



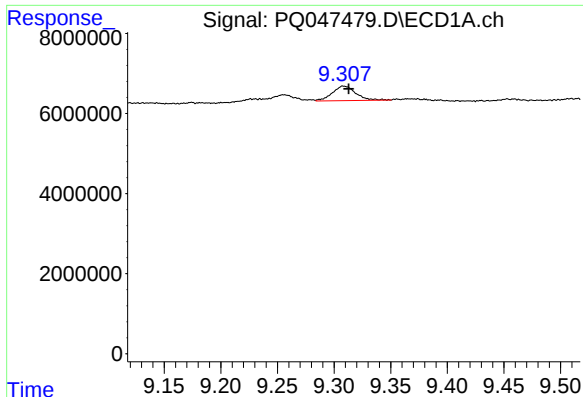
#34 AR-1260-4

R.T.: 8.972 min
Delta R.T.: -0.008 min
Response: 15179632
Conc: 16.06 ng/ml



#34 AR-1260-4

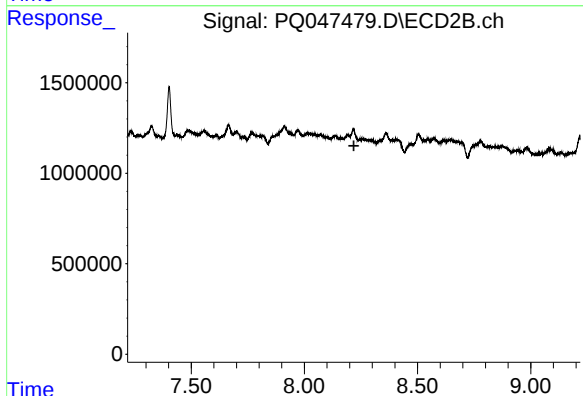
R.T.: 7.971 min
Delta R.T.: -0.002 min
Response: 416187
Conc: 2.71 ng/ml



#35 AR-1260-5

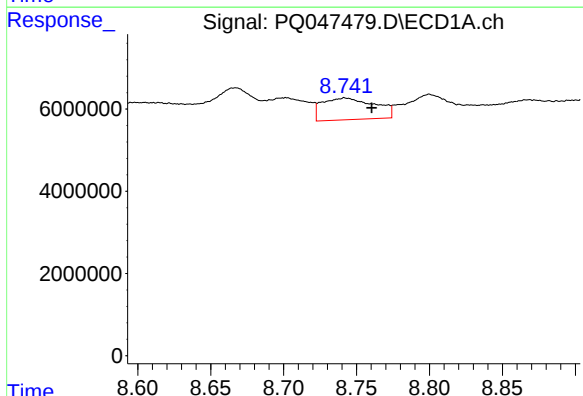
R.T.: 9.309 min
Delta R.T.: -0.004 min
Response: 5219730
Conc: 2.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



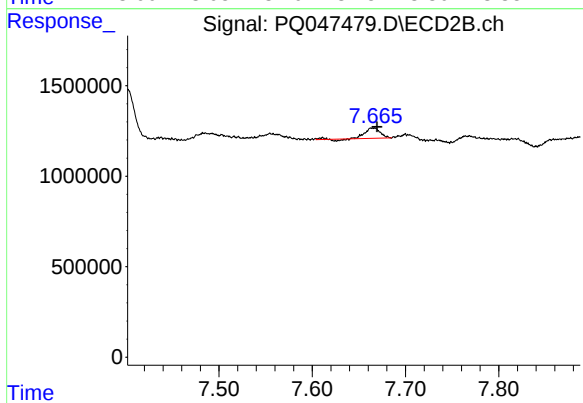
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.219 min
Response: 0
Conc: N.D.



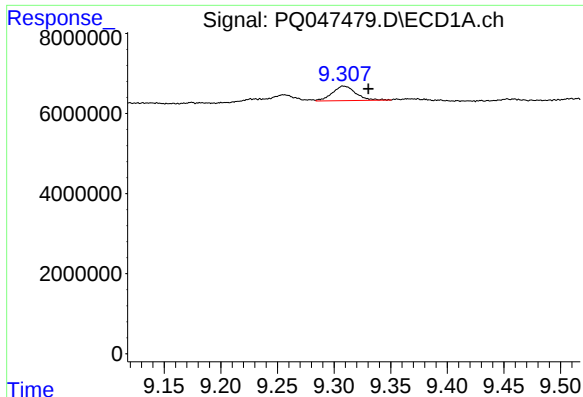
#36 AR-1262-1

R.T.: 8.742 min
Delta R.T.: -0.018 min
Response: 13323372
Conc: 10.19 ng/ml



#36 AR-1262-1

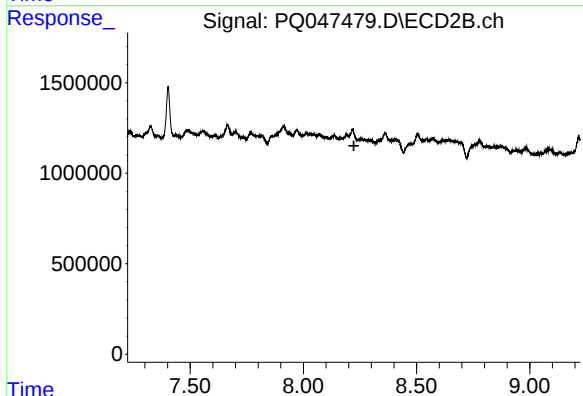
R.T.: 7.665 min
Delta R.T.: -0.004 min
Response: 648194
Conc: 6.40 ng/ml



#37 AR-1262-2

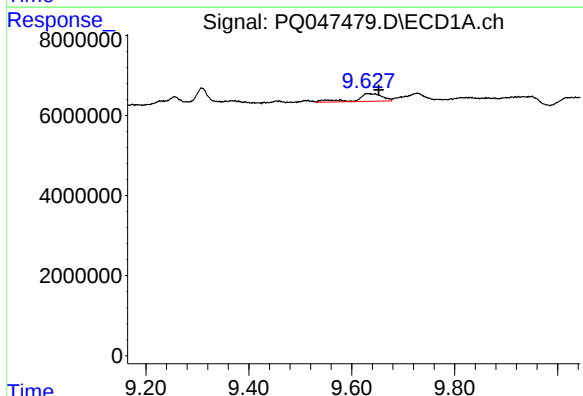
R.T.: 9.309 min
Delta R.T.: -0.021 min
Response: 5219730
Conc: 2.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



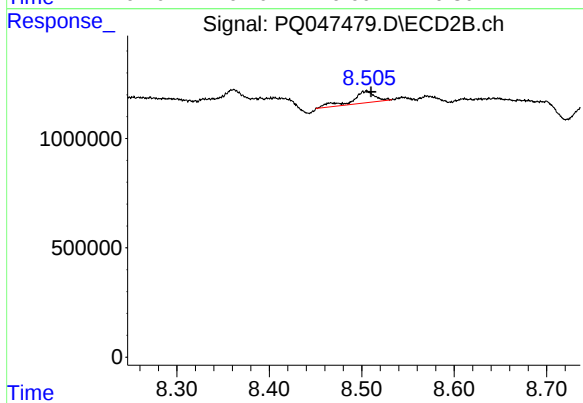
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.223 min
Response: 0
Conc: N.D.



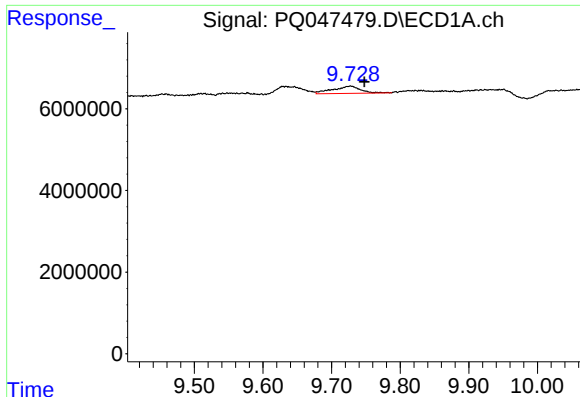
#38 AR-1262-3

R.T.: 9.632 min
Delta R.T.: -0.021 min
Response: 6528658
Conc: 4.04 ng/ml



#38 AR-1262-3

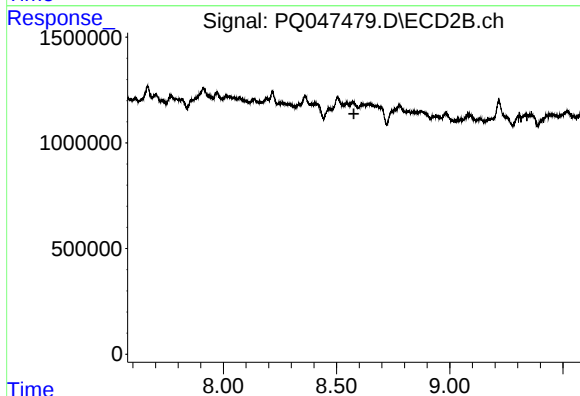
R.T.: 8.505 min
Delta R.T.: -0.005 min
Response: 912303
Conc: 6.07 ng/ml



#39 AR-1262-4

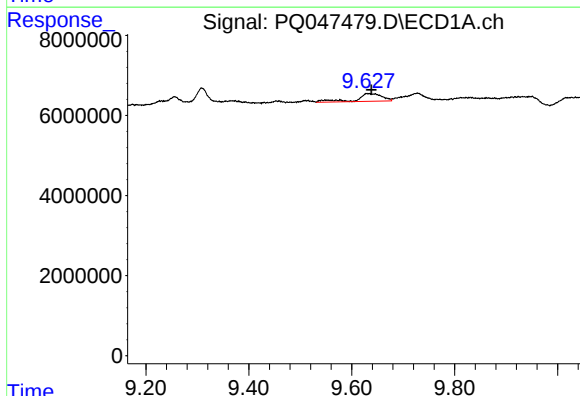
R.T.: 9.727 min
Delta R.T.: -0.021 min
Response: 5004018
Conc: 4.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



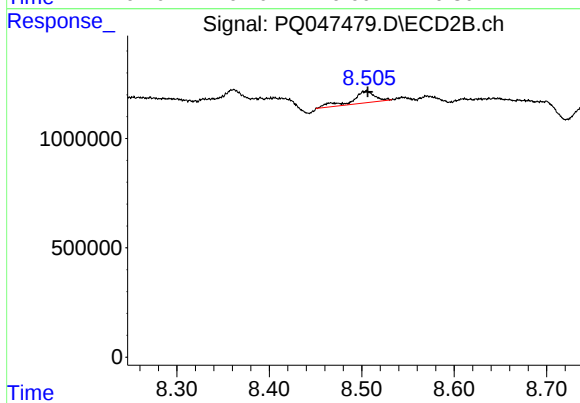
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.577 min
Response: 0
Conc: N.D.



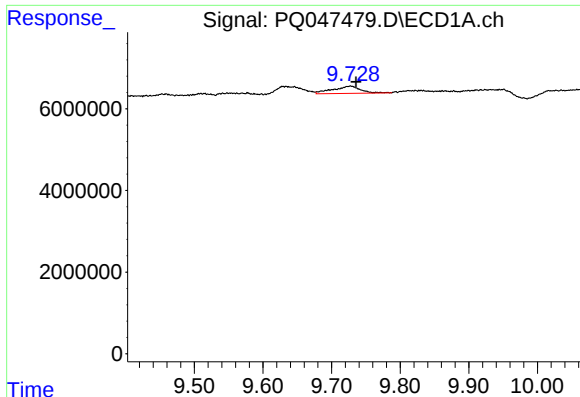
#41 AR-1268-1

R.T.: 9.632 min
Delta R.T.: -0.007 min
Response: 6528658
Conc: 2.00 ng/ml



#41 AR-1268-1

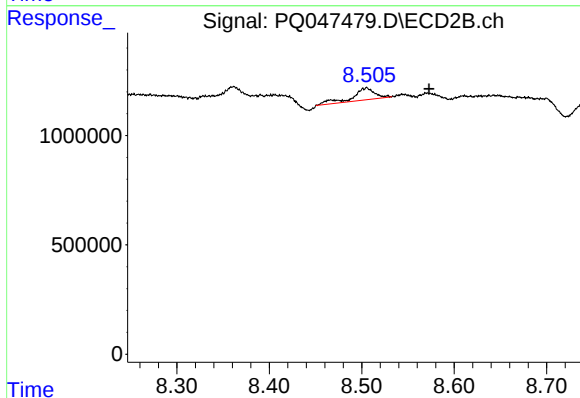
R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 912303
Conc: 1.89 ng/ml



#42 AR-1268-2

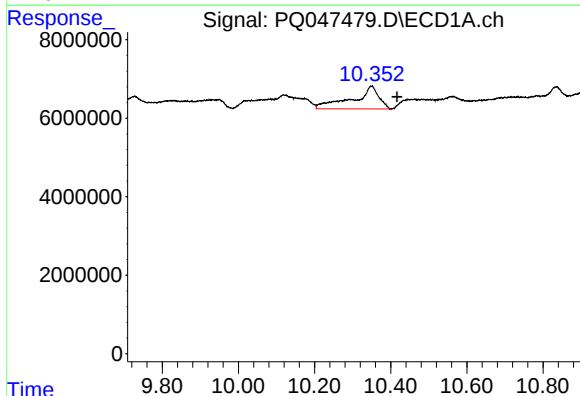
R.T.: 9.727 min
Delta R.T.: -0.009 min
Response: 5004018
Conc: 1.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



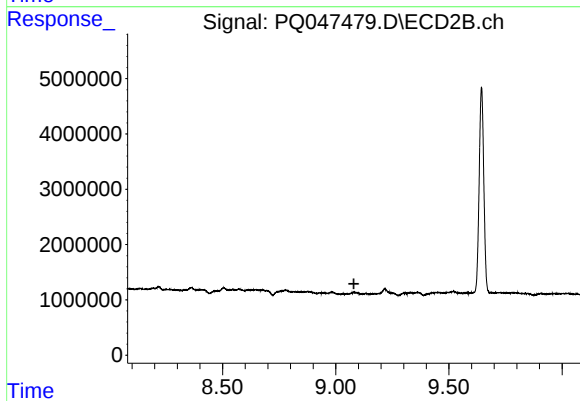
#42 AR-1268-2

R.T.: 8.505 min
Delta R.T.: -0.068 min
Response: 912303
Conc: 2.04 ng/ml



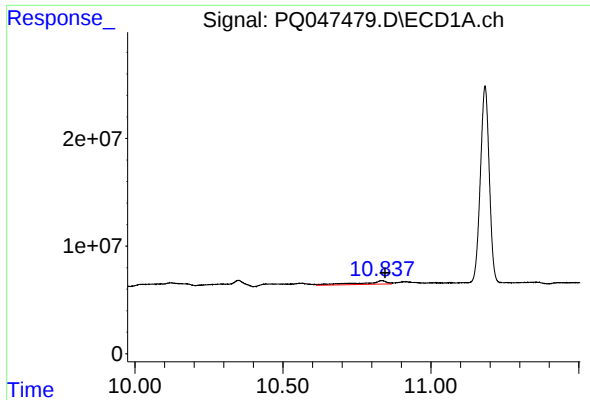
#44 AR-1268-4

R.T.: 10.350 min
Delta R.T.: -0.067 min
Response: 27905830
Conc: 26.98 ng/ml



#44 AR-1268-4

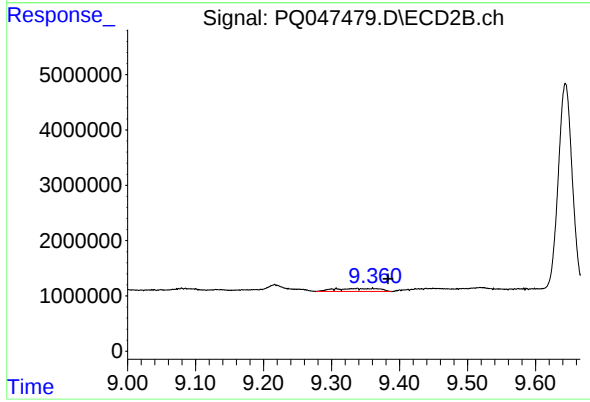
R.T.: 0.000 min
Exp R.T.: 9.080 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.834 min
Delta R.T.: -0.011 min
Response: 19616003
Conc: 2.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PA-1



#45 AR-1268-5

R.T.: 9.361 min
Delta R.T.: -0.022 min
Response: 2430782
Conc: 2.16 ng/ml