

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 16:09
 Operator : SM\AJ
 Sample : K3101-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:31:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 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...	5.583	4.726	50350536	39892508	15.370	18.574
2)	SA Decachlor...	11.878	10.442	163.6E6	96261421	22.897	23.151
Target Compounds							
3)	L1 AR-1016-1	7.056	6.230	3902765	57889	23.329	0.451 #
4)	L1 AR-1016-2	7.056	6.230	3902765	57889	14.845	0.300 #
5)	L1 AR-1016-3	7.131	6.413	1068436	2024692	6.260	18.773 #
6)	L1 AR-1016-4	0.000	6.457	0	2268302	N.D.	26.639 #
7)	L1 AR-1016-5	7.567	6.753	2460490	2433718	17.737	21.137
8)	L2 AR-1221-1	0.000	5.028	0	957791	N.D.	39.083 #
9)	L2 AR-1221-2	6.028	5.143	1200557	2481951	54.492	152.382 #
10)	L2 AR-1221-3	6.088	5.248	844888	393480	9.564	6.471 #
11)	L3 AR-1232-1	6.088	5.248	844888	393480	13.045	8.587 #
12)	L3 AR-1232-2	6.713	6.230	5523860	57889	139.324	0.965 #
13)	L3 AR-1232-3	7.056	6.413	3902765	2024692	48.294	57.572
14)	L3 AR-1232-4	0.000	6.528	0	3470699	N.D.	117.459 #
15)	L3 AR-1232-5	7.396	6.753	1659413	2433718	52.360	80.843 #
16)	L4 AR-1242-1	7.056	6.230	3902765	57889	40.253	0.783 #
17)	L4 AR-1242-2	7.056	6.230	3902765	57889	27.005	0.544 #
18)	L4 AR-1242-3	7.131	6.413	1068436	2024692	11.477	33.563 #
19)	L4 AR-1242-4	0.000	6.528	0	3470699	N.D.	58.233 #
20)	L4 AR-1242-5	8.066	7.119	2573529	4678986	29.685	58.060 #
21)	L5 AR-1248-1	7.056	6.230	3902765	57889	50.422	1.005 #
22)	L5 AR-1248-2	7.396	6.457	1659413	2268302	14.733	25.800 #
23)	L5 AR-1248-3	7.567	6.528	2460490	3470699	17.826	38.357 #
24)	L5 AR-1248-4	8.066	6.753	2573529	2433718	17.047	22.039 #
25)	L5 AR-1248-5	8.066	7.173	2573529	1362191	17.093	11.998 #
26)	L6 AR-1254-1	8.021	7.119	2375425	4678986	13.621	24.429 #
27)	L6 AR-1254-2	8.229	7.314	13431287	9103446	48.567	52.400
28)	L6 AR-1254-3	8.629	7.750	13210135	24416420	44.511	84.491 #
29)	L6 AR-1254-4	8.922	7.982	7478613	10590412	35.985	59.314 #
30)	L6 AR-1254-5	9.360	8.461	17806814	6784709	61.831	26.335 #
31)	L7 AR-1260-1	8.789	7.875	21251144	19391411	63.931	70.736
32)	L7 AR-1260-2	9.110	8.114	4849690	6001275	12.005	17.349 #
33)	L7 AR-1260-3	9.493	8.240	6615138	6327821	20.053	19.731
34)	L7 AR-1260-4	9.672	8.735	1779182	4984832	4.828	18.346 #
35)	L7 AR-1260-5	10.010	8.991	14256447	19736941	18.513	29.363 #
36)	L8 AR-1262-1	9.493	8.519	6615138	5357306	47.586	47.182
37)	L8 AR-1262-2	10.010	8.991	14256447	19736941	24.633	39.781 #
38)	L8 AR-1262-3	10.358	9.280	5576513	3983185	13.189	18.945 #
39)	L8 AR-1262-4	10.413	9.389	5535054	2342277	14.655	6.186 #
40)	L8 AR-1262-5	11.115	9.868	4810315	3509868	20.473	21.648
41)	L9 AR-1268-1	10.358	9.280	5576513	3983185	9.258	8.729

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 ClientSampleId :

Integration File signal 1: autoint1.e
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 Quant Time: Jun 01 00:31:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	10.413	9.346	5535054	8216478	8.995	18.794 #
43) L9	AR-1268-3	10.724	9.555	-1754832	2421636	N.D.	6.451 #
44) L9	AR-1268-4	11.115	9.868	4810315	3509868	23.584	25.474
45) L9	AR-1268-5	11.606	10.176	2828160	7828193	1.531	6.633 #

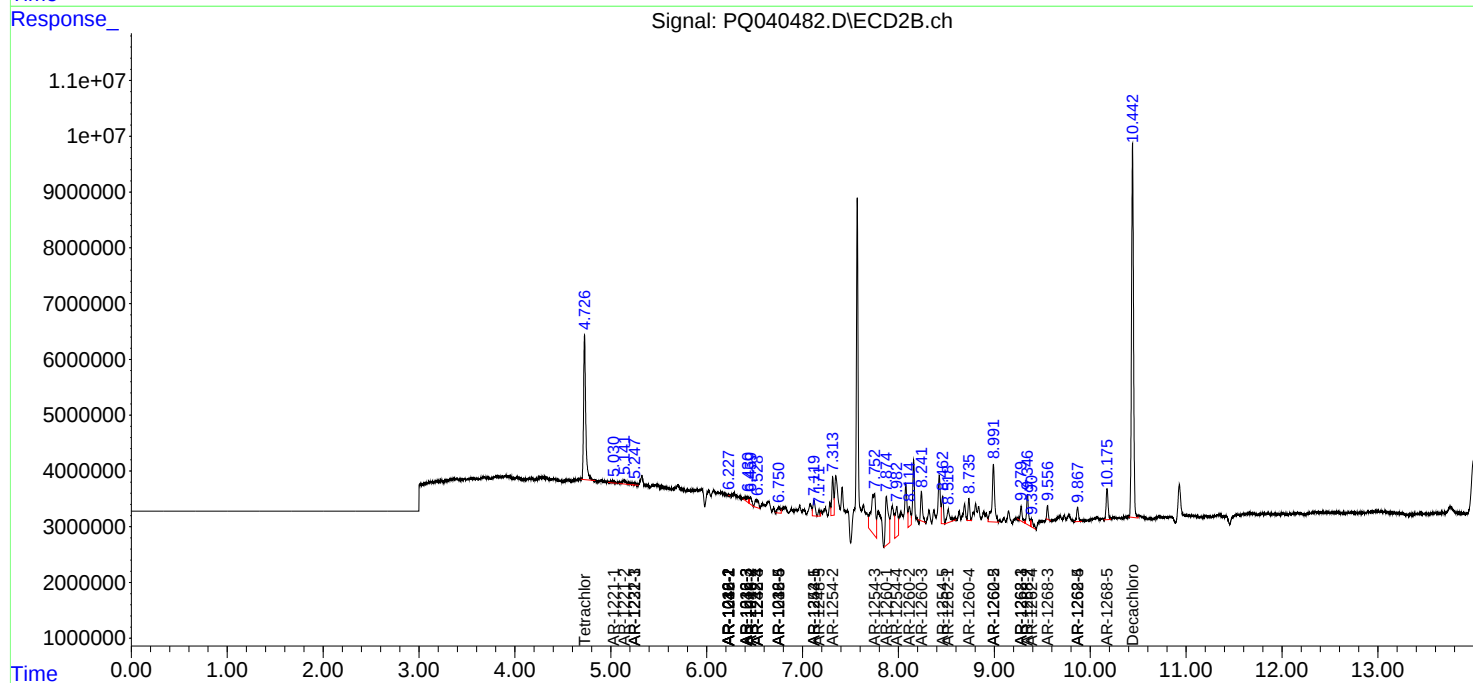
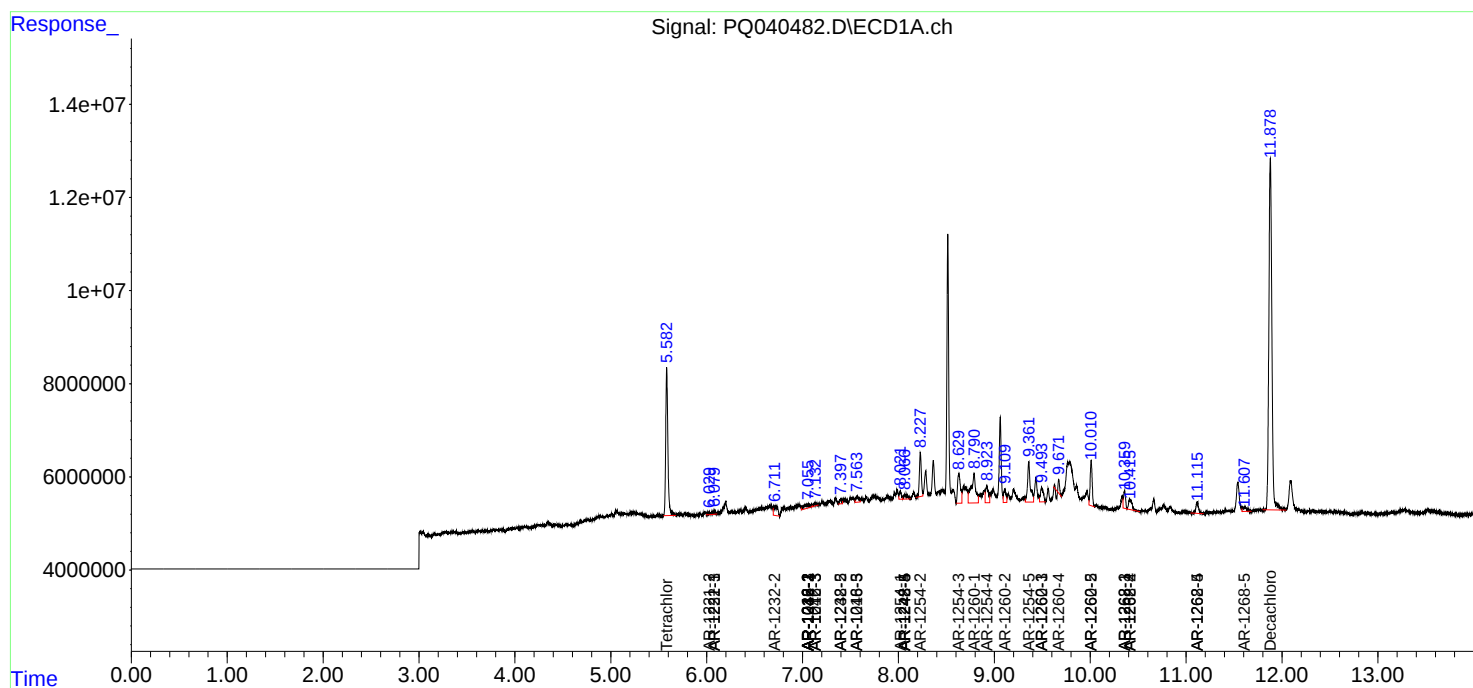
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

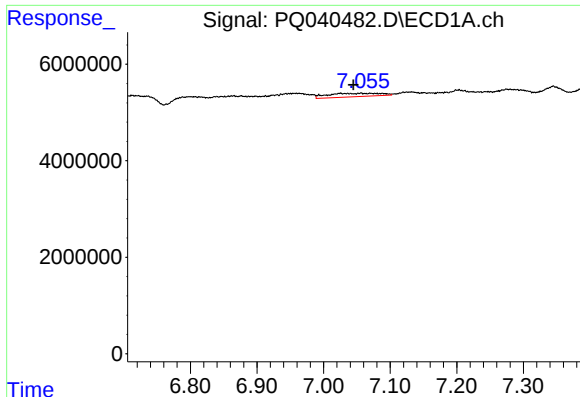
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
Data File : PQ040482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 May 2019 16:09
Operator : SM\AJ
Sample : K3101-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 00:31:53 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 2019
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

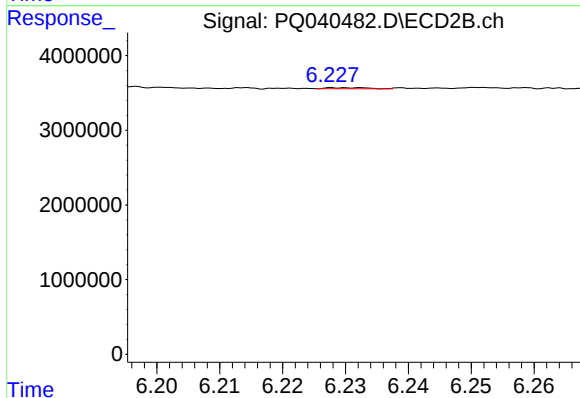




#3 AR-1016-1

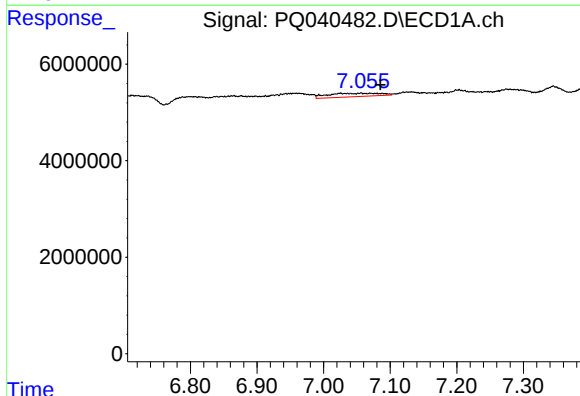
R.T.: 7.056 min
Delta R.T.: 0.011 min
Response: 3902765
Conc: 23.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



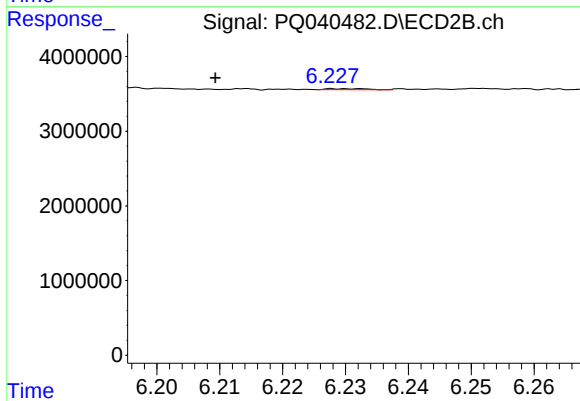
#3 AR-1016-1

R.T.: 6.230 min
Delta R.T.: 0.055 min
Response: 57889
Conc: 0.45 ng/ml



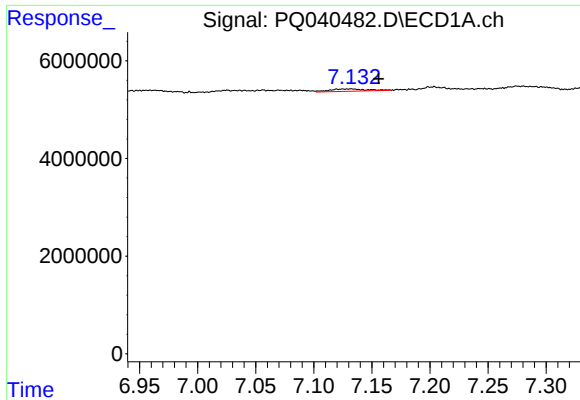
#4 AR-1016-2

R.T.: 7.056 min
Delta R.T.: -0.029 min
Response: 3902765
Conc: 14.84 ng/ml



#4 AR-1016-2

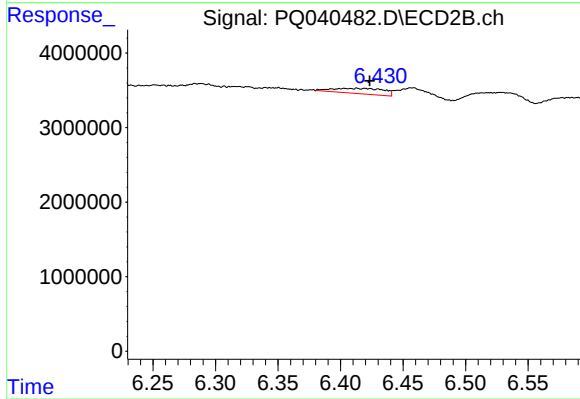
R.T.: 6.230 min
Delta R.T.: 0.021 min
Response: 57889
Conc: 0.30 ng/ml



#5 AR-1016-3

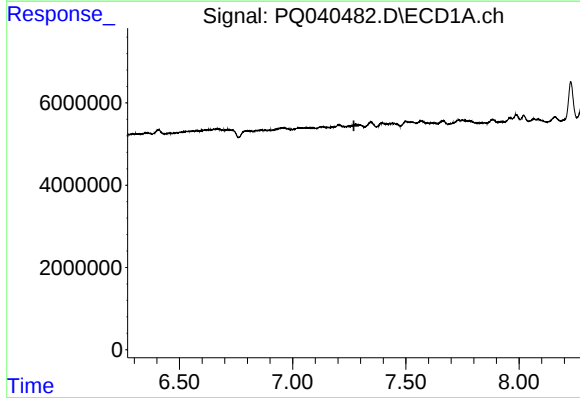
R.T.: 7.131 min
Delta R.T.: -0.025 min
Response: 1068436
Conc: 6.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



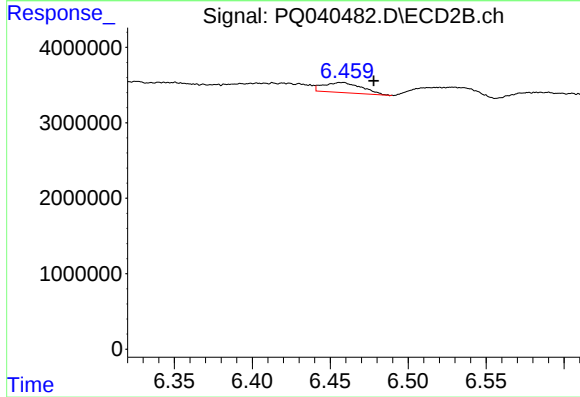
#5 AR-1016-3

R.T.: 6.413 min
Delta R.T.: -0.010 min
Response: 2024692
Conc: 18.77 ng/ml



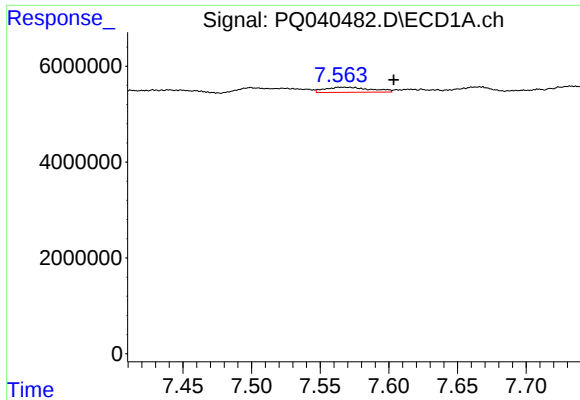
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.271 min
Response: 0
Conc: N.D.



#6 AR-1016-4

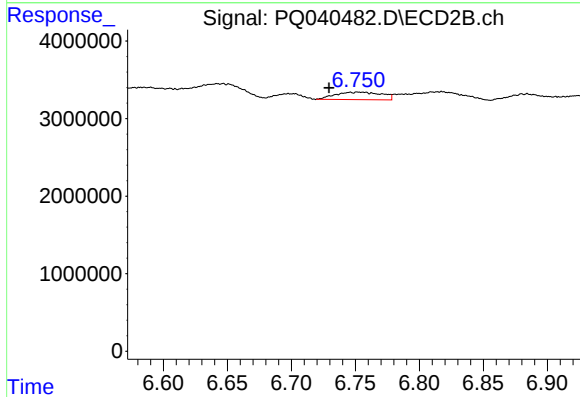
R.T.: 6.457 min
Delta R.T.: -0.021 min
Response: 2268302
Conc: 26.64 ng/ml



#7 AR-1016-5

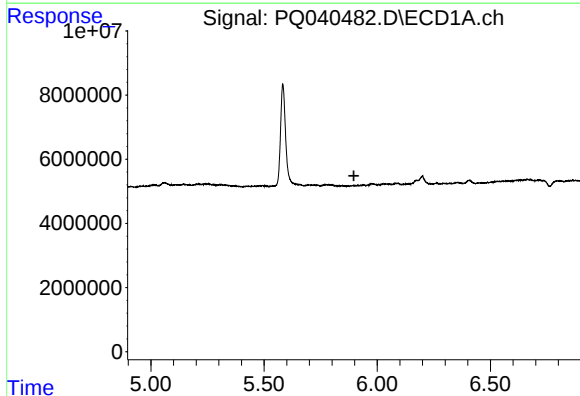
R.T.: 7.567 min
Delta R.T.: -0.037 min
Response: 2460490
Conc: 17.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



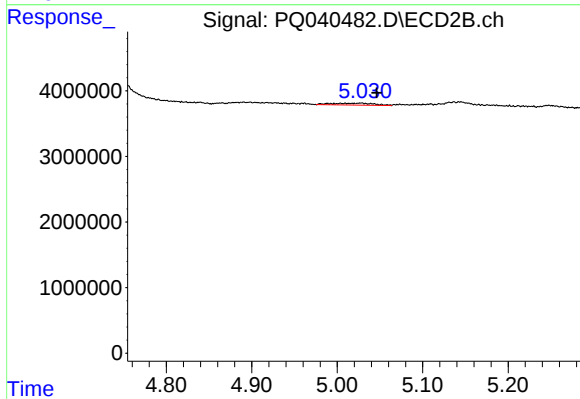
#7 AR-1016-5

R.T.: 6.753 min
Delta R.T.: 0.024 min
Response: 2433718
Conc: 21.14 ng/ml



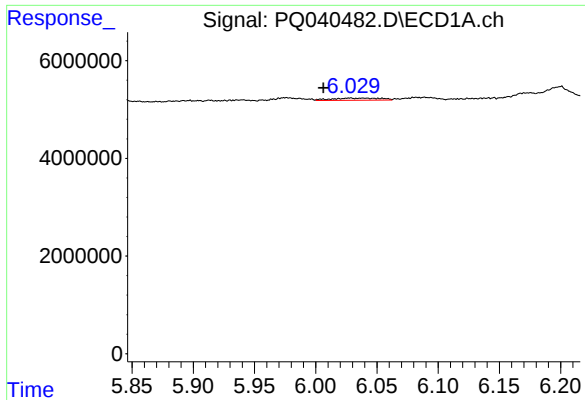
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

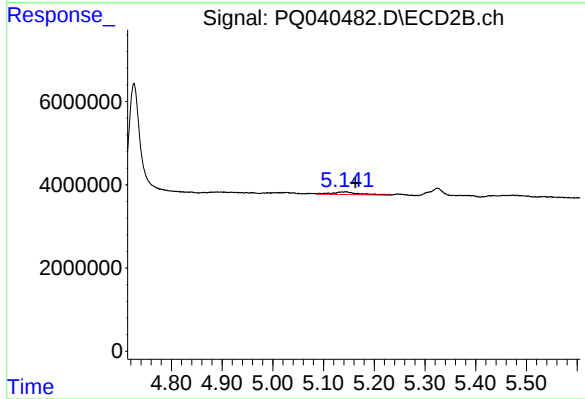
R.T.: 5.028 min
Delta R.T.: -0.019 min
Response: 957791
Conc: 39.08 ng/ml



#9 AR-1221-2

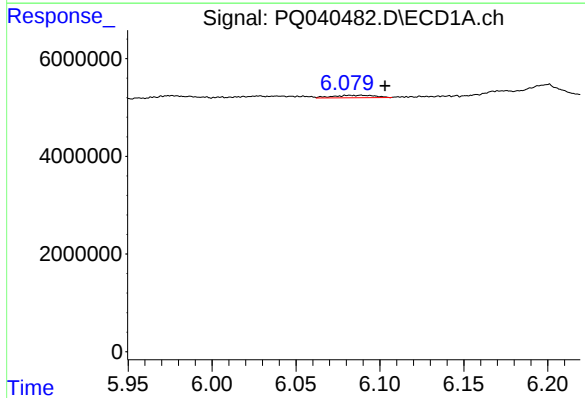
R.T.: 6.028 min
Delta R.T.: 0.022 min
Response: 1200557
Conc: 54.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



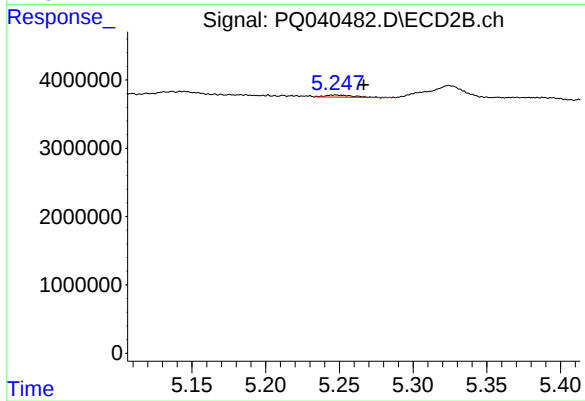
#9 AR-1221-2

R.T.: 5.143 min
Delta R.T.: -0.020 min
Response: 2481951
Conc: 152.38 ng/ml



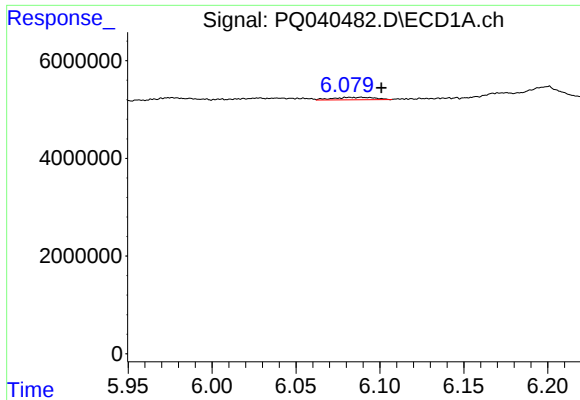
#10 AR-1221-3

R.T.: 6.088 min
Delta R.T.: -0.015 min
Response: 844888
Conc: 9.56 ng/ml



#10 AR-1221-3

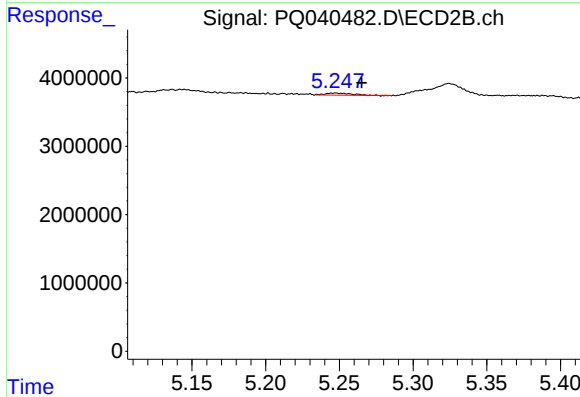
R.T.: 5.248 min
Delta R.T.: -0.019 min
Response: 393480
Conc: 6.47 ng/ml



#11 AR-1232-1

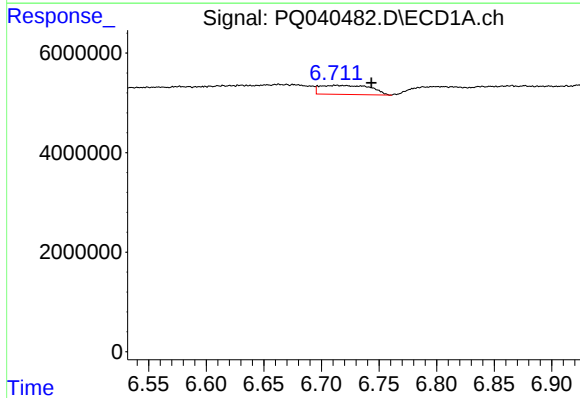
R.T.: 6.088 min
Delta R.T.: -0.013 min
Response: 844888
Conc: 13.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



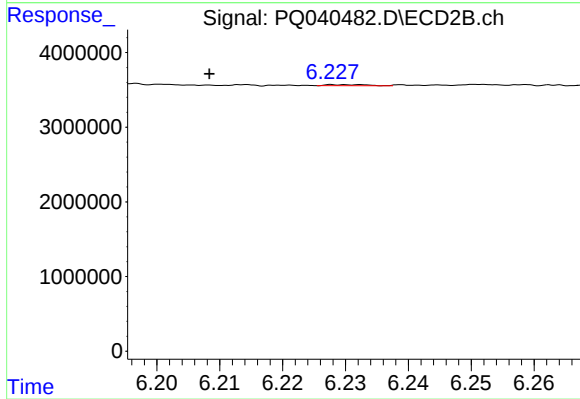
#11 AR-1232-1

R.T.: 5.248 min
Delta R.T.: -0.018 min
Response: 393480
Conc: 8.59 ng/ml



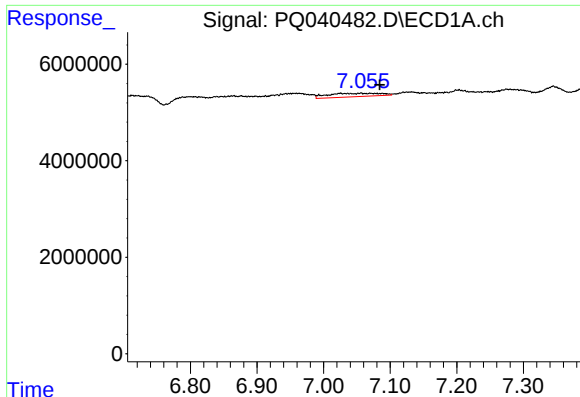
#12 AR-1232-2

R.T.: 6.713 min
Delta R.T.: -0.030 min
Response: 5523860
Conc: 139.32 ng/ml



#12 AR-1232-2

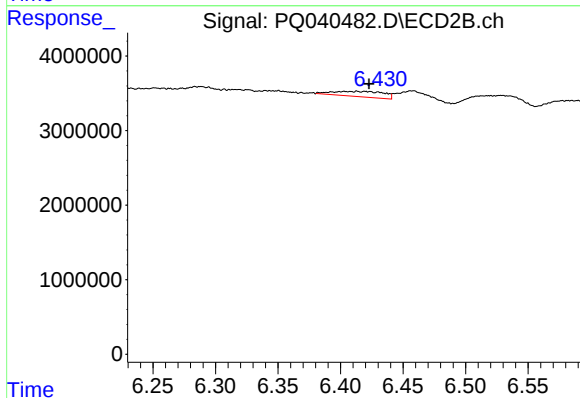
R.T.: 6.230 min
Delta R.T.: 0.022 min
Response: 57889
Conc: 0.97 ng/ml



#13 AR-1232-3

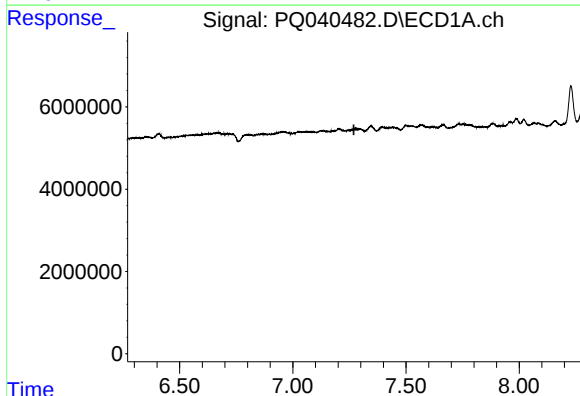
R.T.: 7.056 min
Delta R.T.: -0.028 min
Response: 3902765
Conc: 48.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



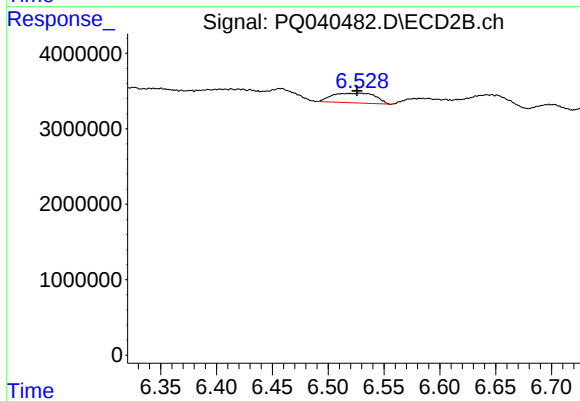
#13 AR-1232-3

R.T.: 6.413 min
Delta R.T.: -0.009 min
Response: 2024692
Conc: 57.57 ng/ml



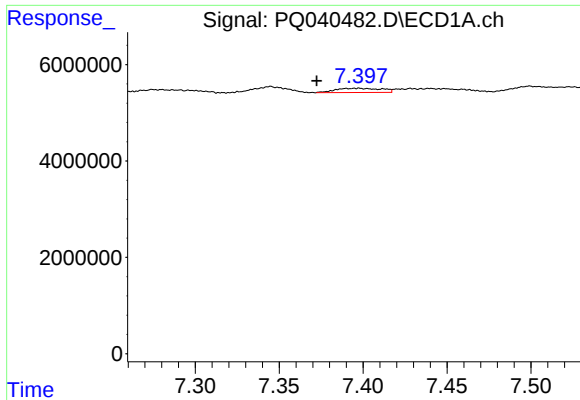
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



#14 AR-1232-4

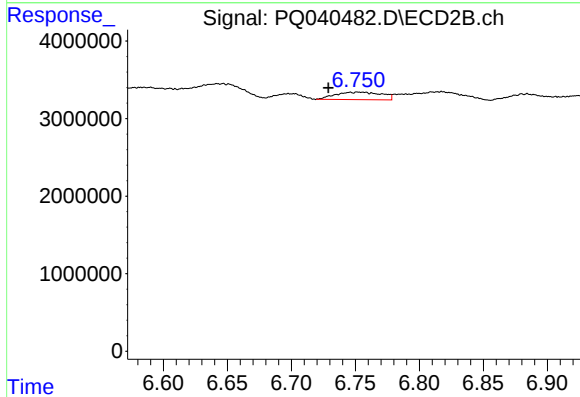
R.T.: 6.528 min
Delta R.T.: 0.003 min
Response: 3470699
Conc: 117.46 ng/ml



#15 AR-1232-5

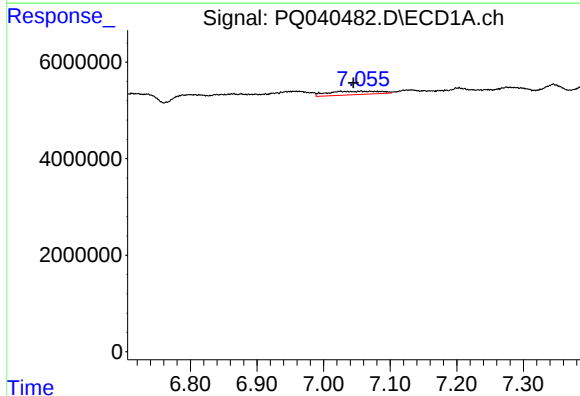
R.T.: 7.396 min
Delta R.T.: 0.024 min
Response: 1659413
Conc: 52.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



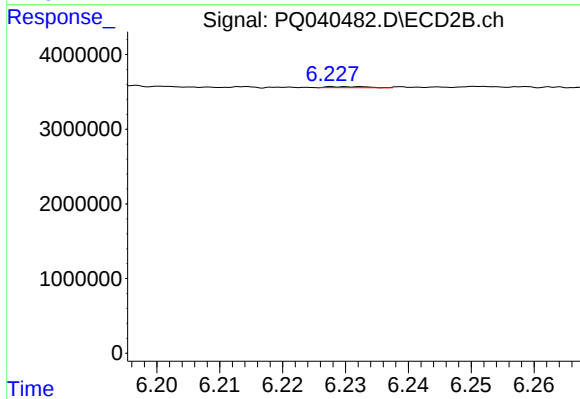
#15 AR-1232-5

R.T.: 6.753 min
Delta R.T.: 0.024 min
Response: 2433718
Conc: 80.84 ng/ml



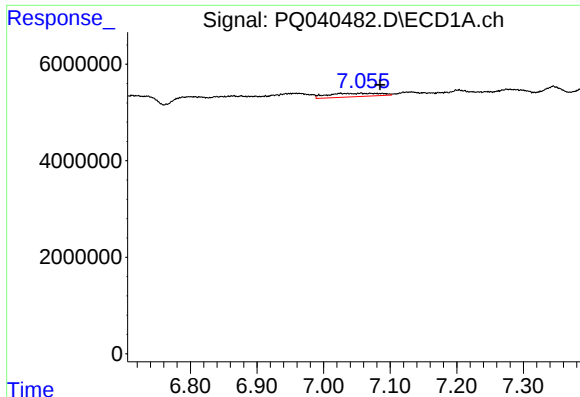
#16 AR-1242-1

R.T.: 7.056 min
Delta R.T.: 0.011 min
Response: 3902765
Conc: 40.25 ng/ml



#16 AR-1242-1

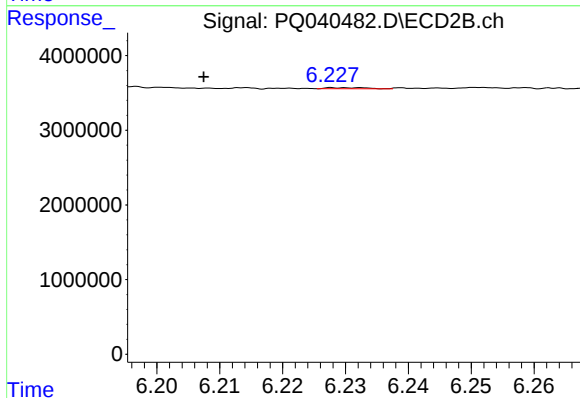
R.T.: 6.230 min
Delta R.T.: 0.055 min
Response: 57889
Conc: 0.78 ng/ml



#17 AR-1242-2

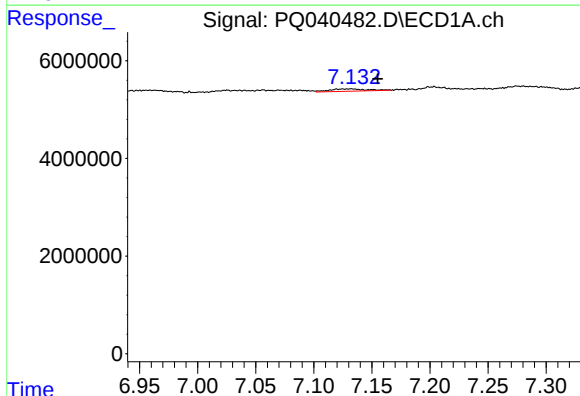
R.T.: 7.056 min
Delta R.T.: -0.029 min
Response: 3902765
Conc: 27.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



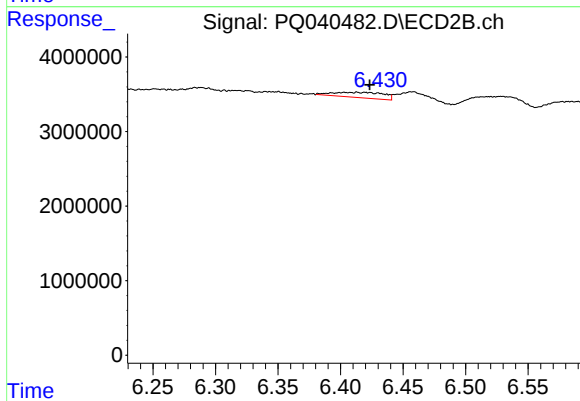
#17 AR-1242-2

R.T.: 6.230 min
Delta R.T.: 0.023 min
Response: 57889
Conc: 0.54 ng/ml



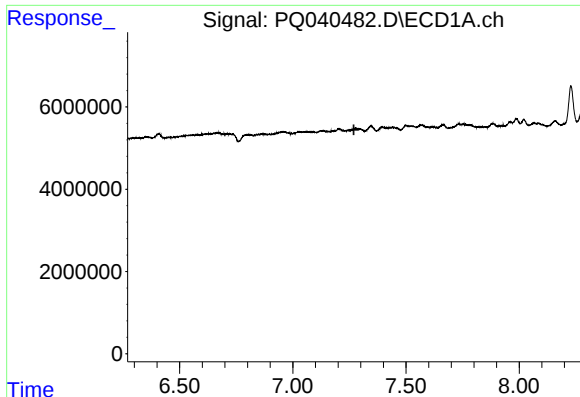
#18 AR-1242-3

R.T.: 7.131 min
Delta R.T.: -0.024 min
Response: 1068436
Conc: 11.48 ng/ml



#18 AR-1242-3

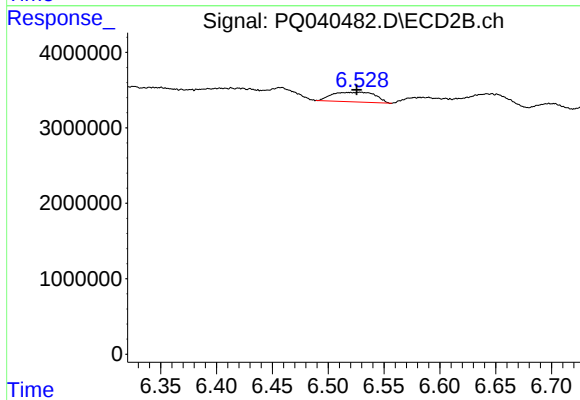
R.T.: 6.413 min
Delta R.T.: -0.010 min
Response: 2024692
Conc: 33.56 ng/ml



#19 AR-1242-4

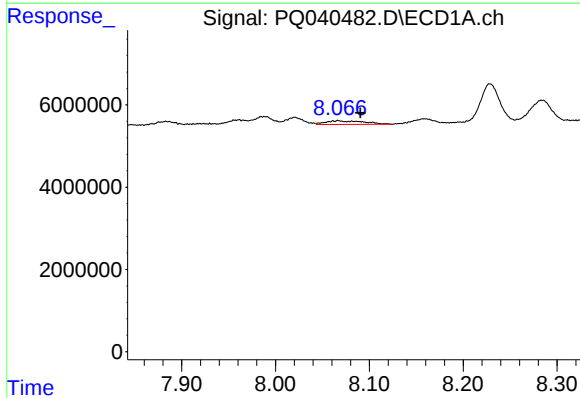
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



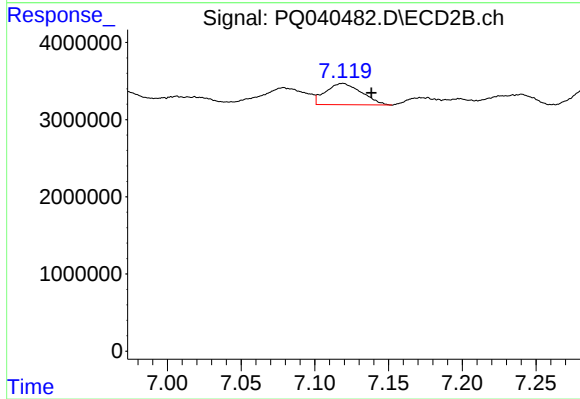
#19 AR-1242-4

R.T.: 6.528 min
Delta R.T.: 0.003 min
Response: 3470699
Conc: 58.23 ng/ml



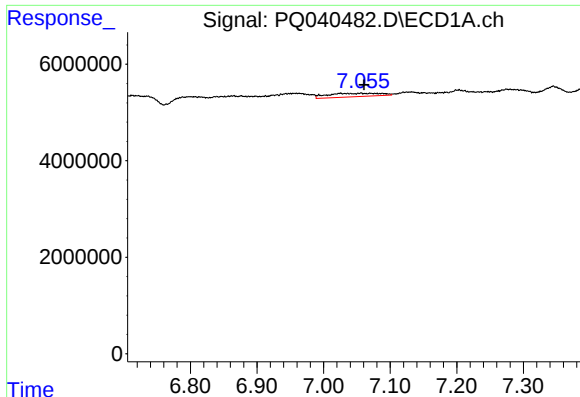
#20 AR-1242-5

R.T.: 8.066 min
Delta R.T.: -0.024 min
Response: 2573529
Conc: 29.69 ng/ml



#20 AR-1242-5

R.T.: 7.119 min
Delta R.T.: -0.020 min
Response: 4678986
Conc: 58.06 ng/ml



#21 AR-1248-1

R.T.: 7.056 min
Delta R.T.: -0.005 min
Response: 3902765
Conc: 50.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :

#21 AR-1248-1

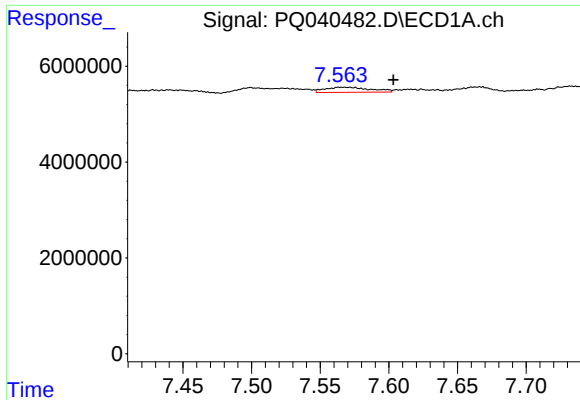
R.T.: 6.230 min
Delta R.T.: 0.043 min
Response: 57889
Conc: 1.00 ng/ml

#22 AR-1248-2

R.T.: 7.396 min
Delta R.T.: 0.022 min
Response: 1659413
Conc: 14.73 ng/ml

#22 AR-1248-2

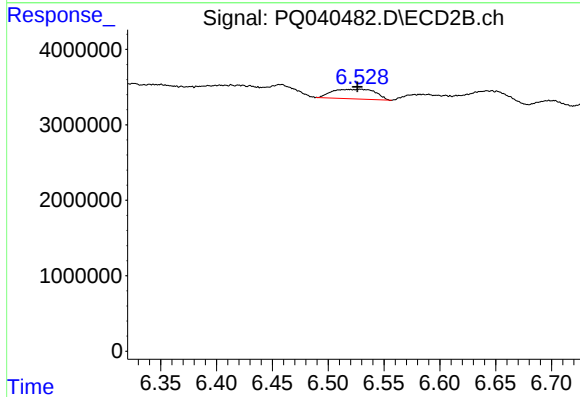
R.T.: 6.457 min
Delta R.T.: -0.020 min
Response: 2268302
Conc: 25.80 ng/ml



#23 AR-1248-3

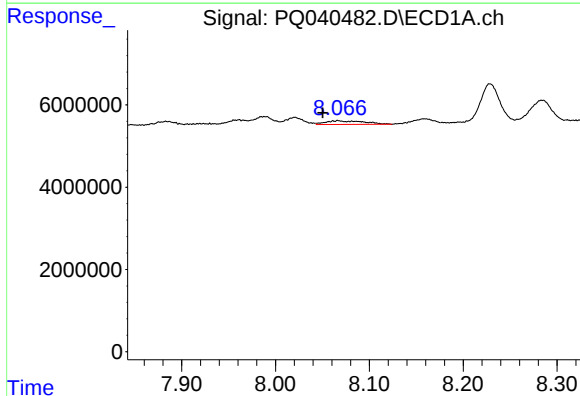
R.T.: 7.567 min
Delta R.T.: -0.036 min
Response: 2460490
Conc: 17.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



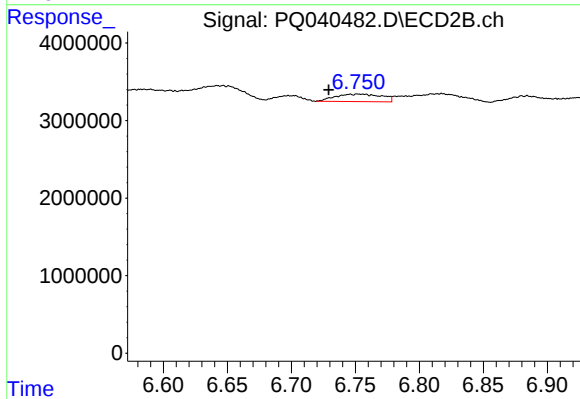
#23 AR-1248-3

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 3470699
Conc: 38.36 ng/ml



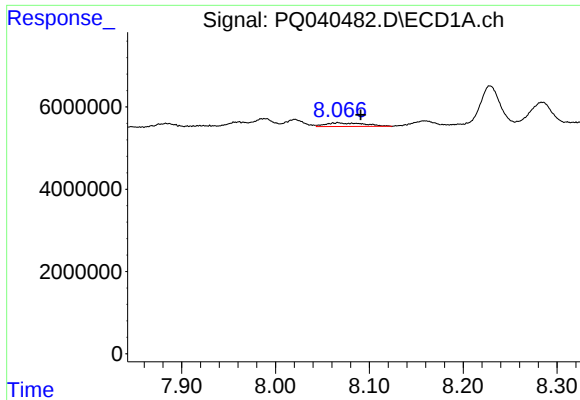
#24 AR-1248-4

R.T.: 8.066 min
Delta R.T.: 0.016 min
Response: 2573529
Conc: 17.05 ng/ml



#24 AR-1248-4

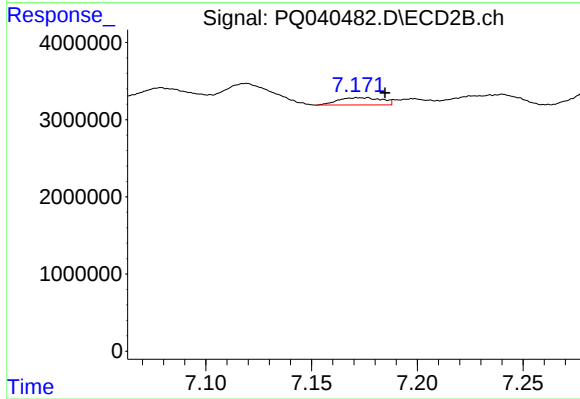
R.T.: 6.753 min
Delta R.T.: 0.024 min
Response: 2433718
Conc: 22.04 ng/ml



#25 AR-1248-5

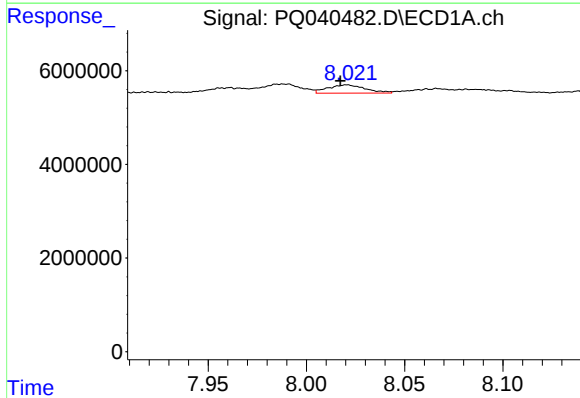
R.T.: 8.066 min
Delta R.T.: -0.025 min
Response: 2573529
Conc: 17.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



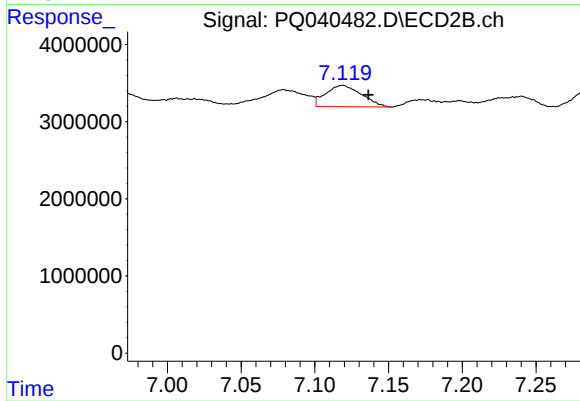
#25 AR-1248-5

R.T.: 7.173 min
Delta R.T.: -0.012 min
Response: 1362191
Conc: 12.00 ng/ml



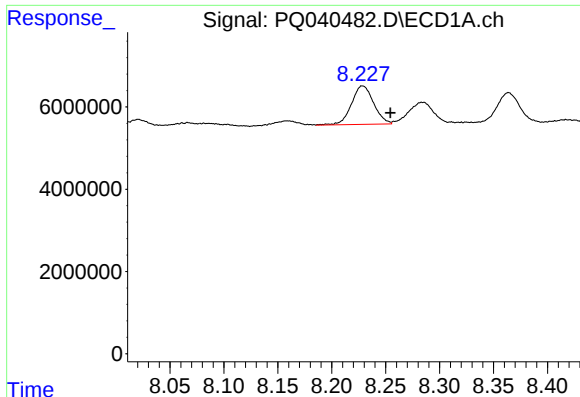
#26 AR-1254-1

R.T.: 8.021 min
Delta R.T.: 0.003 min
Response: 2375425
Conc: 13.62 ng/ml



#26 AR-1254-1

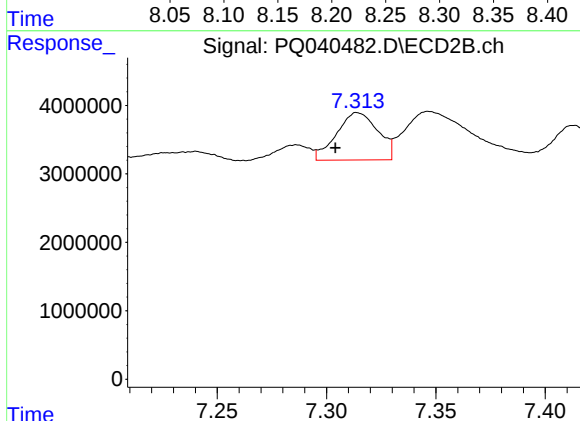
R.T.: 7.119 min
Delta R.T.: -0.018 min
Response: 4678986
Conc: 24.43 ng/ml



#27 AR-1254-2

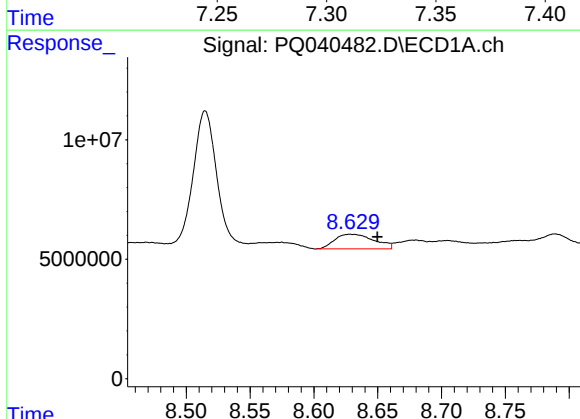
R.T.: 8.229 min
Delta R.T.: -0.026 min
Response: 13431287
Conc: 48.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



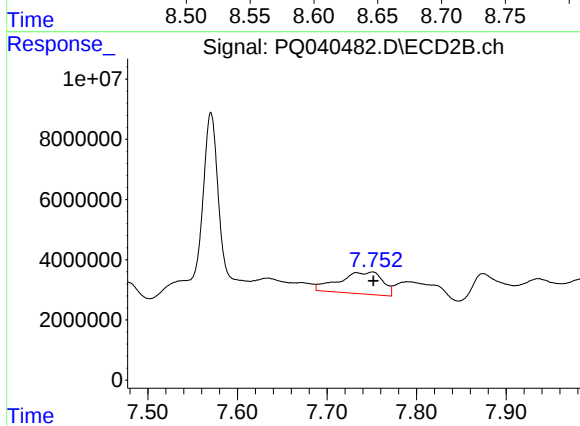
#27 AR-1254-2

R.T.: 7.314 min
Delta R.T.: 0.010 min
Response: 9103446
Conc: 52.40 ng/ml



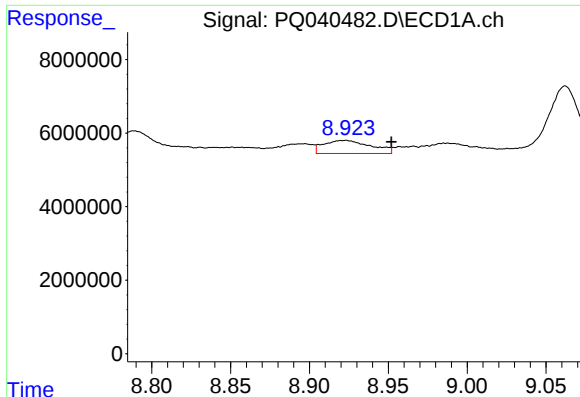
#28 AR-1254-3

R.T.: 8.629 min
Delta R.T.: -0.021 min
Response: 13210135
Conc: 44.51 ng/ml



#28 AR-1254-3

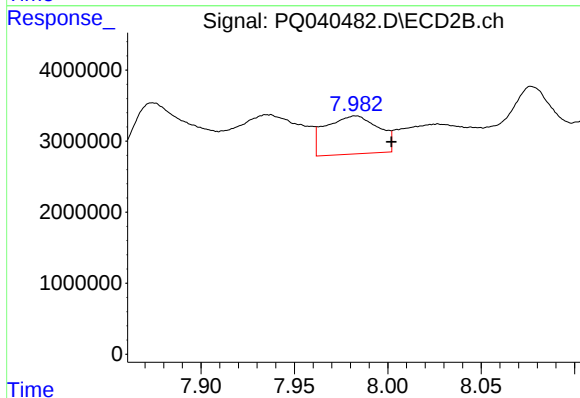
R.T.: 7.750 min
Delta R.T.: -0.002 min
Response: 24416420
Conc: 84.49 ng/ml



#29 AR-1254-4

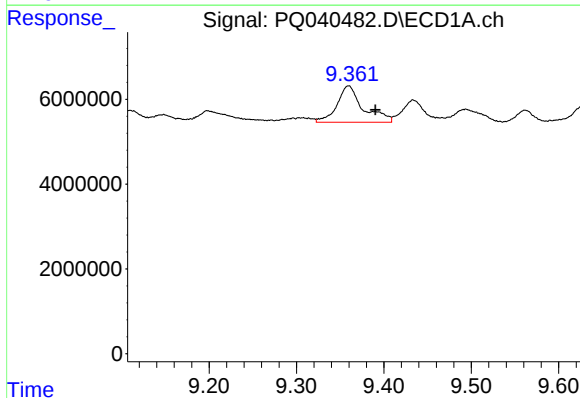
R.T.: 8.922 min
Delta R.T.: -0.030 min
Response: 7478613
Conc: 35.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



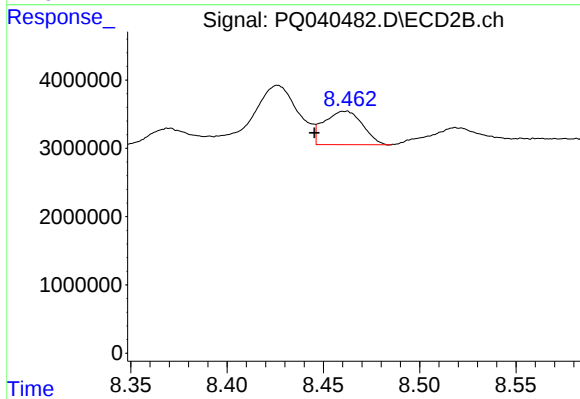
#29 AR-1254-4

R.T.: 7.982 min
Delta R.T.: -0.020 min
Response: 10590412
Conc: 59.31 ng/ml



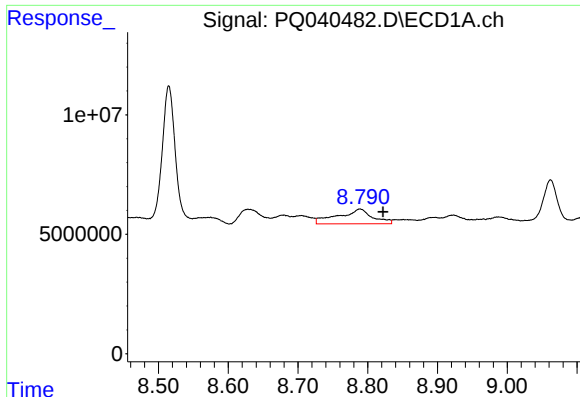
#30 AR-1254-5

R.T.: 9.360 min
Delta R.T.: -0.031 min
Response: 17806814
Conc: 61.83 ng/ml



#30 AR-1254-5

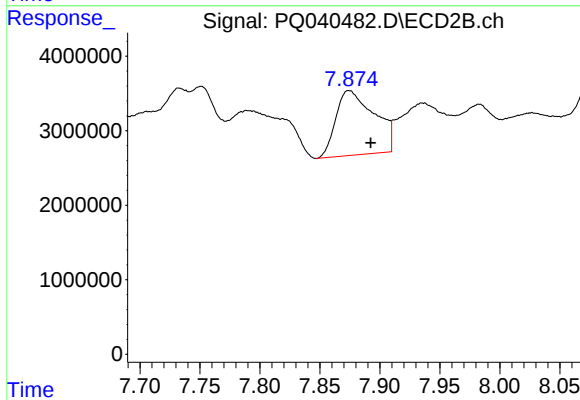
R.T.: 8.461 min
Delta R.T.: 0.016 min
Response: 6784709
Conc: 26.34 ng/ml



#31 AR-1260-1

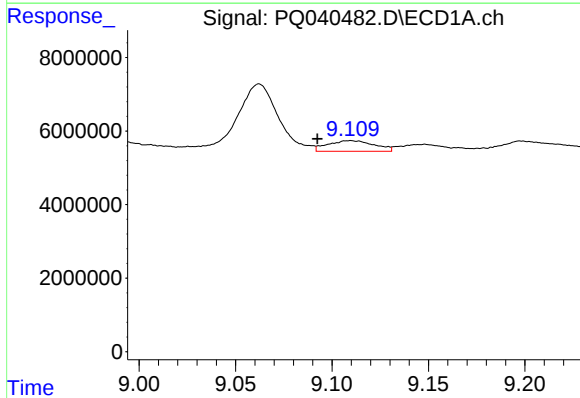
R.T.: 8.789 min
Delta R.T.: -0.033 min
Response: 21251144
Conc: 63.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



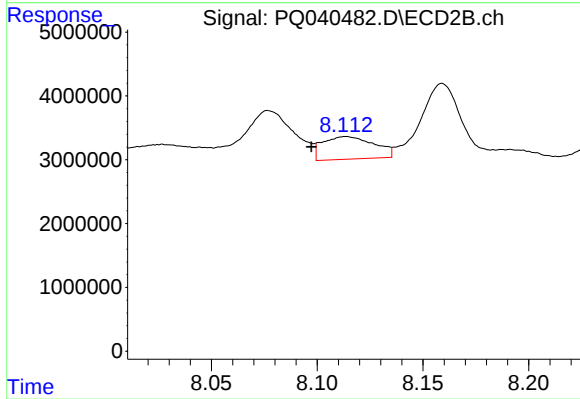
#31 AR-1260-1

R.T.: 7.875 min
Delta R.T.: -0.018 min
Response: 19391411
Conc: 70.74 ng/ml



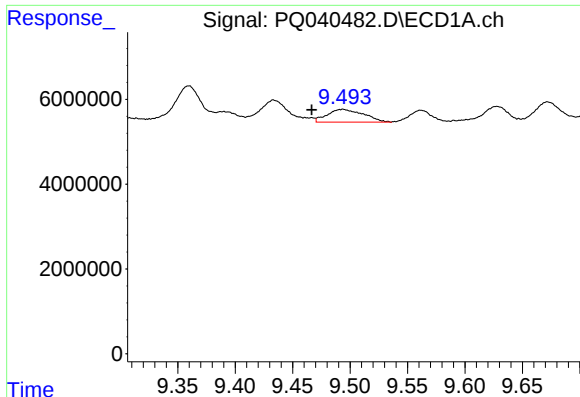
#32 AR-1260-2

R.T.: 9.110 min
Delta R.T.: 0.018 min
Response: 4849690
Conc: 12.01 ng/ml



#32 AR-1260-2

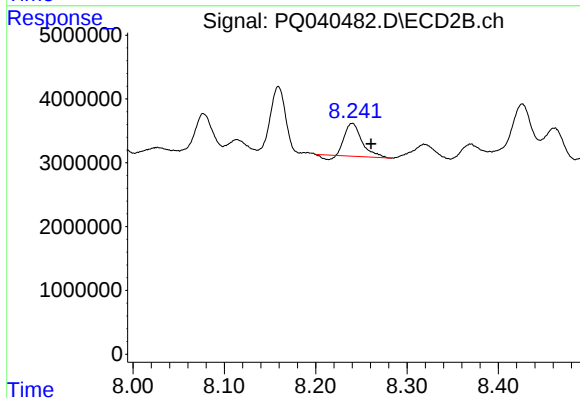
R.T.: 8.114 min
Delta R.T.: 0.017 min
Response: 6001275
Conc: 17.35 ng/ml



#33 AR-1260-3

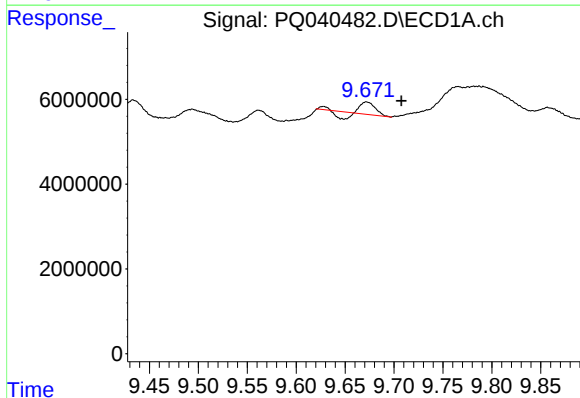
R.T.: 9.493 min
Delta R.T.: 0.027 min
Response: 6615138
Conc: 20.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



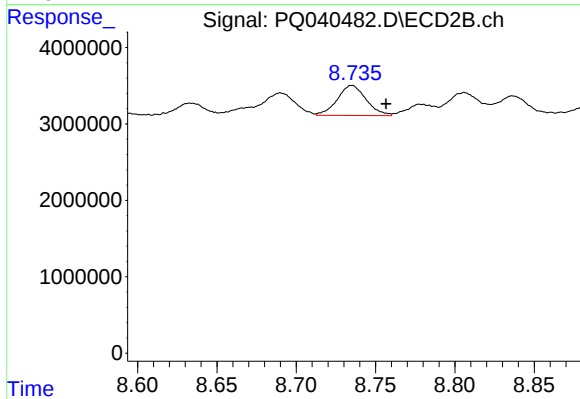
#33 AR-1260-3

R.T.: 8.240 min
Delta R.T.: -0.020 min
Response: 6327821
Conc: 19.73 ng/ml



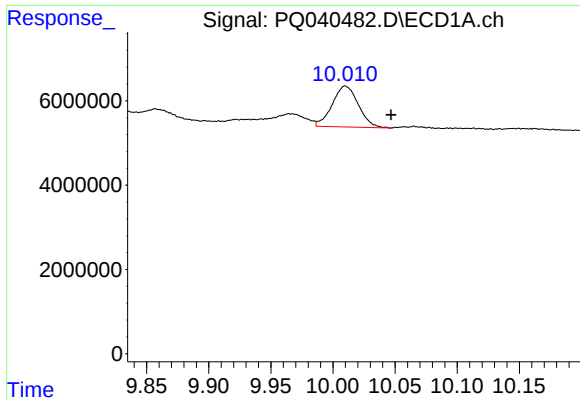
#34 AR-1260-4

R.T.: 9.672 min
Delta R.T.: -0.035 min
Response: 1779182
Conc: 4.83 ng/ml



#34 AR-1260-4

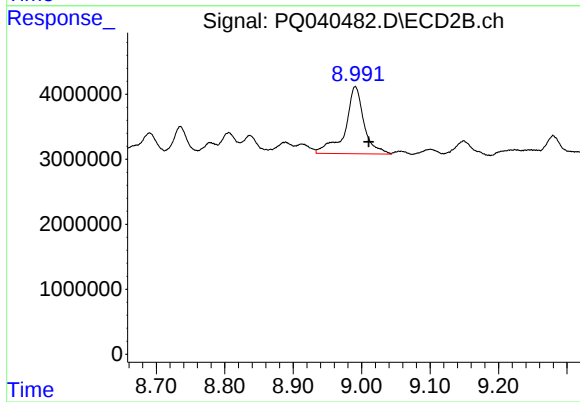
R.T.: 8.735 min
Delta R.T.: -0.022 min
Response: 4984832
Conc: 18.35 ng/ml



#35 AR-1260-5

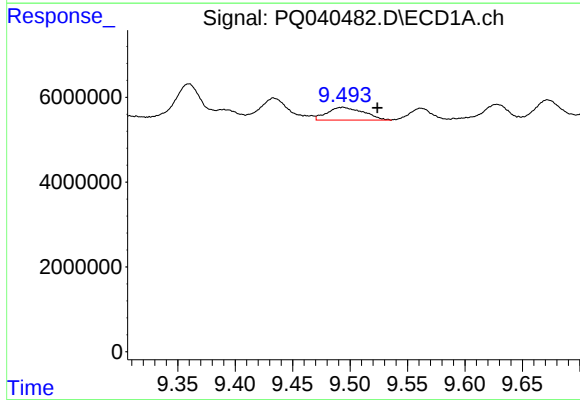
R.T.: 10.010 min
Delta R.T.: -0.037 min
Response: 14256447
Conc: 18.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



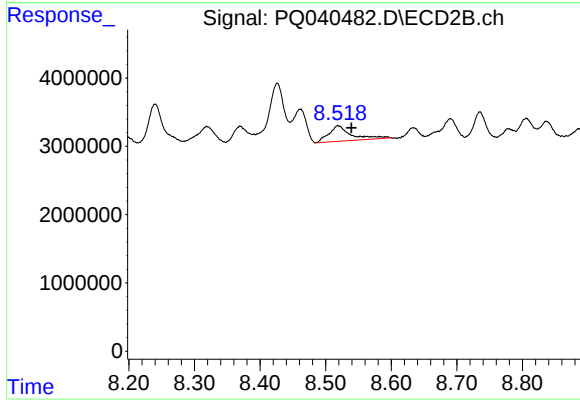
#35 AR-1260-5

R.T.: 8.991 min
Delta R.T.: -0.020 min
Response: 19736941
Conc: 29.36 ng/ml



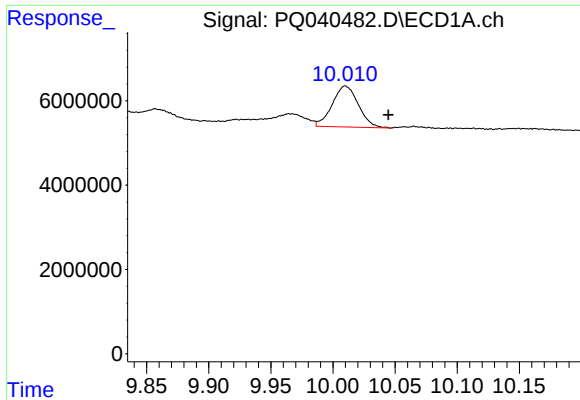
#36 AR-1262-1

R.T.: 9.493 min
Delta R.T.: -0.030 min
Response: 6615138
Conc: 47.59 ng/ml



#36 AR-1262-1

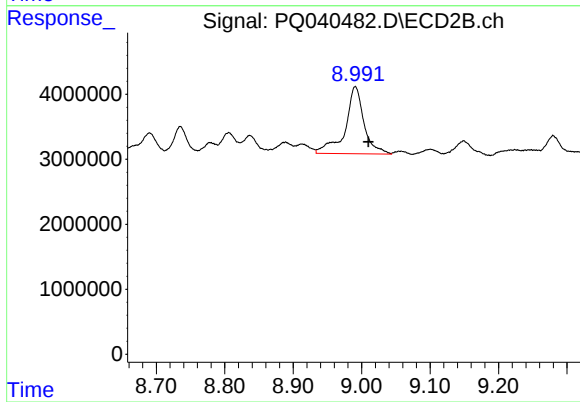
R.T.: 8.519 min
Delta R.T.: -0.020 min
Response: 5357306
Conc: 47.18 ng/ml



#37 AR-1262-2

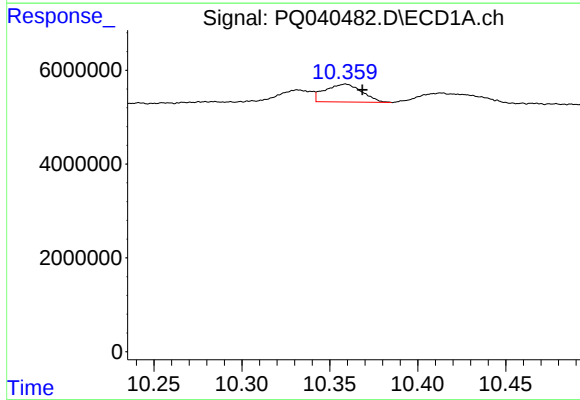
R.T.: 10.010 min
Delta R.T.: -0.034 min
Response: 14256447
Conc: 24.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



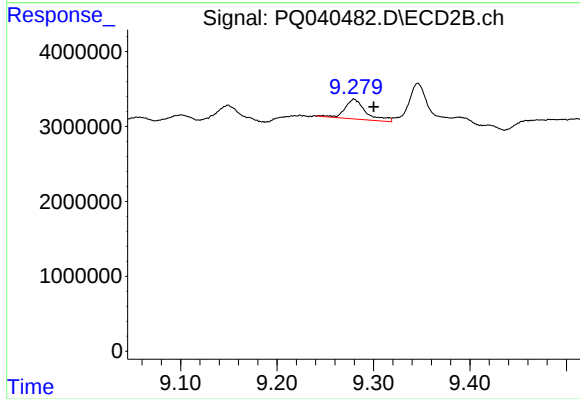
#37 AR-1262-2

R.T.: 8.991 min
Delta R.T.: -0.019 min
Response: 19736941
Conc: 39.78 ng/ml



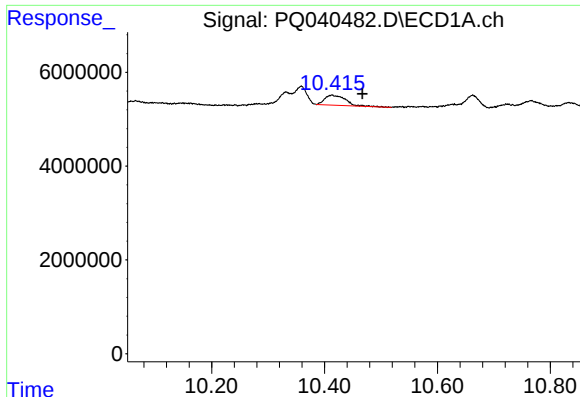
#38 AR-1262-3

R.T.: 10.358 min
Delta R.T.: -0.010 min
Response: 5576513
Conc: 13.19 ng/ml



#38 AR-1262-3

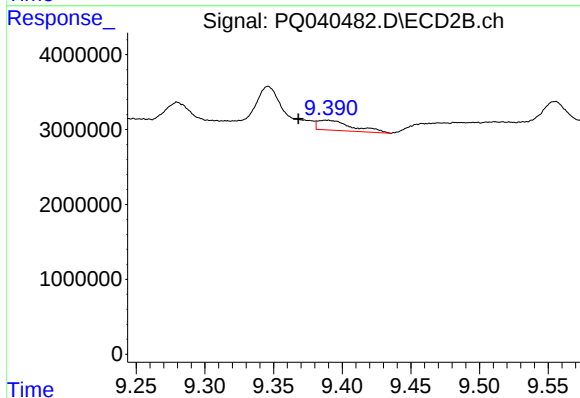
R.T.: 9.280 min
Delta R.T.: -0.020 min
Response: 3983185
Conc: 18.94 ng/ml



#39 AR-1262-4

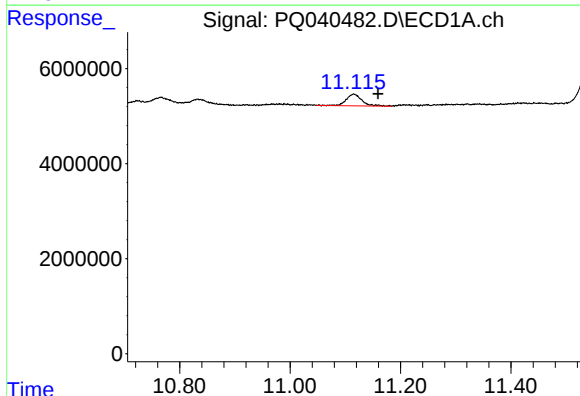
R.T.: 10.413 min
Delta R.T.: -0.054 min
Response: 5535054
Conc: 14.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



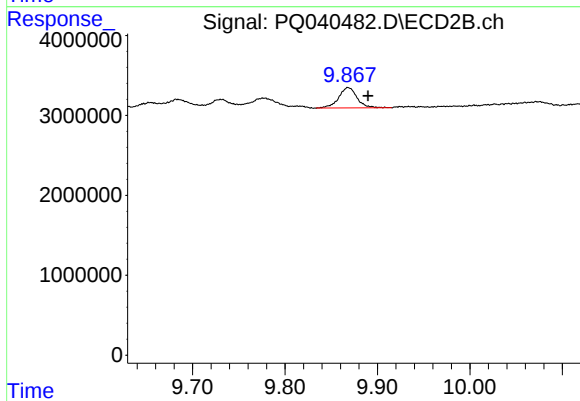
#39 AR-1262-4

R.T.: 9.389 min
Delta R.T.: 0.020 min
Response: 2342277
Conc: 6.19 ng/ml



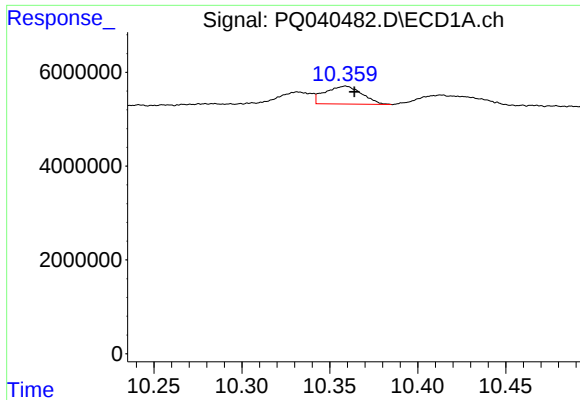
#40 AR-1262-5

R.T.: 11.115 min
Delta R.T.: -0.044 min
Response: 4810315
Conc: 20.47 ng/ml



#40 AR-1262-5

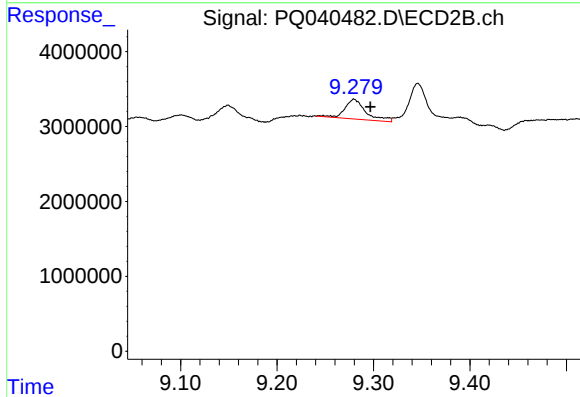
R.T.: 9.868 min
Delta R.T.: -0.021 min
Response: 3509868
Conc: 21.65 ng/ml



#41 AR-1268-1

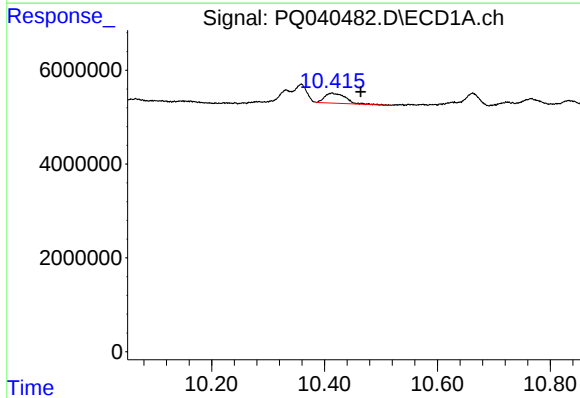
R.T.: 10.358 min
Delta R.T.: -0.006 min
Response: 5576513
Conc: 9.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



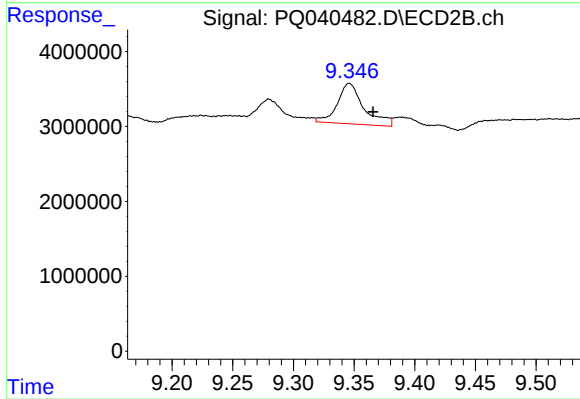
#41 AR-1268-1

R.T.: 9.280 min
Delta R.T.: -0.017 min
Response: 3983185
Conc: 8.73 ng/ml



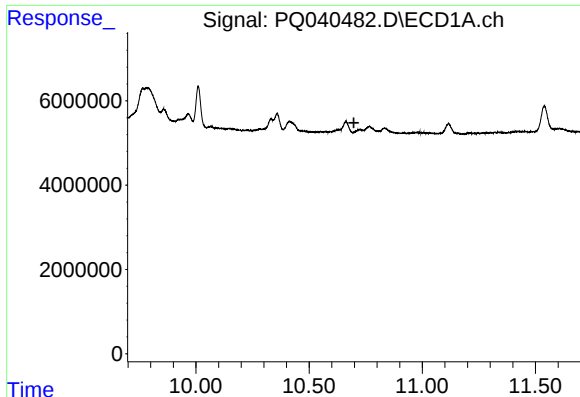
#42 AR-1268-2

R.T.: 10.413 min
Delta R.T.: -0.051 min
Response: 5535054
Conc: 9.00 ng/ml



#42 AR-1268-2

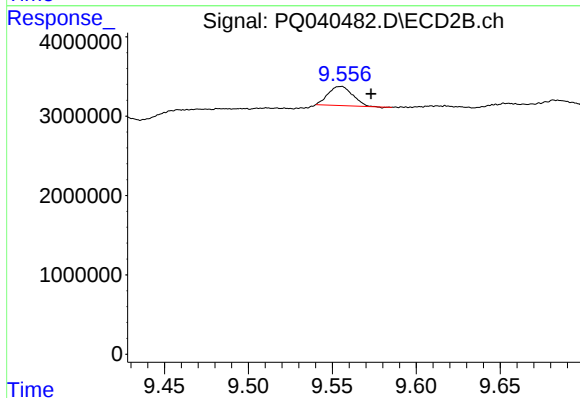
R.T.: 9.346 min
Delta R.T.: -0.020 min
Response: 8216478
Conc: 18.79 ng/ml



#43 AR-1268-3

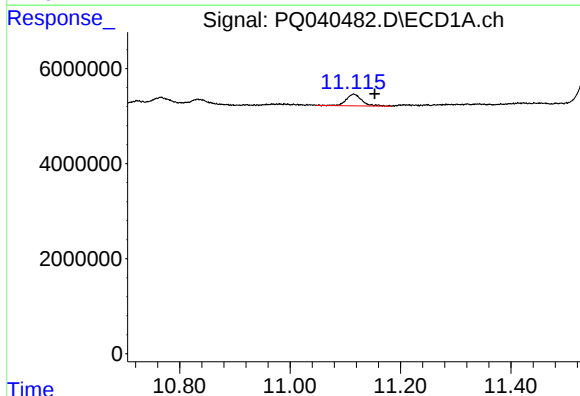
R.T.: 10.724 min
Delta R.T.: 0.026 min
Response: -1754832
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



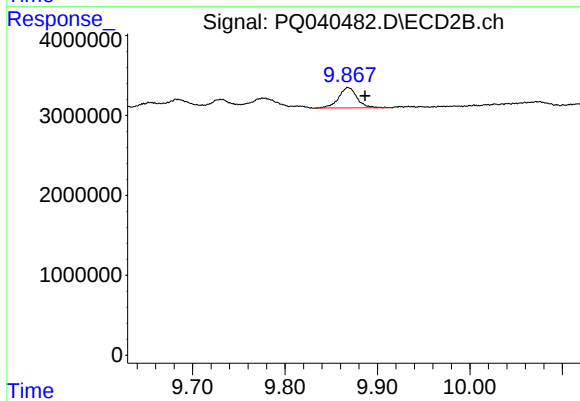
#43 AR-1268-3

R.T.: 9.555 min
Delta R.T.: -0.018 min
Response: 2421636
Conc: 6.45 ng/ml



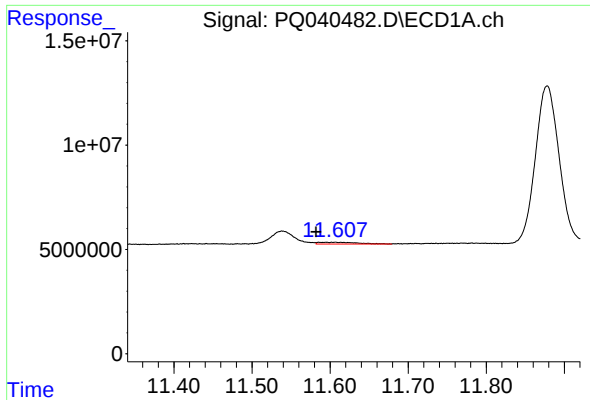
#44 AR-1268-4

R.T.: 11.115 min
Delta R.T.: -0.038 min
Response: 4810315
Conc: 23.58 ng/ml



#44 AR-1268-4

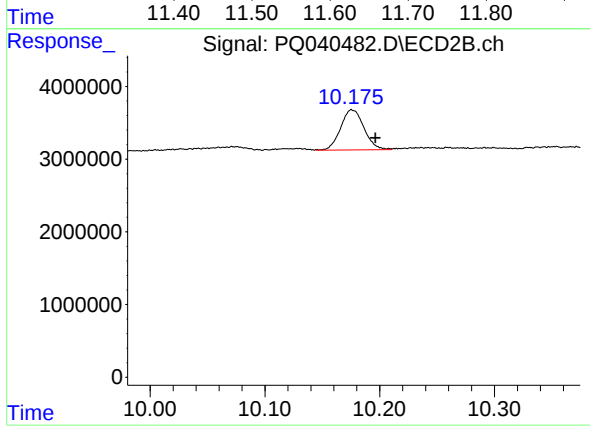
R.T.: 9.868 min
Delta R.T.: -0.018 min
Response: 3509868
Conc: 25.47 ng/ml



#45 AR-1268-5

R.T.: 11.606 min
Delta R.T.: 0.024 min
Response: 2828160
Conc: 1.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.176 min
Delta R.T.: -0.020 min
Response: 7828193
Conc: 6.63 ng/ml