

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 14:51
 Operator : SM\AJ
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 145 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1268336

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 00:08:36 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...	5.603	4.736	78266246	48480043	23.891	22.572
2)	SA Decachlor...	11.923	10.465	411.1E6	212.8E6	57.551	51.181
Target Compounds							
3)	L1 AR-1016-1	0.000	6.179	0	519009	N.D.	4.046 #
4)	L1 AR-1016-2	0.000	6.179	0	519009	N.D.	2.689 #
5)	L1 AR-1016-3	0.000	6.419	0	516381	N.D.	4.788 #
6)	L1 AR-1016-4	0.000	6.473	0	253897	N.D.	2.982 #
7)	L1 AR-1016-5	0.000	6.728	0	756045	N.D.	6.566 #
8)	L2 AR-1221-1	0.000	5.047	0	150081	N.D.	6.124 #
9)	L2 AR-1221-2	0.000	5.156	0	843625	N.D.	51.795 #
10)	L2 AR-1221-3	0.000	5.264	0	366719	N.D.	6.031 #
11)	L3 AR-1232-1	0.000	5.264	0	366719	N.D.	8.003 #
12)	L3 AR-1232-2	0.000	6.179	0	519009	N.D.	8.652 #
13)	L3 AR-1232-3	0.000	6.419	0	516381	N.D.	14.683 #
14)	L3 AR-1232-4	0.000	6.525	0	1235919	N.D.	41.827 #
15)	L3 AR-1232-5	0.000	6.728	0	756045	N.D.	25.114 #
16)	L4 AR-1242-1	0.000	6.179	0	519009	N.D.	7.019 #
17)	L4 AR-1242-2	0.000	6.179	0	519009	N.D.	4.875 #
18)	L4 AR-1242-3	0.000	6.419	0	516381	N.D.	8.560 #
19)	L4 AR-1242-4	0.000	6.525	0	1235919	N.D.	20.737 #
20)	L4 AR-1242-5	0.000	7.133	0	823576	N.D.	10.220 #
21)	L5 AR-1248-1	0.000	6.179	0	519009	N.D.	9.007 #
22)	L5 AR-1248-2	0.000	6.473	0	253897	N.D.	2.888 #
23)	L5 AR-1248-3	0.000	6.525	0	1235919	N.D.	13.659 #
24)	L5 AR-1248-4	0.000	6.728	0	756045	N.D.	6.846 #
25)	L5 AR-1248-5	0.000	7.181	0	1134592	N.D.	9.993 #
26)	L6 AR-1254-1	0.000	7.133	0	823576	N.D.	4.300 #
27)	L6 AR-1254-2	0.000	7.303	0	210679	N.D.	1.213 #
28)	L6 AR-1254-3	0.000	7.753	0	1085989	N.D.	3.758 #
29)	L6 AR-1254-4	0.000	8.000	0	695628	N.D.	3.896 #
30)	L6 AR-1254-5	9.458	8.480	35965951	25519079	124.885	99.053
31)	L7 AR-1260-1	0.000	7.887	0	595741	N.D.	2.173 #
32)	L7 AR-1260-2	0.000	8.093	0	795353	N.D.	2.299 #
33)	L7 AR-1260-3	9.458	8.258	35965951	1900444	109.025	5.926 #
34)	L7 AR-1260-4	9.714	8.746	51258734	35244174	139.089	129.708
35)	L7 AR-1260-5	10.038	9.008	18703813	13595238	24.289	20.226
36)	L8 AR-1262-1	9.458	8.537	35965951	1655359	258.723	14.579 #
37)	L8 AR-1262-2	10.038	9.008	18703813	13595238	32.318	27.402
38)	L8 AR-1262-3	10.362	9.298	235.6E6	154.4E6	557.328	734.182 #
39)	L8 AR-1262-4	10.463	9.366	228.3E6	144.5E6	604.482	381.696 #
40)	L8 AR-1262-5	11.153	9.889	77852208	47403061	331.343	292.373
41)	L9 AR-1268-1	10.362	9.298	235.6E6	154.4E6	391.196	338.264

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 14:51
 Operator : SM\AJ
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 145 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1268336

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 00:08:36 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	10.463	9.366	228.3E6	144.5E6	371.046	330.568
43) L9	AR-1268-3	10.696	9.575	211.1E6	124.9E6	388.558	332.648
44) L9	AR-1268-4	11.153	9.889	77852208	47403061	381.697	344.038
45) L9	AR-1268-5	11.578	10.198	703.7E6	389.5E6	380.804	330.044

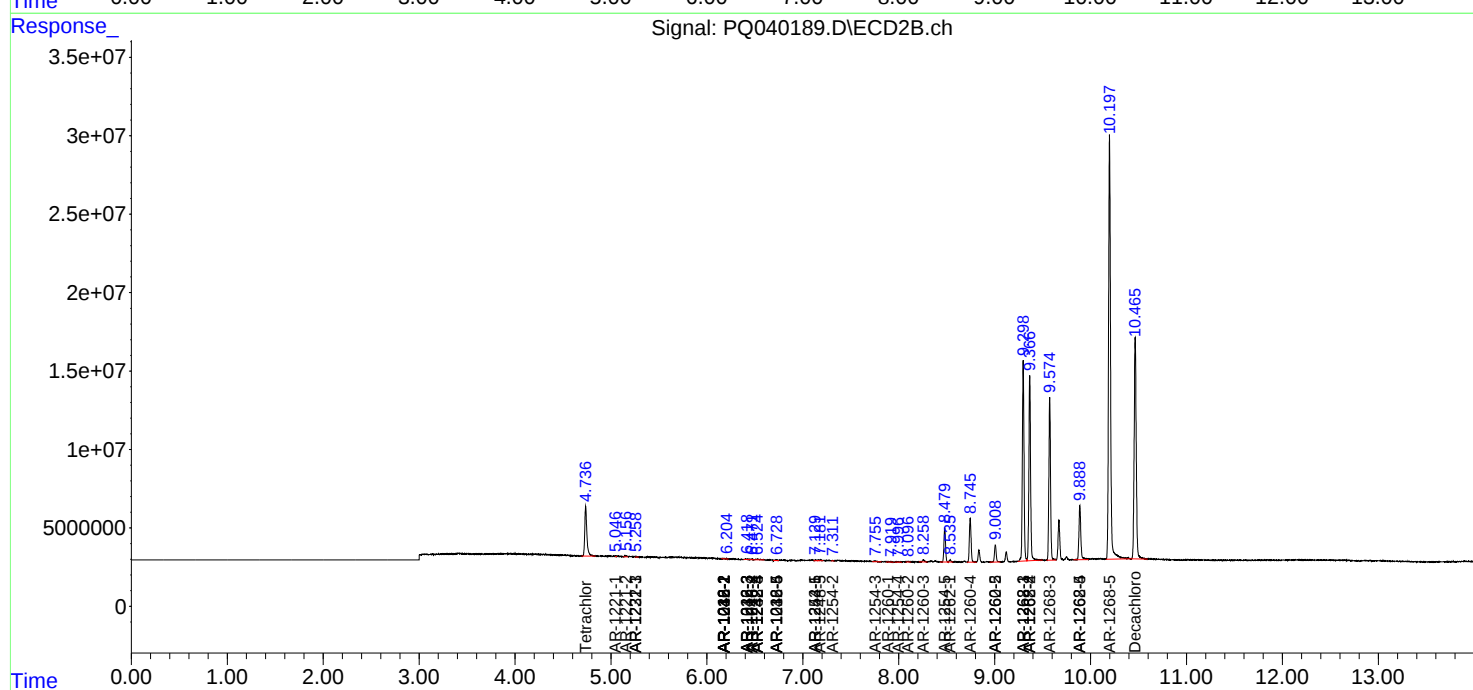
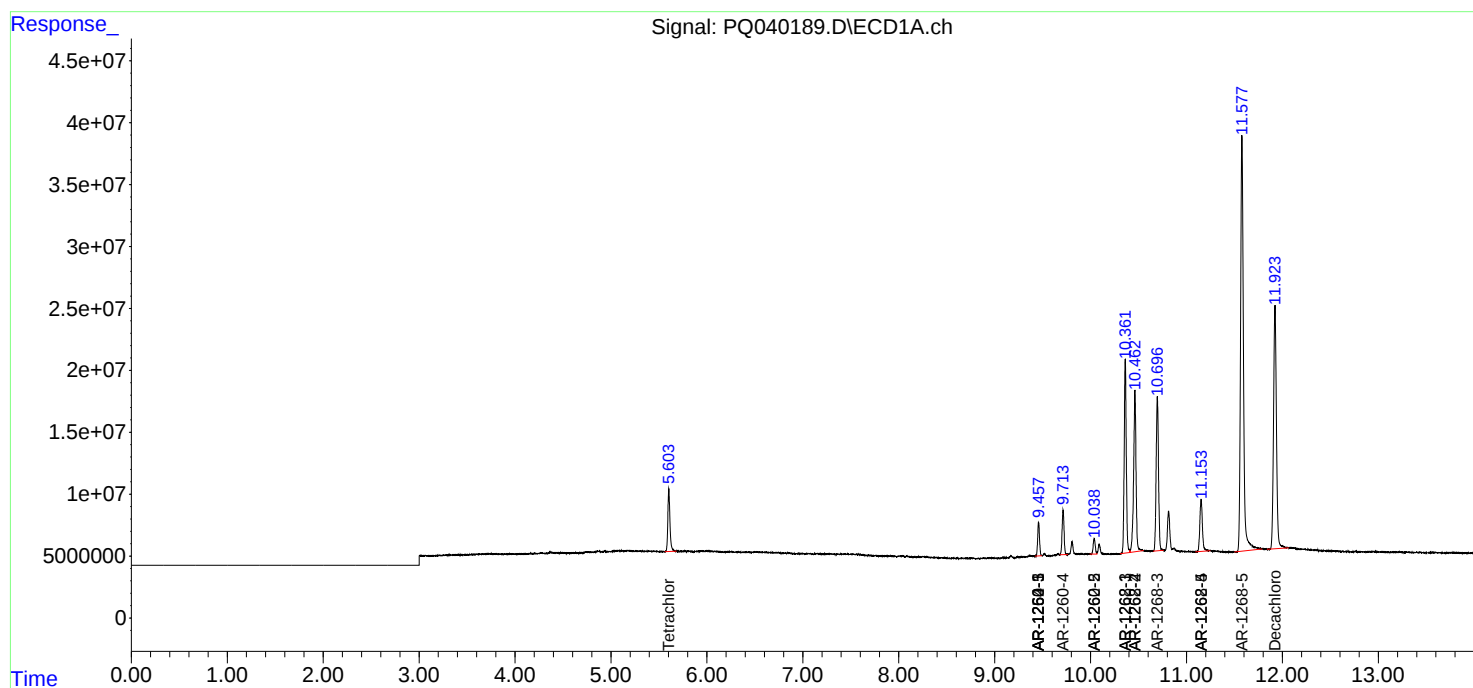
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

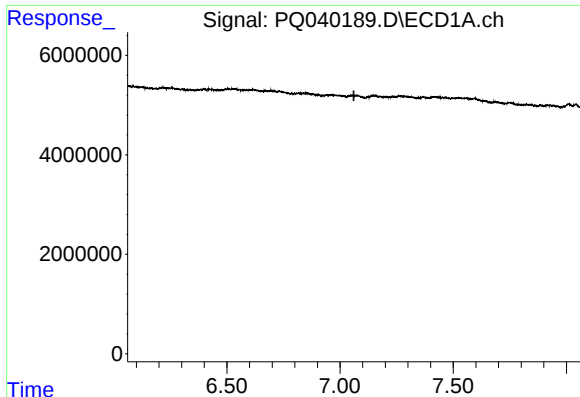
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
Data File : PQ040189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2019 14:51
Operator : SM\AJ
Sample : AR1268CCC400
Misc :
ALS Vial : 145 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :
AR1268336

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 00:08:36 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

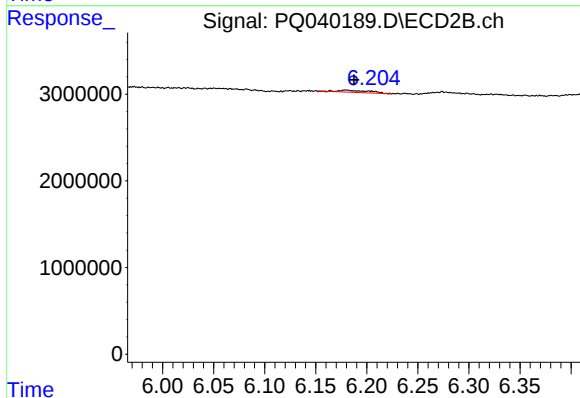




#3 AR-1016-1

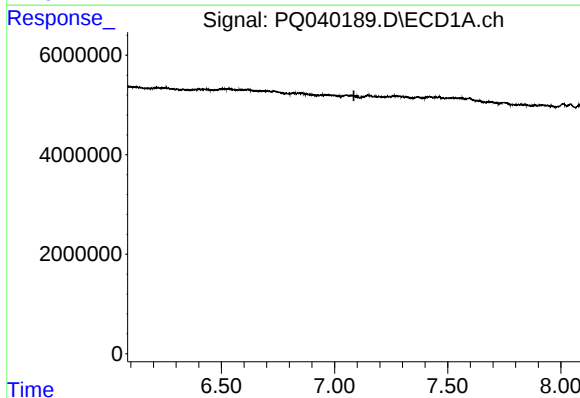
R.T.: 0.000 min
Exp R.T.: 7.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



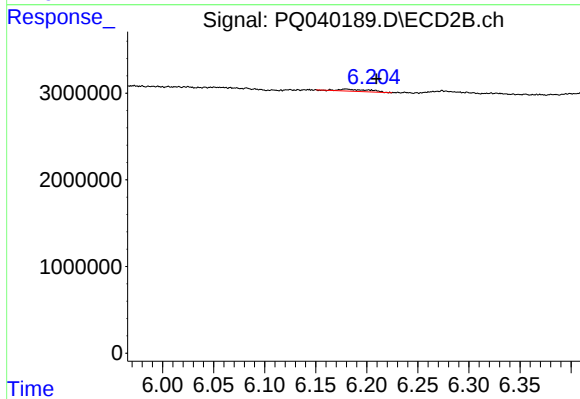
#3 AR-1016-1

R.T.: 6.179 min
Delta R.T.: -0.008 min
Response: 519009
Conc: 4.05 ng/ml



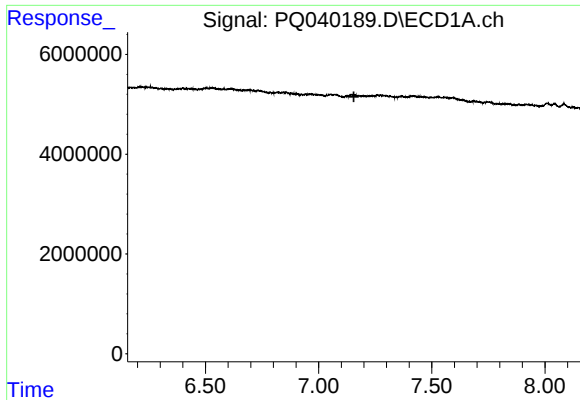
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.



#4 AR-1016-2

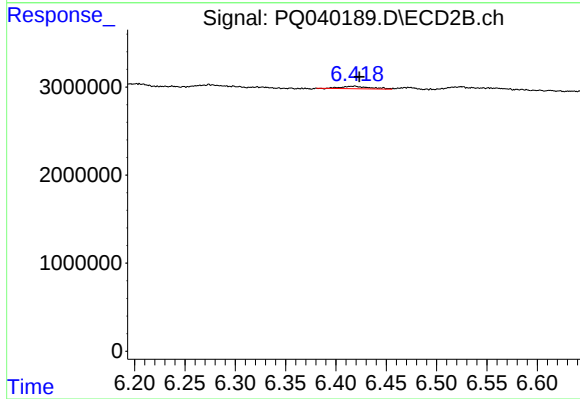
R.T.: 6.179 min
Delta R.T.: -0.030 min
Response: 519009
Conc: 2.69 ng/ml



#5 AR-1016-3

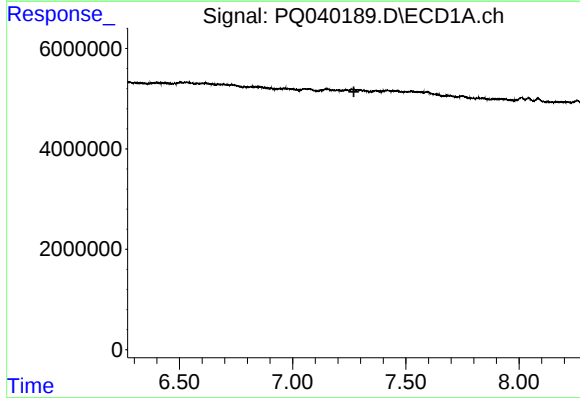
R.T.: 0.000 min
Exp R.T.: 7.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



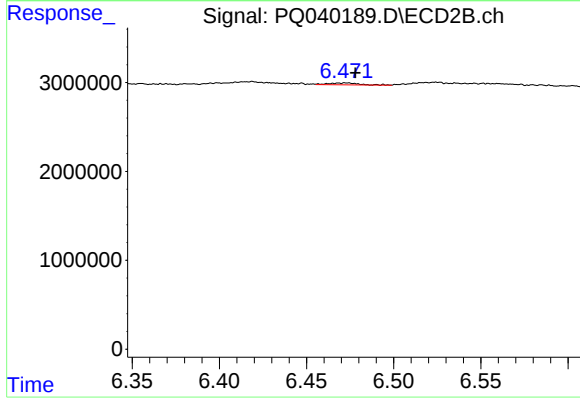
#5 AR-1016-3

R.T.: 6.419 min
Delta R.T.: -0.005 min
Response: 516381
Conc: 4.79 ng/ml



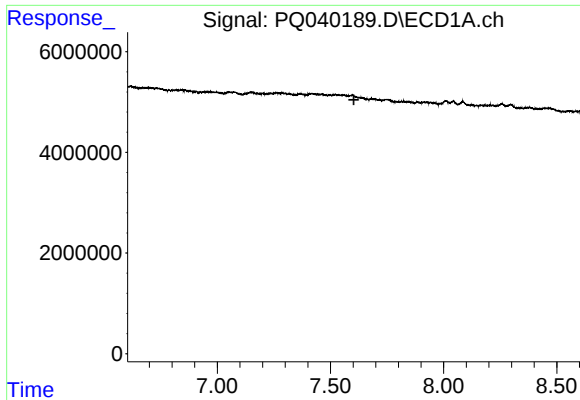
#6 AR-1016-4

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



#6 AR-1016-4

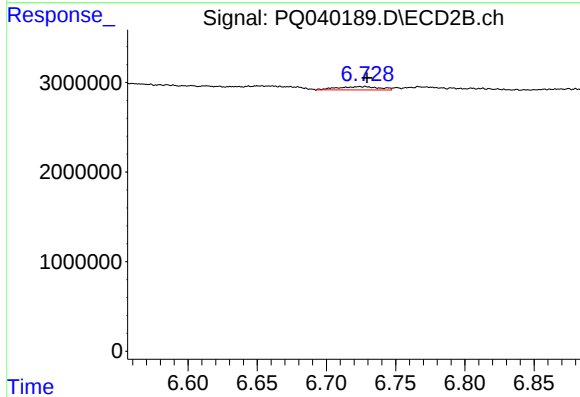
R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 253897
Conc: 2.98 ng/ml



#7 AR-1016-5

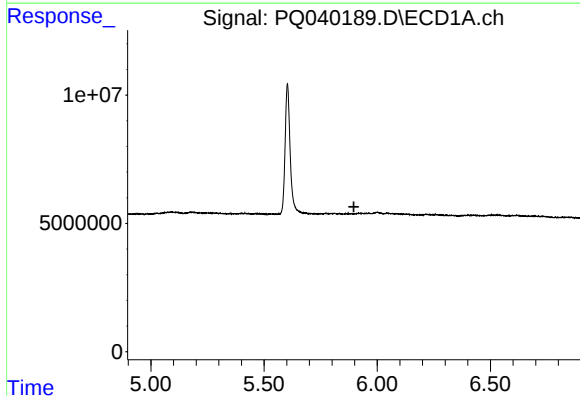
R.T.: 0.000 min
Exp R.T.: 7.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



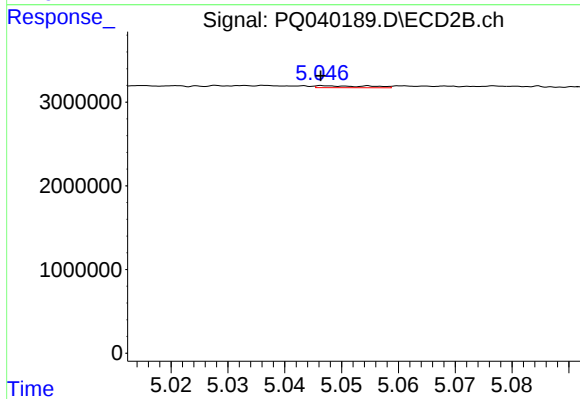
#7 AR-1016-5

R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 756045
Conc: 6.57 ng/ml



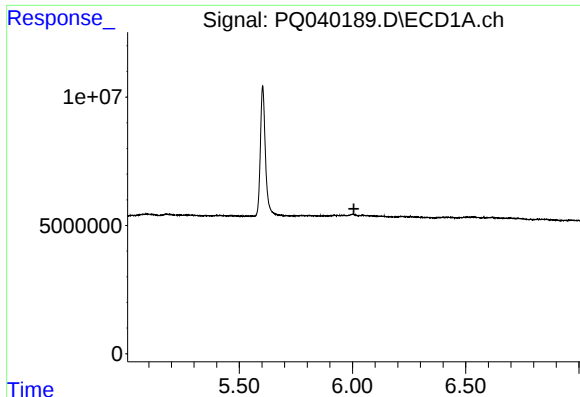
#8 AR-1221-1

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



#8 AR-1221-1

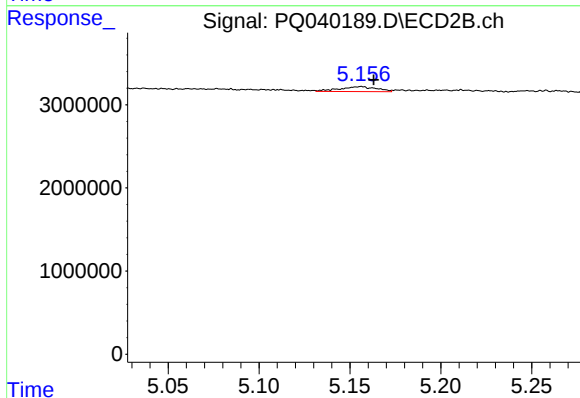
R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 150081
Conc: 6.12 ng/ml



#9 AR-1221-2

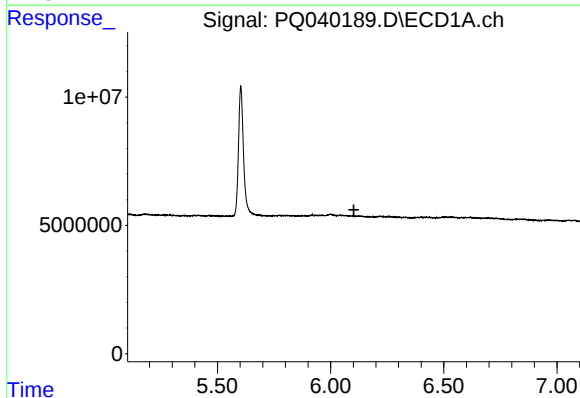
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



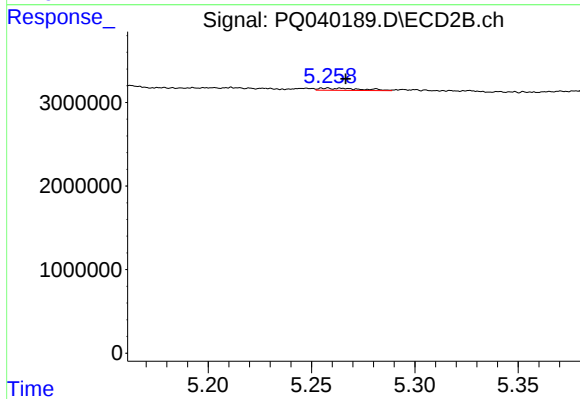
#9 AR-1221-2

R.T.: 5.156 min
Delta R.T.: -0.007 min
Response: 843625
Conc: 51.80 ng/ml



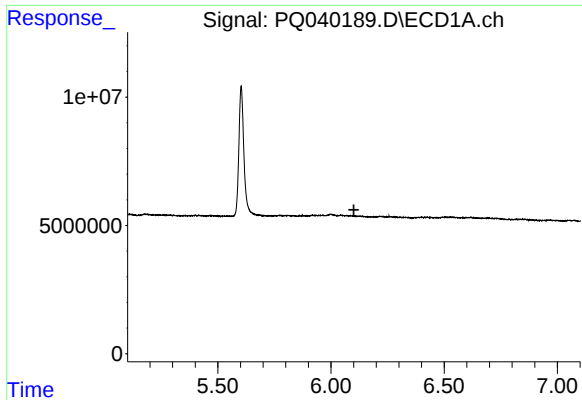
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

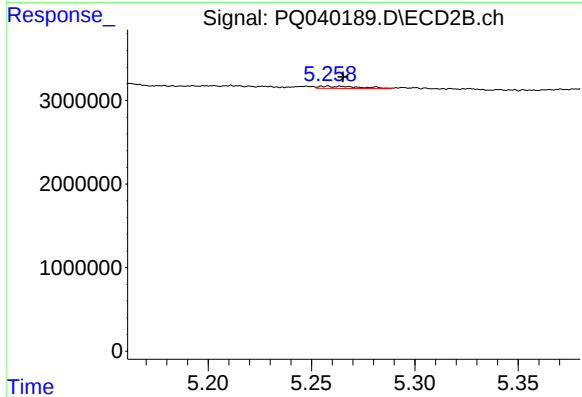
R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 366719
Conc: 6.03 ng/ml



#11 AR-1232-1

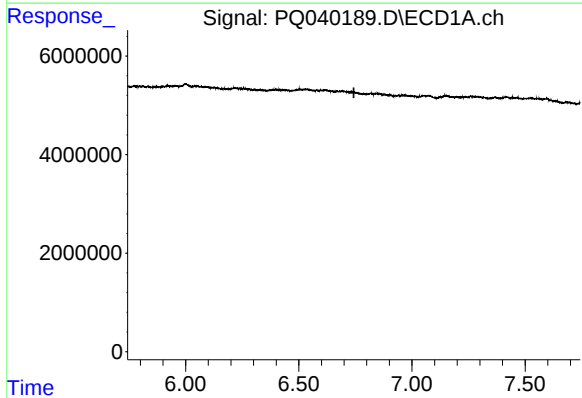
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



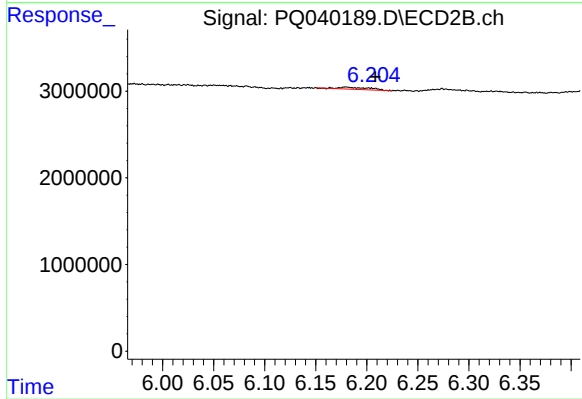
#11 AR-1232-1

R.T.: 5.264 min
Delta R.T.: -0.001 min
Response: 366719
Conc: 8.00 ng/ml



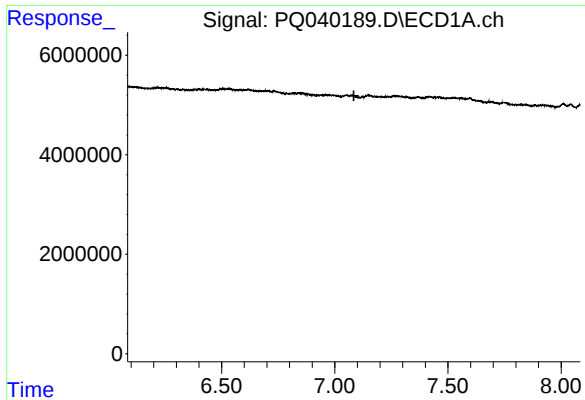
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

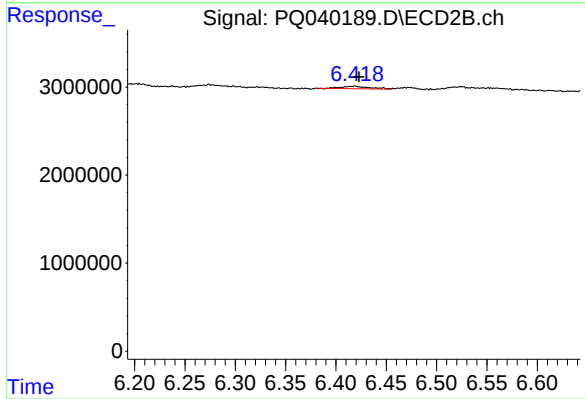
R.T.: 6.179 min
Delta R.T.: -0.029 min
Response: 519009
Conc: 8.65 ng/ml



#13 AR-1232-3

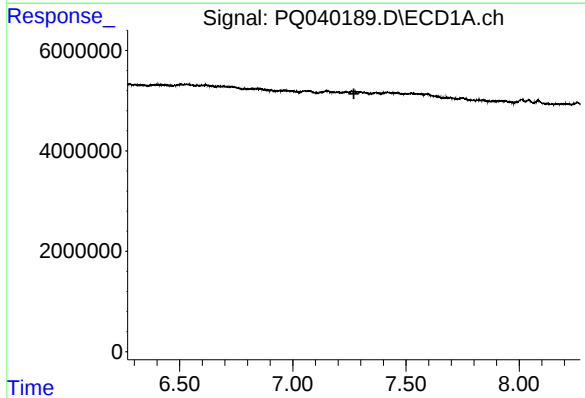
R.T.: 0.000 min
Exp R.T.: 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



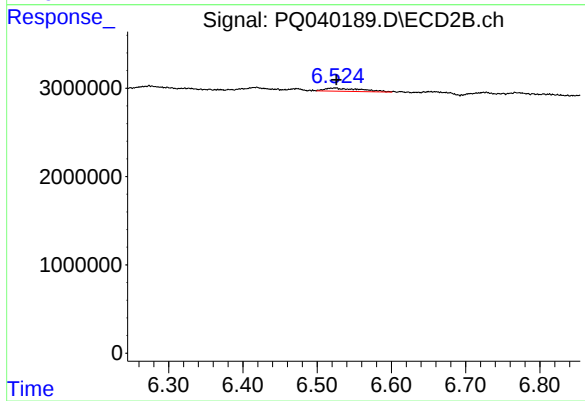
#13 AR-1232-3

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 516381
Conc: 14.68 ng/ml



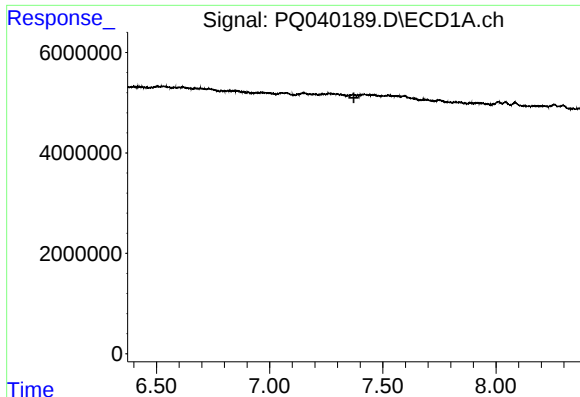
#14 AR-1232-4

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



#14 AR-1232-4

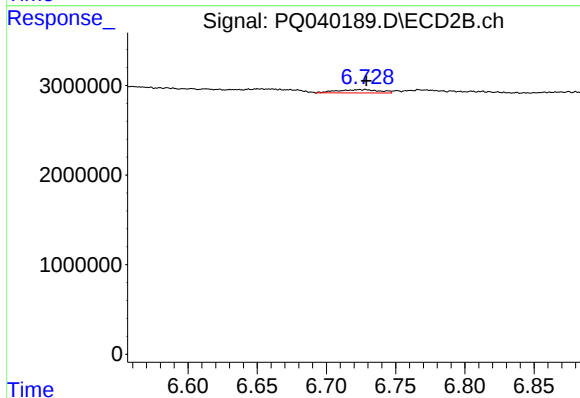
R.T.: 6.525 min
Delta R.T.: -0.001 min
Response: 1235919
Conc: 41.83 ng/ml



#15 AR-1232-5

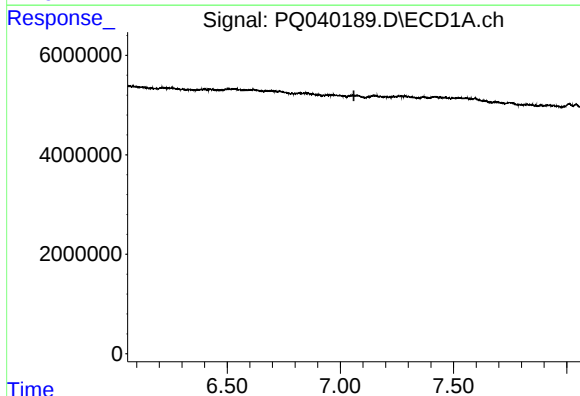
R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



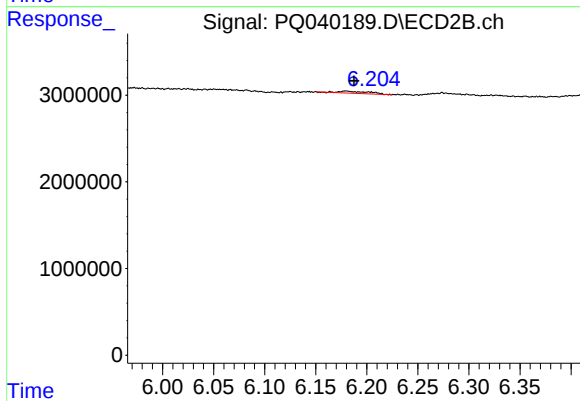
#15 AR-1232-5

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 756045
Conc: 25.11 ng/ml



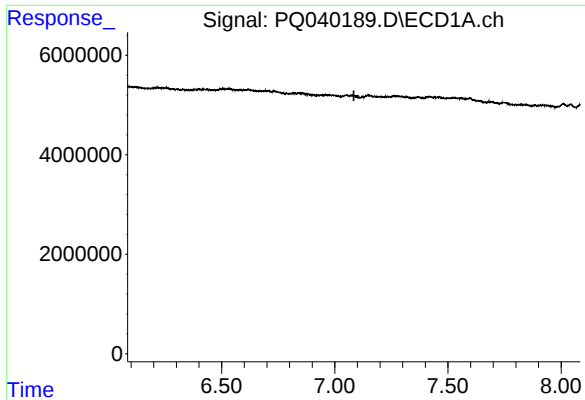
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 7.060 min
Response: 0
Conc: N.D.



#16 AR-1242-1

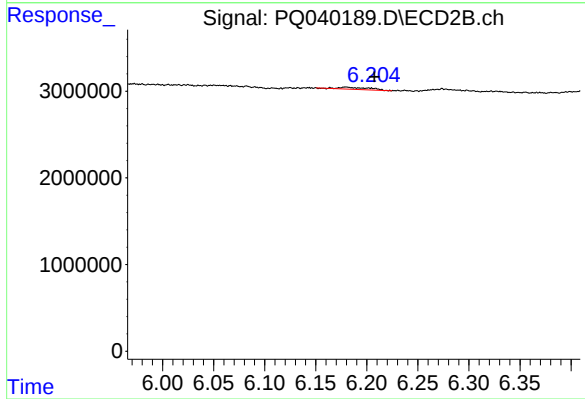
R.T.: 6.179 min
Delta R.T.: -0.008 min
Response: 519009
Conc: 7.02 ng/ml



#17 AR-1242-2

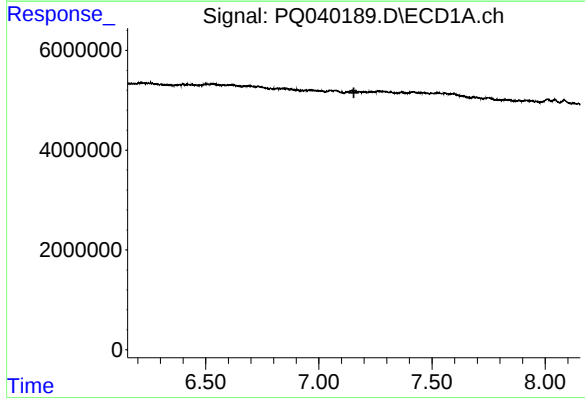
R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



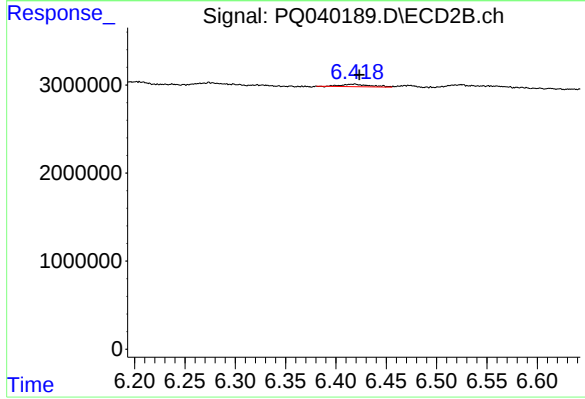
#17 AR-1242-2

R.T.: 6.179 min
Delta R.T.: -0.028 min
Response: 519009
Conc: 4.88 ng/ml



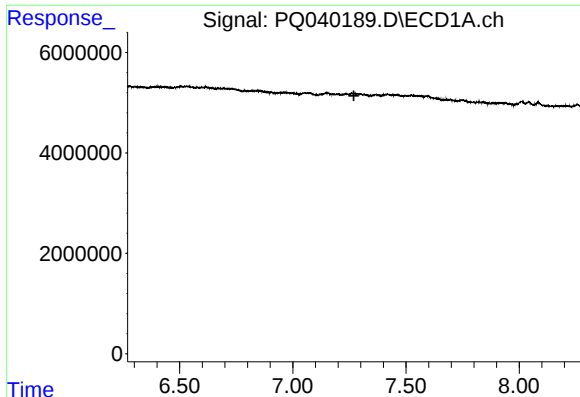
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 7.155 min
Response: 0
Conc: N.D.



#18 AR-1242-3

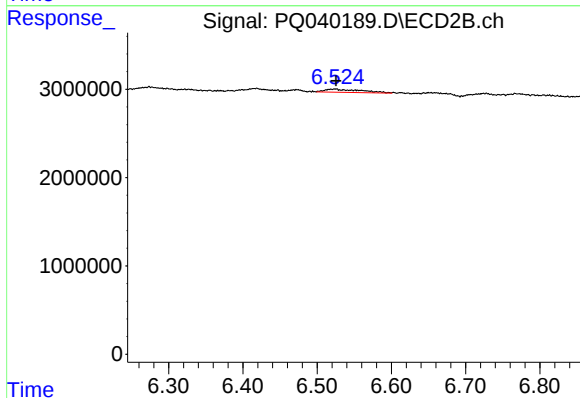
R.T.: 6.419 min
Delta R.T.: -0.005 min
Response: 516381
Conc: 8.56 ng/ml



#19 AR-1242-4

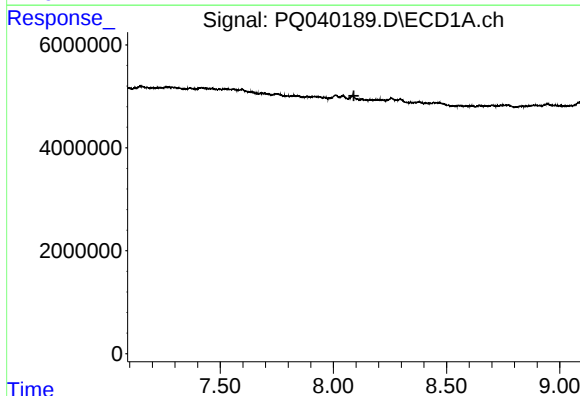
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



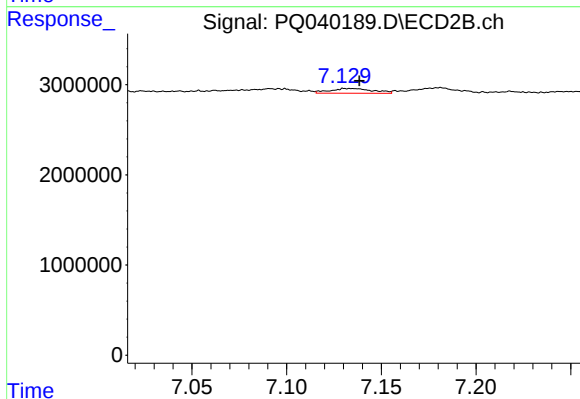
#19 AR-1242-4

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 1235919
Conc: 20.74 ng/ml



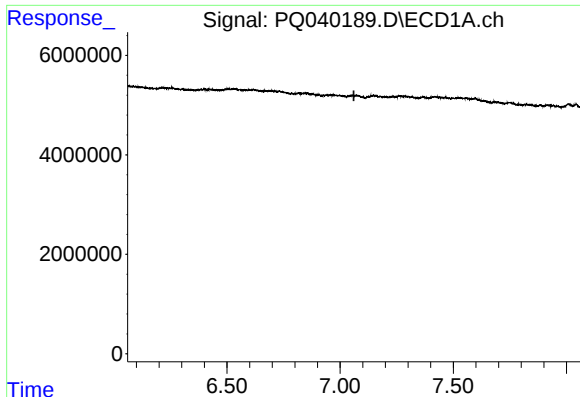
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 8.090 min
Response: 0
Conc: N.D.



#20 AR-1242-5

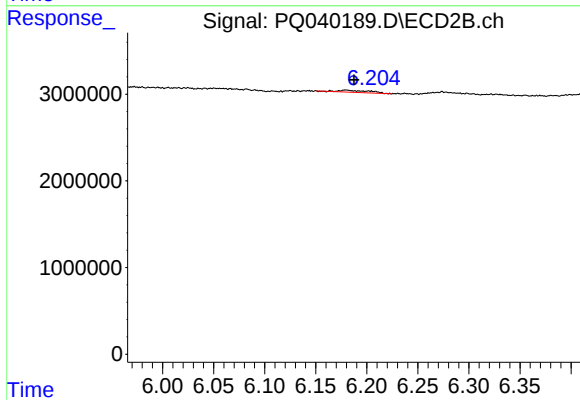
R.T.: 7.133 min
Delta R.T.: -0.006 min
Response: 823576
Conc: 10.22 ng/ml



#21 AR-1248-1

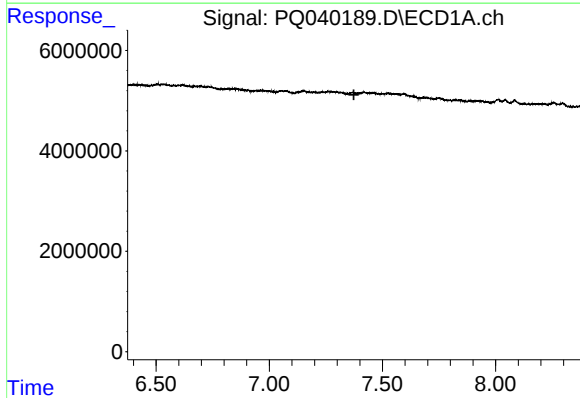
R.T.: 0.000 min
Exp R.T.: 7.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



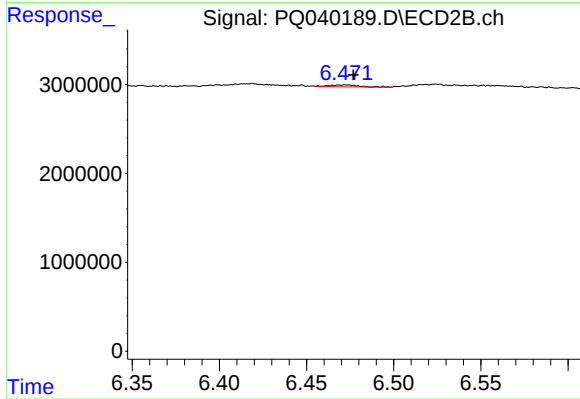
#21 AR-1248-1

R.T.: 6.179 min
Delta R.T.: -0.008 min
Response: 519009
Conc: 9.01 ng/ml



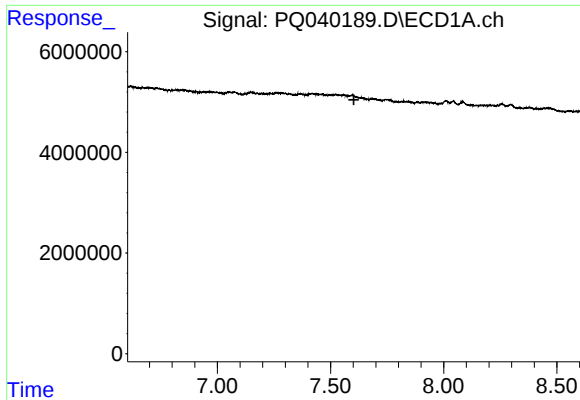
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 7.374 min
Response: 0
Conc: N.D.



#22 AR-1248-2

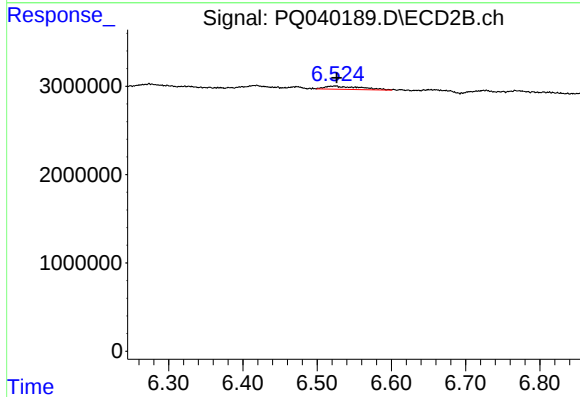
R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 253897
Conc: 2.89 ng/ml



#23 AR-1248-3

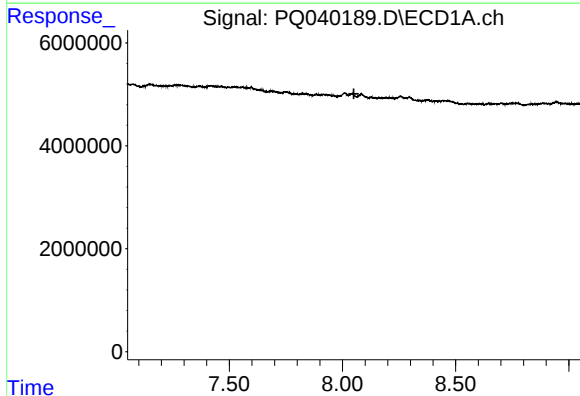
R.T.: 0.000 min
Exp R.T.: 7.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



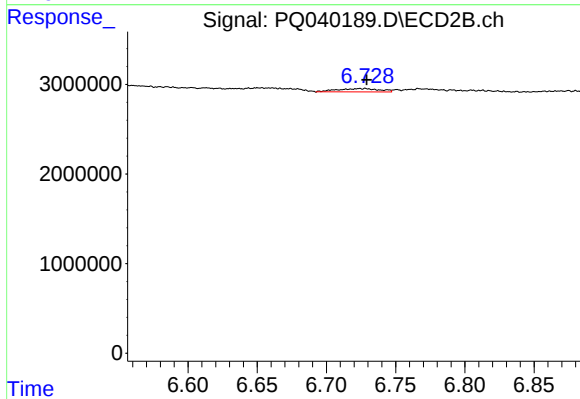
#23 AR-1248-3

R.T.: 6.525 min
Delta R.T.: -0.001 min
Response: 1235919
Conc: 13.66 ng/ml



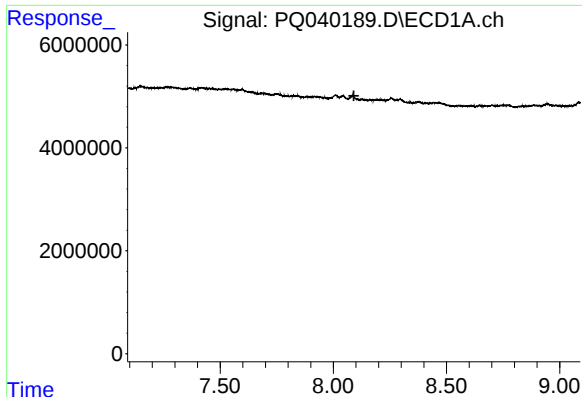
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 8.050 min
Response: 0
Conc: N.D.



#24 AR-1248-4

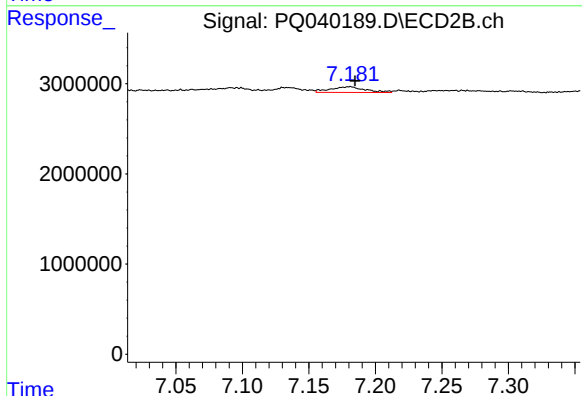
R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 756045
Conc: 6.85 ng/ml



#25 AR-1248-5

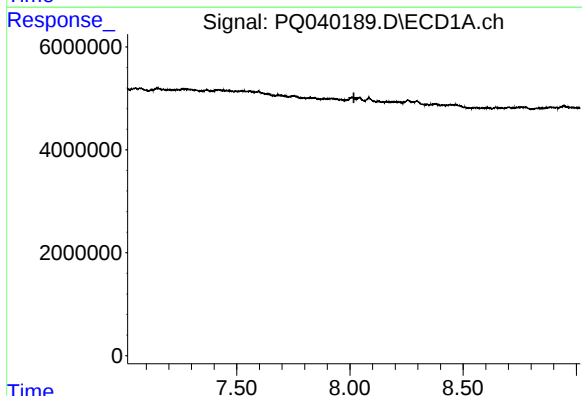
R.T.: 0.000 min
Exp R.T.: 8.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



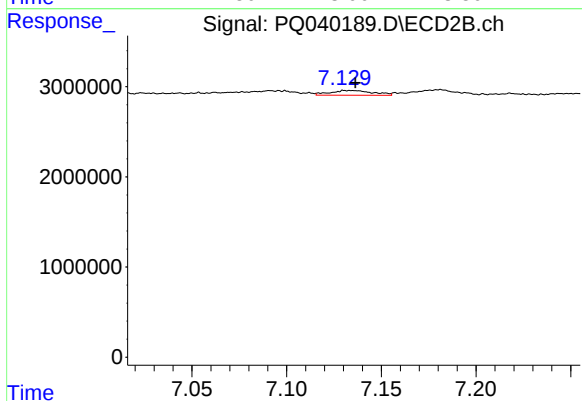
#25 AR-1248-5

R.T.: 7.181 min
Delta R.T.: -0.004 min
Response: 1134592
Conc: 9.99 ng/ml



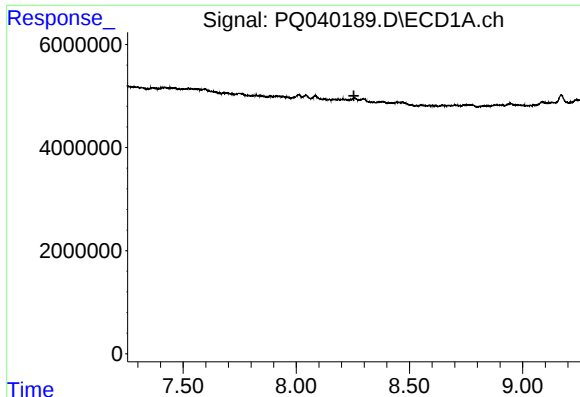
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 8.017 min
Response: 0
Conc: N.D.



#26 AR-1254-1

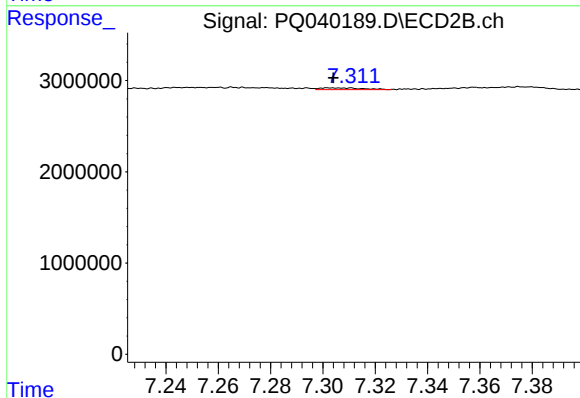
R.T.: 7.133 min
Delta R.T.: -0.004 min
Response: 823576
Conc: 4.30 ng/ml



#27 AR-1254-2

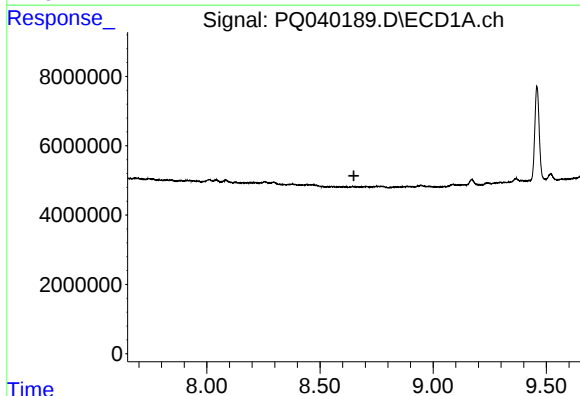
R.T.: 0.000 min
Exp R.T.: 8.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



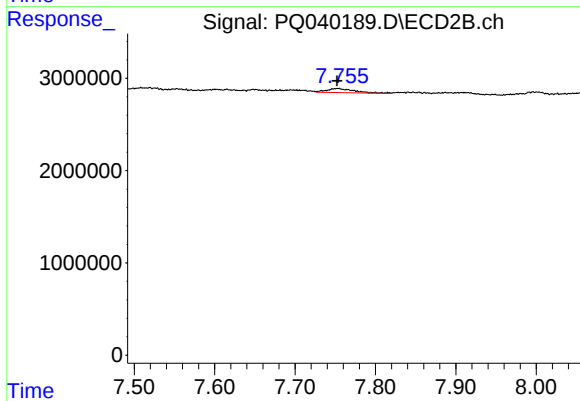
#27 AR-1254-2

R.T.: 7.303 min
Delta R.T.: -0.001 min
Response: 210679
Conc: 1.21 ng/ml



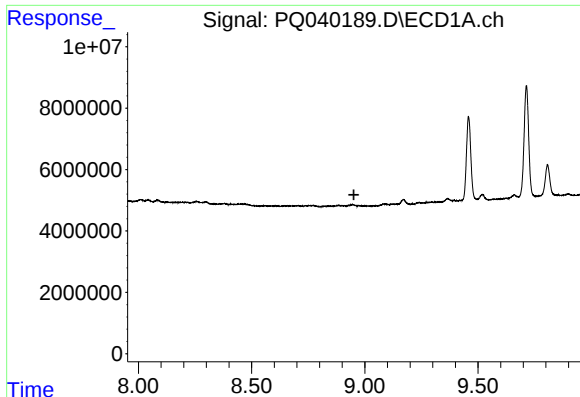
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 8.650 min
Response: 0
Conc: N.D.



#28 AR-1254-3

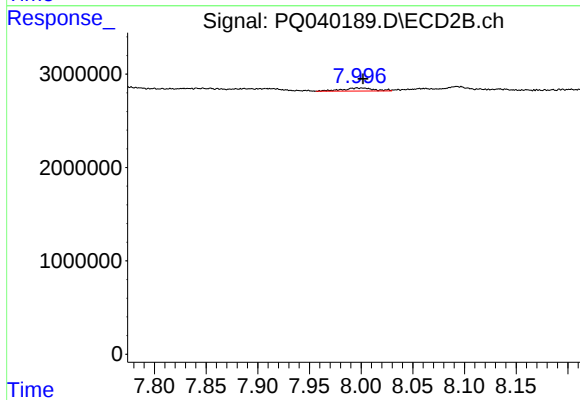
R.T.: 7.753 min
Delta R.T.: 0.002 min
Response: 1085989
Conc: 3.76 ng/ml



#29 AR-1254-4

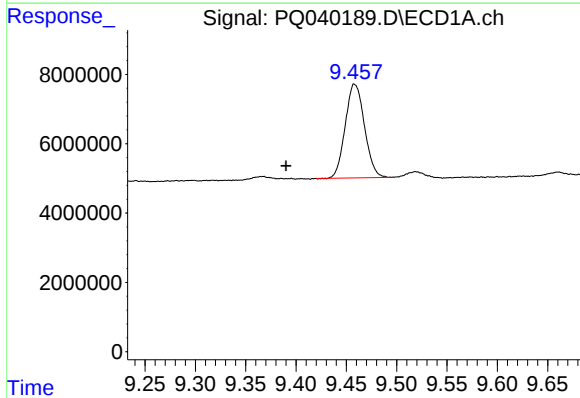
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



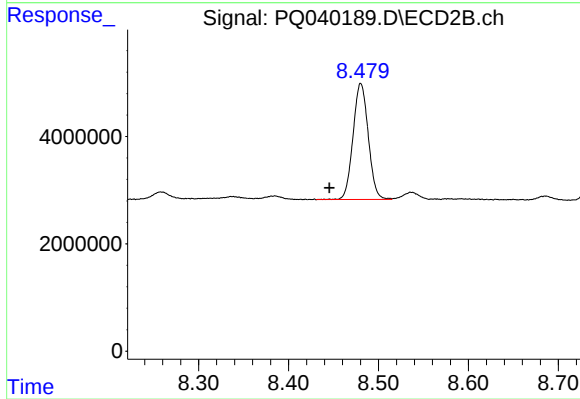
#29 AR-1254-4

R.T.: 8.000 min
Delta R.T.: -0.002 min
Response: 695628
Conc: 3.90 ng/ml



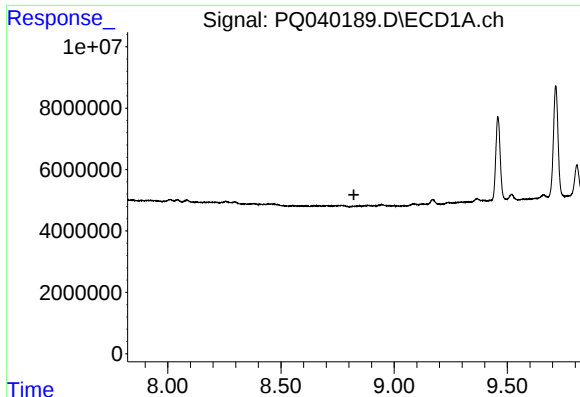
#30 AR-1254-5

R.T.: 9.458 min
Delta R.T.: 0.068 min
Response: 35965951
Conc: 124.88 ng/ml



#30 AR-1254-5

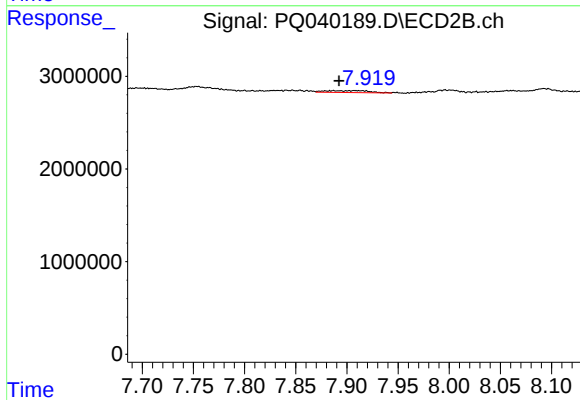
R.T.: 8.480 min
Delta R.T.: 0.035 min
Response: 25519079
Conc: 99.05 ng/ml



#31 AR-1260-1

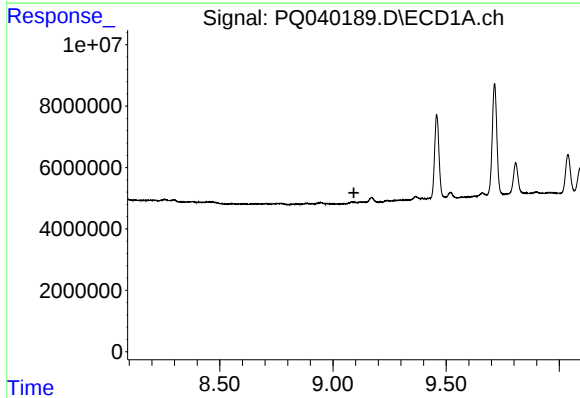
R.T.: 0.000 min
Exp R.T.: 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1268336



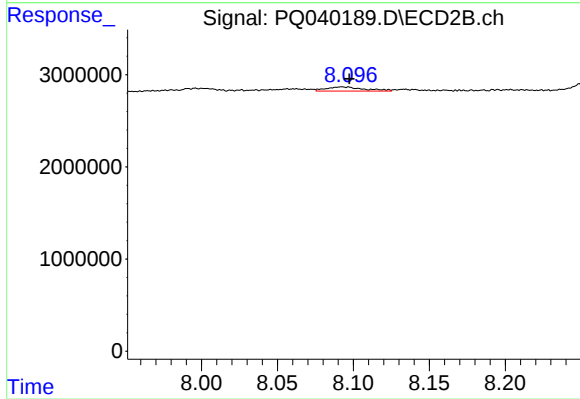
#31 AR-1260-1

R.T.: 7.887 min
Delta R.T.: -0.006 min
Response: 595741
Conc: 2.17 ng/ml



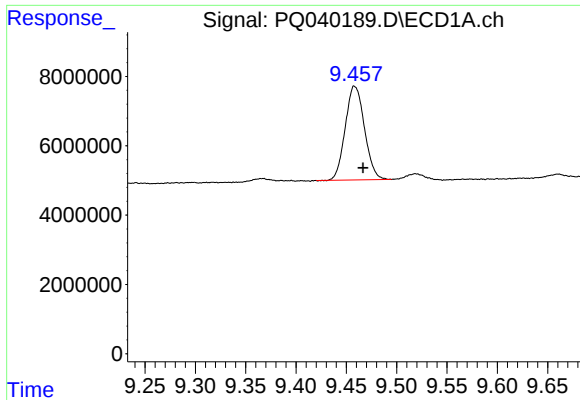
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

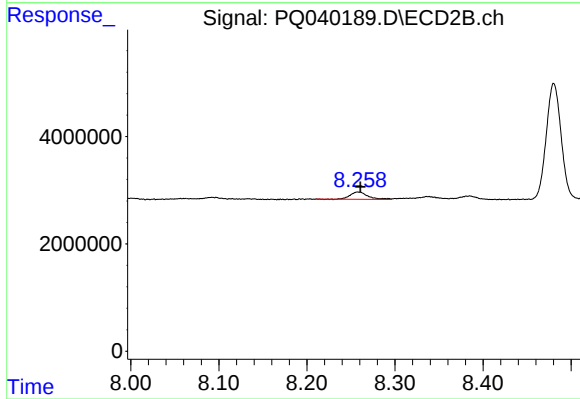
R.T.: 8.093 min
Delta R.T.: -0.004 min
Response: 795353
Conc: 2.30 ng/ml



#33 AR-1260-3

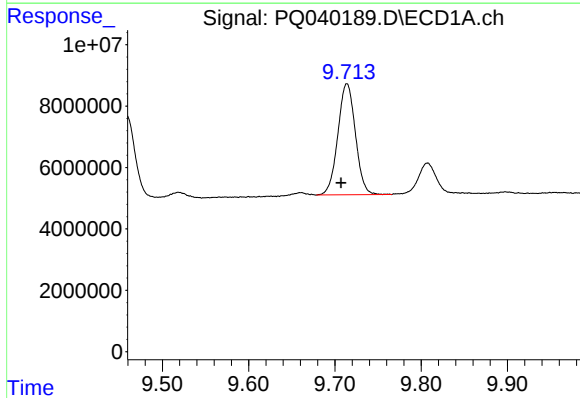
R.T.: 9.458 min
Delta R.T.: -0.008 min
Response: 35965951
Conc: 109.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268336



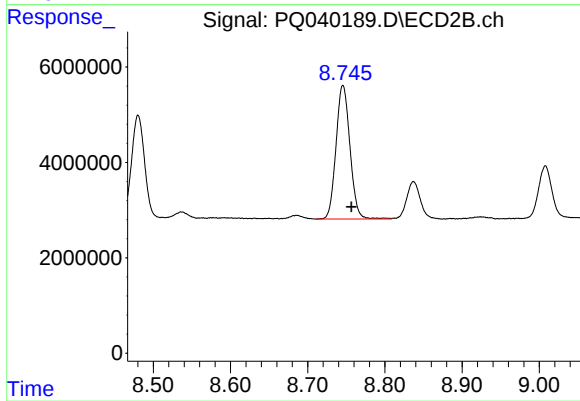
#33 AR-1260-3

R.T.: 8.258 min
Delta R.T.: -0.002 min
Response: 1900444
Conc: 5.93 ng/ml



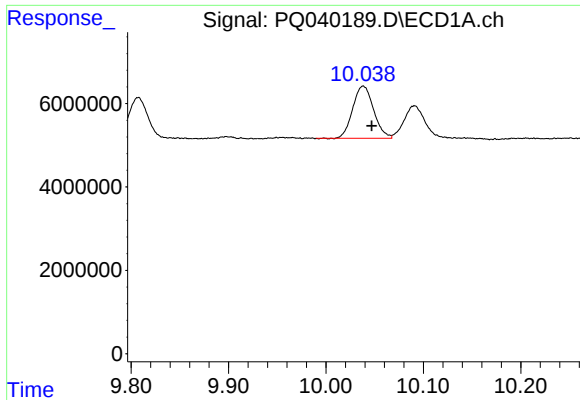
#34 AR-1260-4

R.T.: 9.714 min
Delta R.T.: 0.007 min
Response: 51258734
Conc: 139.09 ng/ml



#34 AR-1260-4

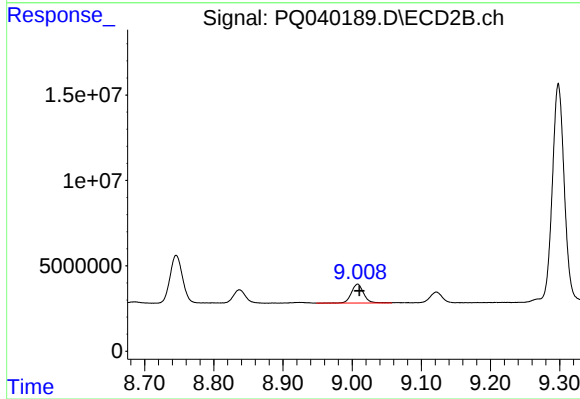
R.T.: 8.746 min
Delta R.T.: -0.011 min
Response: 35244174
Conc: 129.71 ng/ml



#35 AR-1260-5

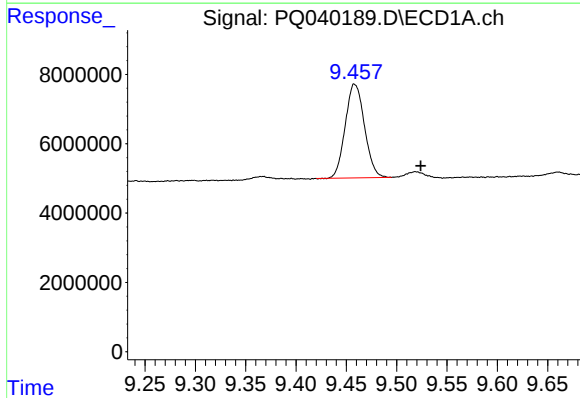
R.T.: 10.038 min
Delta R.T.: -0.009 min
Response: 18703813
Conc: 24.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268336



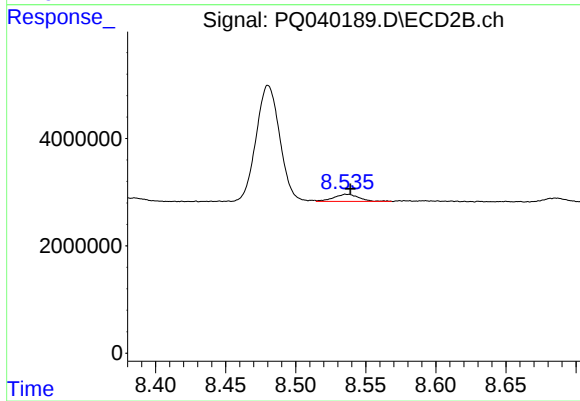
#35 AR-1260-5

R.T.: 9.008 min
Delta R.T.: -0.003 min
Response: 13595238
Conc: 20.23 ng/ml



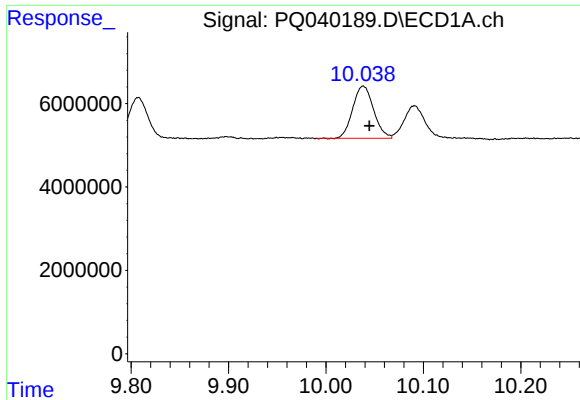
#36 AR-1262-1

R.T.: 9.458 min
Delta R.T.: -0.066 min
Response: 35965951
Conc: 258.72 ng/ml



#36 AR-1262-1

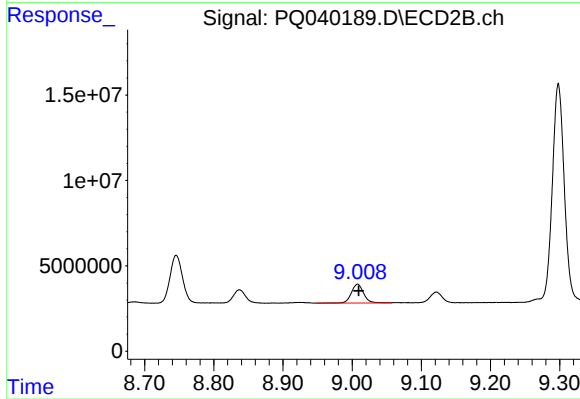
R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 1655359
Conc: 14.58 ng/ml



#37 AR-1262-2

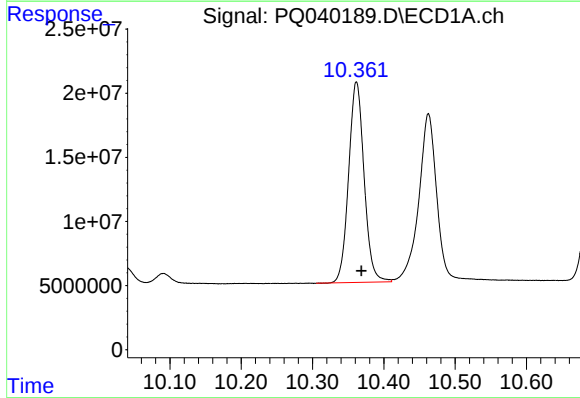
R.T.: 10.038 min
Delta R.T.: -0.006 min
Response: 18703813
Conc: 32.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268336



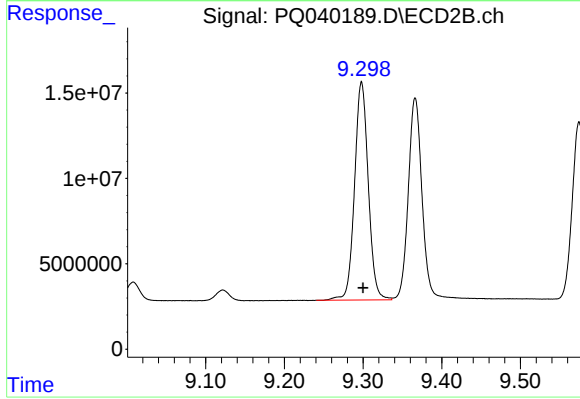
#37 AR-1262-2

R.T.: 9.008 min
Delta R.T.: -0.002 min
Response: 13595238
Conc: 27.40 ng/ml



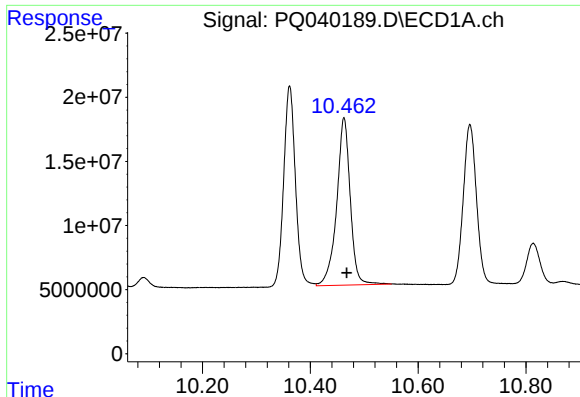
#38 AR-1262-3

R.T.: 10.362 min
Delta R.T.: -0.007 min
Response: 235647003
Conc: 557.33 ng/ml



#38 AR-1262-3

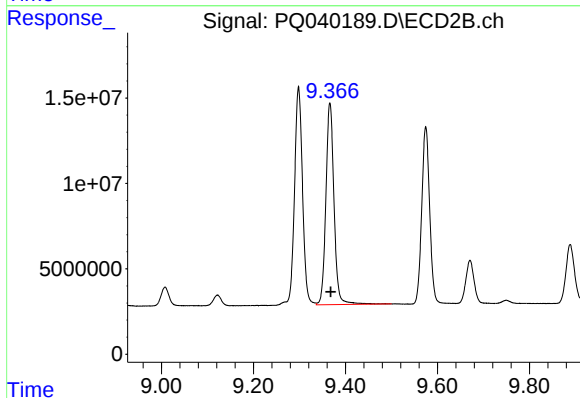
R.T.: 9.298 min
Delta R.T.: -0.002 min
Response: 154362971
Conc: 734.18 ng/ml



#39 AR-1262-4

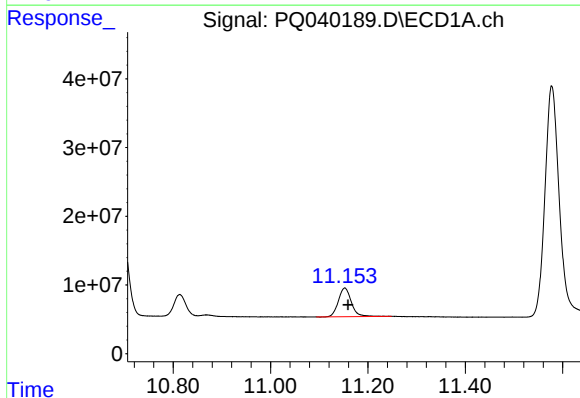
R.T.: 10.463 min
Delta R.T.: -0.005 min
Response: 228310803
Conc: 604.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268336



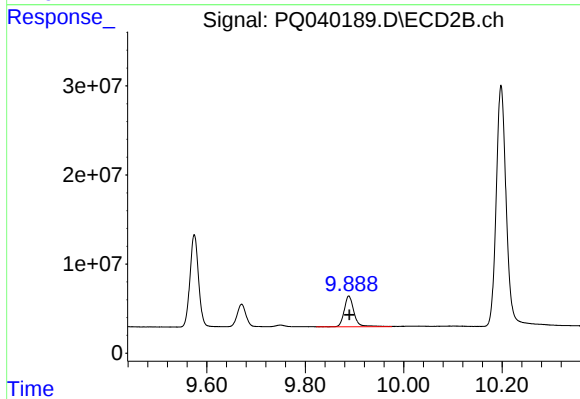
#39 AR-1262-4

R.T.: 9.366 min
Delta R.T.: -0.002 min
Response: 144519705
Conc: 381.70 ng/ml



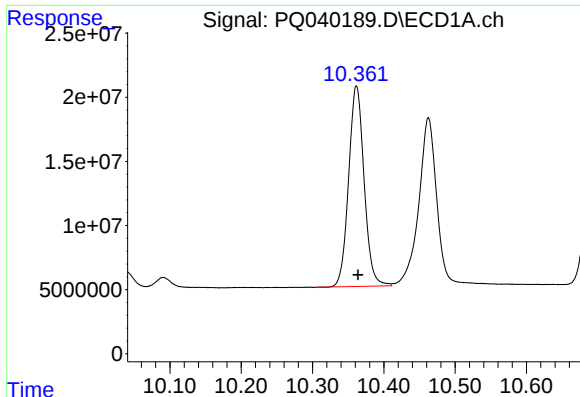
#40 AR-1262-5

R.T.: 11.153 min
Delta R.T.: -0.007 min
Response: 77852208
Conc: 331.34 ng/ml



#40 AR-1262-5

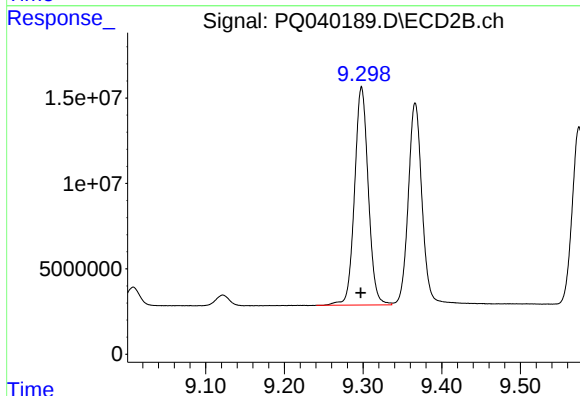
R.T.: 9.889 min
Delta R.T.: -0.001 min
Response: 47403061
Conc: 292.37 ng/ml



#41 AR-1268-1

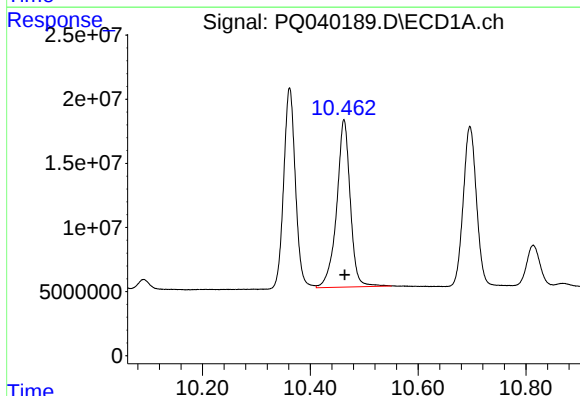
R.T.: 10.362 min
Delta R.T.: -0.002 min
Response: 235647003
Conc: 391.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268336



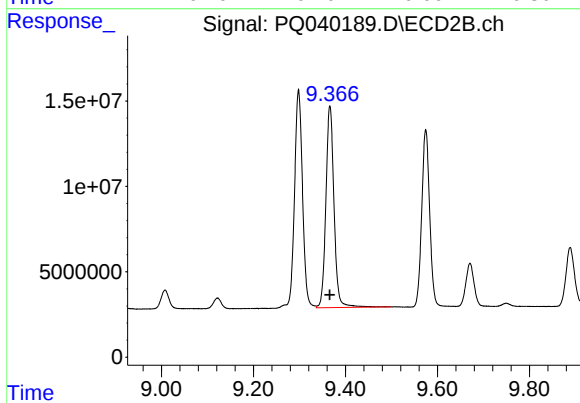
#41 AR-1268-1

R.T.: 9.298 min
Delta R.T.: 0.001 min
Response: 154362971
Conc: 338.26 ng/ml



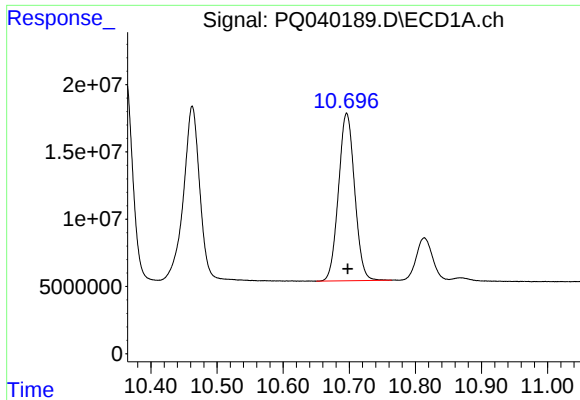
#42 AR-1268-2

R.T.: 10.463 min
Delta R.T.: -0.001 min
Response: 228310803
Conc: 371.05 ng/ml



#42 AR-1268-2

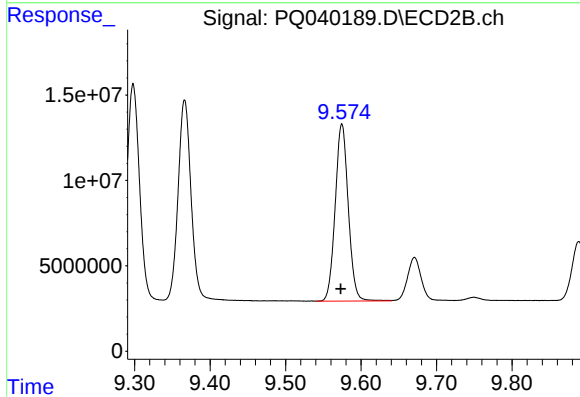
R.T.: 9.366 min
Delta R.T.: 0.000 min
Response: 144519705
Conc: 330.57 ng/ml



#43 AR-1268-3

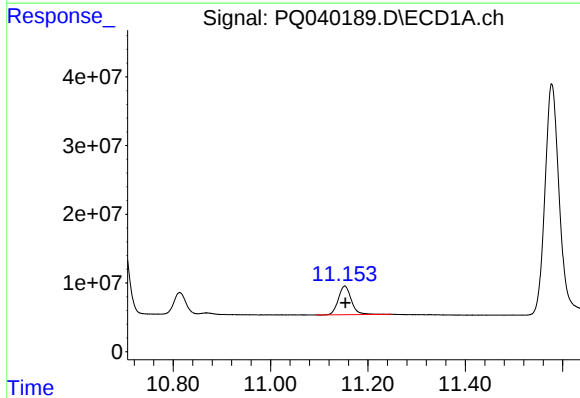
R.T.: 10.696 min
Delta R.T.: -0.002 min
Response: 211056463
Conc: 388.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268336



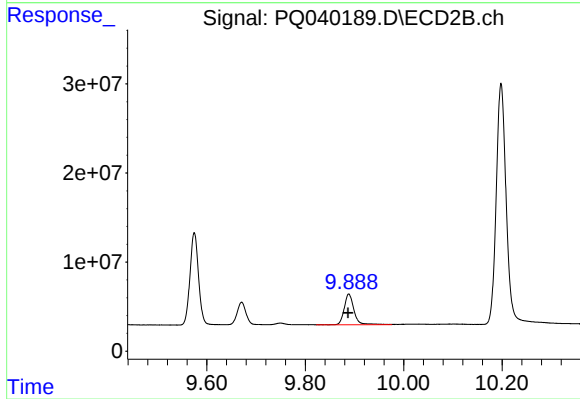
#43 AR-1268-3

R.T.: 9.575 min
Delta R.T.: 0.002 min
Response: 124878941
Conc: 332.65 ng/ml



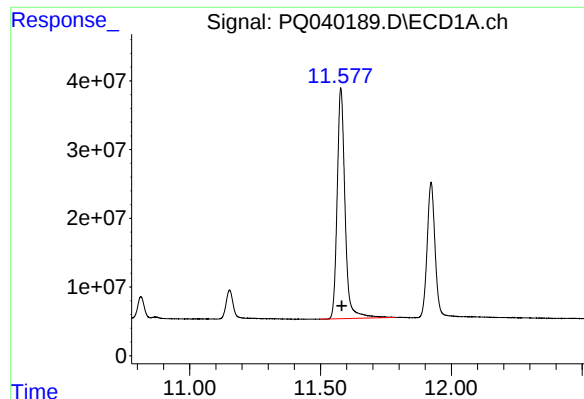
#44 AR-1268-4

R.T.: 11.153 min
Delta R.T.: 0.000 min
Response: 77852208
Conc: 381.70 ng/ml



#44 AR-1268-4

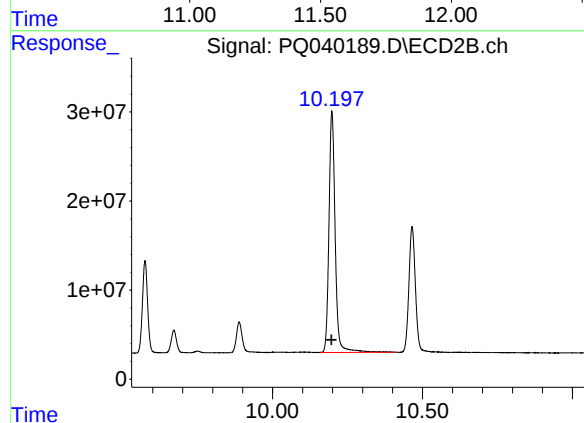
R.T.: 9.889 min
Delta R.T.: 0.002 min
Response: 47403061
Conc: 344.04 ng/ml



#45 AR-1268-5

R.T.: 11.578 min
Delta R.T.: -0.004 min
Response: 703667185
Conc: 380.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268336



#45 AR-1268-5

R.T.: 10.198 min
Delta R.T.: 0.002 min
Response: 389518925
Conc: 330.04 ng/ml