

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 19:22
 Operator : SM\AJ
 Sample : K3102-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:36:16 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...	5.585	4.725	59436362	44595187	18.143	20.763
2)	SA Decachlor...	11.881	10.443	211.2E6	126.7E6	29.559	30.476
Target Compounds							
3)	L1 AR-1016-1	7.057	6.168	1316508	449883	7.870	3.507 #
4)	L1 AR-1016-2	7.089	6.191	388785	705033	1.479	3.653 #
5)	L1 AR-1016-3	7.129	6.403	382235	725414	2.240	6.726 #
6)	L1 AR-1016-4	0.000	6.458	0	2490926	N.D.	29.254 #
7)	L1 AR-1016-5	7.621	6.710	762758	1914379	5.498	16.627 #
9)	L2 AR-1221-2	0.000	5.173	0	1237324	N.D.	75.967 #
10)	L2 AR-1221-3	6.097	5.251	1522318	733687	17.232	12.066 #
11)	L3 AR-1232-1	6.097	5.251	1522318	733687	23.504	16.011 #
12)	L3 AR-1232-2	6.702	6.191	1292126	705033	32.590	11.753 #
13)	L3 AR-1232-3	7.089	6.403	388785	725414	4.811	20.627 #
14)	L3 AR-1232-4	0.000	6.541	0	1026362	N.D.	34.735 #
15)	L3 AR-1232-5	7.393	6.710	1355286	1914379	42.764	63.591 #
16)	L4 AR-1242-1	7.057	6.168	1316508	449883	13.578	6.084 #
17)	L4 AR-1242-2	7.089	6.191	388785	705033	2.690	6.623 #
18)	L4 AR-1242-3	7.129	6.403	382235	725414	4.106	12.025 #
19)	L4 AR-1242-4	0.000	6.541	0	1026362	N.D.	17.221 #
20)	L4 AR-1242-5	8.062	7.118	6961751	7584280	80.303	94.111
21)	L5 AR-1248-1	7.057	6.191	1316508	705033	17.009	12.235 #
22)	L5 AR-1248-2	7.393	6.458	1355286	2490926	12.033	28.332 #
23)	L5 AR-1248-3	7.621	6.541	762758	1026362	5.526	11.343 #
24)	L5 AR-1248-4	8.062	6.710	6961751	1914379	46.114	17.336 #
25)	L5 AR-1248-5	8.062	7.200	6961751	792892	46.240	6.984 #
26)	L6 AR-1254-1	8.021	7.118	8131734	7584280	46.628	39.597
27)	L6 AR-1254-2	8.229	7.315	13130430	5061183	47.479	29.132 #
28)	L6 AR-1254-3	8.623	7.734	11650905	10638089	39.257	36.812
29)	L6 AR-1254-4	8.924	7.983	6685520	6685258	32.168	37.442
30)	L6 AR-1254-5	9.362	8.458	4634120	1603899	16.091	6.226 #
31)	L7 AR-1260-1	8.792	7.872	4394767	5005740	13.221	18.260 #
32)	L7 AR-1260-2	9.110	8.077	4002048	3433644	9.907	9.926
33)	L7 AR-1260-3	0.000	8.239	0	2940534	N.D.	9.169 #
34)	L7 AR-1260-4	9.670	8.736	1255082	1277732	3.406	4.702 #
35)	L7 AR-1260-5	10.012	8.989	2685217	3471463	3.487	5.164 #
36)	L8 AR-1262-1	0.000	8.501	0	1765633	N.D.	15.550 #
37)	L8 AR-1262-2	10.012	8.989	2685217	3471463	4.640	6.997 #
38)	L8 AR-1262-3	10.358	9.280	1808179	356213	4.277	1.694 #
39)	L8 AR-1262-4	0.000	9.348	0	1965392	N.D.	5.191 #
40)	L8 AR-1262-5	0.000	9.871	0	1930392	N.D.	11.906 #
41)	L9 AR-1268-1	10.358	9.280	1808179	356213	3.002	0.781 #
42)	L9 AR-1268-2	0.000	9.348	0	1965392	N.D.	4.496 #

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 Sample : K3102-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	9.557	0	219914	N.D.	0.586 #
44) L9	AR-1268-4	0.000	9.871	0	1930392	N.D.	14.010 #
45) L9	AR-1268-5	11.540	10.177	1517922	1475863	0.821	1.251 #

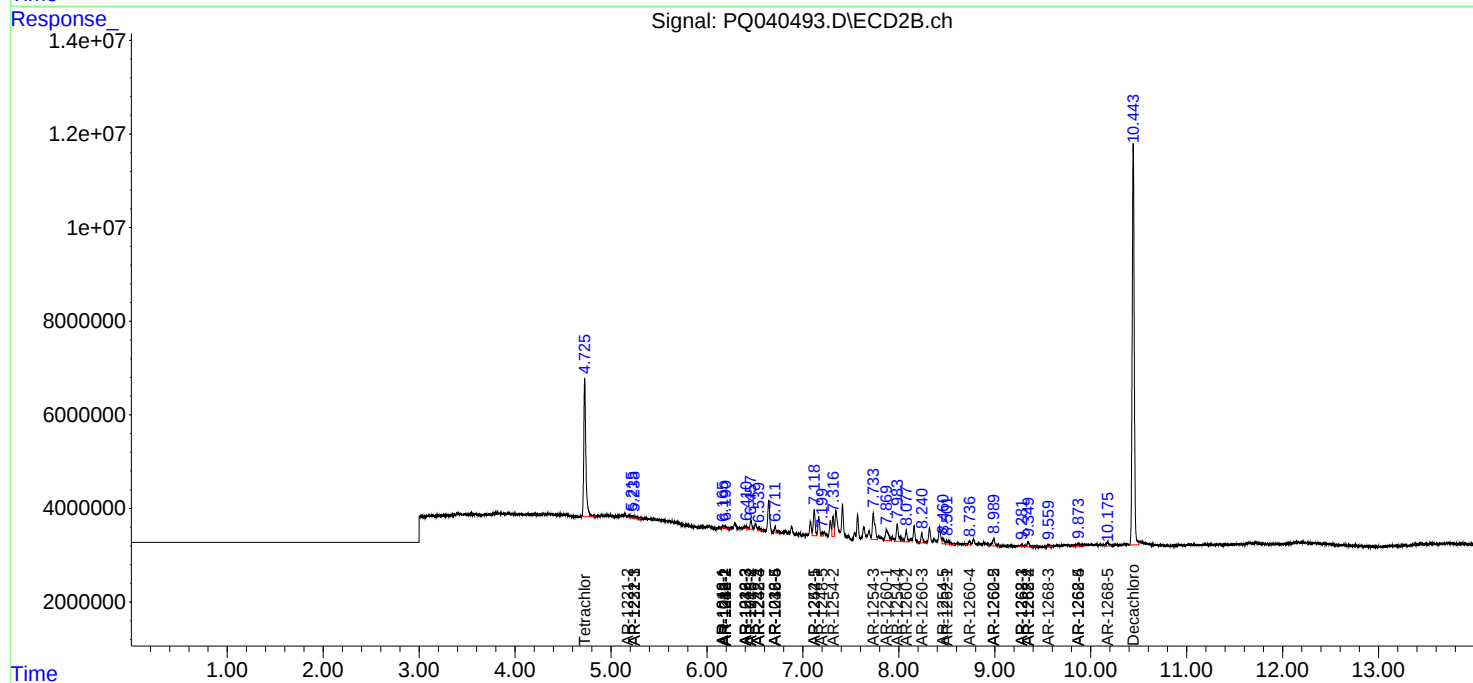
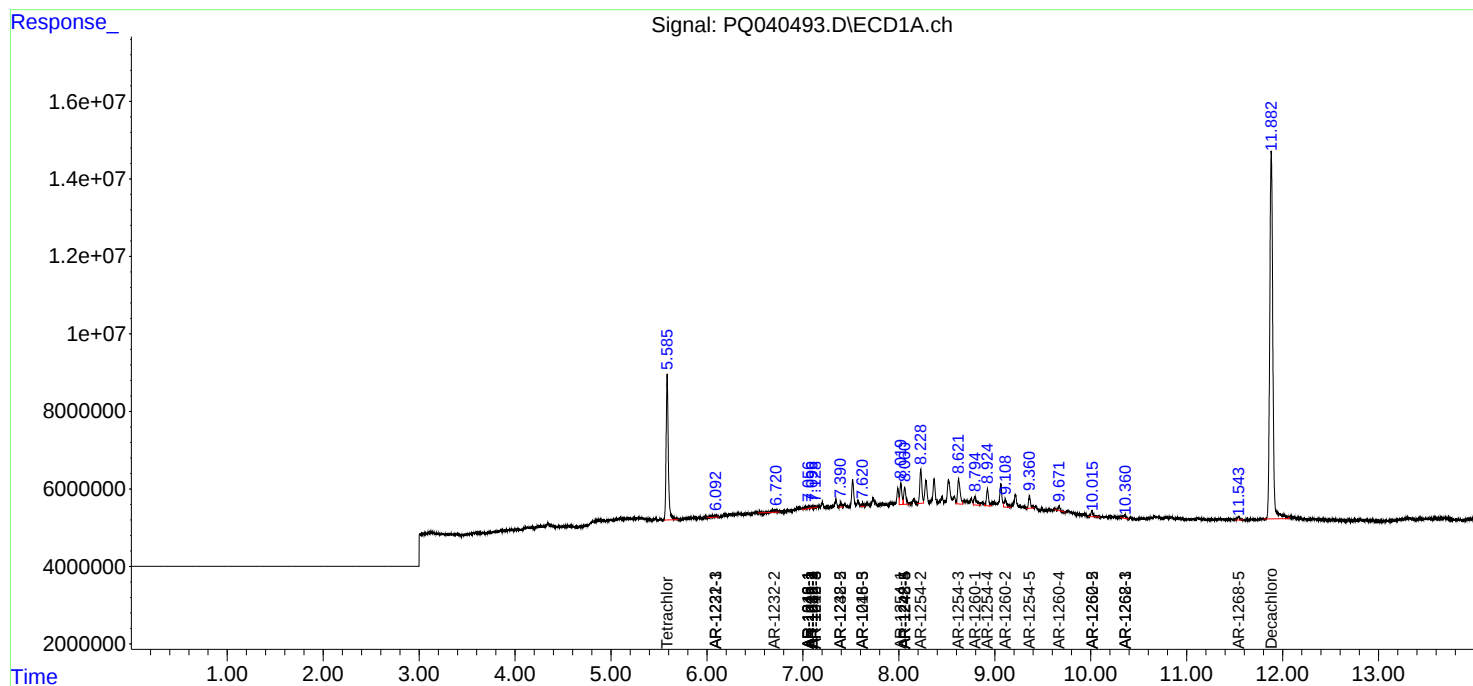
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

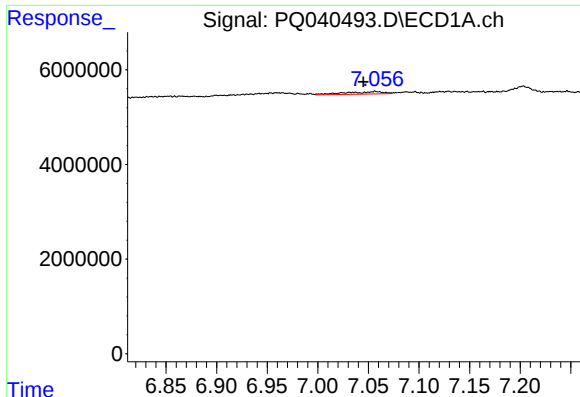
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
Data File : PQ040493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 May 2019 19:22
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Sample : K3102-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

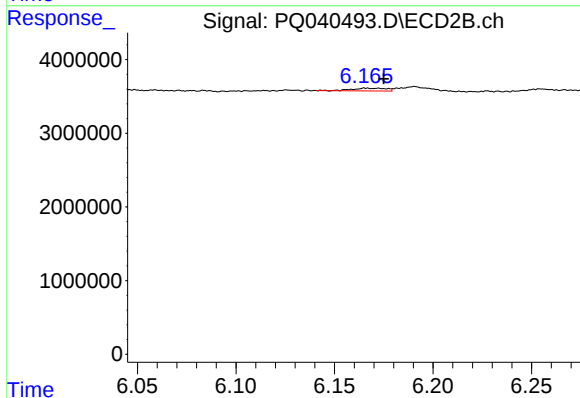




#3 AR-1016-1

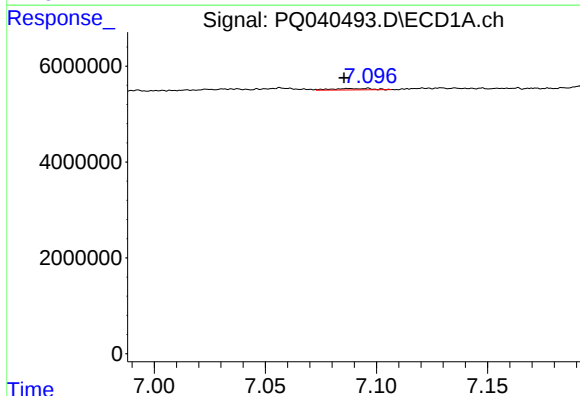
R.T.: 7.057 min
Delta R.T.: 0.012 min
Response: 1316508
Conc: 7.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



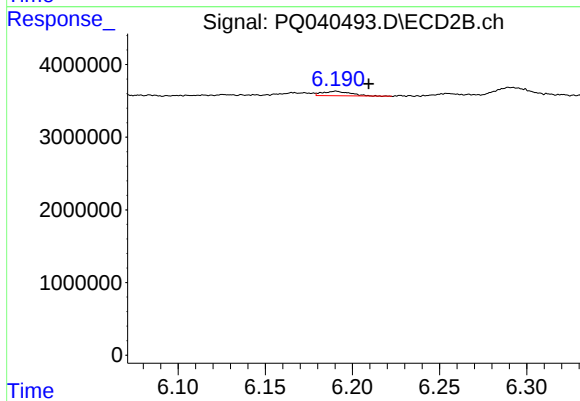
#3 AR-1016-1

R.T.: 6.168 min
Delta R.T.: -0.007 min
Response: 449883
Conc: 3.51 ng/ml



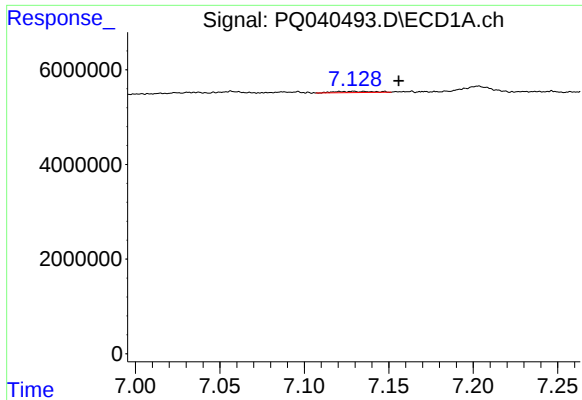
#4 AR-1016-2

R.T.: 7.089 min
Delta R.T.: 0.004 min
Response: 388785
Conc: 1.48 ng/ml



#4 AR-1016-2

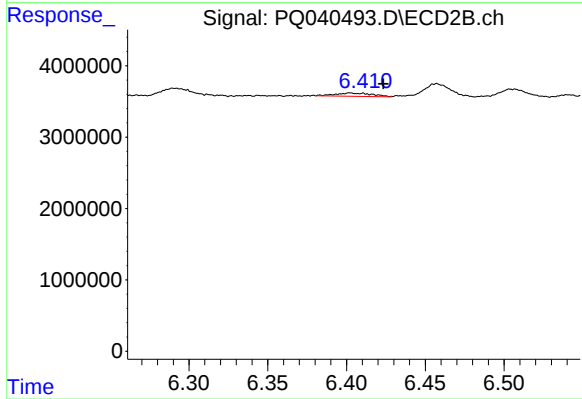
R.T.: 6.191 min
Delta R.T.: -0.019 min
Response: 705033
Conc: 3.65 ng/ml



#5 AR-1016-3

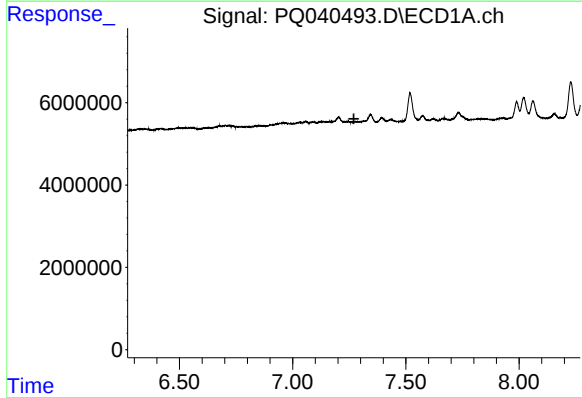
R.T.: 7.129 min
Delta R.T.: -0.027 min
Response: 382235
Conc: 2.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



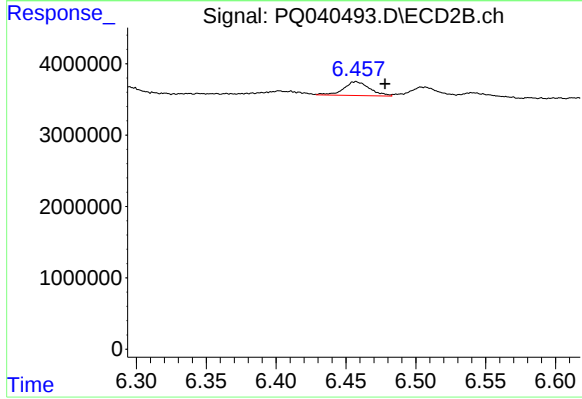
#5 AR-1016-3

R.T.: 6.403 min
Delta R.T.: -0.021 min
Response: 725414
Conc: 6.73 ng/ml



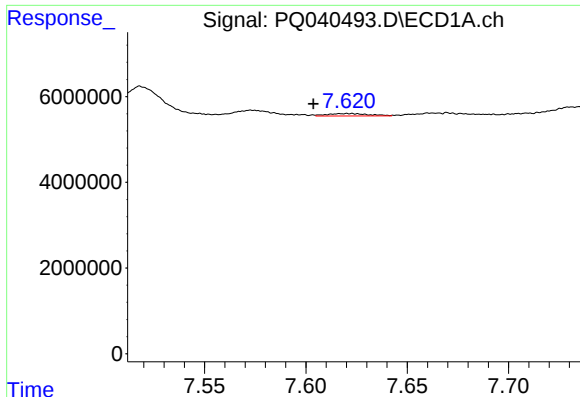
#6 AR-1016-4

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



#6 AR-1016-4

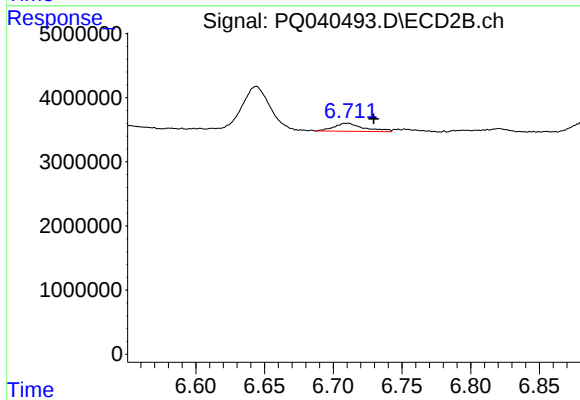
R.T.: 6.458 min
Delta R.T.: -0.020 min
Response: 2490926
Conc: 29.25 ng/ml



#7 AR-1016-5

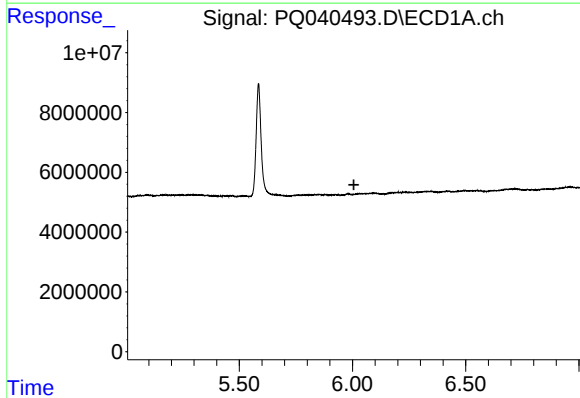
R.T.: 7.621 min
Delta R.T.: 0.017 min
Response: 762758
Conc: 5.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



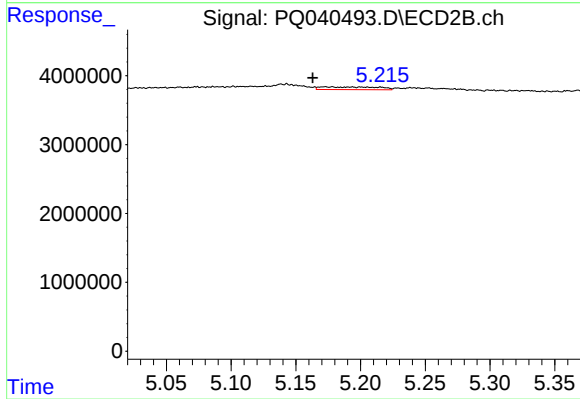
#7 AR-1016-5

R.T.: 6.710 min
Delta R.T.: -0.020 min
Response: 1914379
Conc: 16.63 ng/ml



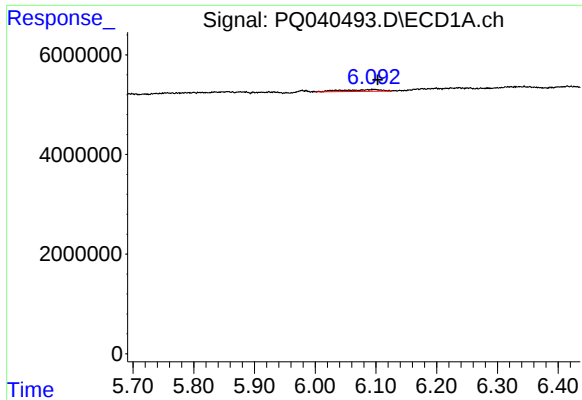
#9 AR-1221-2

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



#9 AR-1221-2

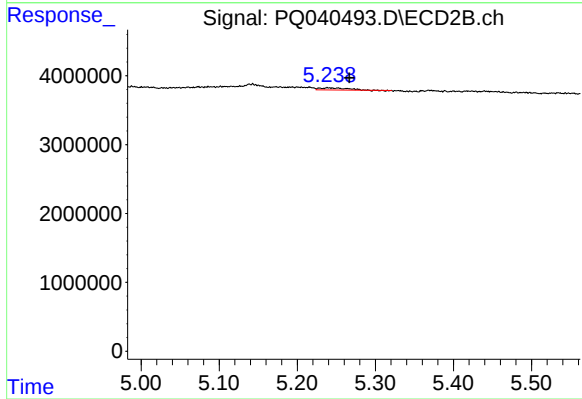
R.T.: 5.173 min
Delta R.T.: 0.010 min
Response: 1237324
Conc: 75.97 ng/ml



#10 AR-1221-3

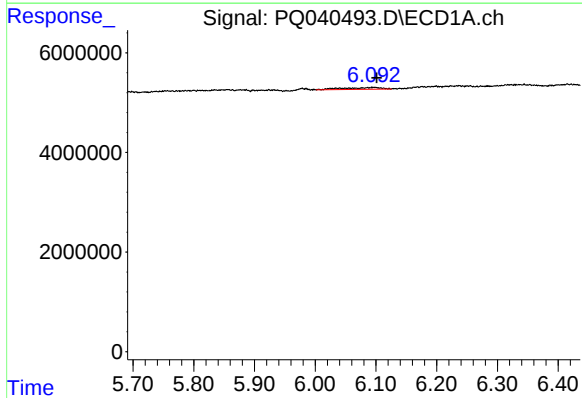
R.T.: 6.097 min
Delta R.T.: -0.006 min
Response: 1522318
Conc: 17.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



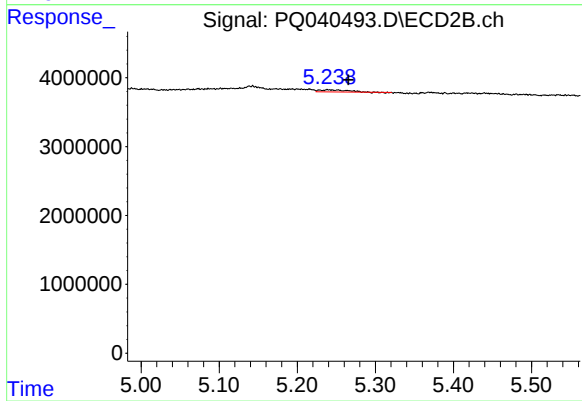
#10 AR-1221-3

R.T.: 5.251 min
Delta R.T.: -0.016 min
Response: 733687
Conc: 12.07 ng/ml



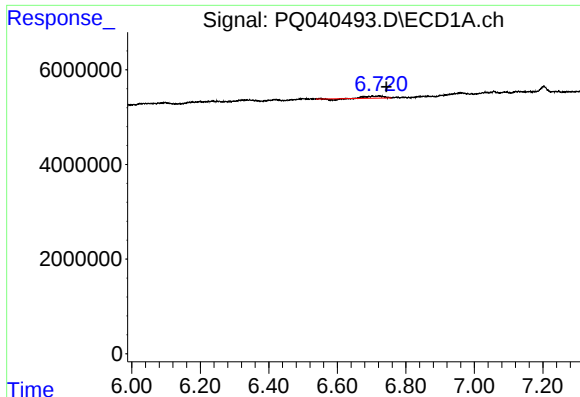
#11 AR-1232-1

R.T.: 6.097 min
Delta R.T.: -0.004 min
Response: 1522318
Conc: 23.50 ng/ml



#11 AR-1232-1

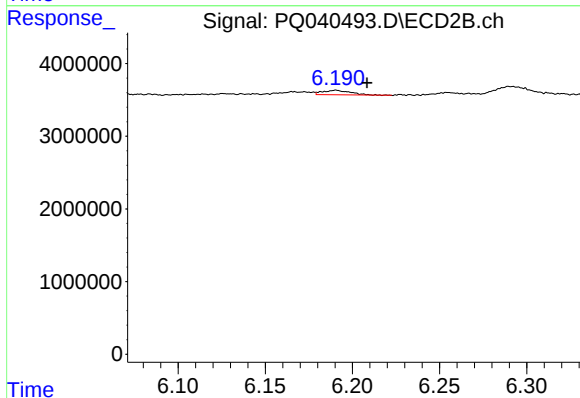
R.T.: 5.251 min
Delta R.T.: -0.014 min
Response: 733687
Conc: 16.01 ng/ml



#12 AR-1232-2

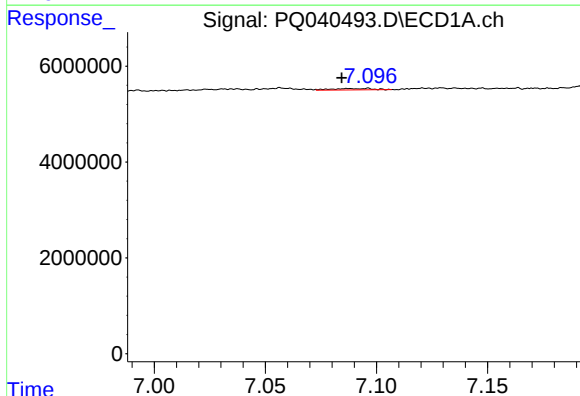
R.T.: 6.702 min
Delta R.T.: -0.041 min
Response: 1292126
Conc: 32.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



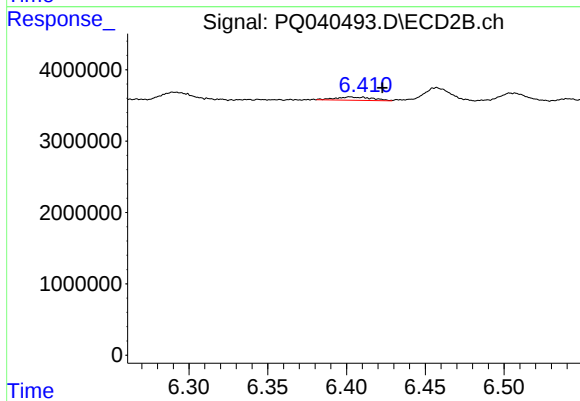
#12 AR-1232-2

R.T.: 6.191 min
Delta R.T.: -0.018 min
Response: 705033
Conc: 11.75 ng/ml



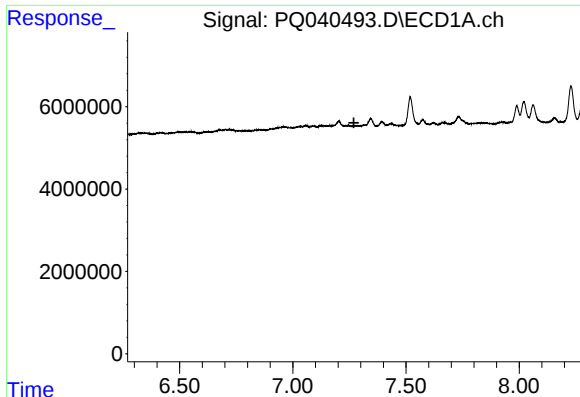
#13 AR-1232-3

R.T.: 7.089 min
Delta R.T.: 0.005 min
Response: 388785
Conc: 4.81 ng/ml



#13 AR-1232-3

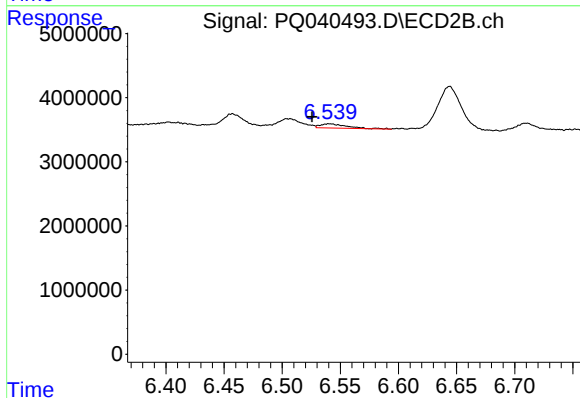
R.T.: 6.403 min
Delta R.T.: -0.020 min
Response: 725414
Conc: 20.63 ng/ml



#14 AR-1232-4

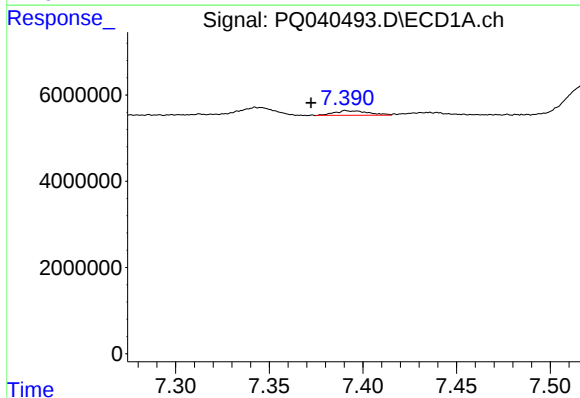
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



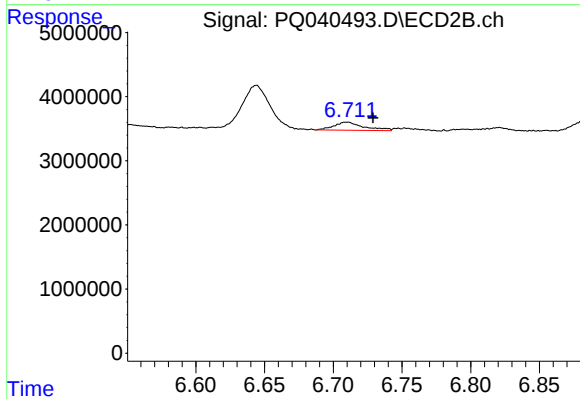
#14 AR-1232-4

R.T.: 6.541 min
Delta R.T.: 0.015 min
Response: 1026362
Conc: 34.74 ng/ml



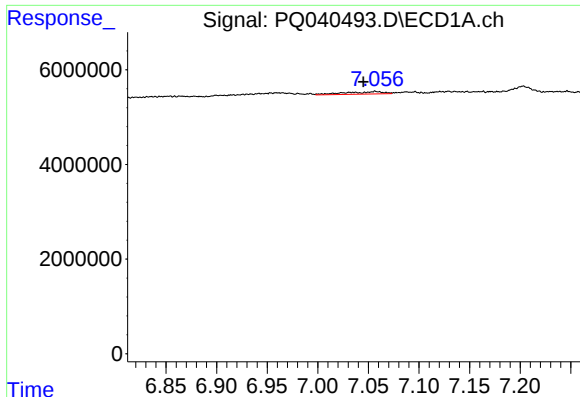
#15 AR-1232-5

R.T.: 7.393 min
Delta R.T.: 0.021 min
Response: 1355286
Conc: 42.76 ng/ml



#15 AR-1232-5

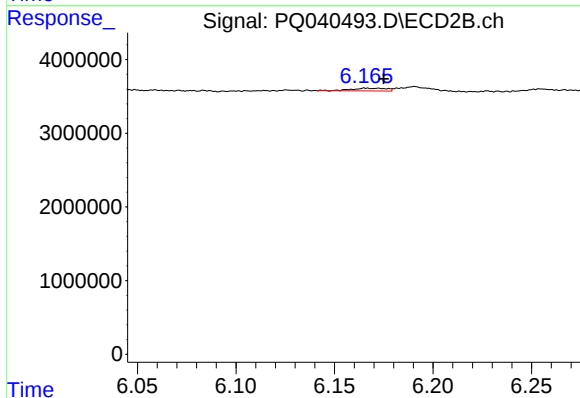
R.T.: 6.710 min
Delta R.T.: -0.019 min
Response: 1914379
Conc: 63.59 ng/ml



#16 AR-1242-1

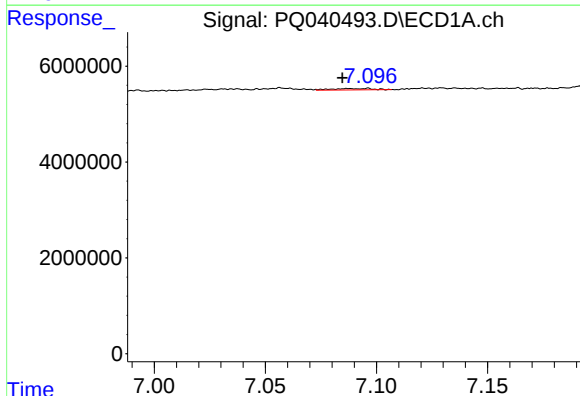
R.T.: 7.057 min
Delta R.T.: 0.012 min
Response: 1316508
Conc: 13.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



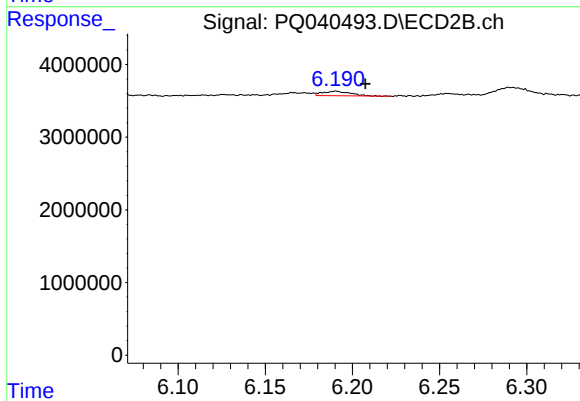
#16 AR-1242-1

R.T.: 6.168 min
Delta R.T.: -0.007 min
Response: 449883
Conc: 6.08 ng/ml



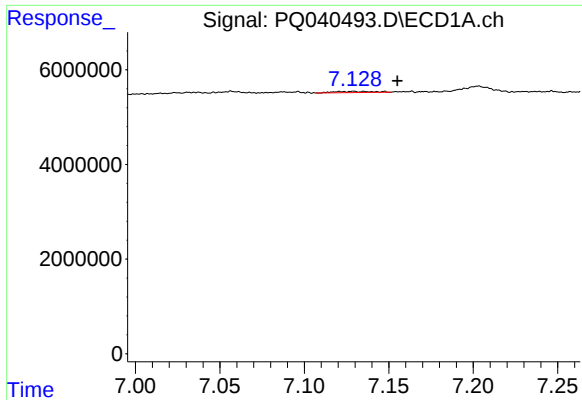
#17 AR-1242-2

R.T.: 7.089 min
Delta R.T.: 0.005 min
Response: 388785
Conc: 2.69 ng/ml



#17 AR-1242-2

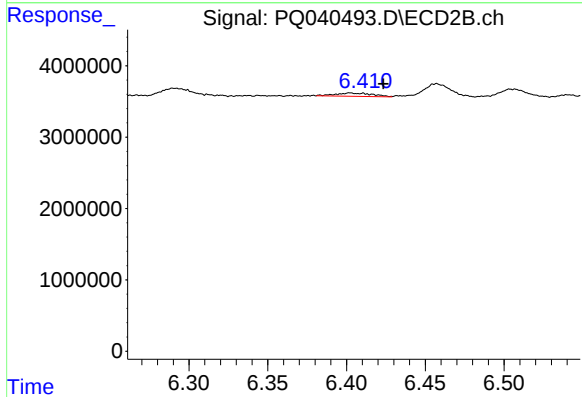
R.T.: 6.191 min
Delta R.T.: -0.017 min
Response: 705033
Conc: 6.62 ng/ml



#18 AR-1242-3

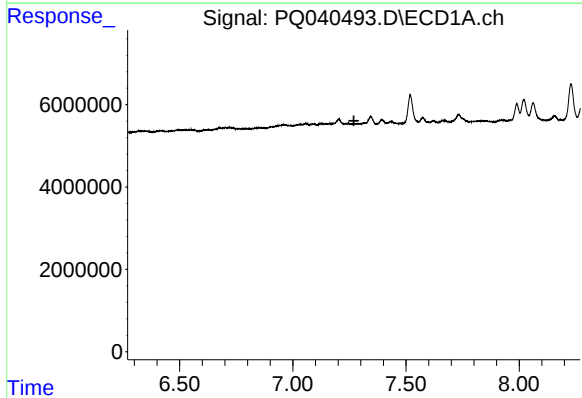
R.T.: 7.129 min
Delta R.T.: -0.026 min
Response: 382235
Conc: 4.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



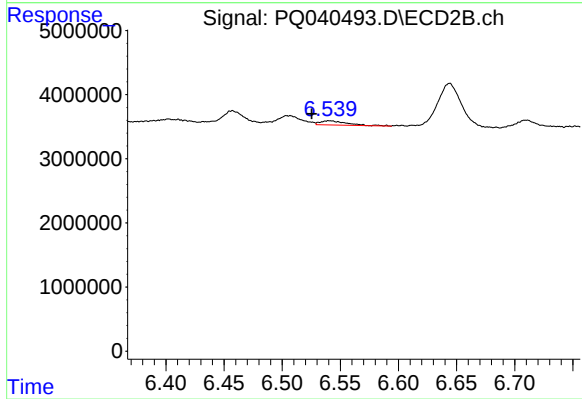
#18 AR-1242-3

R.T.: 6.403 min
Delta R.T.: -0.021 min
Response: 725414
Conc: 12.03 ng/ml



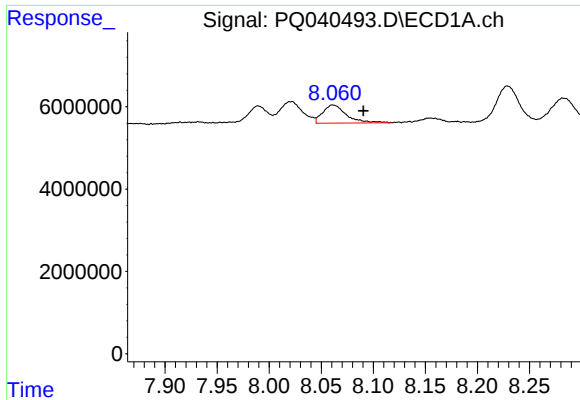
#19 AR-1242-4

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



#19 AR-1242-4

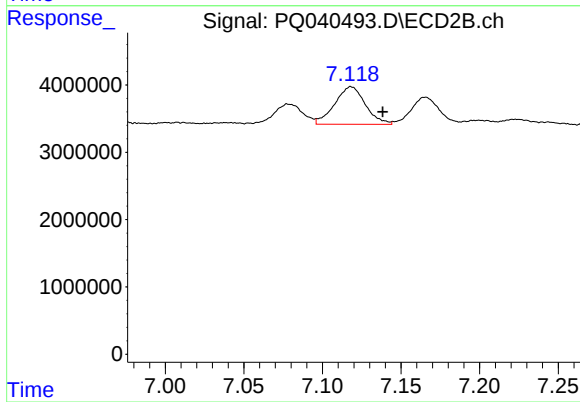
R.T.: 6.541 min
Delta R.T.: 0.015 min
Response: 1026362
Conc: 17.22 ng/ml



#20 AR-1242-5

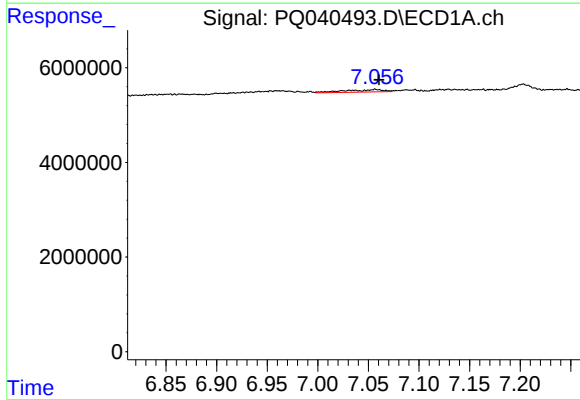
R.T.: 8.062 min
Delta R.T.: -0.029 min
Response: 6961751
Conc: 80.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



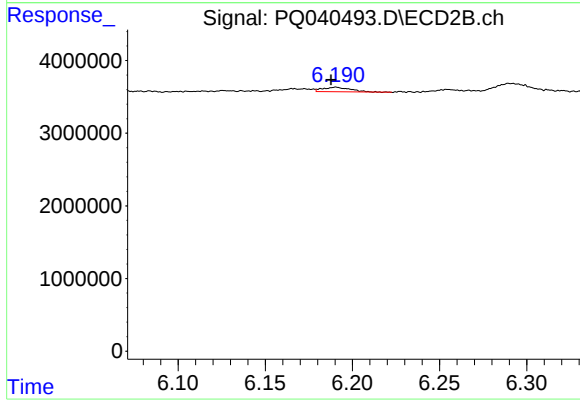
#20 AR-1242-5

R.T.: 7.118 min
Delta R.T.: -0.020 min
Response: 7584280
Conc: 94.11 ng/ml



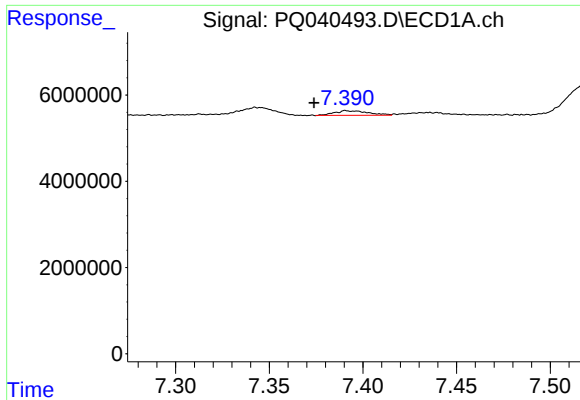
#21 AR-1248-1

R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 1316508
Conc: 17.01 ng/ml



#21 AR-1248-1

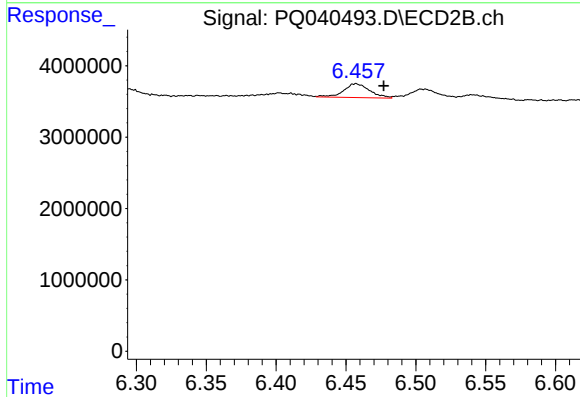
R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 705033
Conc: 12.24 ng/ml



#22 AR-1248-2

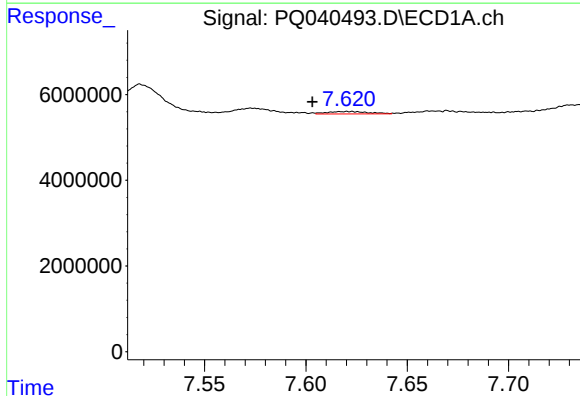
R.T.: 7.393 min
Delta R.T.: 0.019 min
Response: 1355286
Conc: 12.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



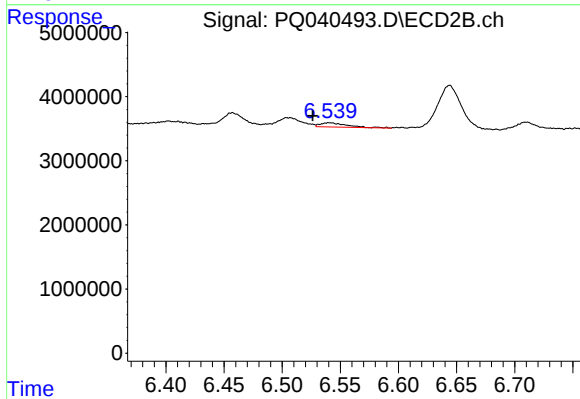
#22 AR-1248-2

R.T.: 6.458 min
Delta R.T.: -0.019 min
Response: 2490926
Conc: 28.33 ng/ml



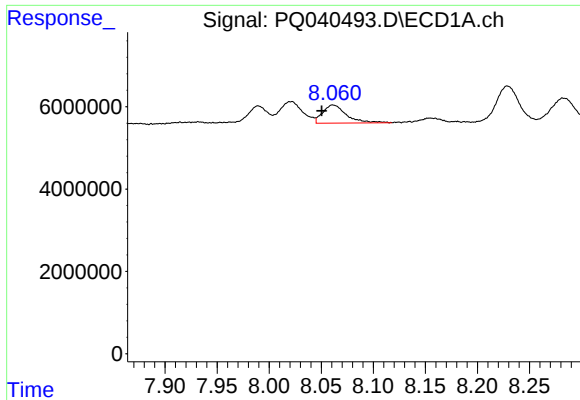
#23 AR-1248-3

R.T.: 7.621 min
Delta R.T.: 0.018 min
Response: 762758
Conc: 5.53 ng/ml



#23 AR-1248-3

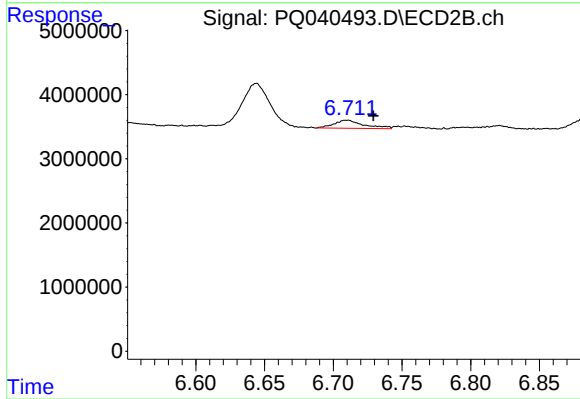
R.T.: 6.541 min
Delta R.T.: 0.015 min
Response: 1026362
Conc: 11.34 ng/ml



#24 AR-1248-4

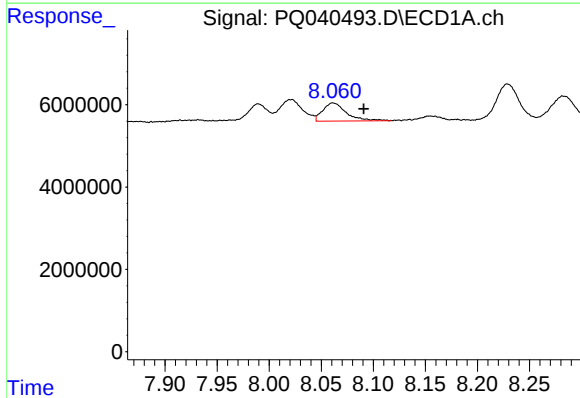
R.T.: 8.062 min
Delta R.T.: 0.011 min
Response: 6961751
Conc: 46.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



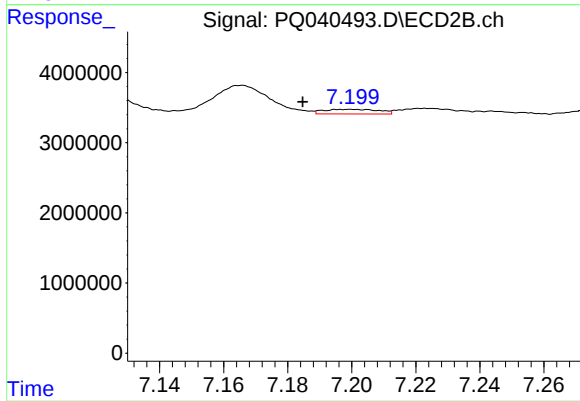
#24 AR-1248-4

R.T.: 6.710 min
Delta R.T.: -0.019 min
Response: 1914379
Conc: 17.34 ng/ml



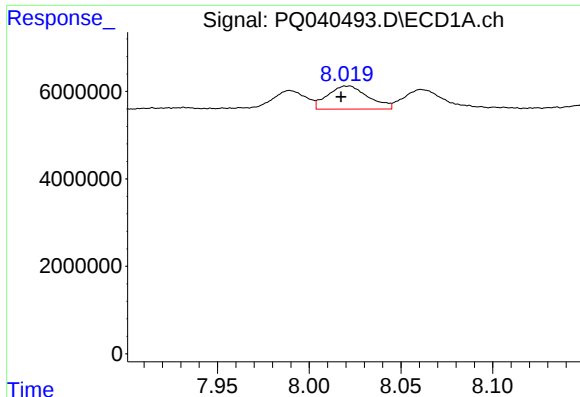
#25 AR-1248-5

R.T.: 8.062 min
Delta R.T.: -0.029 min
Response: 6961751
Conc: 46.24 ng/ml



#25 AR-1248-5

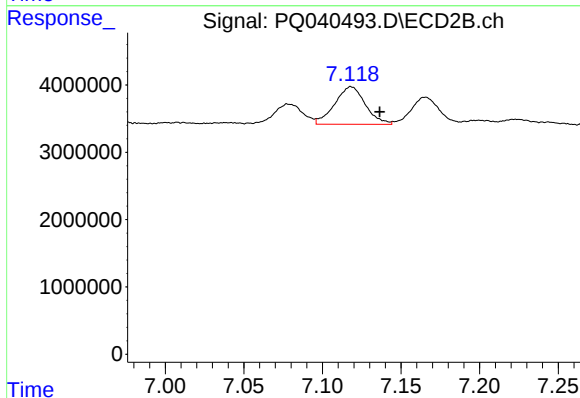
R.T.: 7.200 min
Delta R.T.: 0.015 min
Response: 792892
Conc: 6.98 ng/ml



#26 AR-1254-1

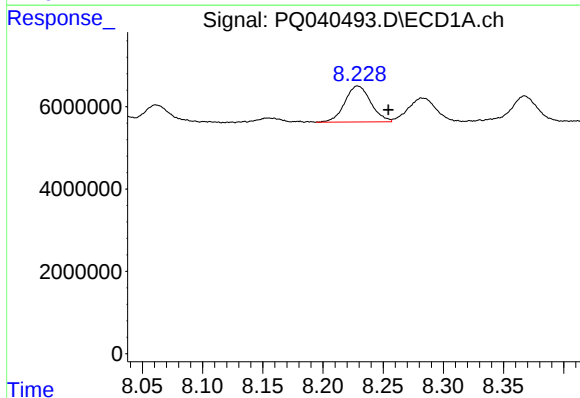
R.T.: 8.021 min
Delta R.T.: 0.003 min
Response: 8131734
Conc: 46.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



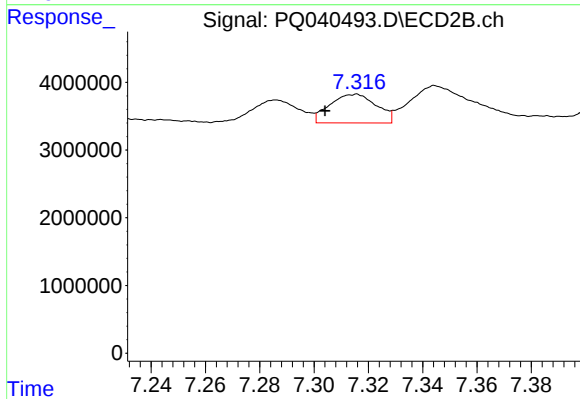
#26 AR-1254-1

R.T.: 7.118 min
Delta R.T.: -0.018 min
Response: 7584280
Conc: 39.60 ng/ml



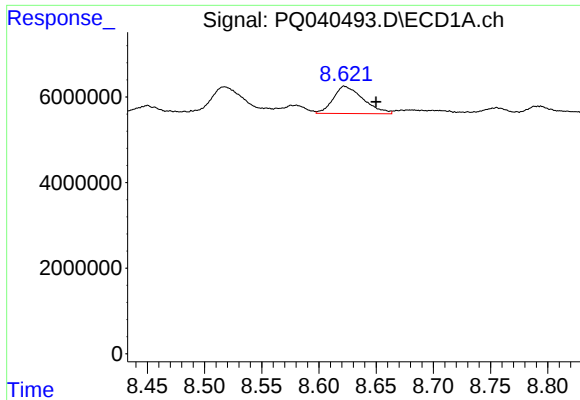
#27 AR-1254-2

R.T.: 8.229 min
Delta R.T.: -0.025 min
Response: 13130430
Conc: 47.48 ng/ml



#27 AR-1254-2

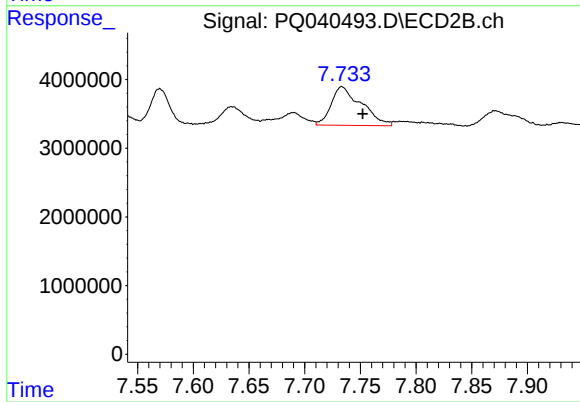
R.T.: 7.315 min
Delta R.T.: 0.011 min
Response: 5061183
Conc: 29.13 ng/ml



#28 AR-1254-3

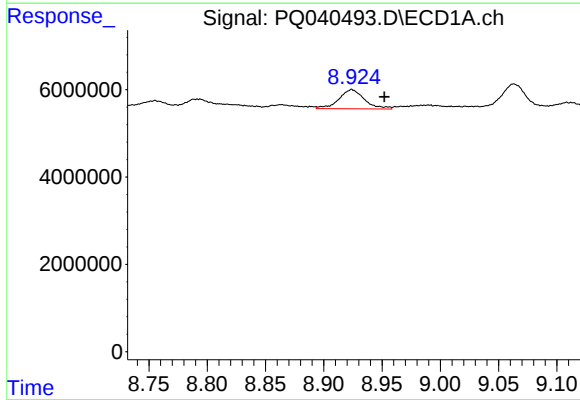
R.T.: 8.623 min
Delta R.T.: -0.027 min
Response: 11650905
Conc: 39.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



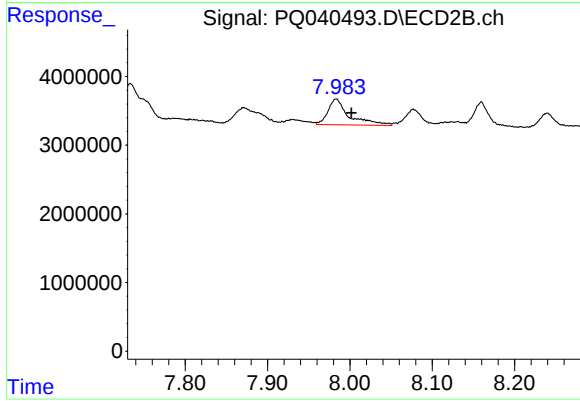
#28 AR-1254-3

R.T.: 7.734 min
Delta R.T.: -0.018 min
Response: 10638089
Conc: 36.81 ng/ml



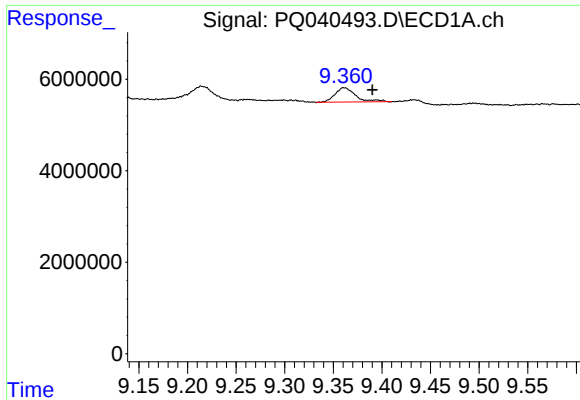
#29 AR-1254-4

R.T.: 8.924 min
Delta R.T.: -0.028 min
Response: 6685520
Conc: 32.17 ng/ml



#29 AR-1254-4

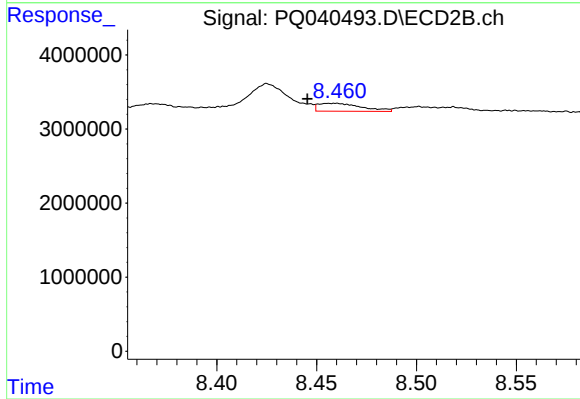
R.T.: 7.983 min
Delta R.T.: -0.019 min
Response: 6685258
Conc: 37.44 ng/ml



#30 AR-1254-5

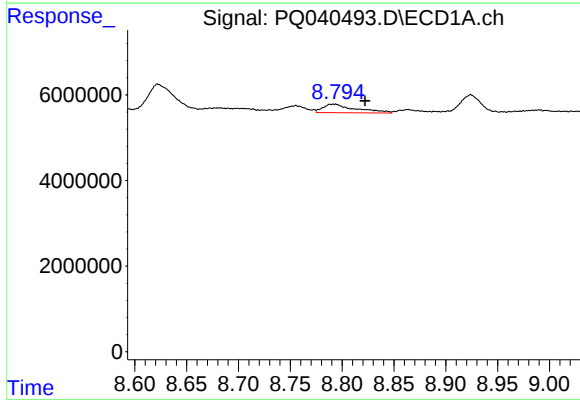
R.T.: 9.362 min
Delta R.T.: -0.029 min
Response: 4634120
Conc: 16.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



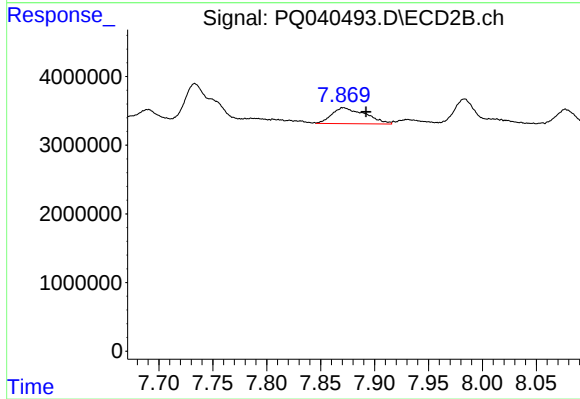
#30 AR-1254-5

R.T.: 8.458 min
Delta R.T.: 0.013 min
Response: 1603899
Conc: 6.23 ng/ml



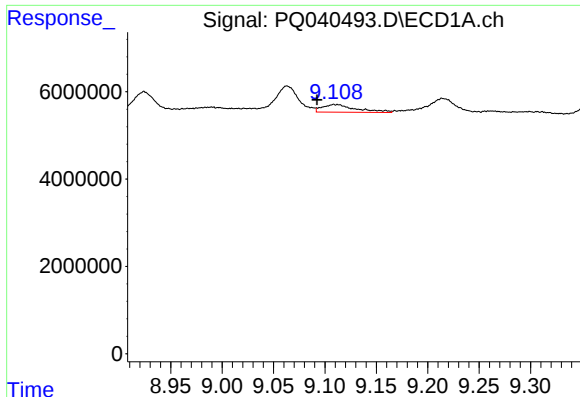
#31 AR-1260-1

R.T.: 8.792 min
Delta R.T.: -0.030 min
Response: 4394767
Conc: 13.22 ng/ml



#31 AR-1260-1

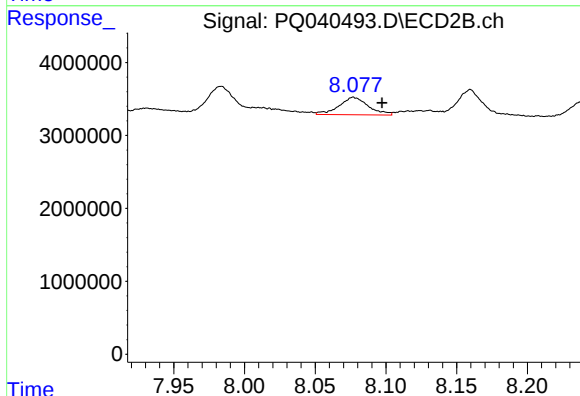
R.T.: 7.872 min
Delta R.T.: -0.021 min
Response: 5005740
Conc: 18.26 ng/ml



#32 AR-1260-2

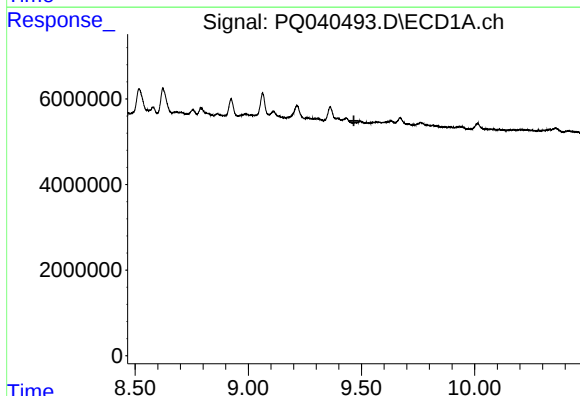
R.T.: 9.110 min
Delta R.T.: 0.018 min
Response: 4002048
Conc: 9.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



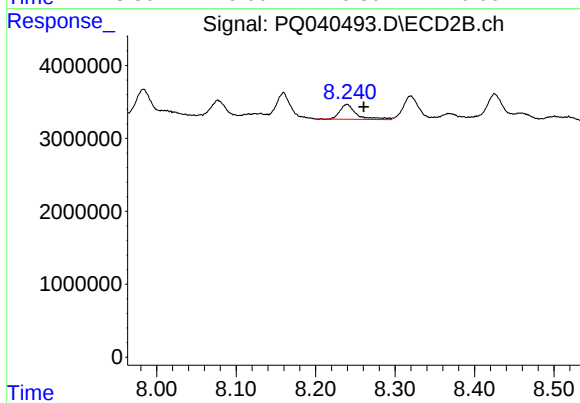
#32 AR-1260-2

R.T.: 8.077 min
Delta R.T.: -0.020 min
Response: 3433644
Conc: 9.93 ng/ml



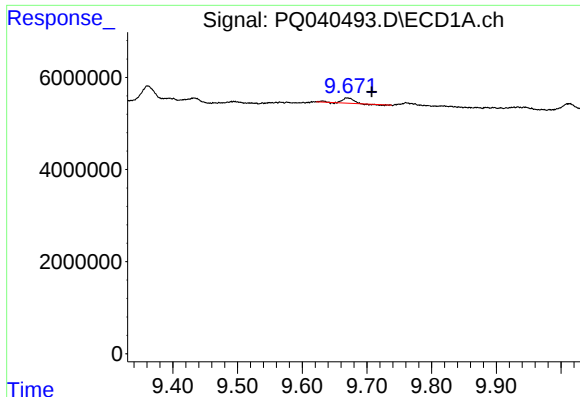
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 9.467 min
Response: 0
Conc: N.D.



#33 AR-1260-3

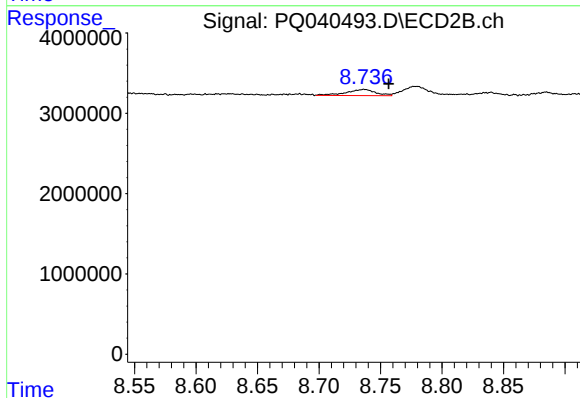
R.T.: 8.239 min
Delta R.T.: -0.021 min
Response: 2940534
Conc: 9.17 ng/ml



#34 AR-1260-4

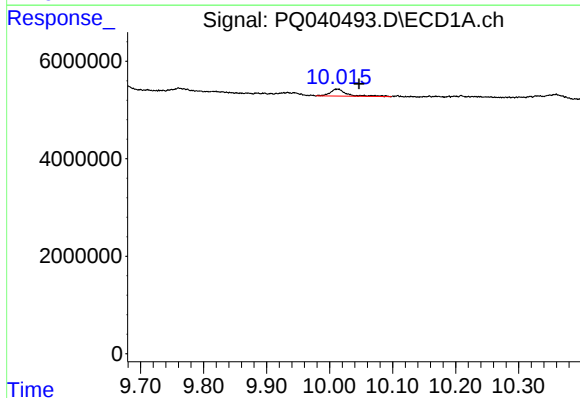
R.T.: 9.670 min
Delta R.T.: -0.037 min
Response: 1255082
Conc: 3.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



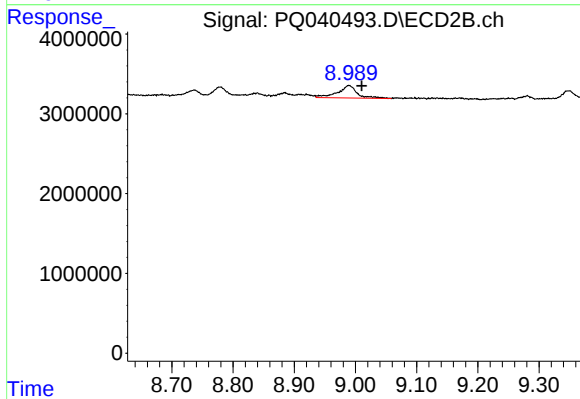
#34 AR-1260-4

R.T.: 8.736 min
Delta R.T.: -0.020 min
Response: 1277732
Conc: 4.70 ng/ml



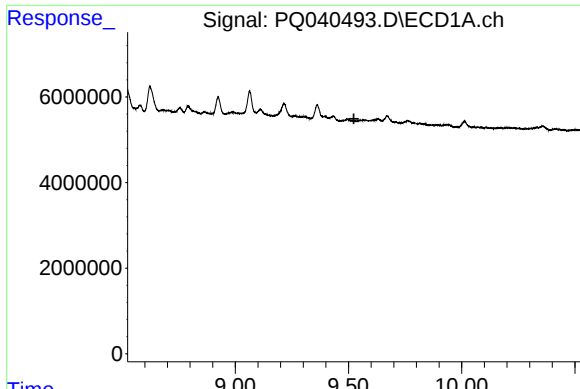
#35 AR-1260-5

R.T.: 10.012 min
Delta R.T.: -0.035 min
Response: 2685217
Conc: 3.49 ng/ml



#35 AR-1260-5

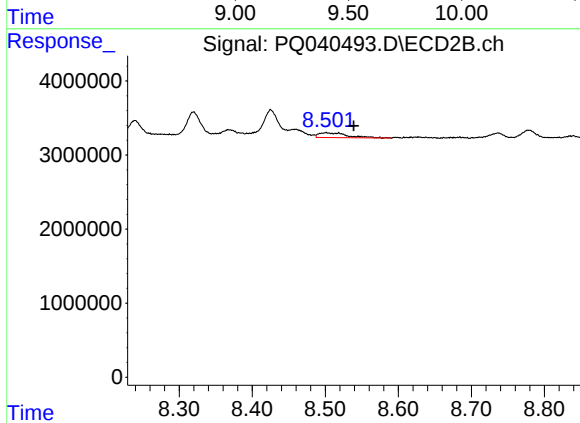
R.T.: 8.989 min
Delta R.T.: -0.021 min
Response: 3471463
Conc: 5.16 ng/ml



#36 AR-1262-1

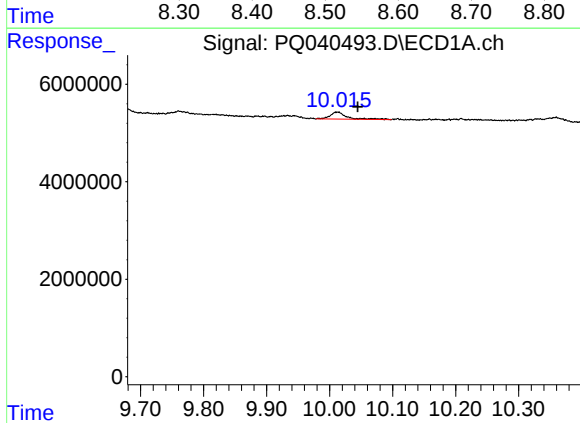
R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



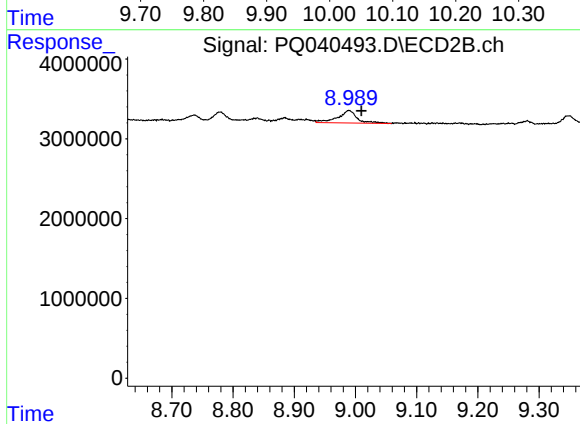
#36 AR-1262-1

R.T.: 8.501 min
Delta R.T.: -0.038 min
Response: 1765633
Conc: 15.55 ng/ml



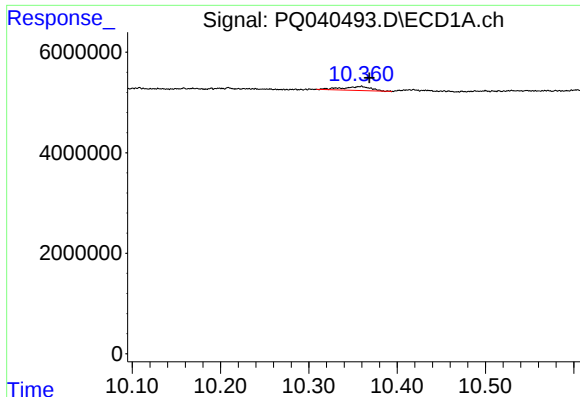
#37 AR-1262-2

R.T.: 10.012 min
Delta R.T.: -0.032 min
Response: 2685217
Conc: 4.64 ng/ml



#37 AR-1262-2

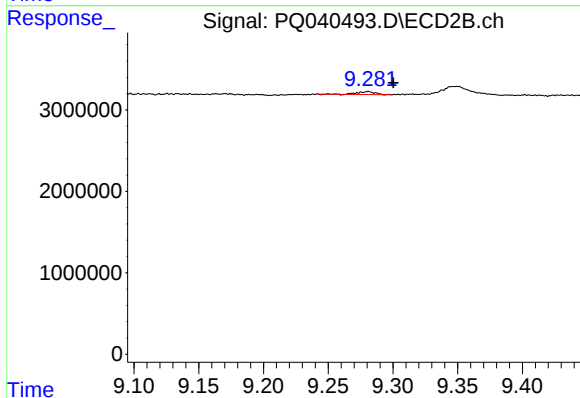
R.T.: 8.989 min
Delta R.T.: -0.020 min
Response: 3471463
Conc: 7.00 ng/ml



#38 AR-1262-3

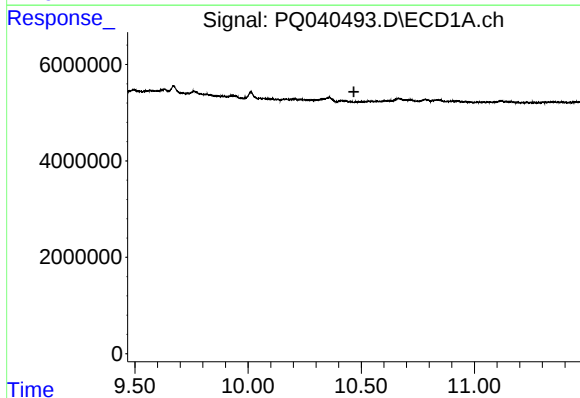
R.T.: 10.358 min
Delta R.T.: -0.010 min
Response: 1808179
Conc: 4.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



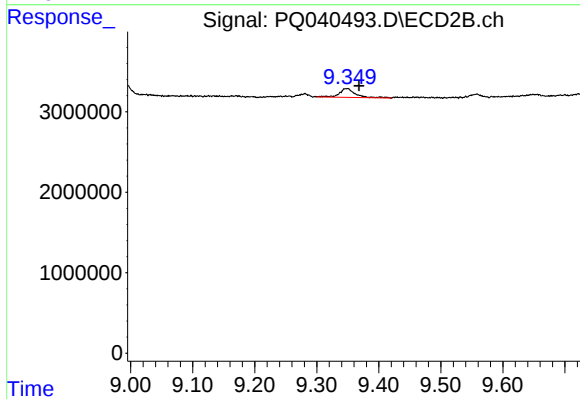
#38 AR-1262-3

R.T.: 9.280 min
Delta R.T.: -0.020 min
Response: 356213
Conc: 1.69 ng/ml



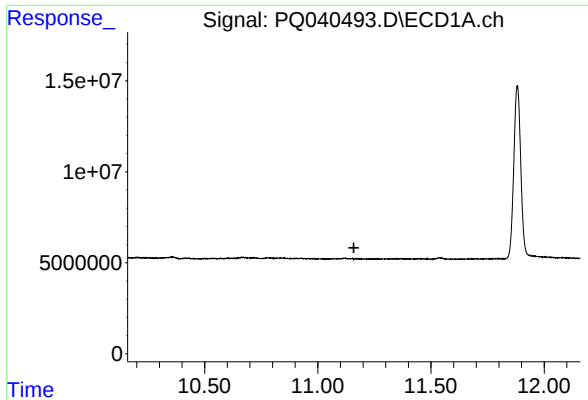
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 10.467 min
Response: 0
Conc: N.D.



#39 AR-1262-4

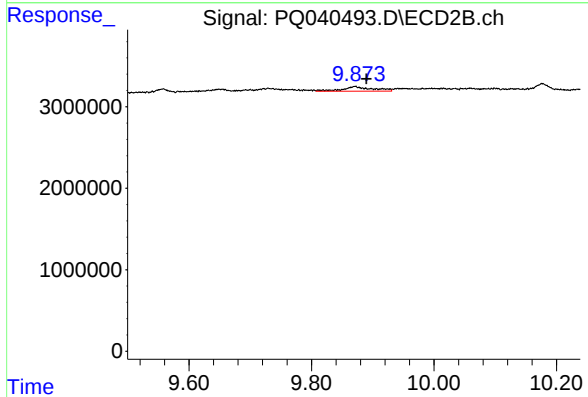
R.T.: 9.348 min
Delta R.T.: -0.020 min
Response: 1965392
Conc: 5.19 ng/ml



#40 AR-1262-5

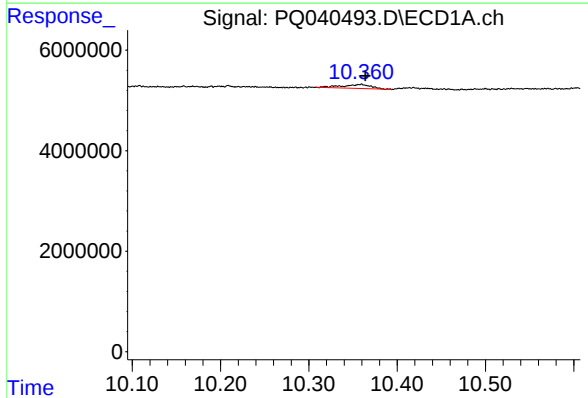
R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



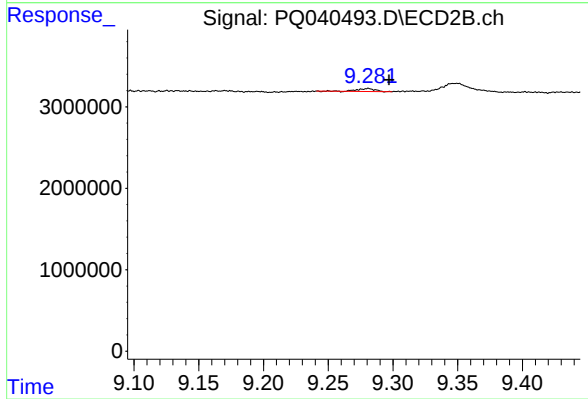
#40 AR-1262-5

R.T.: 9.871 min
Delta R.T.: -0.019 min
Response: 1930392
Conc: 11.91 ng/ml



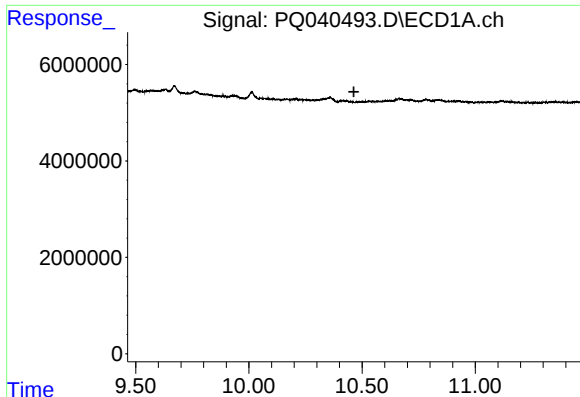
#41 AR-1268-1

R.T.: 10.358 min
Delta R.T.: -0.006 min
Response: 1808179
Conc: 3.00 ng/ml



#41 AR-1268-1

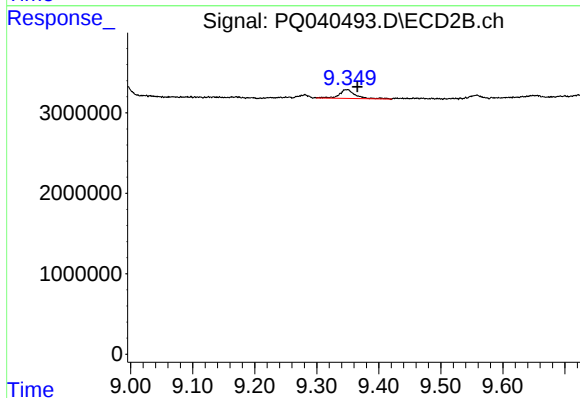
R.T.: 9.280 min
Delta R.T.: -0.017 min
Response: 356213
Conc: 0.78 ng/ml



#42 AR-1268-2

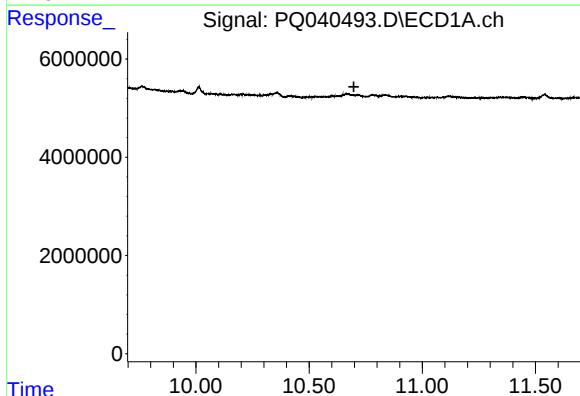
R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



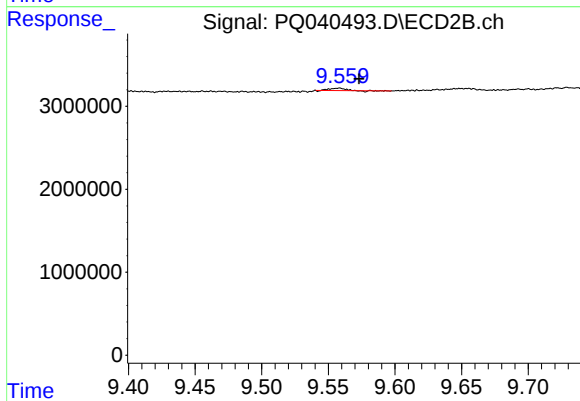
#42 AR-1268-2

R.T.: 9.348 min
Delta R.T.: -0.018 min
Response: 1965392
Conc: 4.50 ng/ml



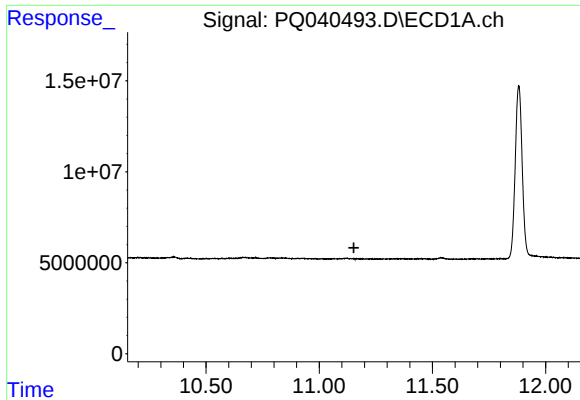
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.



#43 AR-1268-3

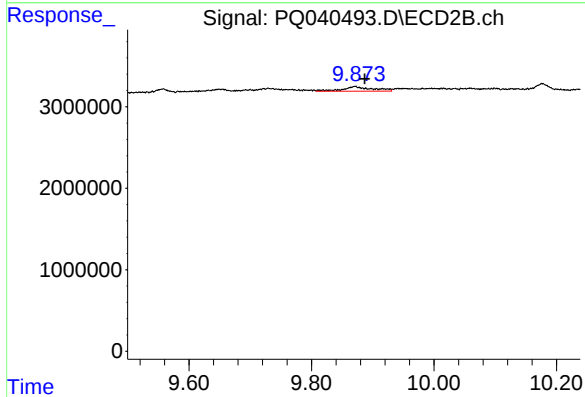
R.T.: 9.557 min
Delta R.T.: -0.016 min
Response: 219914
Conc: 0.59 ng/ml



#44 AR-1268-4

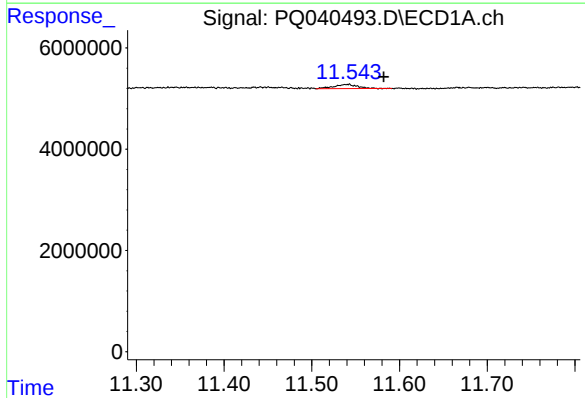
R.T.: 0.000 min
Exp R.T.: 11.153 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



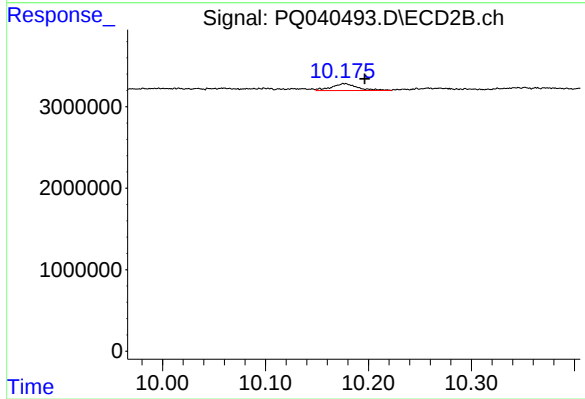
#44 AR-1268-4

R.T.: 9.871 min
Delta R.T.: -0.016 min
Response: 1930392
Conc: 14.01 ng/ml



#45 AR-1268-5

R.T.: 11.540 min
Delta R.T.: -0.042 min
Response: 1517922
Conc: 0.82 ng/ml



#45 AR-1268-5

R.T.: 10.177 min
Delta R.T.: -0.019 min
Response: 1475863
Conc: 1.25 ng/ml