

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051220\
 Data File : PQ047695.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2020 10:35
 Operator : AJ\MA
 Sample : L2182-07
 Misc : AR1268 25PPB LOD
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 23:48:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 06 16:27:16 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...	5.103	4.259	389.3E6	67159237	20.288	20.402
2)	SA Decachlor...	11.177	9.644	502.0E6	73880252	23.081	22.649
Target Compounds							
3)	L1 AR-1016-1	6.442	5.532	2795869	248700	4.047	2.098 #
4)	L1 AR-1016-2	6.442	5.555	2795869	581570	2.888	3.662 #
5)	L1 AR-1016-3	6.505	0.000	4094943	0	7.016	N.D. #
6)	L1 AR-1016-4	6.617	5.868	1296331	786420	2.607	11.903 #
7)	L1 AR-1016-5	6.934	6.033	4337365	5616231	9.032	62.935 #
8)	L2 AR-1221-1	0.000	4.469	0	862201	N.D.	25.094 #
9)	L2 AR-1221-2	5.456	4.621	9575646	888279	59.531	33.257 #
10)	L2 AR-1221-3	5.537	4.713	8591377	502540	17.620	6.161 #
11)	L3 AR-1232-1	5.537	4.713	8591377	502540	22.663	7.873 #
12)	L3 AR-1232-2	6.107	5.555	14673632	581570	74.363	8.936 #
13)	L3 AR-1232-3	6.442	0.000	2795869	0	6.963	N.D. #
14)	L3 AR-1232-4	6.617	5.868	1296331	786420	6.281	26.834 #
15)	L3 AR-1232-5	0.000	6.033	0	5616231	N.D.	162.549 #
16)	L4 AR-1242-1	6.442	5.532	2795869	248700	5.033	2.577 #
17)	L4 AR-1242-2	6.442	5.555	2795869	581570	3.477	4.408 #
18)	L4 AR-1242-3	6.505	0.000	4094943	0	8.543	N.D. #
19)	L4 AR-1242-4	6.617	5.868	1296331	786420	3.157	11.897 #
20)	L4 AR-1242-5	7.362	6.413	5720882	2092453	12.276	22.530 #
21)	L5 AR-1248-1	6.442	5.532	2795869	248700	7.221	3.734 #
22)	L5 AR-1248-2	0.000	5.868	0	786420	N.D.	9.412 #
23)	L5 AR-1248-3	6.934	5.868	4337365	786420	7.535	9.220
24)	L5 AR-1248-4	7.362	6.033	5720882	5616231	8.331	53.523 #
25)	L5 AR-1248-5	7.362	6.440	5720882	11629351	8.821	110.267 #
26)	L6 AR-1254-1	7.332	6.413	34925766	2092453	49.873	12.027 #
27)	L6 AR-1254-2	7.560	6.627	3657780	6116195	3.354	40.510 #
28)	L6 AR-1254-3	7.951	6.994	26212393	790099	22.528	3.255 #
29)	L6 AR-1254-4	8.231	0.000	33572292	0	34.749	N.D. #
30)	L6 AR-1254-5	0.000	7.704	0	3013436	N.D.	14.398 #
31)	L7 AR-1260-1	8.048	0.000	42078138	0	48.625	N.D. #
32)	L7 AR-1260-2	8.368	7.317	8404970	1177100	7.390	5.987
33)	L7 AR-1260-3	8.740	7.489	21970044	529906	22.630	2.898 #
34)	L7 AR-1260-4	8.993	7.966	31053204	4095976	31.982	27.148
35)	L7 AR-1260-5	9.306	8.216	11127545	2102632	4.895	5.426
36)	L8 AR-1262-1	8.740	7.704	21970044	3013436	15.897	27.205 #
37)	L8 AR-1262-2	9.306	8.216	11127545	2102632	4.301	4.987
38)	L8 AR-1262-3	9.625	8.504	111.9E6	17053480	64.416	105.859 #
39)	L8 AR-1262-4	9.725	8.570	102.6E6	17564331	76.275	57.394
40)	L8 AR-1262-5	10.403	9.076	39342468	5879018	40.107	41.041
41)	L9 AR-1268-1	9.625	8.504	111.9E6	17053480	31.143	31.002

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 Acq On : 12 May 2020 10:35
 Operator : AJ\MA
 Sample : L2182-07
 Misc : AR1268 25PPB LOD
 ALS Vial : 11 Sample Multiplier: 1

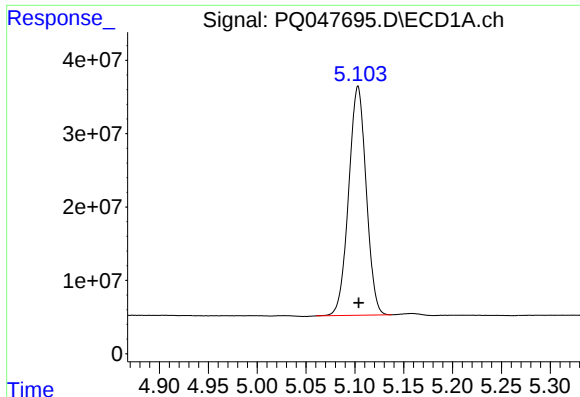
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 23:48:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	9.725	8.570	102.6E6	17564331	31.944	34.539
43) L9	AR-1268-3	9.960	8.778	90266256	12666226	32.415	30.570
44) L9	AR-1268-4	10.403	9.076	39342468	5879018	33.902	34.514
45) L9	AR-1268-5	10.830	9.379	262.6E6	45398926	32.869	34.761

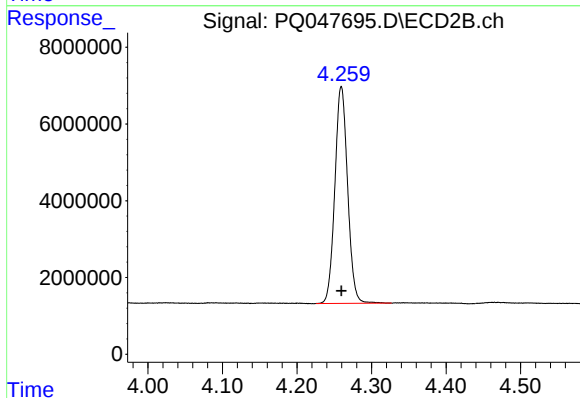
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

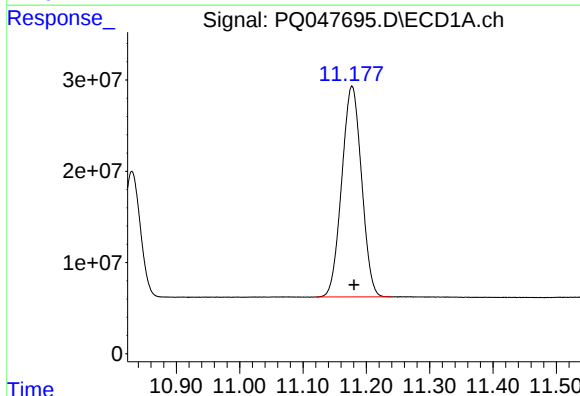
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 389349026
Conc: 20.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



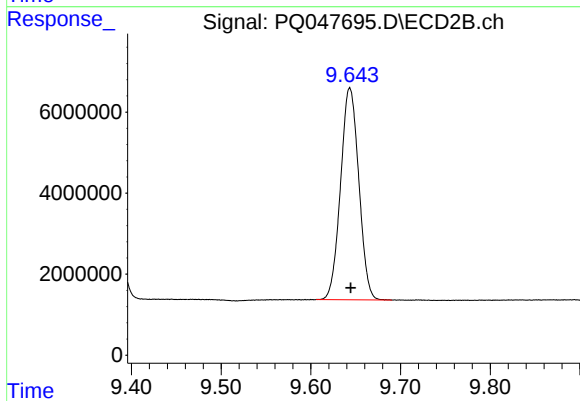
#1 Tetrachloro-m-xylene

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 67159237
Conc: 20.40 ng/ml



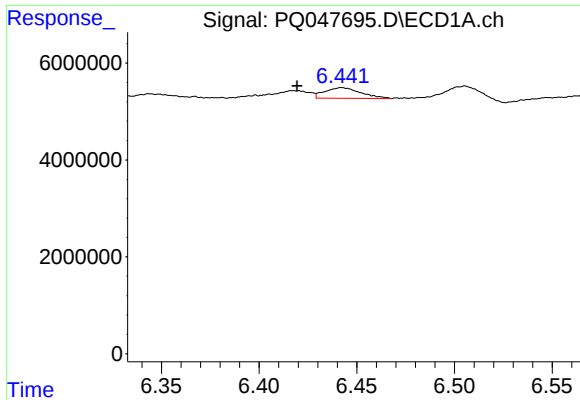
#2 Decachlorobiphenyl

R.T.: 11.177 min
Delta R.T.: -0.003 min
Response: 501956613
Conc: 23.08 ng/ml



#2 Decachlorobiphenyl

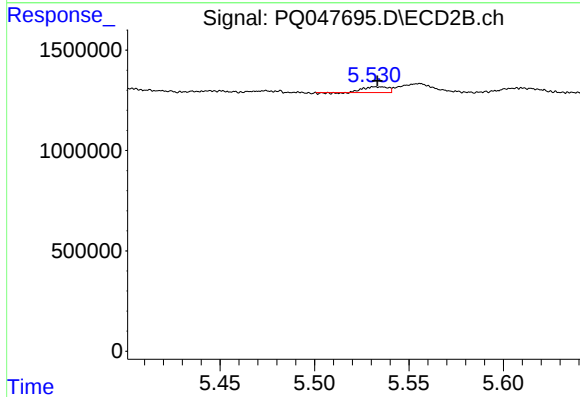
R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 73880252
Conc: 22.65 ng/ml



#3 AR-1016-1

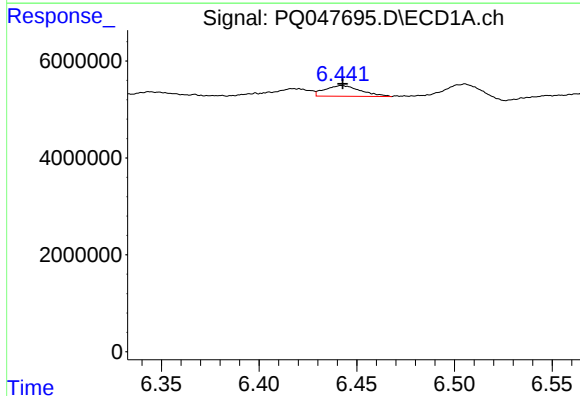
R.T.: 6.442 min
Delta R.T.: 0.023 min
Response: 2795869
Conc: 4.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



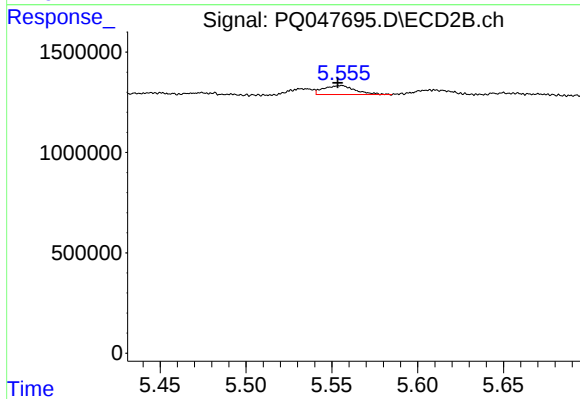
#3 AR-1016-1

R.T.: 5.532 min
Delta R.T.: -0.001 min
Response: 248700
Conc: 2.10 ng/ml



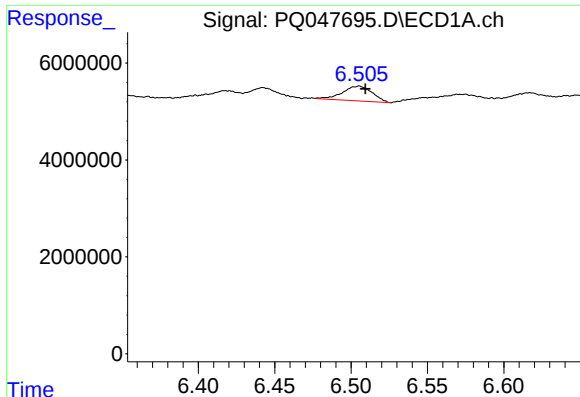
#4 AR-1016-2

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 2795869
Conc: 2.89 ng/ml



#4 AR-1016-2

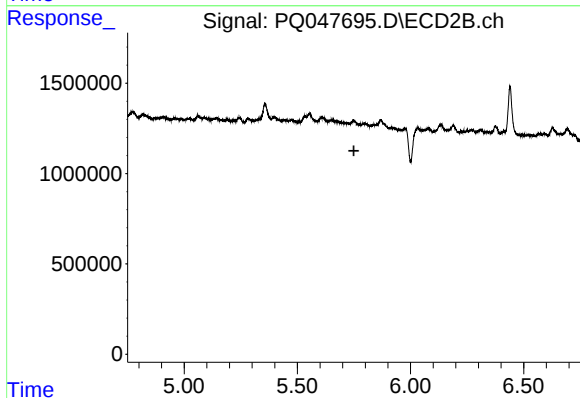
R.T.: 5.555 min
Delta R.T.: 0.002 min
Response: 581570
Conc: 3.66 ng/ml



#5 AR-1016-3

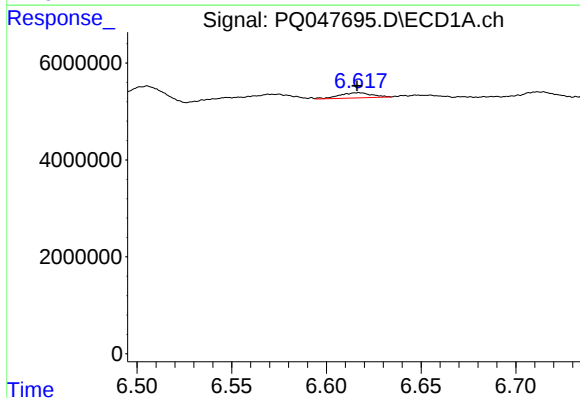
R.T.: 6.505 min
Delta R.T.: -0.004 min
Response: 4094943
Conc: 7.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



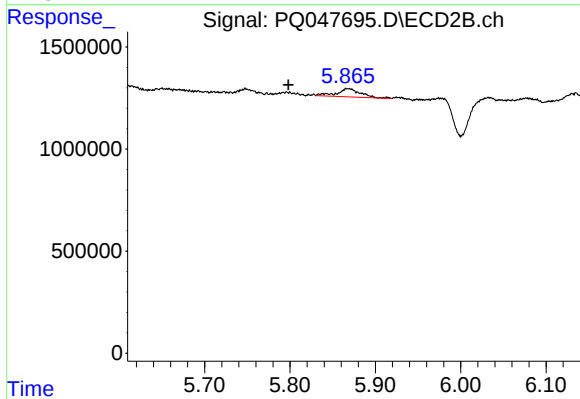
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.750 min
Response: 0
Conc: N.D.



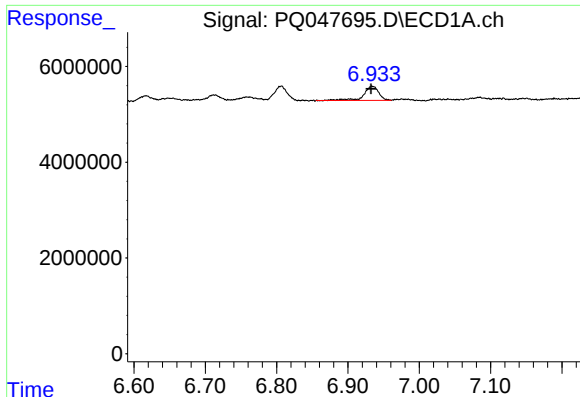
#6 AR-1016-4

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 1296331
Conc: 2.61 ng/ml



#6 AR-1016-4

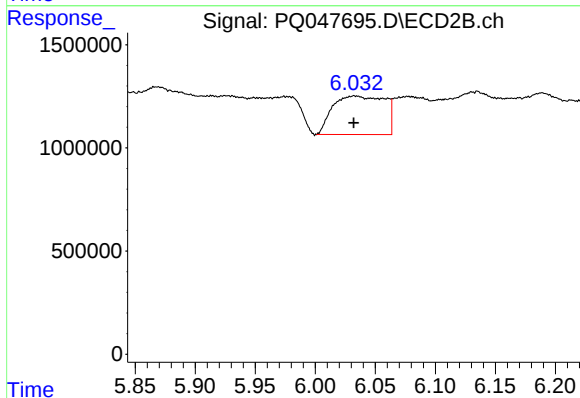
R.T.: 5.868 min
Delta R.T.: 0.070 min
Response: 786420
Conc: 11.90 ng/ml



#7 AR-1016-5

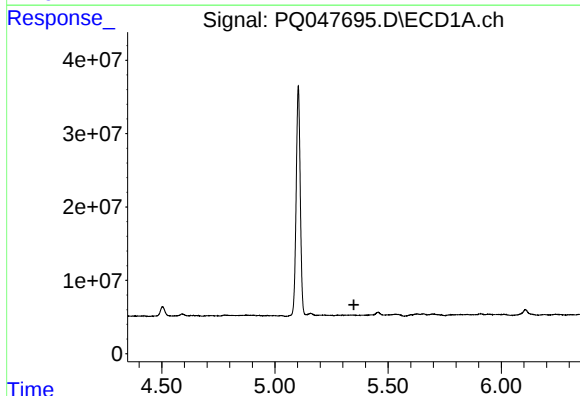
R.T.: 6.934 min
Delta R.T.: 0.002 min
Response: 4337365
Conc: 9.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



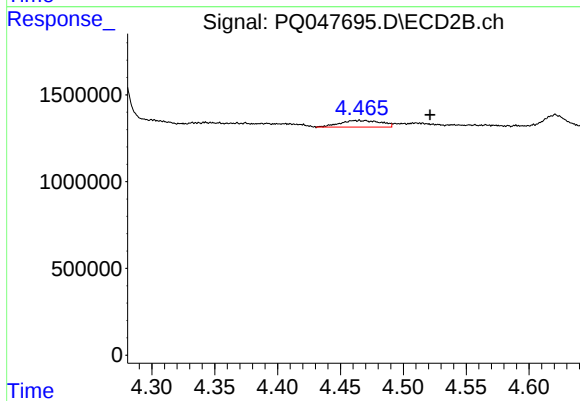
#7 AR-1016-5

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 5616231
Conc: 62.94 ng/ml



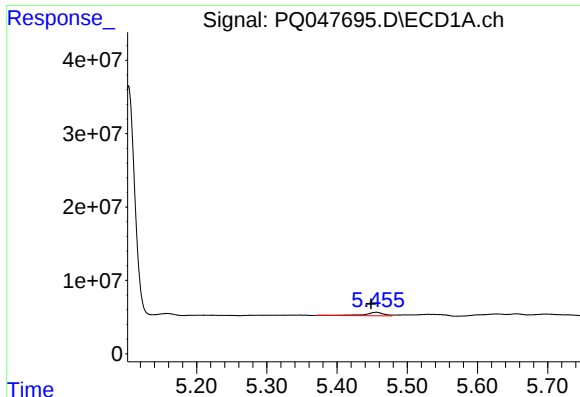
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.349 min
Response: 0
Conc: N.D.



#8 AR-1221-1

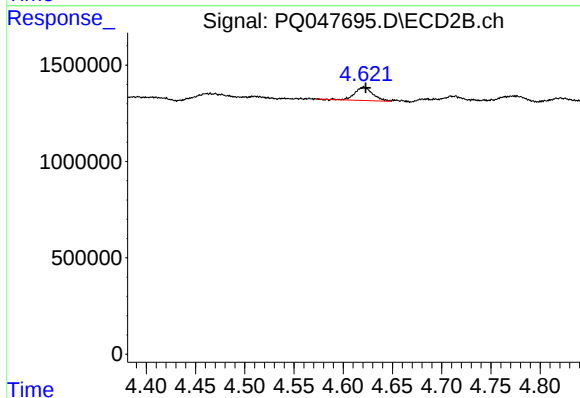
R.T.: 4.469 min
Delta R.T.: -0.052 min
Response: 862201
Conc: 25.09 ng/ml



#9 AR-1221-2

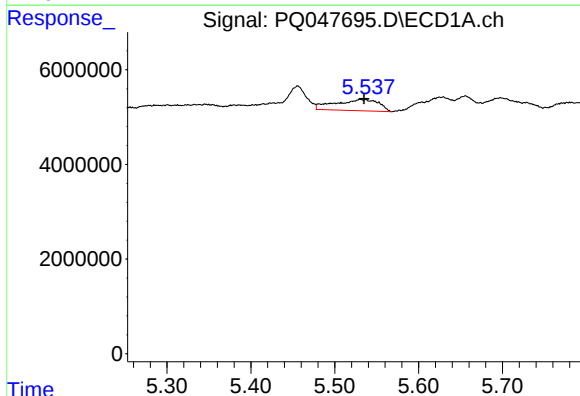
R.T.: 5.456 min
Delta R.T.: 0.007 min
Response: 9575646
Conc: 59.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



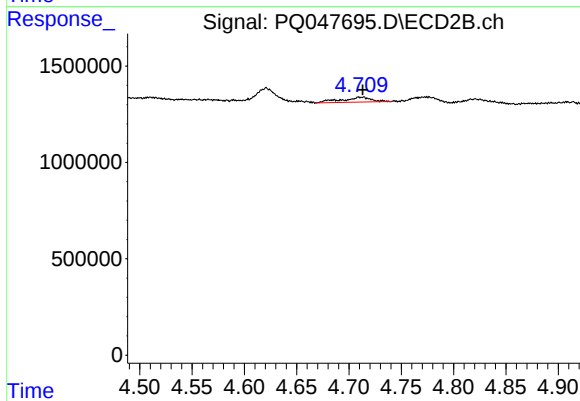
#9 AR-1221-2

R.T.: 4.621 min
Delta R.T.: -0.002 min
Response: 888279
Conc: 33.26 ng/ml



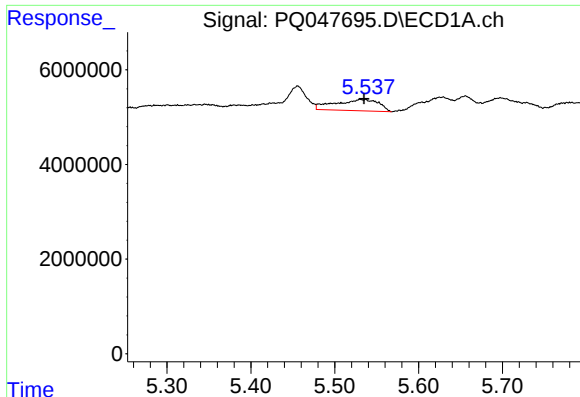
#10 AR-1221-3

R.T.: 5.537 min
Delta R.T.: 0.002 min
Response: 8591377
Conc: 17.62 ng/ml



#10 AR-1221-3

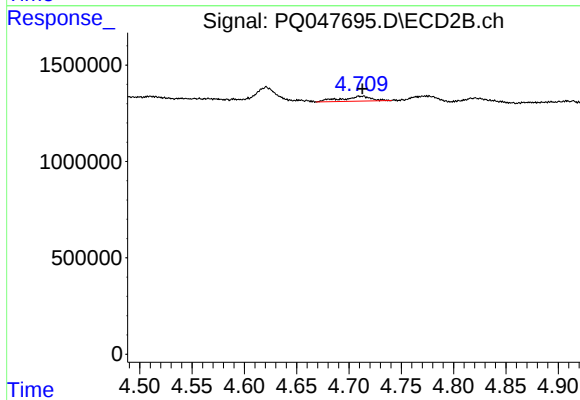
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 502540
Conc: 6.16 ng/ml



#11 AR-1232-1

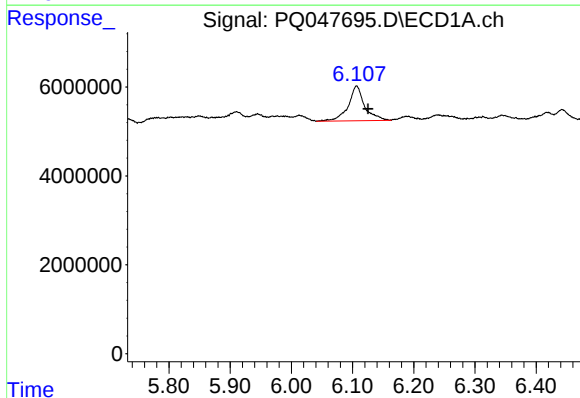
R.T.: 5.537 min
Delta R.T.: 0.002 min
Response: 8591377
Conc: 22.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



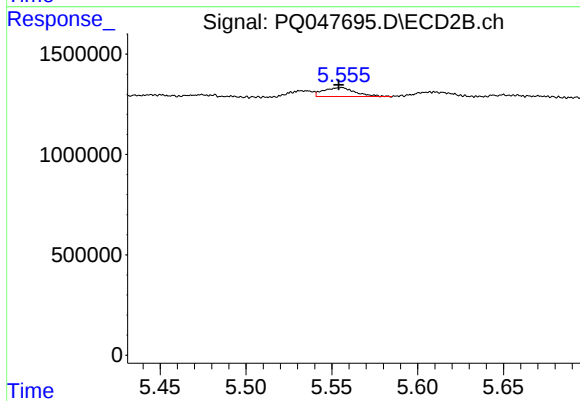
#11 AR-1232-1

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 502540
Conc: 7.87 ng/ml



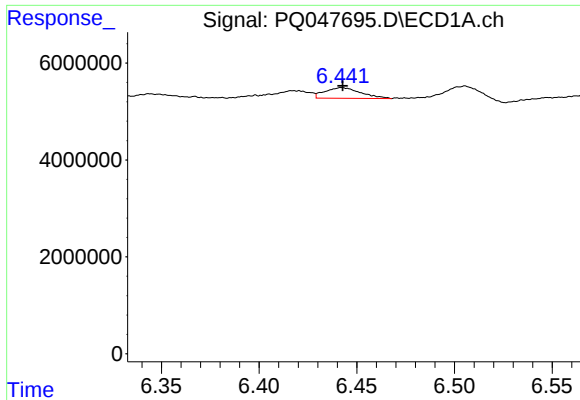
#12 AR-1232-2

R.T.: 6.107 min
Delta R.T.: -0.019 min
Response: 14673632
Conc: 74.36 ng/ml



#12 AR-1232-2

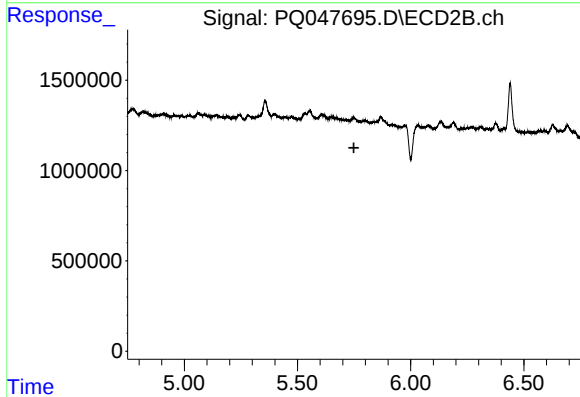
R.T.: 5.555 min
Delta R.T.: 0.001 min
Response: 581570
Conc: 8.94 ng/ml



#13 AR-1232-3

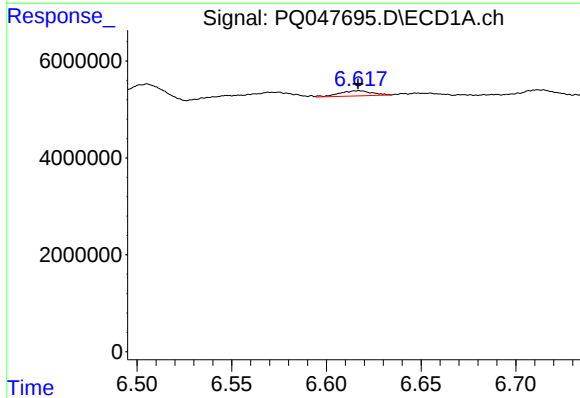
R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 2795869
Conc: 6.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



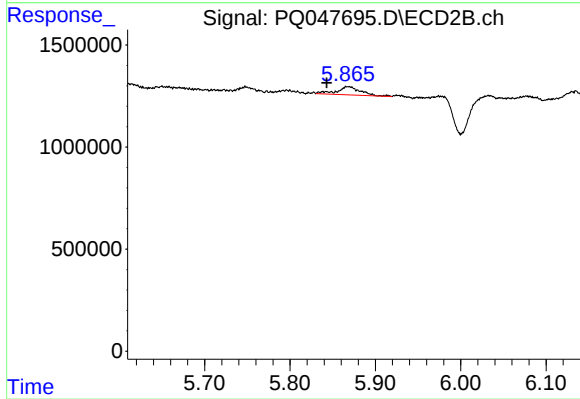
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.749 min
Response: 0
Conc: N.D.



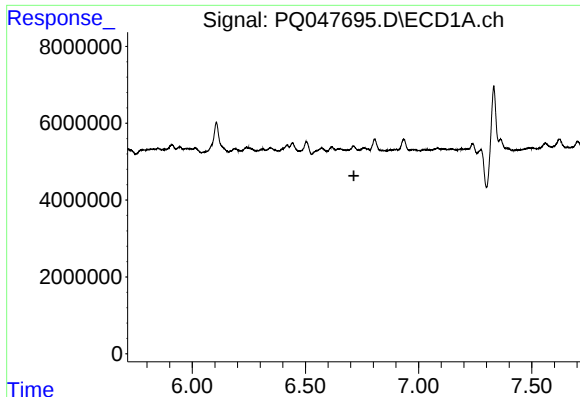
#14 AR-1232-4

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 1296331
Conc: 6.28 ng/ml



#14 AR-1232-4

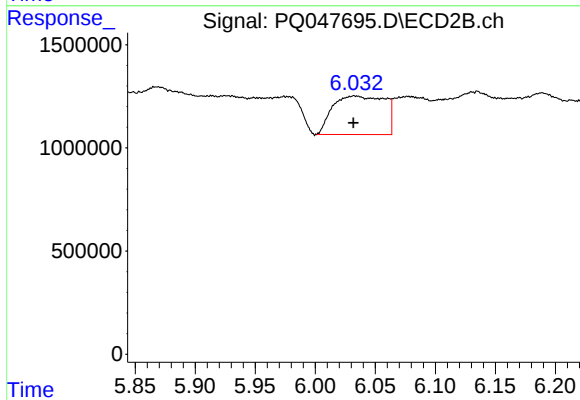
R.T.: 5.868 min
Delta R.T.: 0.025 min
Response: 786420
Conc: 26.83 ng/ml



#15 AR-1232-5

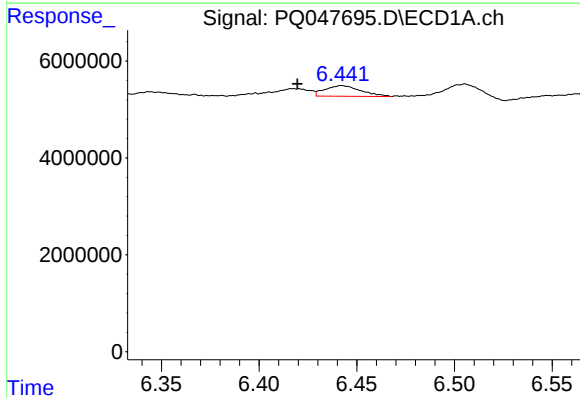
R.T.: 0.000 min
Exp R.T.: 6.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



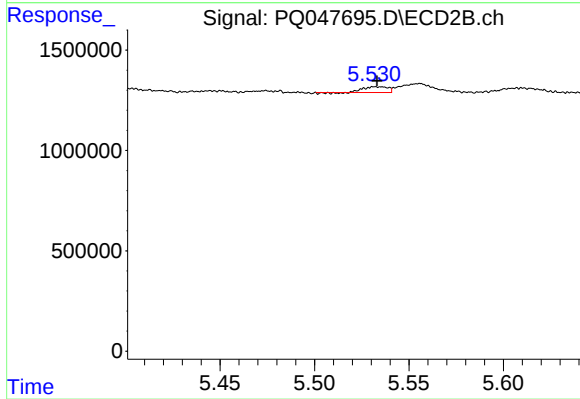
#15 AR-1232-5

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 5616231
Conc: 162.55 ng/ml



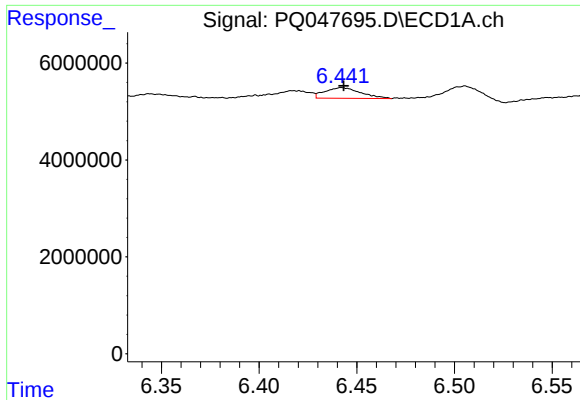
#16 AR-1242-1

R.T.: 6.442 min
Delta R.T.: 0.023 min
Response: 2795869
Conc: 5.03 ng/ml



#16 AR-1242-1

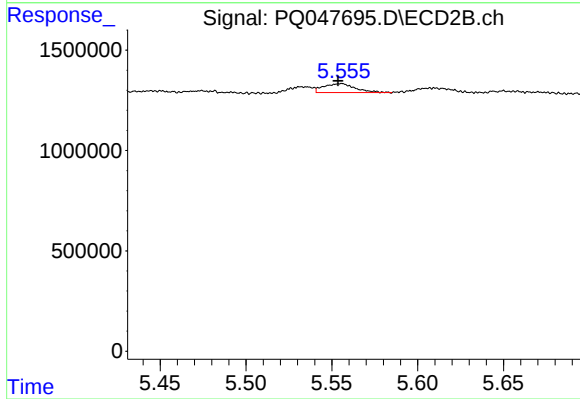
R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 248700
Conc: 2.58 ng/ml



#17 AR-1242-2

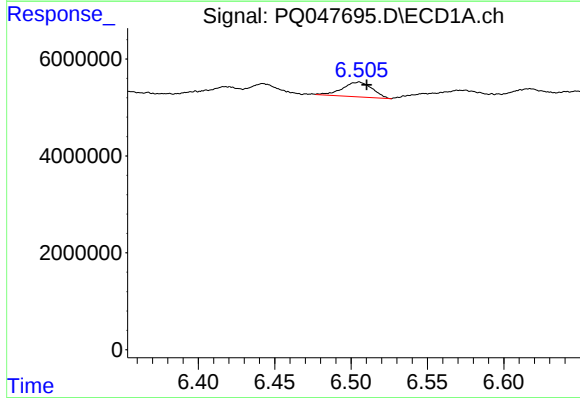
R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 2795869
Conc: 3.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



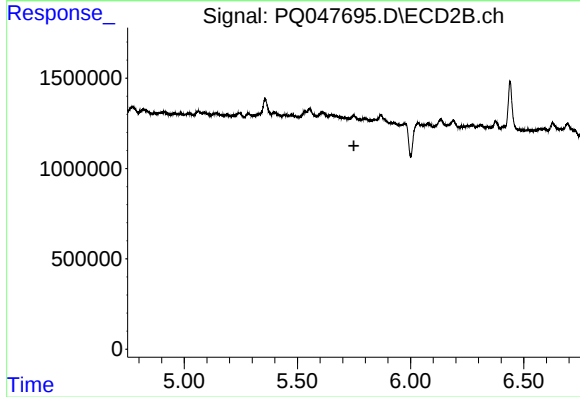
#17 AR-1242-2

R.T.: 5.555 min
Delta R.T.: 0.002 min
Response: 581570
Conc: 4.41 ng/ml



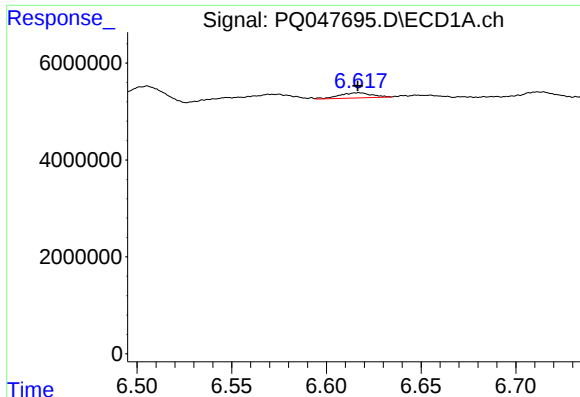
#18 AR-1242-3

R.T.: 6.505 min
Delta R.T.: -0.005 min
Response: 4094943
Conc: 8.54 ng/ml



#18 AR-1242-3

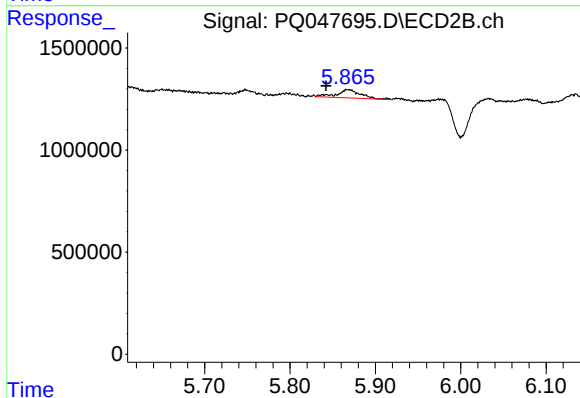
R.T.: 0.000 min
Exp R.T.: 5.749 min
Response: 0
Conc: N.D.



#19 AR-1242-4

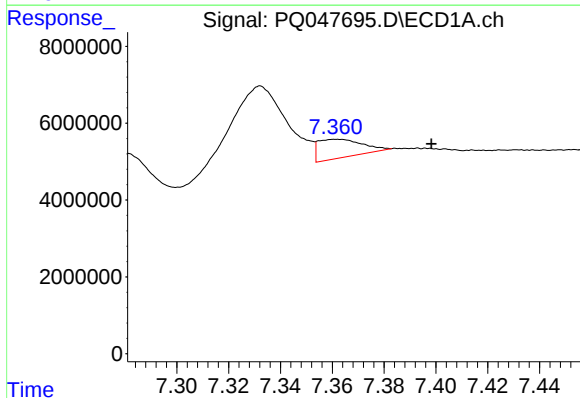
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 1296331
Conc: 3.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



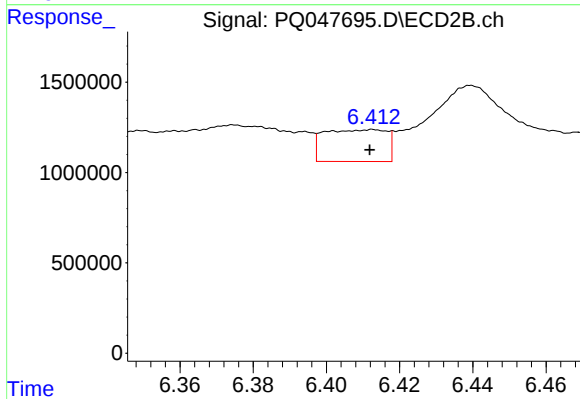
#19 AR-1242-4

R.T.: 5.868 min
Delta R.T.: 0.025 min
Response: 786420
Conc: 11.90 ng/ml



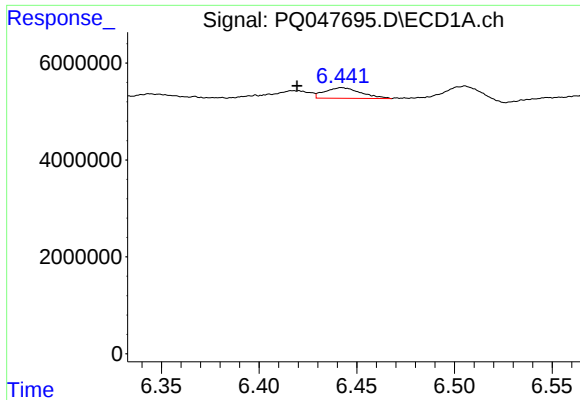
#20 AR-1242-5

R.T.: 7.362 min
Delta R.T.: -0.036 min
Response: 5720882
Conc: 12.28 ng/ml



#20 AR-1242-5

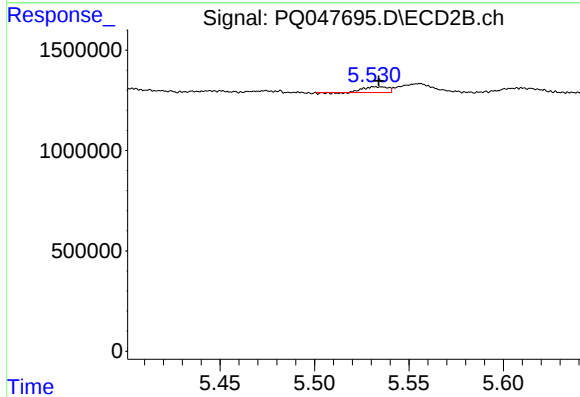
R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 2092453
Conc: 22.53 ng/ml



#21 AR-1248-1

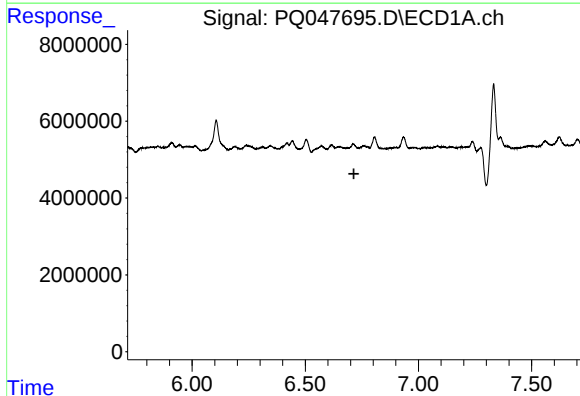
R.T.: 6.442 min
Delta R.T.: 0.023 min
Response: 2795869
Conc: 7.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



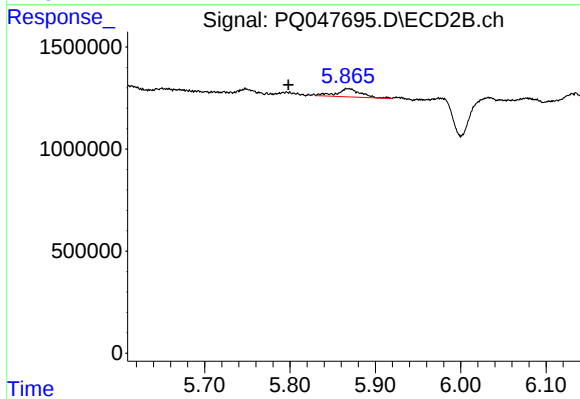
#21 AR-1248-1

R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 248700
Conc: 3.73 ng/ml



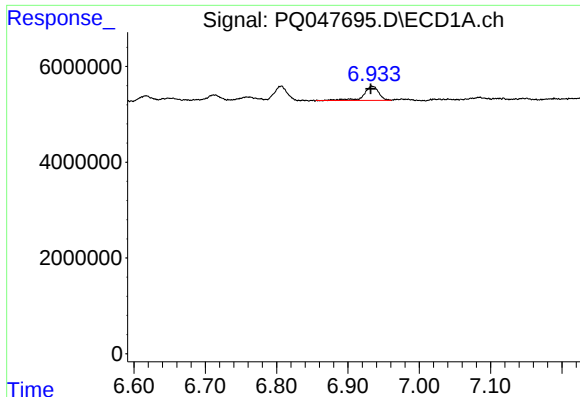
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.715 min
Response: 0
Conc: N.D.



#22 AR-1248-2

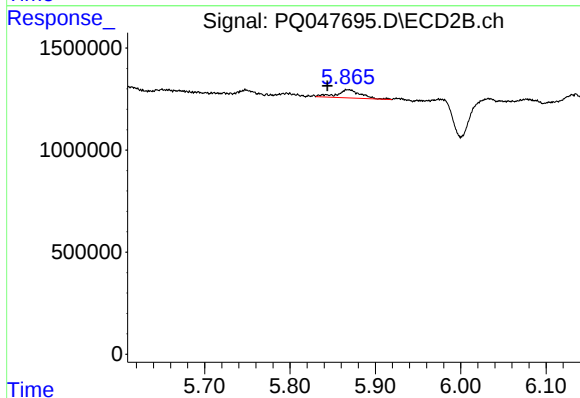
R.T.: 5.868 min
Delta R.T.: 0.070 min
Response: 786420
Conc: 9.41 ng/ml



#23 AR-1248-3

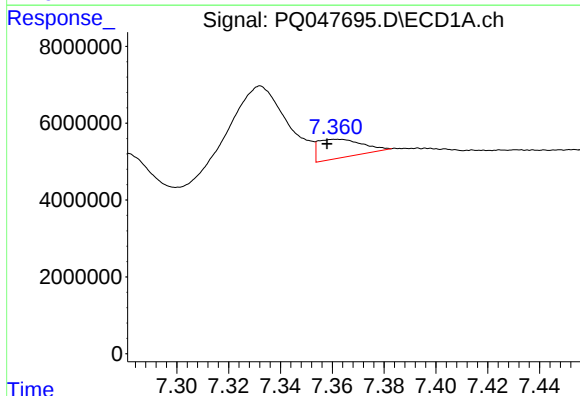
R.T.: 6.934 min
Delta R.T.: 0.002 min
Response: 4337365
Conc: 7.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



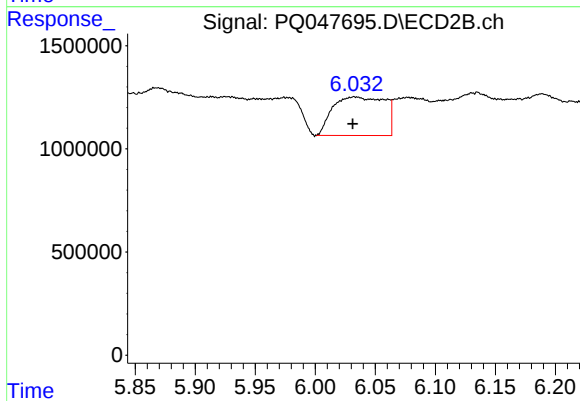
#23 AR-1248-3

R.T.: 5.868 min
Delta R.T.: 0.024 min
Response: 786420
Conc: 9.22 ng/ml



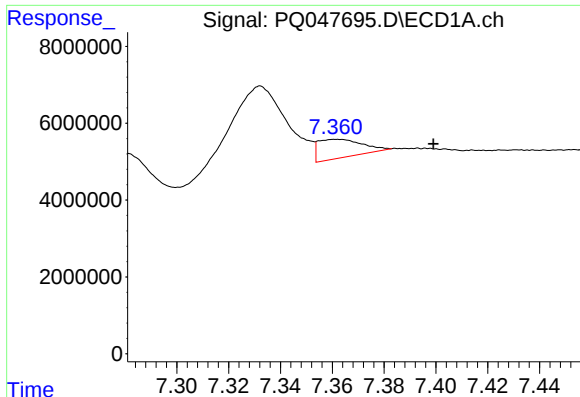
#24 AR-1248-4

R.T.: 7.362 min
Delta R.T.: 0.004 min
Response: 5720882
Conc: 8.33 ng/ml



#24 AR-1248-4

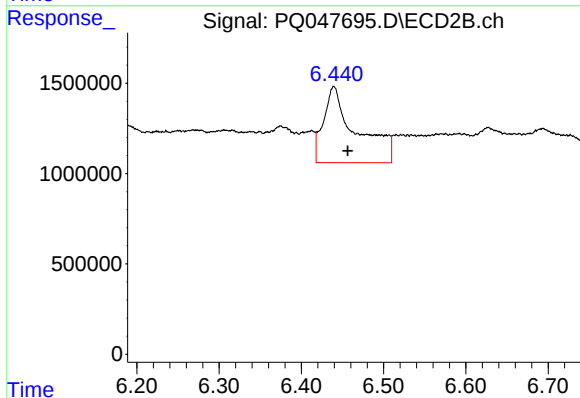
R.T.: 6.033 min
Delta R.T.: 0.002 min
Response: 5616231
Conc: 53.52 ng/ml



#25 AR-1248-5

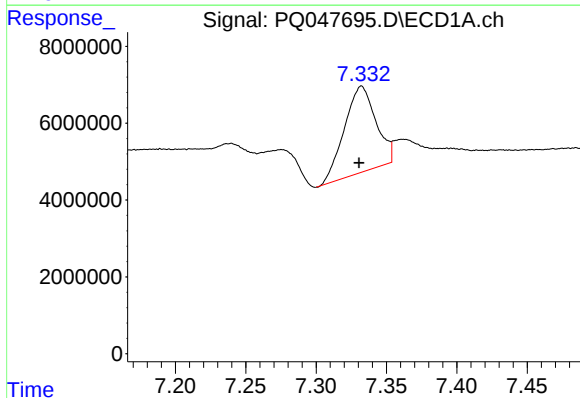
R.T.: 7.362 min
Delta R.T.: -0.037 min
Response: 5720882
Conc: 8.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



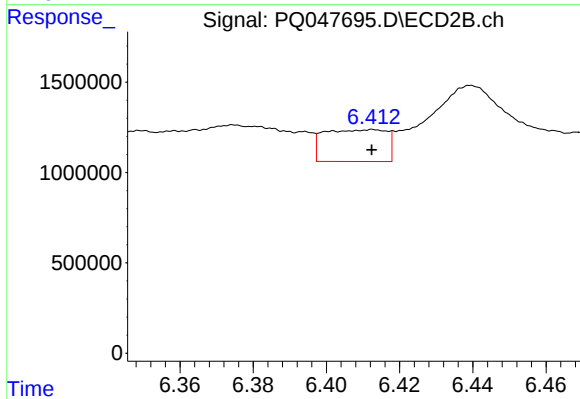
#25 AR-1248-5

R.T.: 6.440 min
Delta R.T.: -0.017 min
Response: 11629351
Conc: 110.27 ng/ml



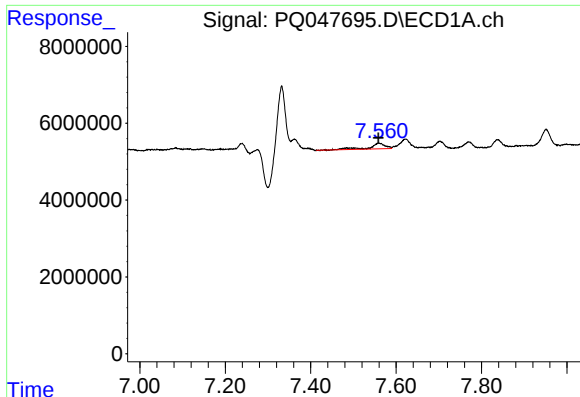
#26 AR-1254-1

R.T.: 7.332 min
Delta R.T.: 0.002 min
Response: 34925766
Conc: 49.87 ng/ml



#26 AR-1254-1

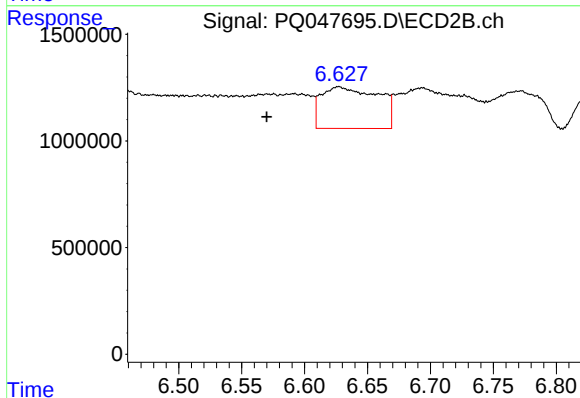
R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 2092453
Conc: 12.03 ng/ml



#27 AR-1254-2

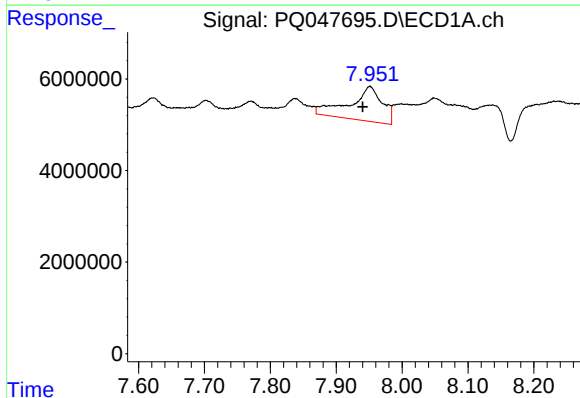
R.T.: 7.560 min
Delta R.T.: 0.001 min
Response: 3657780
Conc: 3.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



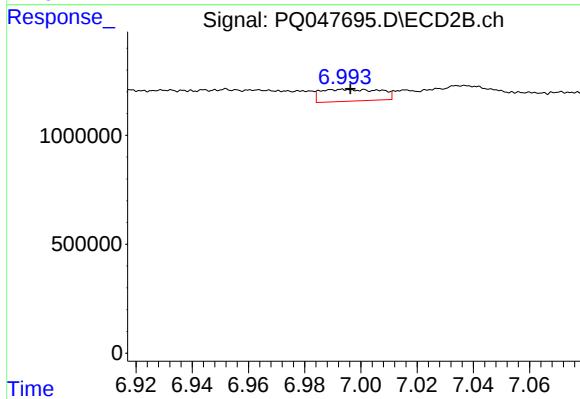
#27 AR-1254-2

R.T.: 6.627 min
Delta R.T.: 0.057 min
Response: 6116195
Conc: 40.51 ng/ml



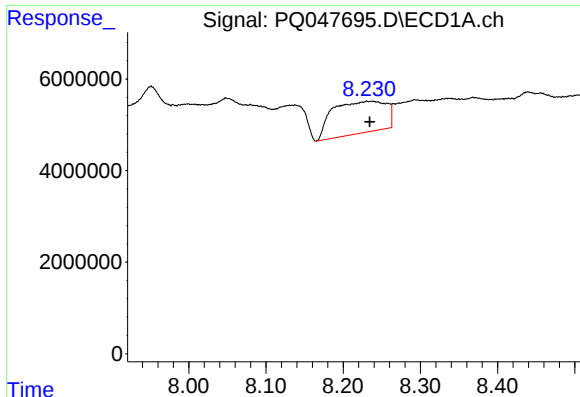
#28 AR-1254-3

R.T.: 7.951 min
Delta R.T.: 0.011 min
Response: 26212393
Conc: 22.53 ng/ml



#28 AR-1254-3

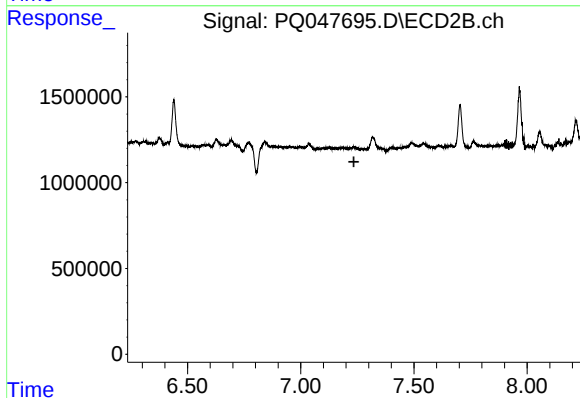
R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 790099
Conc: 3.25 ng/ml



#29 AR-1254-4

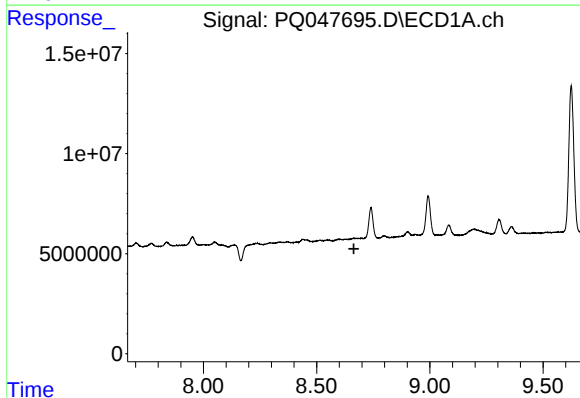
R.T.: 8.231 min
Delta R.T.: -0.004 min
Response: 33572292
Conc: 34.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



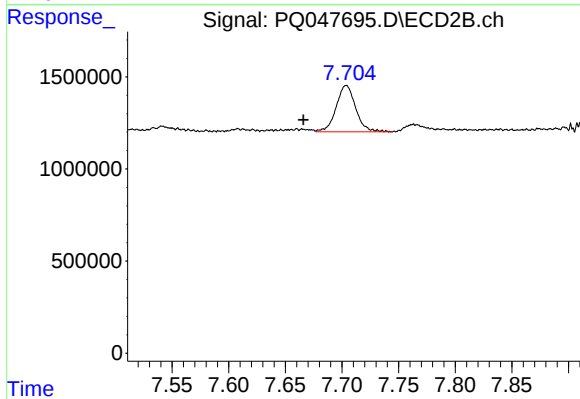
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.235 min
Response: 0
Conc: N.D.



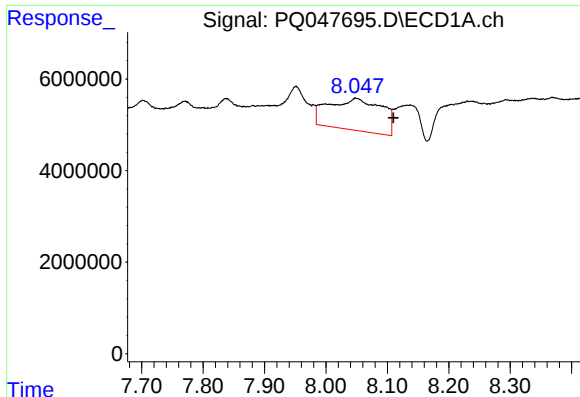
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.665 min
Response: 0
Conc: N.D.



#30 AR-1254-5

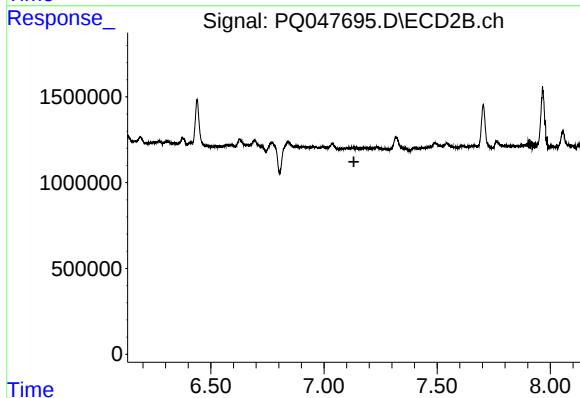
R.T.: 7.704 min
Delta R.T.: 0.038 min
Response: 3013436
Conc: 14.40 ng/ml



#31 AR-1260-1

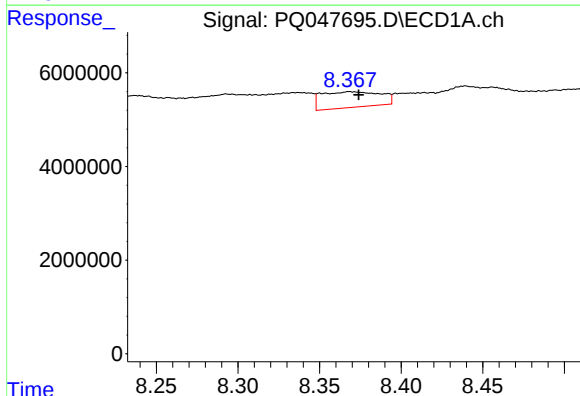
R.T.: 8.048 min
Delta R.T.: -0.061 min
Response: 42078138
Conc: 48.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



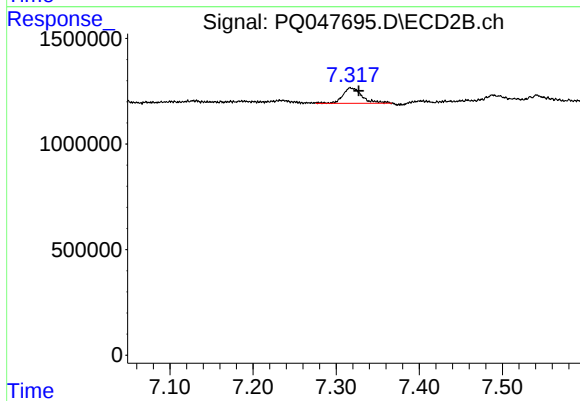
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.132 min
Response: 0
Conc: N.D.



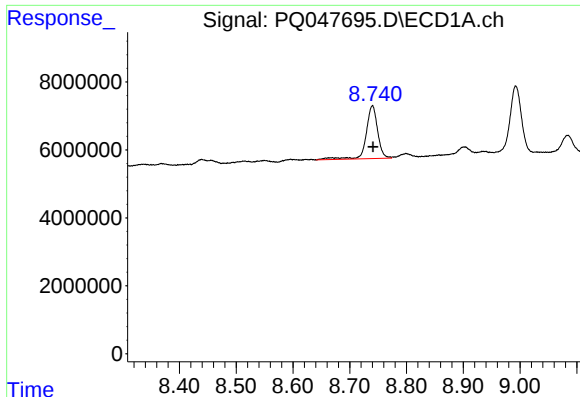
#32 AR-1260-2

R.T.: 8.368 min
Delta R.T.: -0.006 min
Response: 8404970
Conc: 7.39 ng/ml



#32 AR-1260-2

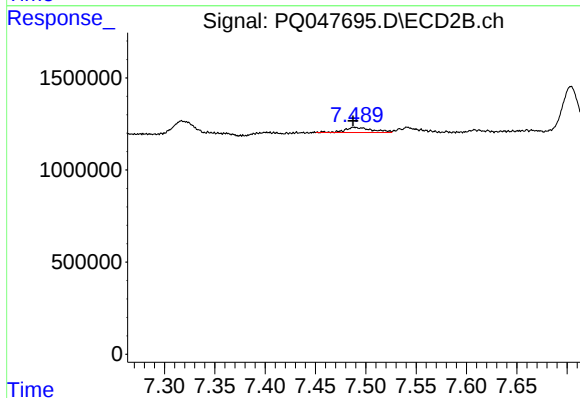
R.T.: 7.317 min
Delta R.T.: -0.010 min
Response: 1177100
Conc: 5.99 ng/ml



#33 AR-1260-3

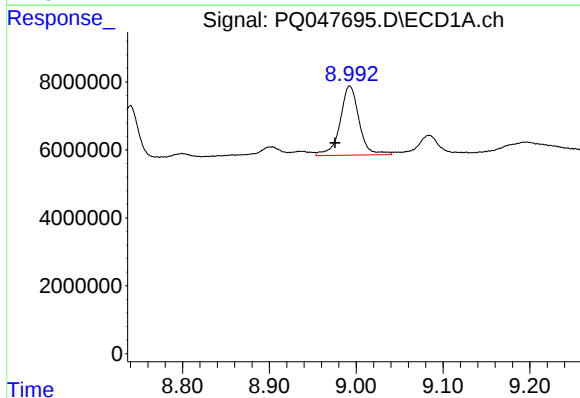
R.T.: 8.740 min
Delta R.T.: -0.001 min
Response: 21970044
Conc: 22.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



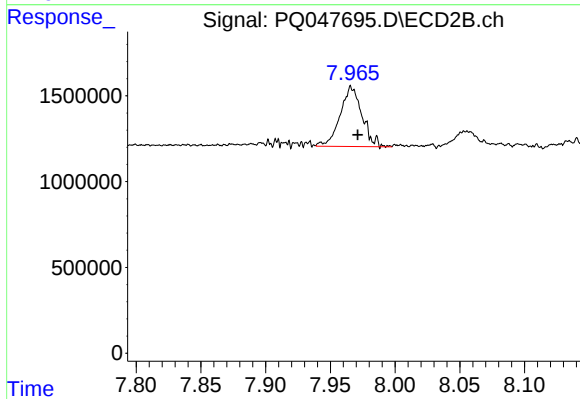
#33 AR-1260-3

R.T.: 7.489 min
Delta R.T.: 0.001 min
Response: 529906
Conc: 2.90 ng/ml



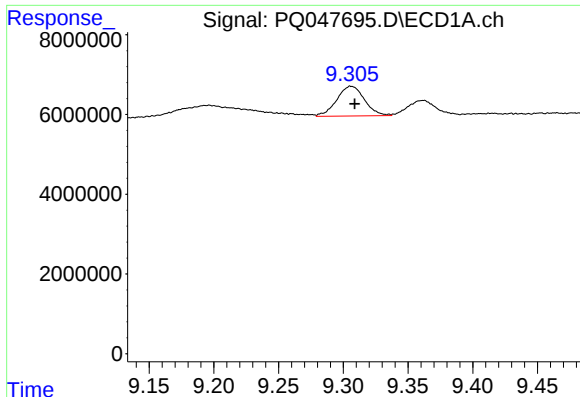
#34 AR-1260-4

R.T.: 8.993 min
Delta R.T.: 0.017 min
Response: 31053204
Conc: 31.98 ng/ml



#34 AR-1260-4

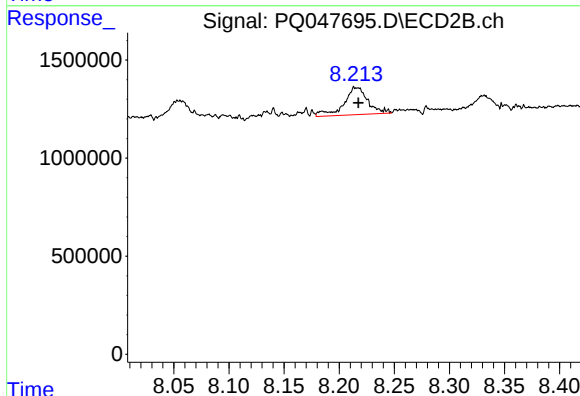
R.T.: 7.966 min
Delta R.T.: -0.005 min
Response: 4095976
Conc: 27.15 ng/ml



#35 AR-1260-5

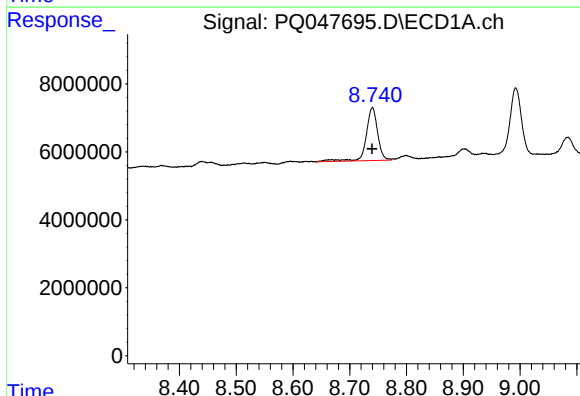
R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 11127545
Conc: 4.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



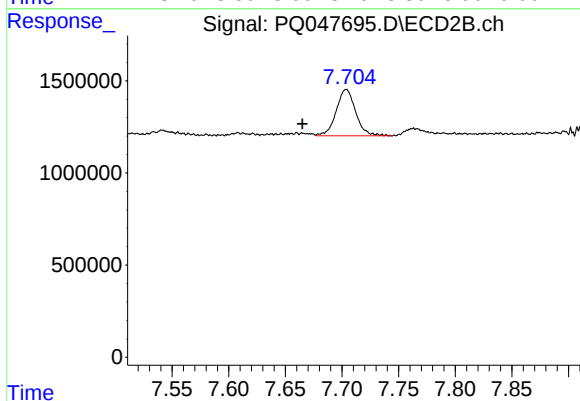
#35 AR-1260-5

R.T.: 8.216 min
Delta R.T.: -0.002 min
Response: 2102632
Conc: 5.43 ng/ml



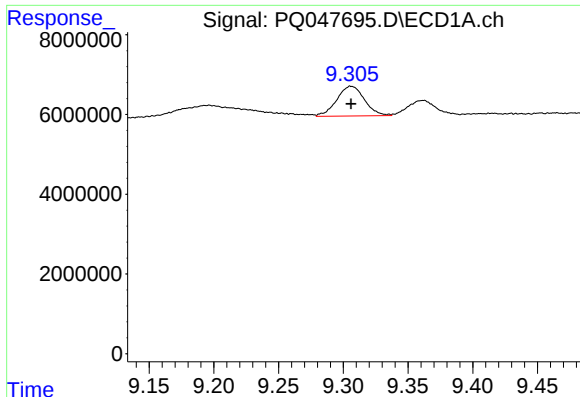
#36 AR-1262-1

R.T.: 8.740 min
Delta R.T.: 0.000 min
Response: 21970044
Conc: 15.90 ng/ml



#36 AR-1262-1

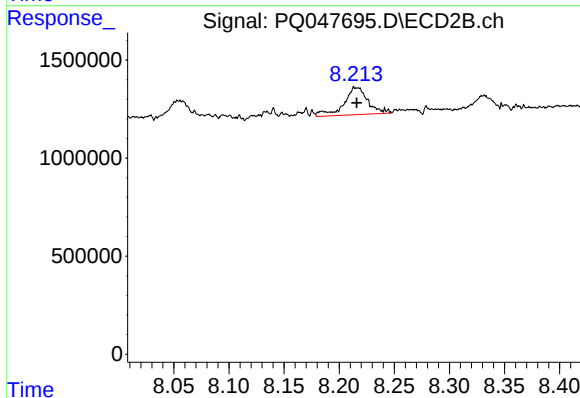
R.T.: 7.704 min
Delta R.T.: 0.039 min
Response: 3013436
Conc: 27.20 ng/ml



#37 AR-1262-2

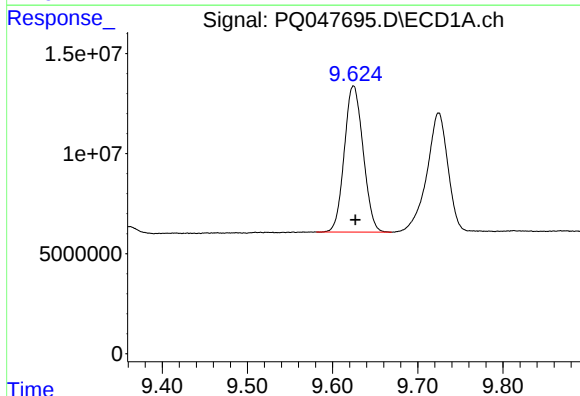
R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 11127545
Conc: 4.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



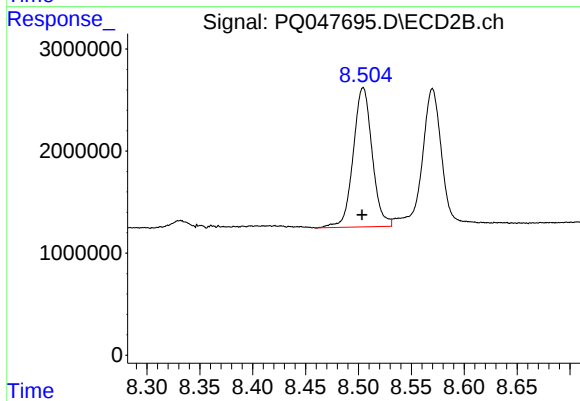
#37 AR-1262-2

R.T.: 8.216 min
Delta R.T.: 0.000 min
Response: 2102632
Conc: 4.99 ng/ml



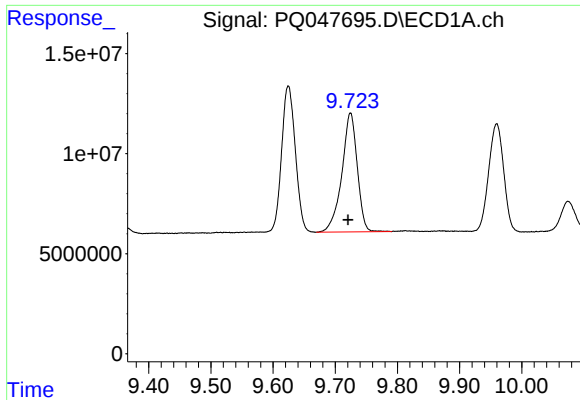
#38 AR-1262-3

R.T.: 9.625 min
Delta R.T.: -0.002 min
Response: 111931381
Conc: 64.42 ng/ml



#38 AR-1262-3

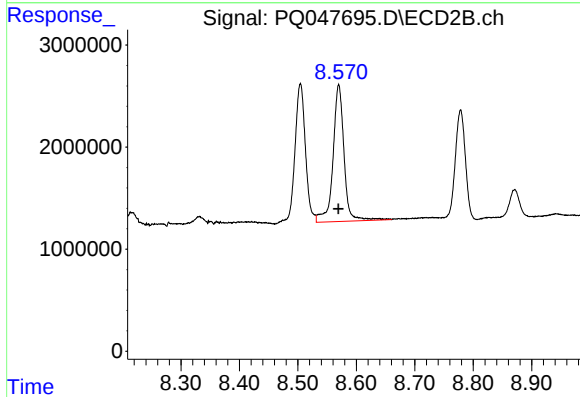
R.T.: 8.504 min
Delta R.T.: 0.001 min
Response: 17053480
Conc: 105.86 ng/ml



#39 AR-1262-4

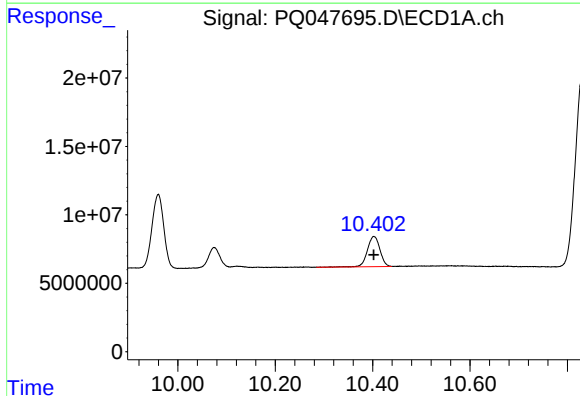
R.T.: 9.725 min
Delta R.T.: 0.004 min
Response: 102570763
Conc: 76.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



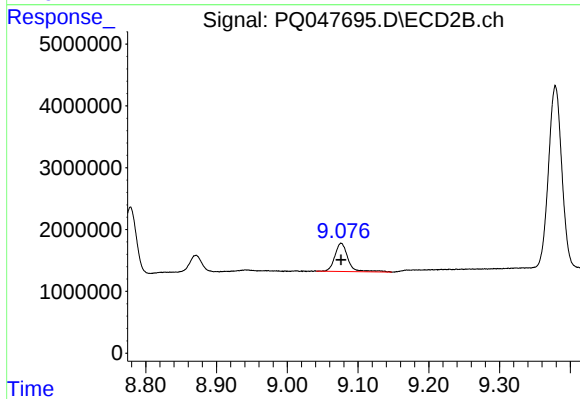
#39 AR-1262-4

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 17564331
Conc: 57.39 ng/ml



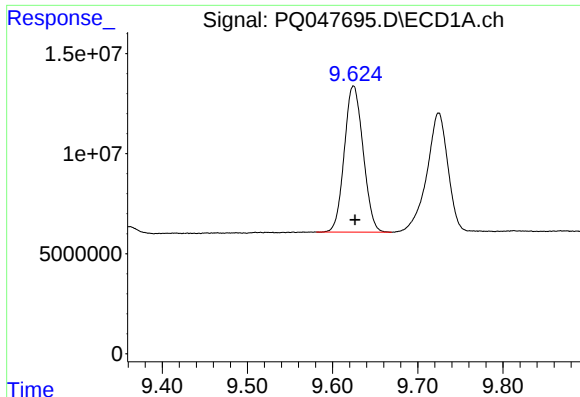
#40 AR-1262-5

R.T.: 10.403 min
Delta R.T.: 0.000 min
Response: 39342468
Conc: 40.11 ng/ml



#40 AR-1262-5

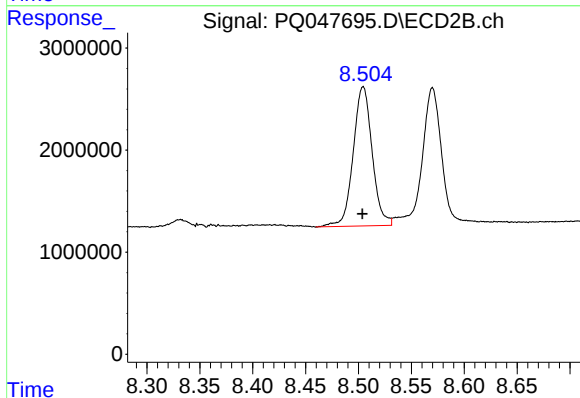
R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 5879018
Conc: 41.04 ng/ml



#41 AR-1268-1

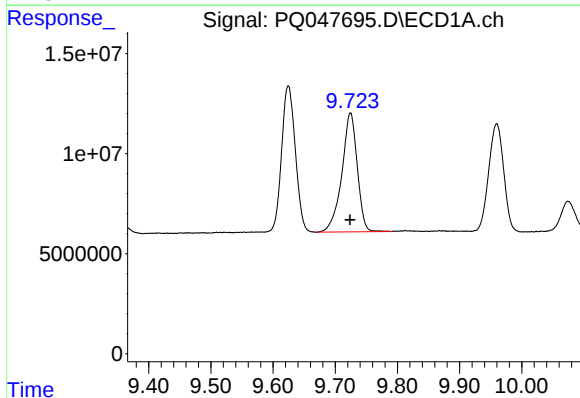
R.T.: 9.625 min
Delta R.T.: -0.002 min
Response: 111931381
Conc: 31.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



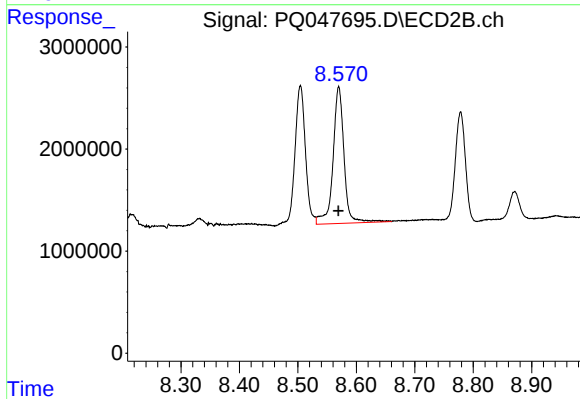
#41 AR-1268-1

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 17053480
Conc: 31.00 ng/ml



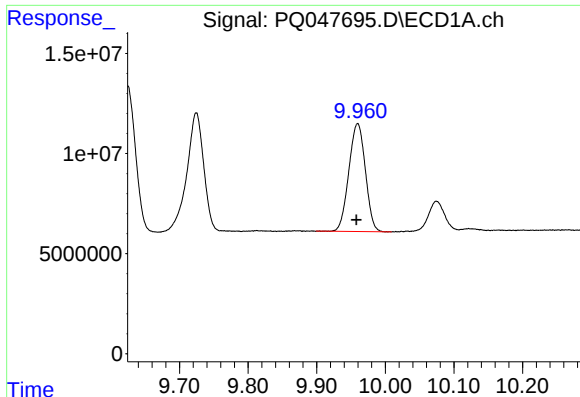
#42 AR-1268-2

R.T.: 9.725 min
Delta R.T.: 0.000 min
Response: 102570763
Conc: 31.94 ng/ml



#42 AR-1268-2

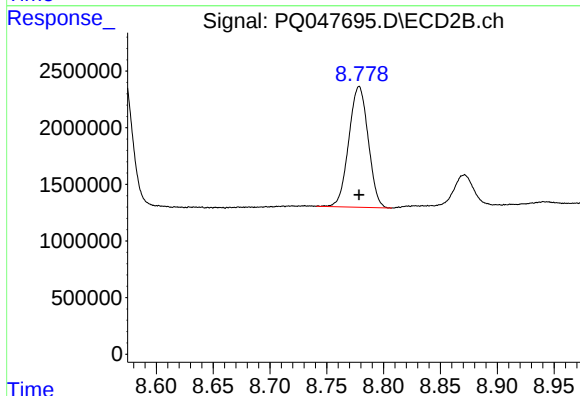
R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 17564331
Conc: 34.54 ng/ml



#43 AR-1268-3

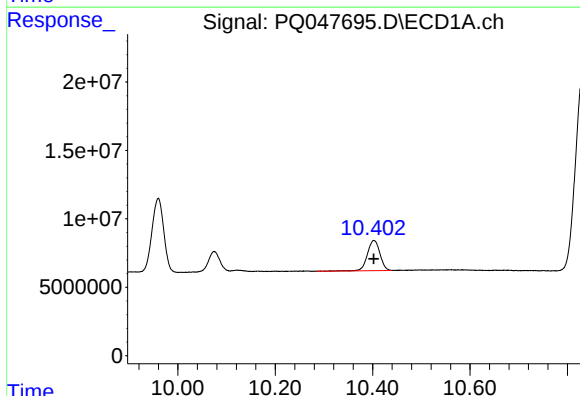
R.T.: 9.960 min
Delta R.T.: 0.002 min
Response: 90266256
Conc: 32.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



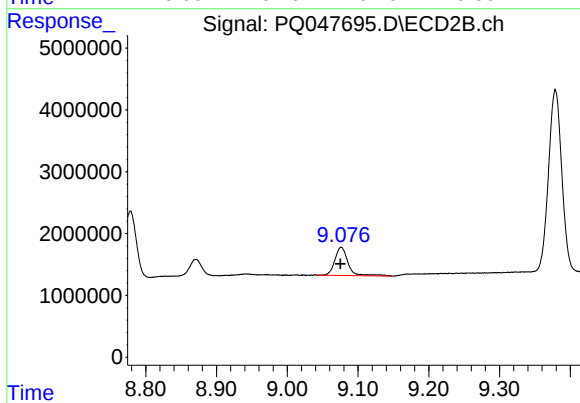
#43 AR-1268-3

R.T.: 8.778 min
Delta R.T.: 0.000 min
Response: 12666226
Conc: 30.57 ng/ml



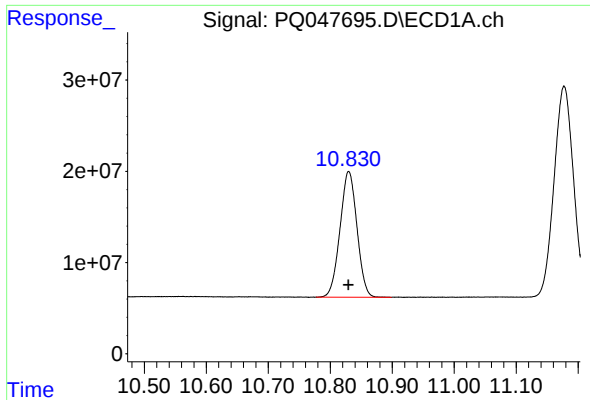
#44 AR-1268-4

R.T.: 10.403 min
Delta R.T.: 0.000 min
Response: 39342468
Conc: 33.90 ng/ml



#44 AR-1268-4

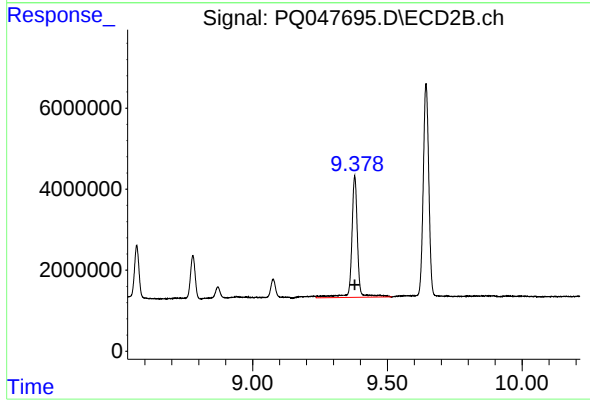
R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 5879018
Conc: 34.51 ng/ml



#45 AR-1268-5

R.T.: 10.830 min
Delta R.T.: 0.000 min
Response: 262566343
Conc: 32.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: 0.000 min
Response: 45398926
Conc: 34.76 ng/ml