

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091919\
 Data File : PQ043671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2019 09:22
 Operator : SM\AJ
 Sample : AR1221CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1221CCC400

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 09:55:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 19 00:01:44 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...	5.233	4.411	35266124	16340603	16.487	17.826
2)	SA Decachlor...	11.400	9.866	329.7E6	126.3E6	42.071	41.334
Target Compounds							
3)	L1 AR-1016-1	6.548	5.714	2071474	2531442	21.185	66.716 #
4)	L1 AR-1016-2	6.572	5.714	3511119	2531442	24.707	48.478 #
5)	L1 AR-1016-3	6.639	5.911	2471167	681531	28.700	24.233
6)	L1 AR-1016-4	6.745	5.911	1614971	681531	22.071	29.046 #
7)	L1 AR-1016-5	7.060	6.194	1284604	2691196	16.576	84.096 #
8)	L2 AR-1221-1	5.477	4.674	7747518	4215433	338.507	385.993
9)	L2 AR-1221-2	5.575	4.777	5387407	3211080	311.465	403.823 #
10)	L2 AR-1221-3	5.663	4.868	20240983	10972533	335.884	400.726
11)	L3 AR-1232-1	5.663	4.868	20240983	10972533	397.376	462.096
12)	L3 AR-1232-2	6.255	5.714	1820892	2531442	64.361	103.704 #
13)	L3 AR-1232-3	6.572	5.911	3511119	681531	55.606	53.741
14)	L3 AR-1232-4	6.745	0.000	1614971	0	49.432	N.D. #
15)	L3 AR-1232-5	6.845	6.194	1074568	2691196	43.095	199.467 #
16)	L4 AR-1242-1	6.548	5.714	2071474	2531442	24.759	77.267 #
17)	L4 AR-1242-2	6.572	5.714	3511119	2531442	28.901	55.611 #
18)	L4 AR-1242-3	6.639	5.911	2471167	681531	33.616	28.118
19)	L4 AR-1242-4	6.745	0.000	1614971	0	25.641	N.D. #
20)	L4 AR-1242-5	7.528	6.575	4826219	739819	52.728	21.088 #
21)	L5 AR-1248-1	6.548	5.714	2071474	2531442	29.392	91.743 #
22)	L5 AR-1248-2	6.845	5.911	1074568	681531	10.577	18.105 #
23)	L5 AR-1248-3	7.060	0.000	1284604	0	10.665	N.D. #
24)	L5 AR-1248-4	7.488	6.194	4362314	2691196	27.270	57.178 #
25)	L5 AR-1248-5	7.528	6.611	4826219	992943	30.916	18.859 #
26)	L6 AR-1254-1	7.461	6.575	5502288	739819	39.140	10.193 #
27)	L6 AR-1254-2	7.692	0.000	6960589	0	29.345	N.D. #
28)	L6 AR-1254-3	8.081	7.164	8097817	519330	28.251	4.376 #
29)	L6 AR-1254-4	8.359	7.399	8774449	147834	36.489	1.724 #
30)	L6 AR-1254-5	8.789	0.000	1290934	0	4.077	N.D. #
31)	L7 AR-1260-1	0.000	7.284	0	459322	N.D.	6.568 #
32)	L7 AR-1260-2	8.459	7.486	8455976	709597	34.597	7.873 #
38)	L8 AR-1262-3	0.000	8.678	0	1582715	N.D.	12.805 #
39)	L8 AR-1262-4	0.000	8.678	0	1582715	N.D.	6.550 #
40)	L8 AR-1262-5	10.551	9.279	1102228	5751237	3.121	38.244 #
41)	L9 AR-1268-1	0.000	8.678	0	1582715	N.D.	4.754 #
42)	L9 AR-1268-2	0.000	8.678	0	1582715	N.D.	4.901 #
43)	L9 AR-1268-3	10.134	8.956	1773030	2128899	2.519	7.449 #
44)	L9 AR-1268-4	10.551	9.279	1102228	5751237	2.862	35.685 #
45)	L9 AR-1268-5	11.040	9.585	2936921	7767000	0.950	6.328 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091919\
Data File : PQ043671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2019 09:22
Operator : SM\AJ
Sample : AR1221CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:55:36 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 19 00:01:44 2019
Response via : Initial Calibration
Integrator: ChemStation

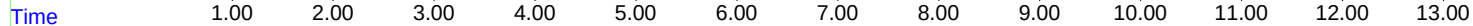
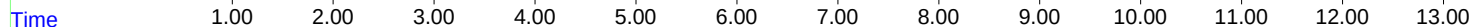
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

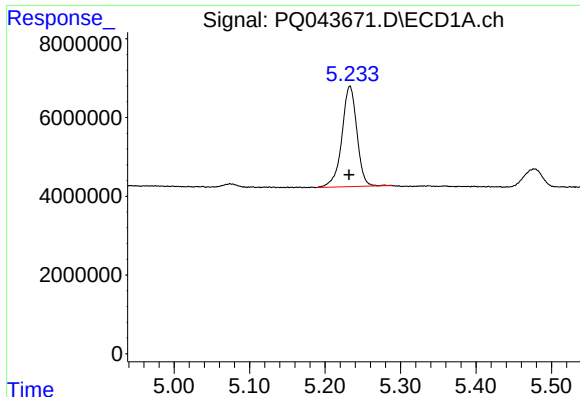
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400

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

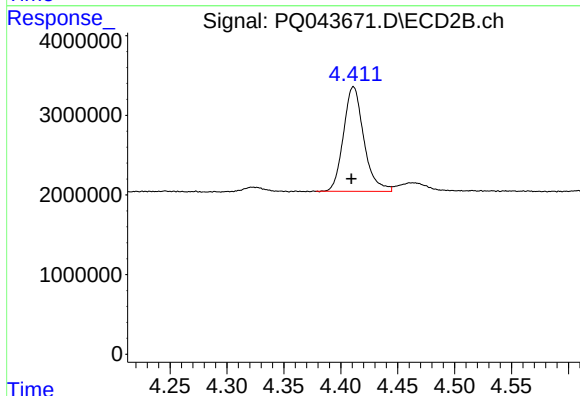




#1 Tetrachloro-m-xylene

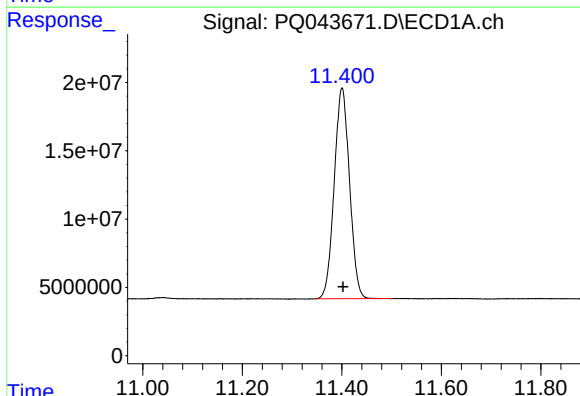
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 35266124
Conc: 16.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



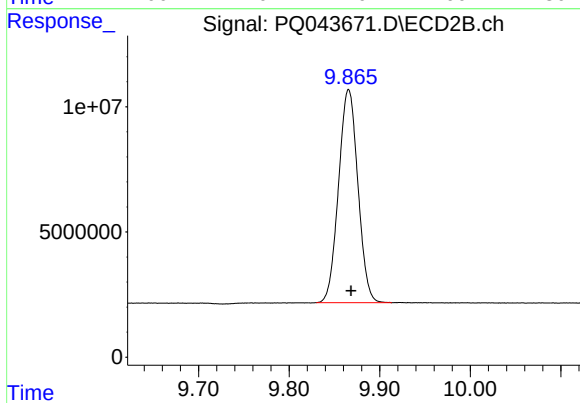
#1 Tetrachloro-m-xylene

R.T.: 4.411 min
Delta R.T.: 0.002 min
Response: 16340603
Conc: 17.83 ng/ml



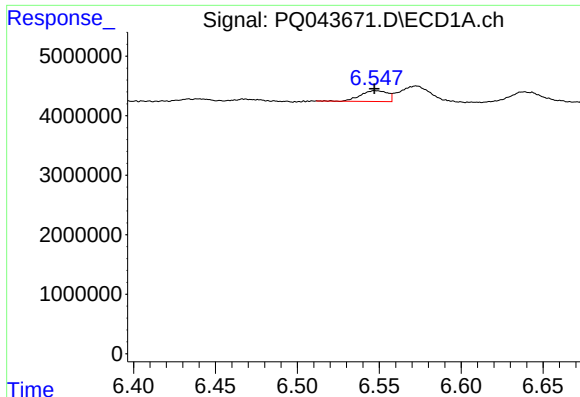
#2 Decachlorobiphenyl

R.T.: 11.400 min
Delta R.T.: -0.002 min
Response: 329718797
Conc: 42.07 ng/ml



#2 Decachlorobiphenyl

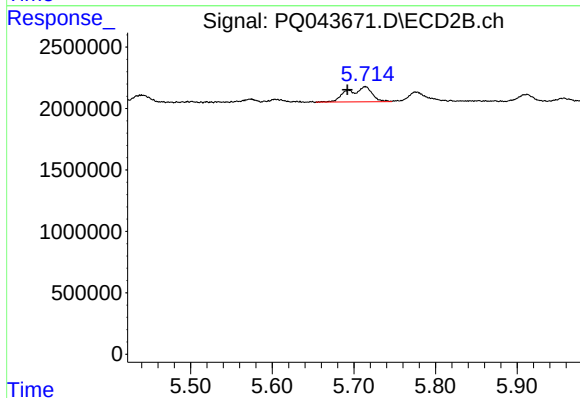
R.T.: 9.866 min
Delta R.T.: -0.003 min
Response: 126289162
Conc: 41.33 ng/ml



#3 AR-1016-1

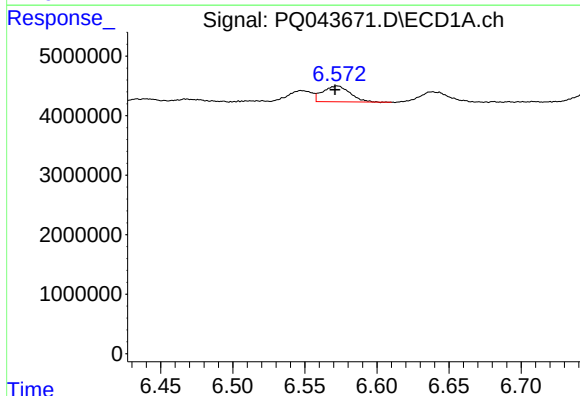
R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: 2071474
Conc: 21.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



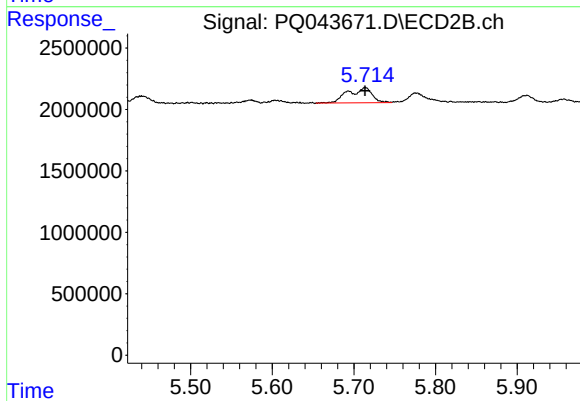
#3 AR-1016-1

R.T.: 5.714 min
Delta R.T.: 0.022 min
Response: 2531442
Conc: 66.72 ng/ml



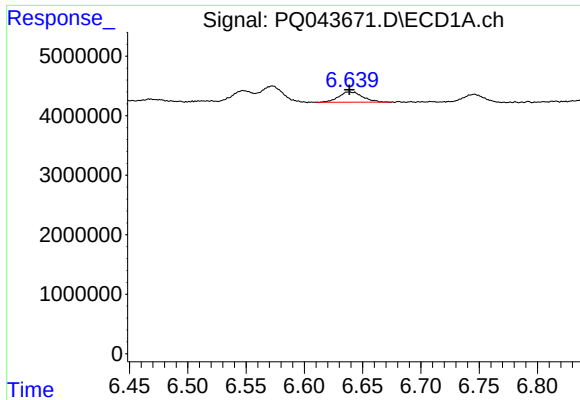
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 3511119
Conc: 24.71 ng/ml



#4 AR-1016-2

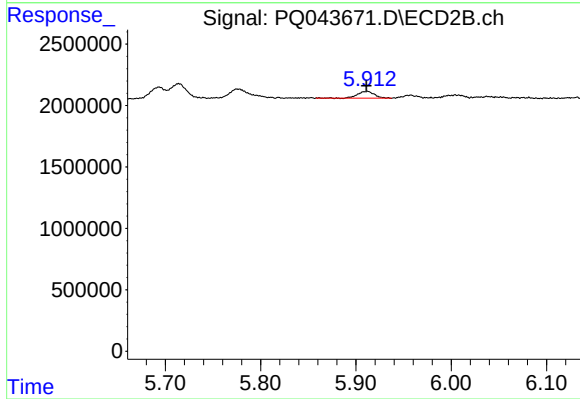
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 2531442
Conc: 48.48 ng/ml



#5 AR-1016-3

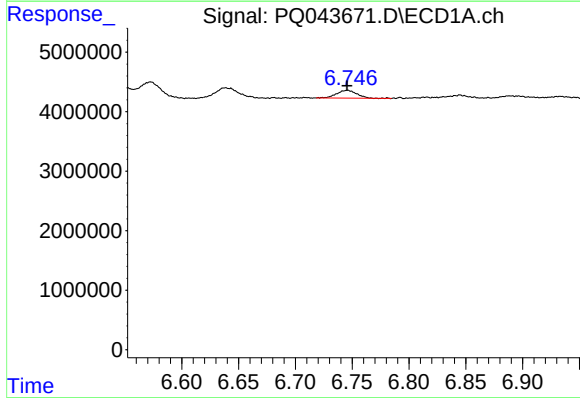
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 2471167
Conc: 28.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



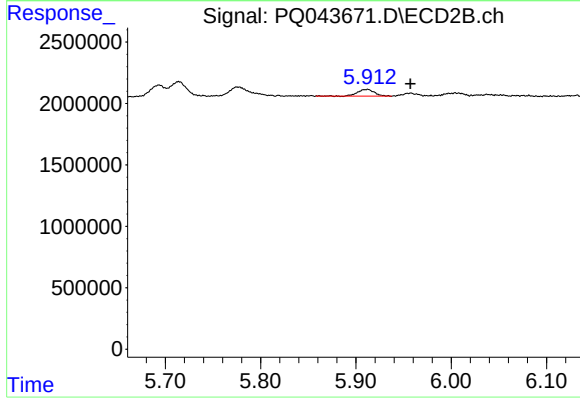
#5 AR-1016-3

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 681531
Conc: 24.23 ng/ml



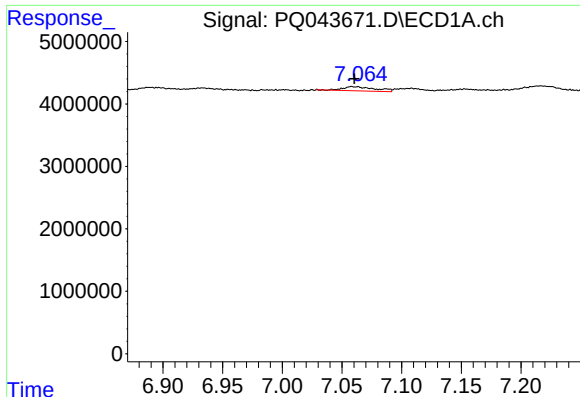
#6 AR-1016-4

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1614971
Conc: 22.07 ng/ml



#6 AR-1016-4

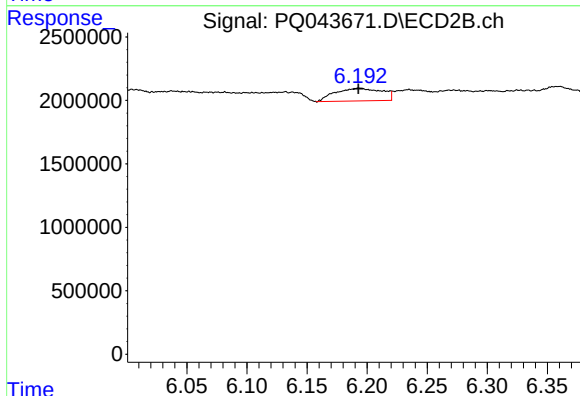
R.T.: 5.911 min
Delta R.T.: -0.046 min
Response: 681531
Conc: 29.05 ng/ml



#7 AR-1016-5

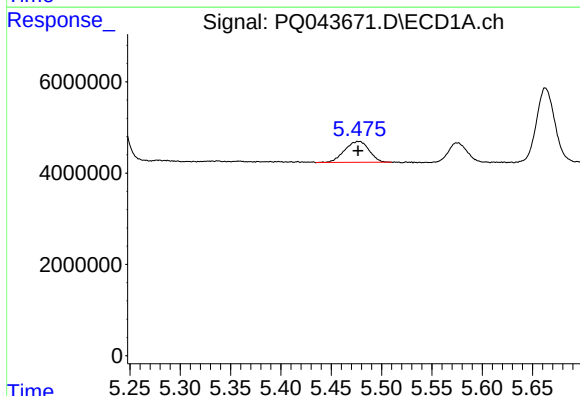
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 1284604
Conc: 16.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



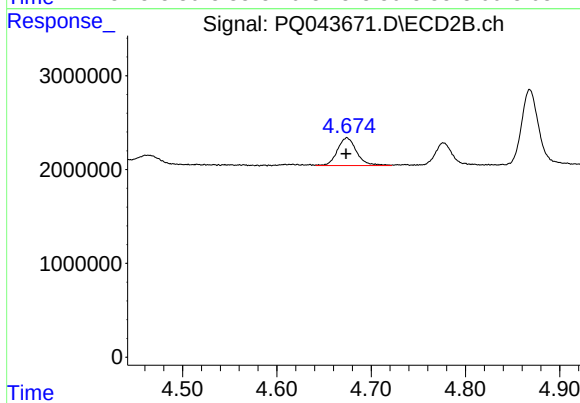
#7 AR-1016-5

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 2691196
Conc: 84.10 ng/ml



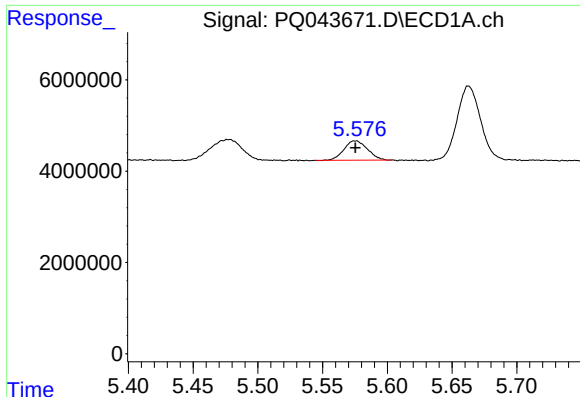
#8 AR-1221-1

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 7747518
Conc: 338.51 ng/ml



#8 AR-1221-1

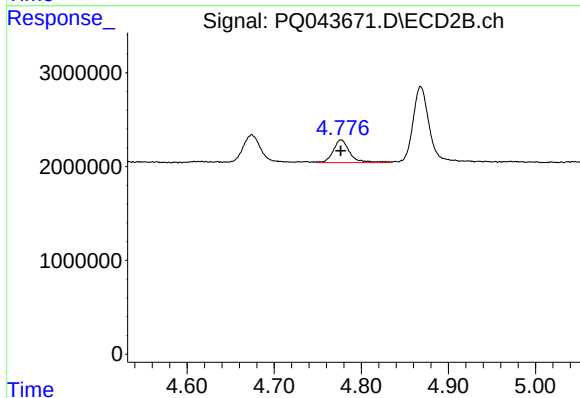
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 4215433
Conc: 385.99 ng/ml



#9 AR-1221-2

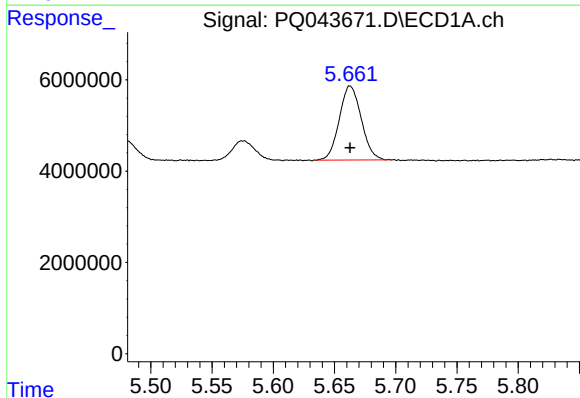
R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 5387407
Conc: 311.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



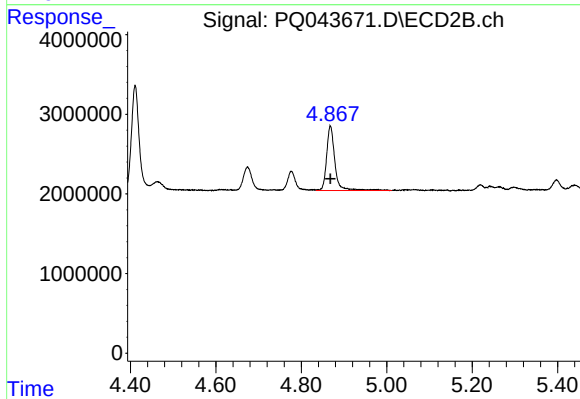
#9 AR-1221-2

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 3211080
Conc: 403.82 ng/ml



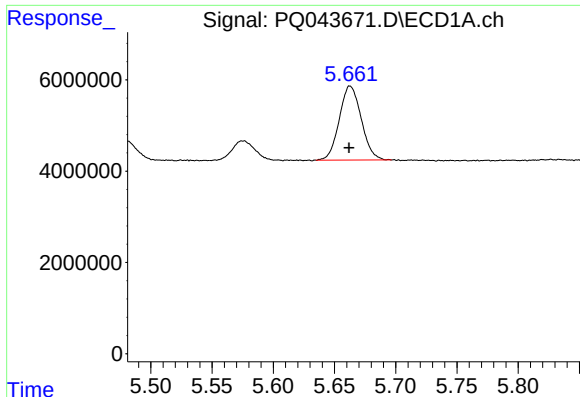
#10 AR-1221-3

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 20240983
Conc: 335.88 ng/ml



#10 AR-1221-3

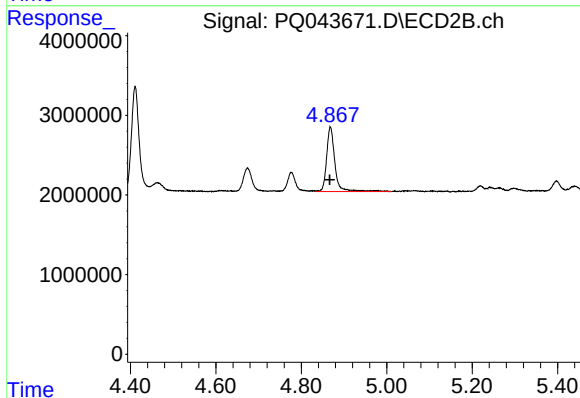
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 10972533
Conc: 400.73 ng/ml



#11 AR-1232-1

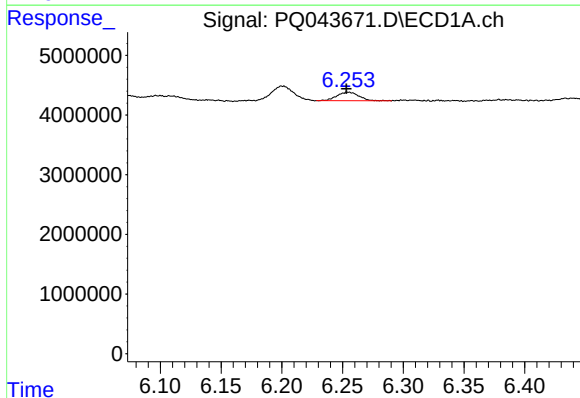
R.T.: 5.663 min
Delta R.T.: 0.001 min
Response: 20240983
Conc: 397.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



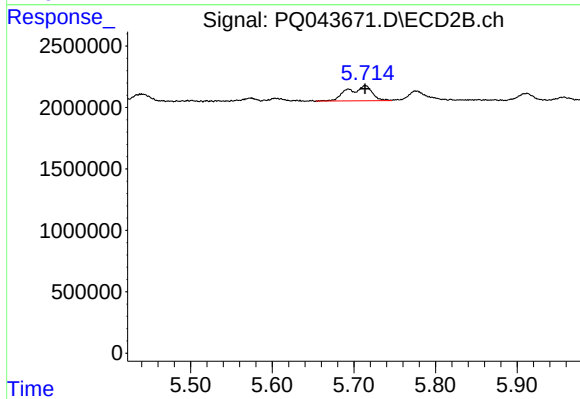
#11 AR-1232-1

R.T.: 4.868 min
Delta R.T.: 0.001 min
Response: 10972533
Conc: 462.10 ng/ml



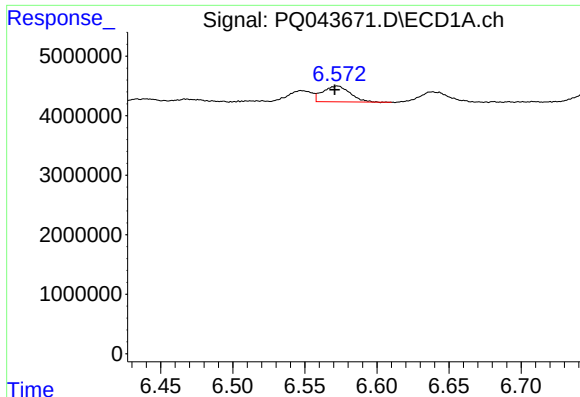
#12 AR-1232-2

R.T.: 6.255 min
Delta R.T.: 0.002 min
Response: 1820892
Conc: 64.36 ng/ml



#12 AR-1232-2

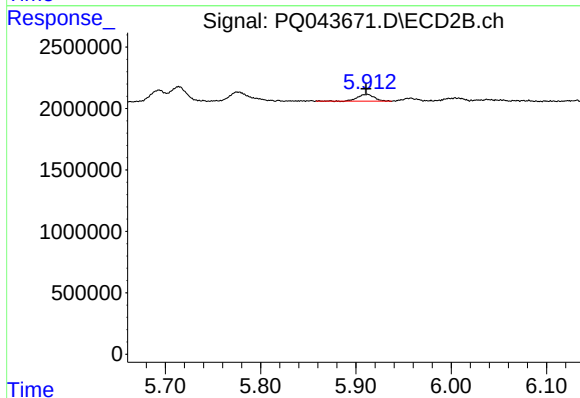
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 2531442
Conc: 103.70 ng/ml



#13 AR-1232-3

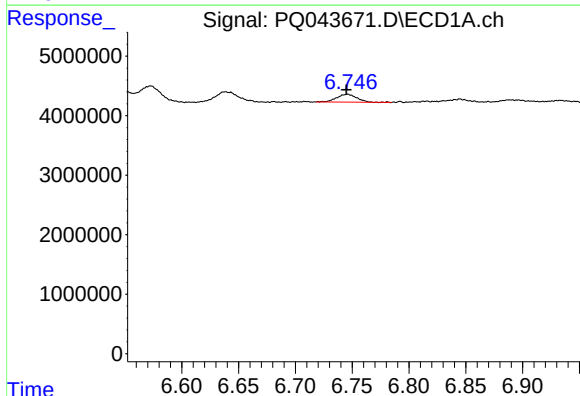
R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 3511119
Conc: 55.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



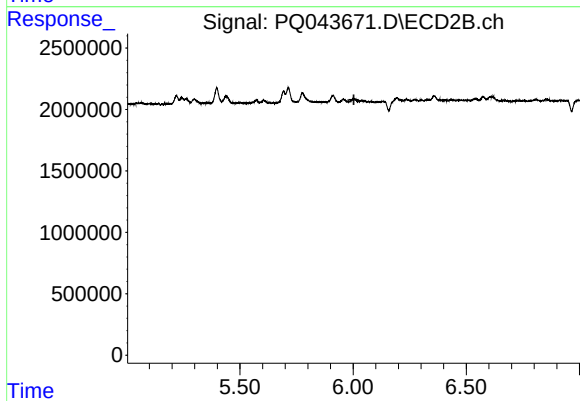
#13 AR-1232-3

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 681531
Conc: 53.74 ng/ml



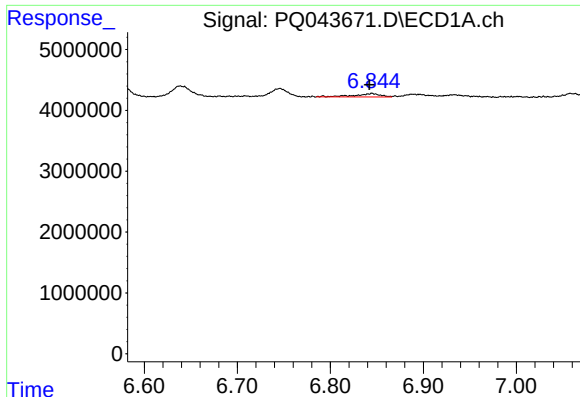
#14 AR-1232-4

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1614971
Conc: 49.43 ng/ml



#14 AR-1232-4

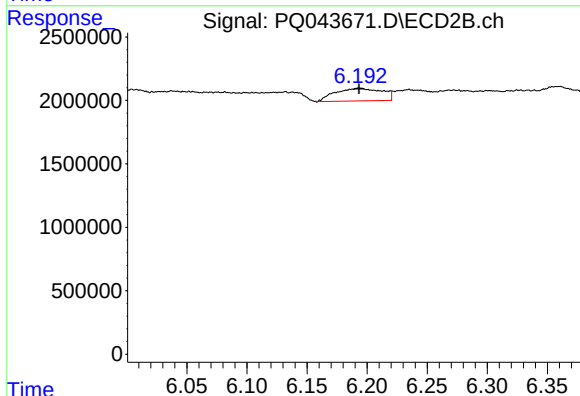
R.T.: 0.000 min
Exp R.T.: 6.004 min
Response: 0
Conc: N.D.



#15 AR-1232-5

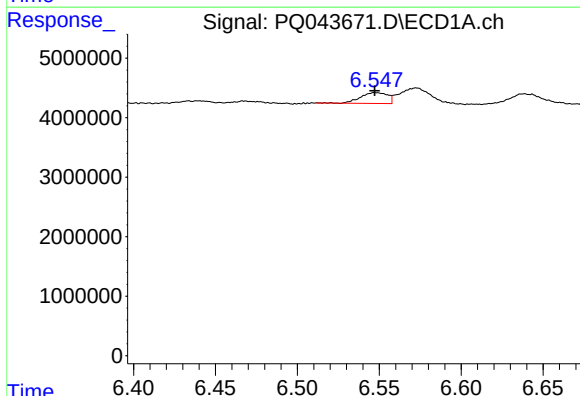
R.T.: 6.845 min
Delta R.T.: 0.003 min
Response: 1074568
Conc: 43.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



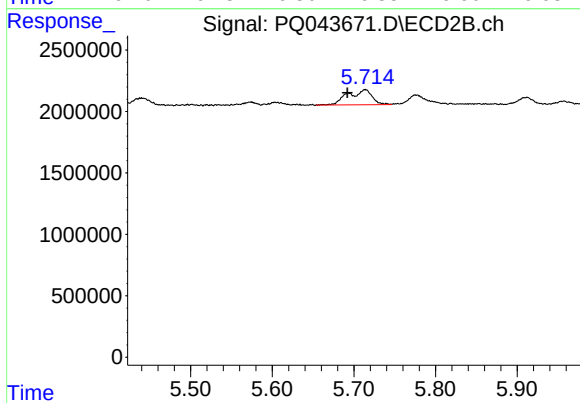
#15 AR-1232-5

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 2691196
Conc: 199.47 ng/ml



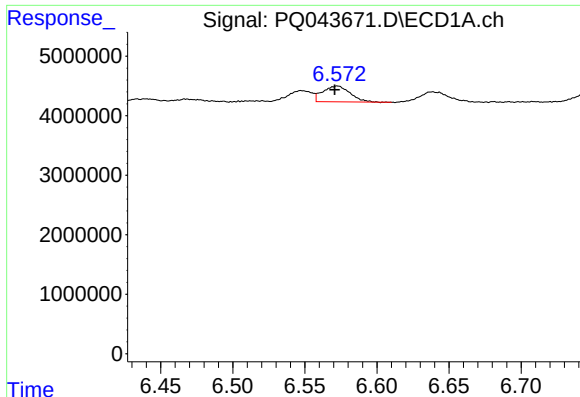
#16 AR-1242-1

R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: 2071474
Conc: 24.76 ng/ml



#16 AR-1242-1

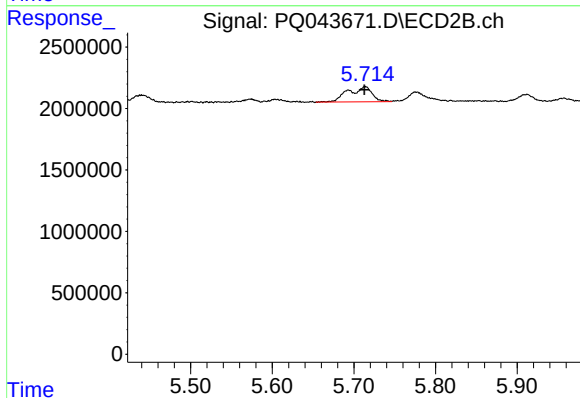
R.T.: 5.714 min
Delta R.T.: 0.022 min
Response: 2531442
Conc: 77.27 ng/ml



#17 AR-1242-2

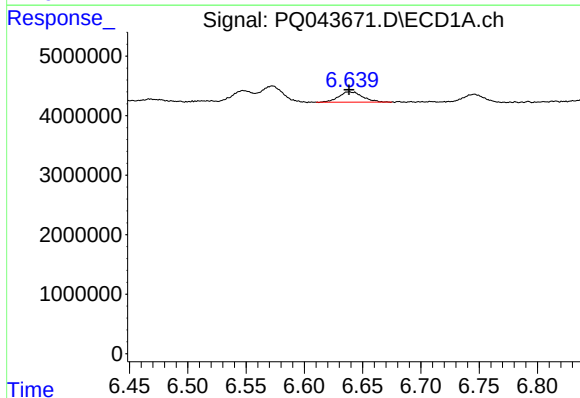
R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 3511119
Conc: 28.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



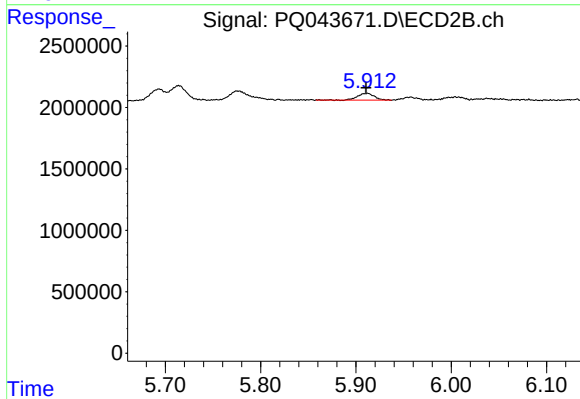
#17 AR-1242-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 2531442
Conc: 55.61 ng/ml



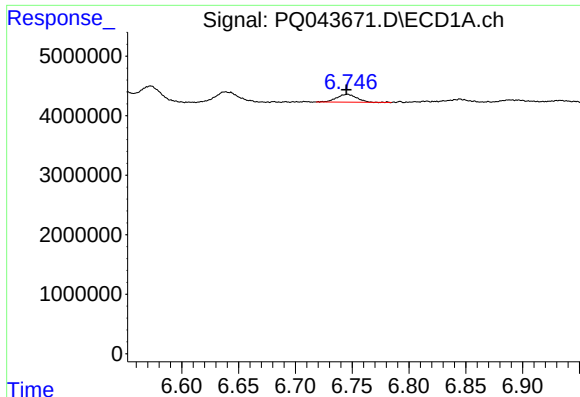
#18 AR-1242-3

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 2471167
Conc: 33.62 ng/ml



#18 AR-1242-3

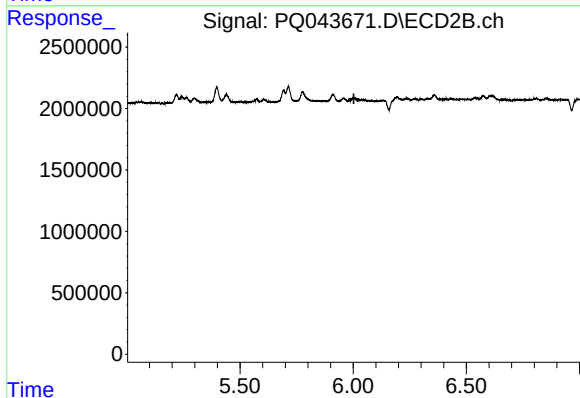
R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 681531
Conc: 28.12 ng/ml



#19 AR-1242-4

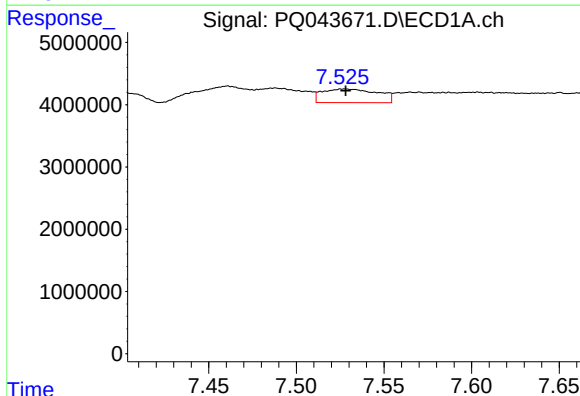
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1614971
Conc: 25.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



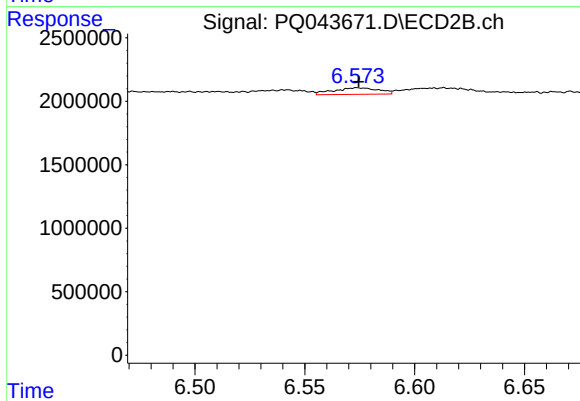
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.003 min
Response: 0
Conc: N.D.



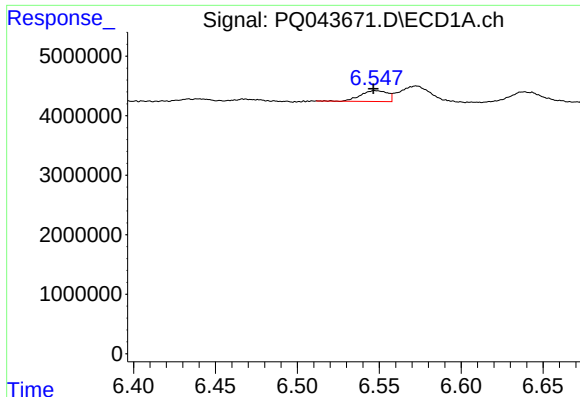
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 4826219
Conc: 52.73 ng/ml



#20 AR-1242-5

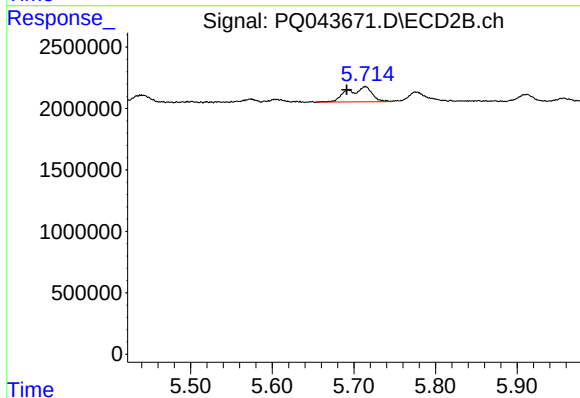
R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 739819
Conc: 21.09 ng/ml



#21 AR-1248-1

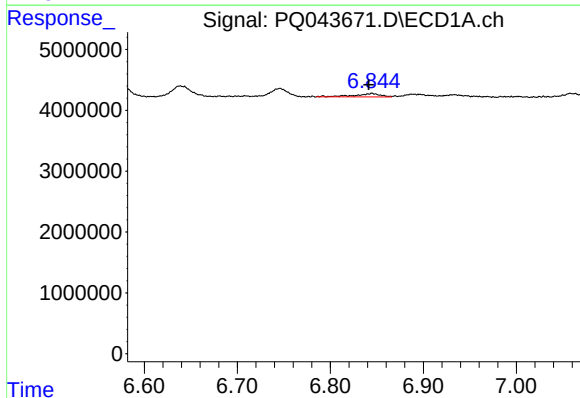
R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 2071474
Conc: 29.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



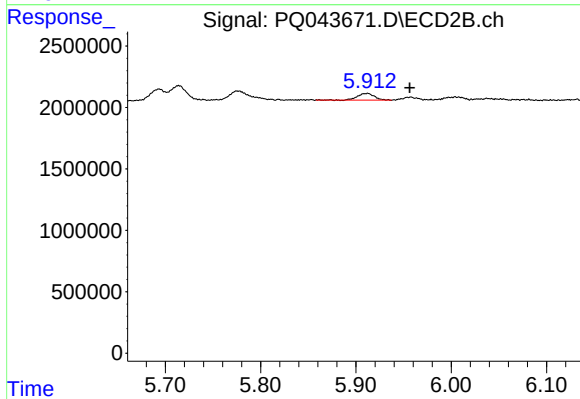
#21 AR-1248-1

R.T.: 5.714 min
Delta R.T.: 0.022 min
Response: 2531442
Conc: 91.74 ng/ml



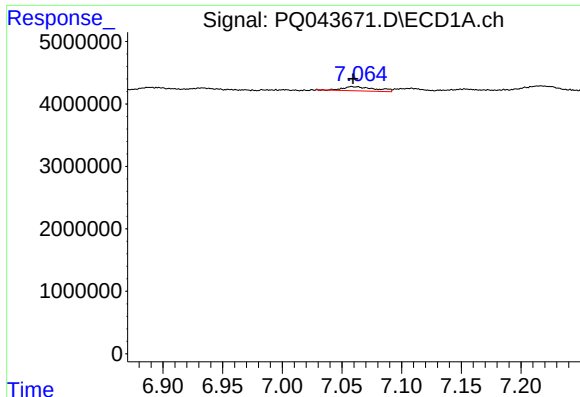
#22 AR-1248-2

R.T.: 6.845 min
Delta R.T.: 0.004 min
Response: 1074568
Conc: 10.58 ng/ml



#22 AR-1248-2

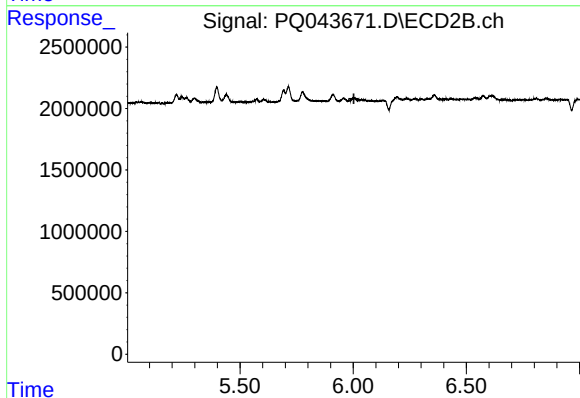
R.T.: 5.911 min
Delta R.T.: -0.046 min
Response: 681531
Conc: 18.11 ng/ml



#23 AR-1248-3

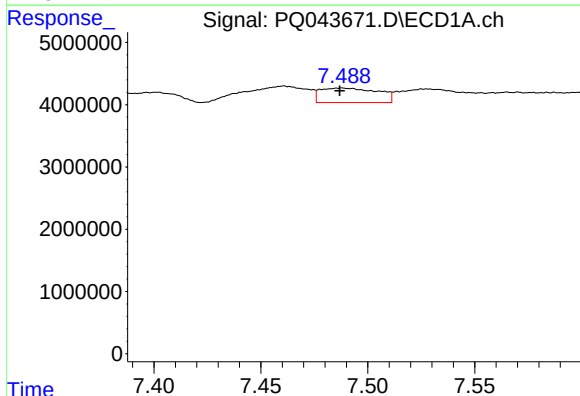
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 1284604
Conc: 10.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



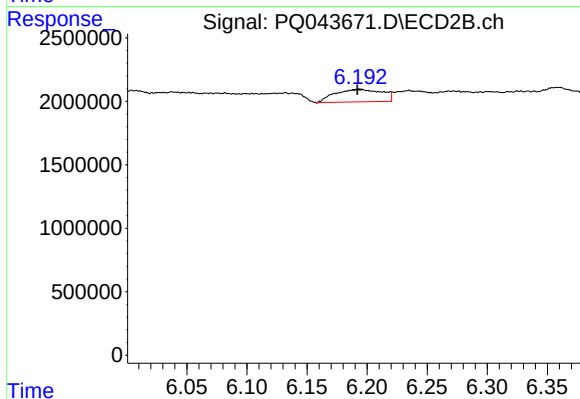
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.003 min
Response: 0
Conc: N.D.



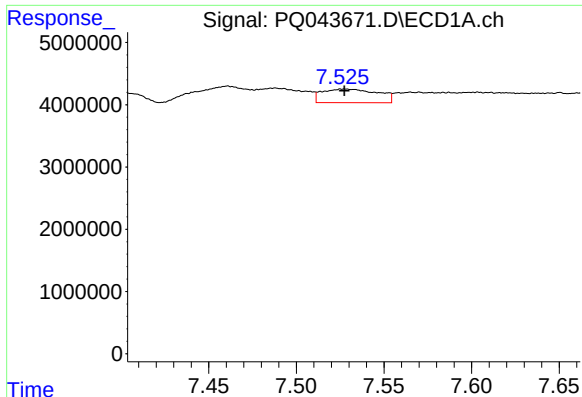
#24 AR-1248-4

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 4362314
Conc: 27.27 ng/ml



#24 AR-1248-4

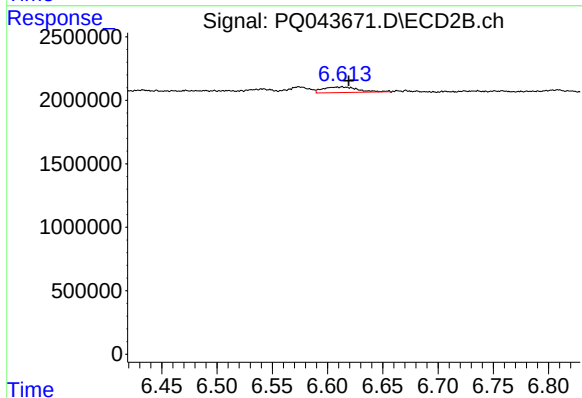
R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 2691196
Conc: 57.18 ng/ml



#25 AR-1248-5

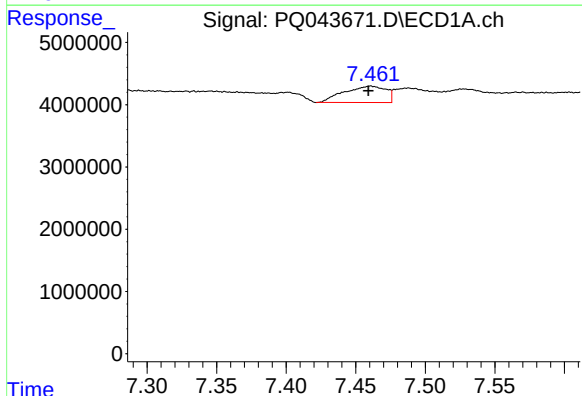
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 4826219
Conc: 30.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



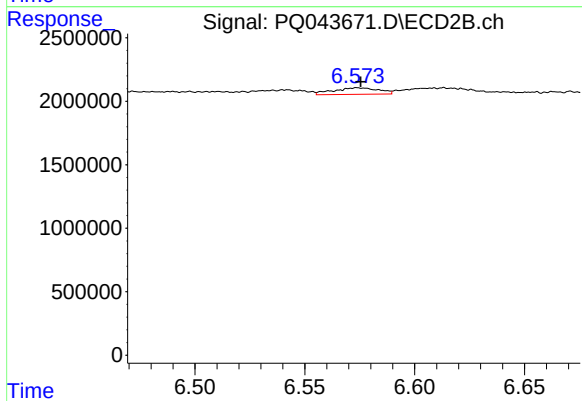
#25 AR-1248-5

R.T.: 6.611 min
Delta R.T.: -0.008 min
Response: 992943
Conc: 18.86 ng/ml



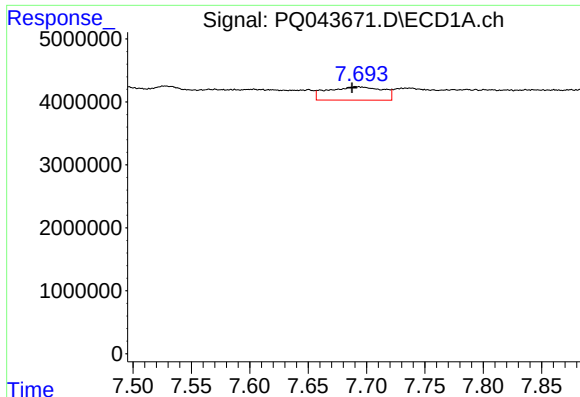
#26 AR-1254-1

R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 5502288
Conc: 39.14 ng/ml



#26 AR-1254-1

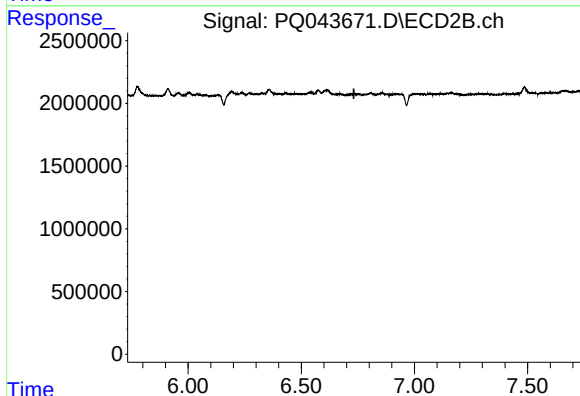
R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 739819
Conc: 10.19 ng/ml



#27 AR-1254-2

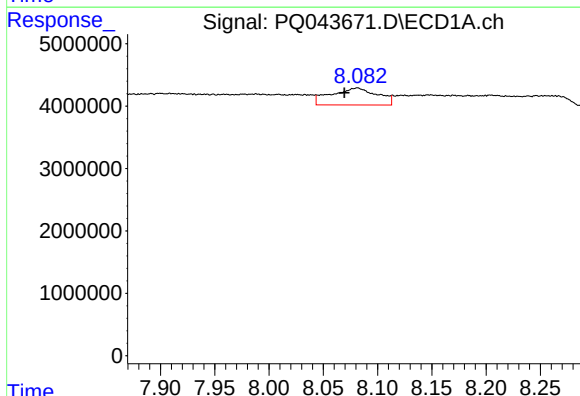
R.T.: 7.692 min
Delta R.T.: 0.004 min
Response: 6960589
Conc: 29.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



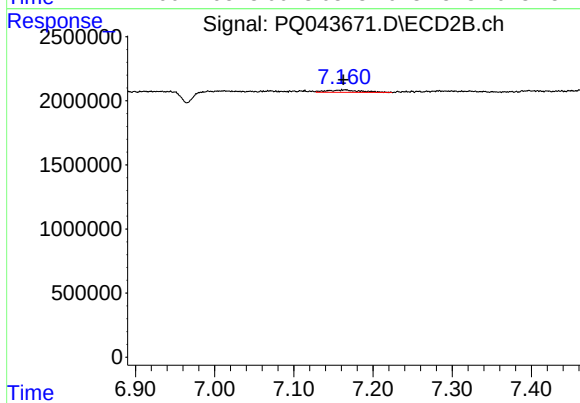
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.733 min
Response: 0
Conc: N.D.



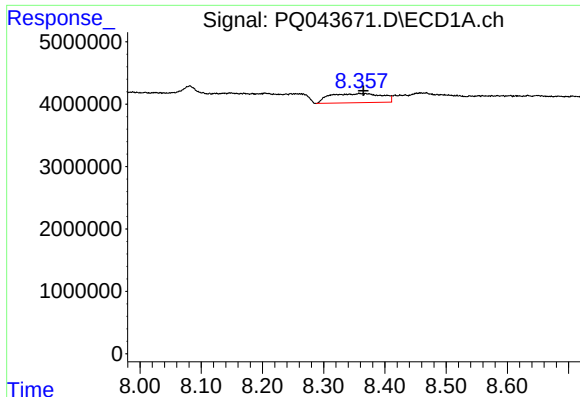
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: 0.012 min
Response: 8097817
Conc: 28.25 ng/ml



#28 AR-1254-3

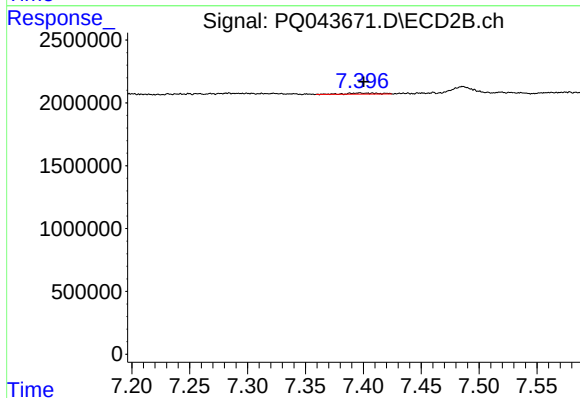
R.T.: 7.164 min
Delta R.T.: 0.002 min
Response: 519330
Conc: 4.38 ng/ml



#29 AR-1254-4

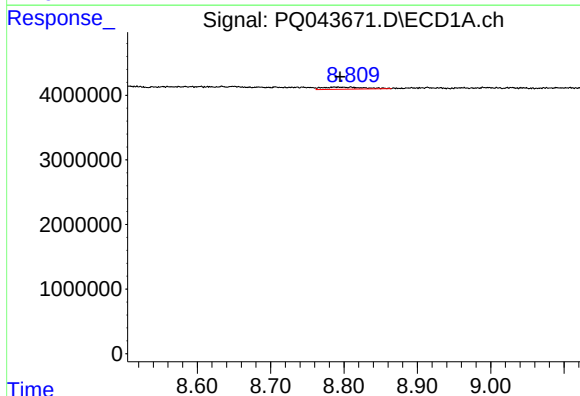
R.T.: 8.359 min
Delta R.T.: -0.006 min
Response: 8774449
Conc: 36.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



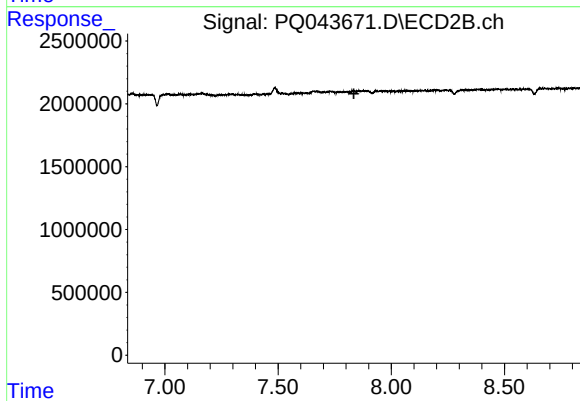
#29 AR-1254-4

R.T.: 7.399 min
Delta R.T.: -0.001 min
Response: 147834
Conc: 1.72 ng/ml



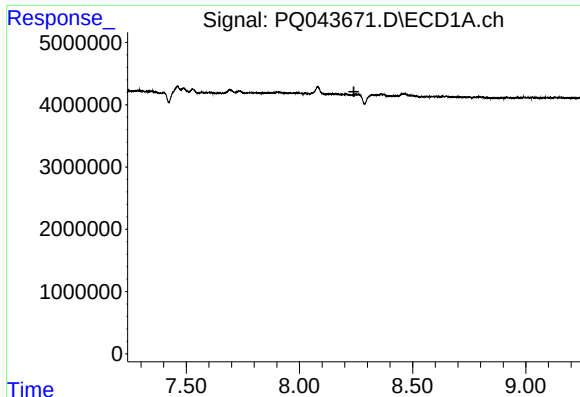
#30 AR-1254-5

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 1290934
Conc: 4.08 ng/ml



#30 AR-1254-5

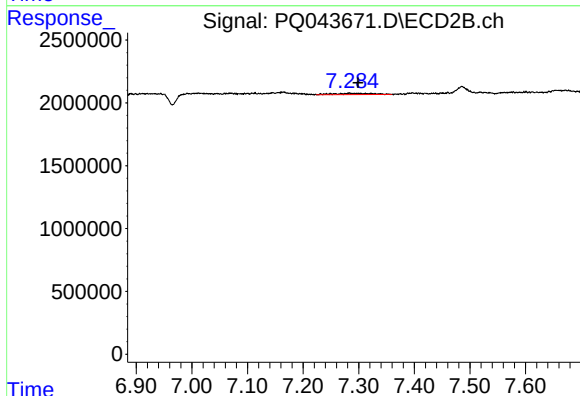
R.T.: 0.000 min
Exp R.T.: 7.835 min
Response: 0
Conc: N.D.



#31 AR-1260-1

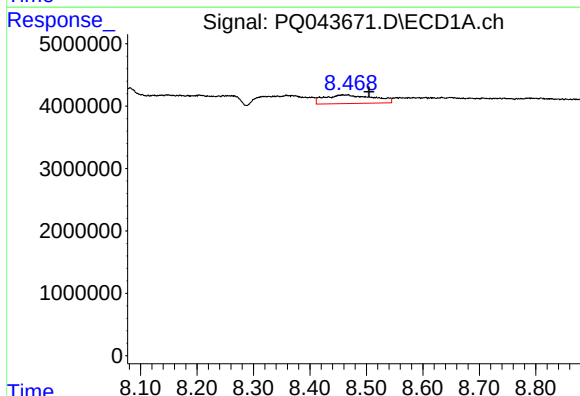
R.T.: 0.000 min
Exp R.T.: 8.241 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



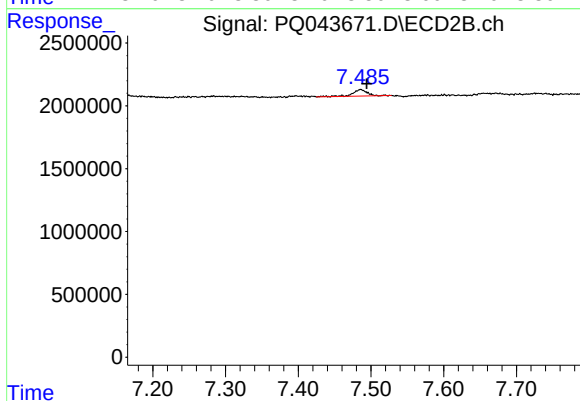
#31 AR-1260-1

R.T.: 7.284 min
Delta R.T.: -0.015 min
Response: 459322
Conc: 6.57 ng/ml



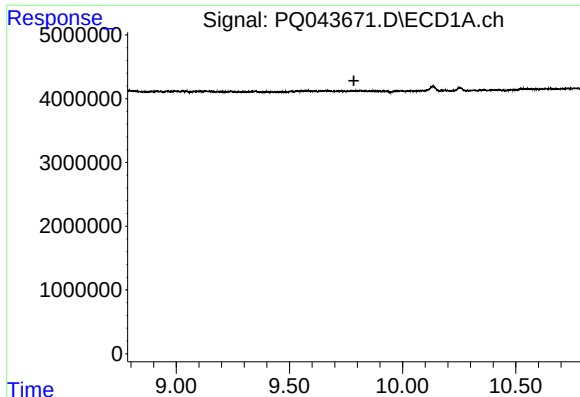
#32 AR-1260-2

R.T.: 8.459 min
Delta R.T.: -0.045 min
Response: 8455976
Conc: 34.60 ng/ml



#32 AR-1260-2

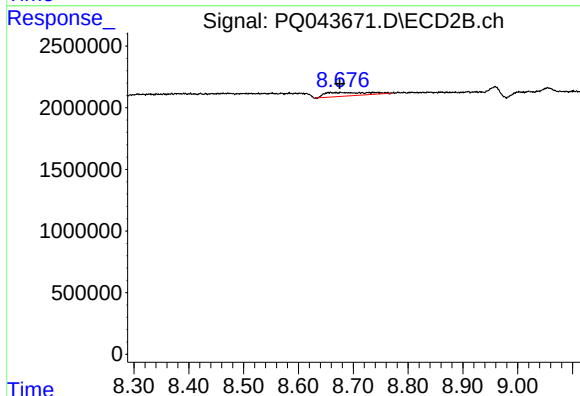
R.T.: 7.486 min
Delta R.T.: -0.008 min
Response: 709597
Conc: 7.87 ng/ml



#38 AR-1262-3

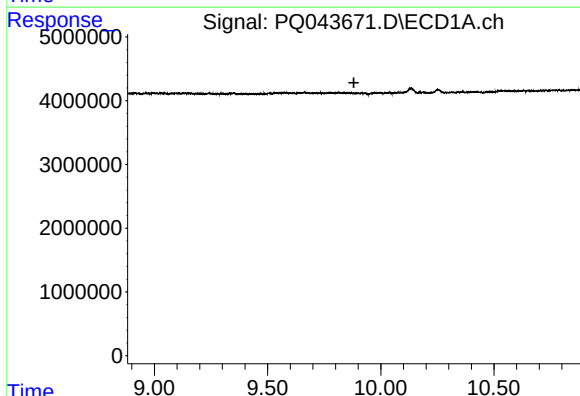
R.T.: 0.000 min
Exp R.T.: 9.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



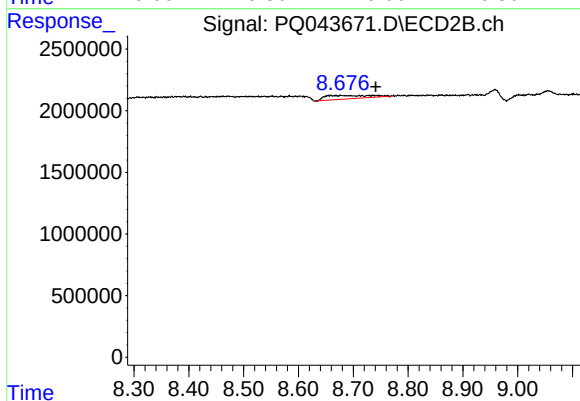
#38 AR-1262-3

R.T.: 8.678 min
Delta R.T.: 0.003 min
Response: 1582715
Conc: 12.80 ng/ml



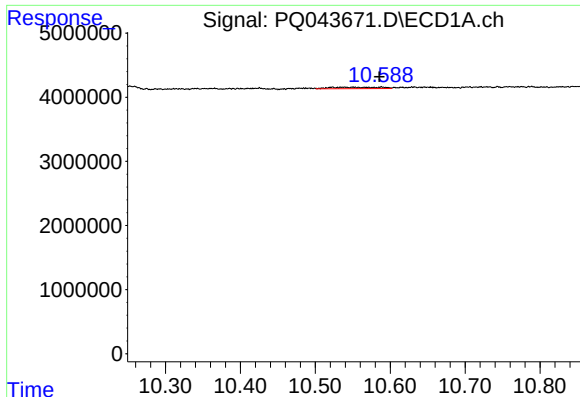
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.881 min
Response: 0
Conc: N.D.



#39 AR-1262-4

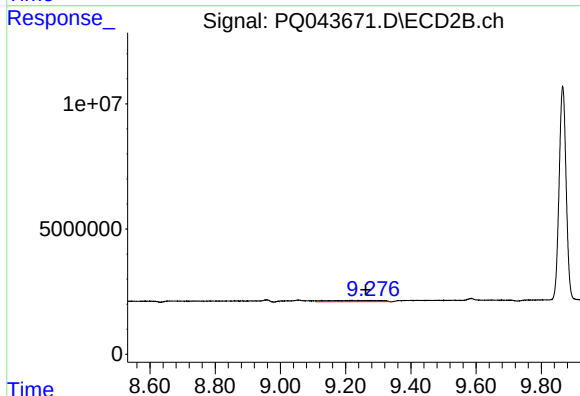
R.T.: 8.678 min
Delta R.T.: -0.063 min
Response: 1582715
Conc: 6.55 ng/ml



#40 AR-1262-5

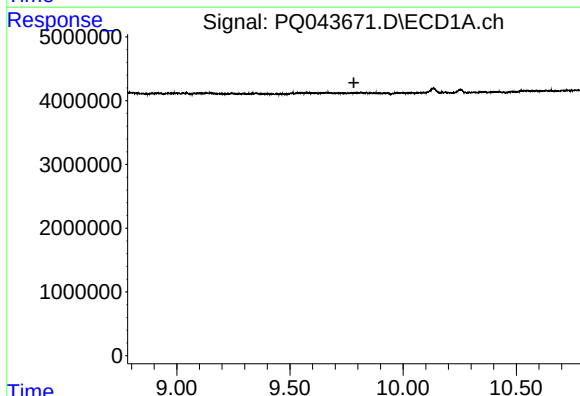
R.T.: 10.551 min
Delta R.T.: -0.034 min
Response: 1102228
Conc: 3.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



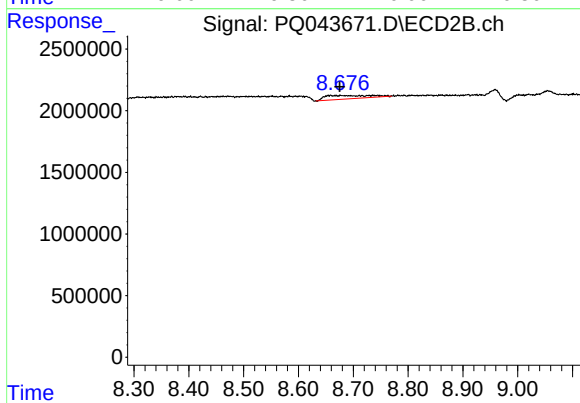
#40 AR-1262-5

R.T.: 9.279 min
Delta R.T.: 0.017 min
Response: 5751237
Conc: 38.24 ng/ml



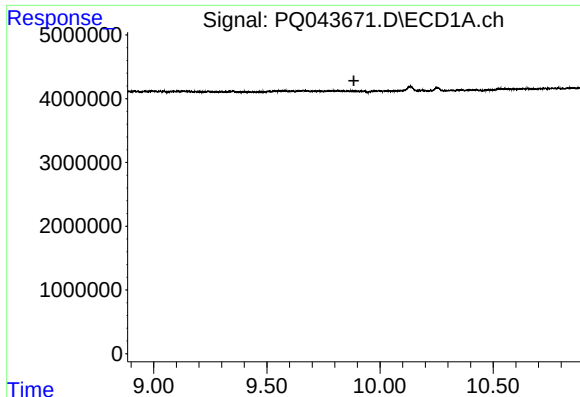
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.783 min
Response: 0
Conc: N.D.



#41 AR-1268-1

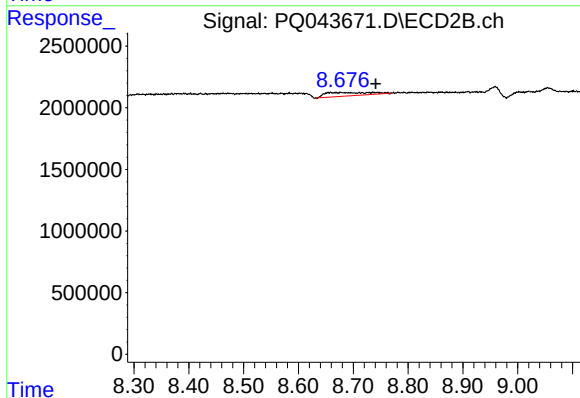
R.T.: 8.678 min
Delta R.T.: 0.003 min
Response: 1582715
Conc: 4.75 ng/ml



#42 AR-1268-2

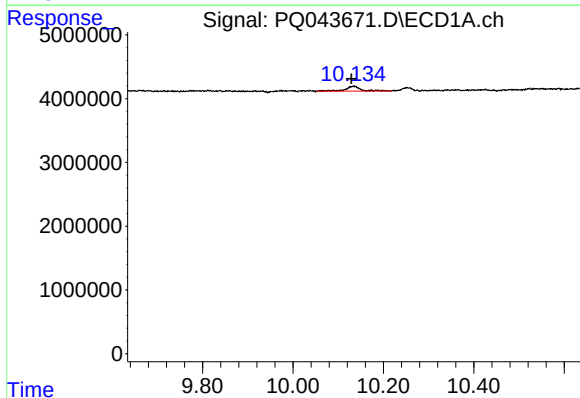
R.T.: 0.000 min
Exp R.T.: 9.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



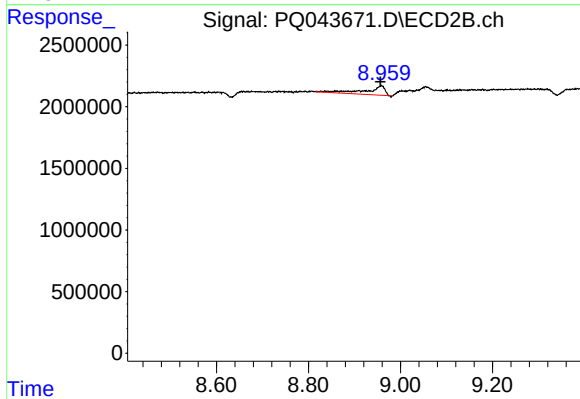
#42 AR-1268-2

R.T.: 8.678 min
Delta R.T.: -0.063 min
Response: 1582715
Conc: 4.90 ng/ml



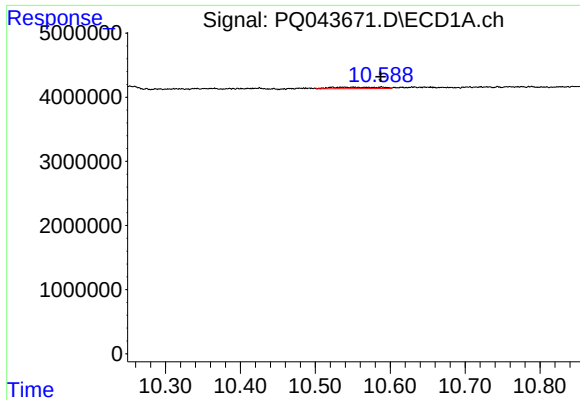
#43 AR-1268-3

R.T.: 10.134 min
Delta R.T.: 0.005 min
Response: 1773030
Conc: 2.52 ng/ml



#43 AR-1268-3

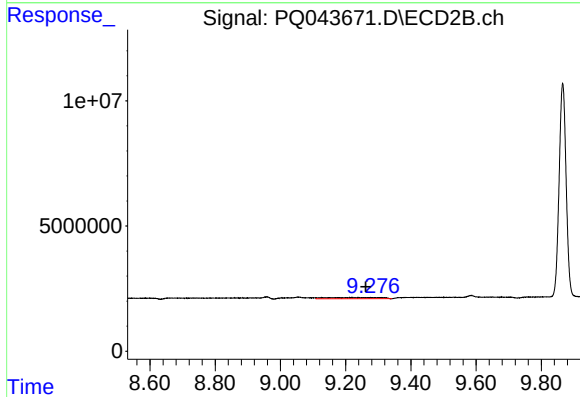
R.T.: 8.956 min
Delta R.T.: 0.000 min
Response: 2128899
Conc: 7.45 ng/ml



#44 AR-1268-4

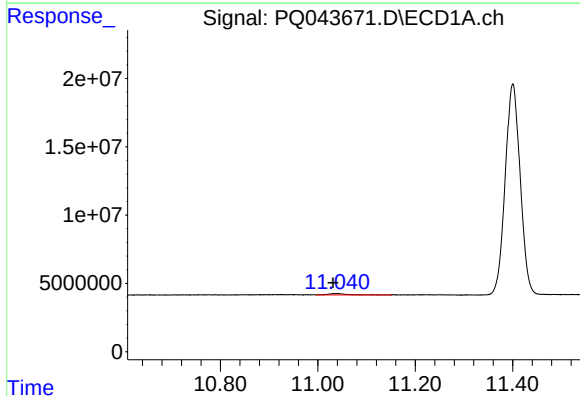
R.T.: 10.551 min
Delta R.T.: -0.036 min
Response: 1102228
Conc: 2.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221CCC400



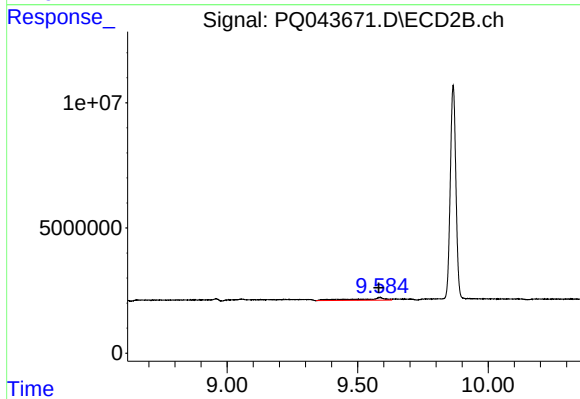
#44 AR-1268-4

R.T.: 9.279 min
Delta R.T.: 0.017 min
Response: 5751237
Conc: 35.68 ng/ml



#45 AR-1268-5

R.T.: 11.040 min
Delta R.T.: 0.009 min
Response: 2936921
Conc: 0.95 ng/ml



#45 AR-1268-5

R.T.: 9.585 min
Delta R.T.: 0.004 min
Response: 7767000
Conc: 6.33 ng/ml