

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012119\
 Data File : PQ036581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2019 20:01
 Operator : SM\SJ
 Sample : K1191-04
 Misc :
 ALS Vial : 120 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 SITE4-EAST

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 23:45:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
 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...	4.363	3.712	8872794	59003514	1.941	24.377 #
2)	SA Decachlor...	9.979	8.660	52207397	42472788	14.353	22.093 #
Target Compounds							
3)	L1 AR-1016-1	5.541	4.755	4924389	1250629	35.194	16.114 #
4)	L1 AR-1016-2	5.541	4.807	4924389	3100476	23.068	27.224
5)	L1 AR-1016-3	5.667	4.977	4234576	5114084	34.133	88.398 #
6)	L1 AR-1016-4	5.795	5.012	2789742	10221668	27.550	216.843 #
7)	L1 AR-1016-5	5.984	5.224	1025613	2141722	10.271	35.205 #
8)	L2 AR-1221-1	4.585	3.900	3951185	3900655	111.792	198.789 #
9)	L2 AR-1221-2	4.698	4.012	2407139	1639198	90.619	110.601
10)	L2 AR-1221-3	4.811	4.106	2202679	6306292	24.709	127.560 #
11)	L3 AR-1232-1	4.811	4.106	2202679	6306292	28.913	146.547 #
12)	L3 AR-1232-2	5.282	4.807	10010688	3100476	262.272	68.821 #
13)	L3 AR-1232-3	5.541	4.977	4924389	5114084	61.197	225.652 #
14)	L3 AR-1232-4	5.795	5.084	2789742	10744990	72.580	522.055 #
15)	L3 AR-1232-5	5.844	5.224	2811019	2141722	98.143	97.660
16)	L4 AR-1242-1	5.541	4.807	4924389	3100476	49.531	53.777
17)	L4 AR-1242-2	5.541	4.807	4924389	3100476	32.599	38.019
18)	L4 AR-1242-3	5.667	4.977	4234576	5114084	47.746	119.638 #
19)	L4 AR-1242-4	5.795	5.084	2789742	10744990	38.295	252.505 #
20)	L4 AR-1242-5	6.516	5.588	4718413	17561422	59.460	323.309 #
21)	L5 AR-1248-1	5.541	4.807	4924389	3100476	49.211	66.067 #
22)	L5 AR-1248-2	5.795	5.012	2789742	10221668	24.974	162.863 #
23)	L5 AR-1248-3	5.984	5.084	1025613	10744990	8.185	167.238 #
24)	L5 AR-1248-4	6.381	5.224	23339146	2141722	163.689	27.882 #
25)	L5 AR-1248-5	6.516	5.629	4718413	4415553	34.524	57.858 #
26)	L6 AR-1254-1	6.381	5.588	23339146	17561422	171.686	167.909
27)	L6 AR-1254-2	6.594	5.722	11730223	15183185	55.158	166.156 #
28)	L6 AR-1254-3	6.949	6.119	8604387	27217338	36.656	170.951 #
29)	L6 AR-1254-4	7.230	6.345	1626207	17698926	9.192	168.618 #
30)	L6 AR-1254-5	7.650	6.757	6558990	3753955	32.024	25.845
31)	L7 AR-1260-1	7.107	6.264	2414461	10345792	12.682	86.885 #
32)	L7 AR-1260-2	7.408	6.434	1906554	15992983	8.308	111.397 #
33)	L7 AR-1260-3	0.000	6.582	0	736041	N.D.	5.574 #
34)	L7 AR-1260-4	7.946	0.000	3418125	0	19.824	N.D. #
35)	L7 AR-1260-5	8.259	7.292	3956977	8865358	11.789	40.127 #
36)	L8 AR-1262-1	0.000	6.835	0	2581340	N.D.	16.744 #
37)	L8 AR-1262-2	8.259	7.292	3956977	8865358	9.222	31.846 #
38)	L8 AR-1262-3	8.652	7.619	-1244655	13945677	N.D.	134.529 #
39)	L8 AR-1262-4	8.652	7.619	-1244655	13945677	N.D.	70.071 #
41)	L9 AR-1268-1	8.560	7.619	3096938	13945677	6.098	43.897 #
42)	L9 AR-1268-2	8.652	7.619	-1244655	13945677	N.D.	48.431 #

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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Jan 21 23:45:26 2019
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 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
 Response via : Initial Calibration
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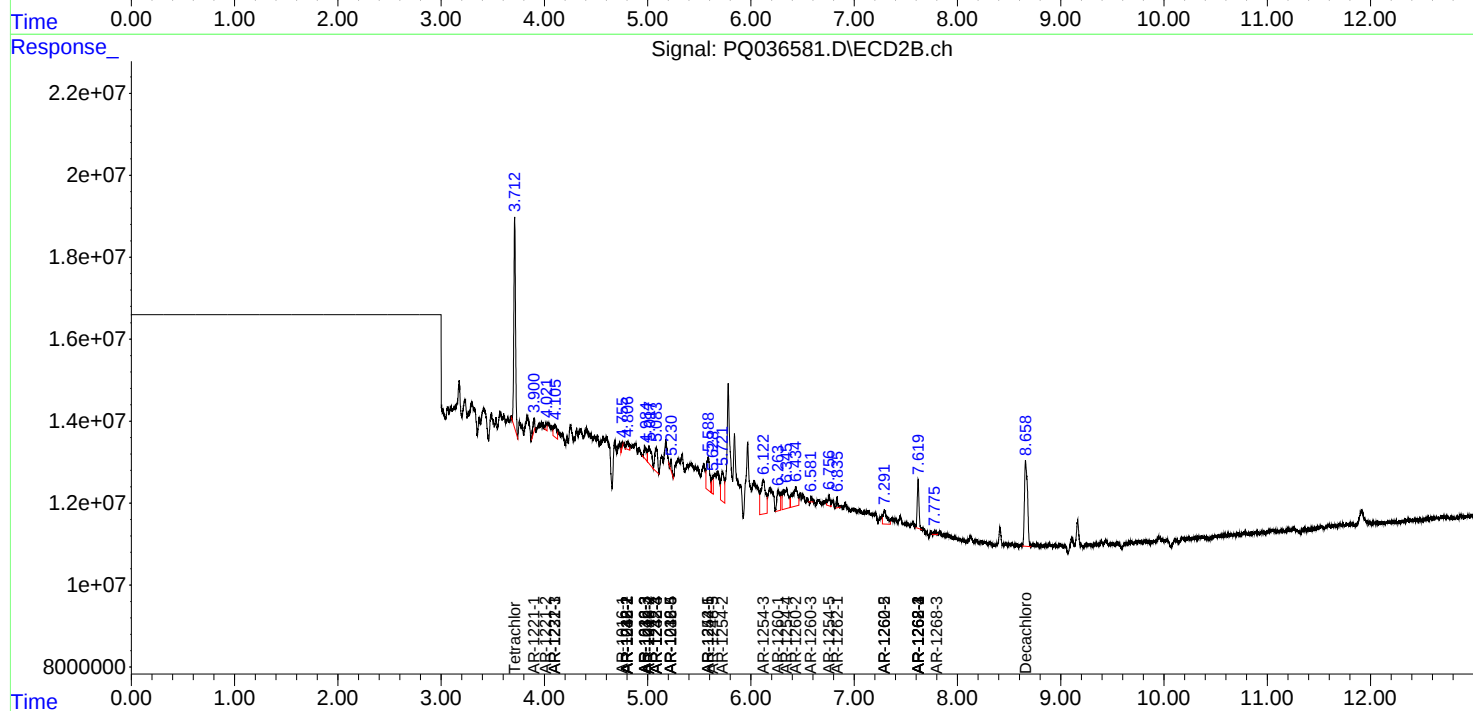
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

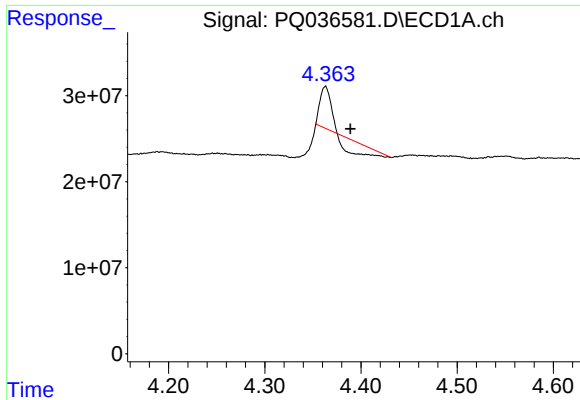
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.859	7.798	1593342	1072147	3.890	4.554
45) L9	AR-1268-5	9.674	0.000	2712228	0	2.000	N.D. #

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

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST

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

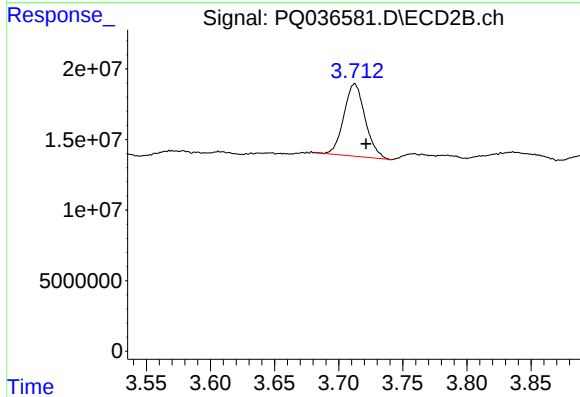




#1 Tetrachloro-m-xylene

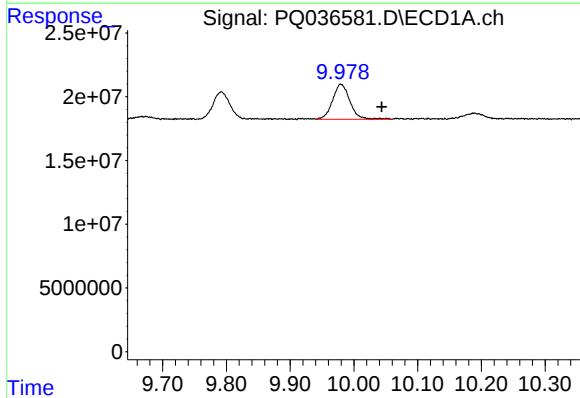
R.T.: 4.363 min
Delta R.T.: -0.026 min
Response: 8872794
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



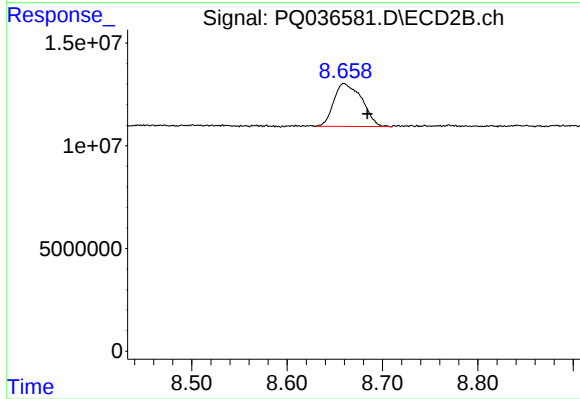
#1 Tetrachloro-m-xylene

R.T.: 3.712 min
Delta R.T.: -0.009 min
Response: 59003514
Conc: 24.38 ng/ml



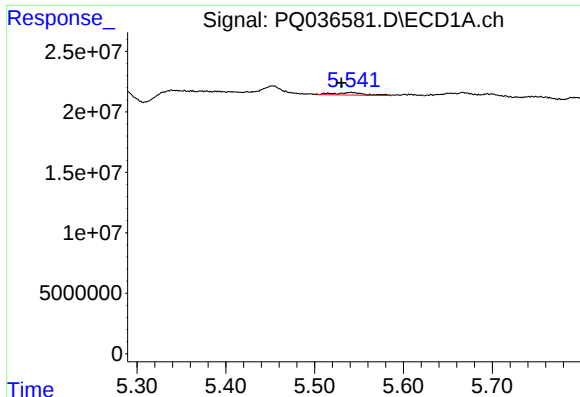
#2 Decachlorobiphenyl

R.T.: 9.979 min
Delta R.T.: -0.065 min
Response: 52207397
Conc: 14.35 ng/ml



#2 Decachlorobiphenyl

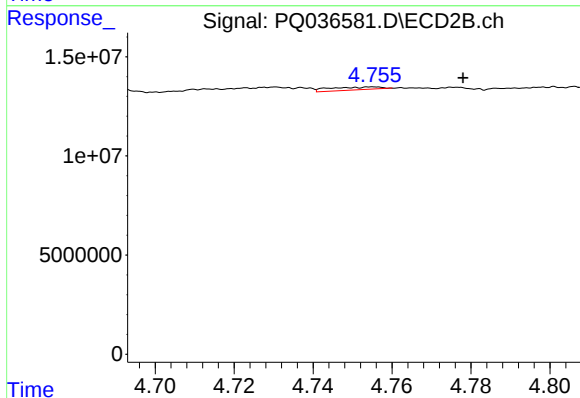
R.T.: 8.660 min
Delta R.T.: -0.025 min
Response: 42472788
Conc: 22.09 ng/ml



#3 AR-1016-1

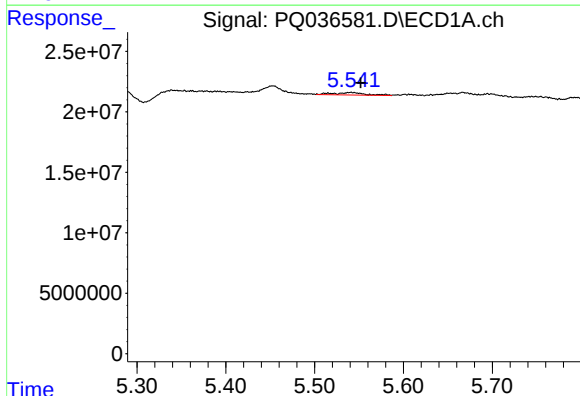
R.T.: 5.541 min
Delta R.T.: 0.011 min
Response: 4924389
Conc: 35.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



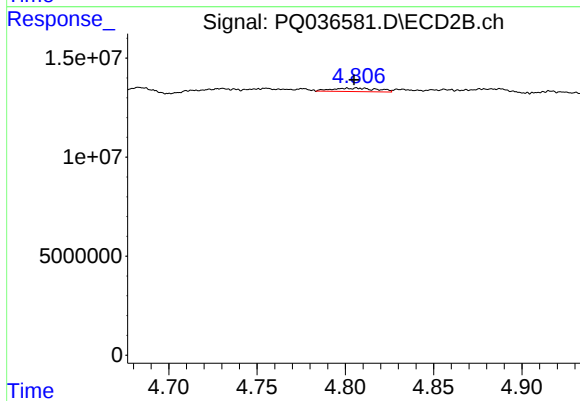
#3 AR-1016-1

R.T.: 4.755 min
Delta R.T.: -0.023 min
Response: 1250629
Conc: 16.11 ng/ml



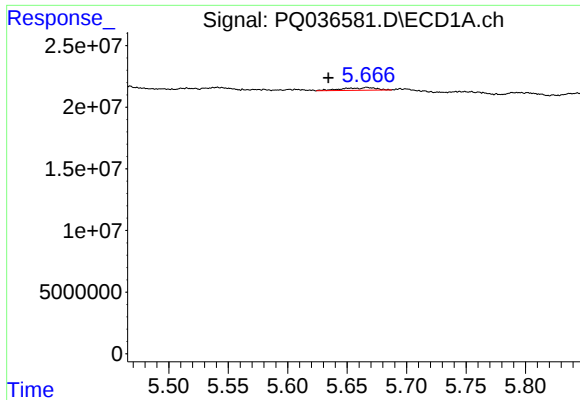
#4 AR-1016-2

R.T.: 5.541 min
Delta R.T.: -0.011 min
Response: 4924389
Conc: 23.07 ng/ml



#4 AR-1016-2

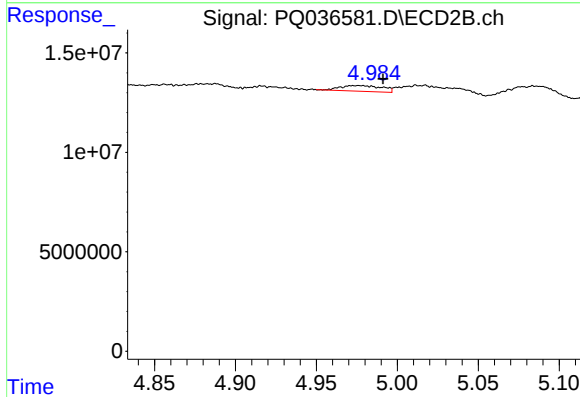
R.T.: 4.807 min
Delta R.T.: 0.002 min
Response: 3100476
Conc: 27.22 ng/ml



#5 AR-1016-3

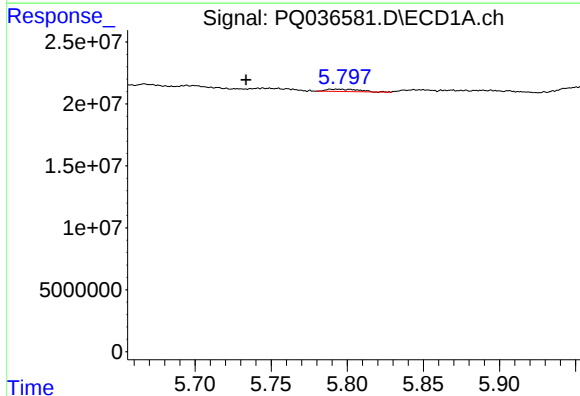
R.T.: 5.667 min
Delta R.T.: 0.033 min
Response: 4234576
Conc: 34.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



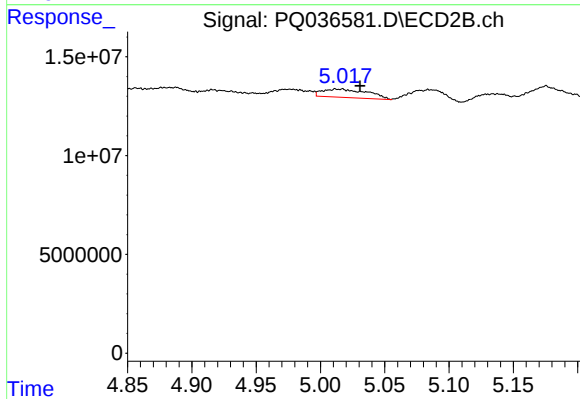
#5 AR-1016-3

R.T.: 4.977 min
Delta R.T.: -0.014 min
Response: 5114084
Conc: 88.40 ng/ml



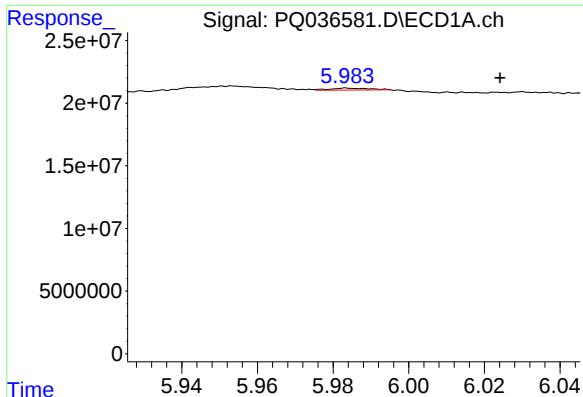
#6 AR-1016-4

R.T.: 5.795 min
Delta R.T.: 0.061 min
Response: 2789742
Conc: 27.55 ng/ml



#6 AR-1016-4

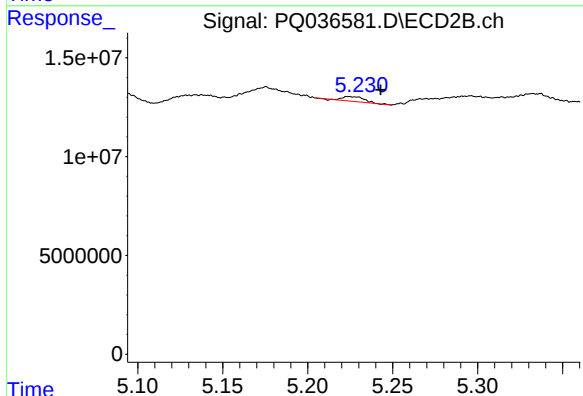
R.T.: 5.012 min
Delta R.T.: -0.019 min
Response: 10221668
Conc: 216.84 ng/ml



#7 AR-1016-5

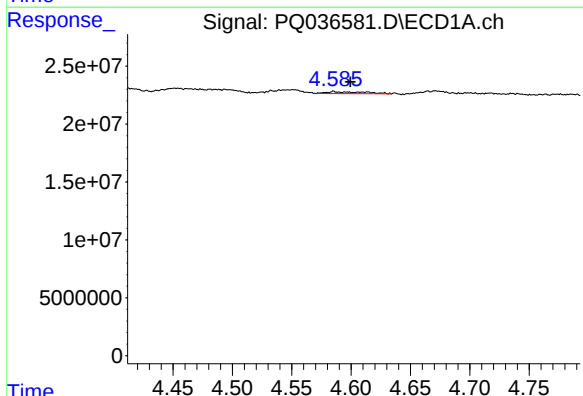
R.T.: 5.984 min
Delta R.T.: -0.040 min
Response: 1025613
Conc: 10.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



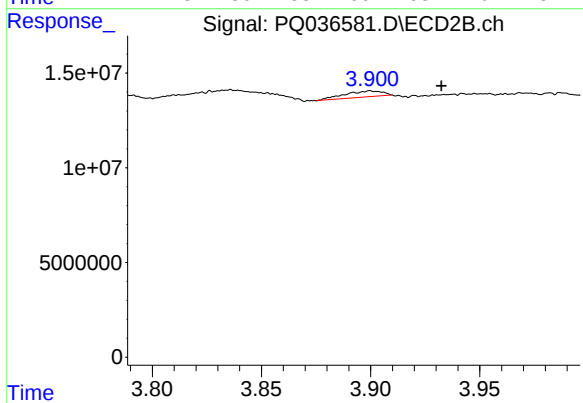
#7 AR-1016-5

R.T.: 5.224 min
Delta R.T.: -0.019 min
Response: 2141722
Conc: 35.21 ng/ml



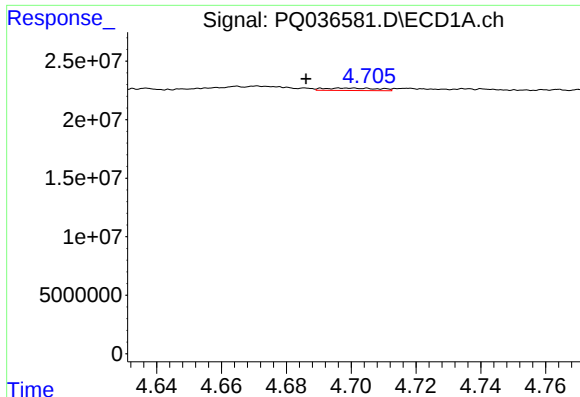
#8 AR-1221-1

R.T.: 4.585 min
Delta R.T.: -0.014 min
Response: 3951185
Conc: 111.79 ng/ml



#8 AR-1221-1

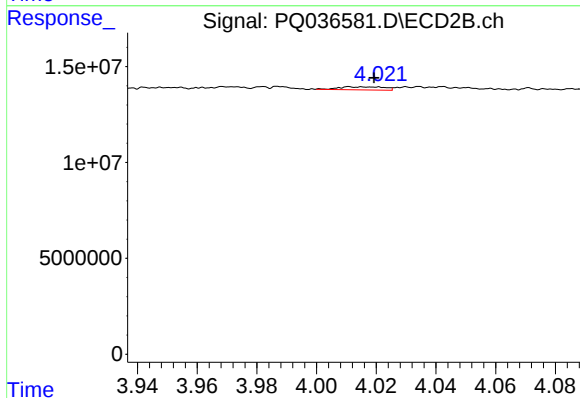
R.T.: 3.900 min
Delta R.T.: -0.033 min
Response: 3900655
Conc: 198.79 ng/ml



#9 AR-1221-2

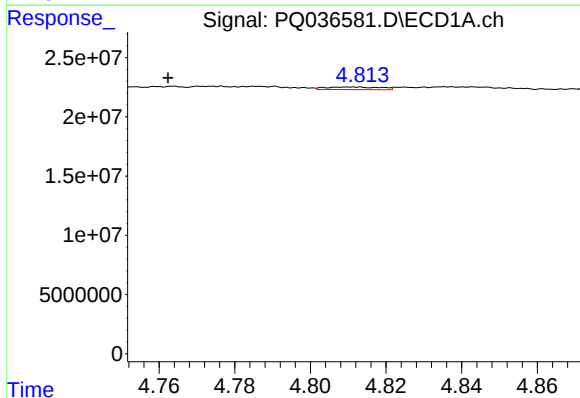
R.T.: 4.698 min
Delta R.T.: 0.012 min
Response: 2407139
Conc: 90.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



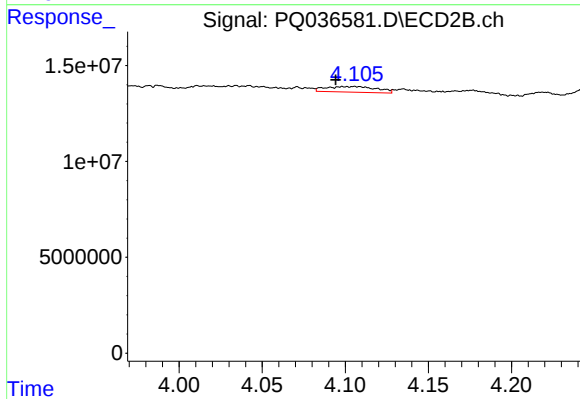
#9 AR-1221-2

R.T.: 4.012 min
Delta R.T.: -0.008 min
Response: 1639198
Conc: 110.60 ng/ml



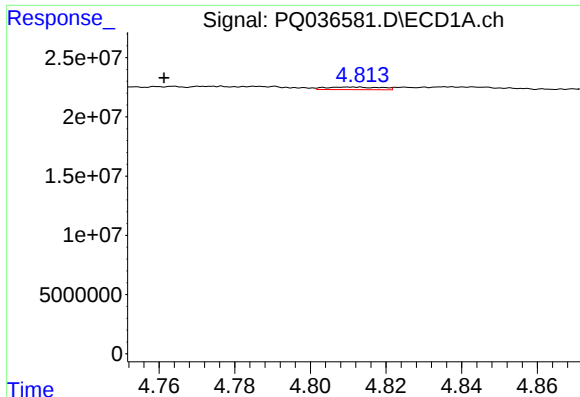
#10 AR-1221-3

R.T.: 4.811 min
Delta R.T.: 0.049 min
Response: 2202679
Conc: 24.71 ng/ml



#10 AR-1221-3

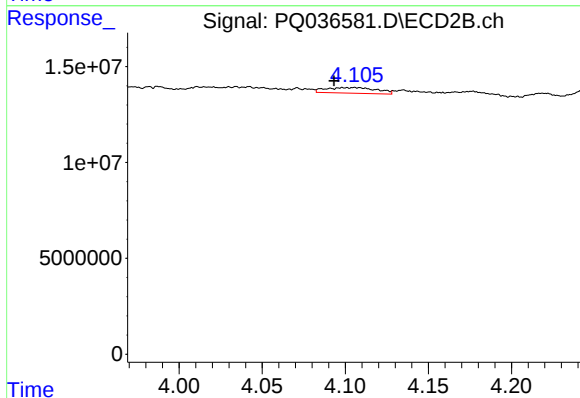
R.T.: 4.106 min
Delta R.T.: 0.012 min
Response: 6306292
Conc: 127.56 ng/ml



#11 AR-1232-1

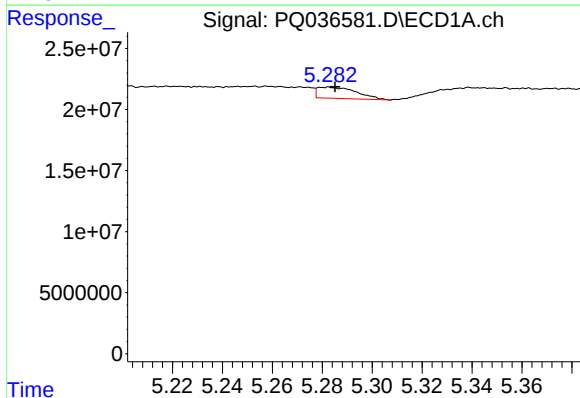
R.T.: 4.811 min
Delta R.T.: 0.050 min
Response: 2202679
Conc: 28.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



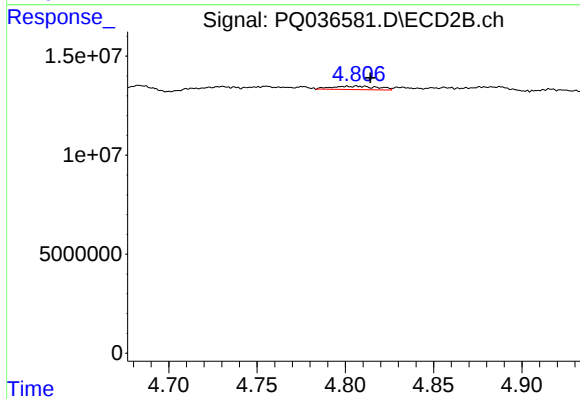
#11 AR-1232-1

R.T.: 4.106 min
Delta R.T.: 0.013 min
Response: 6306292
Conc: 146.55 ng/ml



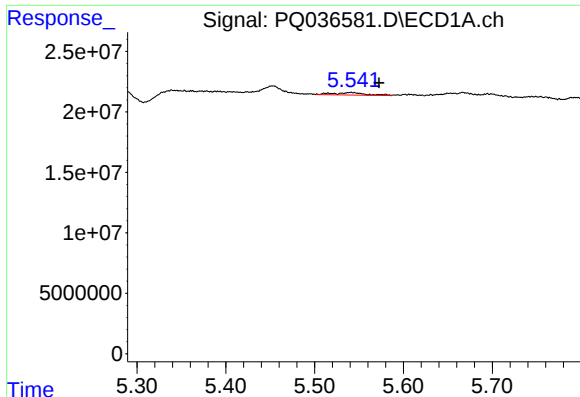
#12 AR-1232-2

R.T.: 5.282 min
Delta R.T.: -0.003 min
Response: 10010688
Conc: 262.27 ng/ml



#12 AR-1232-2

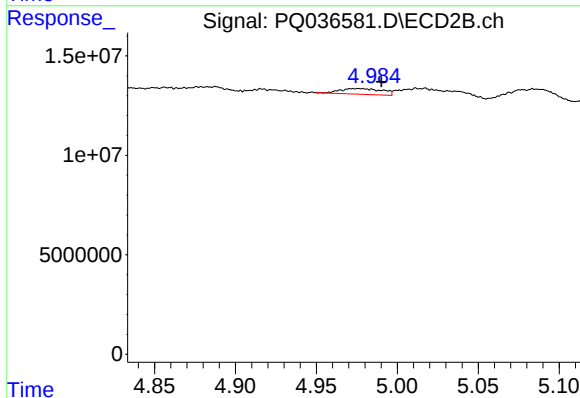
R.T.: 4.807 min
Delta R.T.: -0.008 min
Response: 3100476
Conc: 68.82 ng/ml



#13 AR-1232-3

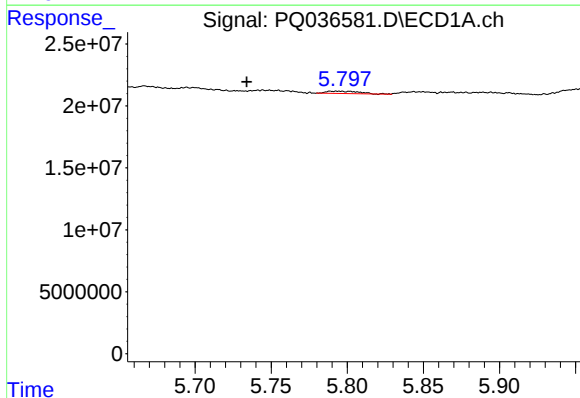
R.T.: 5.541 min
Delta R.T.: -0.032 min
Response: 4924389
Conc: 61.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



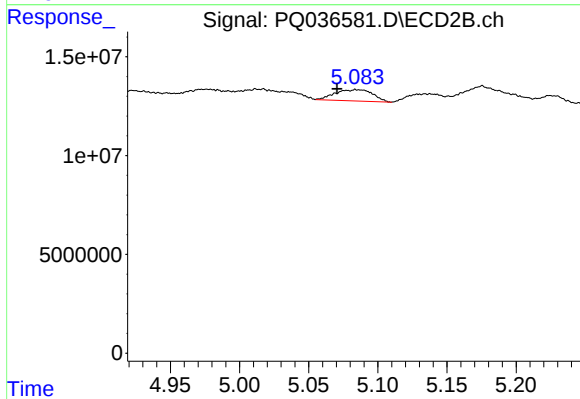
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: -0.013 min
Response: 5114084
Conc: 225.65 ng/ml



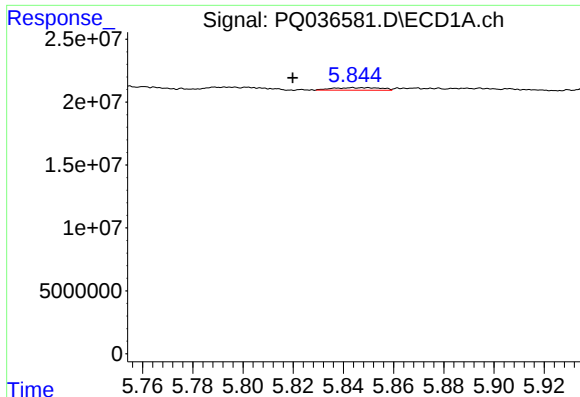
#14 AR-1232-4

R.T.: 5.795 min
Delta R.T.: 0.061 min
Response: 2789742
Conc: 72.58 ng/ml



#14 AR-1232-4

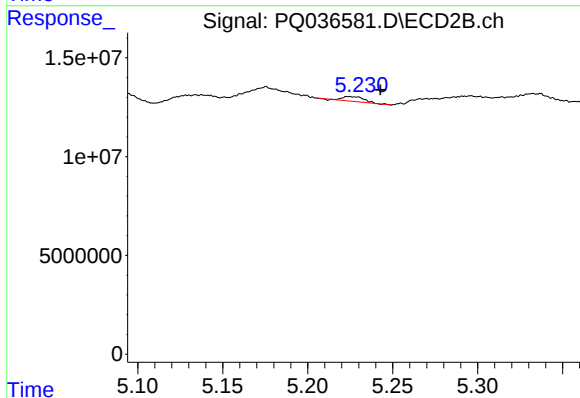
R.T.: 5.084 min
Delta R.T.: 0.014 min
Response: 10744990
Conc: 522.05 ng/ml



#15 AR-1232-5

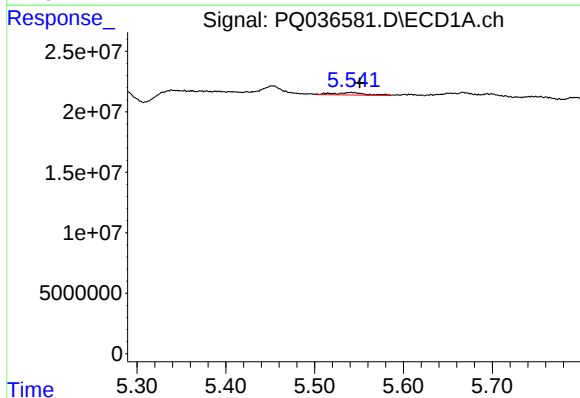
R.T.: 5.844 min
Delta R.T.: 0.024 min
Response: 2811019
Conc: 98.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



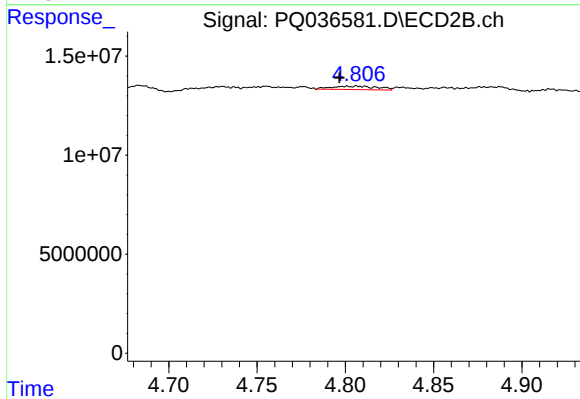
#15 AR-1232-5

R.T.: 5.224 min
Delta R.T.: -0.018 min
Response: 2141722
Conc: 97.66 ng/ml



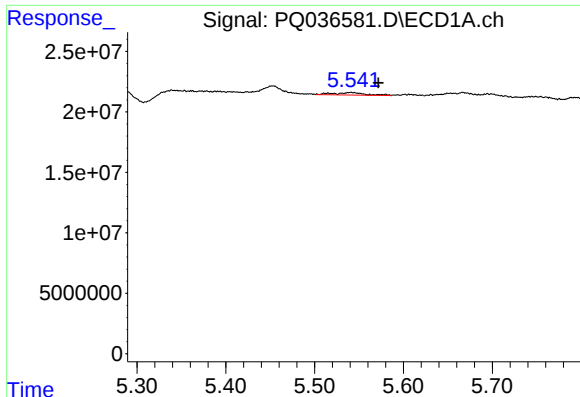
#16 AR-1242-1

R.T.: 5.541 min
Delta R.T.: -0.010 min
Response: 4924389
Conc: 49.53 ng/ml



#16 AR-1242-1

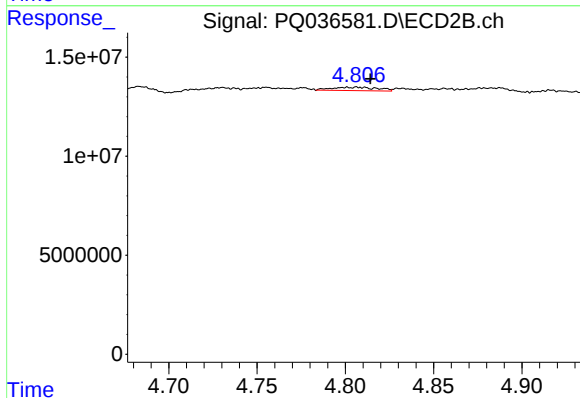
R.T.: 4.807 min
Delta R.T.: 0.010 min
Response: 3100476
Conc: 53.78 ng/ml



#17 AR-1242-2

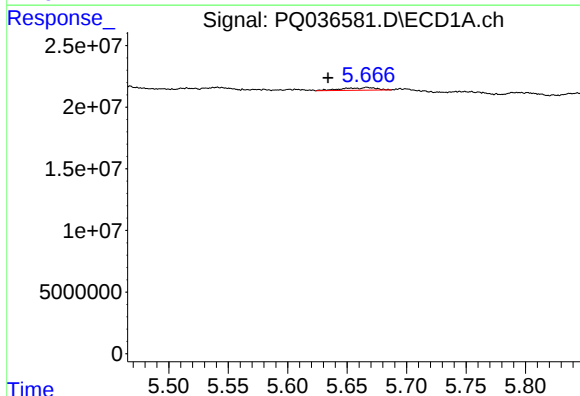
R.T.: 5.541 min
Delta R.T.: -0.031 min
Response: 4924389
Conc: 32.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



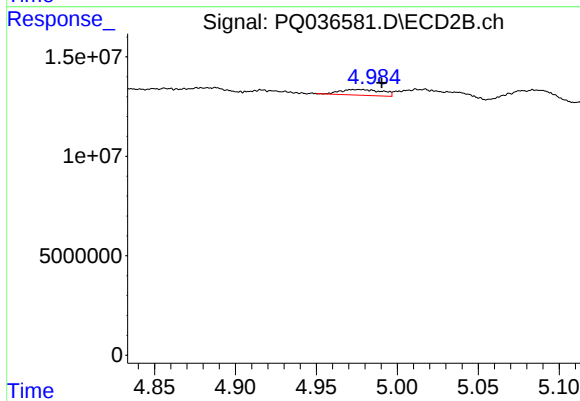
#17 AR-1242-2

R.T.: 4.807 min
Delta R.T.: -0.008 min
Response: 3100476
Conc: 38.02 ng/ml



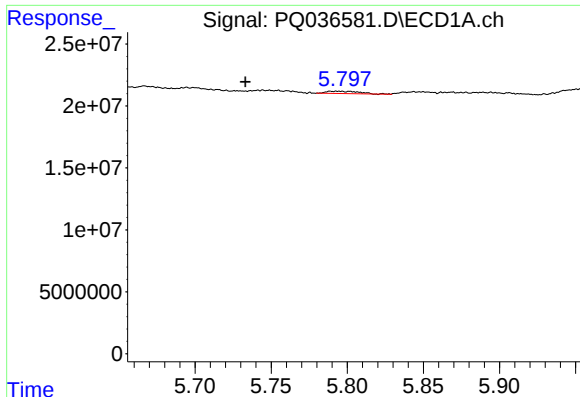
#18 AR-1242-3

R.T.: 5.667 min
Delta R.T.: 0.033 min
Response: 4234576
Conc: 47.75 ng/ml



#18 AR-1242-3

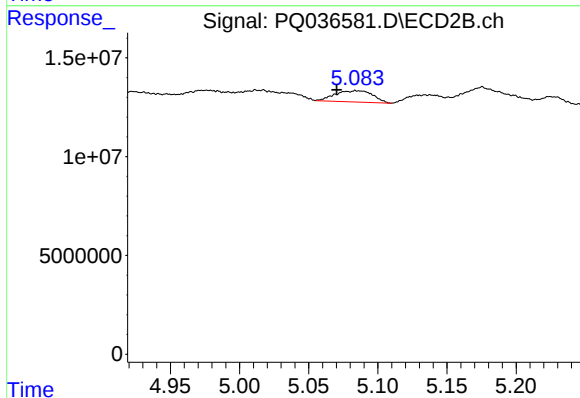
R.T.: 4.977 min
Delta R.T.: -0.014 min
Response: 5114084
Conc: 119.64 ng/ml



#19 AR-1242-4

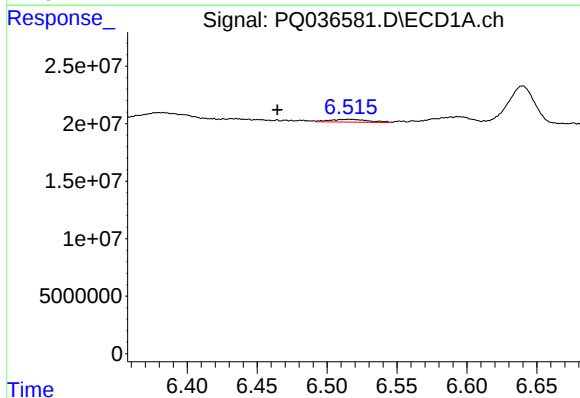
R.T.: 5.795 min
Delta R.T.: 0.062 min
Response: 2789742
Conc: 38.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



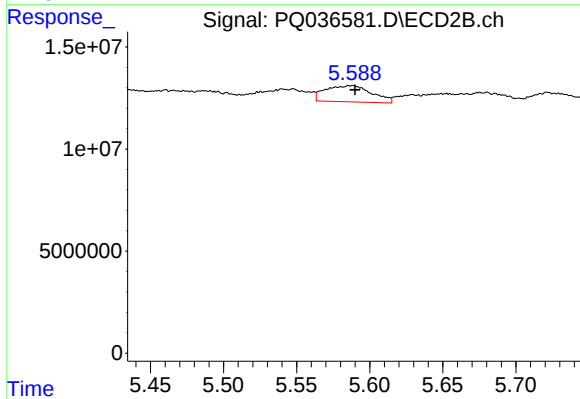
#19 AR-1242-4

R.T.: 5.084 min
Delta R.T.: 0.014 min
Response: 10744990
Conc: 252.50 ng/ml



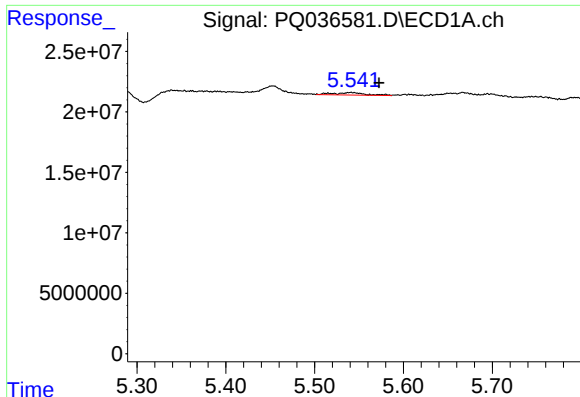
#20 AR-1242-5

R.T.: 6.516 min
Delta R.T.: 0.052 min
Response: 4718413
Conc: 59.46 ng/ml



#20 AR-1242-5

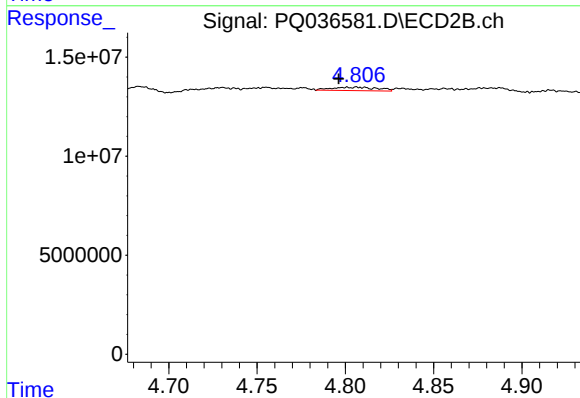
R.T.: 5.588 min
Delta R.T.: -0.002 min
Response: 17561422
Conc: 323.31 ng/ml



#21 AR-1248-1

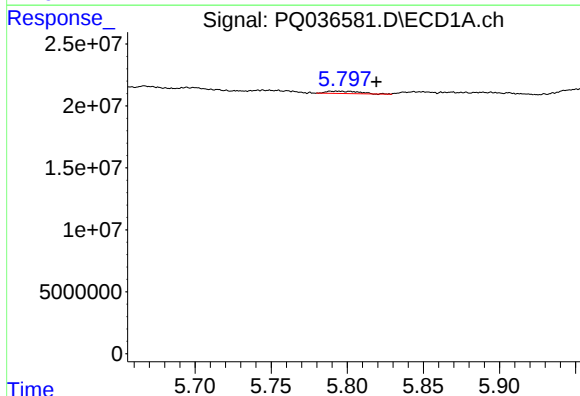
R.T.: 5.541 min
Delta R.T.: -0.032 min
Response: 4924389
Conc: 49.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



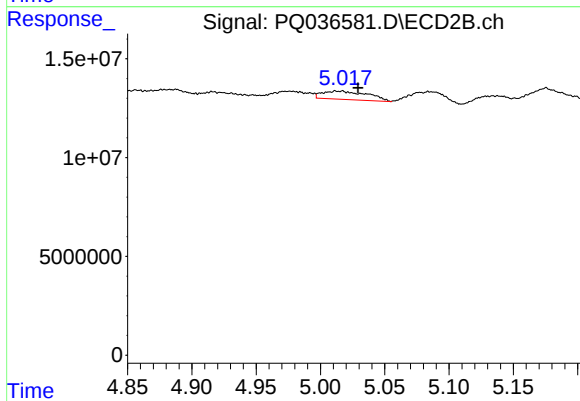
#21 AR-1248-1

R.T.: 4.807 min
Delta R.T.: 0.010 min
Response: 3100476
Conc: 66.07 ng/ml



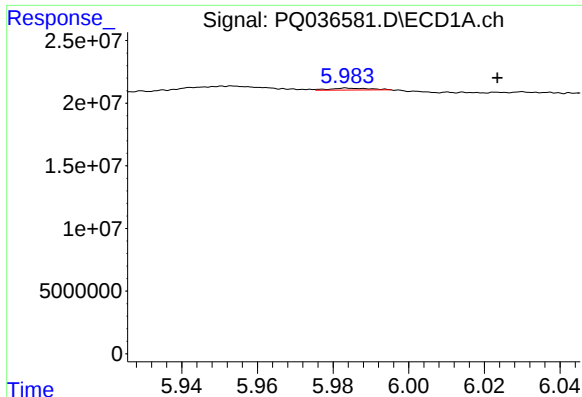
#22 AR-1248-2

R.T.: 5.795 min
Delta R.T.: -0.024 min
Response: 2789742
Conc: 24.97 ng/ml



#22 AR-1248-2

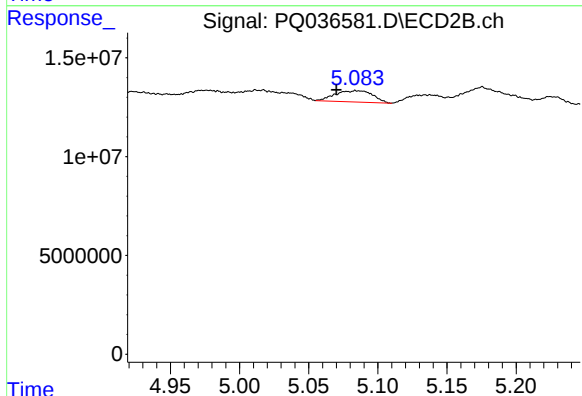
R.T.: 5.012 min
Delta R.T.: -0.017 min
Response: 10221668
Conc: 162.86 ng/ml



#23 AR-1248-3

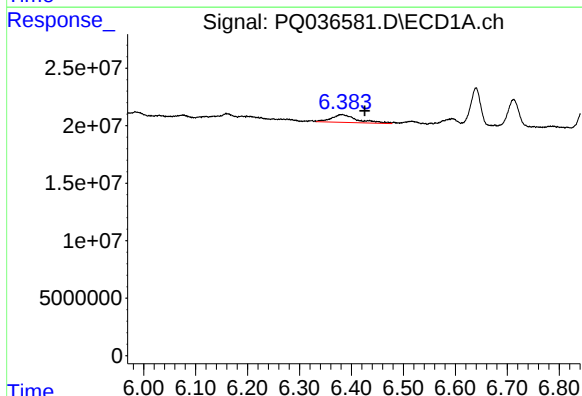
R.T.: 5.984 min
Delta R.T.: -0.039 min
Response: 1025613
Conc: 8.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



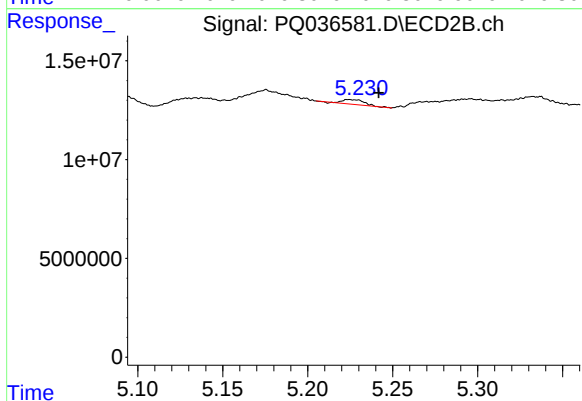
#23 AR-1248-3

R.T.: 5.084 min
Delta R.T.: 0.014 min
Response: 10744990
Conc: 167.24 ng/ml



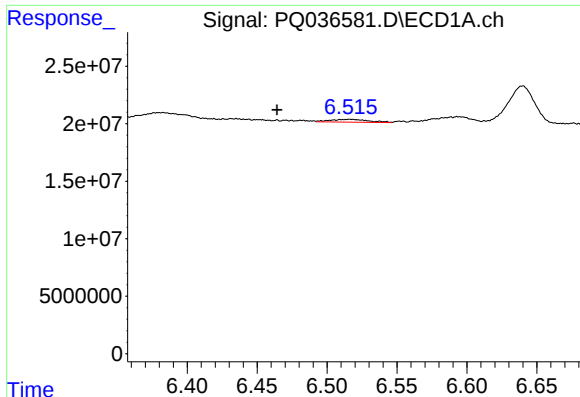
#24 AR-1248-4

R.T.: 6.381 min
Delta R.T.: -0.044 min
Response: 23339146
Conc: 163.69 ng/ml



#24 AR-1248-4

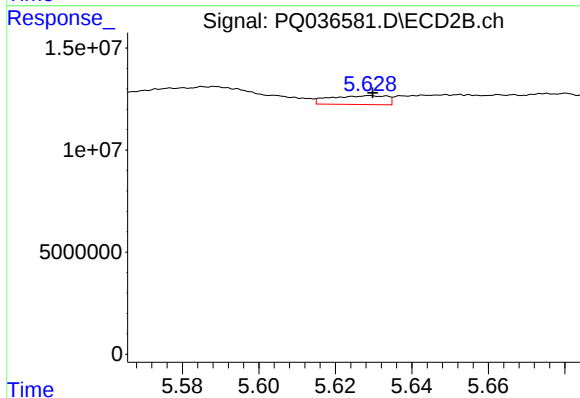
R.T.: 5.224 min
Delta R.T.: -0.017 min
Response: 2141722
Conc: 27.88 ng/ml



#25 AR-1248-5

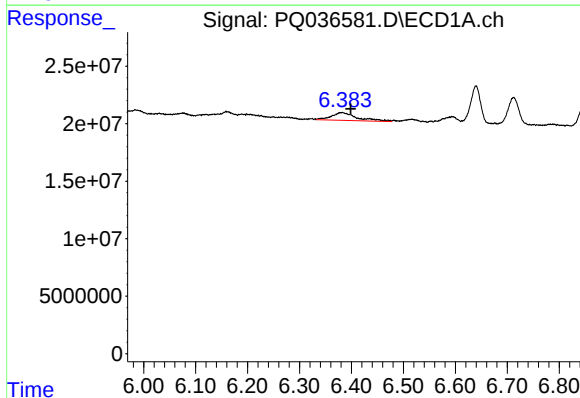
R.T.: 6.516 min
Delta R.T.: 0.052 min
Response: 4718413
Conc: 34.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



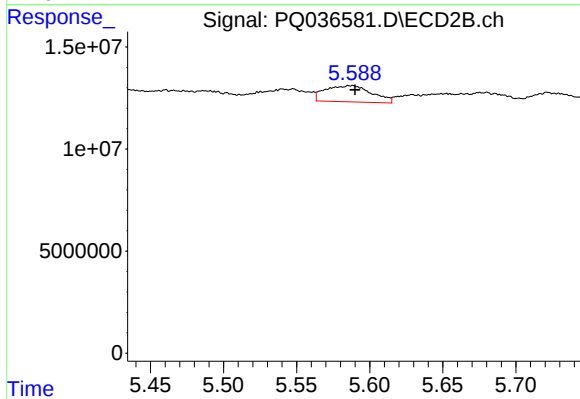
#25 AR-1248-5

R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 4415553
Conc: 57.86 ng/ml



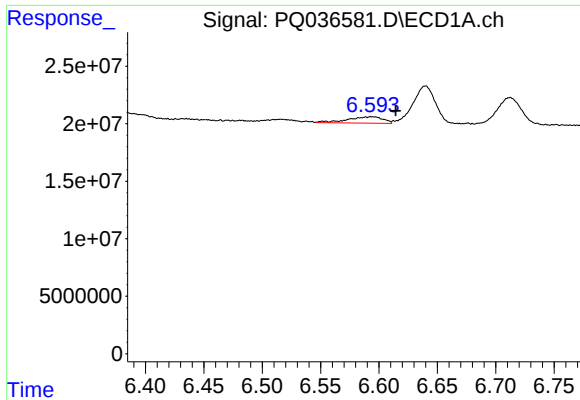
#26 AR-1254-1

R.T.: 6.381 min
Delta R.T.: -0.017 min
Response: 23339146
Conc: 171.69 ng/ml



#26 AR-1254-1

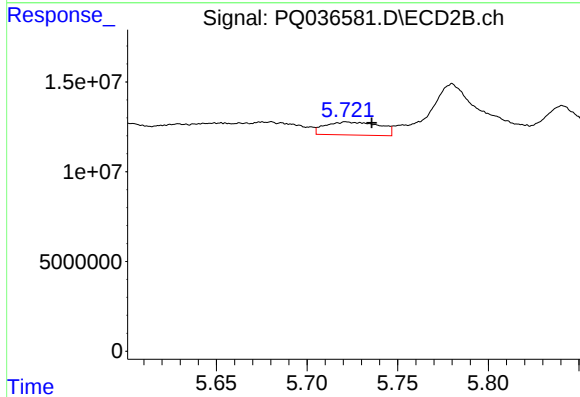
R.T.: 5.588 min
Delta R.T.: -0.002 min
Response: 17561422
Conc: 167.91 ng/ml



#27 AR-1254-2

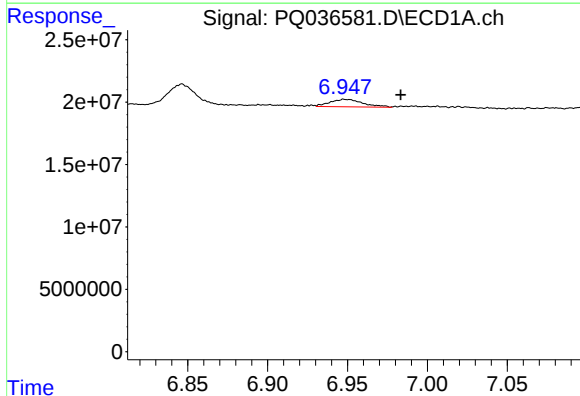
R.T.: 6.594 min
Delta R.T.: -0.020 min
Response: 11730223
Conc: 55.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



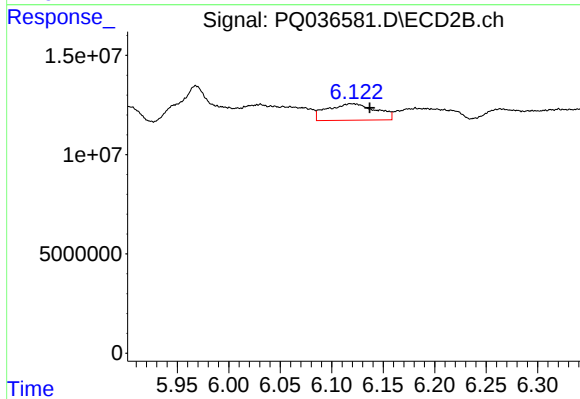
#27 AR-1254-2

R.T.: 5.722 min
Delta R.T.: -0.014 min
Response: 15183185
Conc: 166.16 ng/ml



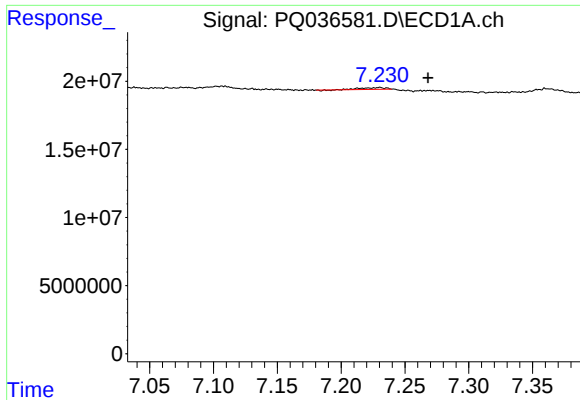
#28 AR-1254-3

R.T.: 6.949 min
Delta R.T.: -0.035 min
Response: 8604387
Conc: 36.66 ng/ml



#28 AR-1254-3

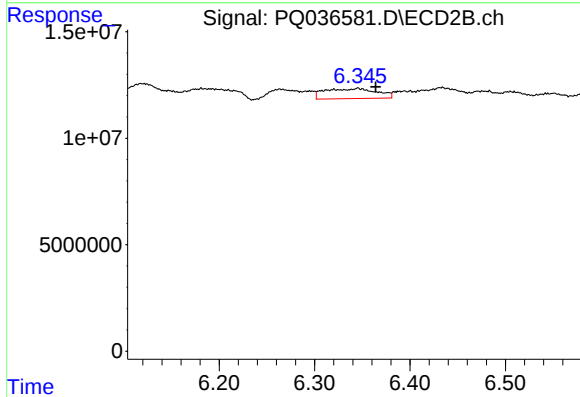
R.T.: 6.119 min
Delta R.T.: -0.018 min
Response: 27217338
Conc: 170.95 ng/ml



#29 AR-1254-4

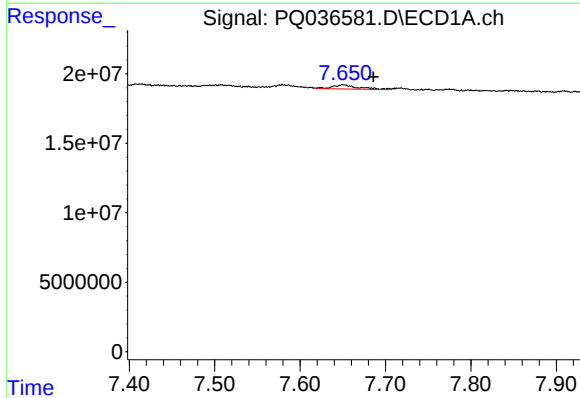
R.T.: 7.230 min
Delta R.T.: -0.038 min
Response: 1626207
Conc: 9.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



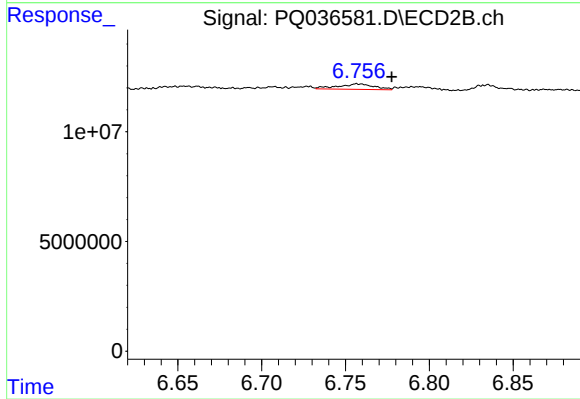
#29 AR-1254-4

R.T.: 6.345 min
Delta R.T.: -0.019 min
Response: 17698926
Conc: 168.62 ng/ml



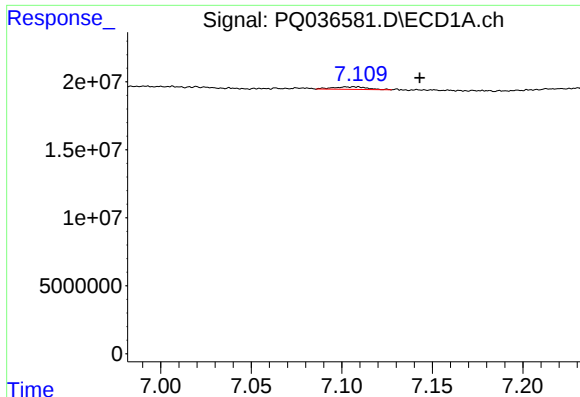
#30 AR-1254-5

R.T.: 7.650 min
Delta R.T.: -0.036 min
Response: 6558990
Conc: 32.02 ng/ml



#30 AR-1254-5

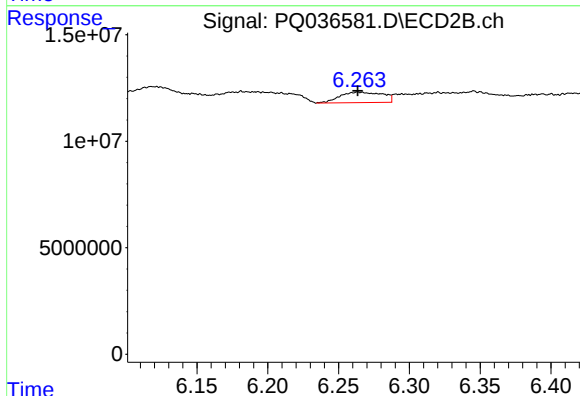
R.T.: 6.757 min
Delta R.T.: -0.021 min
Response: 3753955
Conc: 25.84 ng/ml



#31 AR-1260-1

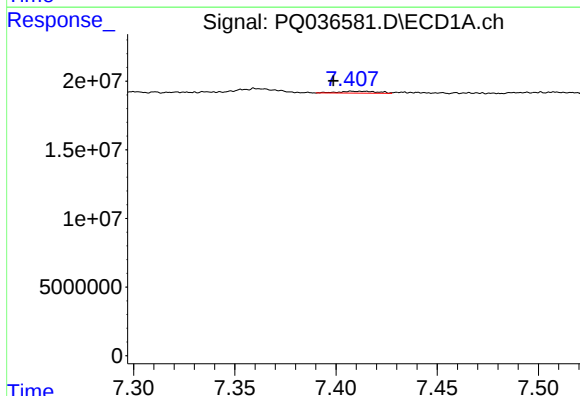
R.T.: 7.107 min
Delta R.T.: -0.036 min
Response: 2414461
Conc: 12.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



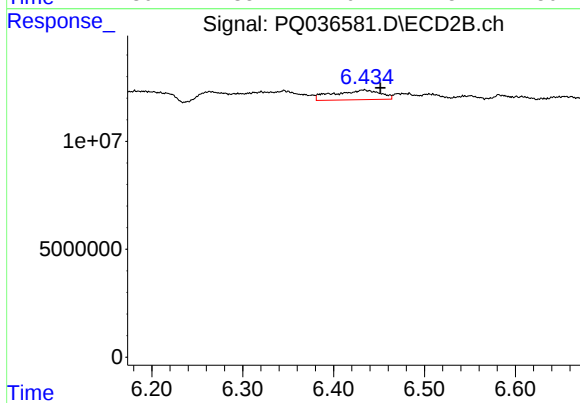
#31 AR-1260-1

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 10345792
Conc: 86.88 ng/ml



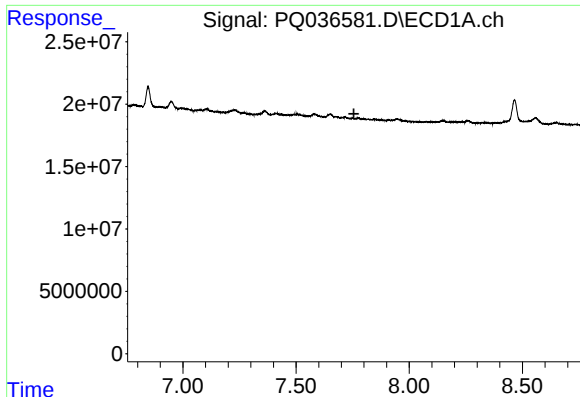
#32 AR-1260-2

R.T.: 7.408 min
Delta R.T.: 0.009 min
Response: 1906554
Conc: 8.31 ng/ml



#32 AR-1260-2

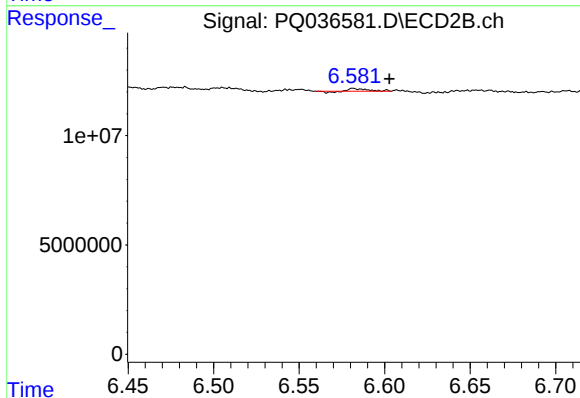
R.T.: 6.434 min
Delta R.T.: -0.018 min
Response: 15992983
Conc: 111.40 ng/ml



#33 AR-1260-3

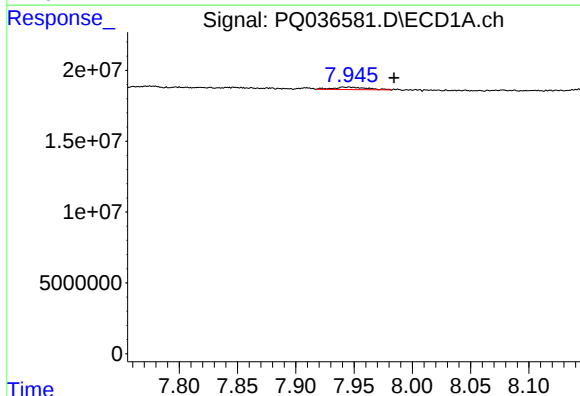
R.T.: 0.000 min
Exp R.T.: 7.756 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



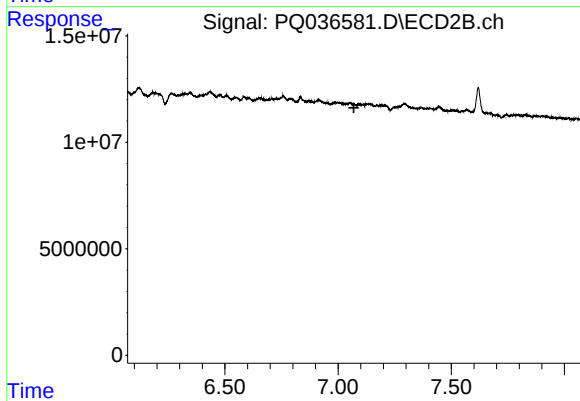
#33 AR-1260-3

R.T.: 6.582 min
Delta R.T.: -0.021 min
Response: 736041
Conc: 5.57 ng/ml



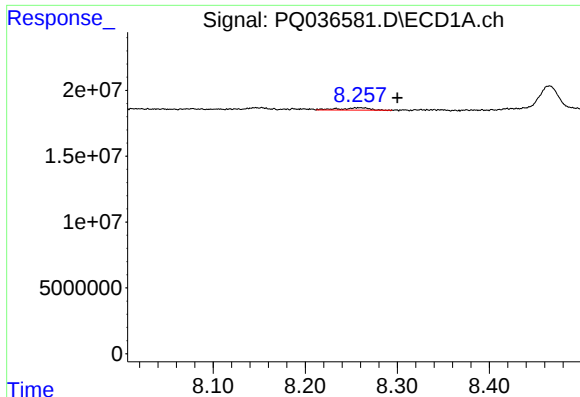
#34 AR-1260-4

R.T.: 7.946 min
Delta R.T.: -0.038 min
Response: 3418125
Conc: 19.82 ng/ml



#34 AR-1260-4

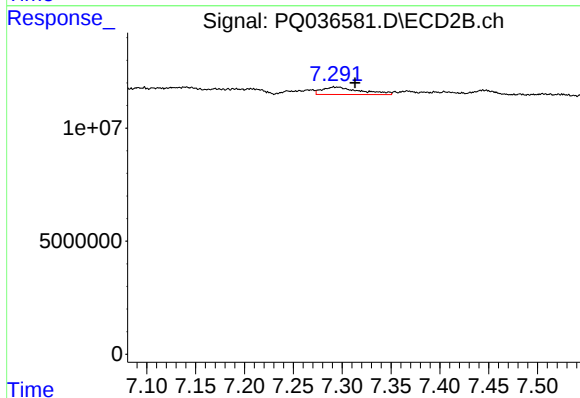
R.T.: 0.000 min
Exp R.T.: 7.070 min
Response: 0
Conc: N.D.



#35 AR-1260-5

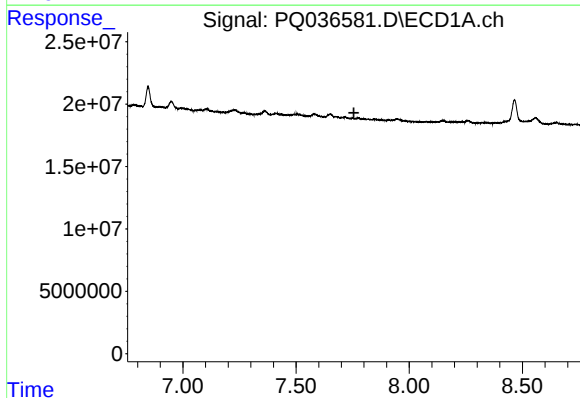
R.T.: 8.259 min
Delta R.T.: -0.041 min
Response: 3956977
Conc: 11.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



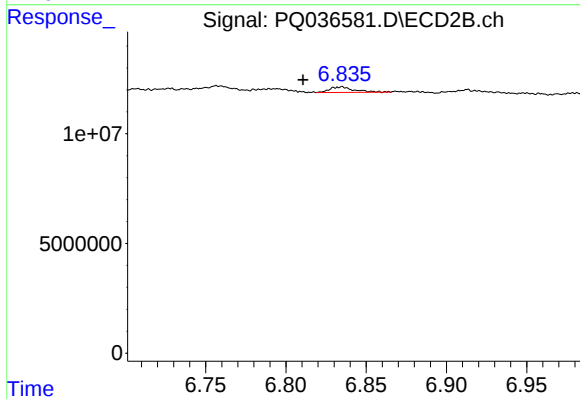
#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: -0.021 min
Response: 8865358
Conc: 40.13 ng/ml



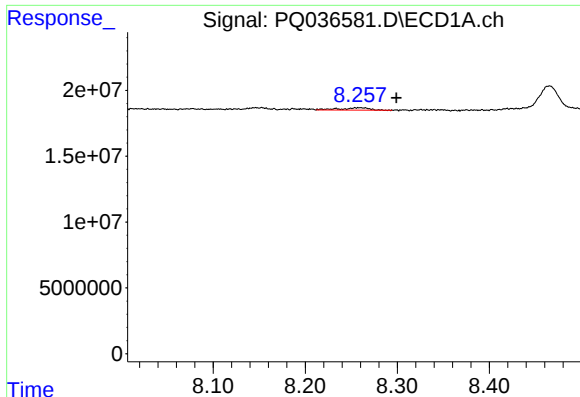
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.755 min
Response: 0
Conc: N.D.



#36 AR-1262-1

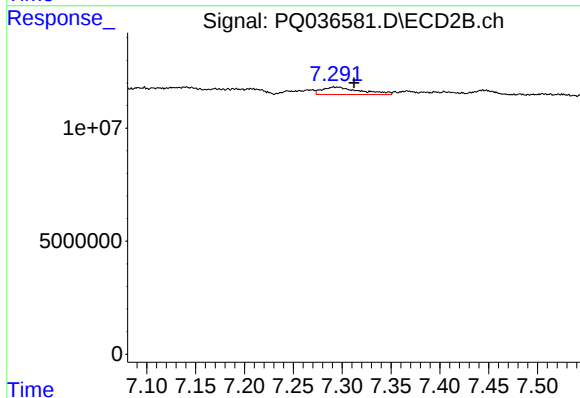
R.T.: 6.835 min
Delta R.T.: 0.024 min
Response: 2581340
Conc: 16.74 ng/ml



#37 AR-1262-2

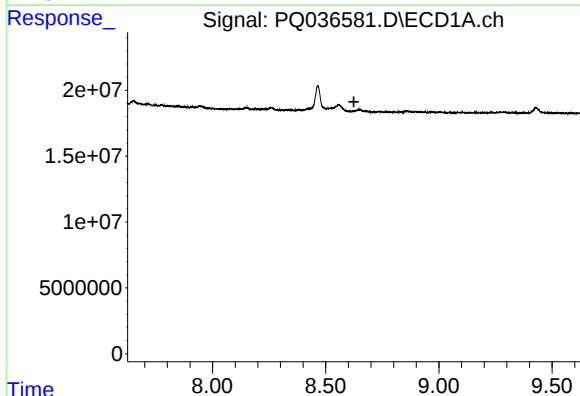
R.T.: 8.259 min
Delta R.T.: -0.040 min
Response: 3956977
Conc: 9.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



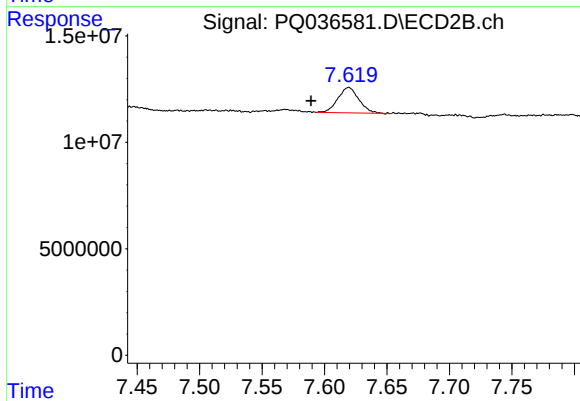
#37 AR-1262-2

R.T.: 7.292 min
Delta R.T.: -0.020 min
Response: 8865358
Conc: 31.85 ng/ml



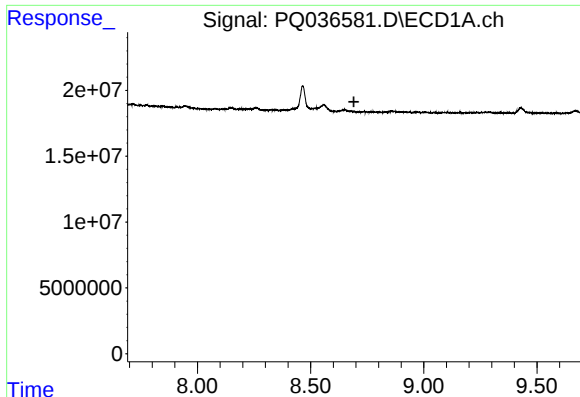
#38 AR-1262-3

R.T.: 8.652 min
Delta R.T.: 0.028 min
Response: -1244655
Conc: N.D.



#38 AR-1262-3

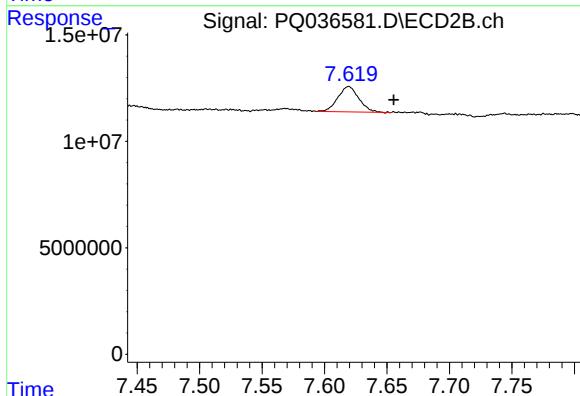
R.T.: 7.619 min
Delta R.T.: 0.030 min
Response: 13945677
Conc: 134.53 ng/ml



#39 AR-1262-4

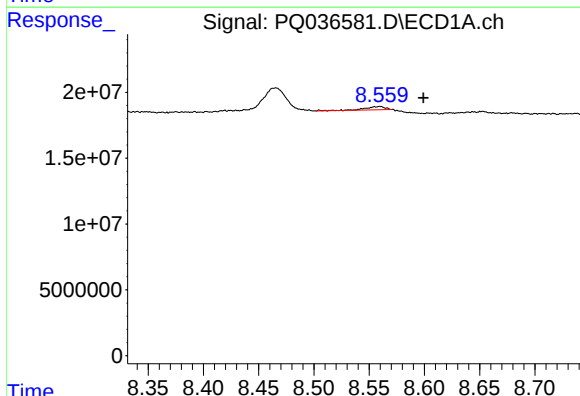
R.T.: 8.652 min
Delta R.T.: -0.039 min
Response: -1244655
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



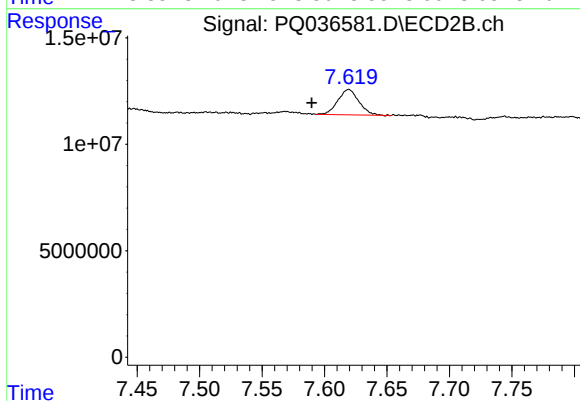
#39 AR-1262-4

R.T.: 7.619 min
Delta R.T.: -0.036 min
Response: 13945677
Conc: 70.07 ng/ml



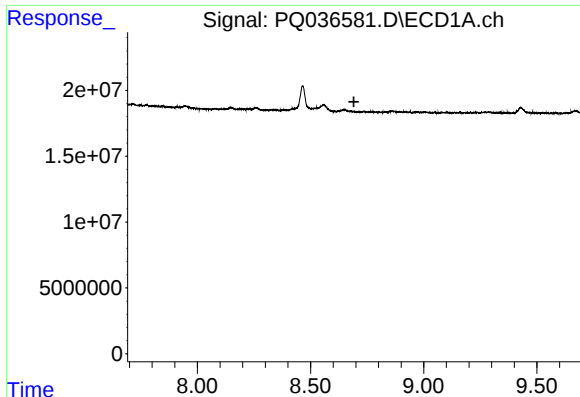
#41 AR-1268-1

R.T.: 8.560 min
Delta R.T.: -0.039 min
Response: 3096938
Conc: 6.10 ng/ml



#41 AR-1268-1

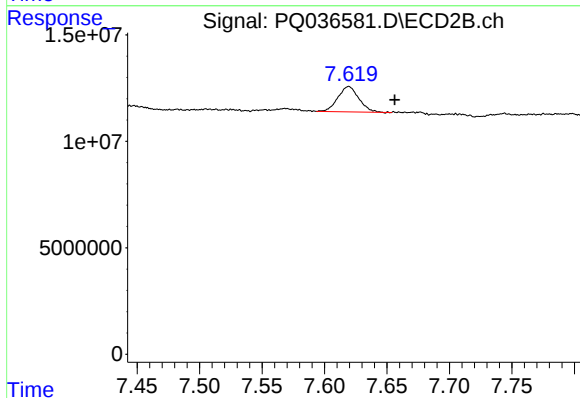
R.T.: 7.619 min
Delta R.T.: 0.030 min
Response: 13945677
Conc: 43.90 ng/ml



#42 AR-1268-2

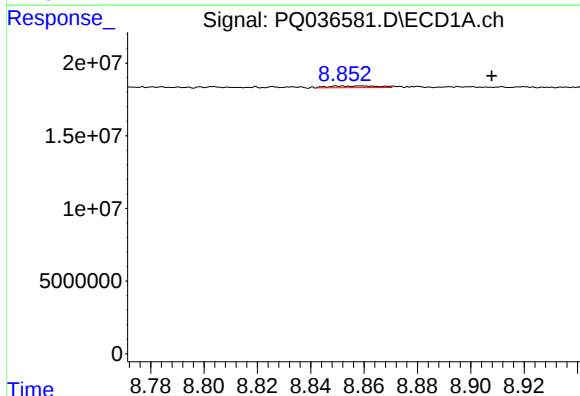
R.T.: 8.652 min
Delta R.T.: -0.039 min
Response: -1244655
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



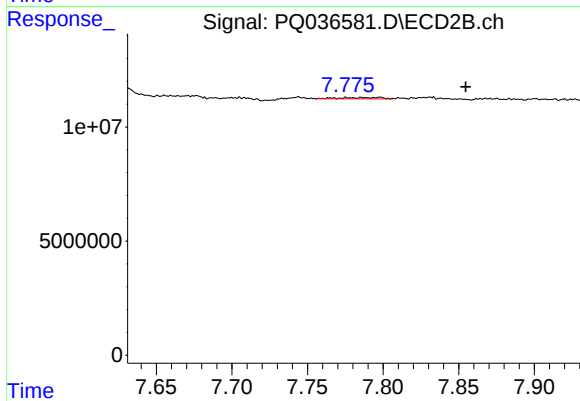
#42 AR-1268-2

R.T.: 7.619 min
Delta R.T.: -0.037 min
Response: 13945677
Conc: 48.43 ng/ml



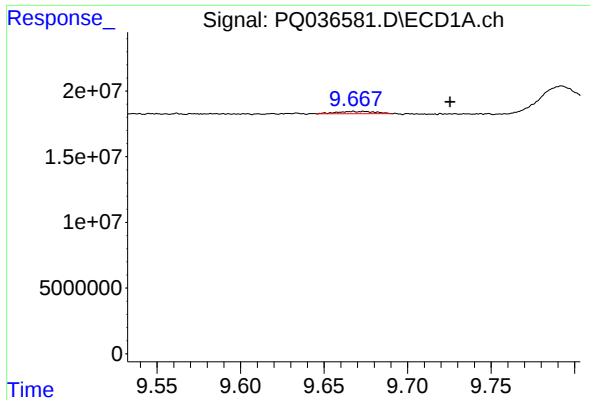
#43 AR-1268-3

R.T.: 8.859 min
Delta R.T.: -0.049 min
Response: 1593342
Conc: 3.89 ng/ml



#43 AR-1268-3

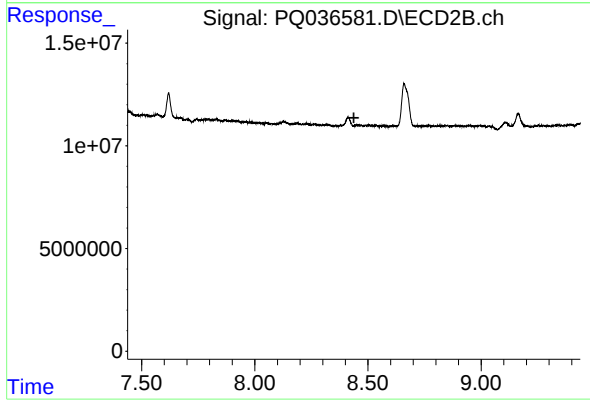
R.T.: 7.798 min
Delta R.T.: -0.057 min
Response: 1072147
Conc: 4.55 ng/ml



#45 AR-1268-5

R.T.: 9.674 min
Delta R.T.: -0.051 min
Response: 2712228
Conc: 2.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SITE4-EAST



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.438 min
Response: 0
Conc: N.D.