

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061722\
 Data File : PQ058140.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2022 09:24
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 22:27:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 09 05:05:02 2022
 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...	4.687	4.049	294.2E6	293.7E6	19.851	19.063
2)	SA Decachlor...	10.609	9.195	510.2E6	443.1E6	36.514	39.542
Target Compounds							
3)	L1 AR-1016-1	5.871	5.154	93870909	113.5E6	237.478	229.228
4)	L1 AR-1016-2	5.895	5.174	125.8E6	116.1E6	187.530	164.172
5)	L1 AR-1016-3	5.957	5.356	62173013	74747640	150.521	202.888 #
6)	L1 AR-1016-4	6.057	5.392	70293480	156.9E6	199.460	532.691 #
7)	L1 AR-1016-5	6.351	5.612	156.6E6	195.5E6	511.034	512.534
8)	L2 AR-1221-1	4.891	4.270	748150	308613	4.816	1.901 #
9)	L2 AR-1221-2	4.997	4.356	5144787	4945003	45.065	43.629
10)	L2 AR-1221-3	5.068	4.431	9237498	9189041	24.876	24.002
11)	L3 AR-1232-1	5.068	4.431	9237498	9189041	33.490	31.152
12)	L3 AR-1232-2	5.602	5.174	46494879	116.1E6	338.595	406.564
13)	L3 AR-1232-3	5.895	5.356	125.8E6	74747640	459.983	509.464
14)	L3 AR-1232-4	6.057	5.436	70293480	164.4E6	501.156	1250.922 #
15)	L3 AR-1232-5	6.144	5.612	122.7E6	195.5E6	1462.207	1326.237
16)	L4 AR-1242-1	5.871	5.154	93870909	113.5E6	294.053	280.596
17)	L4 AR-1242-2	5.895	5.174	125.8E6	116.1E6	229.664	201.116
18)	L4 AR-1242-3	5.957	5.356	62173013	74747640	184.844	247.382 #
19)	L4 AR-1242-4	6.057	5.436	70293480	164.4E6	243.664	561.156 #
20)	L4 AR-1242-5	6.797	5.964	173.8E6	276.0E6	623.571	737.705
21)	L5 AR-1248-1	5.871	5.154	93870909	113.5E6	381.512	364.024
22)	L5 AR-1248-2	6.144	5.392	122.7E6	156.9E6	379.222	373.027
23)	L5 AR-1248-3	6.351	5.436	156.6E6	164.4E6	375.088	373.526
24)	L5 AR-1248-4	6.758	5.612	167.4E6	195.5E6	365.703	370.755
25)	L5 AR-1248-5	6.797	6.007	173.8E6	193.1E6	365.553	367.524
26)	L6 AR-1254-1	6.729	5.964	130.3E6	276.0E6	302.847	344.644
27)	L6 AR-1254-2	6.956	6.111	178.0E6	80791903	263.454	116.558 #
28)	L6 AR-1254-3	7.319	6.521	102.5E6	129.1E6	124.267	112.878
29)	L6 AR-1254-4	7.605	6.747	64134390	88465377	115.896	128.455
30)	L6 AR-1254-5	8.025	7.169	14528909	20498882	23.120	21.480
31)	L7 AR-1260-1	7.479	6.670	9094018	45172145	19.155	67.417 #
32)	L7 AR-1260-2	7.730	6.835	18339036	13470741	31.865	16.741 #
33)	L7 AR-1260-3	8.025	6.995	14528909	13121725	19.731	17.355
34)	L7 AR-1260-4	8.329	7.468	9563170	2748085	17.493	4.346 #
35)	L7 AR-1260-5	8.675	7.705	5270748	3850124	4.431	2.605 #
36)	L8 AR-1262-1	8.052f	7.169	1902949	20498882	2.692	40.244 #
37)	L8 AR-1262-2	8.675	7.705	5270748	3850124	3.669	2.182 #
38)	L8 AR-1262-3	9.007	7.986	687226	1613834	0.935	2.383 #
39)	L8 AR-1262-4	9.088	8.057	425760	2778072	0.682	2.221 #
40)	L8 AR-1262-5	0.000	8.583	0	745138	N.D.	1.412 #
41)	L9 AR-1268-1	9.007	7.986	687226	1613834	0.386	0.808 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061722\
 Data File : PQ058140.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2022 09:24
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

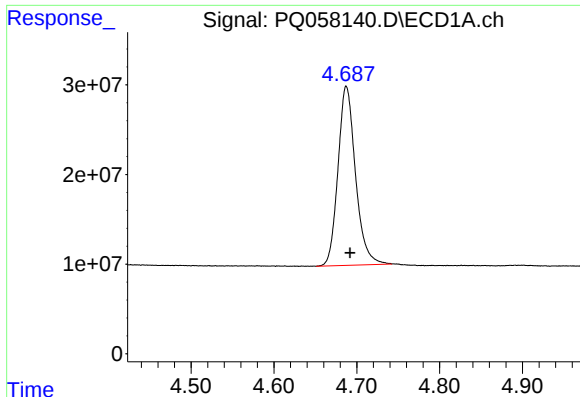
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 22:27:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 09 05:05:02 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.088	8.057	425760	2778072	0.226	1.534 #
43) L9	AR-1268-3	9.344	8.276	2391969	802938	1.416	0.514 #
44) L9	AR-1268-4	0.000	8.583	0	745138	N.D.	1.259 #
45) L9	AR-1268-5	10.248	8.906	3325022	2703572	0.601	0.605

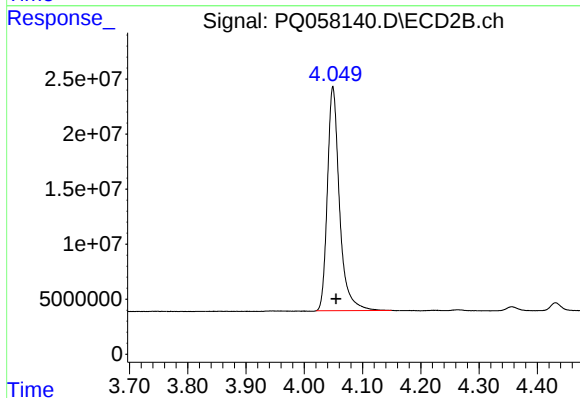
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

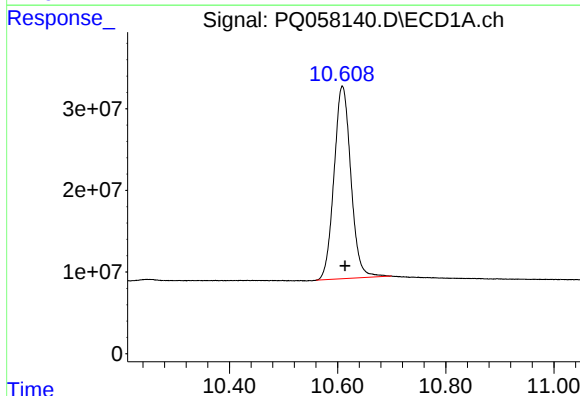
R.T.: 4.687 min
Delta R.T.: -0.005 min
Response: 294183318
Conc: 19.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



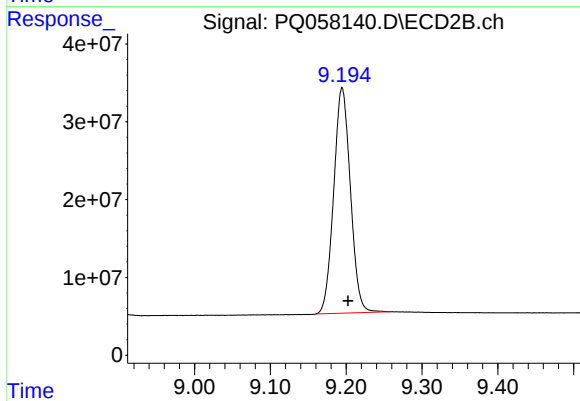
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: -0.005 min
Response: 293720451
Conc: 19.06 ng/ml



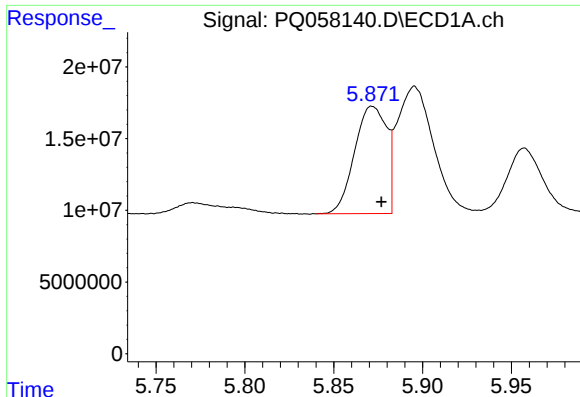
#2 Decachlorobiphenyl

R.T.: 10.609 min
Delta R.T.: -0.005 min
Response: 510198284
Conc: 36.51 ng/ml



#2 Decachlorobiphenyl

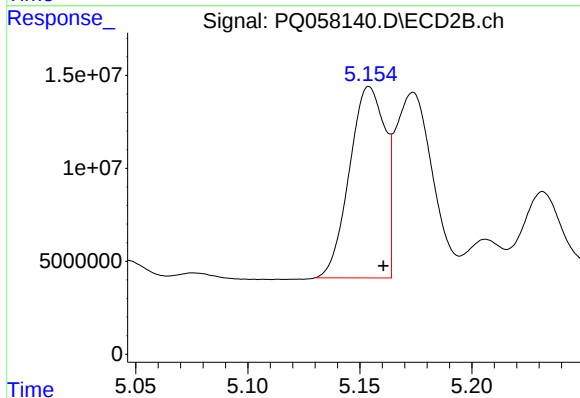
R.T.: 9.195 min
Delta R.T.: -0.008 min
Response: 443131789
Conc: 39.54 ng/ml



#3 AR-1016-1

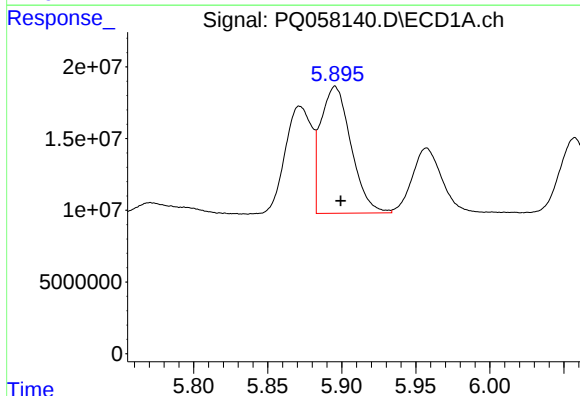
R.T.: 5.871 min
Delta R.T.: -0.005 min
Response: 93870909
Conc: 237.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



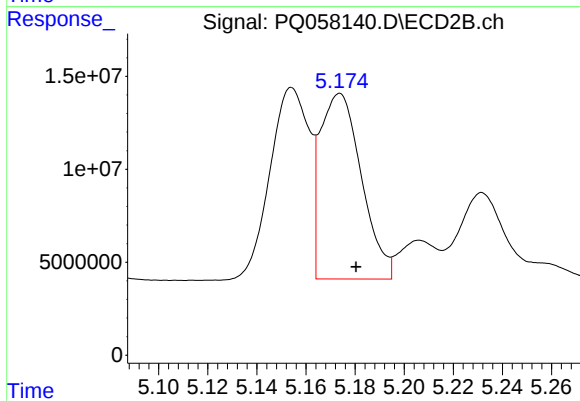
#3 AR-1016-1

R.T.: 5.154 min
Delta R.T.: -0.006 min
Response: 113470812
Conc: 229.23 ng/ml



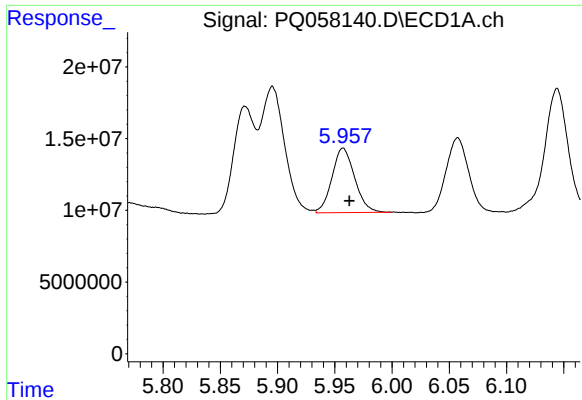
#4 AR-1016-2

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 125846523
Conc: 187.53 ng/ml



#4 AR-1016-2

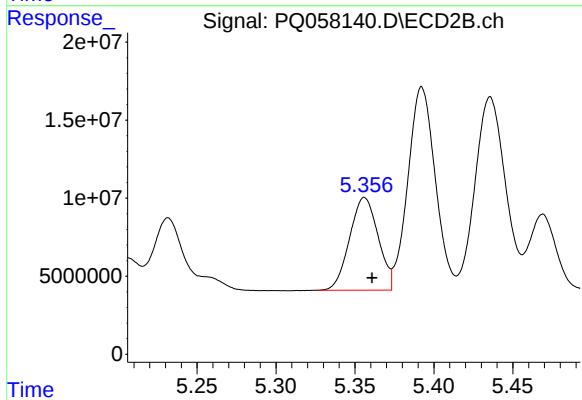
R.T.: 5.174 min
Delta R.T.: -0.007 min
Response: 116115514
Conc: 164.17 ng/ml



#5 AR-1016-3

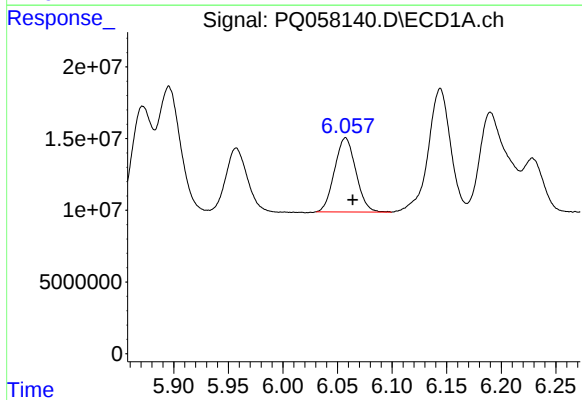
R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 62173013
Conc: 150.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



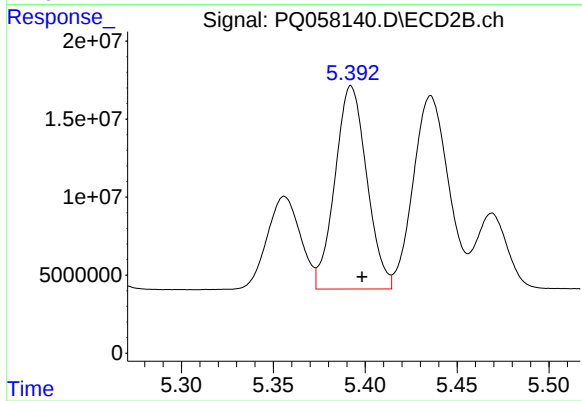
#5 AR-1016-3

R.T.: 5.356 min
Delta R.T.: -0.005 min
Response: 74747640
Conc: 202.89 ng/ml



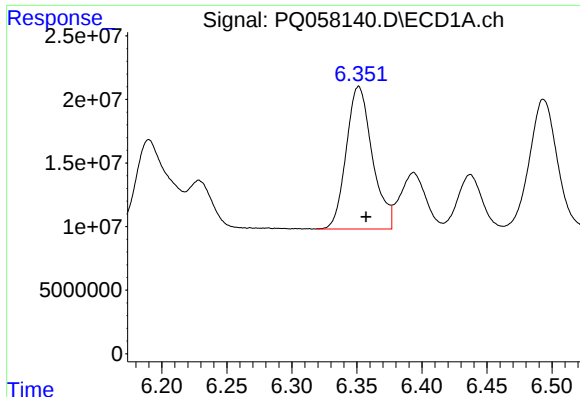
#6 AR-1016-4

R.T.: 6.057 min
Delta R.T.: -0.006 min
Response: 70293480
Conc: 199.46 ng/ml



#6 AR-1016-4

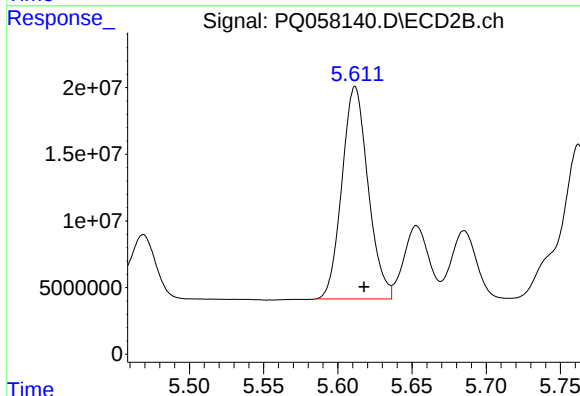
R.T.: 5.392 min
Delta R.T.: -0.006 min
Response: 156906973
Conc: 532.69 ng/ml



#7 AR-1016-5

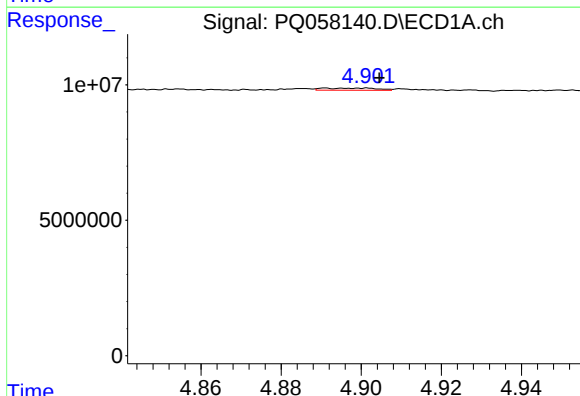
R.T.: 6.351 min
Delta R.T.: -0.006 min
Response: 156645803
Conc: 511.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



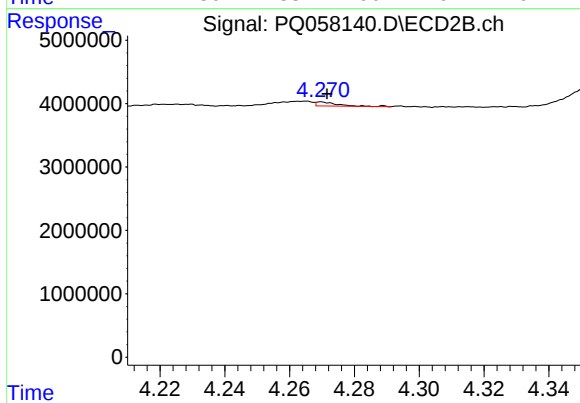
#7 AR-1016-5

R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 195547541
Conc: 512.53 ng/ml



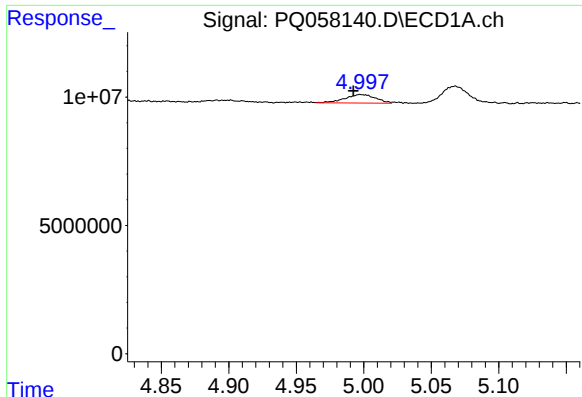
#8 AR-1221-1

R.T.: 4.891 min
Delta R.T.: -0.013 min
Response: 748150
Conc: 4.82 ng/ml



#8 AR-1221-1

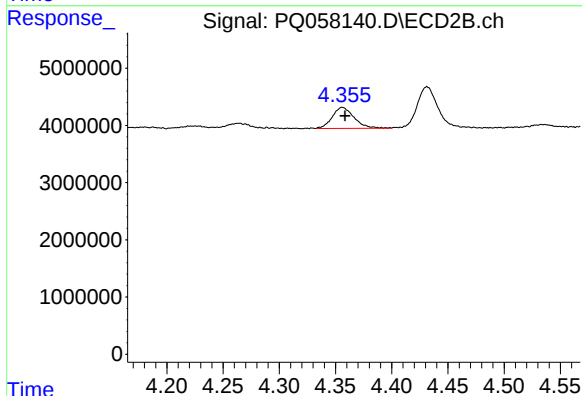
R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 308613
Conc: 1.90 ng/ml



#9 AR-1221-2

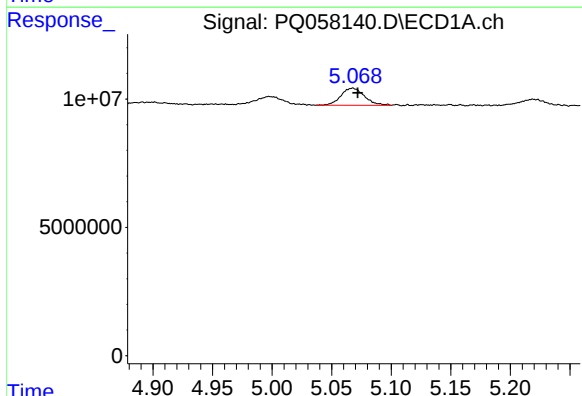
R.T.: 4.997 min
Delta R.T.: 0.005 min
Response: 5144787
Conc: 45.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



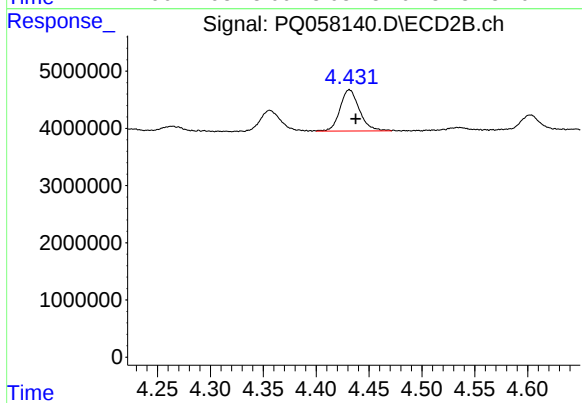
#9 AR-1221-2

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 4945003
Conc: 43.63 ng/ml



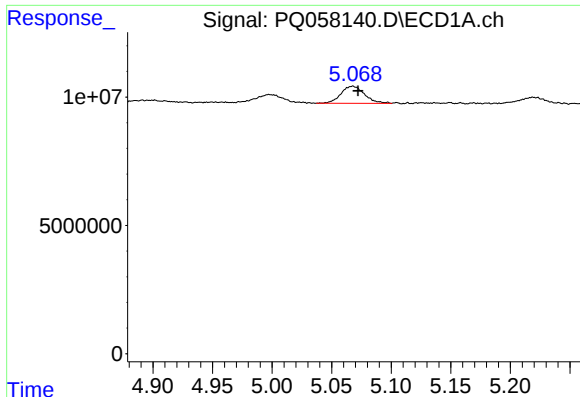
#10 AR-1221-3

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 9237498
Conc: 24.88 ng/ml



#10 AR-1221-3

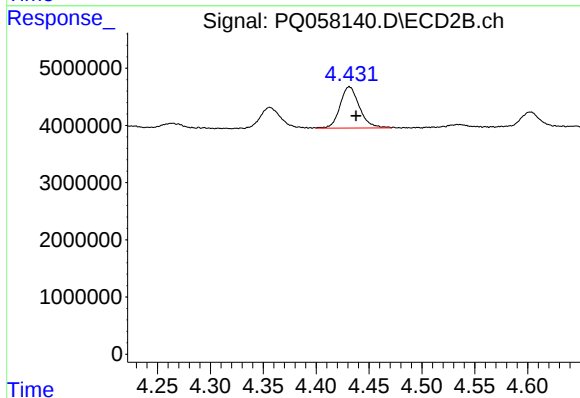
R.T.: 4.431 min
Delta R.T.: -0.006 min
Response: 9189041
Conc: 24.00 ng/ml



#11 AR-1232-1

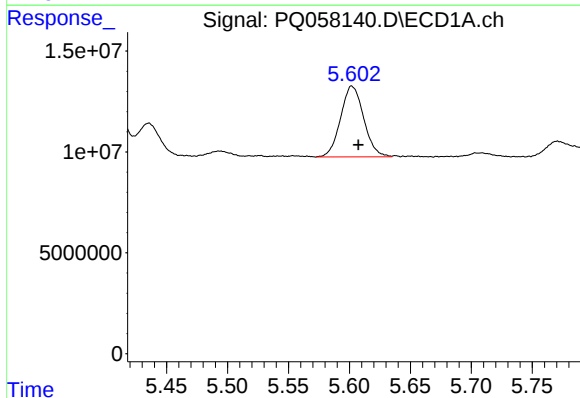
R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 9237498
Conc: 33.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



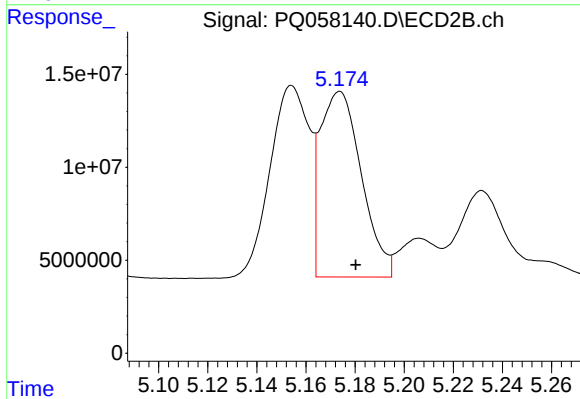
#11 AR-1232-1

R.T.: 4.431 min
Delta R.T.: -0.006 min
Response: 9189041
Conc: 31.15 ng/ml



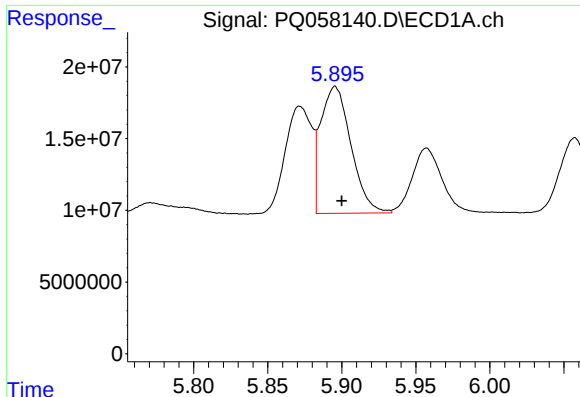
#12 AR-1232-2

R.T.: 5.602 min
Delta R.T.: -0.006 min
Response: 46494879
Conc: 338.60 ng/ml



#12 AR-1232-2

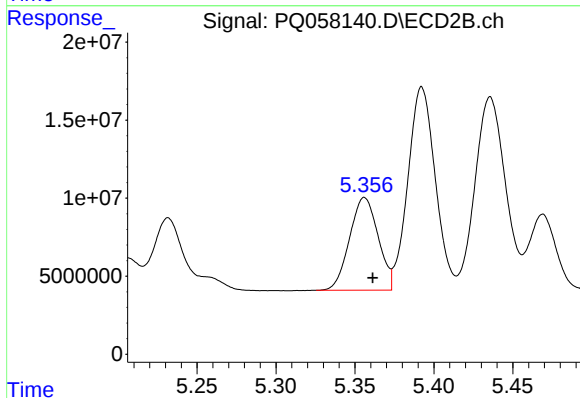
R.T.: 5.174 min
Delta R.T.: -0.007 min
Response: 116115514
Conc: 406.56 ng/ml



#13 AR-1232-3

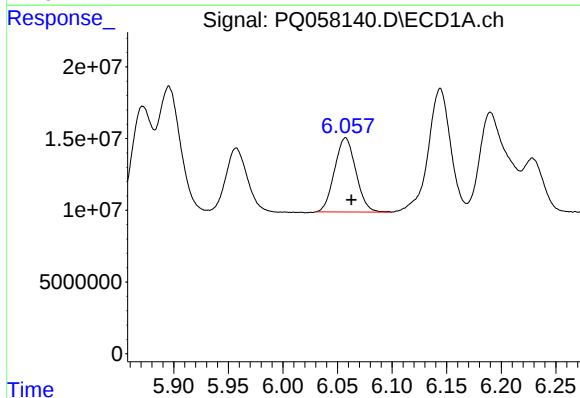
R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 125846523
Conc: 459.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



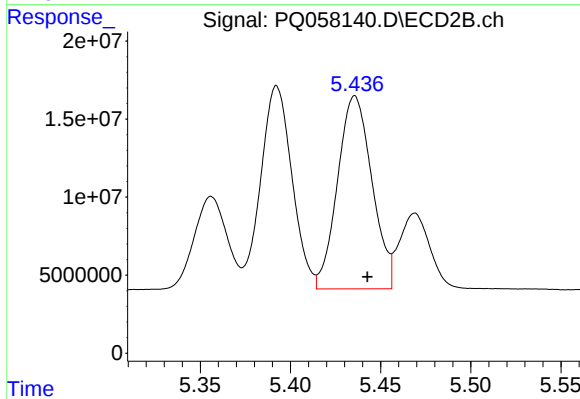
#13 AR-1232-3

R.T.: 5.356 min
Delta R.T.: -0.005 min
Response: 74747640
Conc: 509.46 ng/ml



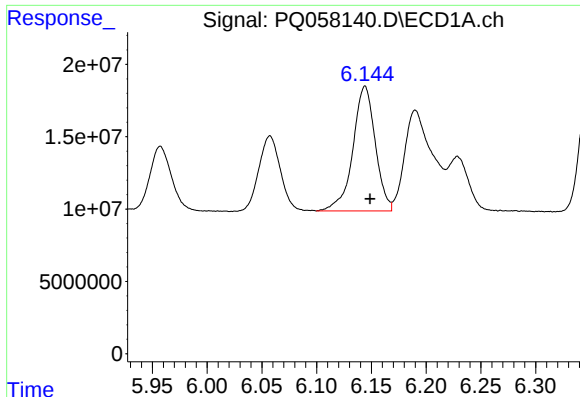
#14 AR-1232-4

R.T.: 6.057 min
Delta R.T.: -0.005 min
Response: 70293480
Conc: 501.16 ng/ml



#14 AR-1232-4

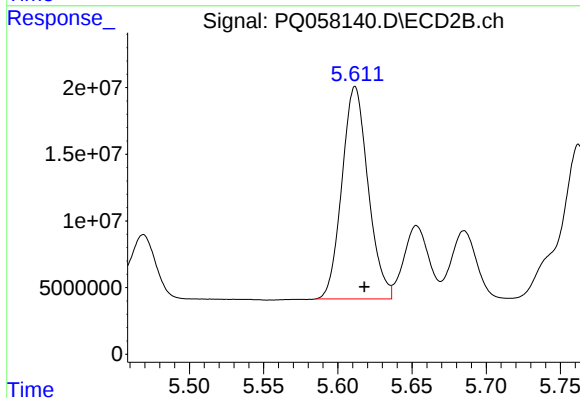
R.T.: 5.436 min
Delta R.T.: -0.007 min
Response: 164410345
Conc: 1250.92 ng/ml



#15 AR-1232-5

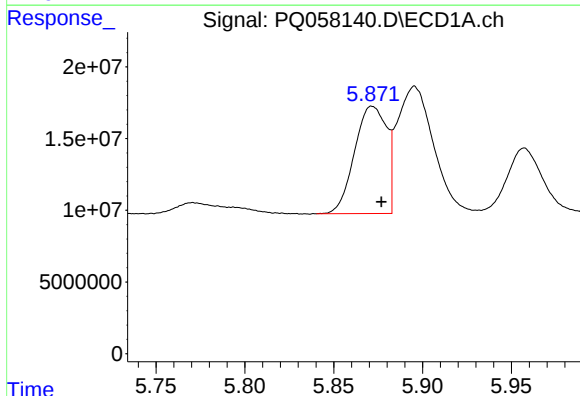
R.T.: 6.144 min
Delta R.T.: -0.005 min
Response: 122673398
Conc: 1462.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



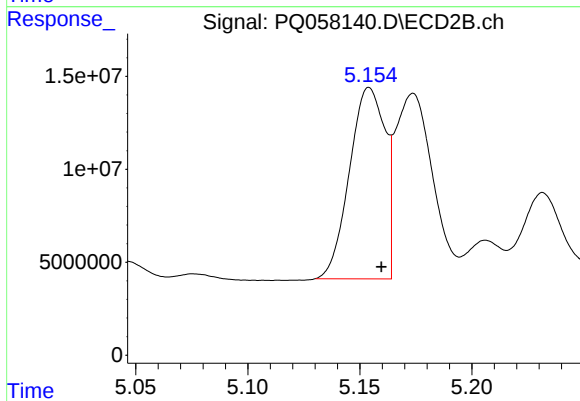
#15 AR-1232-5

R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 195547541
Conc: 1326.24 ng/ml



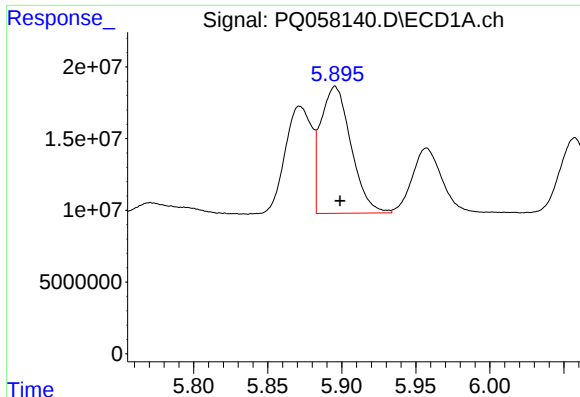
#16 AR-1242-1

R.T.: 5.871 min
Delta R.T.: -0.005 min
Response: 93870909
Conc: 294.05 ng/ml



#16 AR-1242-1

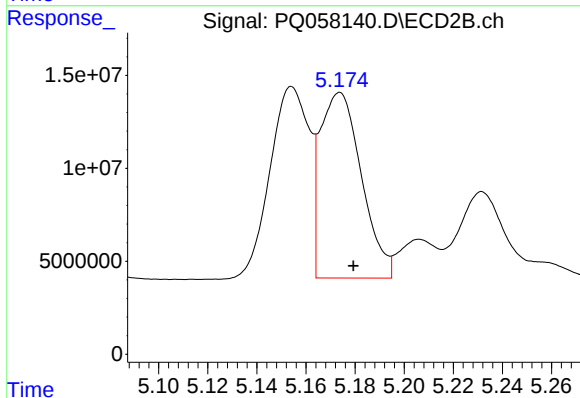
R.T.: 5.154 min
Delta R.T.: -0.005 min
Response: 113470812
Conc: 280.60 ng/ml



#17 AR-1242-2

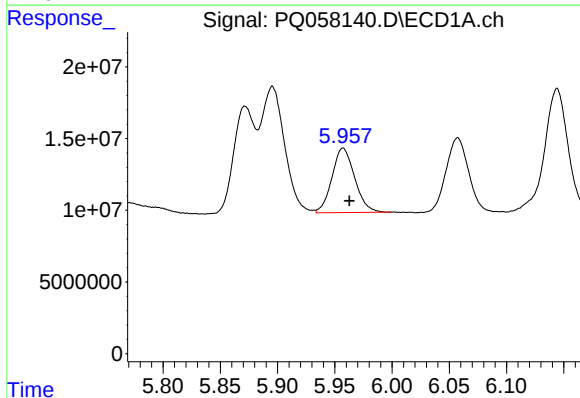
R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 125846523
Conc: 229.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



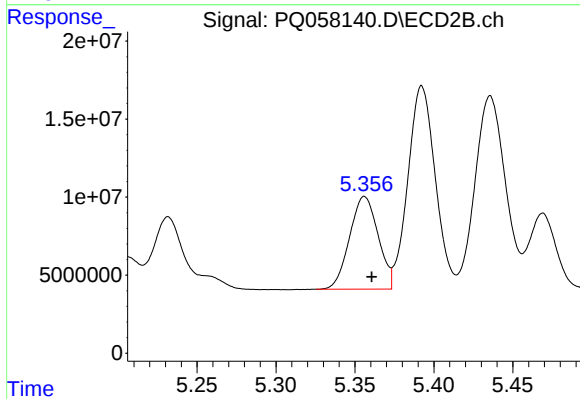
#17 AR-1242-2

R.T.: 5.174 min
Delta R.T.: -0.005 min
Response: 116115514
Conc: 201.12 ng/ml



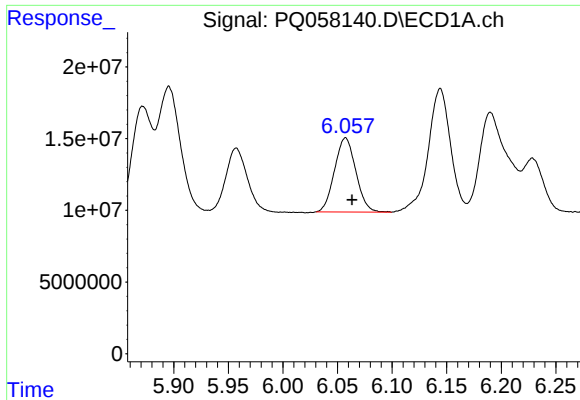
#18 AR-1242-3

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 62173013
Conc: 184.84 ng/ml



#18 AR-1242-3

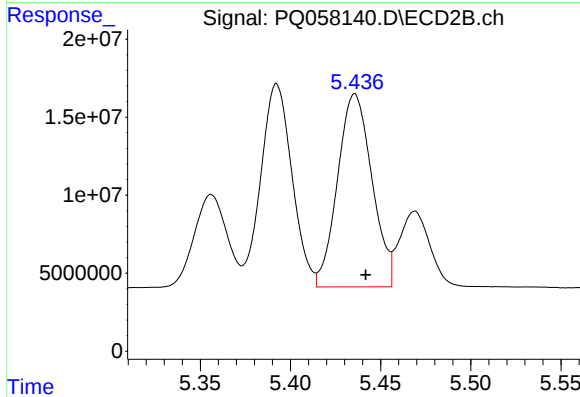
R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 74747640
Conc: 247.38 ng/ml



#19 AR-1242-4

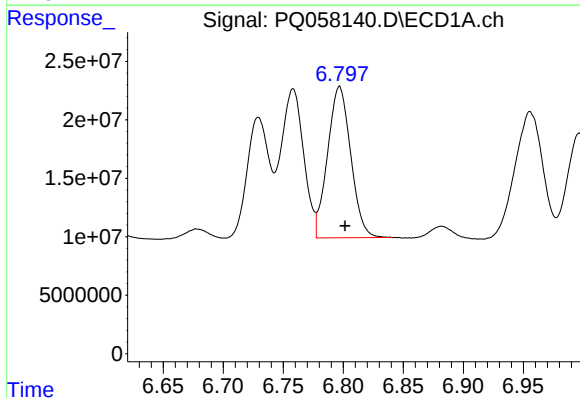
R.T.: 6.057 min
Delta R.T.: -0.006 min
Response: 70293480
Conc: 243.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



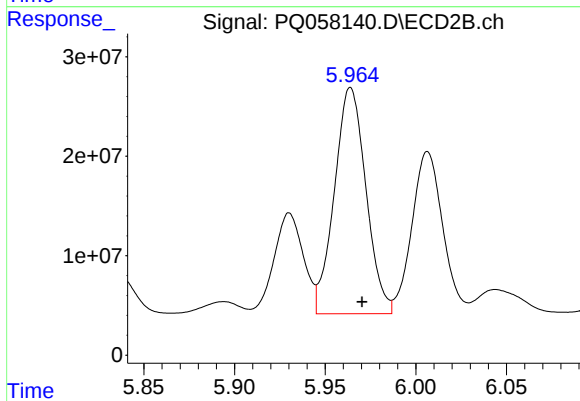
#19 AR-1242-4

R.T.: 5.436 min
Delta R.T.: -0.006 min
Response: 164410345
Conc: 561.16 ng/ml



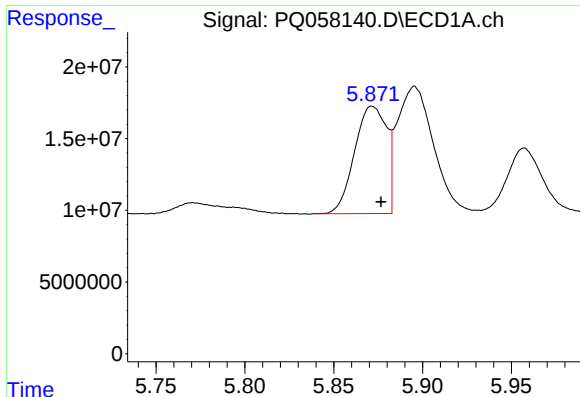
#20 AR-1242-5

R.T.: 6.797 min
Delta R.T.: -0.005 min
Response: 173819241
Conc: 623.57 ng/ml



#20 AR-1242-5

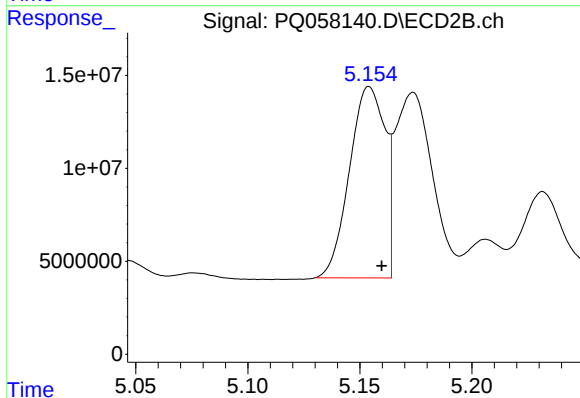
R.T.: 5.964 min
Delta R.T.: -0.006 min
Response: 275989327
Conc: 737.71 ng/ml



#21 AR-1248-1

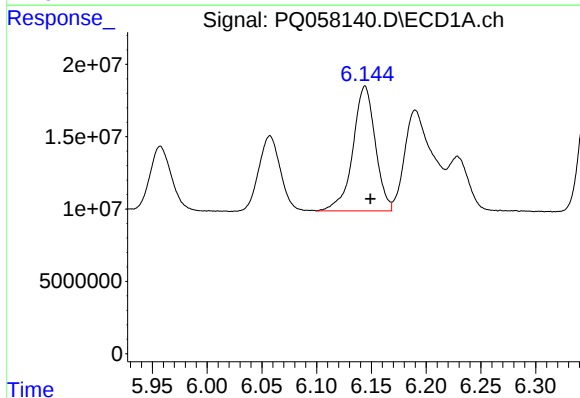
R.T.: 5.871 min
Delta R.T.: -0.005 min
Response: 93870909
Conc: 381.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



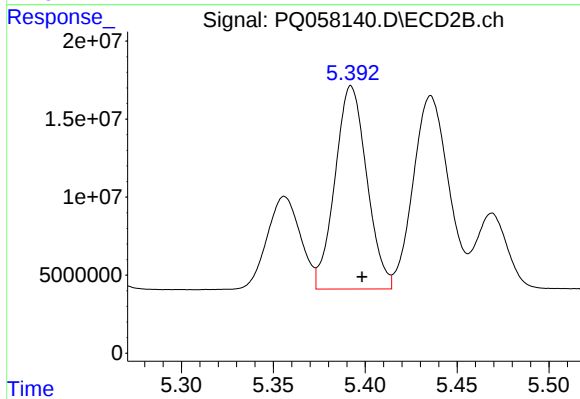
#21 AR-1248-1

R.T.: 5.154 min
Delta R.T.: -0.006 min
Response: 113470812
Conc: 364.02 ng/ml



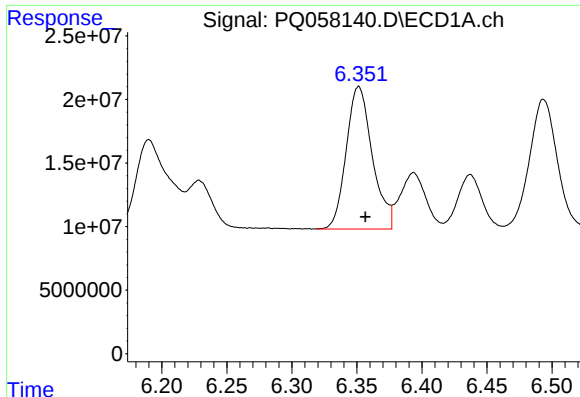
#22 AR-1248-2

R.T.: 6.144 min
Delta R.T.: -0.005 min
Response: 122673398
Conc: 379.22 ng/ml



#22 AR-1248-2

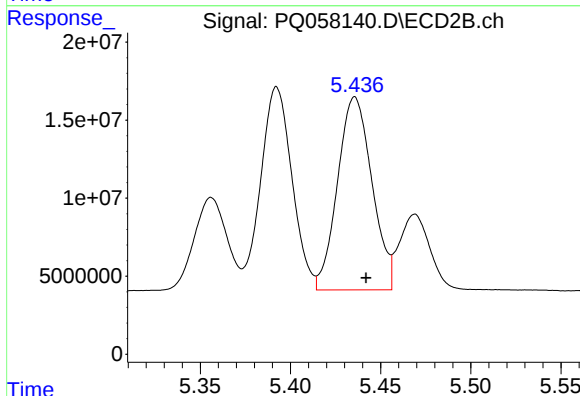
R.T.: 5.392 min
Delta R.T.: -0.006 min
Response: 156906973
Conc: 373.03 ng/ml



#23 AR-1248-3

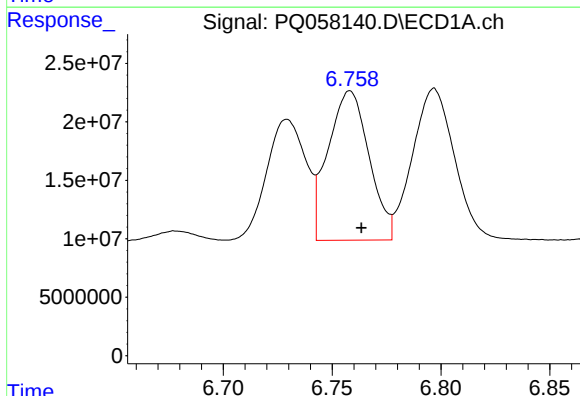
R.T.: 6.351 min
Delta R.T.: -0.005 min
Response: 156645803
Conc: 375.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



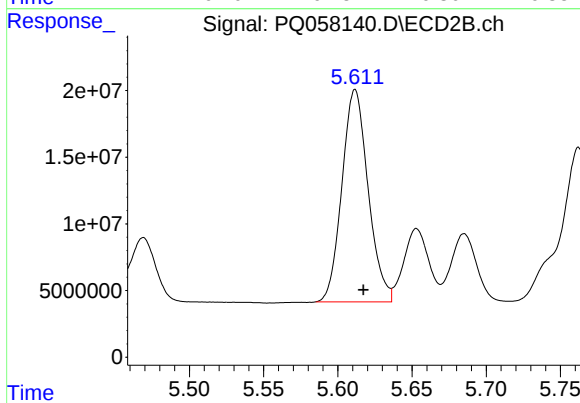
#23 AR-1248-3

R.T.: 5.436 min
Delta R.T.: -0.006 min
Response: 164410345
Conc: 373.53 ng/ml



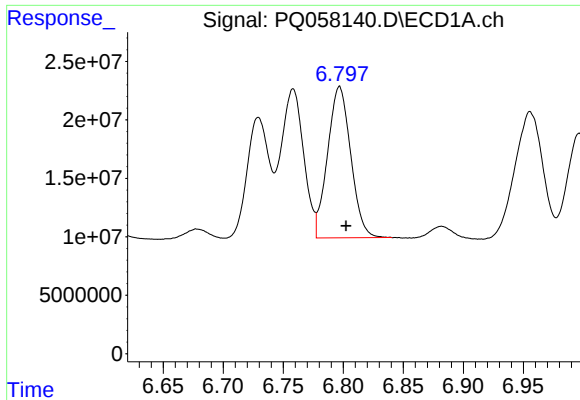
#24 AR-1248-4

R.T.: 6.758 min
Delta R.T.: -0.005 min
Response: 167428327
Conc: 365.70 ng/ml



#24 AR-1248-4

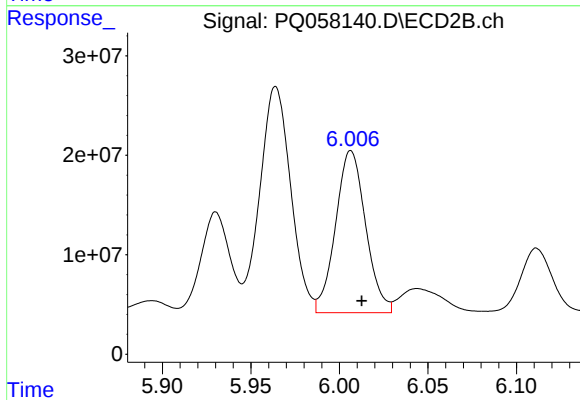
R.T.: 5.612 min
Delta R.T.: -0.006 min
Response: 195547541
Conc: 370.76 ng/ml



#25 AR-1248-5

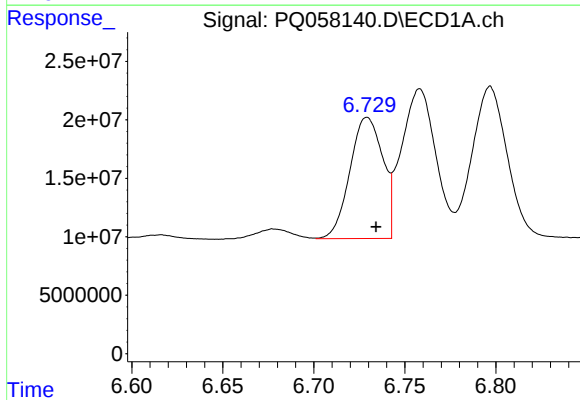
R.T.: 6.797 min
Delta R.T.: -0.005 min
Response: 173819241
Conc: 365.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



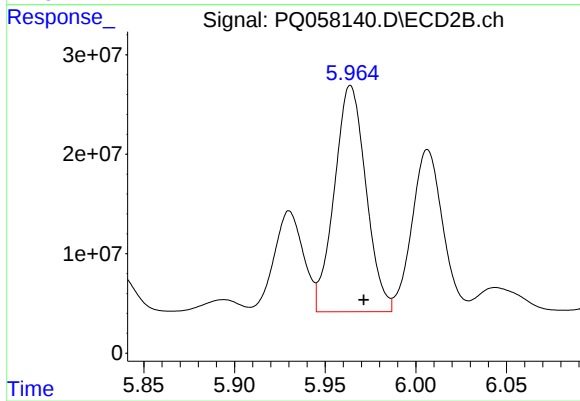
#25 AR-1248-5

R.T.: 6.007 min
Delta R.T.: -0.006 min
Response: 193063975
Conc: 367.52 ng/ml



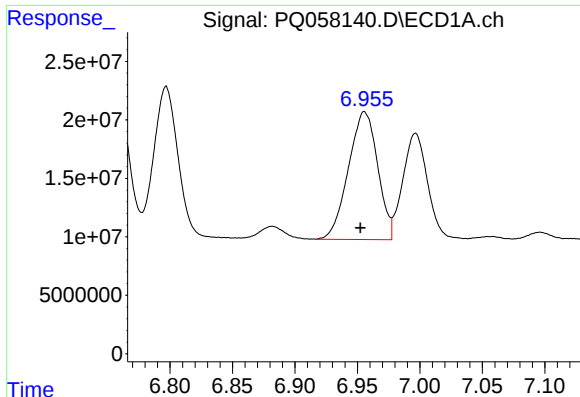
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.005 min
Response: 130340170
Conc: 302.85 ng/ml



#26 AR-1254-1

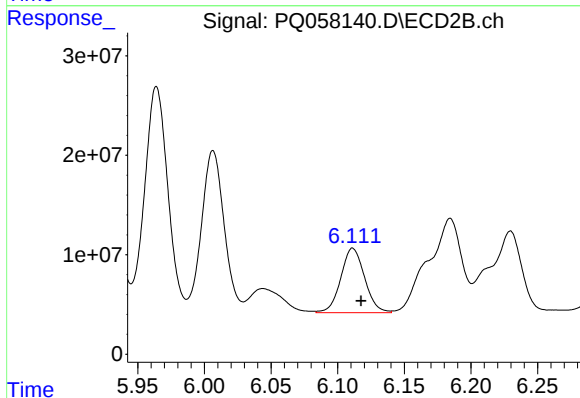
R.T.: 5.964 min
Delta R.T.: -0.007 min
Response: 275989327
Conc: 344.64 ng/ml



#27 AR-1254-2

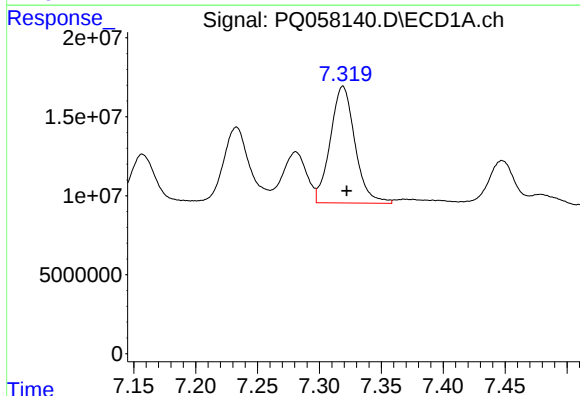
R.T.: 6.956 min
Delta R.T.: 0.003 min
Response: 178009903
Conc: 263.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



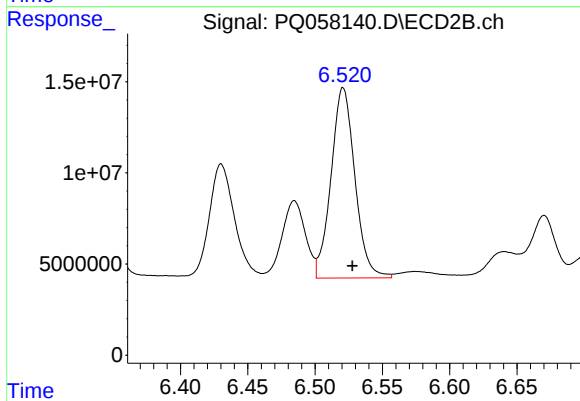
#27 AR-1254-2

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 80791903
Conc: 116.56 ng/ml



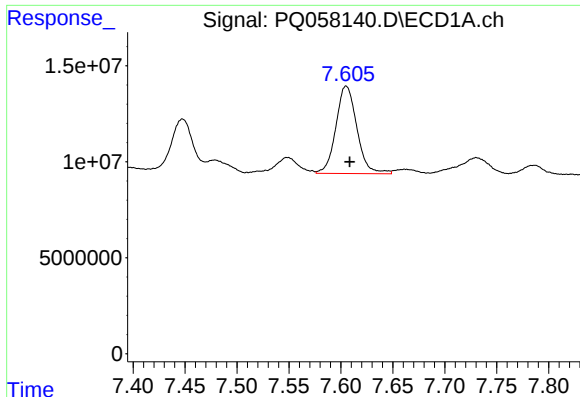
#28 AR-1254-3

R.T.: 7.319 min
Delta R.T.: -0.003 min
Response: 102499414
Conc: 124.27 ng/ml



#28 AR-1254-3

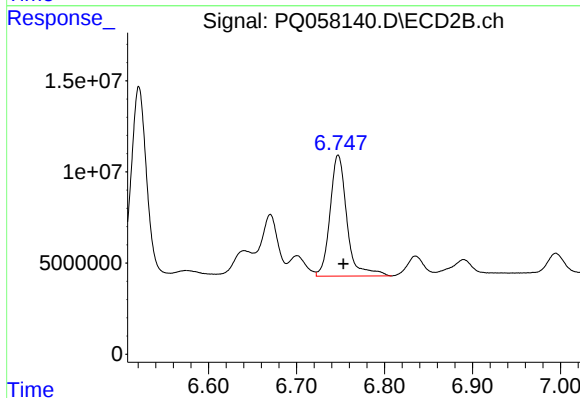
R.T.: 6.521 min
Delta R.T.: -0.007 min
Response: 129101157
Conc: 112.88 ng/ml



#29 AR-1254-4

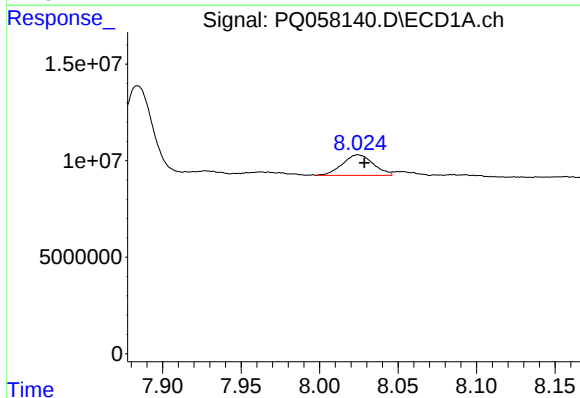
R.T.: 7.605 min
Delta R.T.: -0.004 min
Response: 64134390
Conc: 115.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



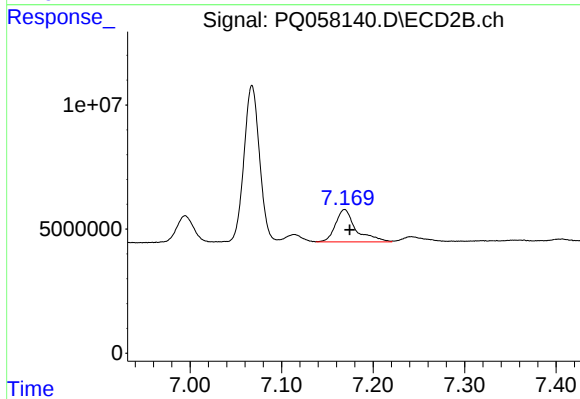
#29 AR-1254-4

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 88465377
Conc: 128.46 ng/ml



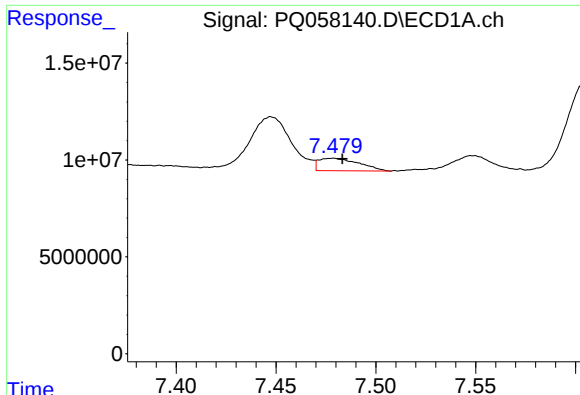
#30 AR-1254-5

R.T.: 8.025 min
Delta R.T.: -0.004 min
Response: 14528909
Conc: 23.12 ng/ml



#30 AR-1254-5

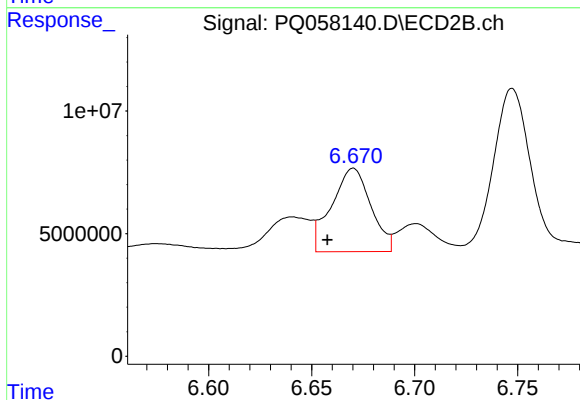
R.T.: 7.169 min
Delta R.T.: -0.006 min
Response: 20498882
Conc: 21.48 ng/ml



#31 AR-1260-1

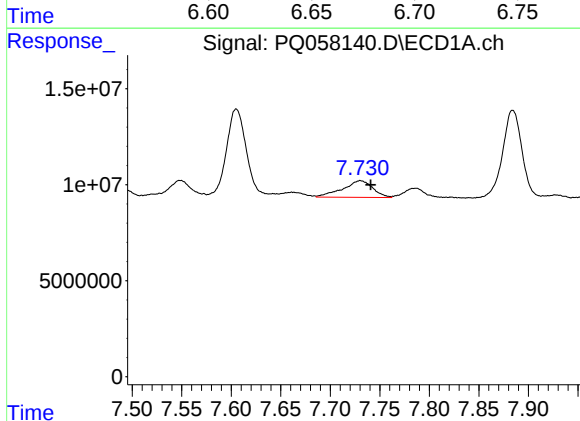
R.T.: 7.479 min
Delta R.T.: -0.005 min
Response: 9094018
Conc: 19.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



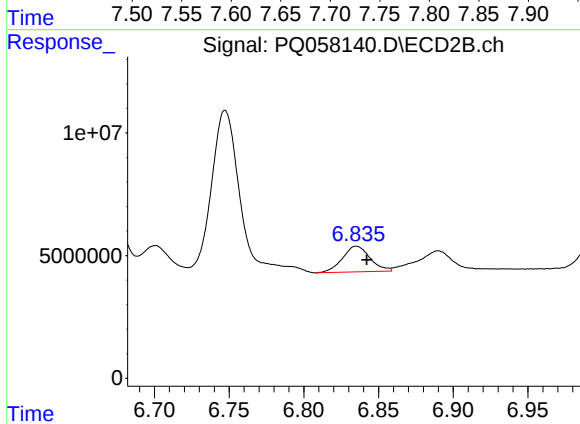
#31 AR-1260-1

R.T.: 6.670 min
Delta R.T.: 0.013 min
Response: 45172145
Conc: 67.42 ng/ml



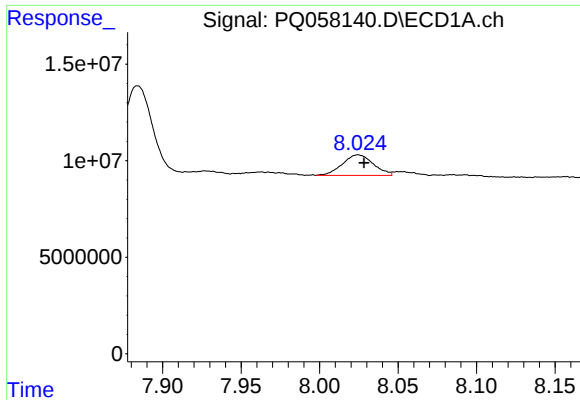
#32 AR-1260-2

R.T.: 7.730 min
Delta R.T.: -0.010 min
Response: 18339036
Conc: 31.87 ng/ml



#32 AR-1260-2

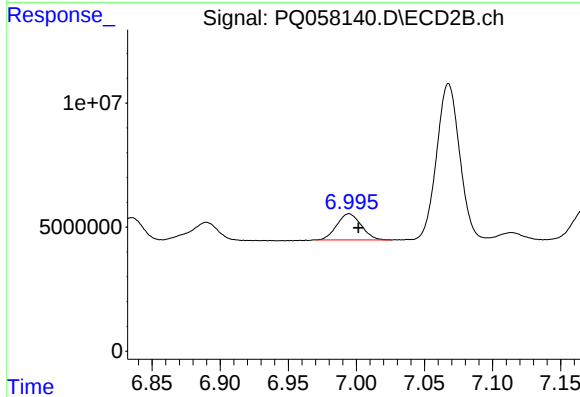
R.T.: 6.835 min
Delta R.T.: -0.007 min
Response: 13470741
Conc: 16.74 ng/ml



#33 AR-1260-3

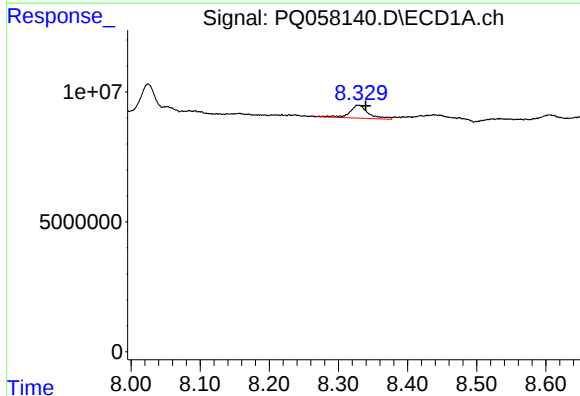
R.T.: 8.025 min
Delta R.T.: -0.004 min
Response: 14528909
Conc: 19.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



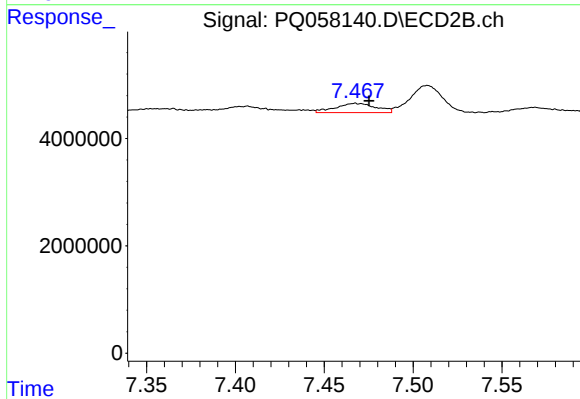
#33 AR-1260-3

R.T.: 6.995 min
Delta R.T.: -0.007 min
Response: 13121725
Conc: 17.35 ng/ml



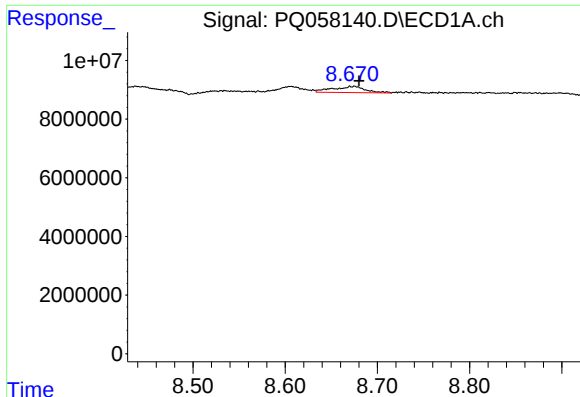
#34 AR-1260-4

R.T.: 8.329 min
Delta R.T.: -0.011 min
Response: 9563170
Conc: 17.49 ng/ml



#34 AR-1260-4

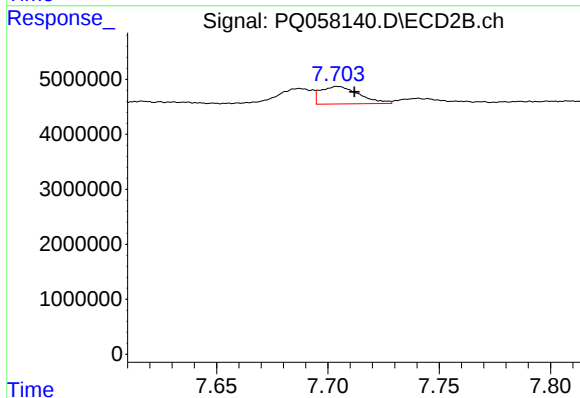
R.T.: 7.468 min
Delta R.T.: -0.008 min
Response: 2748085
Conc: 4.35 ng/ml



#35 AR-1260-5

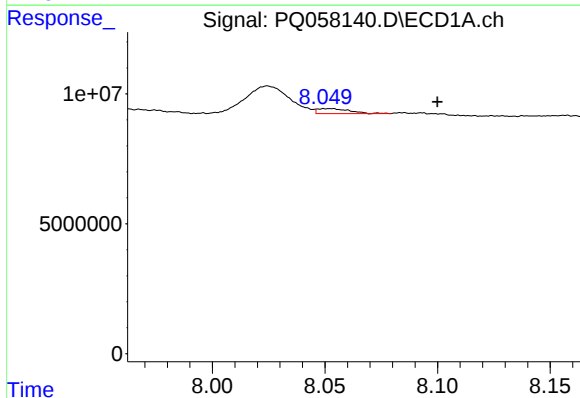
R.T.: 8.675 min
Delta R.T.: -0.005 min
Response: 5270748
Conc: 4.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



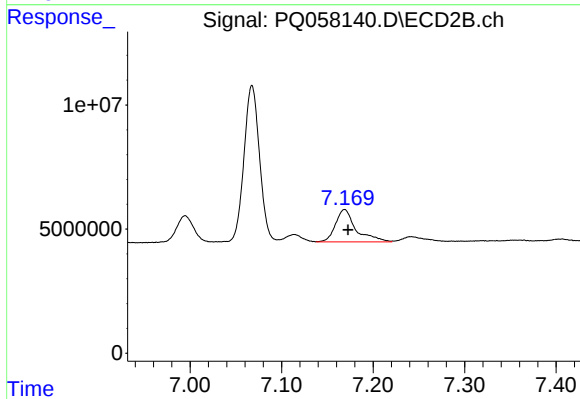
#35 AR-1260-5

R.T.: 7.705 min
Delta R.T.: -0.007 min
Response: 3850124
Conc: 2.61 ng/ml



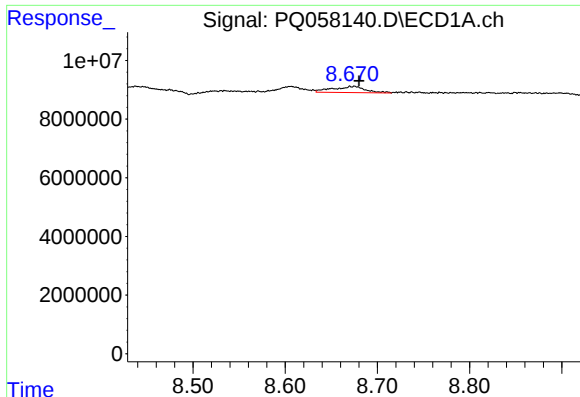
#36 AR-1262-1

R.T.: 8.052 min
Delta R.T.: -0.048 min
Response: 1902949
Conc: 2.69 ng/ml



#36 AR-1262-1

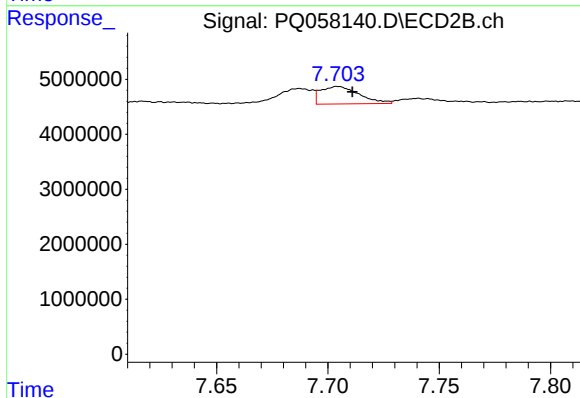
R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 20498882
Conc: 40.24 ng/ml



#37 AR-1262-2

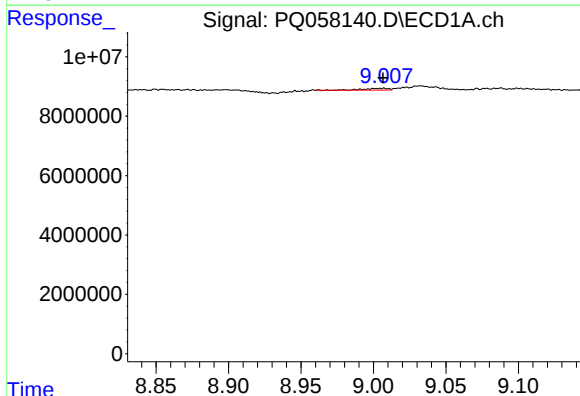
R.T.: 8.675 min
Delta R.T.: -0.005 min
Response: 5270748
Conc: 3.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



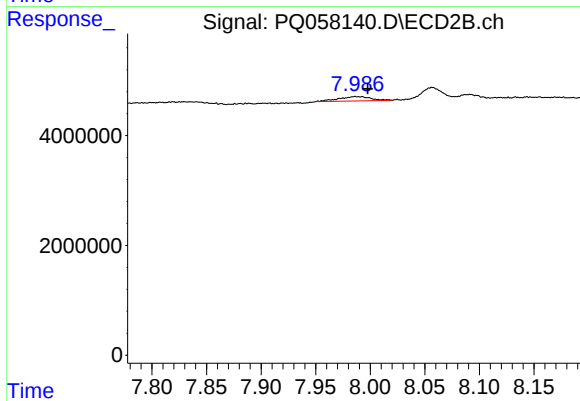
#37 AR-1262-2

R.T.: 7.705 min
Delta R.T.: -0.006 min
Response: 3850124
Conc: 2.18 ng/ml



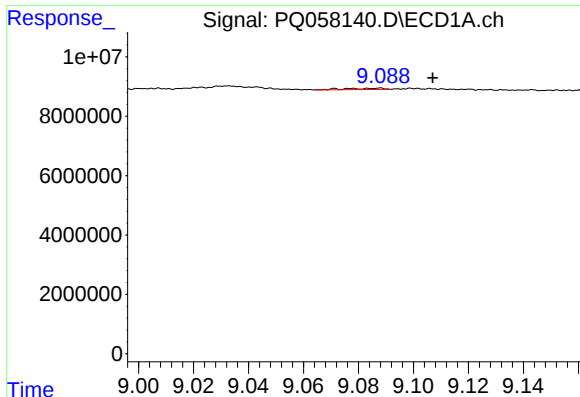
#38 AR-1262-3

R.T.: 9.007 min
Delta R.T.: 0.000 min
Response: 687226
Conc: 0.94 ng/ml



#38 AR-1262-3

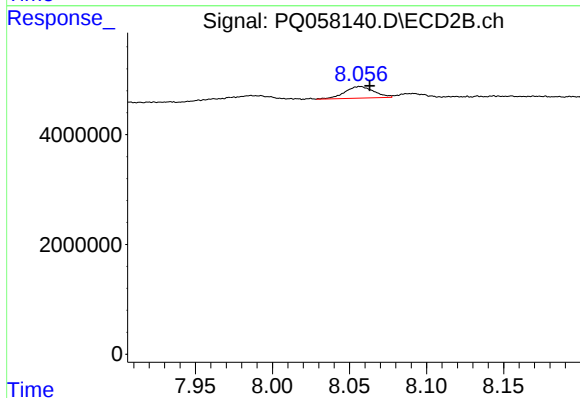
R.T.: 7.986 min
Delta R.T.: -0.012 min
Response: 1613834
Conc: 2.38 ng/ml



#39 AR-1262-4

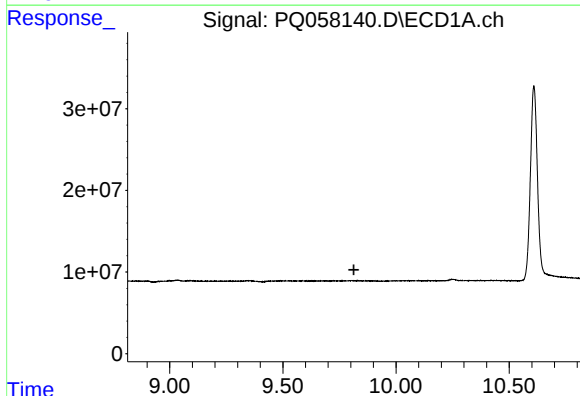
R.T.: 9.088 min
Delta R.T.: -0.019 min
Response: 425760
Conc: 0.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



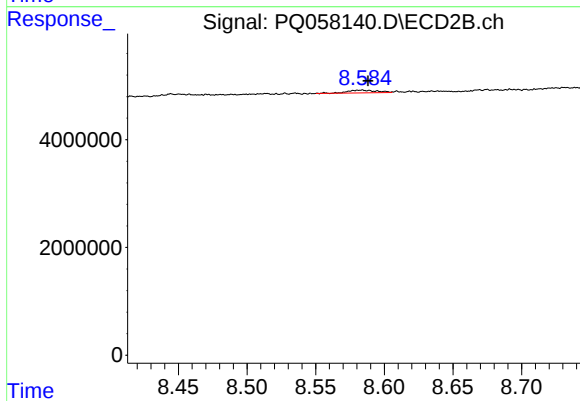
#39 AR-1262-4

R.T.: 8.057 min
Delta R.T.: -0.007 min
Response: 2778072
Conc: 2.22 ng/ml



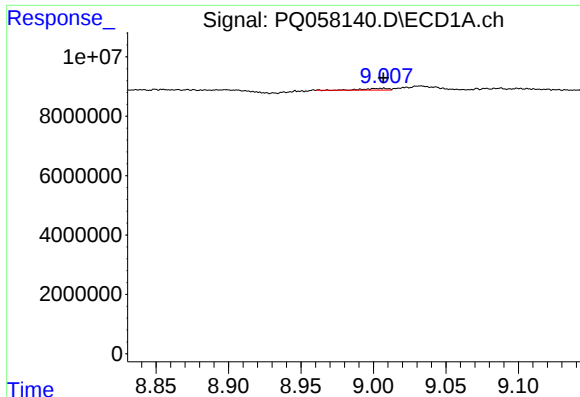
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.814 min
Response: 0
Conc: N.D.



#40 AR-1262-5

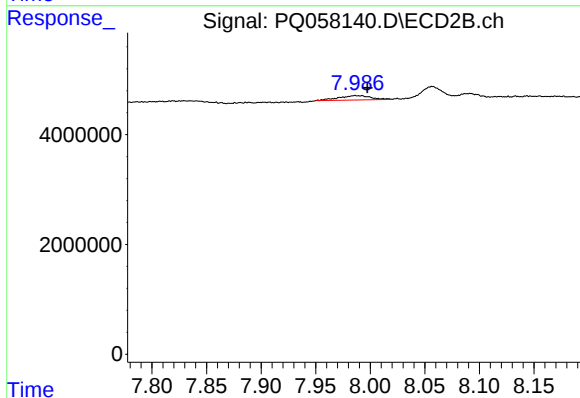
R.T.: 8.583 min
Delta R.T.: -0.005 min
Response: 745138
Conc: 1.41 ng/ml



#41 AR-1268-1

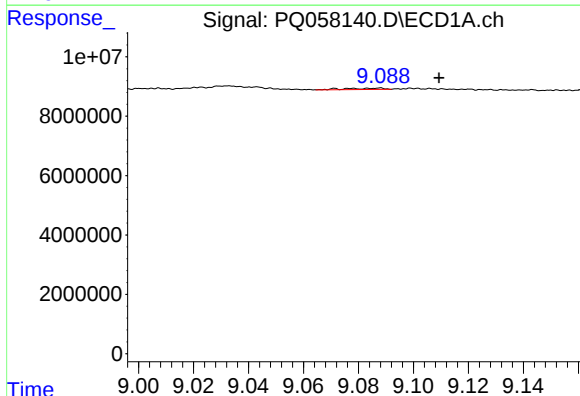
R.T.: 9.007 min
Delta R.T.: 0.000 min
Response: 687226
Conc: 0.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



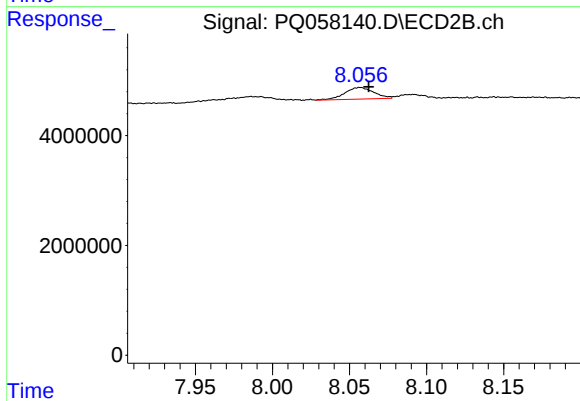
#41 AR-1268-1

R.T.: 7.986 min
Delta R.T.: -0.011 min
Response: 1613834
Conc: 0.81 ng/ml



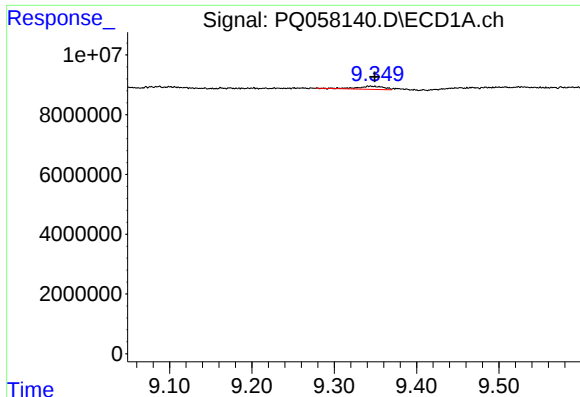
#42 AR-1268-2

R.T.: 9.088 min
Delta R.T.: -0.022 min
Response: 425760
Conc: 0.23 ng/ml



#42 AR-1268-2

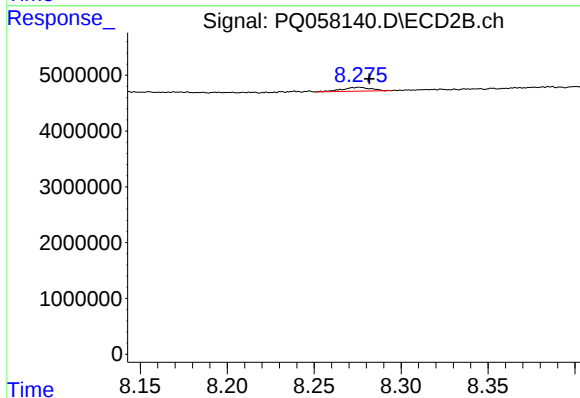
R.T.: 8.057 min
Delta R.T.: -0.006 min
Response: 2778072
Conc: 1.53 ng/ml



#43 AR-1268-3

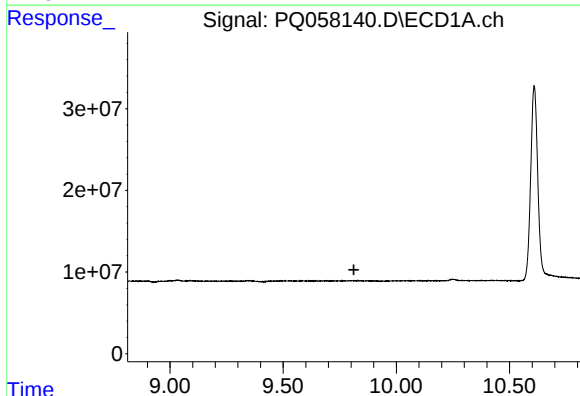
R.T.: 9.344 min
Delta R.T.: -0.005 min
Response: 2391969
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



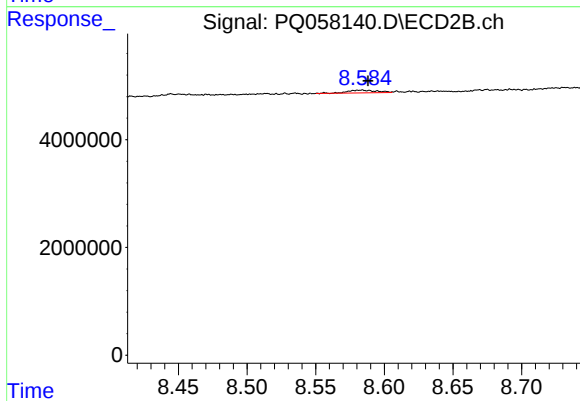
#43 AR-1268-3

R.T.: 8.276 min
Delta R.T.: -0.006 min
Response: 802938
Conc: 0.51 ng/ml



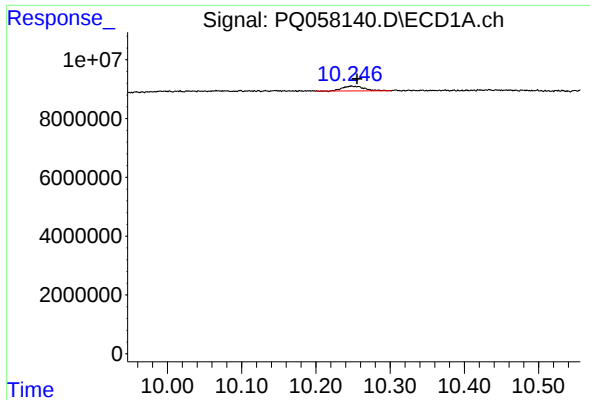
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.813 min
Response: 0
Conc: N.D.



#44 AR-1268-4

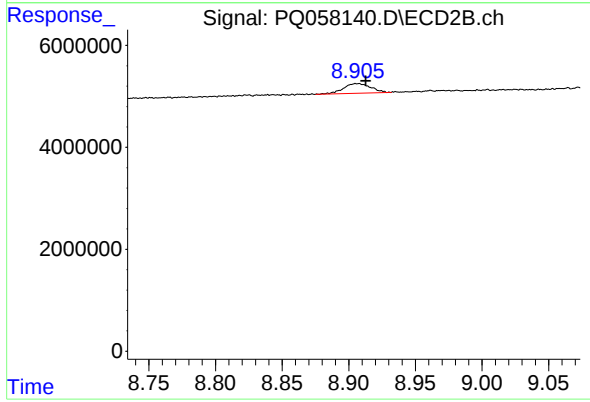
R.T.: 8.583 min
Delta R.T.: -0.005 min
Response: 745138
Conc: 1.26 ng/ml



#45 AR-1268-5

R.T.: 10.248 min
Delta R.T.: -0.008 min
Response: 3325022
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.906 min
Delta R.T.: -0.006 min
Response: 2703572
Conc: 0.60 ng/ml