

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021419\
 Data File : PQ037255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2019 12:38
 Operator : SM\SJ
 Sample : K1343-29RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 JC-02-021119-ORE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 13:41:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 13 16:51:51 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...	4.280	3.679	71526800	36728390	12.264	12.121
2)	SA Decachlor...	0.000	8.590	0	21209969	N.D.	9.759 #
Target Compounds							
3)	L1 AR-1016-1	5.492	4.724	7100977	1935361	40.112	20.583 #
4)	L1 AR-1016-2	5.492	4.776	7100977	4347417	26.107	30.914
5)	L1 AR-1016-3	5.492	4.939	7100977	2557112	44.511	36.381
6)	L1 AR-1016-4	5.607	4.973	6301019	4008533	46.717	72.426 #
7)	L1 AR-1016-5	5.857	5.132	3304005	1670452	25.498	23.130
9)	L2 AR-1221-2	4.582	0.000	1588529	0	22.976	N.D. #
10)	L2 AR-1221-3	4.582	0.000	1588529	0	6.527	N.D. #
12)	L3 AR-1232-2	5.166	4.776	12755707	4347417	256.356	79.268 #
13)	L3 AR-1232-3	5.492	4.939	7100977	2557112	67.280	95.542 #
14)	L3 AR-1232-4	5.607	5.005	6301019	4616376	127.444	200.002 #
15)	L3 AR-1232-5	5.725	5.132	2398957	1670452	66.555	66.977
16)	L4 AR-1242-1	5.492	4.724	7100977	1935361	60.953	31.108 #
17)	L4 AR-1242-2	5.492	4.776	7100977	4347417	38.718	45.202
18)	L4 AR-1242-3	5.492	4.939	7100977	2557112	65.837	53.775
19)	L4 AR-1242-4	5.607	5.005	6301019	4616376	71.316	102.315 #
20)	L4 AR-1242-5	6.267	5.528	5135275	2818493	51.567	49.646
21)	L5 AR-1248-1	5.492	4.724	7100977	1935361	63.411	32.524 #
22)	L5 AR-1248-2	5.725	4.973	2398957	4008533	15.225	50.007 #
23)	L5 AR-1248-3	5.857	5.005	3304005	4616376	18.743	56.953 #
24)	L5 AR-1248-4	6.267	5.132	5135275	1670452	25.211	17.054 #
25)	L5 AR-1248-5	6.267	5.528	5135275	2818493	26.541	29.224
26)	L6 AR-1254-1	6.267	5.528	5135275	2818493	8.914	6.663 #
27)	L6 AR-1254-2	6.482	5.673	6447796	4336410	7.115	12.132 #
28)	L6 AR-1254-3	6.849	6.076	7530849	4010132	7.677	6.800
29)	L6 AR-1254-4	7.129	0.000	2569078	0	3.475	N.D. #
30)	L6 AR-1254-5	7.545	6.708	9532862	6036222	12.552	12.661
31)	L7 AR-1260-1	7.002	6.196	8794232	3380321	33.603	24.008 #
32)	L7 AR-1260-2	7.254	6.386	14394223	4514689	43.276	25.983 #
33)	L7 AR-1260-3	7.611	6.534	4023236	3404326	18.751	21.299
34)	L7 AR-1260-4	7.839	6.998	5838901	2057441	24.366	19.636
35)	L7 AR-1260-5	8.148	7.240	11286186	5750875	22.732	22.384
36)	L8 AR-1262-1	7.611	6.739	4023236	2484456	9.331	11.770 #
37)	L8 AR-1262-2	8.148	7.240	11286186	5750875	15.224	15.836
38)	L8 AR-1262-3	8.435	7.582	2545378	4445482	8.162	31.699 #
39)	L8 AR-1262-4	8.508	7.582	5112433	4445482	14.013	17.495
40)	L8 AR-1262-5	9.138	0.000	3494274	0	15.424	N.D. #
41)	L9 AR-1268-1	8.435	7.582	2545378	4445482	3.327	12.389 #
42)	L9 AR-1268-2	8.508	7.582	5112433	4445482	7.285	13.705 #
44)	L9 AR-1268-4	9.138	0.000	3494274	0	15.356	N.D. #

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Integration File signal 1: autoint1.e
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Quant Time: Feb 14 13:41:57 2019
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Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 13 16:51:51 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

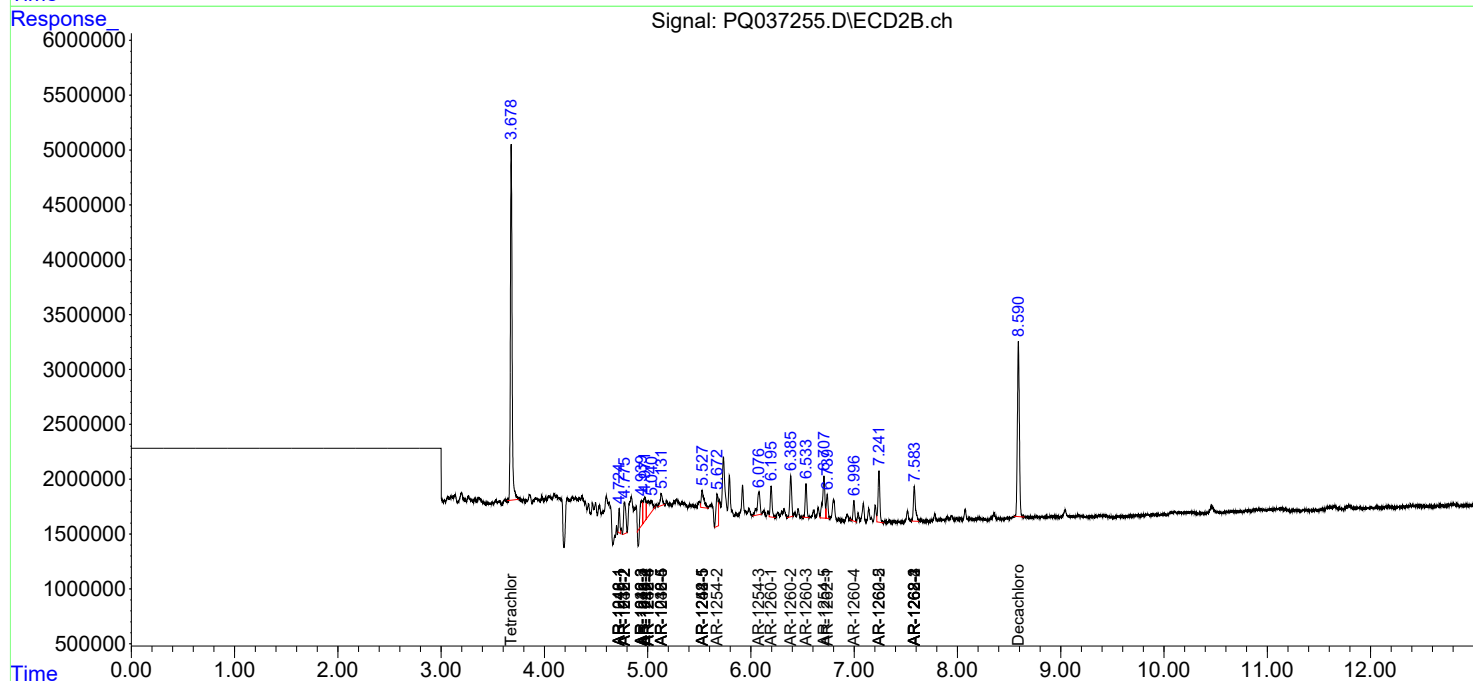
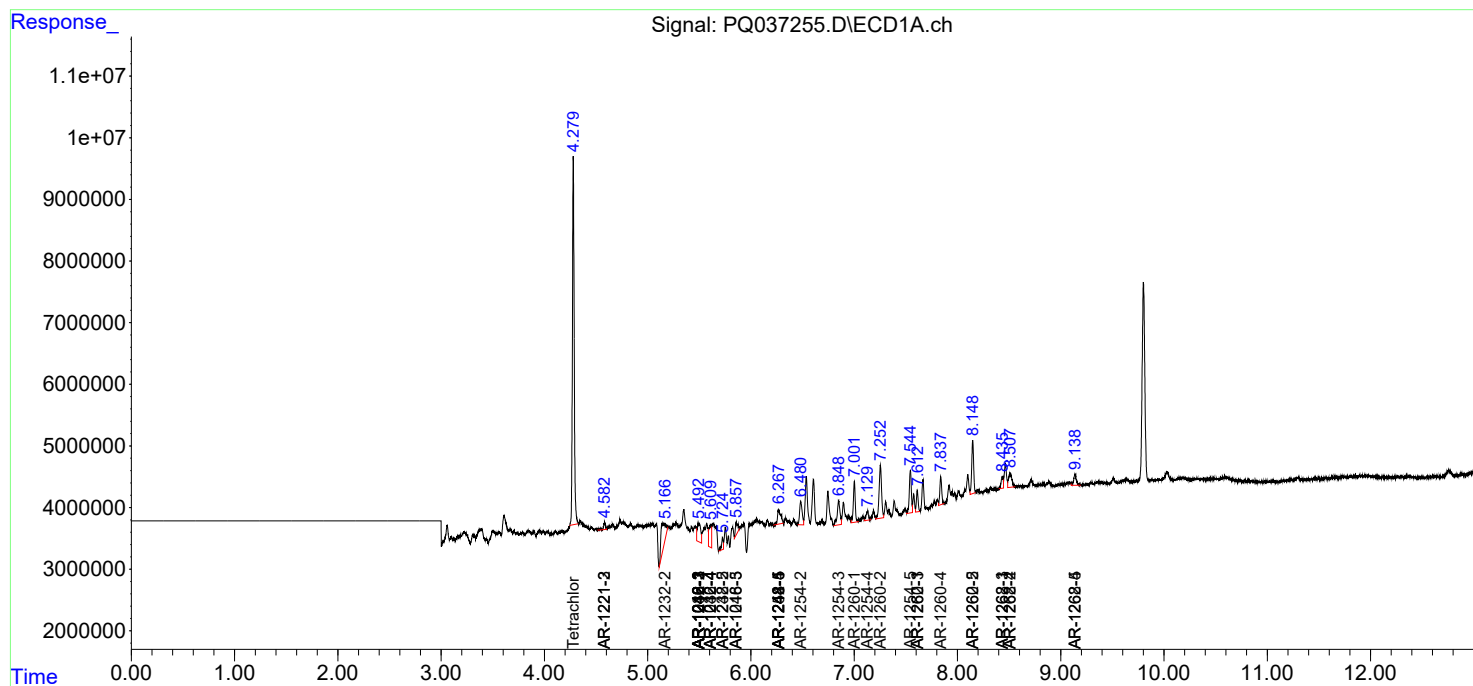
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

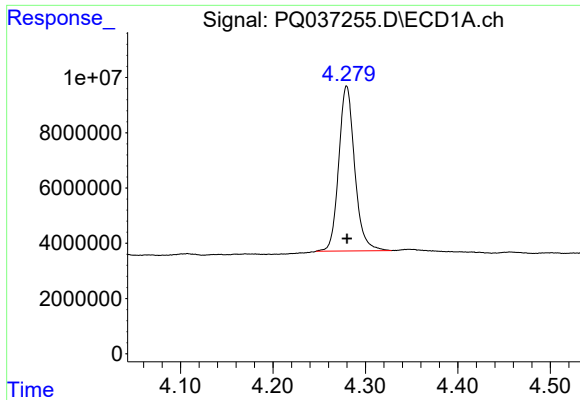
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021419\
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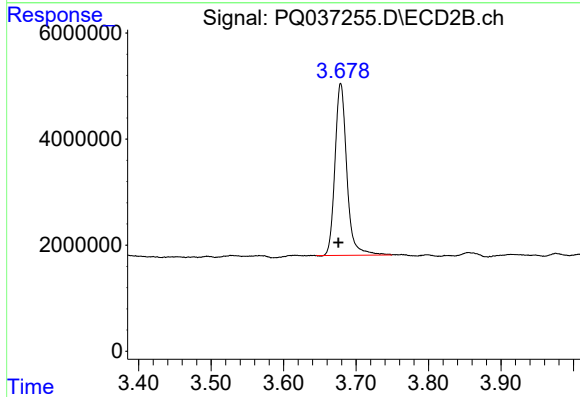




#1 Tetrachloro-m-xylene

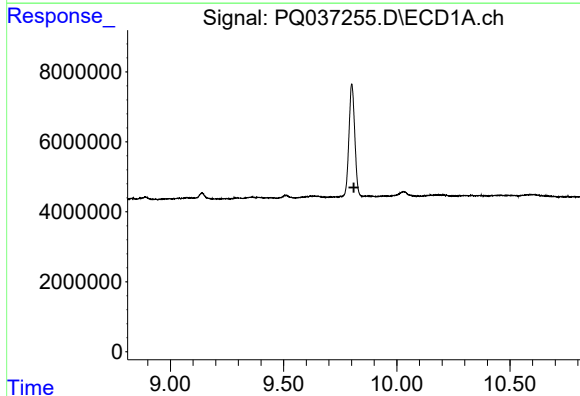
R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 71526800
Conc: 12.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



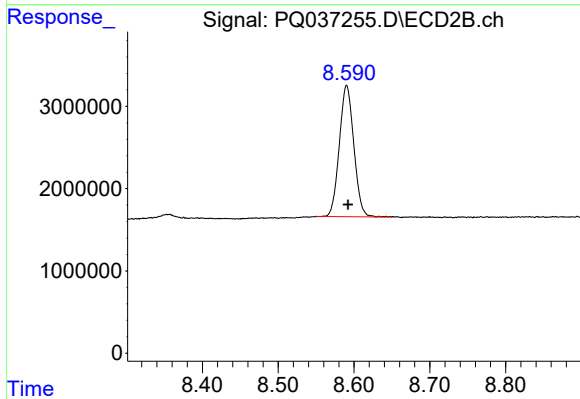
#1 Tetrachloro-m-xylene

R.T.: 3.679 min
Delta R.T.: 0.003 min
Response: 36728390
Conc: 12.12 ng/ml



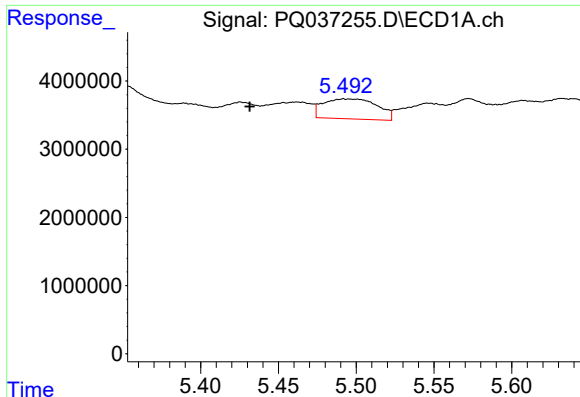
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 9.811 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

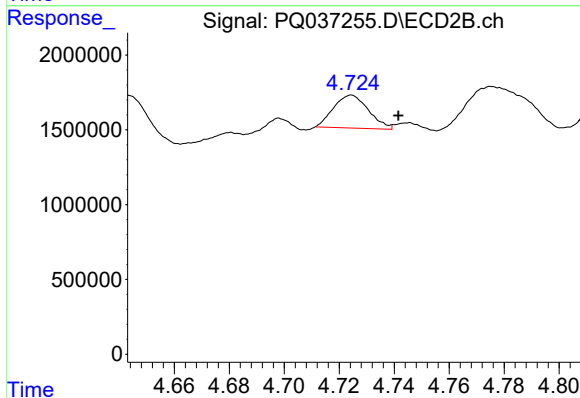
R.T.: 8.590 min
Delta R.T.: -0.002 min
Response: 21209969
Conc: 9.76 ng/ml



#3 AR-1016-1

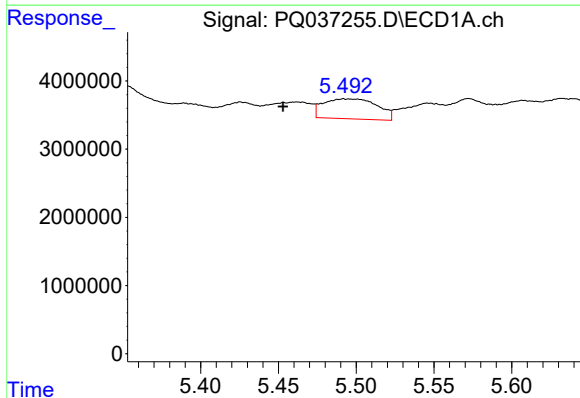
R.T.: 5.492 min
Delta R.T.: 0.061 min
Response: 7100977
Conc: 40.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



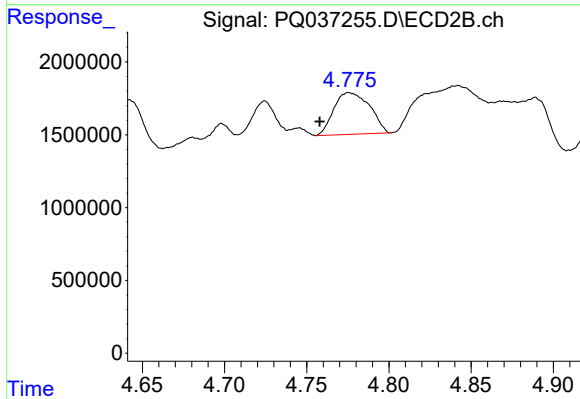
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.017 min
Response: 1935361
Conc: 20.58 ng/ml



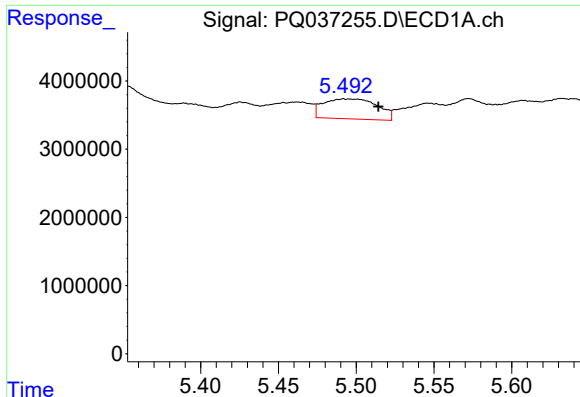
#4 AR-1016-2

R.T.: 5.492 min
Delta R.T.: 0.039 min
Response: 7100977
Conc: 26.11 ng/ml



#4 AR-1016-2

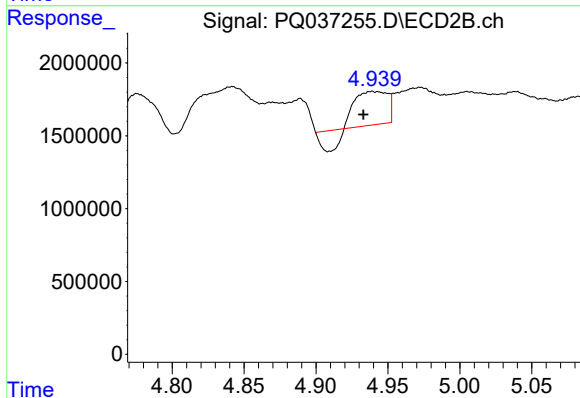
R.T.: 4.776 min
Delta R.T.: 0.018 min
Response: 4347417
Conc: 30.91 ng/ml



#5 AR-1016-3

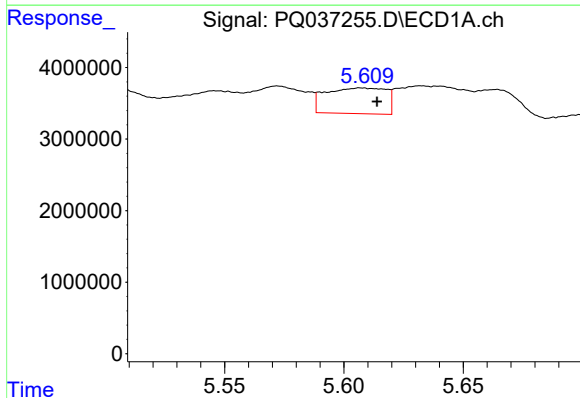
R.T.: 5.492 min
Delta R.T.: -0.022 min
Response: 7100977
Conc: 44.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



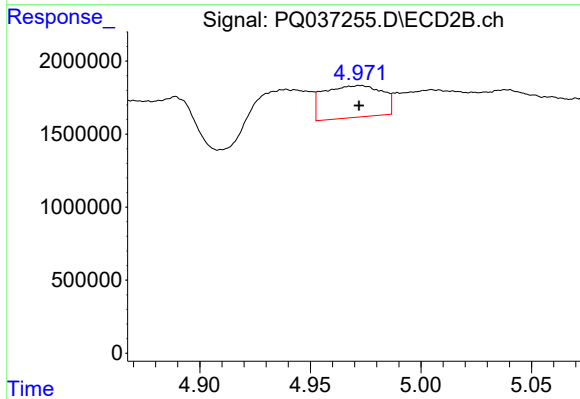
#5 AR-1016-3

R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 2557112
Conc: 36.38 ng/ml



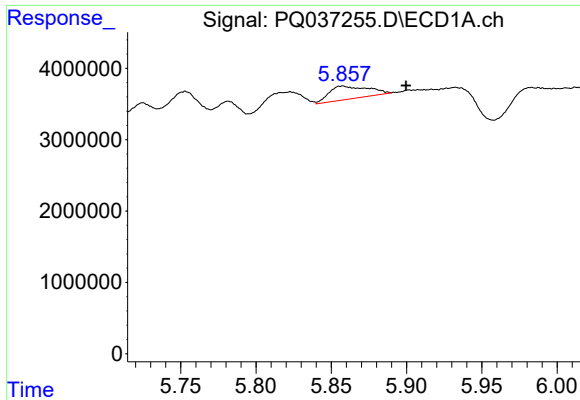
#6 AR-1016-4

R.T.: 5.607 min
Delta R.T.: -0.007 min
Response: 6301019
Conc: 46.72 ng/ml



#6 AR-1016-4

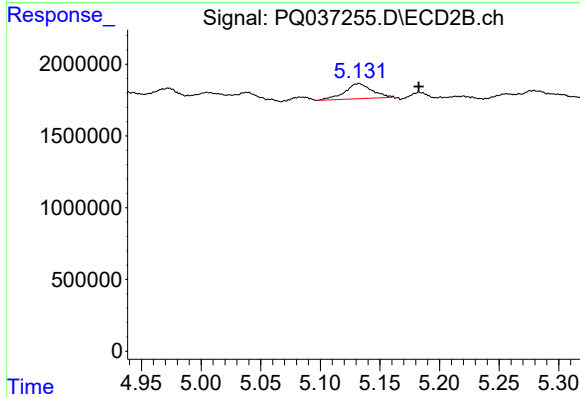
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 4008533
Conc: 72.43 ng/ml



#7 AR-1016-5

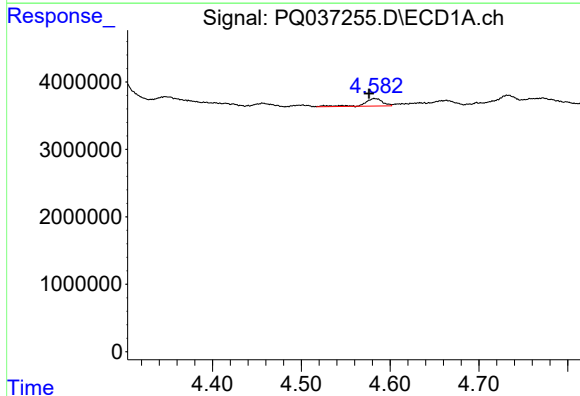
R.T.: 5.857 min
Delta R.T.: -0.042 min
Response: 3304005
Conc: 25.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



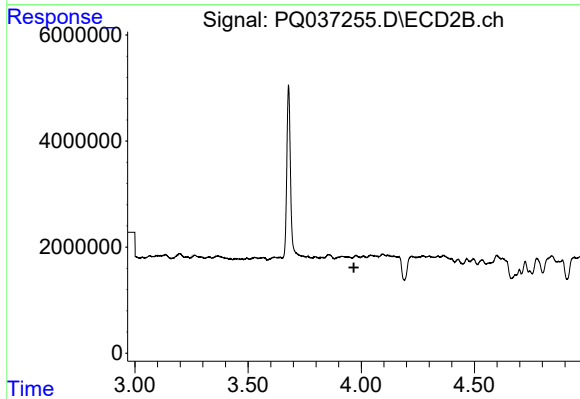
#7 AR-1016-5

R.T.: 5.132 min
Delta R.T.: -0.050 min
Response: 1670452
Conc: 23.13 ng/ml



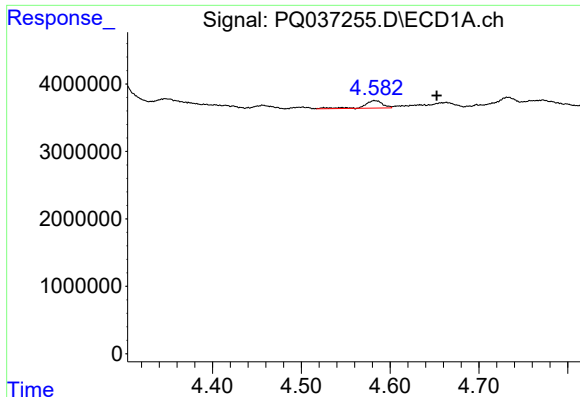
#9 AR-1221-2

R.T.: 4.582 min
Delta R.T.: 0.006 min
Response: 1588529
Conc: 22.98 ng/ml



#9 AR-1221-2

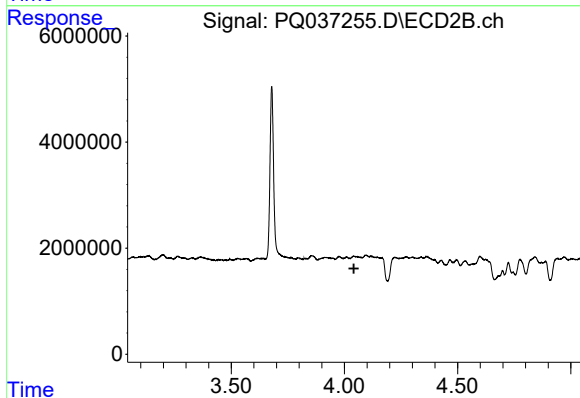
R.T.: 0.000 min
Exp R.T.: 3.968 min
Response: 0
Conc: N.D.



#10 AR-1221-3

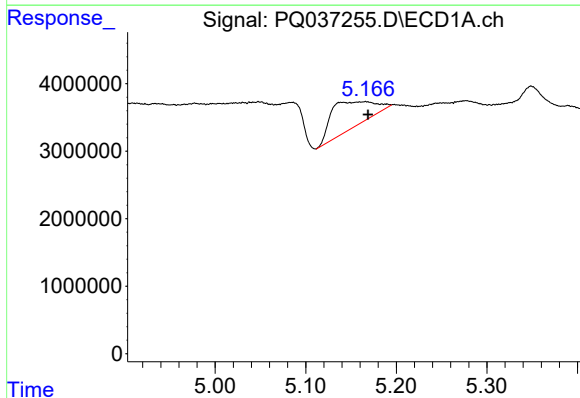
R.T.: 4.582 min
Delta R.T.: -0.070 min
Response: 1588529
Conc: 6.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



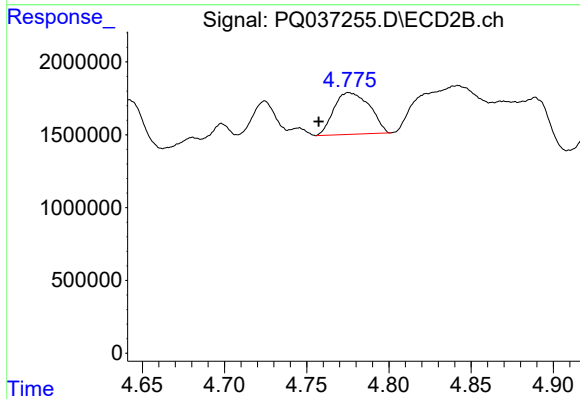
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.042 min
Response: 0
Conc: N.D.



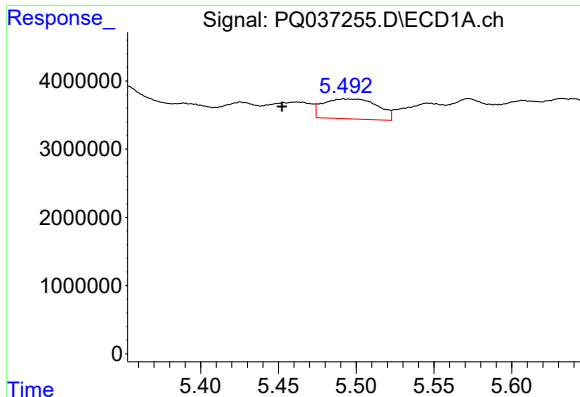
#12 AR-1232-2

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 12755707
Conc: 256.36 ng/ml



#12 AR-1232-2

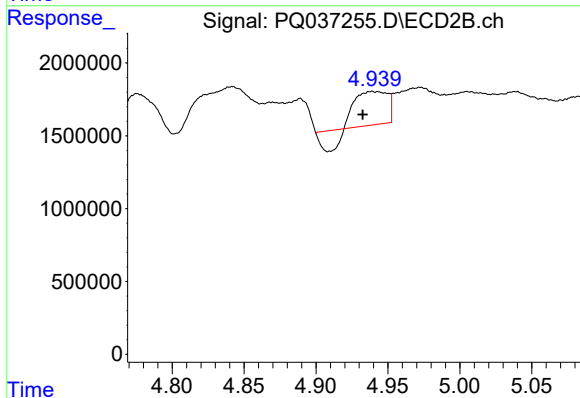
R.T.: 4.776 min
Delta R.T.: 0.019 min
Response: 4347417
Conc: 79.27 ng/ml



#13 AR-1232-3

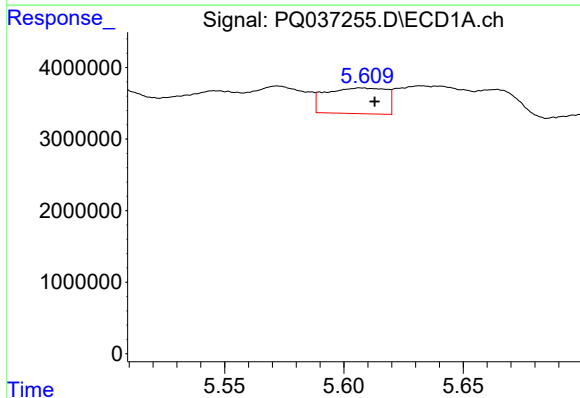
R.T.: 5.492 min
Delta R.T.: 0.040 min
Response: 7100977
Conc: 67.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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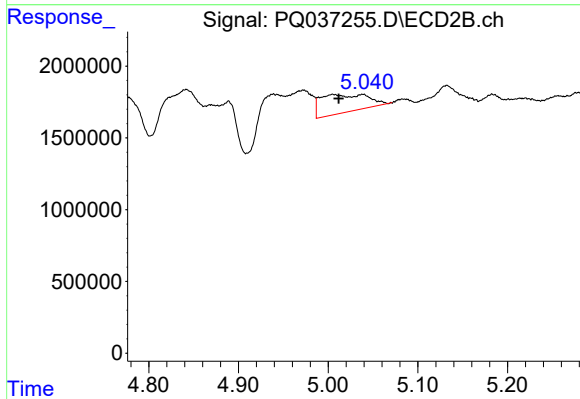
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 2557112
Conc: 95.54 ng/ml



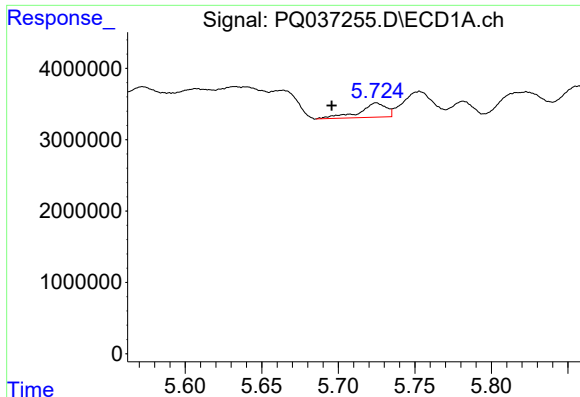
#14 AR-1232-4

R.T.: 5.607 min
Delta R.T.: -0.006 min
Response: 6301019
Conc: 127.44 ng/ml



#14 AR-1232-4

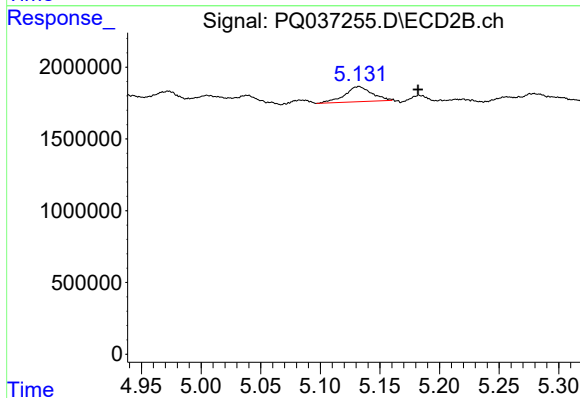
R.T.: 5.005 min
Delta R.T.: -0.007 min
Response: 4616376
Conc: 200.00 ng/ml



#15 AR-1232-5

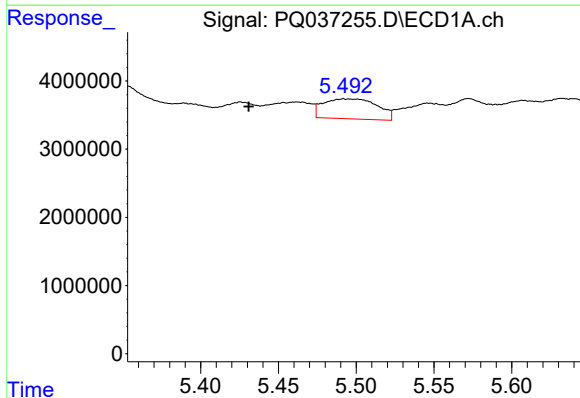
R.T.: 5.725 min
Delta R.T.: 0.029 min
Response: 2398957
Conc: 66.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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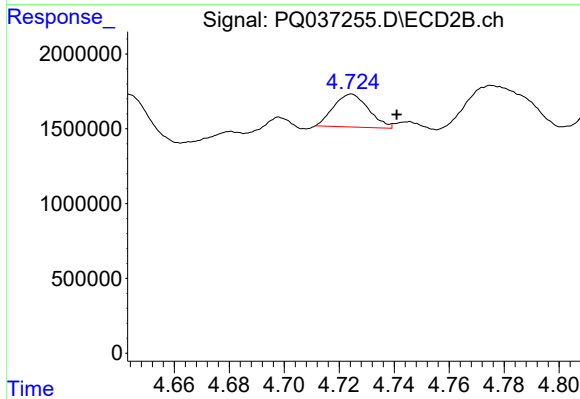
#15 AR-1232-5

R.T.: 5.132 min
Delta R.T.: -0.050 min
Response: 1670452
Conc: 66.98 ng/ml



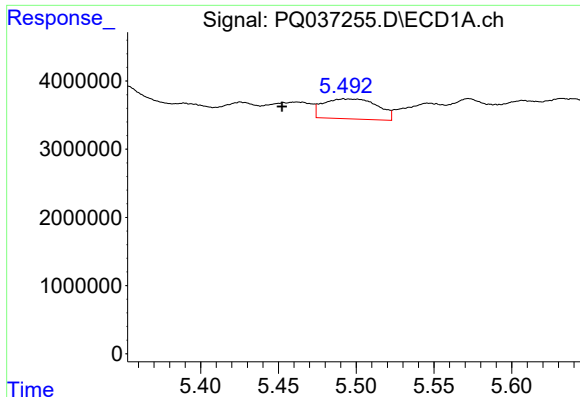
#16 AR-1242-1

R.T.: 5.492 min
Delta R.T.: 0.061 min
Response: 7100977
Conc: 60.95 ng/ml



#16 AR-1242-1

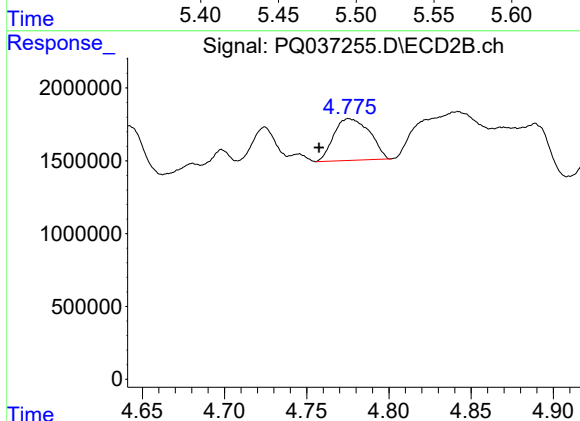
R.T.: 4.724 min
Delta R.T.: -0.016 min
Response: 1935361
Conc: 31.11 ng/ml



#17 AR-1242-2

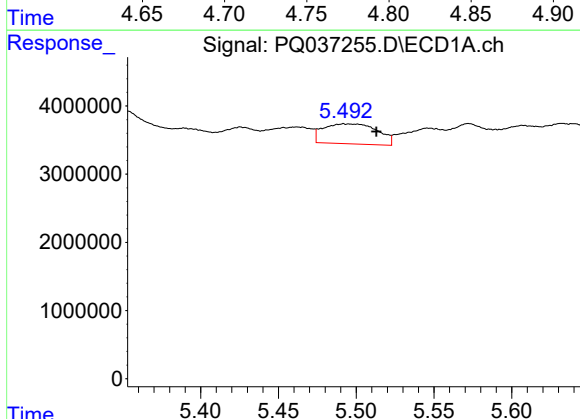
R.T.: 5.492 min
Delta R.T.: 0.040 min
Response: 7100977
Conc: 38.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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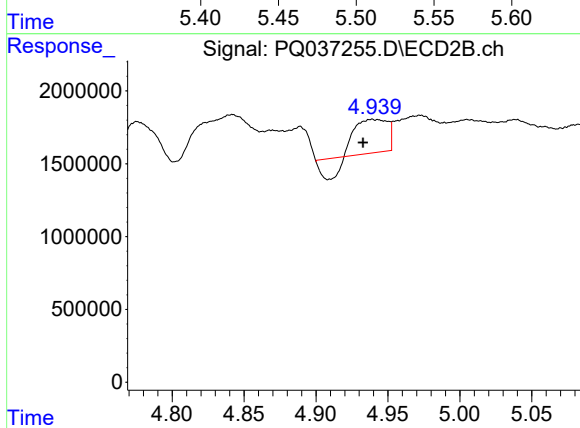
#17 AR-1242-2

R.T.: 4.776 min
Delta R.T.: 0.018 min
Response: 4347417
Conc: 45.20 ng/ml



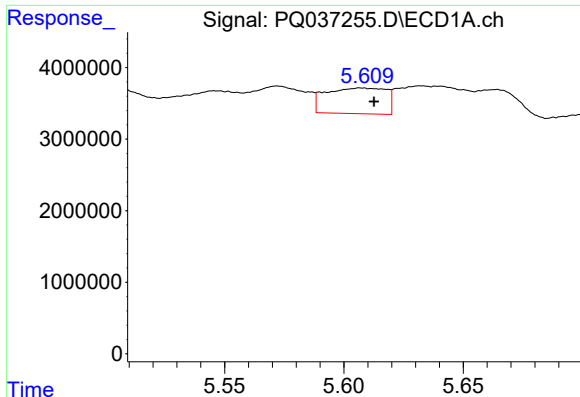
#18 AR-1242-3

R.T.: 5.492 min
Delta R.T.: -0.021 min
Response: 7100977
Conc: 65.84 ng/ml



#18 AR-1242-3

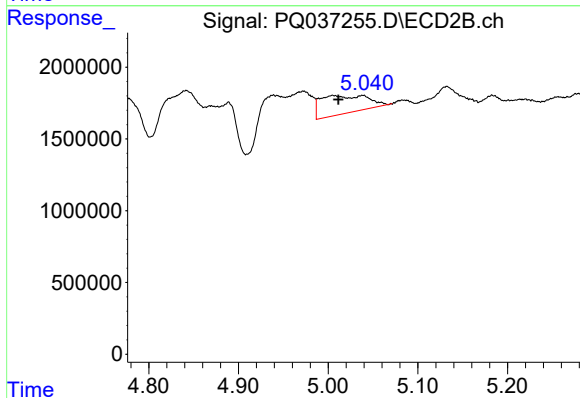
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 2557112
Conc: 53.77 ng/ml



#19 AR-1242-4

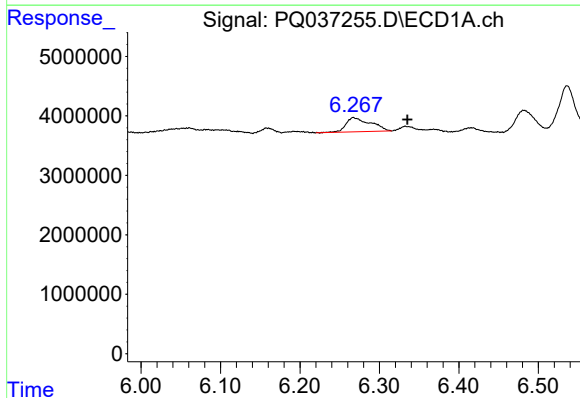
R.T.: 5.607 min
Delta R.T.: -0.005 min
Response: 6301019
Conc: 71.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



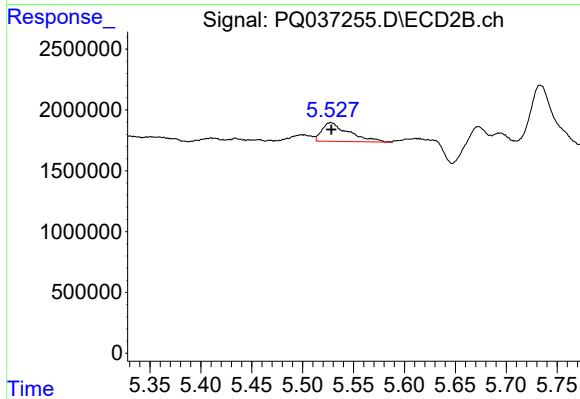
#19 AR-1242-4

R.T.: 5.005 min
Delta R.T.: -0.006 min
Response: 4616376
Conc: 102.32 ng/ml



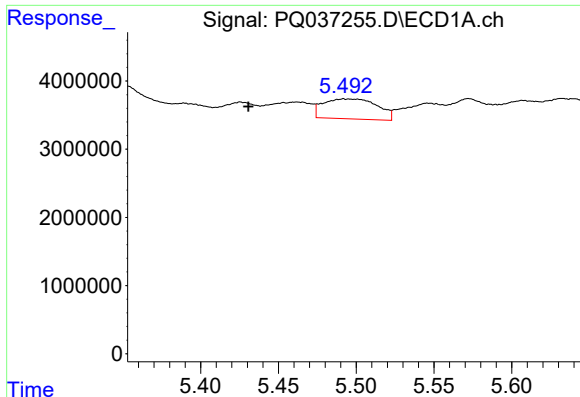
#20 AR-1242-5

R.T.: 6.267 min
Delta R.T.: -0.068 min
Response: 5135275
Conc: 51.57 ng/ml



#20 AR-1242-5

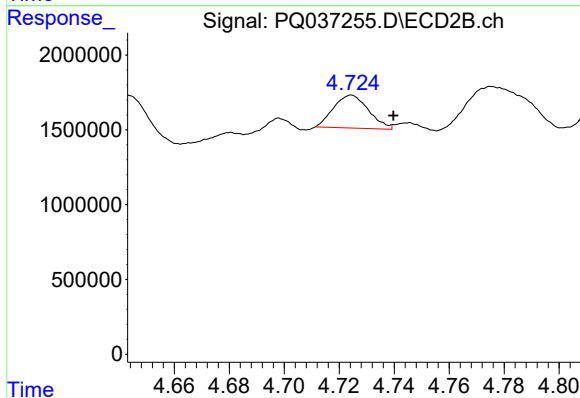
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 2818493
Conc: 49.65 ng/ml



#21 AR-1248-1

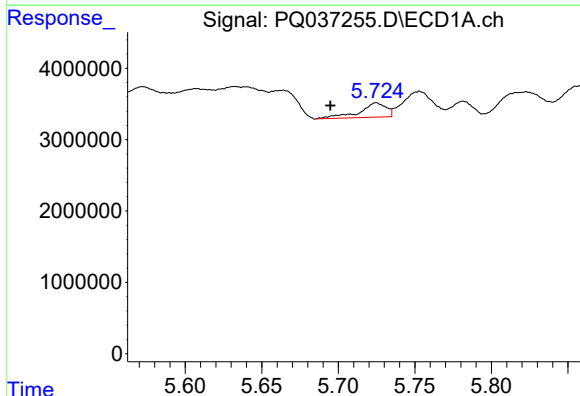
R.T.: 5.492 min
Delta R.T.: 0.062 min
Response: 7100977
Conc: 63.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



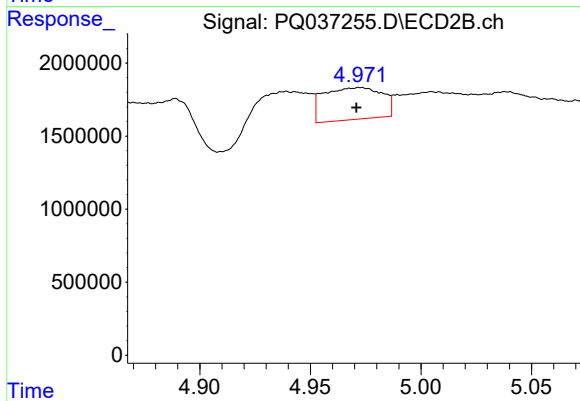
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: -0.015 min
Response: 1935361
Conc: 32.52 ng/ml



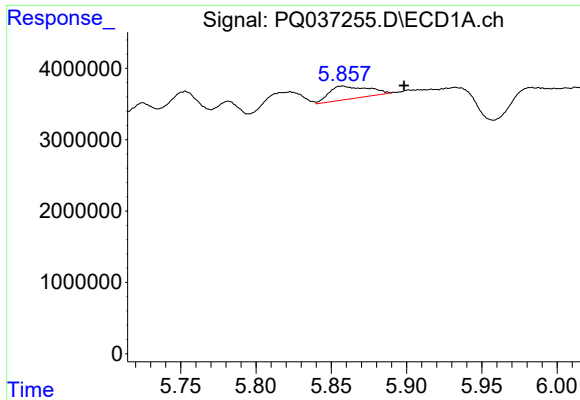
#22 AR-1248-2

R.T.: 5.725 min
Delta R.T.: 0.030 min
Response: 2398957
Conc: 15.23 ng/ml



#22 AR-1248-2

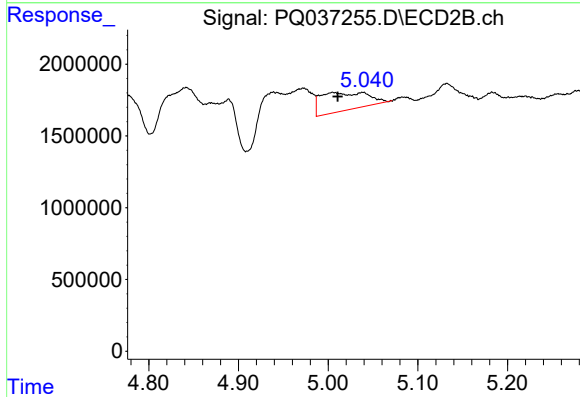
R.T.: 4.973 min
Delta R.T.: 0.002 min
Response: 4008533
Conc: 50.01 ng/ml



#23 AR-1248-3

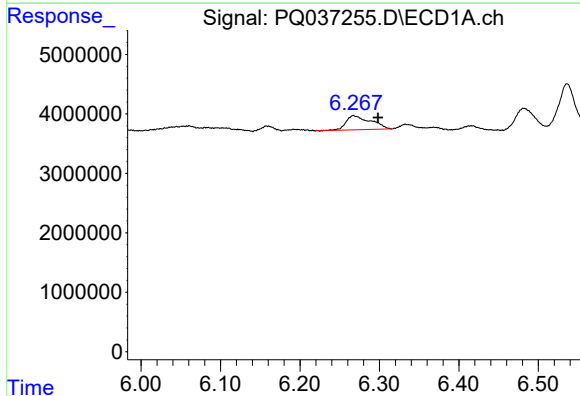
R.T.: 5.857 min
Delta R.T.: -0.041 min
Response: 3304005
Conc: 18.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



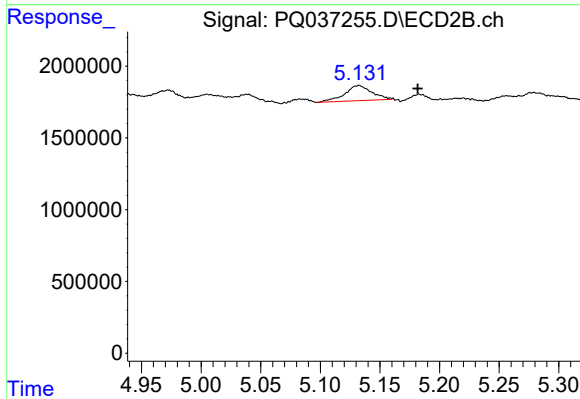
#23 AR-1248-3

R.T.: 5.005 min
Delta R.T.: -0.005 min
Response: 4616376
Conc: 56.95 ng/ml



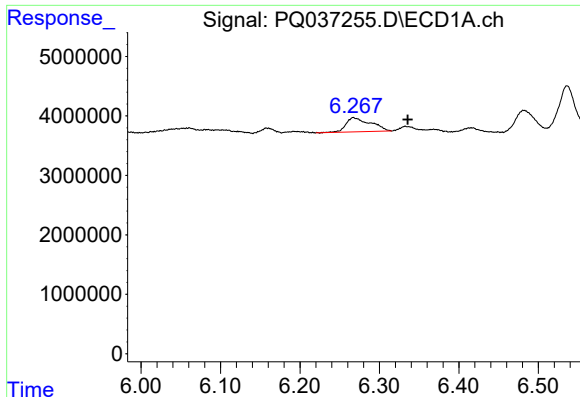
#24 AR-1248-4

R.T.: 6.267 min
Delta R.T.: -0.031 min
Response: 5135275
Conc: 25.21 ng/ml



#24 AR-1248-4

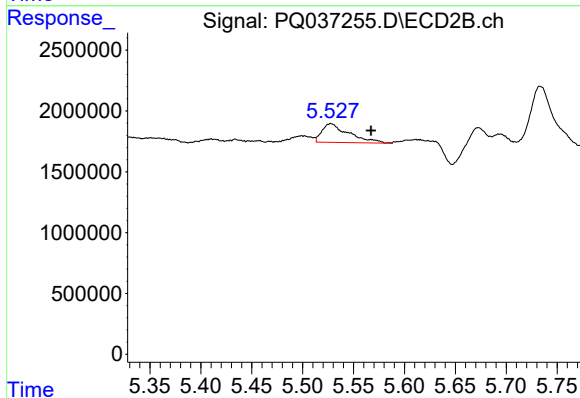
R.T.: 5.132 min
Delta R.T.: -0.049 min
Response: 1670452
Conc: 17.05 ng/ml



#25 AR-1248-5

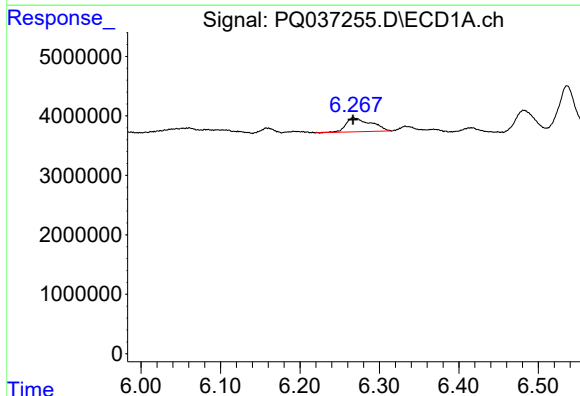
R.T.: 6.267 min
Delta R.T.: -0.068 min
Response: 5135275
Conc: 26.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



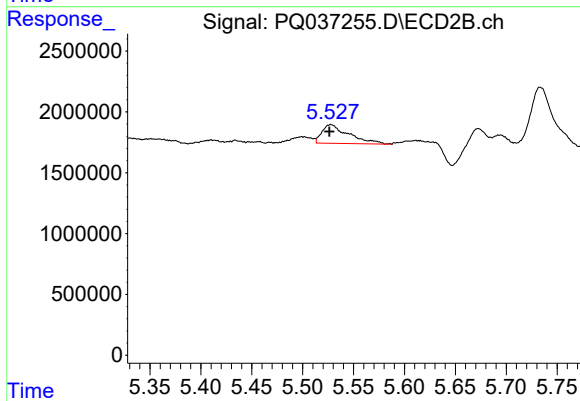
#25 AR-1248-5

R.T.: 5.528 min
Delta R.T.: -0.040 min
Response: 2818493
Conc: 29.22 ng/ml



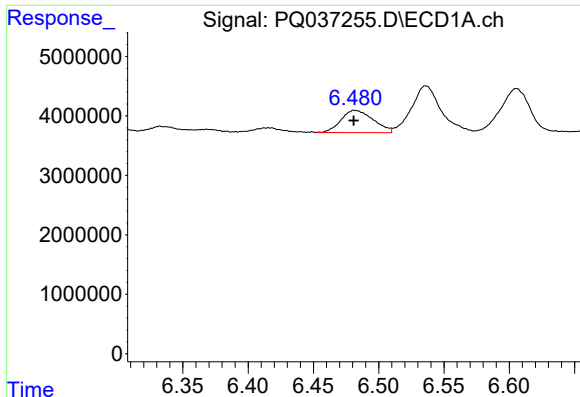
#26 AR-1254-1

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 5135275
Conc: 8.91 ng/ml



#26 AR-1254-1

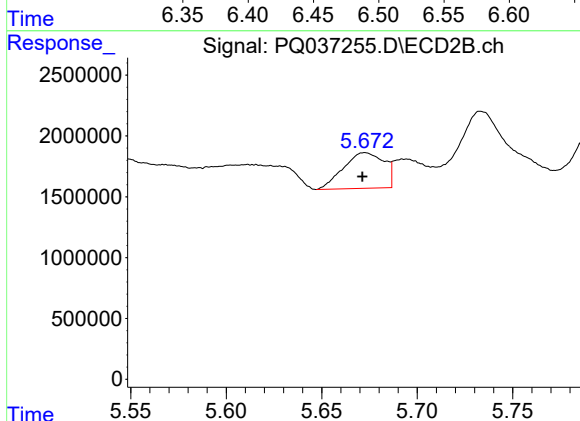
R.T.: 5.528 min
Delta R.T.: 0.001 min
Response: 2818493
Conc: 6.66 ng/ml



#27 AR-1254-2

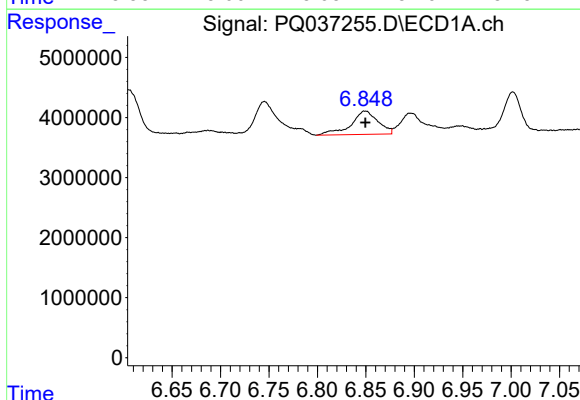
R.T.: 6.482 min
Delta R.T.: 0.001 min
Response: 6447796
Conc: 7.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



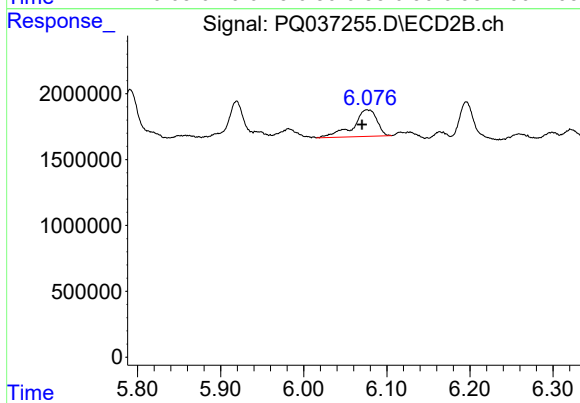
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: 0.001 min
Response: 4336410
Conc: 12.13 ng/ml



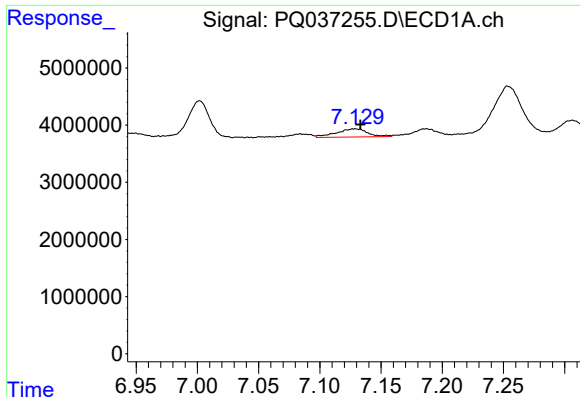
#28 AR-1254-3

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 7530849
Conc: 7.68 ng/ml



#28 AR-1254-3

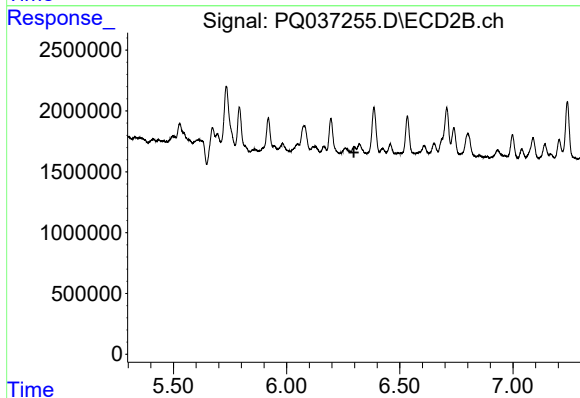
R.T.: 6.076 min
Delta R.T.: 0.006 min
Response: 4010132
Conc: 6.80 ng/ml



#29 AR-1254-4

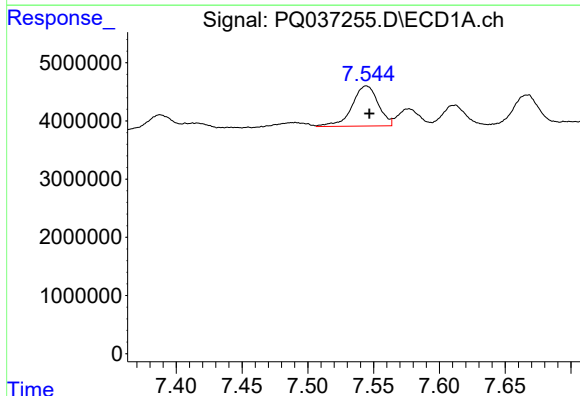
R.T.: 7.129 min
Delta R.T.: -0.004 min
Response: 2569078
Conc: 3.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



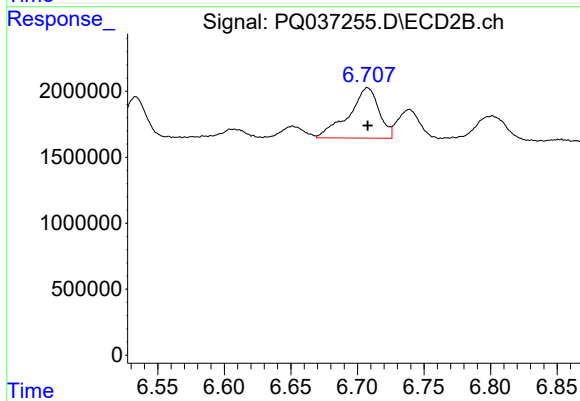
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.297 min
Response: 0
Conc: N.D.



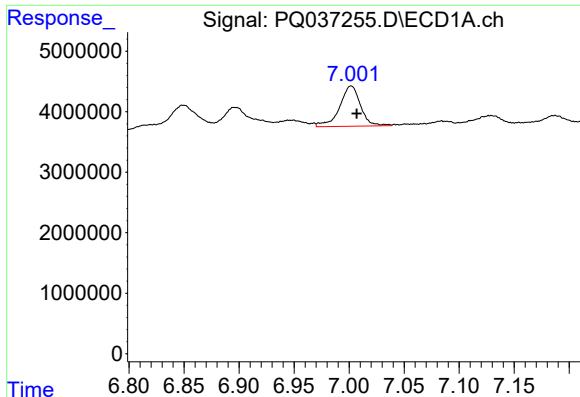
#30 AR-1254-5

R.T.: 7.545 min
Delta R.T.: -0.002 min
Response: 9532862
Conc: 12.55 ng/ml



#30 AR-1254-5

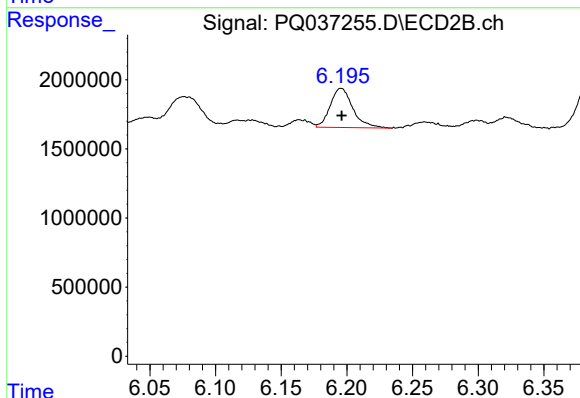
R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 6036222
Conc: 12.66 ng/ml



#31 AR-1260-1

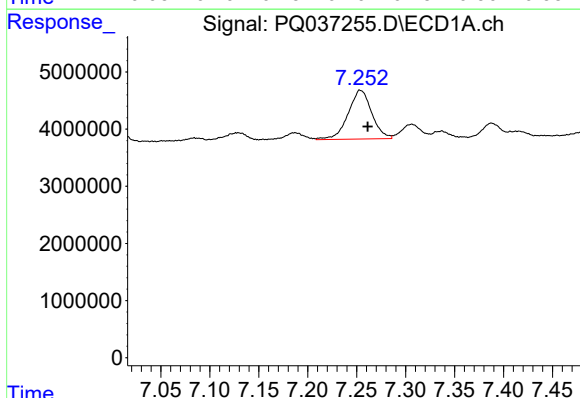
R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 8794232
Conc: 33.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



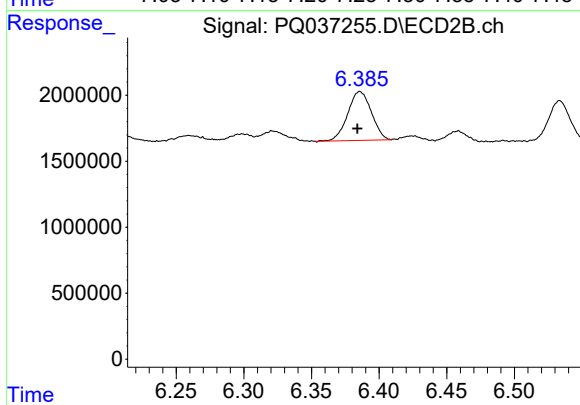
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 3380321
Conc: 24.01 ng/ml



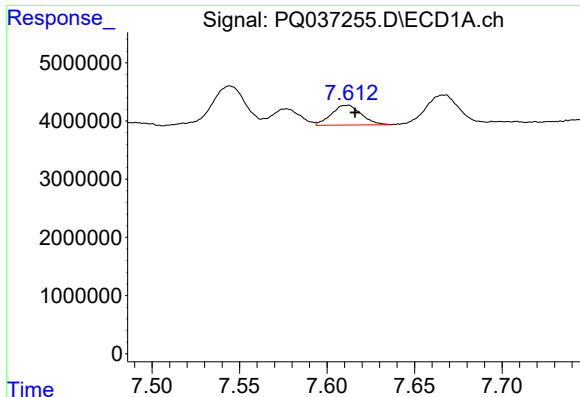
#32 AR-1260-2

R.T.: 7.254 min
Delta R.T.: -0.008 min
Response: 14394223
Conc: 43.28 ng/ml



#32 AR-1260-2

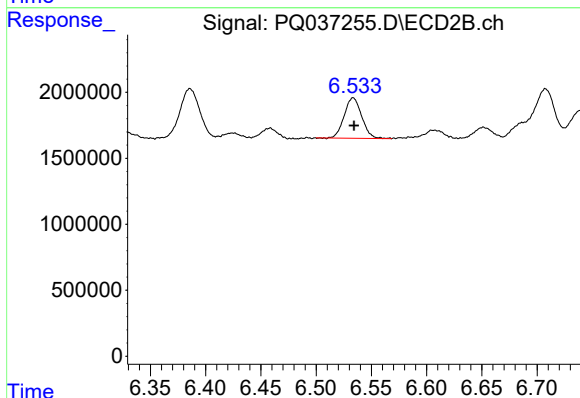
R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 4514689
Conc: 25.98 ng/ml



#33 AR-1260-3

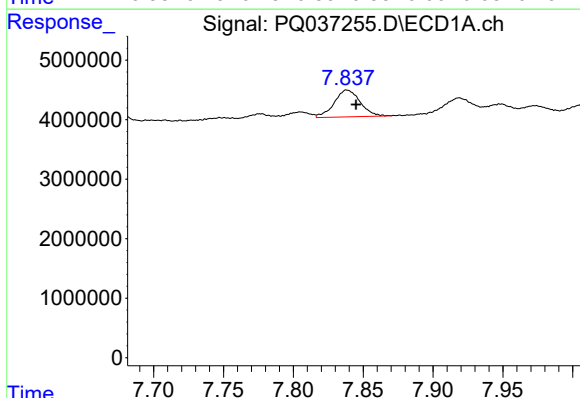
R.T.: 7.611 min
Delta R.T.: -0.005 min
Response: 4023236
Conc: 18.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



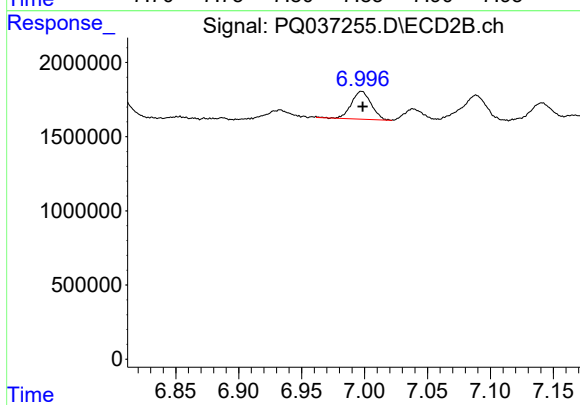
#33 AR-1260-3

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 3404326
Conc: 21.30 ng/ml



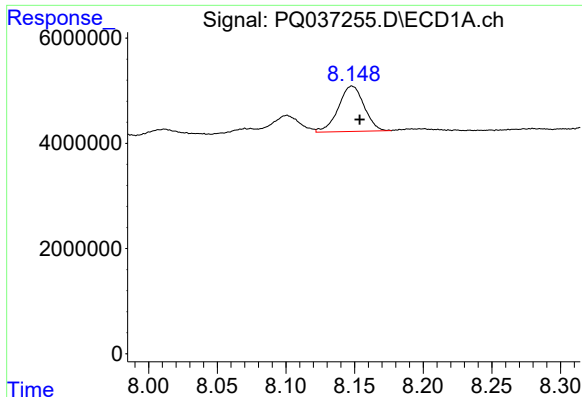
#34 AR-1260-4

R.T.: 7.839 min
Delta R.T.: -0.006 min
Response: 5838901
Conc: 24.37 ng/ml



#34 AR-1260-4

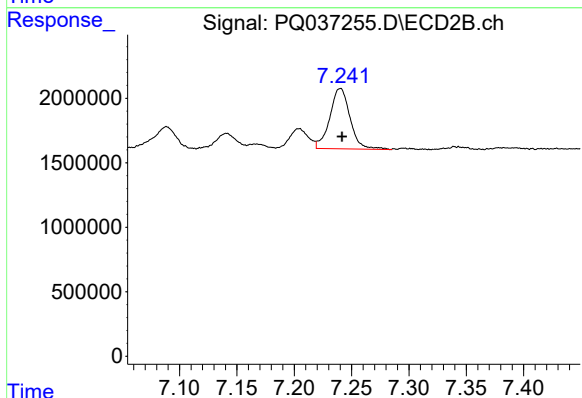
R.T.: 6.998 min
Delta R.T.: -0.001 min
Response: 2057441
Conc: 19.64 ng/ml



#35 AR-1260-5

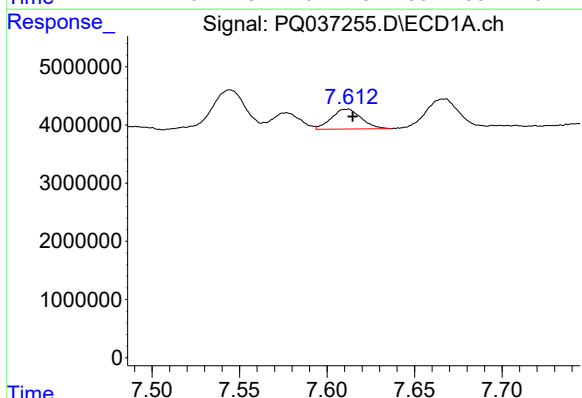
R.T.: 8.148 min
Delta R.T.: -0.006 min
Response: 11286186
Conc: 22.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



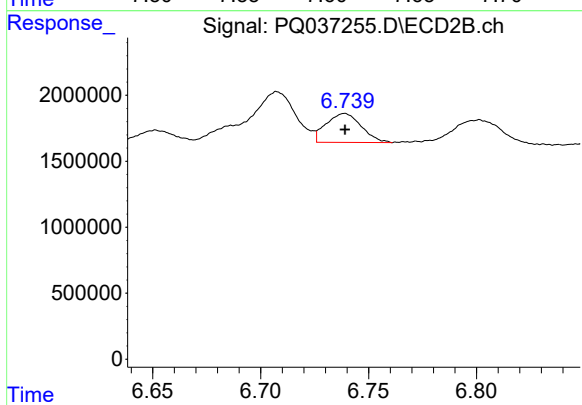
#35 AR-1260-5

R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 5750875
Conc: 22.38 ng/ml



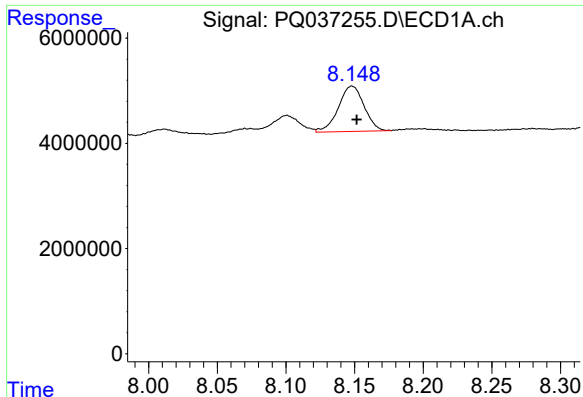
#36 AR-1262-1

R.T.: 7.611 min
Delta R.T.: -0.003 min
Response: 4023236
Conc: 9.33 ng/ml



#36 AR-1262-1

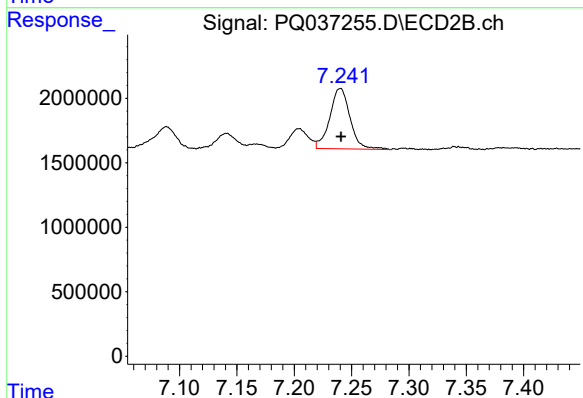
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 2484456
Conc: 11.77 ng/ml



#37 AR-1262-2

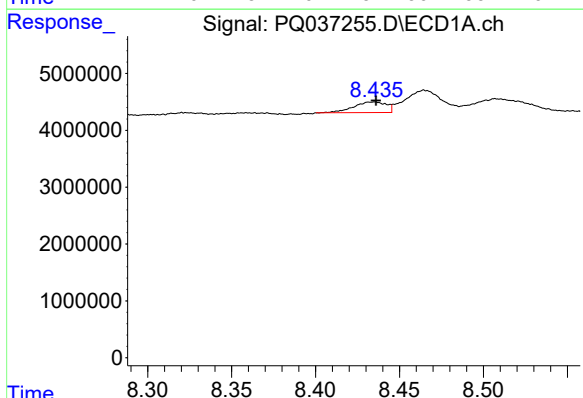
R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 11286186
Conc: 15.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



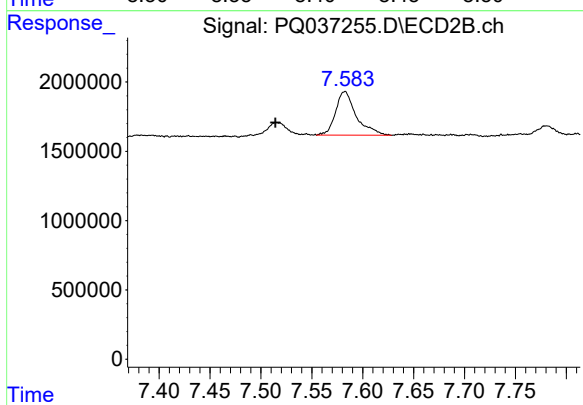
#37 AR-1262-2

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 5750875
Conc: 15.84 ng/ml



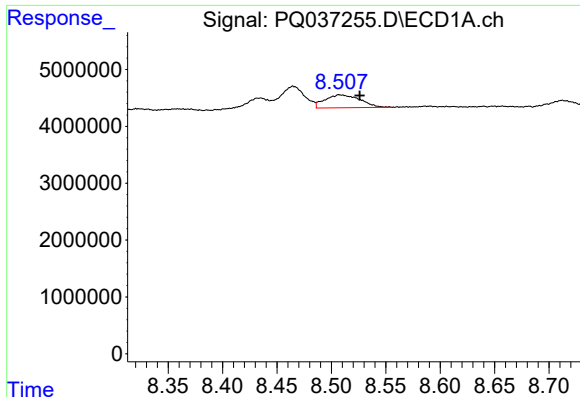
#38 AR-1262-3

R.T.: 8.435 min
Delta R.T.: -0.001 min
Response: 2545378
Conc: 8.16 ng/ml



#38 AR-1262-3

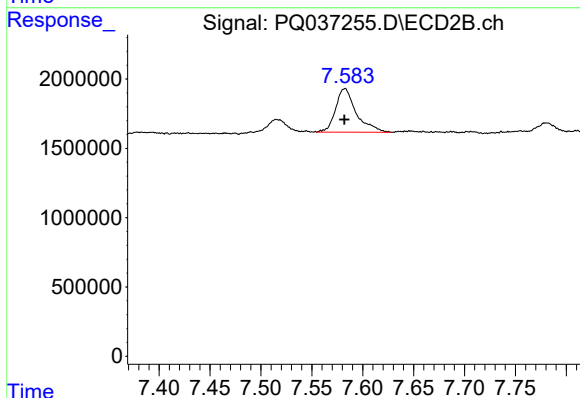
R.T.: 7.582 min
Delta R.T.: 0.068 min
Response: 4445482
Conc: 31.70 ng/ml



#39 AR-1262-4

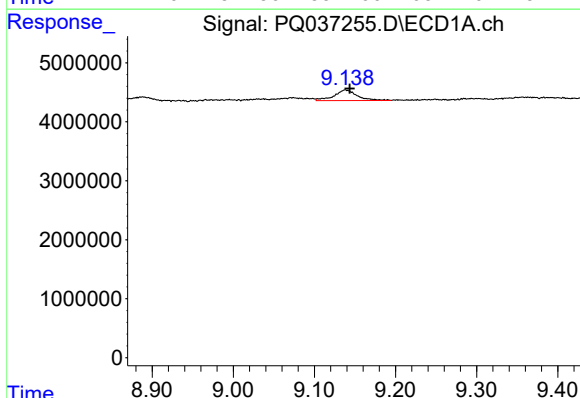
R.T.: 8.508 min
Delta R.T.: -0.018 min
Response: 5112433
Conc: 14.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



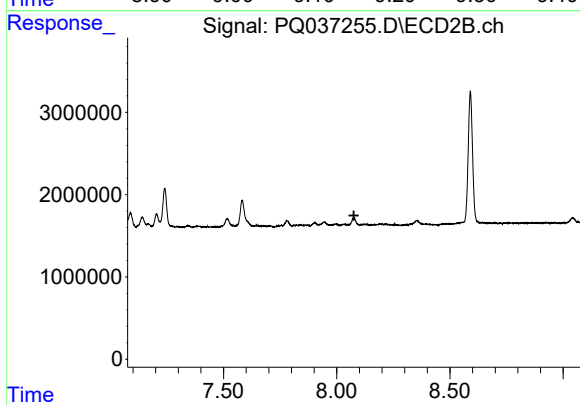
#39 AR-1262-4

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 4445482
Conc: 17.49 ng/ml



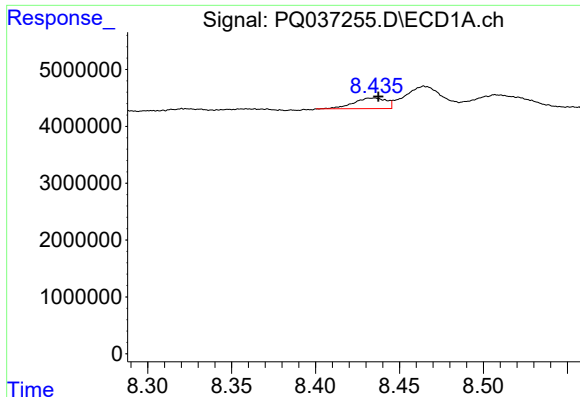
#40 AR-1262-5

R.T.: 9.138 min
Delta R.T.: -0.006 min
Response: 3494274
Conc: 15.42 ng/ml



#40 AR-1262-5

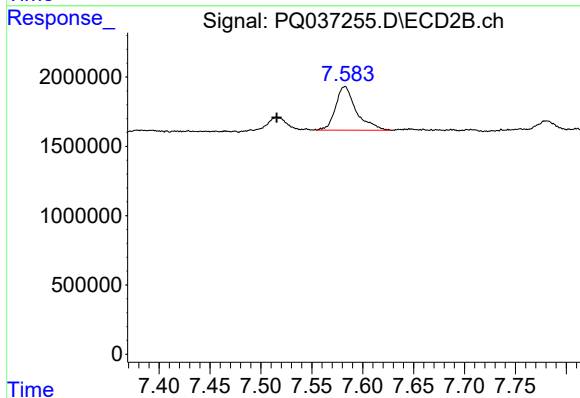
R.T.: 0.000 min
Exp R.T.: 8.076 min
Response: 0
Conc: N.D.



#41 AR-1268-1

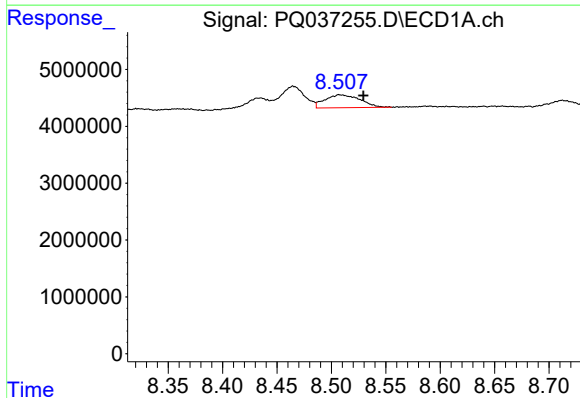
R.T.: 8.435 min
Delta R.T.: -0.003 min
Response: 2545378
Conc: 3.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



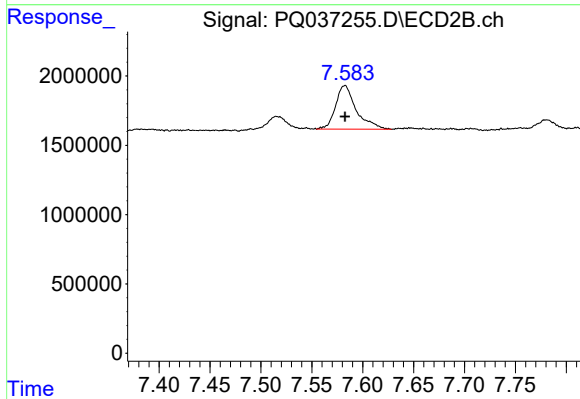
#41 AR-1268-1

R.T.: 7.582 min
Delta R.T.: 0.067 min
Response: 4445482
Conc: 12.39 ng/ml



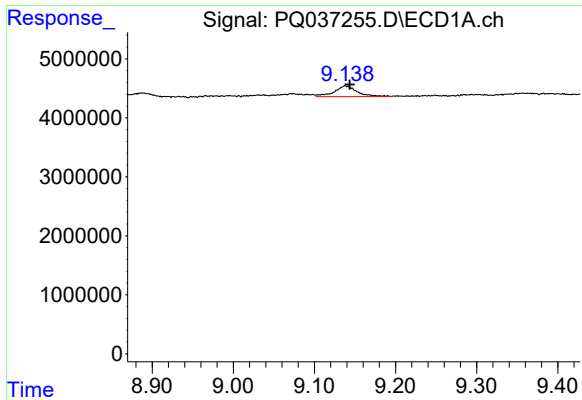
#42 AR-1268-2

R.T.: 8.508 min
Delta R.T.: -0.022 min
Response: 5112433
Conc: 7.28 ng/ml



#42 AR-1268-2

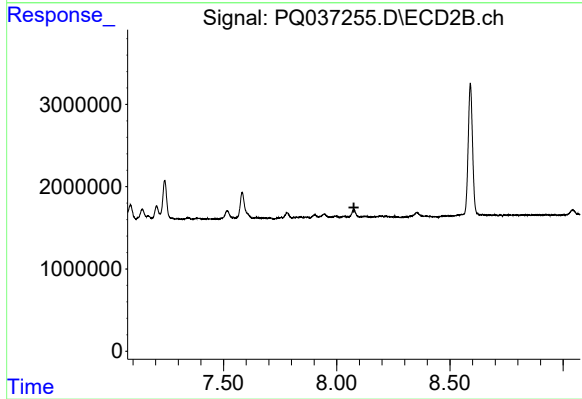
R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 4445482
Conc: 13.70 ng/ml



#44 AR-1268-4

R.T.: 9.138 min
Delta R.T.: -0.005 min
Response: 3494274
Conc: 15.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
JC-02-021119-ORE



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.076 min
Response: 0
Conc: N.D.