

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021319\
 Data File : PQ037240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2019 22:08
 Operator : SM\SJ
 Sample : K1343-25
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 01:05:52 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	3.677	103.5E6	55950180	17.739	18.465
2)	SA Decachlor...	9.805	8.590	71847935	26817015	14.669	12.339
Target Compounds							
3)	L1 AR-1016-1	5.428	4.724	9864828	2784726	55.724	29.617 #
4)	L1 AR-1016-2	5.428	4.776	9864828	5153236	36.269	36.644
5)	L1 AR-1016-3	5.491	4.971	28995009	7045772	181.750	100.243 #
6)	L1 AR-1016-4	5.606	4.971	7741956	7045772	57.401	127.303 #
7)	L1 AR-1016-5	5.903	5.130	7545738	3759339	58.233	52.053
9)	L2 AR-1221-2	4.581	0.000	6078270	0	87.915	N.D. #
10)	L2 AR-1221-3	0.000	4.092	0	5359848	N.D.	42.101 #
11)	L3 AR-1232-1	0.000	4.092	0	5359848	N.D.	104.493 #
12)	L3 AR-1232-2	5.155	4.776	25041666	5153236	503.271	93.961 #
13)	L3 AR-1232-3	5.428	4.971	9864828	7045772	93.467	263.252 #
14)	L3 AR-1232-4	5.606	5.000	7741956	1001077	156.588	43.371 #
15)	L3 AR-1232-5	5.726	5.130	6387867	3759339	177.220	150.732
16)	L4 AR-1242-1	5.428	4.724	9864828	2784726	84.677	44.760 #
17)	L4 AR-1242-2	5.428	4.776	9864828	5153236	53.788	53.581
18)	L4 AR-1242-3	5.491	4.971	28995009	7045772	268.827	148.169 #
19)	L4 AR-1242-4	5.606	5.000	7741956	1001077	87.625	22.187 #
20)	L4 AR-1242-5	6.283	5.543	6027304	3770813	60.524	66.421
21)	L5 AR-1248-1	5.428	4.724	9864828	2784726	88.092	46.798 #
22)	L5 AR-1248-2	5.726	4.971	6387867	7045772	40.541	87.896 #
23)	L5 AR-1248-3	5.903	5.000	7545738	1001077	42.806	12.350 #
24)	L5 AR-1248-4	6.283	5.130	6027304	3759339	29.590	38.379 #
25)	L5 AR-1248-5	6.283	5.543	6027304	3770813	31.151	39.099 #
26)	L6 AR-1254-1	6.283	5.543	6027304	3770813	10.462	8.915
27)	L6 AR-1254-2	6.493	5.673	6097408	2929929	6.728	8.197
28)	L6 AR-1254-3	6.850	6.072	6774958	3466538	6.906	5.878
29)	L6 AR-1254-4	7.125	0.000	2734364	0	3.698	N.D. #
30)	L6 AR-1254-5	7.545	6.706	4949815	2073407	6.517	4.349 #
31)	L7 AR-1260-1	7.003	0.000	3423056	0	13.080	N.D. #
32)	L7 AR-1260-2	7.260	6.423	10641191	765689	31.993	4.407 #
33)	L7 AR-1260-3	7.613	6.533	2407920	1514864	11.222	9.477
34)	L7 AR-1260-4	7.840	0.000	6971206	0	29.091	N.D. #
35)	L7 AR-1260-5	8.149	7.240	6311086	3123311	12.711	12.157
36)	L8 AR-1262-1	7.613	6.706	2407920	2073407	5.585	9.823 #
37)	L8 AR-1262-2	8.149	7.240	6311086	3123311	8.513	8.601
38)	L8 AR-1262-3	8.435	7.582	1047638	2578291	3.359	18.385 #
39)	L8 AR-1262-4	8.464	7.582	1497659	2578291	4.105	10.147 #
40)	L8 AR-1262-5	9.141	0.000	2385284	0	10.529	N.D. #
41)	L9 AR-1268-1	8.435	7.582	1047638	2578291	1.369	7.185 #
42)	L9 AR-1268-2	8.464	7.582	1497659	2578291	2.134	7.948 #

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Integration File signal 1: autoint1.e
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 Quant Time: Feb 14 01:05:52 2019
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 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 13 16:51:51 2019
 Response via : Initial Calibration
 Integrator: ChemStation

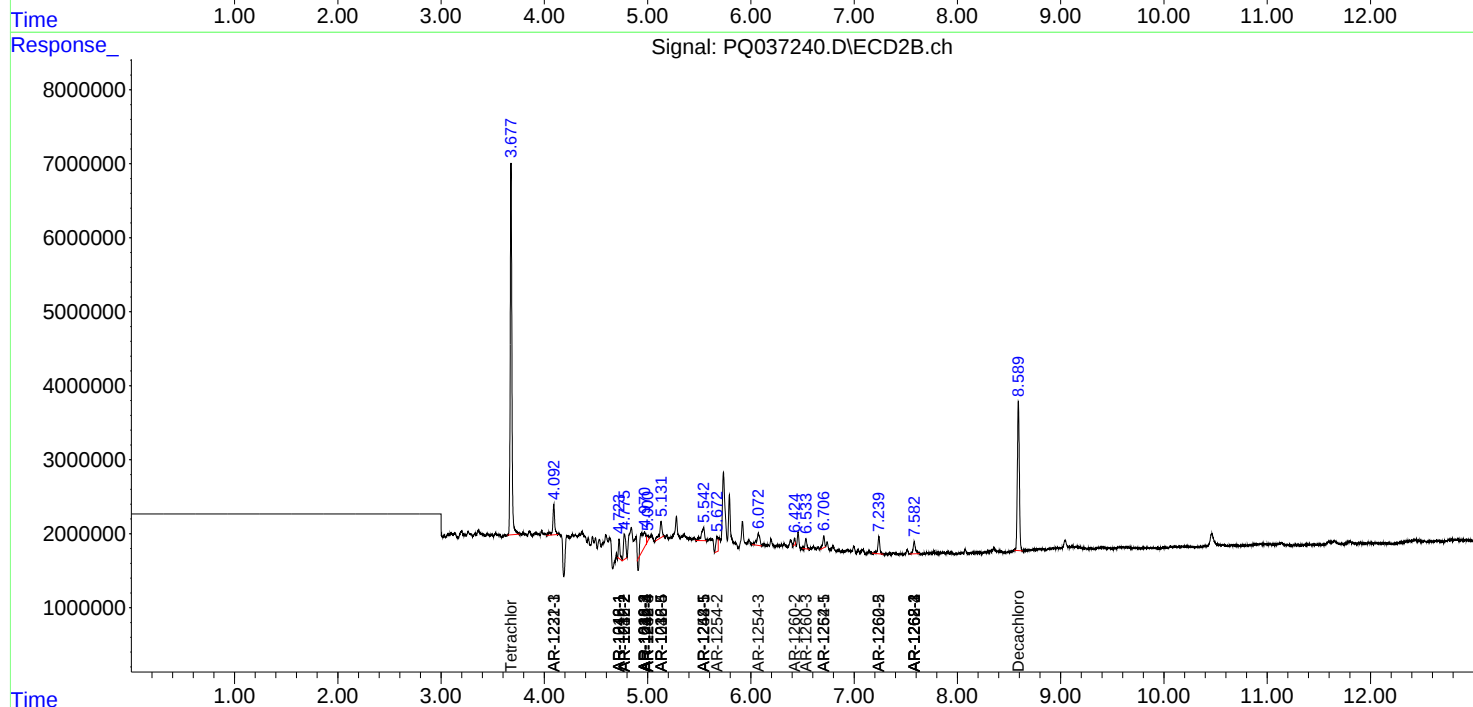
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

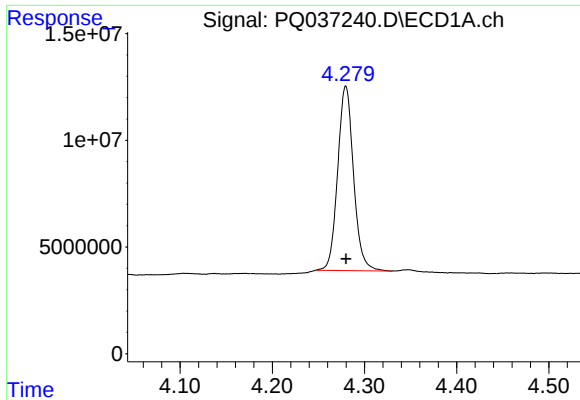
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.141	0.000	2385284	0	10.482	N.D. #

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

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

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

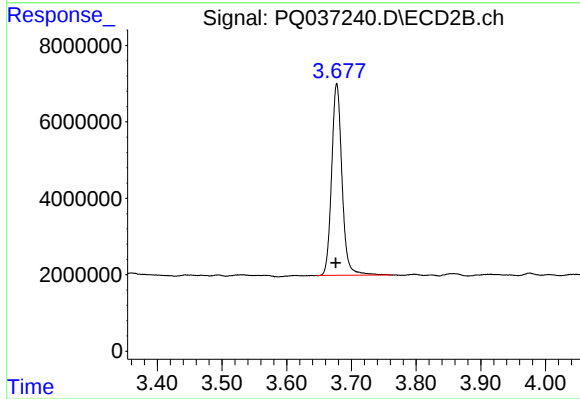




#1 Tetrachloro-m-xylene

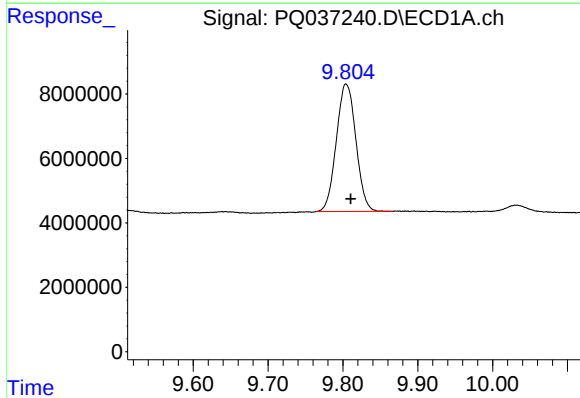
R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 103454359
Conc: 17.74 ng/ml

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



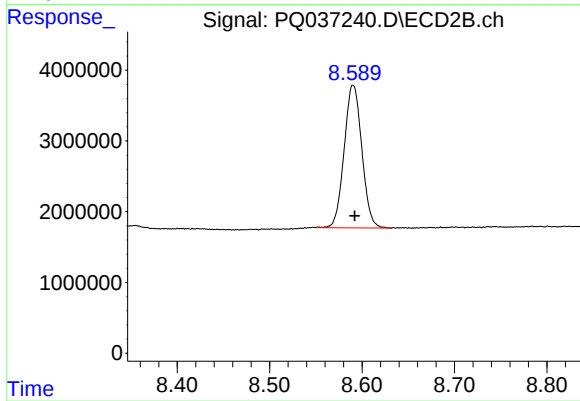
#1 Tetrachloro-m-xylene

R.T.: 3.677 min
Delta R.T.: 0.002 min
Response: 55950180
Conc: 18.46 ng/ml



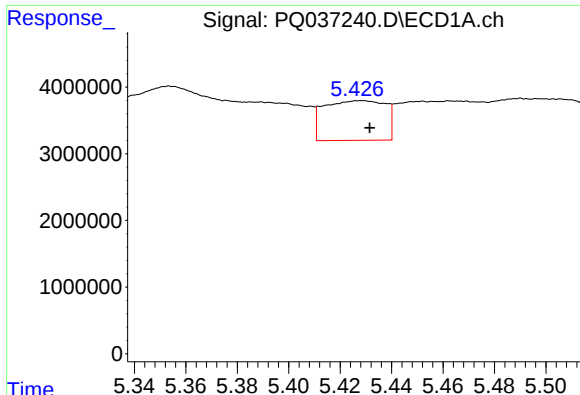
#2 Decachlorobiphenyl

R.T.: 9.805 min
Delta R.T.: -0.006 min
Response: 71847935
Conc: 14.67 ng/ml



#2 Decachlorobiphenyl

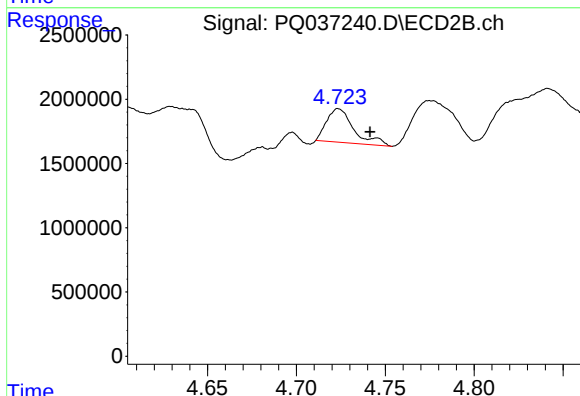
R.T.: 8.590 min
Delta R.T.: -0.002 min
Response: 26817015
Conc: 12.34 ng/ml



#3 AR-1016-1

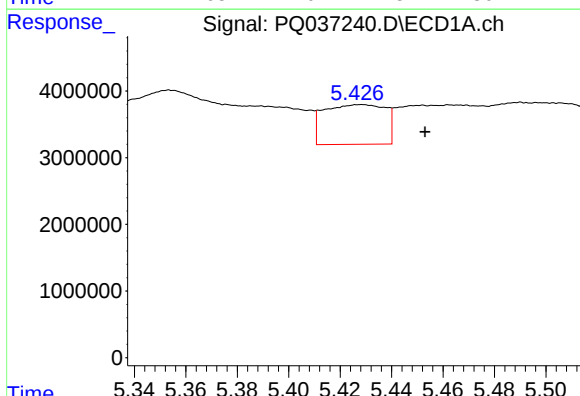
R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 9864828
Conc: 55.72 ng/ml

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



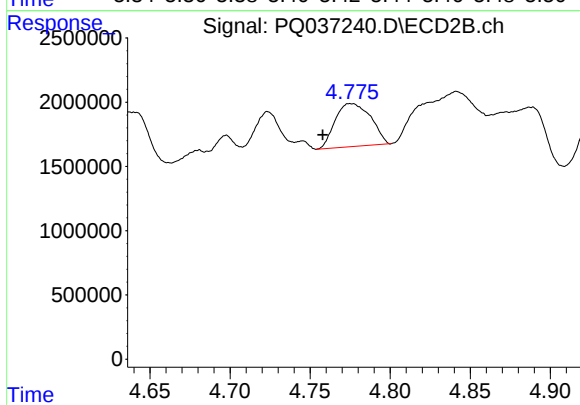
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.018 min
Response: 2784726
Conc: 29.62 ng/ml



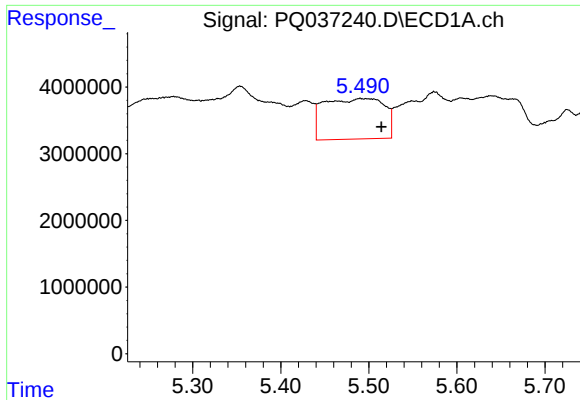
#4 AR-1016-2

R.T.: 5.428 min
Delta R.T.: -0.025 min
Response: 9864828
Conc: 36.27 ng/ml



#4 AR-1016-2

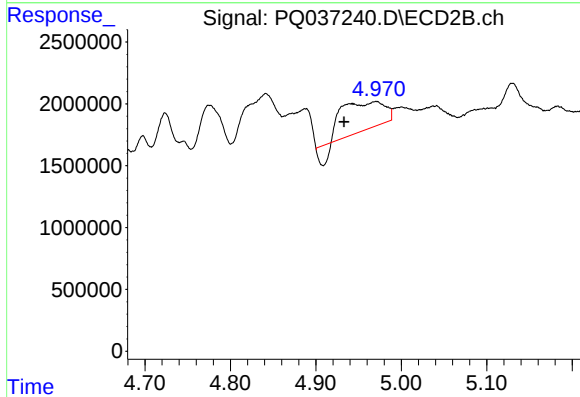
R.T.: 4.776 min
Delta R.T.: 0.018 min
Response: 5153236
Conc: 36.64 ng/ml



#5 AR-1016-3

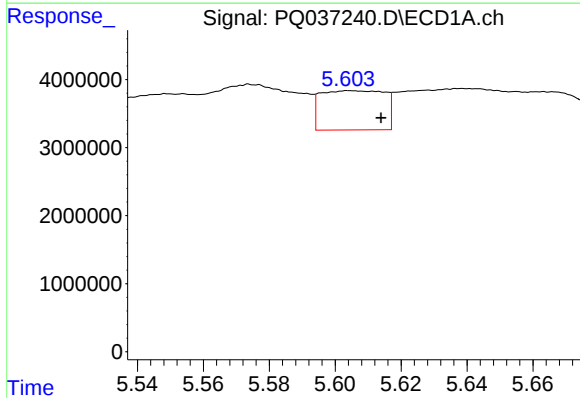
R.T.: 5.491 min
Delta R.T.: -0.023 min
Response: 28995009
Conc: 181.75 ng/ml

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



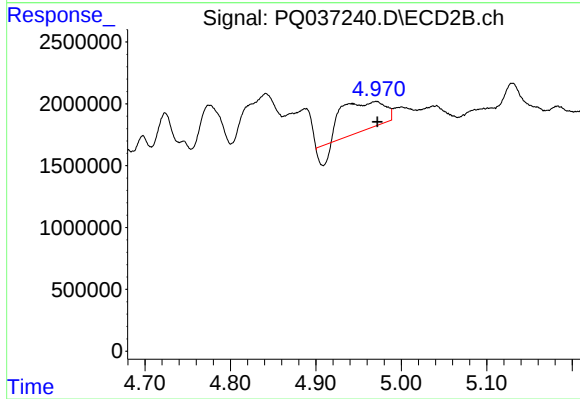
#5 AR-1016-3

R.T.: 4.971 min
Delta R.T.: 0.038 min
Response: 7045772
Conc: 100.24 ng/ml



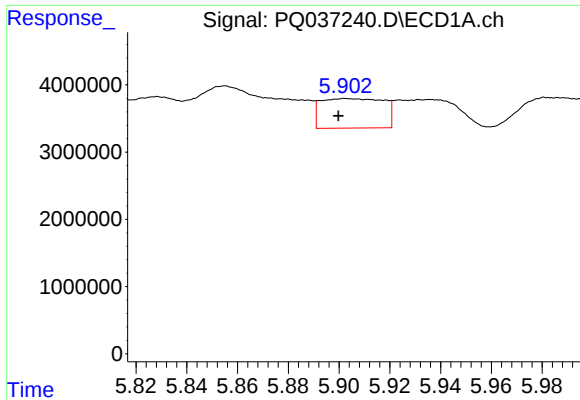
#6 AR-1016-4

R.T.: 5.606 min
Delta R.T.: -0.008 min
Response: 7741956
Conc: 57.40 ng/ml



#6 AR-1016-4

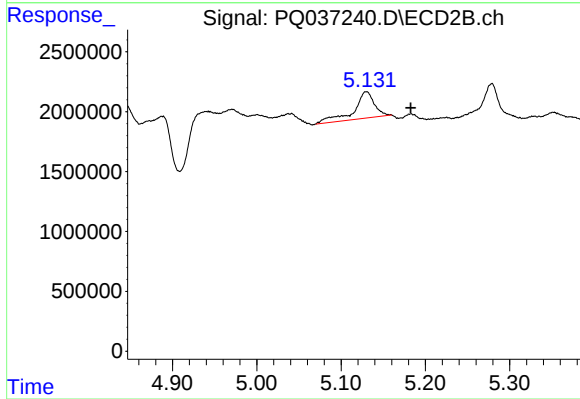
R.T.: 4.971 min
Delta R.T.: -0.001 min
Response: 7045772
Conc: 127.30 ng/ml



#7 AR-1016-5

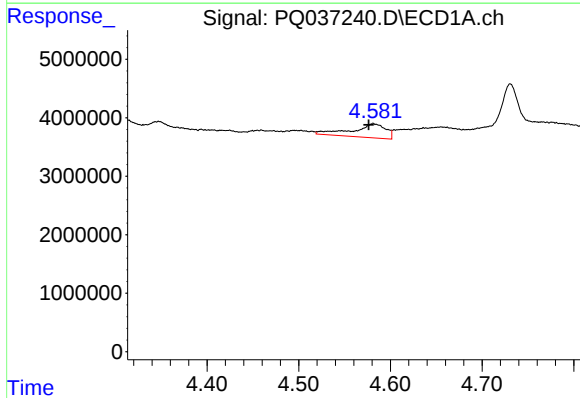
R.T.: 5.903 min
Delta R.T.: 0.003 min
Response: 7545738
Conc: 58.23 ng/ml

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



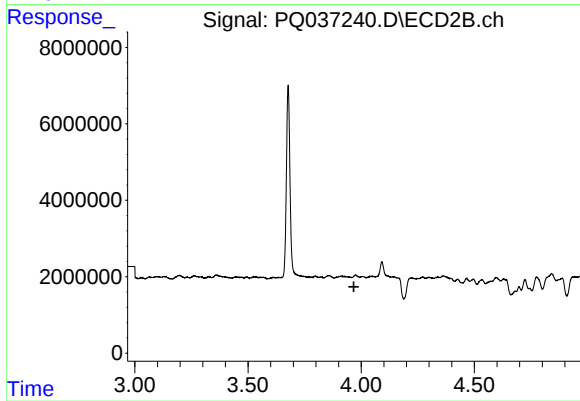
#7 AR-1016-5

R.T.: 5.130 min
Delta R.T.: -0.053 min
Response: 3759339
Conc: 52.05 ng/ml



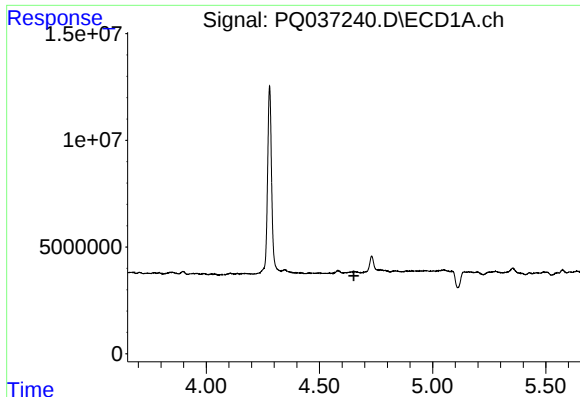
#9 AR-1221-2

R.T.: 4.581 min
Delta R.T.: 0.005 min
Response: 6078270
Conc: 87.91 ng/ml



#9 AR-1221-2

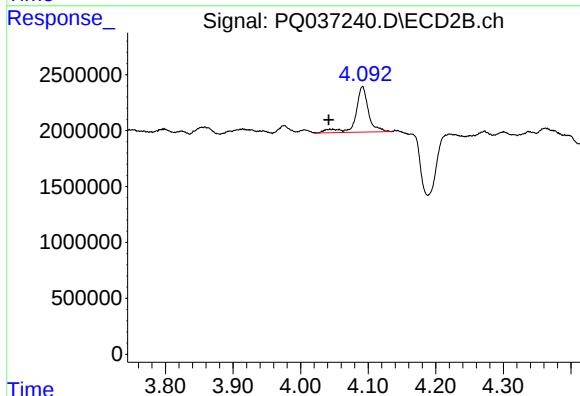
R.T.: 0.000 min
Exp R.T.: 3.968 min
Response: 0
Conc: N.D.



#10 AR-1221-3

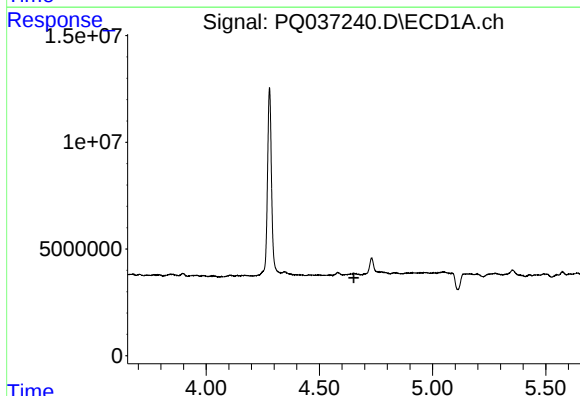
R.T.: 0.000 min
Exp R.T. : 4.652 min
Response: 0
Conc: N.D.

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



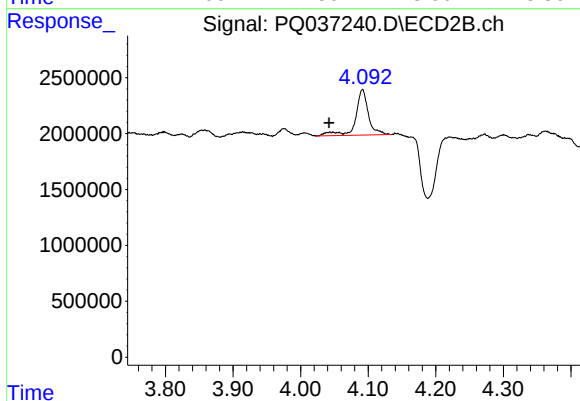
#10 AR-1221-3

R.T.: 4.092 min
Delta R.T.: 0.050 min
Response: 5359848
Conc: 42.10 ng/ml



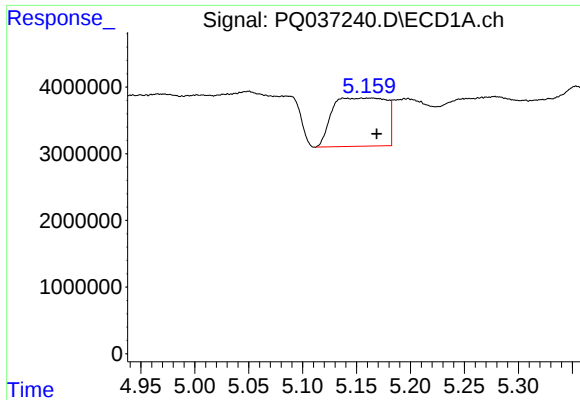
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.652 min
Response: 0
Conc: N.D.



#11 AR-1232-1

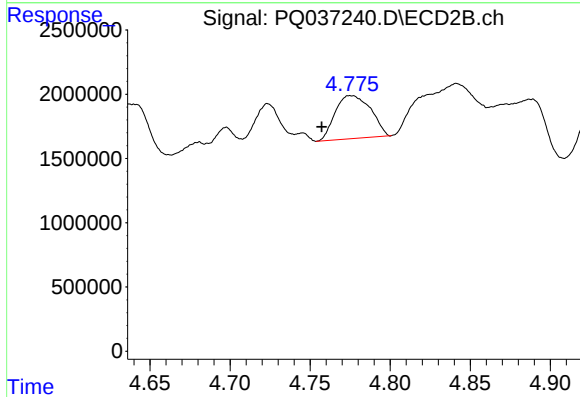
R.T.: 4.092 min
Delta R.T.: 0.050 min
Response: 5359848
Conc: 104.49 ng/ml



#12 AR-1232-2

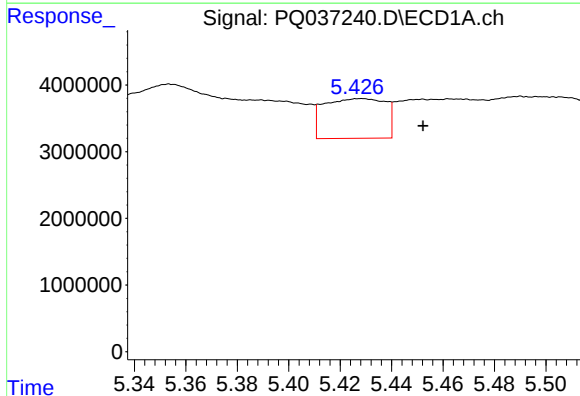
R.T.: 5.155 min
Delta R.T.: -0.014 min
Response: 25041666
Conc: 503.27 ng/ml

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



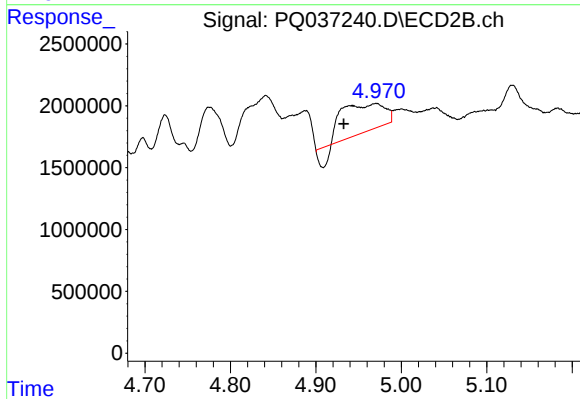
#12 AR-1232-2

R.T.: 4.776 min
Delta R.T.: 0.018 min
Response: 5153236
Conc: 93.96 ng/ml



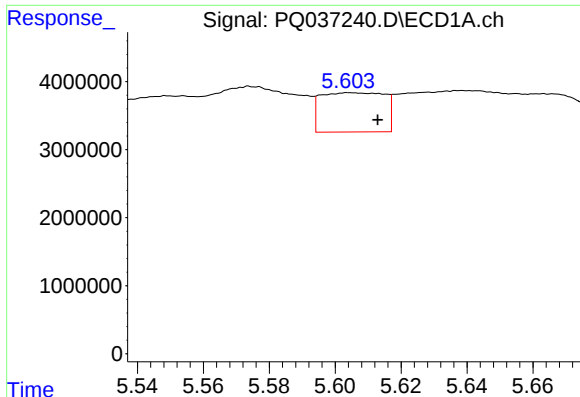
#13 AR-1232-3

R.T.: 5.428 min
Delta R.T.: -0.024 min
Response: 9864828
Conc: 93.47 ng/ml



#13 AR-1232-3

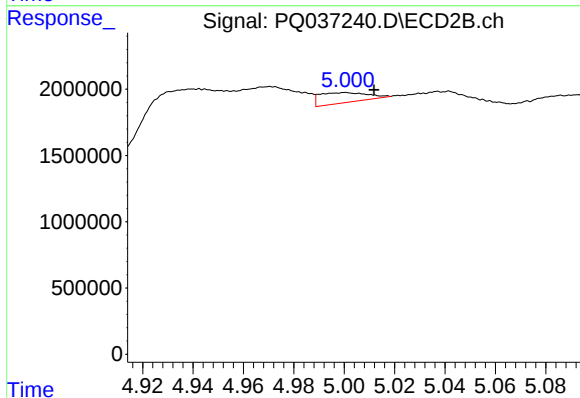
R.T.: 4.971 min
Delta R.T.: 0.038 min
Response: 7045772
Conc: 263.25 ng/ml



#14 AR-1232-4

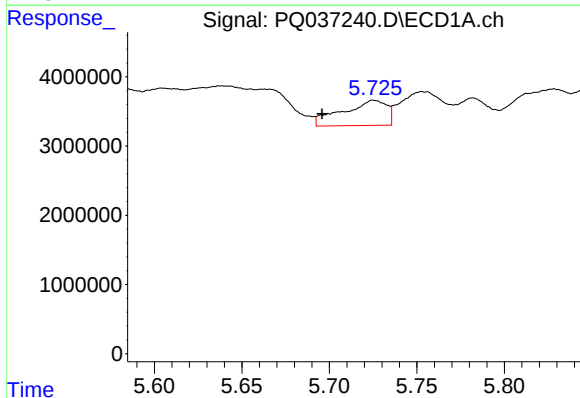
R.T.: 5.606 min
Delta R.T.: -0.007 min
Response: 7741956
Conc: 156.59 ng/ml

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



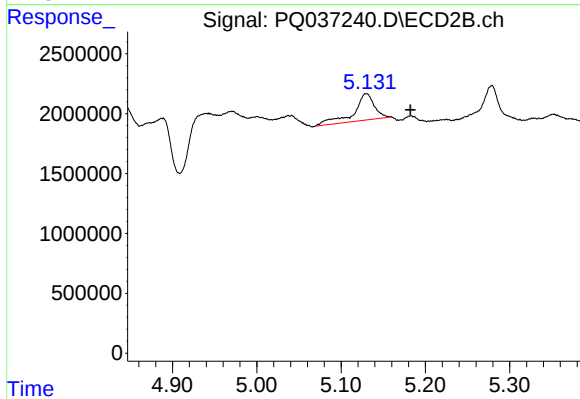
#14 AR-1232-4

R.T.: 5.000 min
Delta R.T.: -0.011 min
Response: 1001077
Conc: 43.37 ng/ml



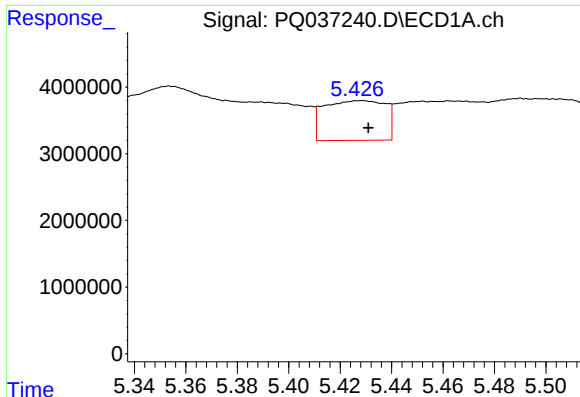
#15 AR-1232-5

R.T.: 5.726 min
Delta R.T.: 0.030 min
Response: 6387867
Conc: 177.22 ng/ml



#15 AR-1232-5

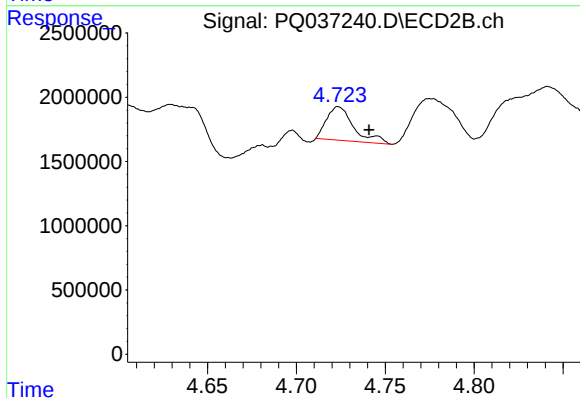
R.T.: 5.130 min
Delta R.T.: -0.052 min
Response: 3759339
Conc: 150.73 ng/ml



#16 AR-1242-1

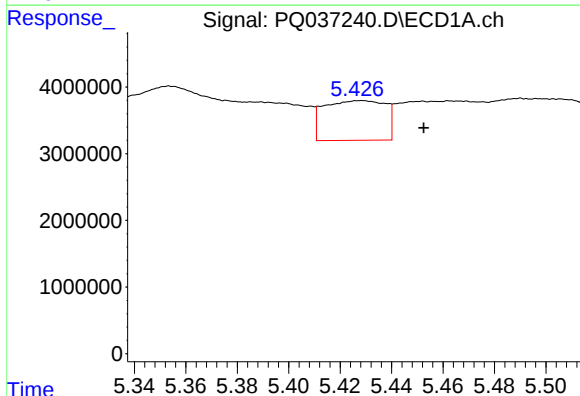
R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 9864828
Conc: 84.68 ng/ml

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



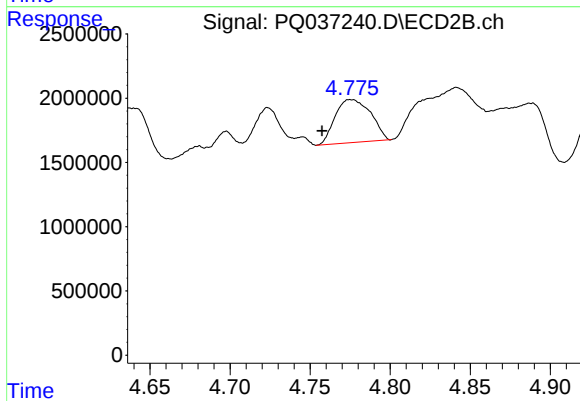
#16 AR-1242-1

R.T.: 4.724 min
Delta R.T.: -0.017 min
Response: 2784726
Conc: 44.76 ng/ml



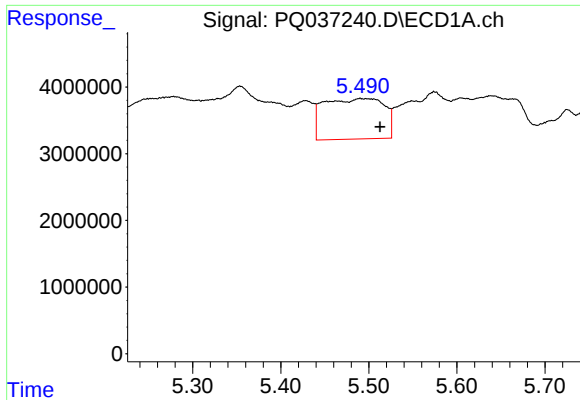
#17 AR-1242-2

R.T.: 5.428 min
Delta R.T.: -0.024 min
Response: 9864828
Conc: 53.79 ng/ml



#17 AR-1242-2

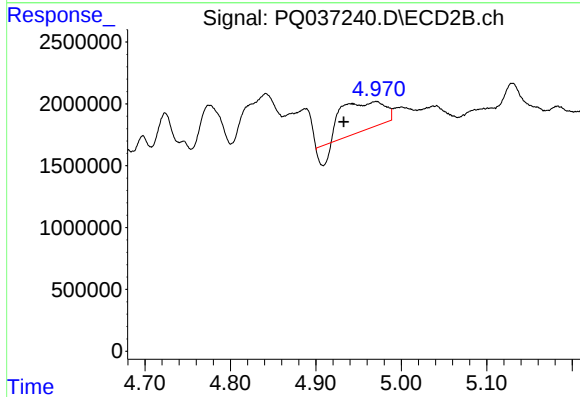
R.T.: 4.776 min
Delta R.T.: 0.018 min
Response: 5153236
Conc: 53.58 ng/ml



#18 AR-1242-3

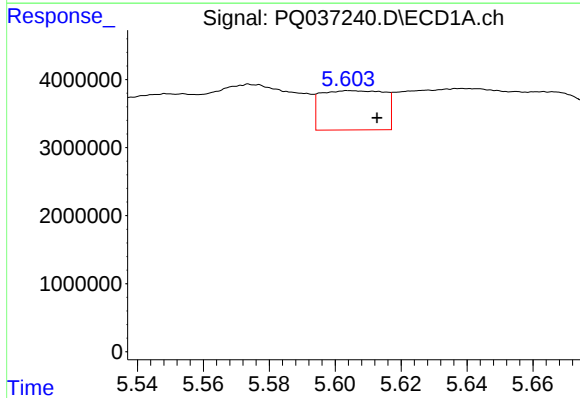
R.T.: 5.491 min
Delta R.T.: -0.022 min
Response: 28995009
Conc: 268.83 ng/ml

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



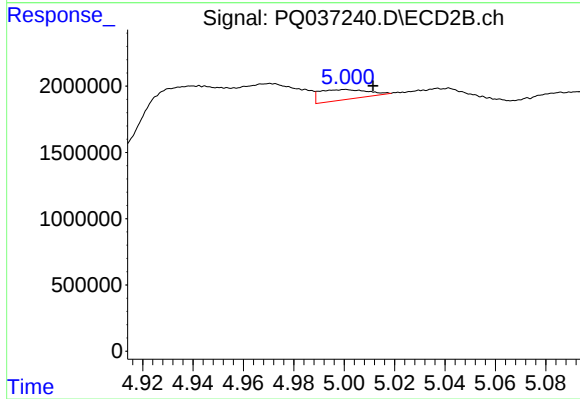
#18 AR-1242-3

R.T.: 4.971 min
Delta R.T.: 0.038 min
Response: 7045772
Conc: 148.17 ng/ml



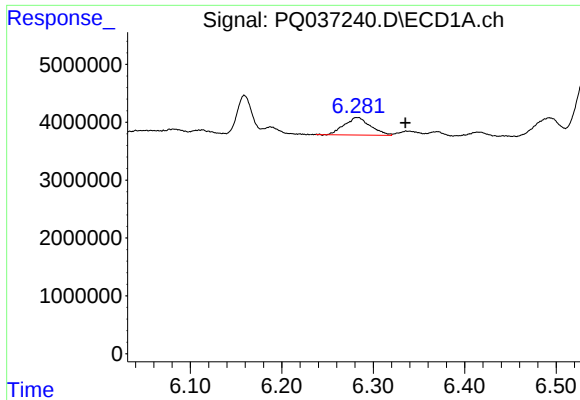
#19 AR-1242-4

R.T.: 5.606 min
Delta R.T.: -0.007 min
Response: 7741956
Conc: 87.62 ng/ml



#19 AR-1242-4

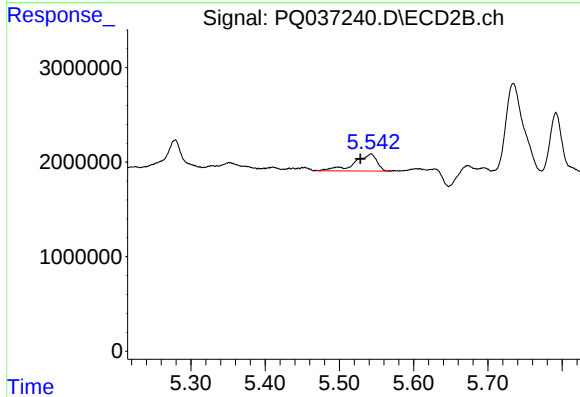
R.T.: 5.000 min
Delta R.T.: -0.011 min
Response: 1001077
Conc: 22.19 ng/ml



#20 AR-1242-5

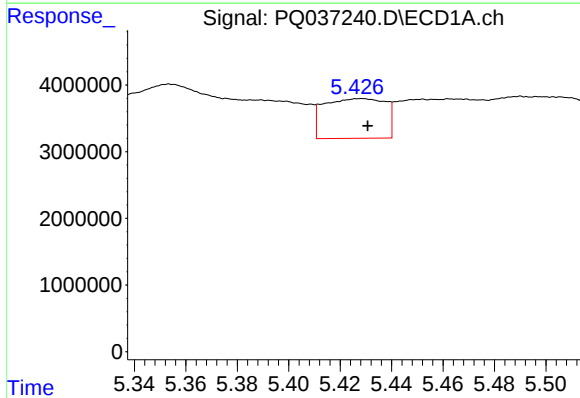
R.T.: 6.283 min
Delta R.T.: -0.053 min
Response: 6027304
Conc: 60.52 ng/ml

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



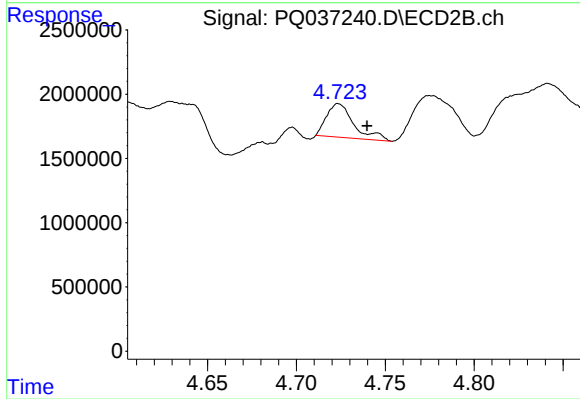
#20 AR-1242-5

R.T.: 5.543 min
Delta R.T.: 0.014 min
Response: 3770813
Conc: 66.42 ng/ml



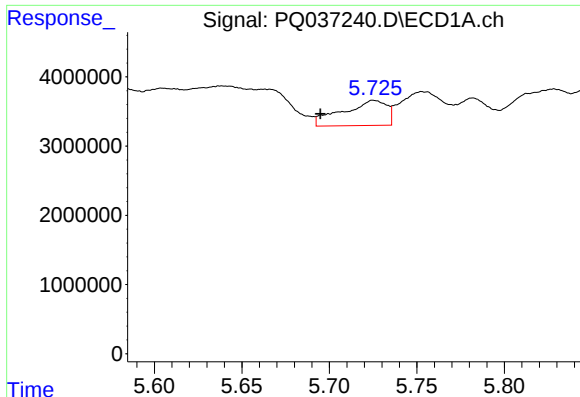
#21 AR-1248-1

R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 9864828
Conc: 88.09 ng/ml



#21 AR-1248-1

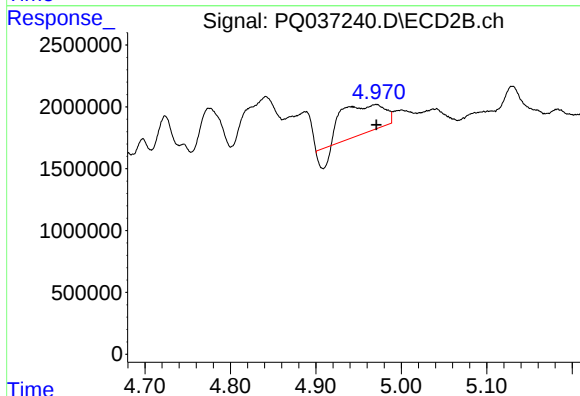
R.T.: 4.724 min
Delta R.T.: -0.016 min
Response: 2784726
Conc: 46.80 ng/ml



#22 AR-1248-2

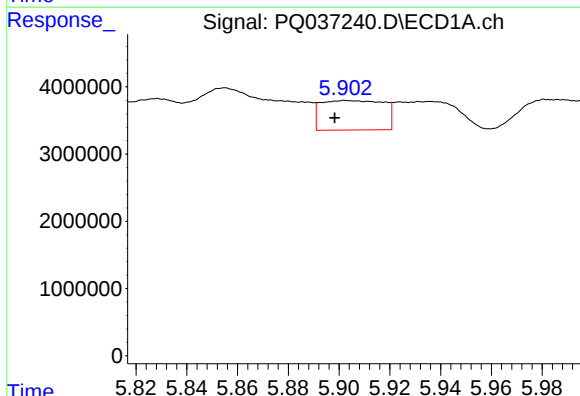
R.T.: 5.726 min
Delta R.T.: 0.031 min
Response: 6387867
Conc: 40.54 ng/ml

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



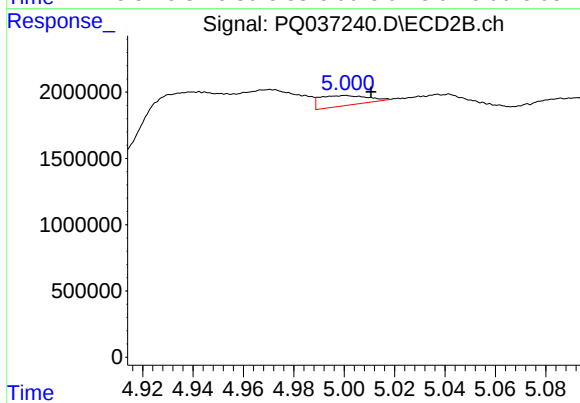
#22 AR-1248-2

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 7045772
Conc: 87.90 ng/ml



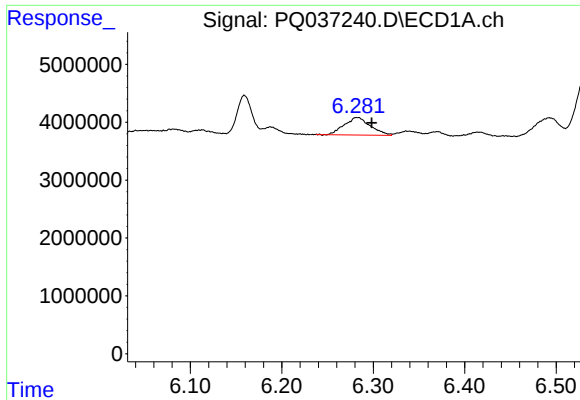
#23 AR-1248-3

R.T.: 5.903 min
Delta R.T.: 0.005 min
Response: 7545738
Conc: 42.81 ng/ml



#23 AR-1248-3

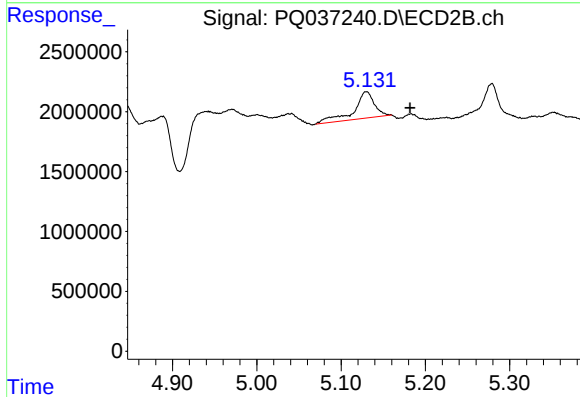
R.T.: 5.000 min
Delta R.T.: -0.010 min
Response: 1001077
Conc: 12.35 ng/ml



#24 AR-1248-4

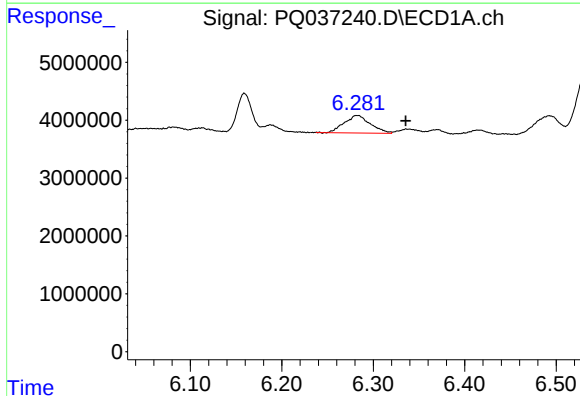
R.T.: 6.283 min
Delta R.T.: -0.016 min
Response: 6027304
Conc: 29.59 ng/ml

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



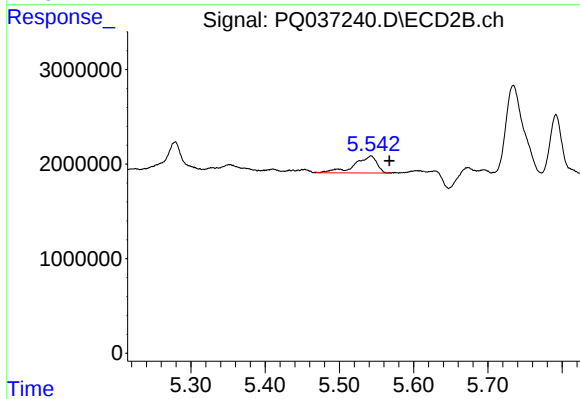
#24 AR-1248-4

R.T.: 5.130 min
Delta R.T.: -0.052 min
Response: 3759339
Conc: 38.38 ng/ml



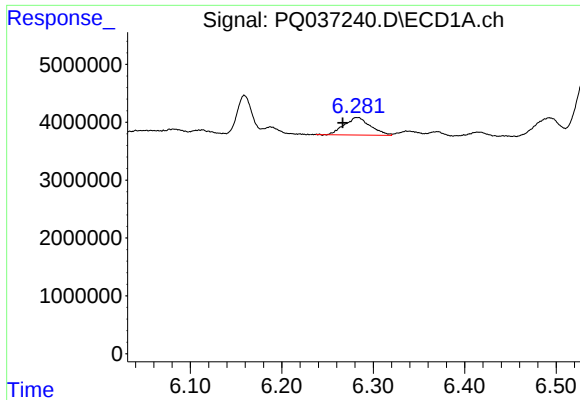
#25 AR-1248-5

R.T.: 6.283 min
Delta R.T.: -0.053 min
Response: 6027304
Conc: 31.15 ng/ml



#25 AR-1248-5

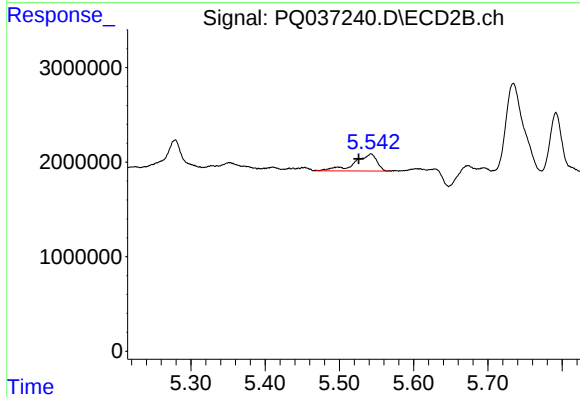
R.T.: 5.543 min
Delta R.T.: -0.025 min
Response: 3770813
Conc: 39.10 ng/ml



#26 AR-1254-1

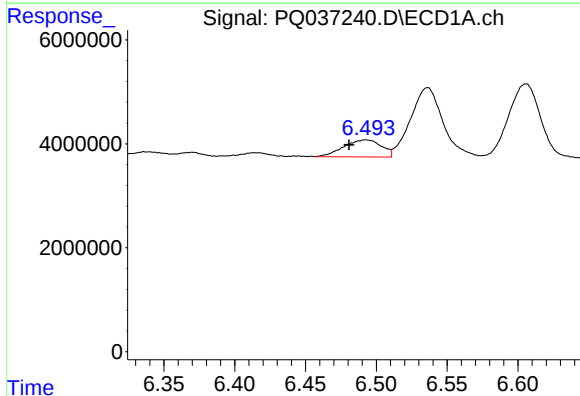
R.T.: 6.283 min
Delta R.T.: 0.016 min
Response: 6027304
Conc: 10.46 ng/ml

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



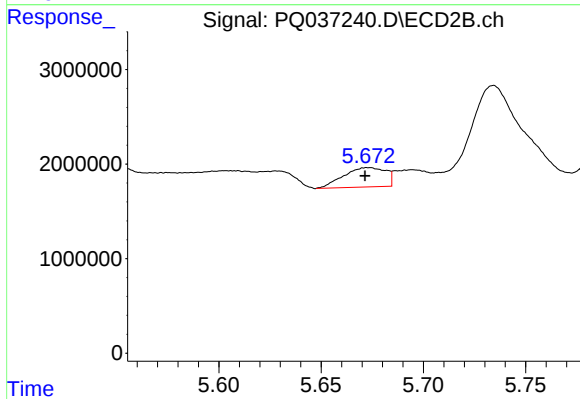
#26 AR-1254-1

R.T.: 5.543 min
Delta R.T.: 0.016 min
Response: 3770813
Conc: 8.91 ng/ml



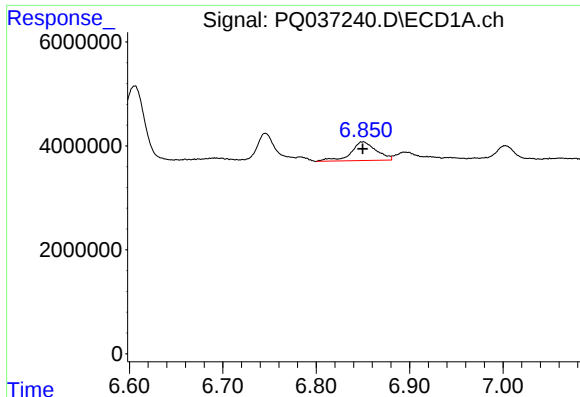
#27 AR-1254-2

R.T.: 6.493 min
Delta R.T.: 0.012 min
Response: 6097408
Conc: 6.73 ng/ml



#27 AR-1254-2

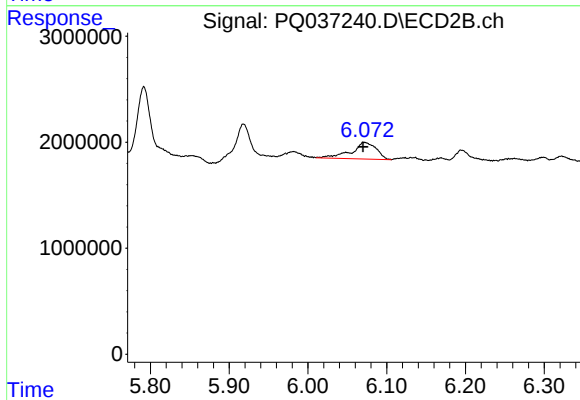
R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 2929929
Conc: 8.20 ng/ml



#28 AR-1254-3

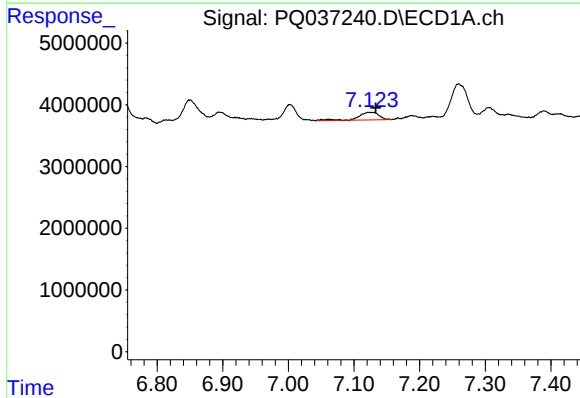
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 6774958
Conc: 6.91 ng/ml

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



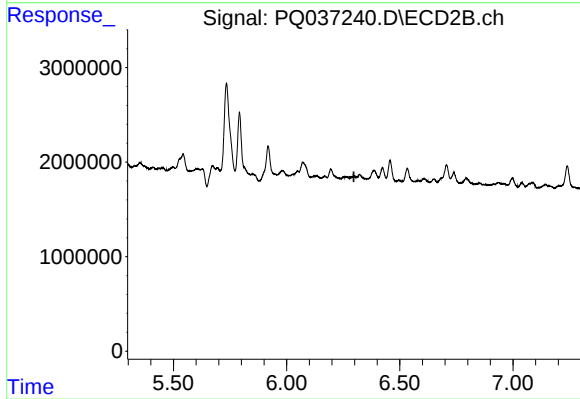
#28 AR-1254-3

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 3466538
Conc: 5.88 ng/ml



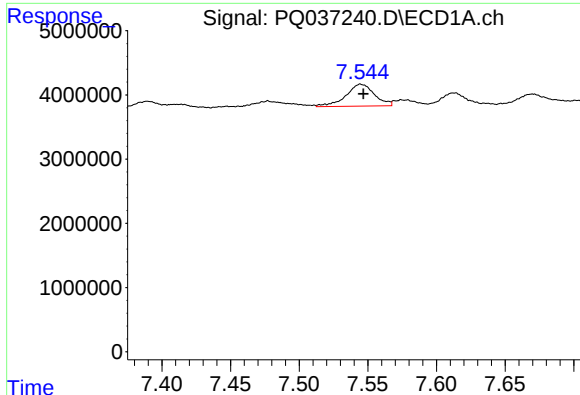
#29 AR-1254-4

R.T.: 7.125 min
Delta R.T.: -0.008 min
Response: 2734364
Conc: 3.70 ng/ml



#29 AR-1254-4

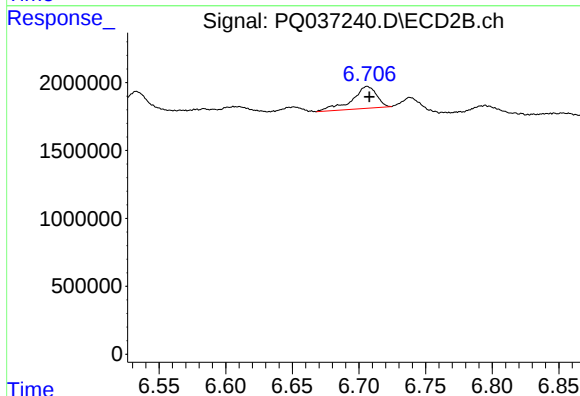
R.T.: 0.000 min
Exp R.T.: 6.297 min
Response: 0
Conc: N.D.



#30 AR-1254-5

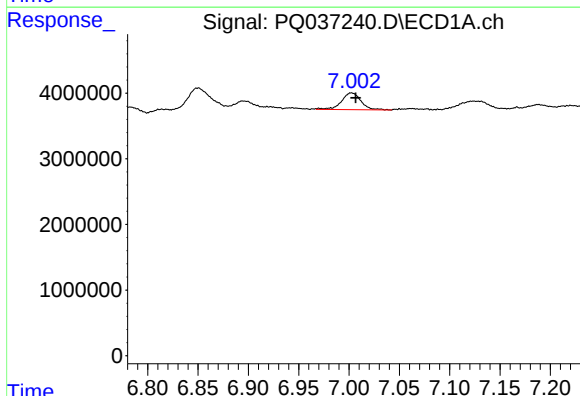
R.T.: 7.545 min
Delta R.T.: -0.002 min
Response: 4949815
Conc: 6.52 ng/ml

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



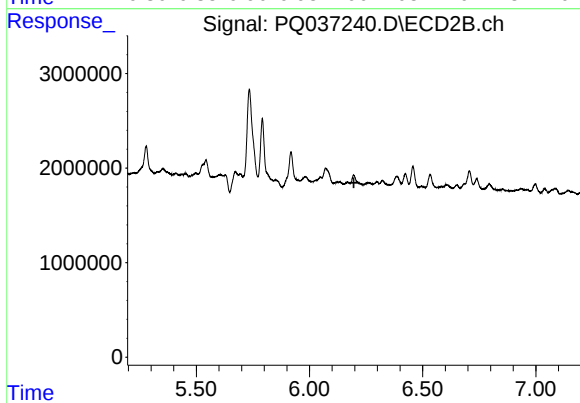
#30 AR-1254-5

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 2073407
Conc: 4.35 ng/ml



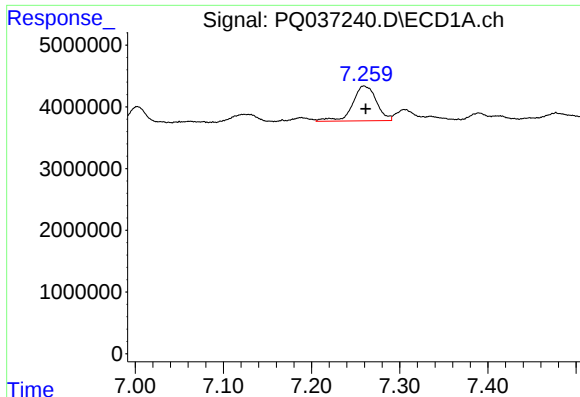
#31 AR-1260-1

R.T.: 7.003 min
Delta R.T.: -0.004 min
Response: 3423056
Conc: 13.08 ng/ml



#31 AR-1260-1

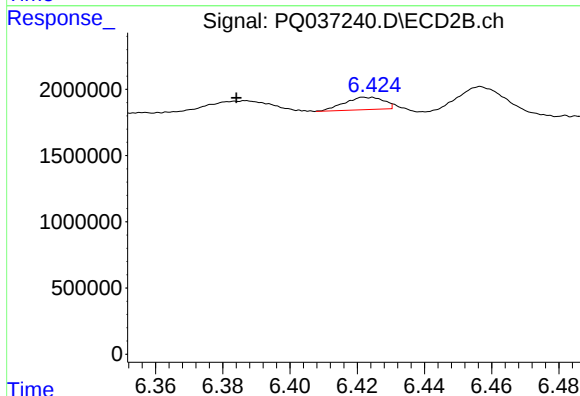
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.



#32 AR-1260-2

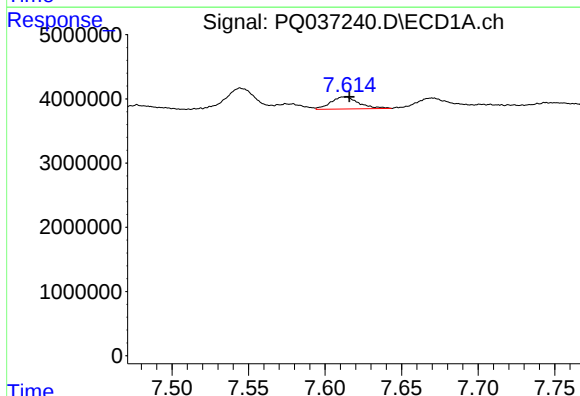
R.T.: 7.260 min
Delta R.T.: -0.001 min
Response: 10641191
Conc: 31.99 ng/ml

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



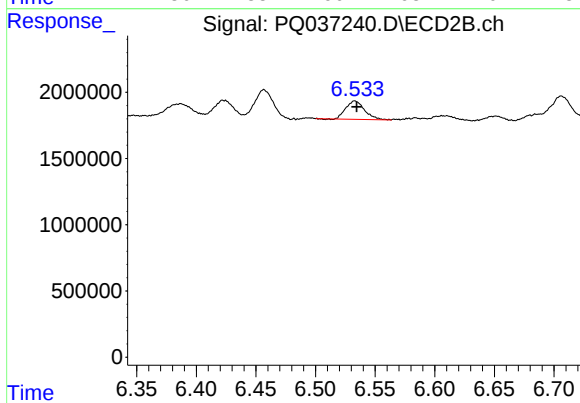
#32 AR-1260-2

R.T.: 6.423 min
Delta R.T.: 0.039 min
Response: 765689
Conc: 4.41 ng/ml



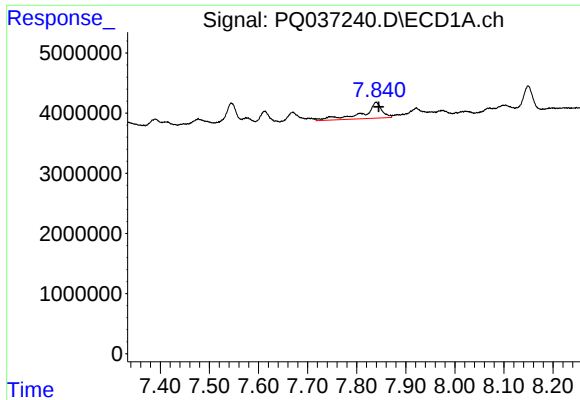
#33 AR-1260-3

R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 2407920
Conc: 11.22 ng/ml



#33 AR-1260-3

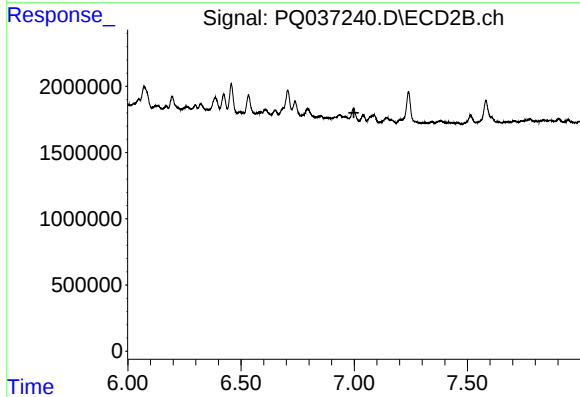
R.T.: 6.533 min
Delta R.T.: -0.001 min
Response: 1514864
Conc: 9.48 ng/ml



#34 AR-1260-4

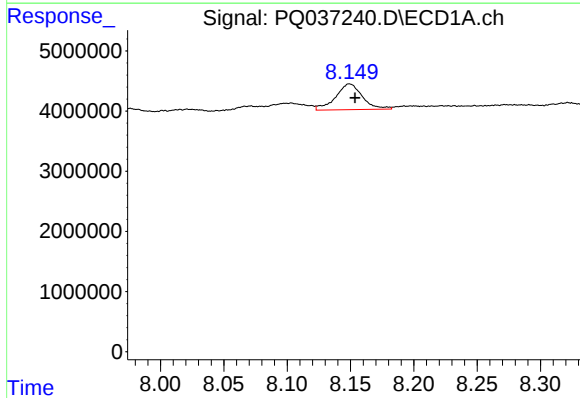
R.T.: 7.840 min
Delta R.T.: -0.005 min
Response: 6971206
Conc: 29.09 ng/ml

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



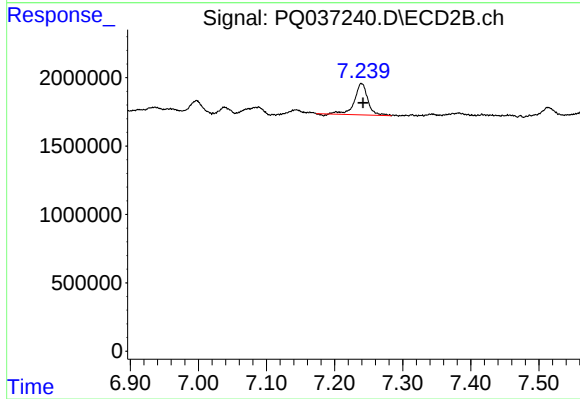
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



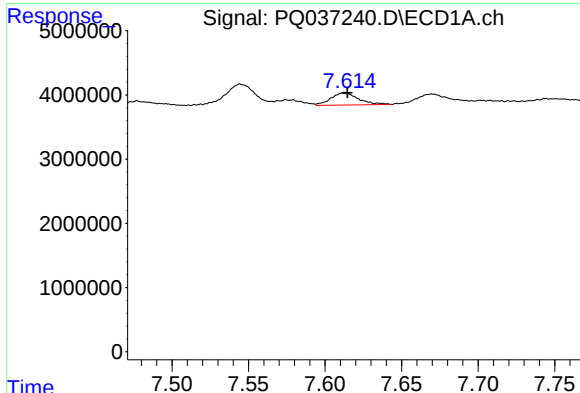
#35 AR-1260-5

R.T.: 8.149 min
Delta R.T.: -0.004 min
Response: 6311086
Conc: 12.71 ng/ml



#35 AR-1260-5

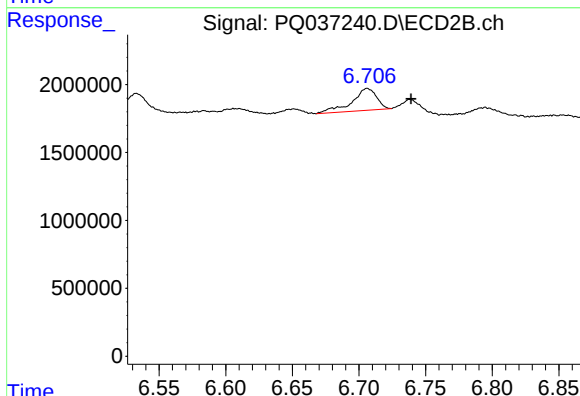
R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 3123311
Conc: 12.16 ng/ml



#36 AR-1262-1

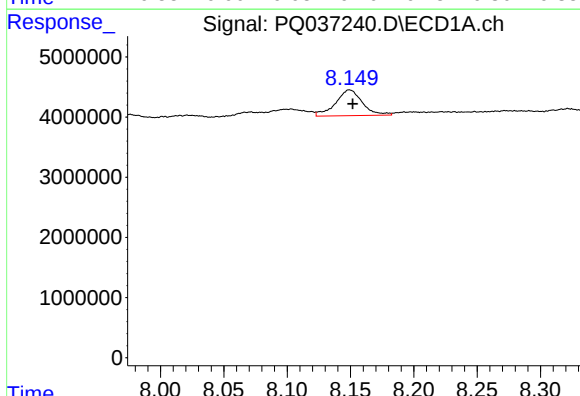
R.T.: 7.613 min
Delta R.T.: -0.002 min
Response: 2407920
Conc: 5.58 ng/ml

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



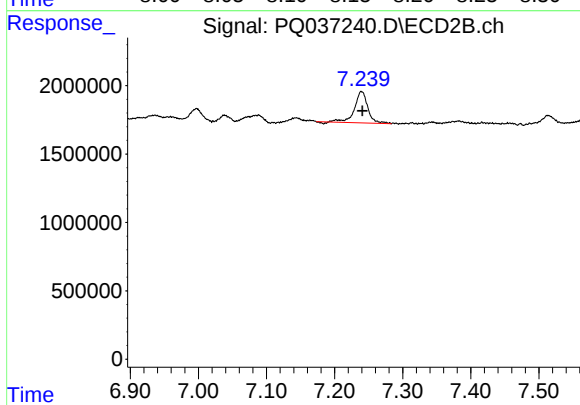
#36 AR-1262-1

R.T.: 6.706 min
Delta R.T.: -0.033 min
Response: 2073407
Conc: 9.82 ng/ml



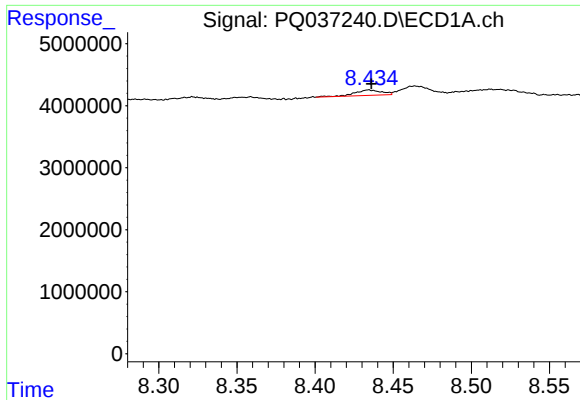
#37 AR-1262-2

R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 6311086
Conc: 8.51 ng/ml



#37 AR-1262-2

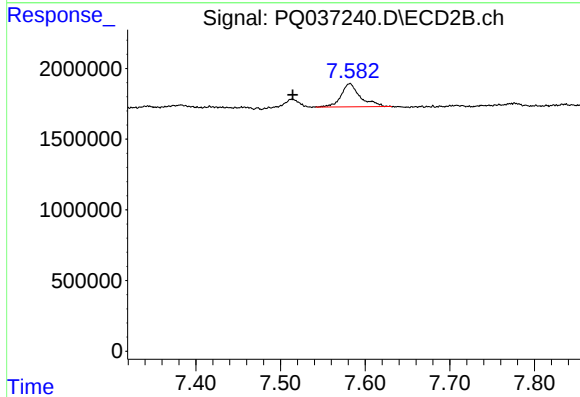
R.T.: 7.240 min
Delta R.T.: -0.001 min
Response: 3123311
Conc: 8.60 ng/ml



#38 AR-1262-3

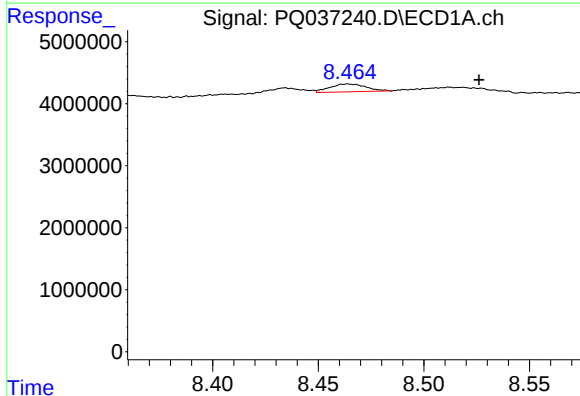
R.T.: 8.435 min
Delta R.T.: -0.001 min
Response: 1047638
Conc: 3.36 ng/ml

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



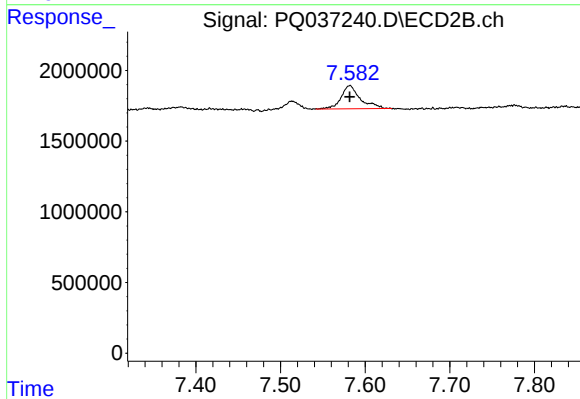
#38 AR-1262-3

R.T.: 7.582 min
Delta R.T.: 0.068 min
Response: 2578291
Conc: 18.38 ng/ml



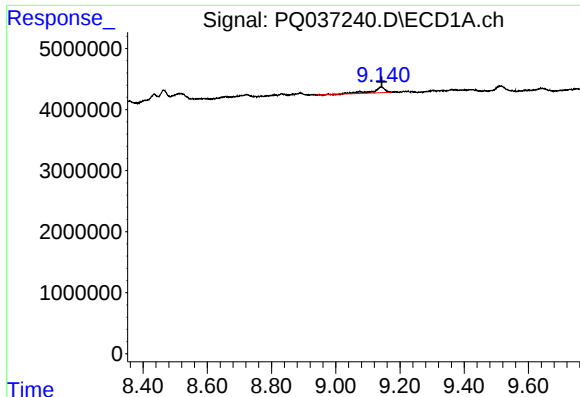
#39 AR-1262-4

R.T.: 8.464 min
Delta R.T.: -0.062 min
Response: 1497659
Conc: 4.11 ng/ml



#39 AR-1262-4

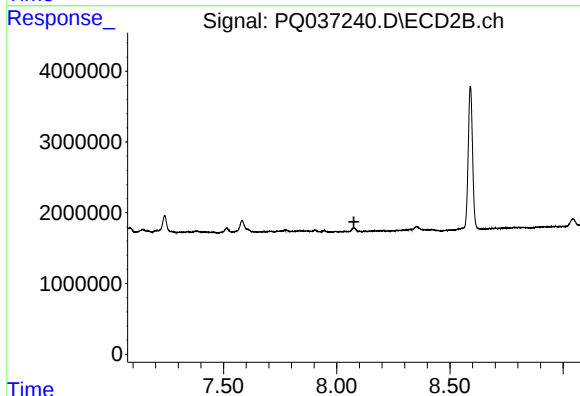
R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 2578291
Conc: 10.15 ng/ml



#40 AR-1262-5

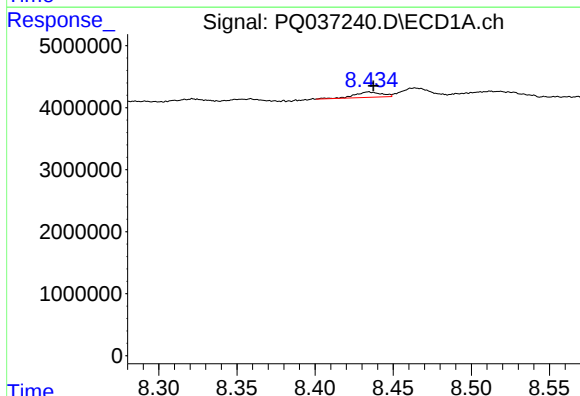
R.T.: 9.141 min
Delta R.T.: -0.003 min
Response: 2385284
Conc: 10.53 ng/ml

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



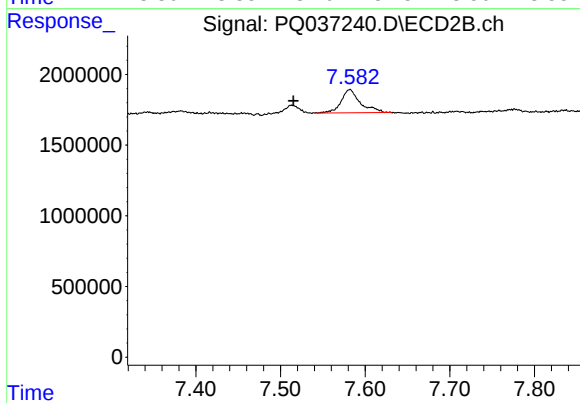
#40 AR-1262-5

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



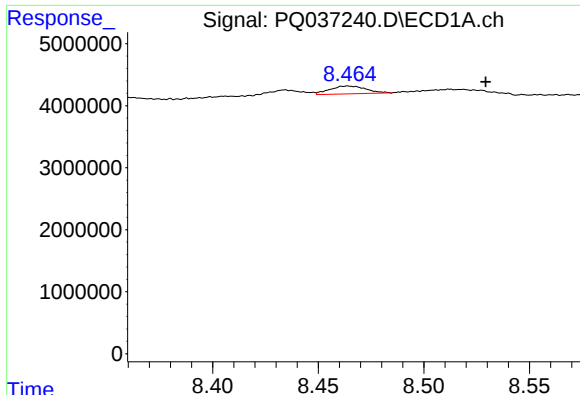
#41 AR-1268-1

R.T.: 8.435 min
Delta R.T.: -0.003 min
Response: 1047638
Conc: 1.37 ng/ml



#41 AR-1268-1

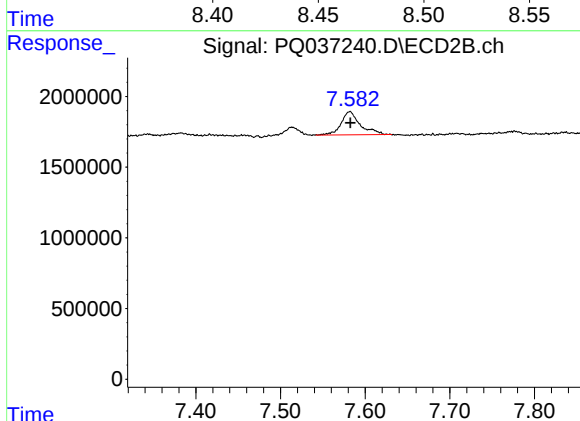
R.T.: 7.582 min
Delta R.T.: 0.067 min
Response: 2578291
Conc: 7.19 ng/ml



#42 AR-1268-2

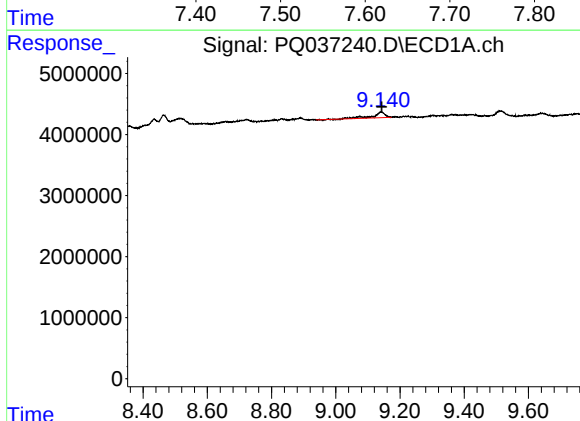
R.T.: 8.464 min
Delta R.T.: -0.065 min
Response: 1497659
Conc: 2.13 ng/ml

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



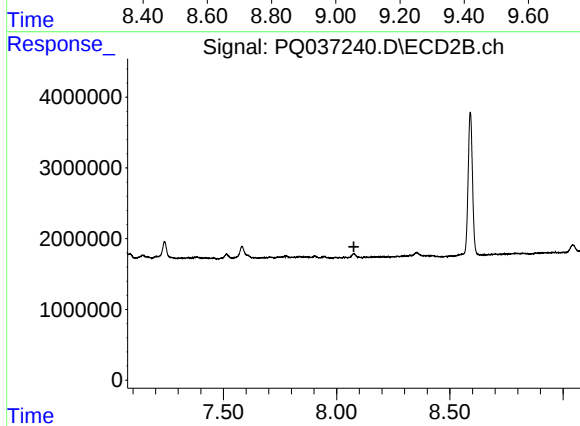
#42 AR-1268-2

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 2578291
Conc: 7.95 ng/ml



#44 AR-1268-4

R.T.: 9.141 min
Delta R.T.: -0.003 min
Response: 2385284
Conc: 10.48 ng/ml



#44 AR-1268-4

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