

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021419\
 Data File : PQ037253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2019 12:07
 Operator : SM\SJ
 Sample : K1343-29
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 13:41:02 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...	4.279	3.678	77138038	39452710	13.226	13.020
2)	SA Decachlor...	0.000	8.589	0	20094462	N.D.	9.246 #
Target Compounds							
3)	L1 AR-1016-1	0.000	4.724	0	1906710	N.D.	20.279 #
4)	L1 AR-1016-2	0.000	4.776	0	4181417	N.D.	29.734 #
5)	L1 AR-1016-3	5.549	4.971	4328505	7649043	27.133	108.826 #
6)	L1 AR-1016-4	5.609	4.971	6262236	7649043	46.430	138.203 #
7)	L1 AR-1016-5	5.935	5.132	15041504	1908164	116.081	26.421 #
9)	L2 AR-1221-2	4.582	0.000	1587519	0	22.961	N.D. #
10)	L2 AR-1221-3	4.661	0.000	2086605	0	8.574	N.D. #
11)	L3 AR-1232-1	4.661	0.000	2086605	0	21.517	N.D. #
12)	L3 AR-1232-2	5.167	4.776	18907630	4181417	379.993	76.242 #
13)	L3 AR-1232-3	0.000	4.971	0	7649043	N.D.	285.792 #
14)	L3 AR-1232-4	5.609	5.009	6262236	2288753	126.659	99.159
15)	L3 AR-1232-5	5.725	5.132	3013987	1908164	83.618	76.508
16)	L4 AR-1242-1	0.000	4.724	0	1906710	N.D.	30.648 #
17)	L4 AR-1242-2	0.000	4.776	0	4181417	N.D.	43.476 #
18)	L4 AR-1242-3	5.549	4.971	4328505	7649043	40.132	160.855 #
19)	L4 AR-1242-4	5.609	5.009	6262236	2288753	70.877	50.727 #
20)	L4 AR-1242-5	6.269	5.528	6838128	3437718	68.666	60.554
21)	L5 AR-1248-1	0.000	4.724	0	1906710	N.D.	32.042 #
22)	L5 AR-1248-2	5.725	4.971	3013987	7649043	19.128	95.422 #
23)	L5 AR-1248-3	5.935	5.009	15041504	2288753	85.328	28.237 #
24)	L5 AR-1248-4	6.269	5.132	6838128	1908164	33.571	19.480 #
25)	L5 AR-1248-5	6.269	5.528	6838128	3437718	35.342	35.645
26)	L6 AR-1254-1	6.269	5.528	6838128	3437718	11.870	8.127 #
27)	L6 AR-1254-2	6.482	5.673	6306621	4057209	6.959	11.351 #
28)	L6 AR-1254-3	6.850	6.076	7408663	3845436	7.552	6.520
29)	L6 AR-1254-4	7.128	0.000	2576468	0	3.485	N.D. #
30)	L6 AR-1254-5	7.544	6.706	8672039	5267433	11.418	11.049
31)	L7 AR-1260-1	7.001	6.195	8621664	3104411	32.944	22.049 #
32)	L7 AR-1260-2	7.255	6.385	13067903	4015578	39.289	23.110 #
33)	L7 AR-1260-3	7.611	6.533	3797757	2984706	17.700	18.673
34)	L7 AR-1260-4	7.840	6.997	5227256	2058518	21.814	19.646
35)	L7 AR-1260-5	8.147	7.240	9582167	4843690	19.300	18.853
36)	L8 AR-1262-1	7.611	6.738	3797757	2262643	8.808	10.719
37)	L8 AR-1262-2	8.147	7.240	9582167	4843690	12.925	13.338
38)	L8 AR-1262-3	8.433	7.581	2090867	3901293	6.705	27.819 #
39)	L8 AR-1262-4	8.510	7.581	4069667	3901293	11.155	15.353 #
40)	L8 AR-1262-5	9.139	0.000	2909572	0	12.843	N.D. #
41)	L9 AR-1268-1	8.433	7.581	2090867	3901293	2.733	10.872 #
42)	L9 AR-1268-2	8.510	7.581	4069667	3901293	5.799	12.027 #

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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	
44)	L9 AR-1268-4	9.139	0.000	2909572	0	12.786	N.D.	#

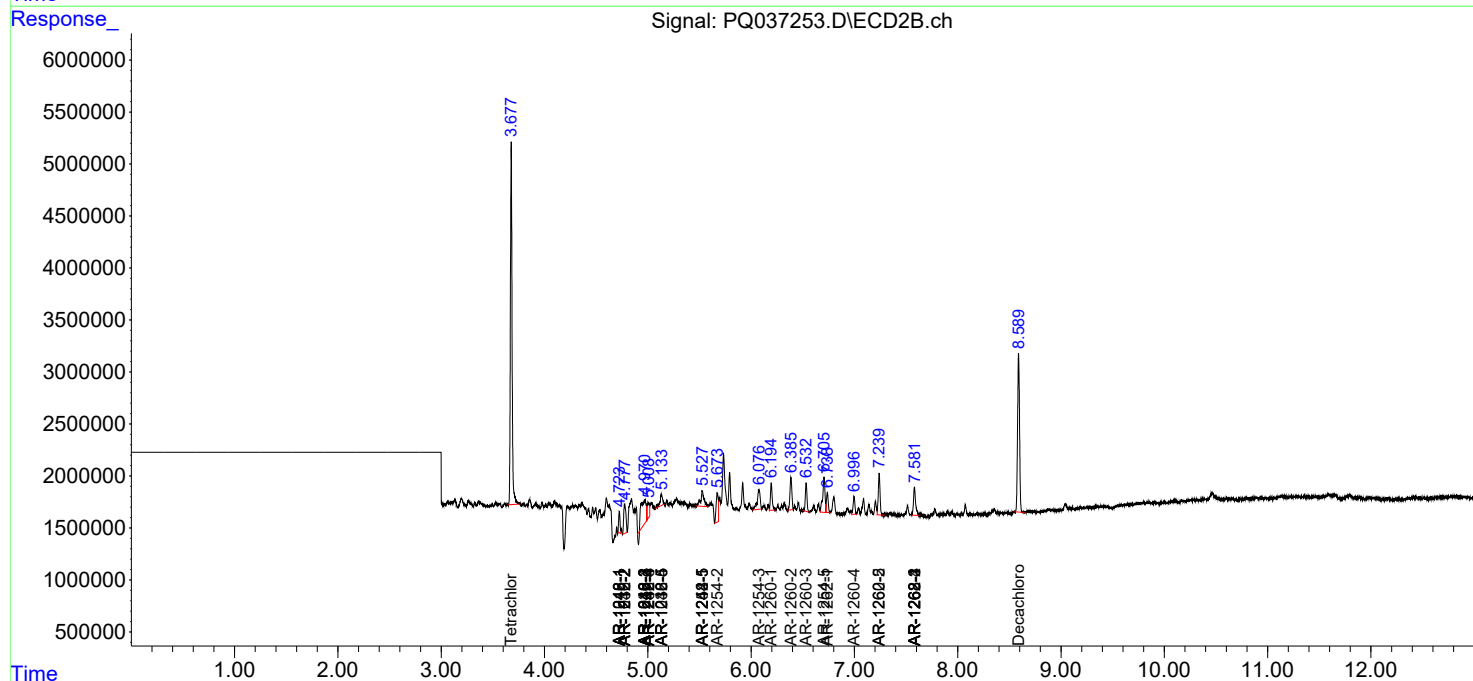
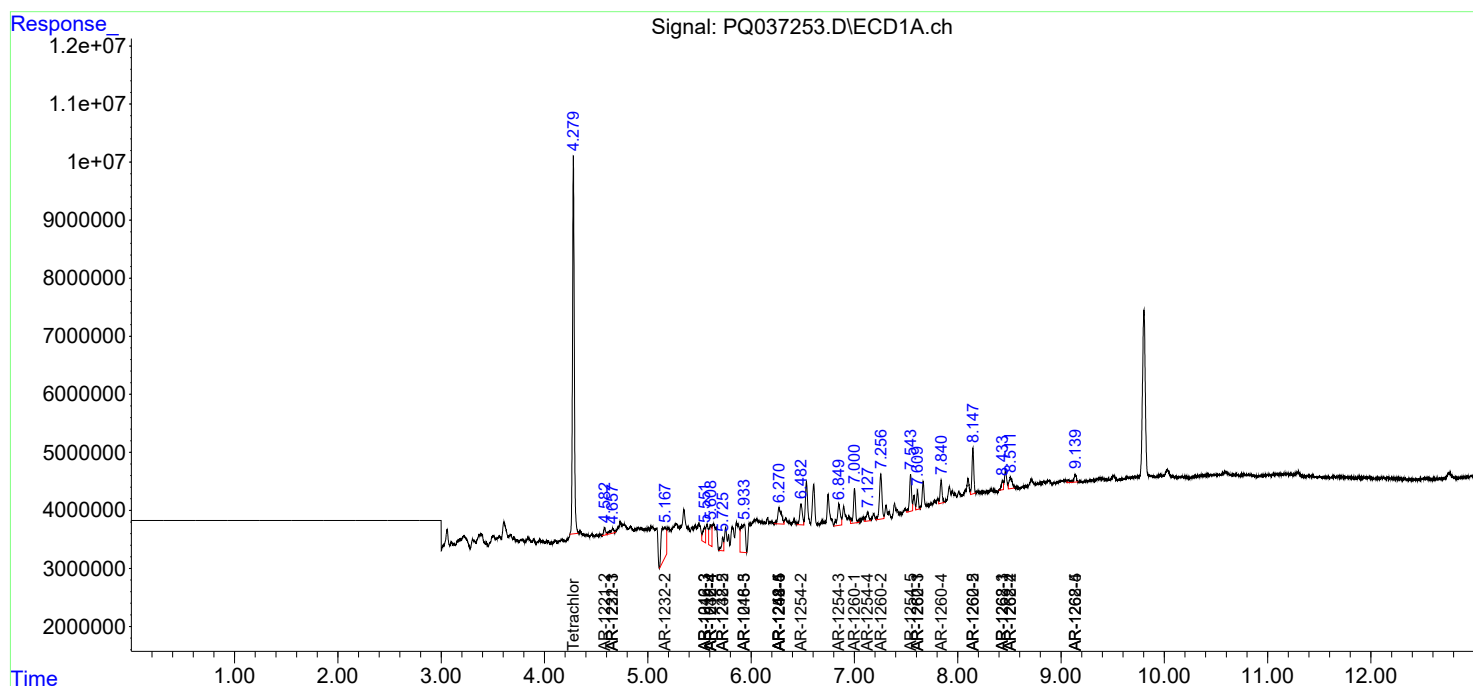
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

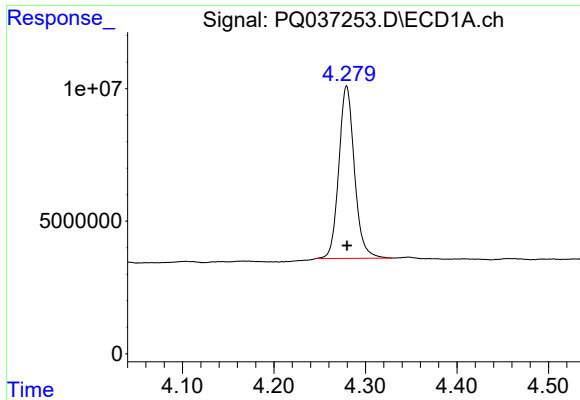
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021419\
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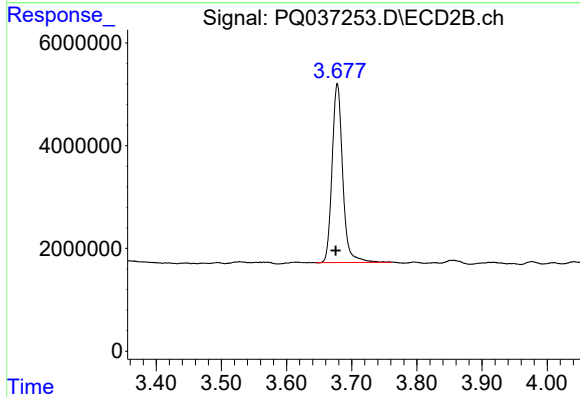




#1 Tetrachloro-m-xylene

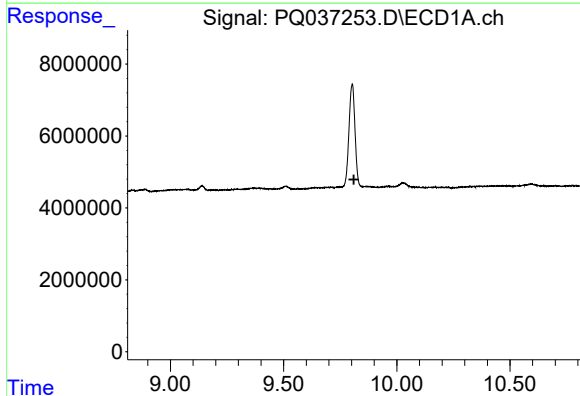
R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 77138038
Conc: 13.23 ng/ml

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



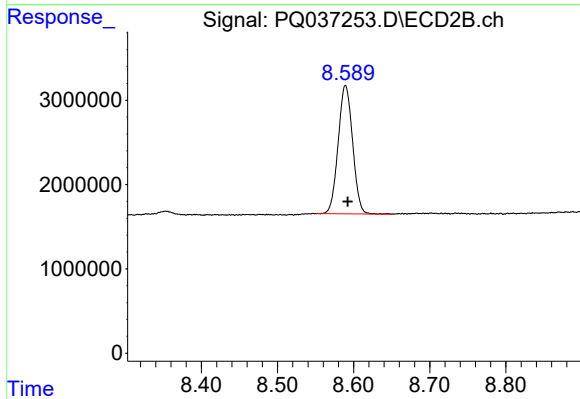
#1 Tetrachloro-m-xylene

R.T.: 3.678 min
Delta R.T.: 0.002 min
Response: 39452710
Conc: 13.02 ng/ml



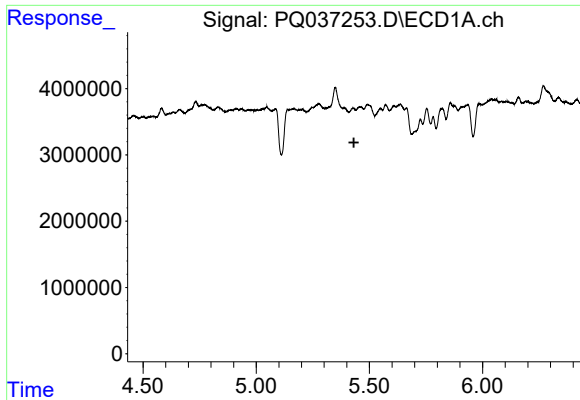
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

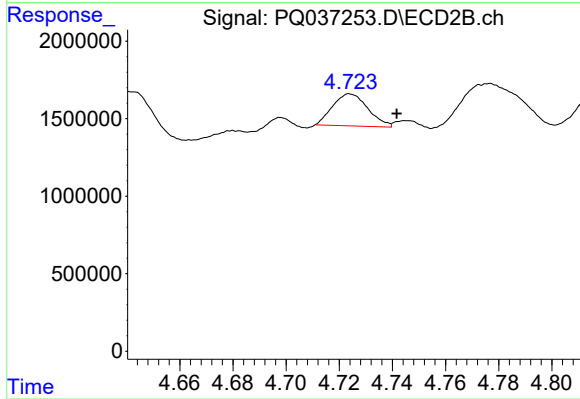
R.T.: 8.589 min
Delta R.T.: -0.003 min
Response: 20094462
Conc: 9.25 ng/ml



#3 AR-1016-1

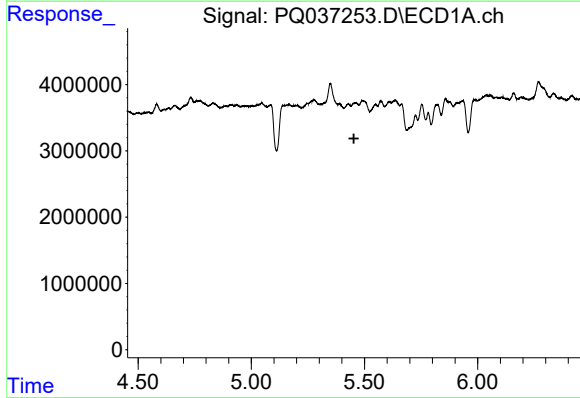
R.T.: 0.000 min
Exp R.T.: 5.432 min
Response: 0
Conc: N.D.

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



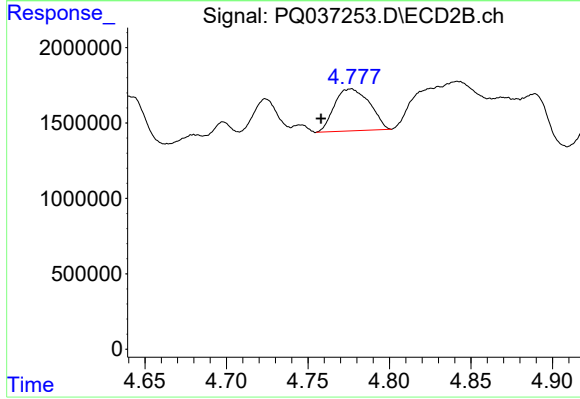
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: -0.017 min
Response: 1906710
Conc: 20.28 ng/ml



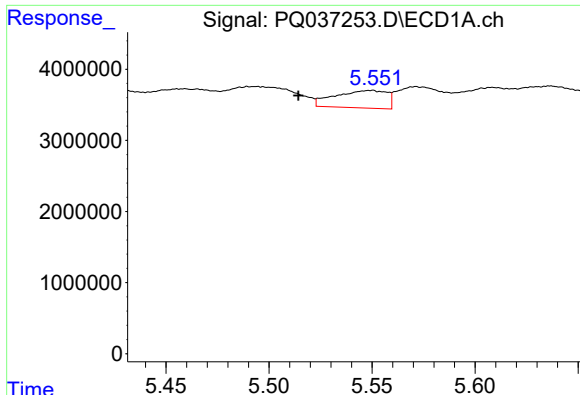
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.453 min
Response: 0
Conc: N.D.



#4 AR-1016-2

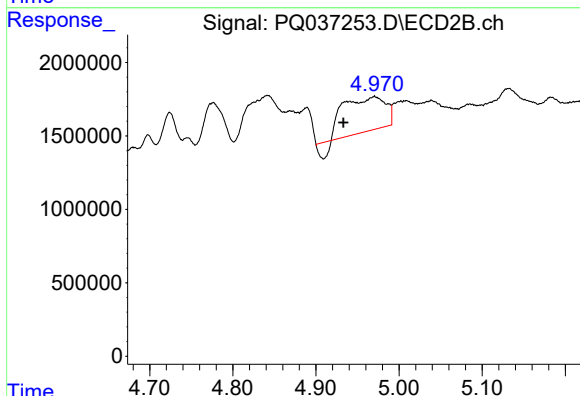
R.T.: 4.776 min
Delta R.T.: 0.019 min
Response: 4181417
Conc: 29.73 ng/ml



#5 AR-1016-3

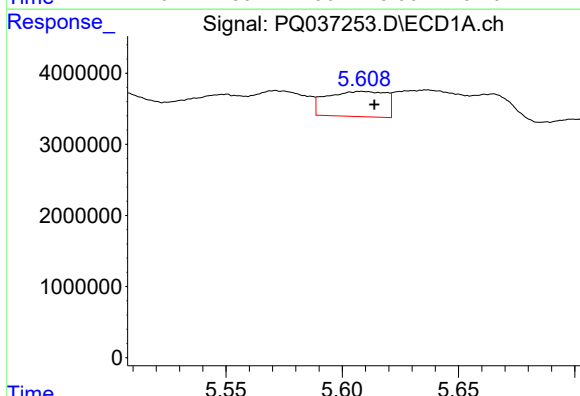
R.T.: 5.549 min
Delta R.T.: 0.035 min
Response: 4328505
Conc: 27.13 ng/ml

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



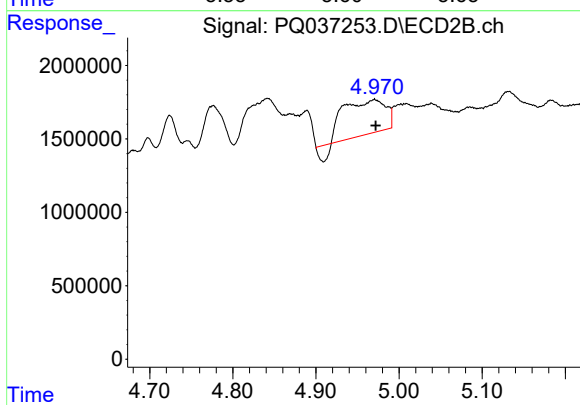
#5 AR-1016-3

R.T.: 4.971 min
Delta R.T.: 0.038 min
Response: 7649043
Conc: 108.83 ng/ml



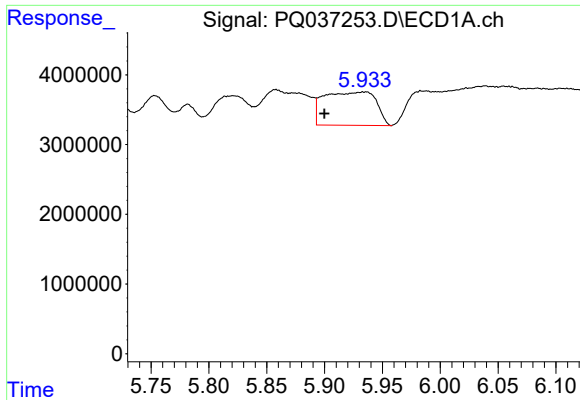
#6 AR-1016-4

R.T.: 5.609 min
Delta R.T.: -0.005 min
Response: 6262236
Conc: 46.43 ng/ml



#6 AR-1016-4

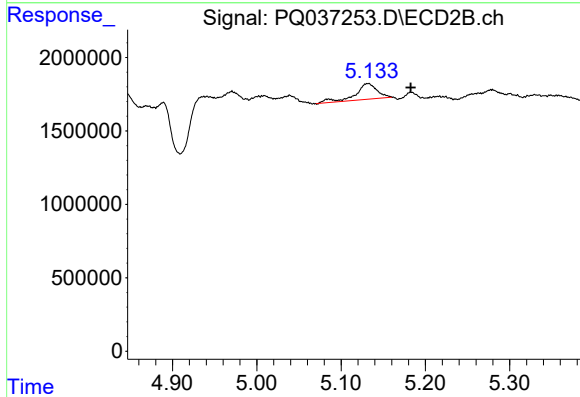
R.T.: 4.971 min
Delta R.T.: -0.001 min
Response: 7649043
Conc: 138.20 ng/ml



#7 AR-1016-5

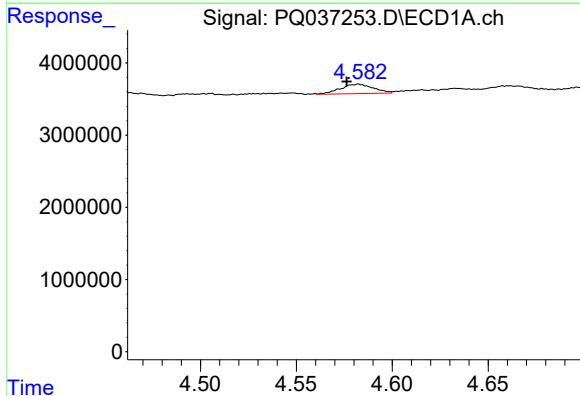
R.T.: 5.935 min
Delta R.T.: 0.036 min
Response: 15041504
Conc: 116.08 ng/ml

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



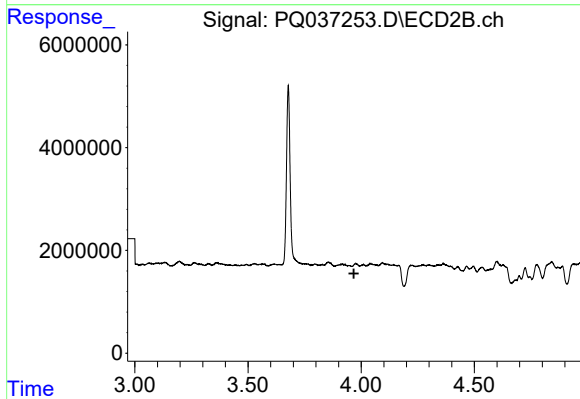
#7 AR-1016-5

R.T.: 5.132 min
Delta R.T.: -0.051 min
Response: 1908164
Conc: 26.42 ng/ml



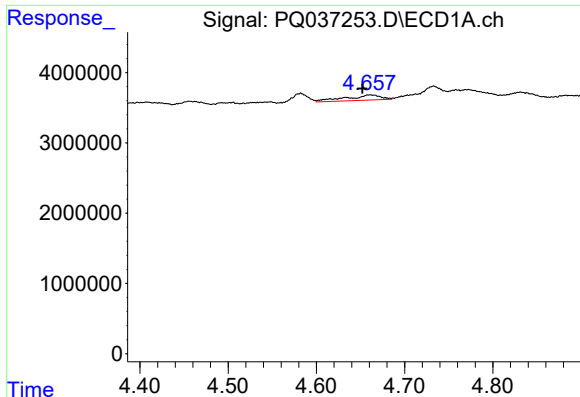
#9 AR-1221-2

R.T.: 4.582 min
Delta R.T.: 0.006 min
Response: 1587519
Conc: 22.96 ng/ml



#9 AR-1221-2

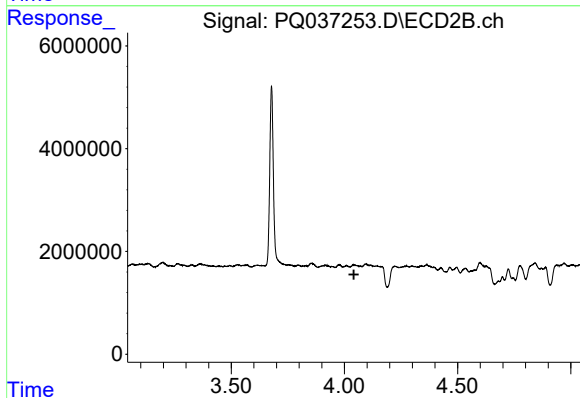
R.T.: 0.000 min
Exp R.T.: 3.968 min
Response: 0
Conc: N.D.



#10 AR-1221-3

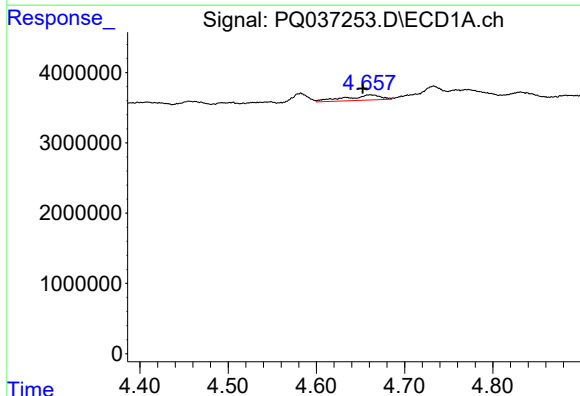
R.T.: 4.661 min
Delta R.T.: 0.008 min
Response: 2086605
Conc: 8.57 ng/ml

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



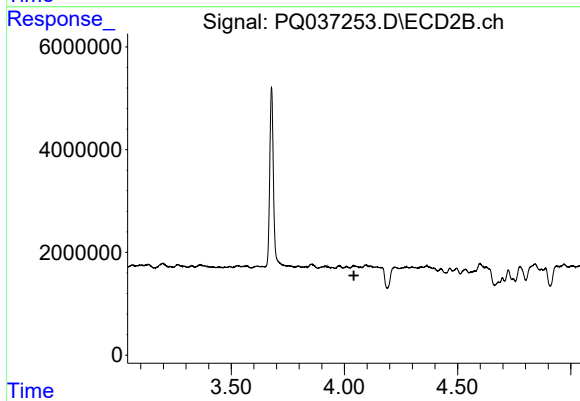
#10 AR-1221-3

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



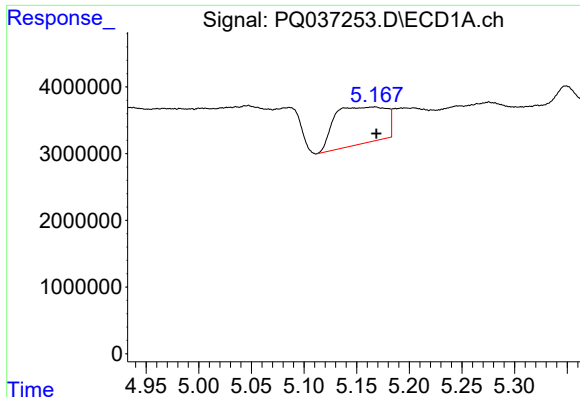
#11 AR-1232-1

R.T.: 4.661 min
Delta R.T.: 0.008 min
Response: 2086605
Conc: 21.52 ng/ml



#11 AR-1232-1

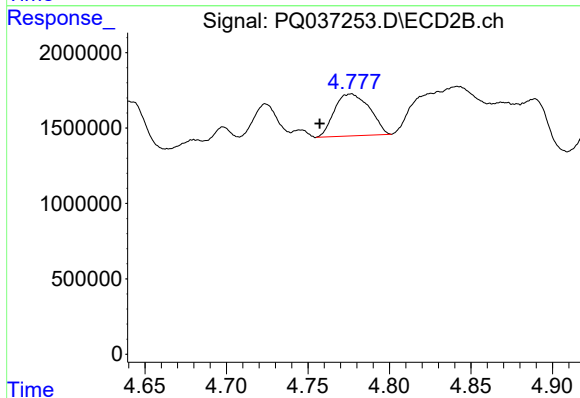
R.T.: 0.000 min
Exp R.T. : 4.042 min
Response: 0
Conc: N.D.



#12 AR-1232-2

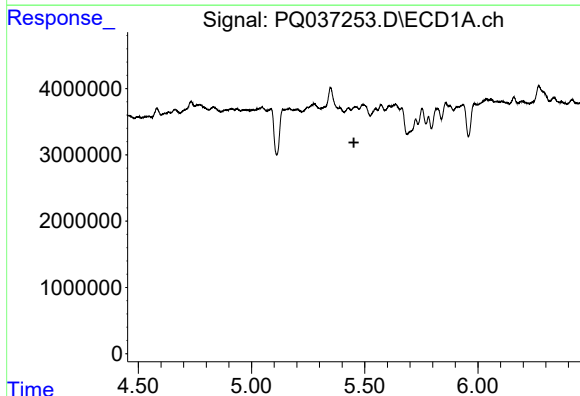
R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 18907630
Conc: 379.99 ng/ml

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



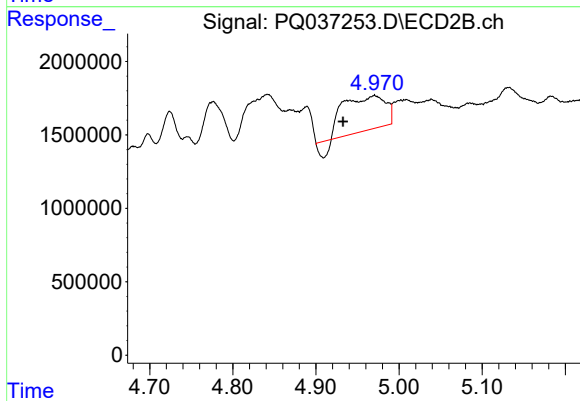
#12 AR-1232-2

R.T.: 4.776 min
Delta R.T.: 0.019 min
Response: 4181417
Conc: 76.24 ng/ml



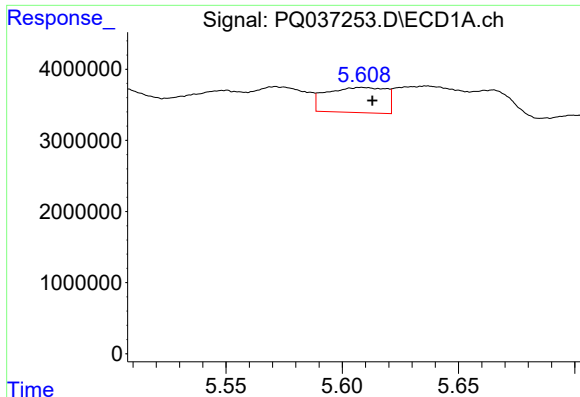
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.452 min
Response: 0
Conc: N.D.



#13 AR-1232-3

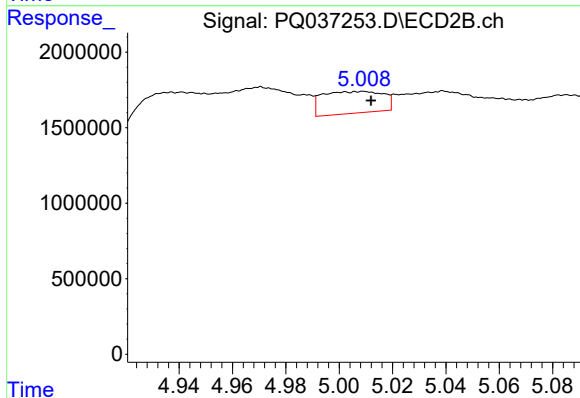
R.T.: 4.971 min
Delta R.T.: 0.038 min
Response: 7649043
Conc: 285.79 ng/ml



#14 AR-1232-4

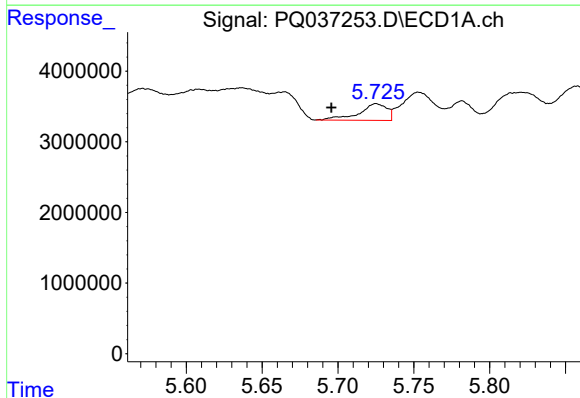
R.T.: 5.609 min
Delta R.T.: -0.004 min
Response: 6262236
Conc: 126.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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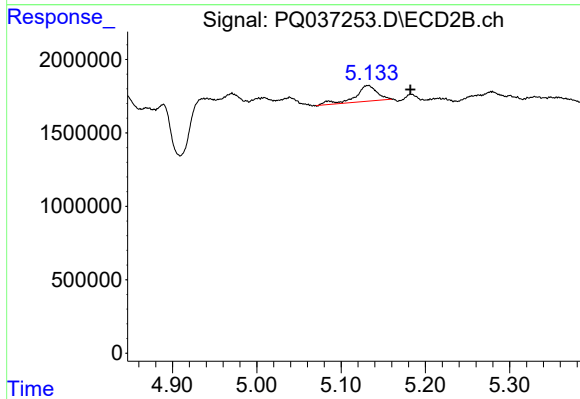
#14 AR-1232-4

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 2288753
Conc: 99.16 ng/ml



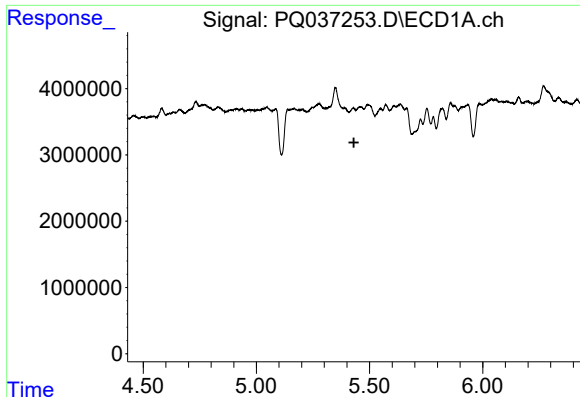
#15 AR-1232-5

R.T.: 5.725 min
Delta R.T.: 0.029 min
Response: 3013987
Conc: 83.62 ng/ml



#15 AR-1232-5

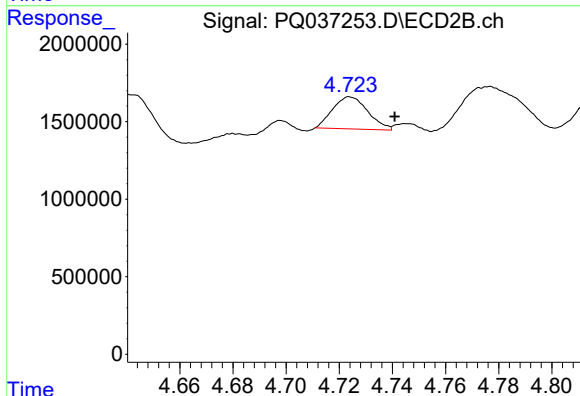
R.T.: 5.132 min
Delta R.T.: -0.050 min
Response: 1908164
Conc: 76.51 ng/ml



#16 AR-1242-1

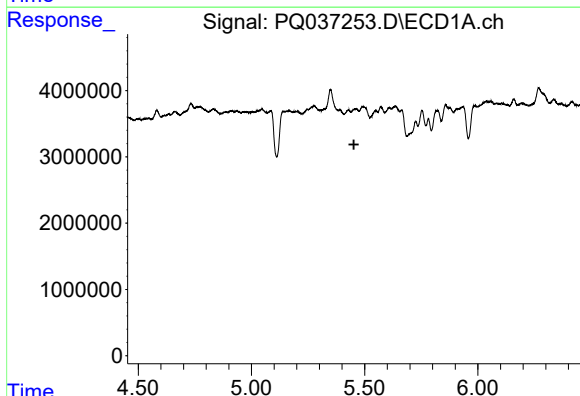
R.T.: 0.000 min
Exp R.T.: 5.431 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
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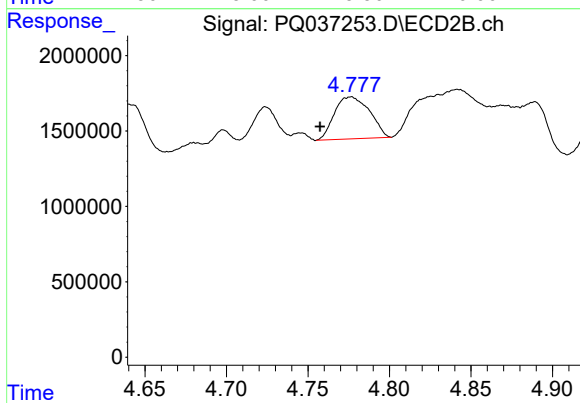
#16 AR-1242-1

R.T.: 4.724 min
Delta R.T.: -0.017 min
Response: 1906710
Conc: 30.65 ng/ml



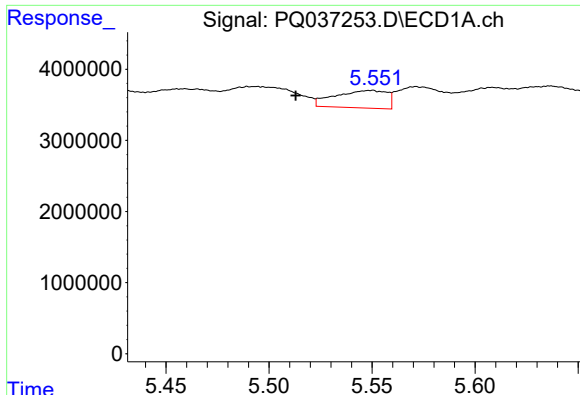
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.452 min
Response: 0
Conc: N.D.



#17 AR-1242-2

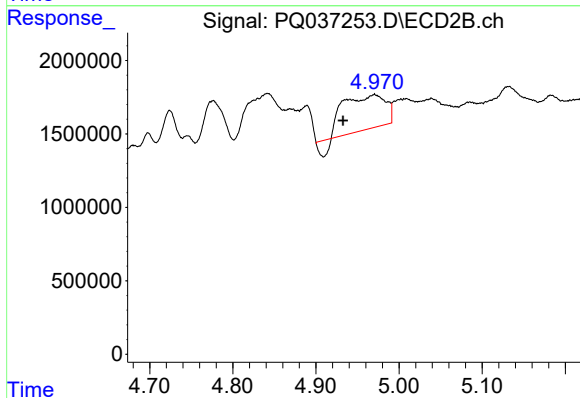
R.T.: 4.776 min
Delta R.T.: 0.019 min
Response: 4181417
Conc: 43.48 ng/ml



#18 AR-1242-3

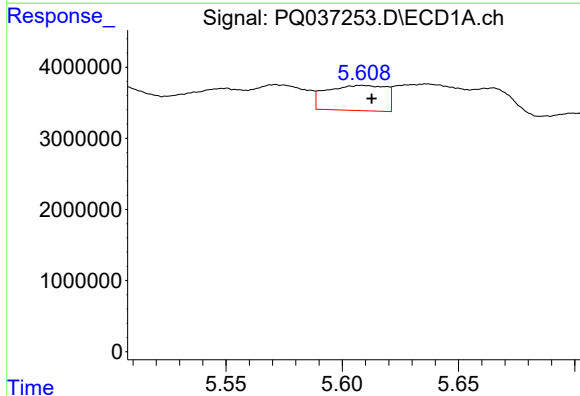
R.T.: 5.549 min
Delta R.T.: 0.037 min
Response: 4328505
Conc: 40.13 ng/ml

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



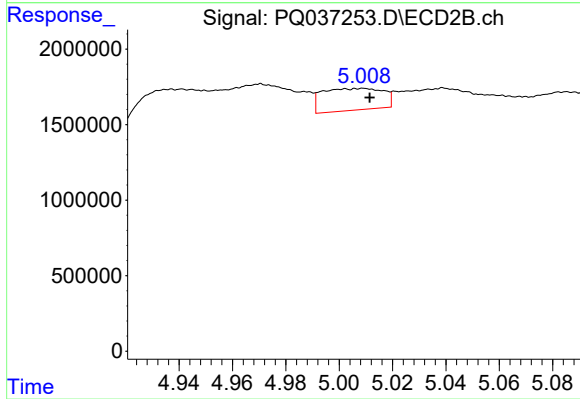
#18 AR-1242-3

R.T.: 4.971 min
Delta R.T.: 0.038 min
Response: 7649043
Conc: 160.86 ng/ml



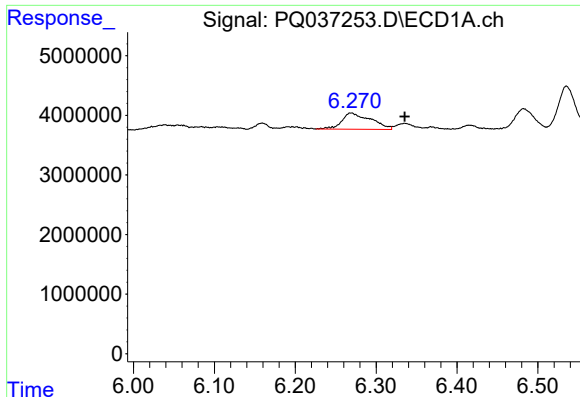
#19 AR-1242-4

R.T.: 5.609 min
Delta R.T.: -0.004 min
Response: 6262236
Conc: 70.88 ng/ml



#19 AR-1242-4

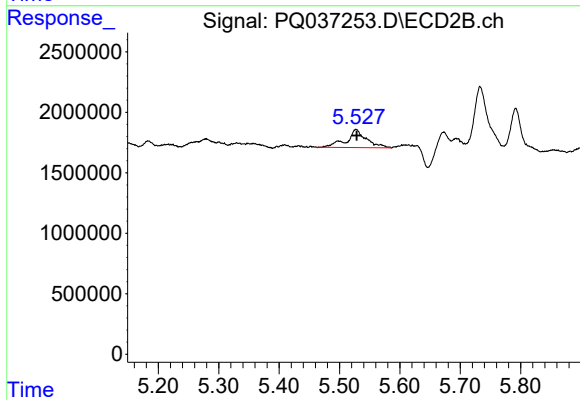
R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 2288753
Conc: 50.73 ng/ml



#20 AR-1242-5

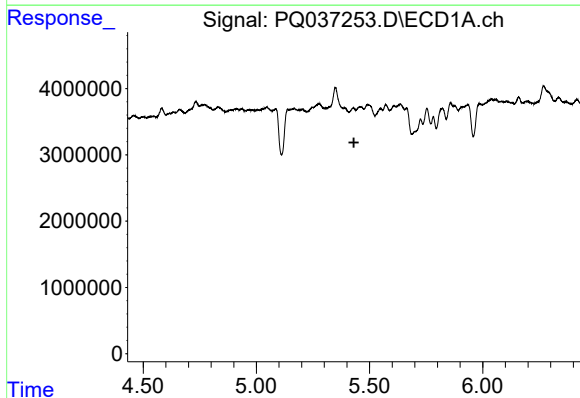
R.T.: 6.269 min
Delta R.T.: -0.066 min
Response: 6838128
Conc: 68.67 ng/ml

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



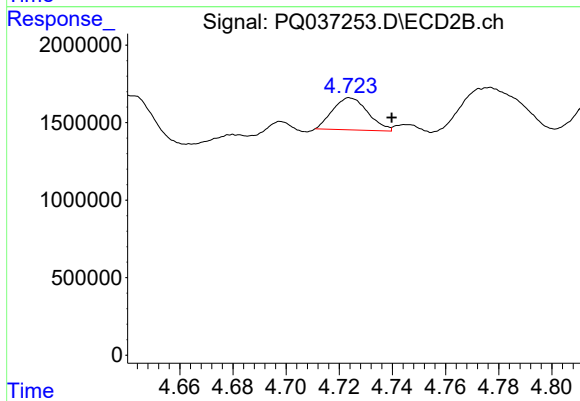
#20 AR-1242-5

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 3437718
Conc: 60.55 ng/ml



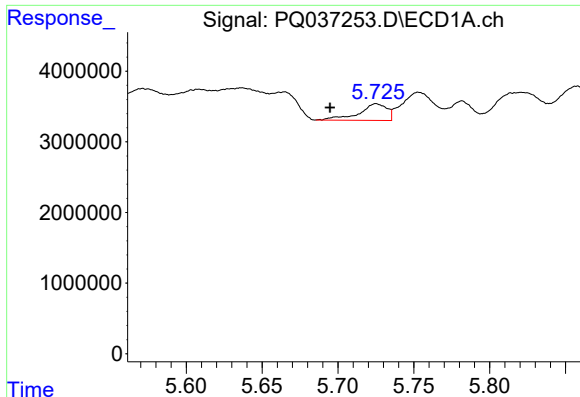
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.431 min
Response: 0
Conc: N.D.



#21 AR-1248-1

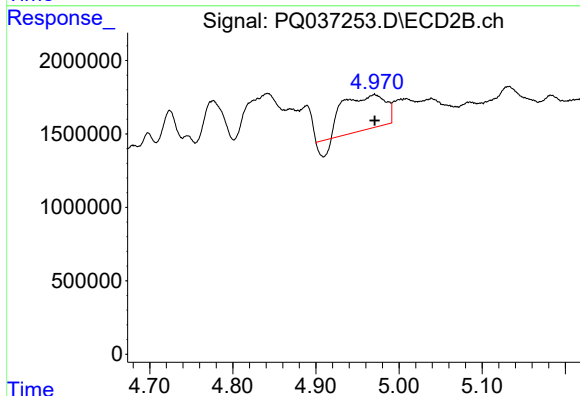
R.T.: 4.724 min
Delta R.T.: -0.016 min
Response: 1906710
Conc: 32.04 ng/ml



#22 AR-1248-2

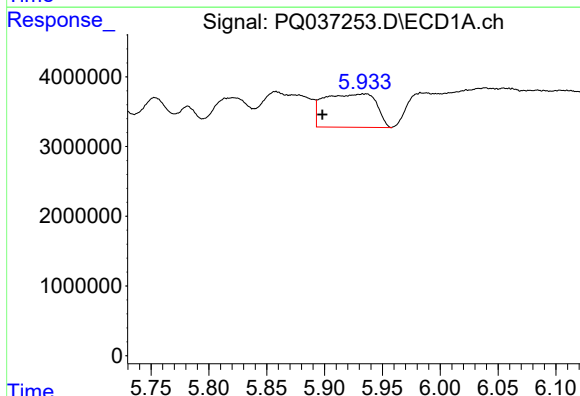
R.T.: 5.725 min
Delta R.T.: 0.030 min
Response: 3013987
Conc: 19.13 ng/ml

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



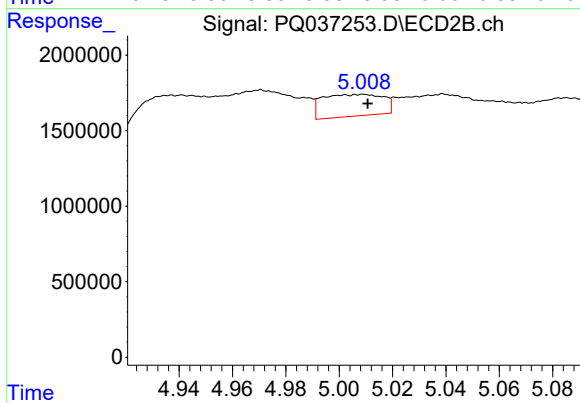
#22 AR-1248-2

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 7649043
Conc: 95.42 ng/ml



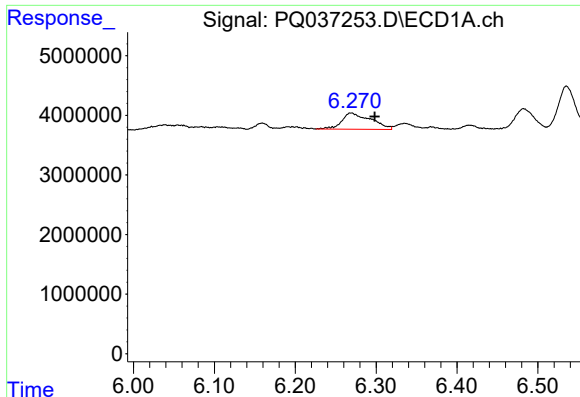
#23 AR-1248-3

R.T.: 5.935 min
Delta R.T.: 0.037 min
Response: 15041504
Conc: 85.33 ng/ml



#23 AR-1248-3

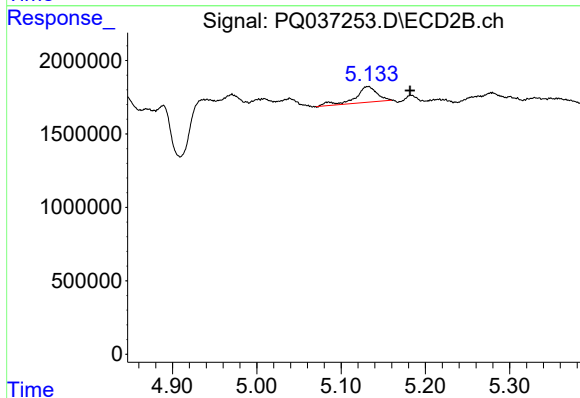
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 2288753
Conc: 28.24 ng/ml



#24 AR-1248-4

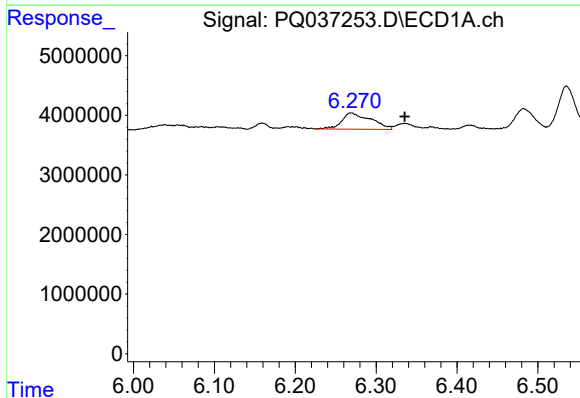
R.T.: 6.269 min
Delta R.T.: -0.029 min
Response: 6838128
Conc: 33.57 ng/ml

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



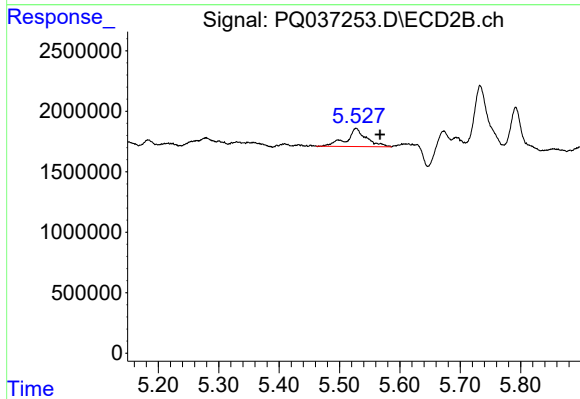
#24 AR-1248-4

R.T.: 5.132 min
Delta R.T.: -0.050 min
Response: 1908164
Conc: 19.48 ng/ml



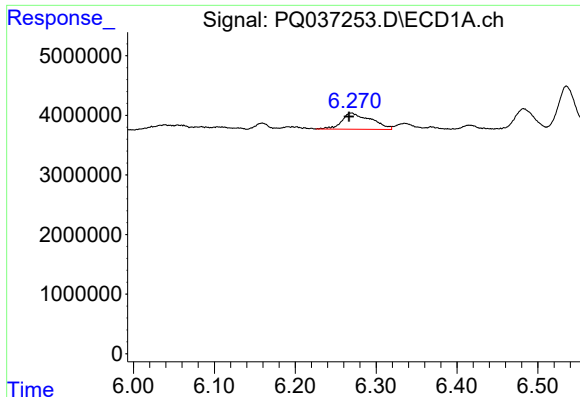
#25 AR-1248-5

R.T.: 6.269 min
Delta R.T.: -0.066 min
Response: 6838128
Conc: 35.34 ng/ml



#25 AR-1248-5

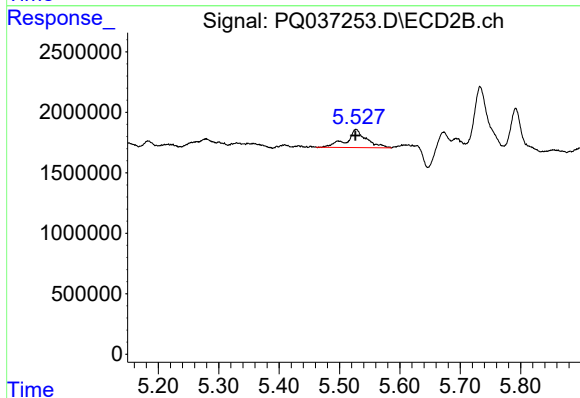
R.T.: 5.528 min
Delta R.T.: -0.040 min
Response: 3437718
Conc: 35.64 ng/ml



#26 AR-1254-1

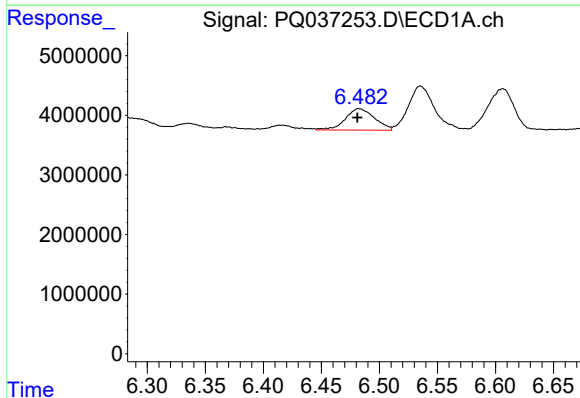
R.T.: 6.269 min
Delta R.T.: 0.002 min
Response: 6838128
Conc: 11.87 ng/ml

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



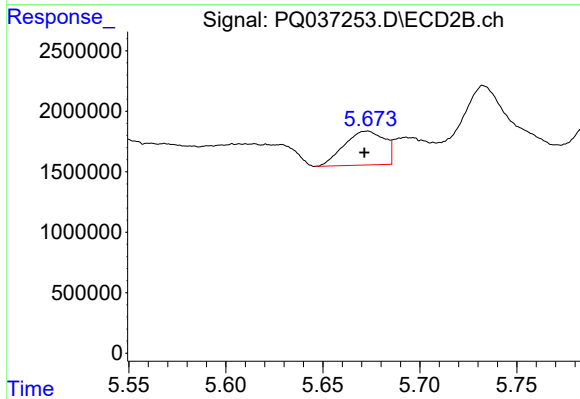
#26 AR-1254-1

R.T.: 5.528 min
Delta R.T.: 0.001 min
Response: 3437718
Conc: 8.13 ng/ml



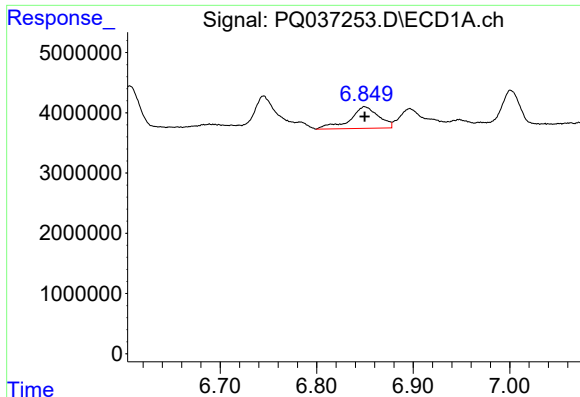
#27 AR-1254-2

R.T.: 6.482 min
Delta R.T.: 0.002 min
Response: 6306621
Conc: 6.96 ng/ml



#27 AR-1254-2

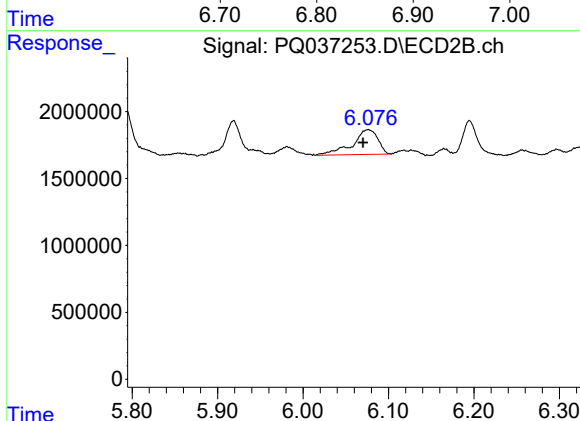
R.T.: 5.673 min
Delta R.T.: 0.001 min
Response: 4057209
Conc: 11.35 ng/ml



#28 AR-1254-3

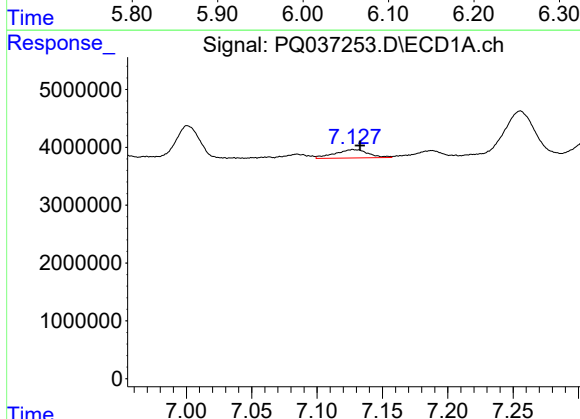
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 7408663
Conc: 7.55 ng/ml

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



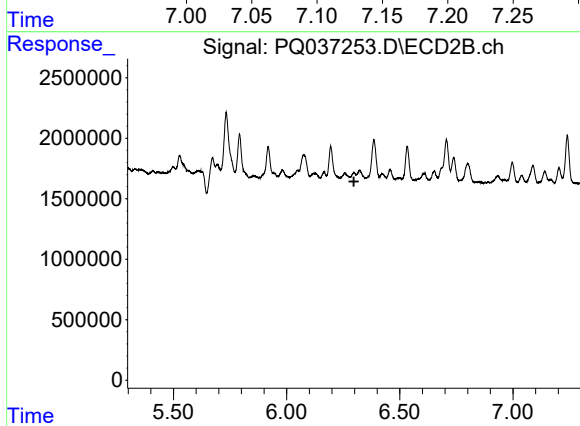
#28 AR-1254-3

R.T.: 6.076 min
Delta R.T.: 0.006 min
Response: 3845436
Conc: 6.52 ng/ml



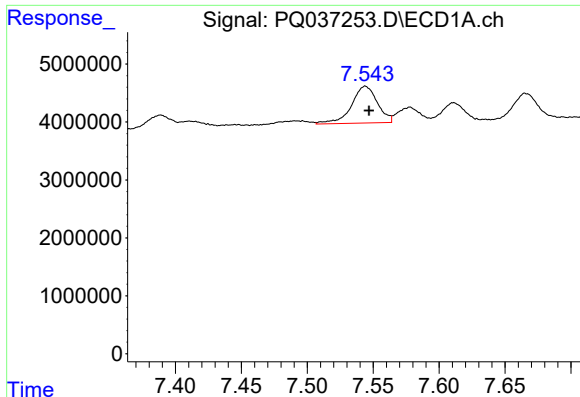
#29 AR-1254-4

R.T.: 7.128 min
Delta R.T.: -0.005 min
Response: 2576468
Conc: 3.48 ng/ml



#29 AR-1254-4

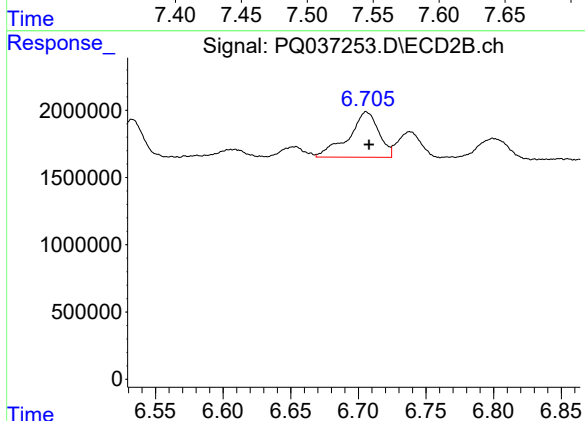
R.T.: 0.000 min
Exp R.T.: 6.297 min
Response: 0
Conc: N.D.



#30 AR-1254-5

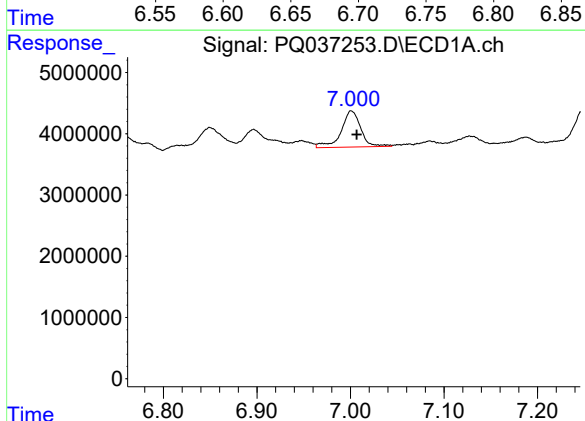
R.T.: 7.544 min
Delta R.T.: -0.003 min
Response: 8672039
Conc: 11.42 ng/ml

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



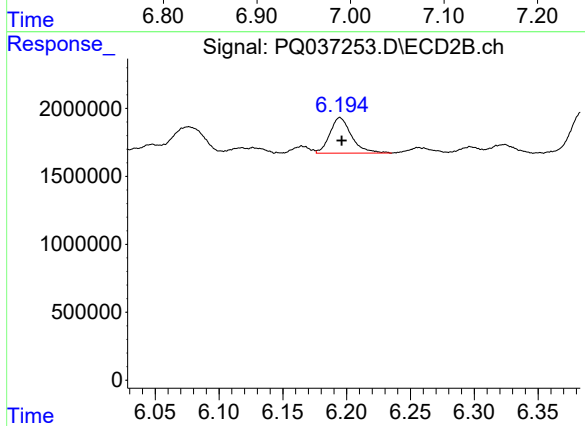
#30 AR-1254-5

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 5267433
Conc: 11.05 ng/ml



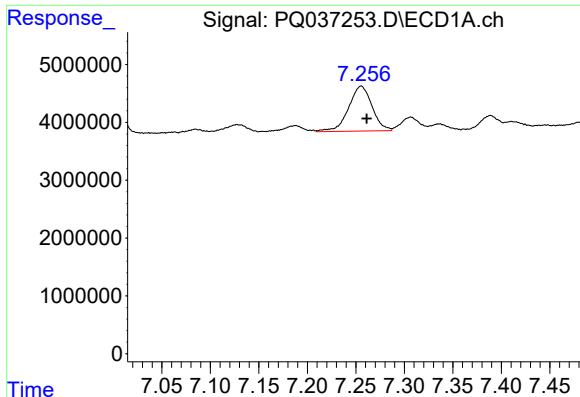
#31 AR-1260-1

R.T.: 7.001 min
Delta R.T.: -0.006 min
Response: 8621664
Conc: 32.94 ng/ml



#31 AR-1260-1

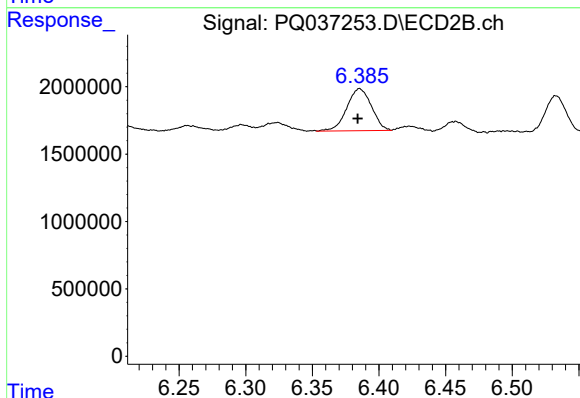
R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 3104411
Conc: 22.05 ng/ml



#32 AR-1260-2

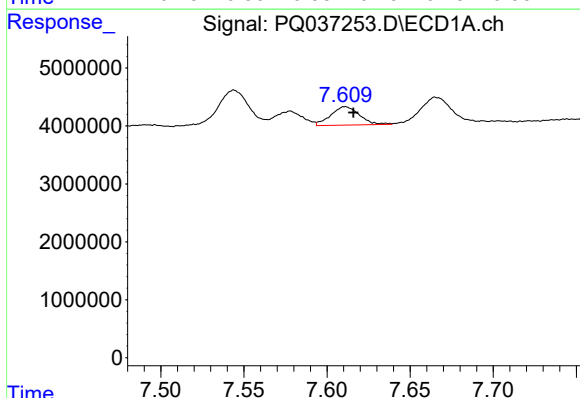
R.T.: 7.255 min
Delta R.T.: -0.006 min
Response: 13067903
Conc: 39.29 ng/ml

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



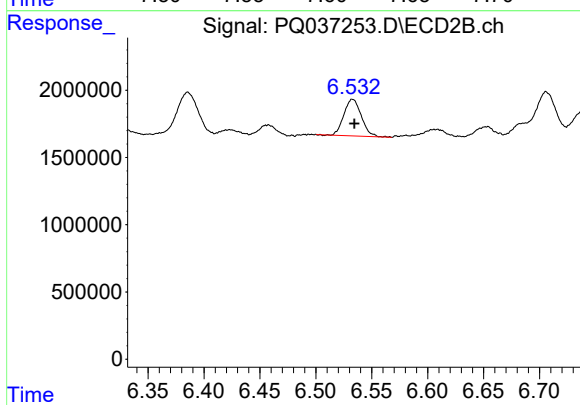
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 4015578
Conc: 23.11 ng/ml



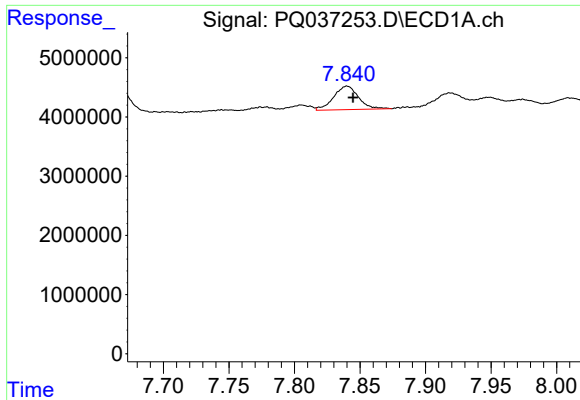
#33 AR-1260-3

R.T.: 7.611 min
Delta R.T.: -0.005 min
Response: 3797757
Conc: 17.70 ng/ml



#33 AR-1260-3

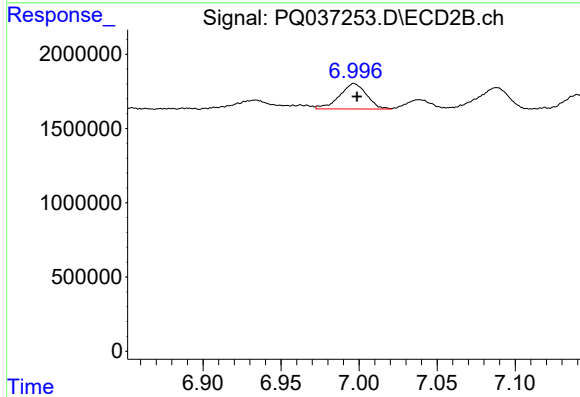
R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 2984706
Conc: 18.67 ng/ml



#34 AR-1260-4

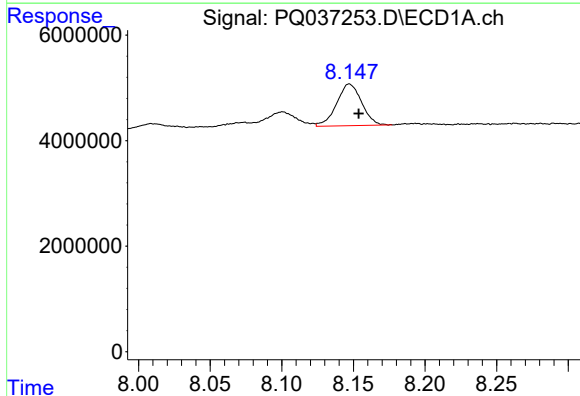
R.T.: 7.840 min
Delta R.T.: -0.005 min
Response: 5227256
Conc: 21.81 ng/ml

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



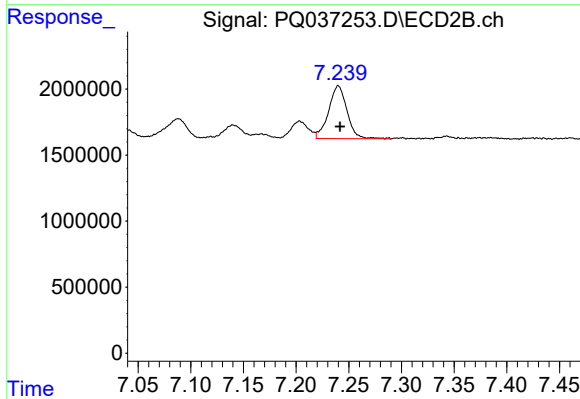
#34 AR-1260-4

R.T.: 6.997 min
Delta R.T.: -0.002 min
Response: 2058518
Conc: 19.65 ng/ml



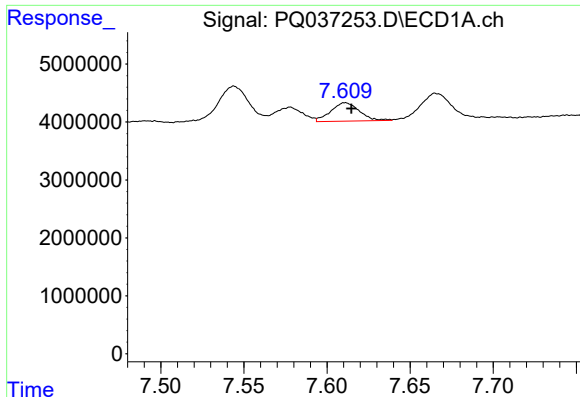
#35 AR-1260-5

R.T.: 8.147 min
Delta R.T.: -0.006 min
Response: 9582167
Conc: 19.30 ng/ml



#35 AR-1260-5

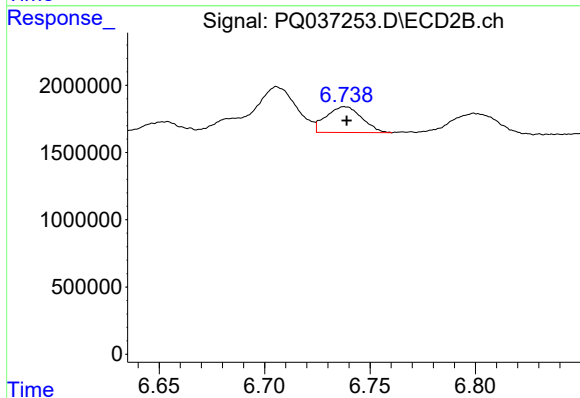
R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 4843690
Conc: 18.85 ng/ml



#36 AR-1262-1

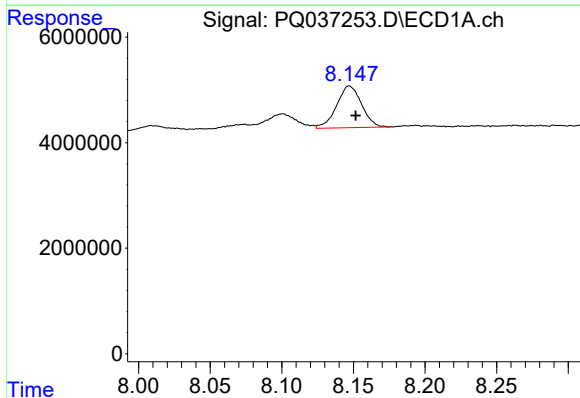
R.T.: 7.611 min
Delta R.T.: -0.004 min
Response: 3797757
Conc: 8.81 ng/ml

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



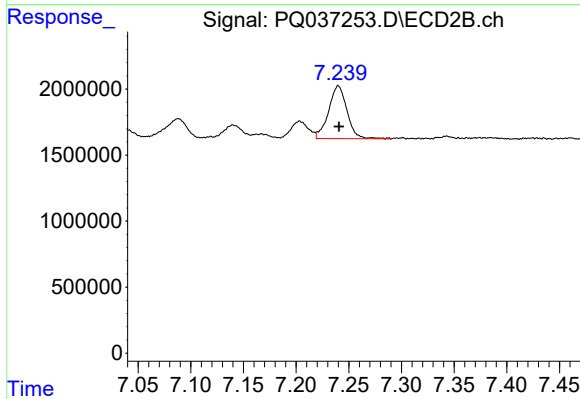
#36 AR-1262-1

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 2262643
Conc: 10.72 ng/ml



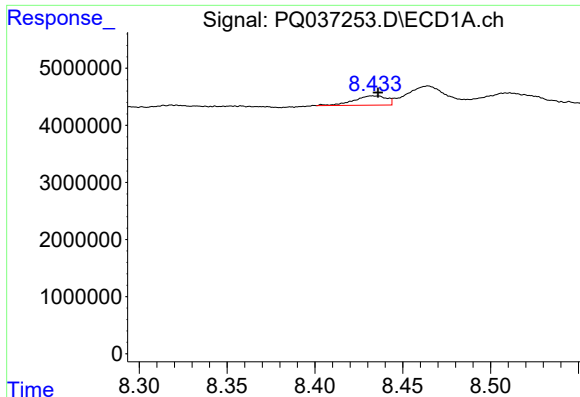
#37 AR-1262-2

R.T.: 8.147 min
Delta R.T.: -0.004 min
Response: 9582167
Conc: 12.93 ng/ml



#37 AR-1262-2

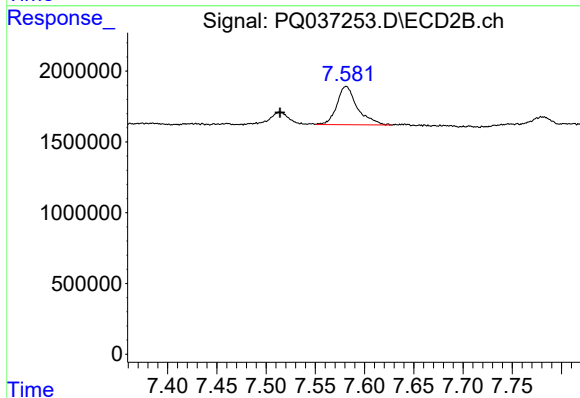
R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 4843690
Conc: 13.34 ng/ml



#38 AR-1262-3

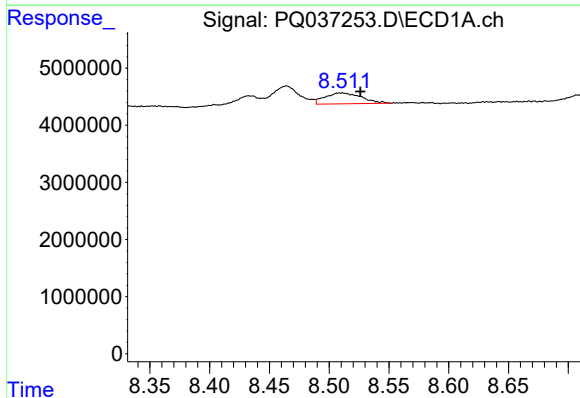
R.T.: 8.433 min
Delta R.T.: -0.003 min
Response: 2090867
Conc: 6.70 ng/ml

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



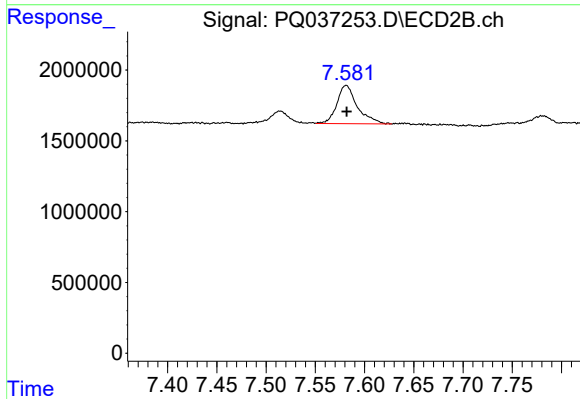
#38 AR-1262-3

R.T.: 7.581 min
Delta R.T.: 0.067 min
Response: 3901293
Conc: 27.82 ng/ml



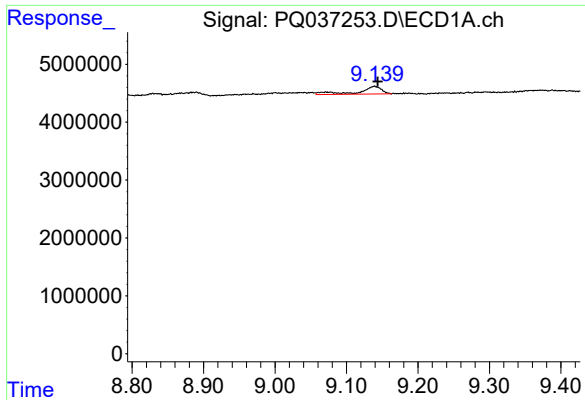
#39 AR-1262-4

R.T.: 8.510 min
Delta R.T.: -0.016 min
Response: 4069667
Conc: 11.15 ng/ml



#39 AR-1262-4

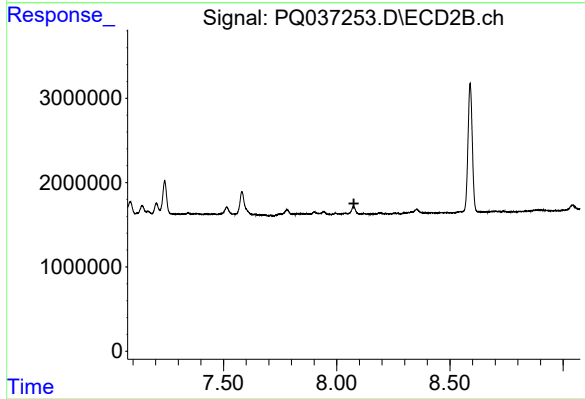
R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 3901293
Conc: 15.35 ng/ml



#40 AR-1262-5

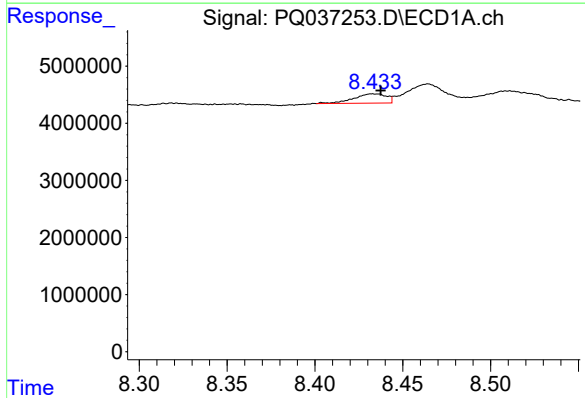
R.T.: 9.139 min
Delta R.T.: -0.005 min
Response: 2909572
Conc: 12.84 ng/ml

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



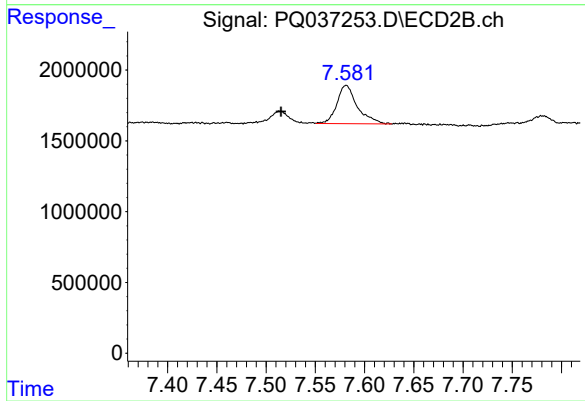
#40 AR-1262-5

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



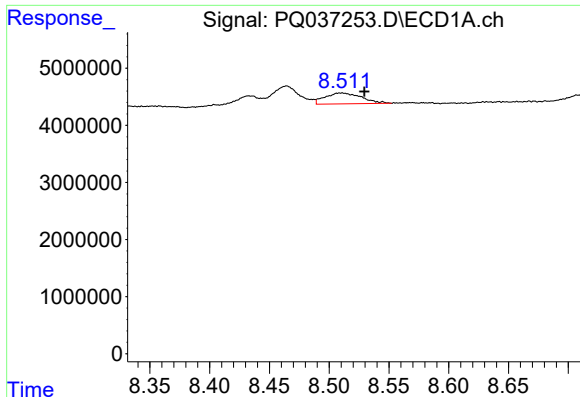
#41 AR-1268-1

R.T.: 8.433 min
Delta R.T.: -0.004 min
Response: 2090867
Conc: 2.73 ng/ml



#41 AR-1268-1

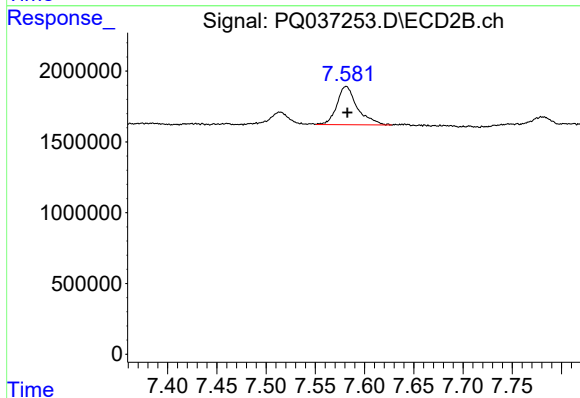
R.T.: 7.581 min
Delta R.T.: 0.066 min
Response: 3901293
Conc: 10.87 ng/ml



#42 AR-1268-2

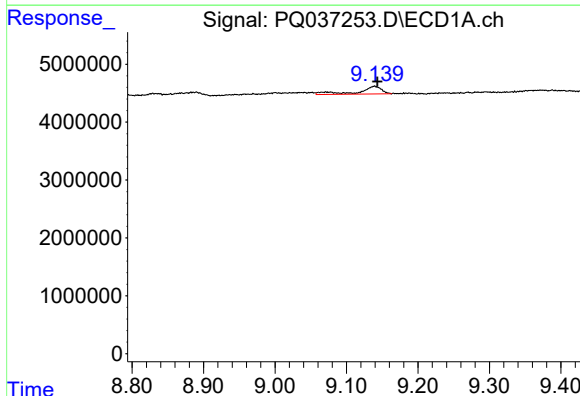
R.T.: 8.510 min
Delta R.T.: -0.019 min
Response: 4069667
Conc: 5.80 ng/ml

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



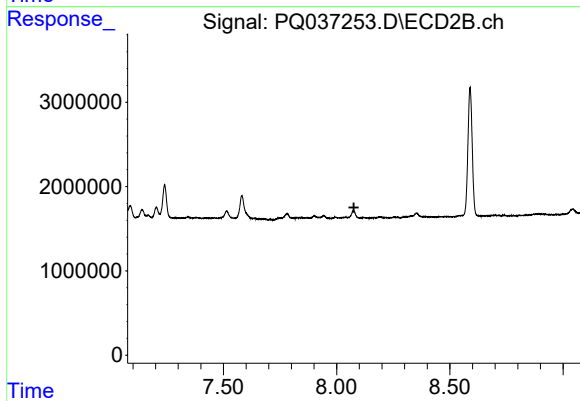
#42 AR-1268-2

R.T.: 7.581 min
Delta R.T.: -0.001 min
Response: 3901293
Conc: 12.03 ng/ml



#44 AR-1268-4

R.T.: 9.139 min
Delta R.T.: -0.005 min
Response: 2909572
Conc: 12.79 ng/ml



#44 AR-1268-4

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