

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ013019\
 Data File : PQ036859.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2019 11:21
 Operator : SM\SJ
 Sample : K1011-11RE
 Misc :
 ALS Vial : 142 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 OR-01-012519-BRE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 11:38:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 24 06:01:26 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...	4.338	3.701	177.0E6	88137616	38.462	36.785
2)	SA Decachlor...	9.929	8.636	104.2E6	32458278	28.580	17.254 #
Target Compounds							
3)	L1 AR-1016-1	5.547	4.809	6267856	1289536	44.673	17.120 #
4)	L1 AR-1016-2	5.547	4.809	6267856	1289536	29.698	11.586 #
5)	L1 AR-1016-3	5.641	4.969	6381639	10280897	51.482	182.299 #
6)	L1 AR-1016-4	5.641	5.002	6381639	19374611	64.172	428.886 #
7)	L1 AR-1016-5	5.918	5.163	12680602	6499785	128.457	111.433
9)	L2 AR-1221-2	4.644	3.999	2431126	1977247	72.212	105.346 #
10)	L2 AR-1221-3	4.722	0.000	1251220	0	11.192	N.D. #
11)	L3 AR-1232-1	4.722	0.000	1251220	0	13.439	N.D. #
12)	L3 AR-1232-2	5.202	4.809	49790081	1289536	1059.386	24.041 #
13)	L3 AR-1232-3	5.547	4.969	6267856	10280897	63.303	402.457 #
14)	L3 AR-1232-4	5.641	5.073	6381639	16032748	137.141	677.192 #
15)	L3 AR-1232-5	5.801	5.163	2374373	6499785	69.179	257.281 #
16)	L4 AR-1242-1	5.547	4.809	6267856	1289536	54.076	20.534 #
17)	L4 AR-1242-2	5.547	4.809	6267856	1289536	35.353	13.817 #
18)	L4 AR-1242-3	5.641	4.969	6381639	10280897	61.530	219.716 #
19)	L4 AR-1242-4	5.641	5.073	6381639	16032748	75.870	350.896 #
20)	L4 AR-1242-5	6.439	5.582	37939667	69421546	418.129	1240.150 #
21)	L5 AR-1248-1	5.547	4.809	6267856	1289536	69.749	26.148 #
22)	L5 AR-1248-2	5.801	5.002	2374373	19374611	19.461	298.621 #
23)	L5 AR-1248-3	5.918	5.073	12680602	16032748	92.335	241.940 #
24)	L5 AR-1248-4	6.341	5.163	169.0E6	6499785	1076.482	81.836 #
25)	L5 AR-1248-5	6.439	5.582	37939667	69421546	255.664	878.619 #
26)	L6 AR-1254-1	6.341	5.582	169.0E6	69421546	952.759	518.524 #
27)	L6 AR-1254-2	6.557	5.726	44337907	11517009	170.199	104.075 #
28)	L6 AR-1254-3	6.957	6.118	178.7E6	25761345	667.308	143.122 #
29)	L6 AR-1254-4	0.000	6.330	0	20272594	N.D.	153.631 #
30)	L6 AR-1254-5	7.646	6.742	4814671	1757116	23.583	11.700 #
31)	L7 AR-1260-1	7.074	6.253	20007355	12211844	102.728	106.382
32)	L7 AR-1260-2	7.336	6.424	21018302	49360264	91.012	351.105 #
33)	L7 AR-1260-3	7.711	6.528	2052784	1147382	14.235	8.952 #
34)	L7 AR-1260-4	7.936	0.000	173300	0	1.018	N.D. #
35)	L7 AR-1260-5	8.227	0.000	1807644	0	5.375	N.D. #
36)	L8 AR-1262-1	7.711	6.742	2052784	1757116	7.411	10.470 #
37)	L8 AR-1262-2	8.227	0.000	1807644	0	3.686	N.D. #
38)	L8 AR-1262-3	0.000	7.612	0	20109822	N.D.	179.044 #
39)	L8 AR-1262-4	0.000	7.612	0	20109822	N.D.	93.223 #
41)	L9 AR-1268-1	0.000	7.612	0	20109822	N.D.	55.327 #
42)	L9 AR-1268-2	0.000	7.612	0	20109822	N.D.	60.694 #
45)	L9 AR-1268-5	9.628	0.000	6472722	0	3.988	N.D. #

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Integration File signal 1: autoint1.e
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Quant Time: Jan 30 11:38:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jan 24 06:01:26 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
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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

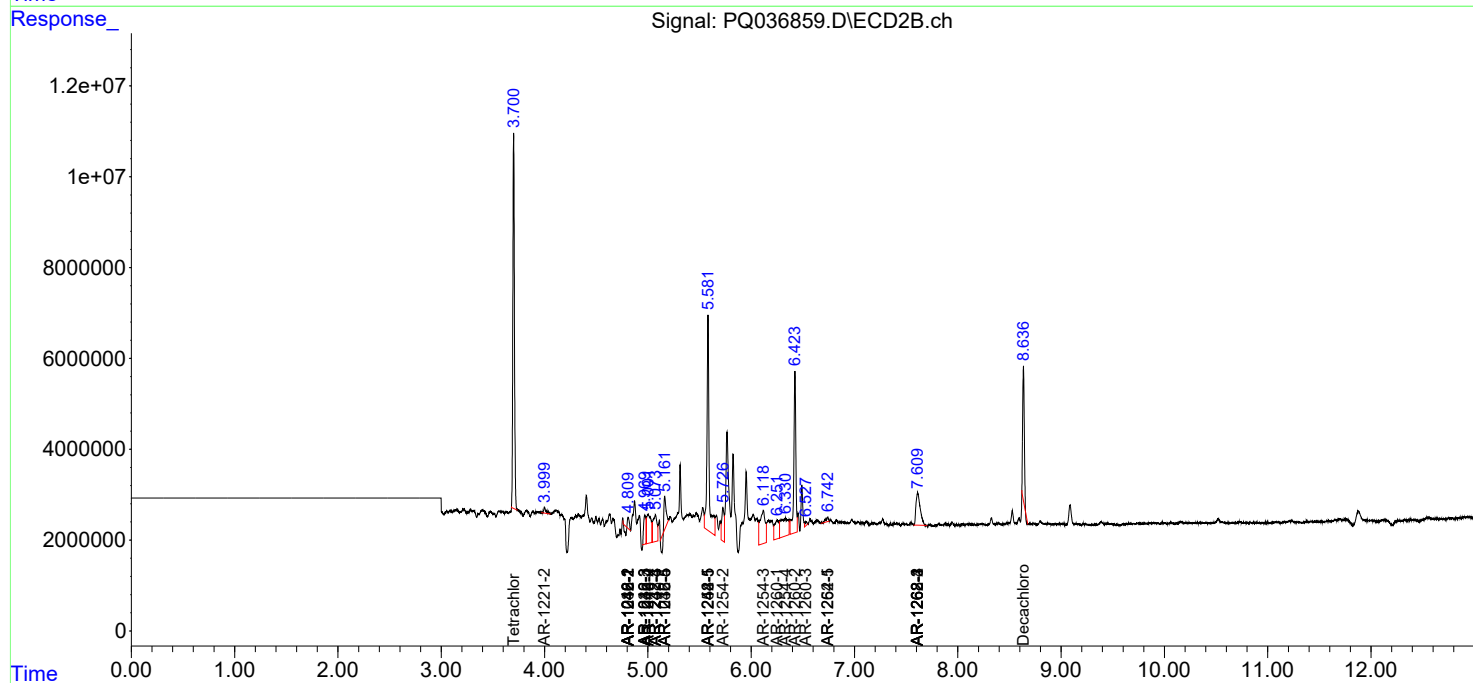
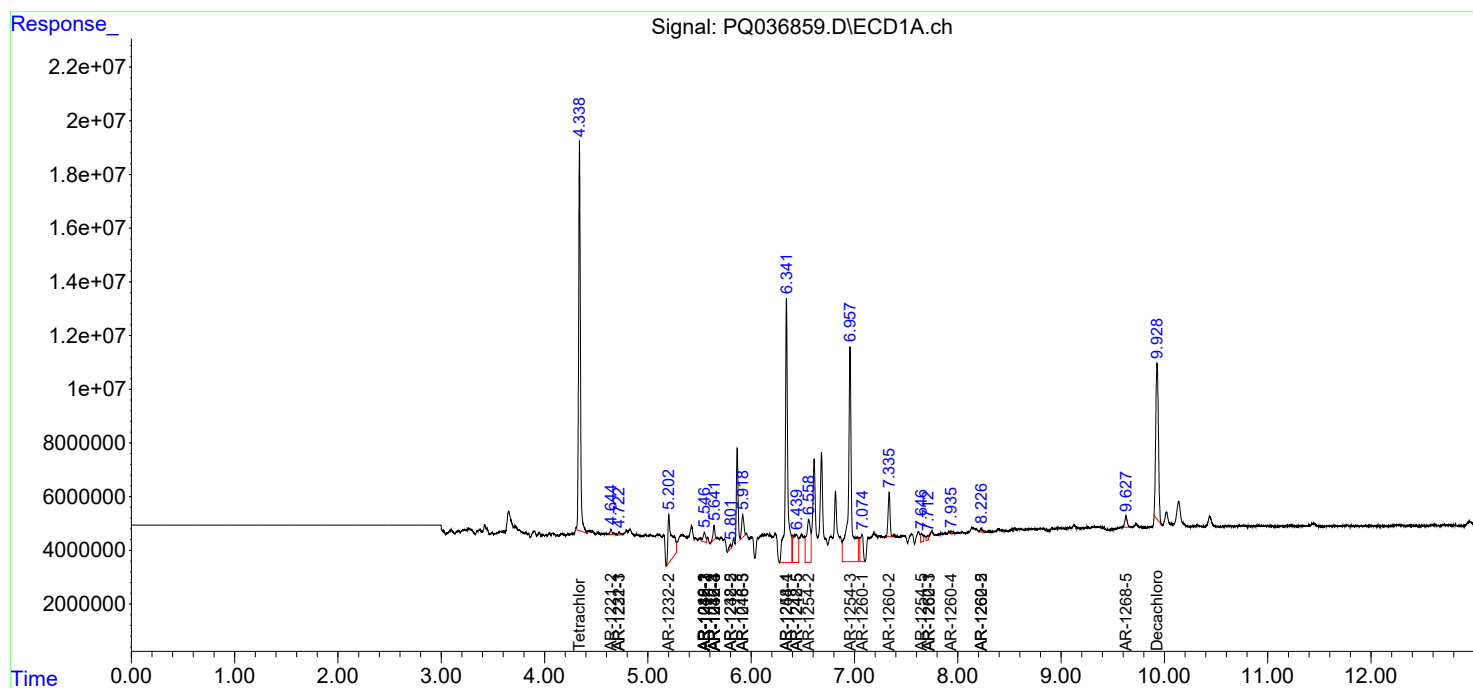
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

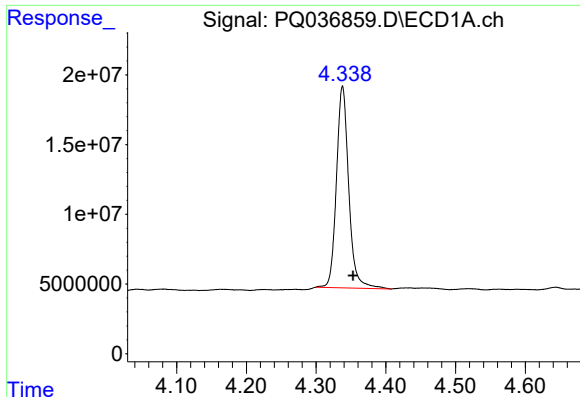
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ013019\
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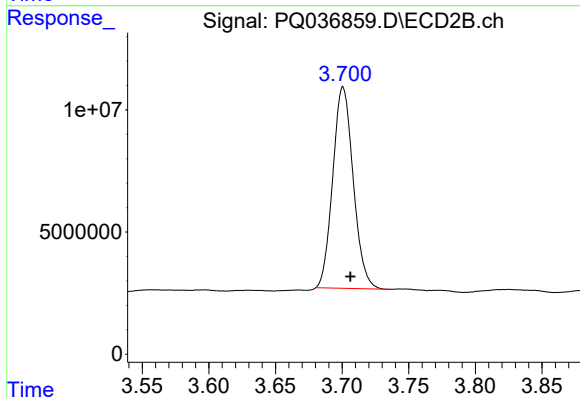




#1 Tetrachloro-m-xylene

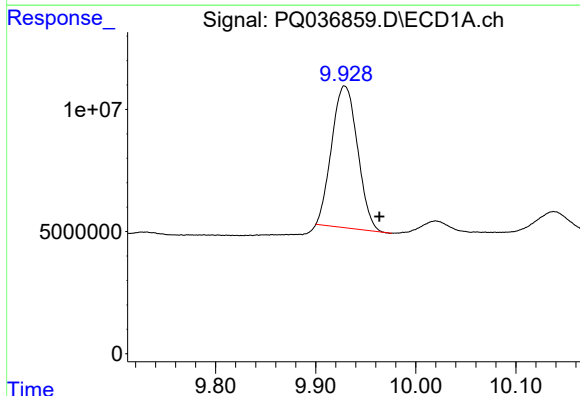
R.T.: 4.338 min
Delta R.T.: -0.015 min
Response: 177034696
Conc: 38.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



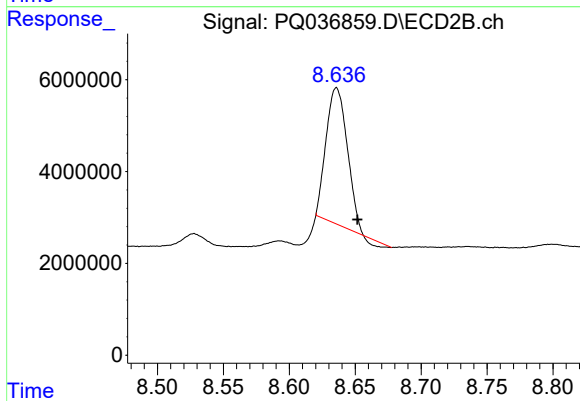
#1 Tetrachloro-m-xylene

R.T.: 3.701 min
Delta R.T.: -0.005 min
Response: 88137616
Conc: 36.79 ng/ml



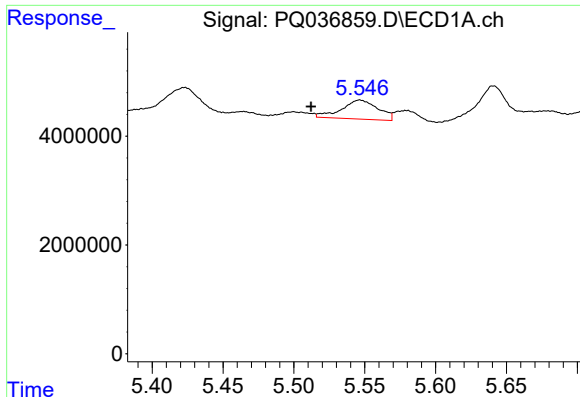
#2 Decachlorobiphenyl

R.T.: 9.929 min
Delta R.T.: -0.035 min
Response: 104194036
Conc: 28.58 ng/ml



#2 Decachlorobiphenyl

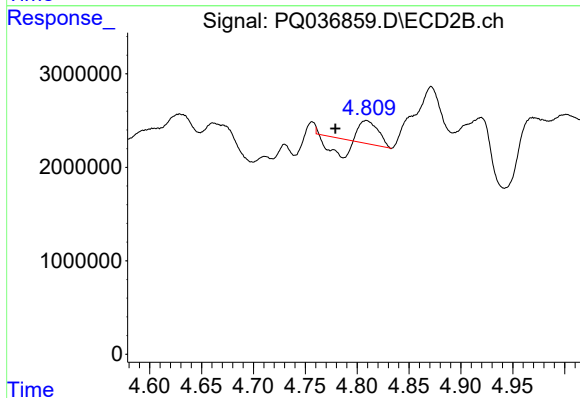
R.T.: 8.636 min
Delta R.T.: -0.016 min
Response: 32458278
Conc: 17.25 ng/ml



#3 AR-1016-1

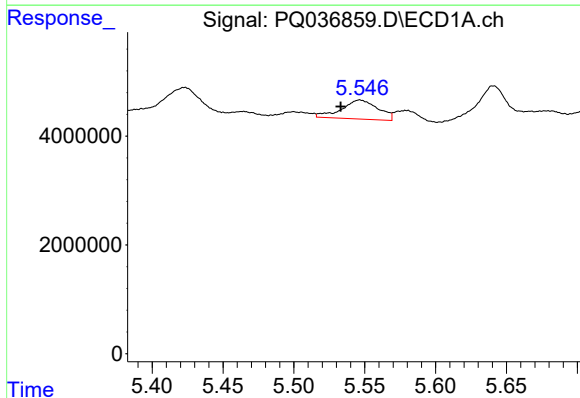
R.T.: 5.547 min
Delta R.T.: 0.034 min
Response: 6267856
Conc: 44.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



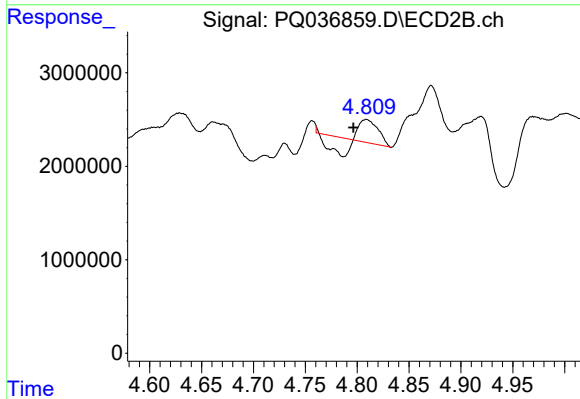
#3 AR-1016-1

R.T.: 4.809 min
Delta R.T.: 0.030 min
Response: 1289536
Conc: 17.12 ng/ml



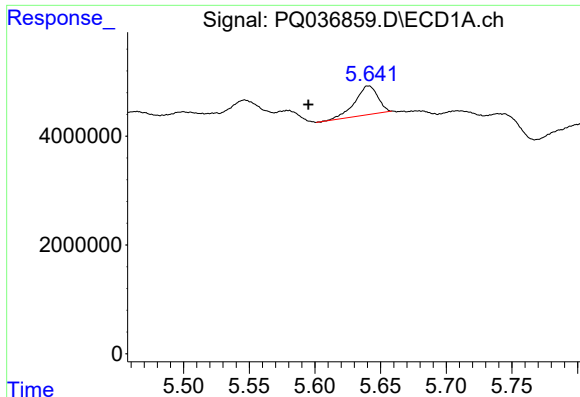
#4 AR-1016-2

R.T.: 5.547 min
Delta R.T.: 0.014 min
Response: 6267856
Conc: 29.70 ng/ml



#4 AR-1016-2

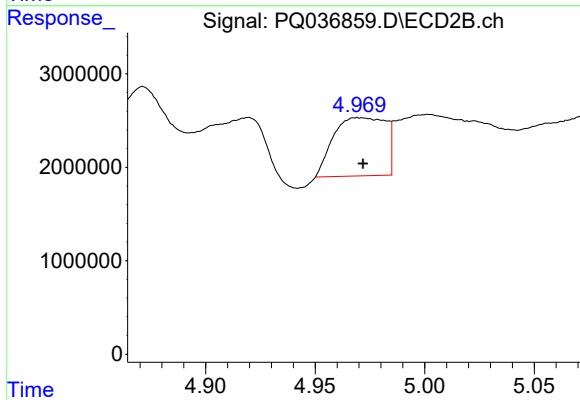
R.T.: 4.809 min
Delta R.T.: 0.013 min
Response: 1289536
Conc: 11.59 ng/ml



#5 AR-1016-3

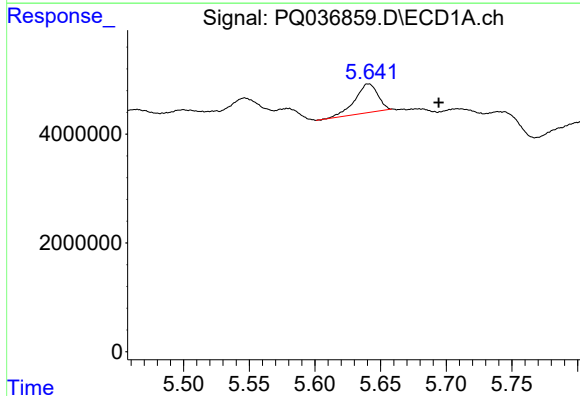
R.T.: 5.641 min
Delta R.T.: 0.046 min
Response: 6381639
Conc: 51.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



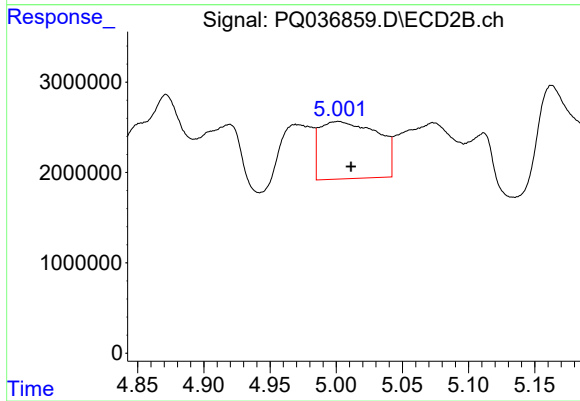
#5 AR-1016-3

R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 10280897
Conc: 182.30 ng/ml



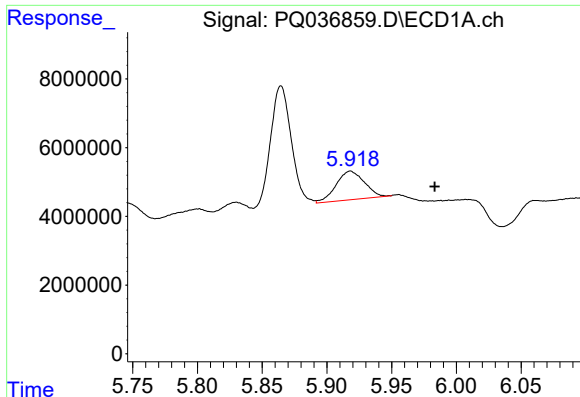
#6 AR-1016-4

R.T.: 5.641 min
Delta R.T.: -0.053 min
Response: 6381639
Conc: 64.17 ng/ml



#6 AR-1016-4

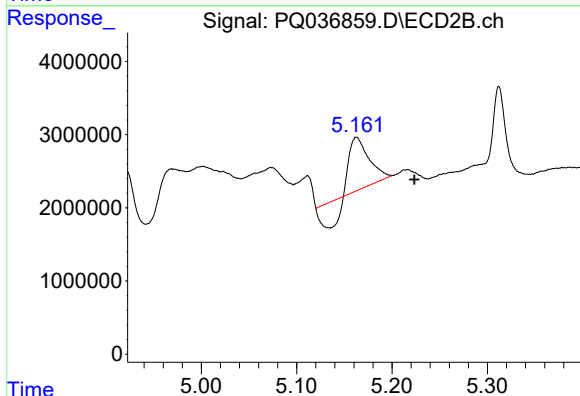
R.T.: 5.002 min
Delta R.T.: -0.009 min
Response: 19374611
Conc: 428.89 ng/ml



#7 AR-1016-5

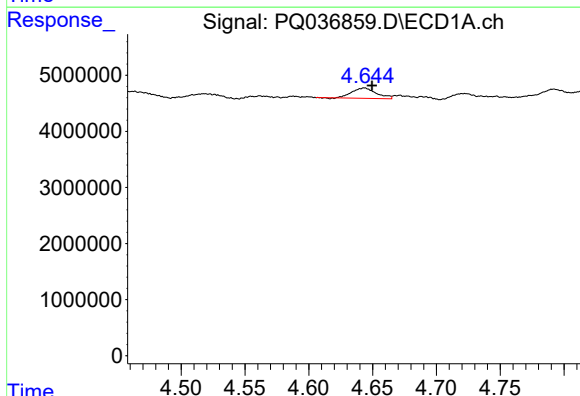
R.T.: 5.918 min
Delta R.T.: -0.065 min
Response: 12680602
Conc: 128.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



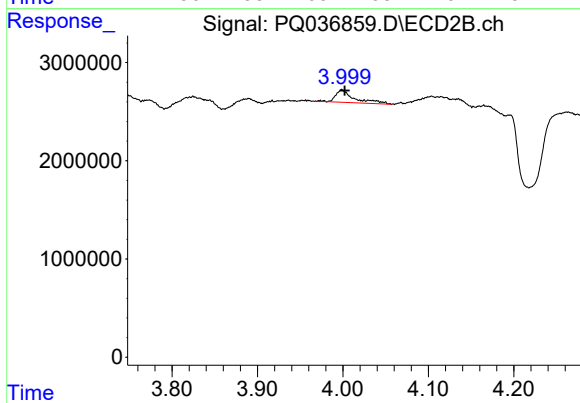
#7 AR-1016-5

R.T.: 5.163 min
Delta R.T.: -0.061 min
Response: 6499785
Conc: 111.43 ng/ml



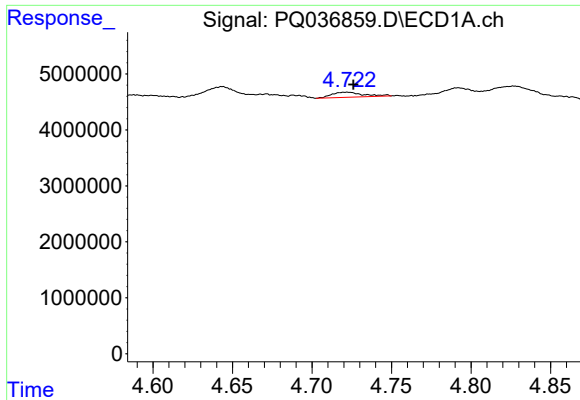
#9 AR-1221-2

R.T.: 4.644 min
Delta R.T.: -0.006 min
Response: 2431126
Conc: 72.21 ng/ml



#9 AR-1221-2

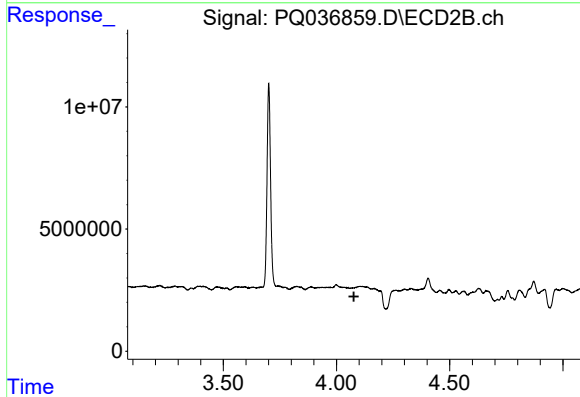
R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 1977247
Conc: 105.35 ng/ml



#10 AR-1221-3

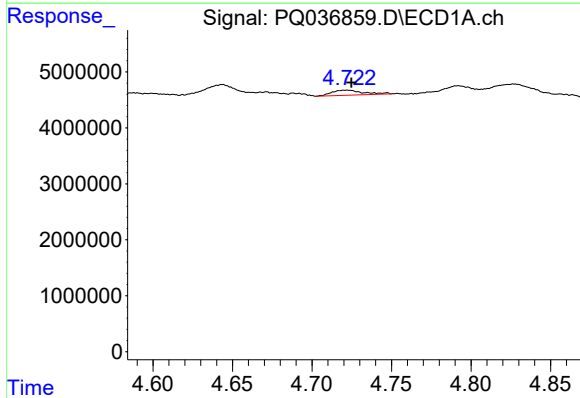
R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 1251220
Conc: 11.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



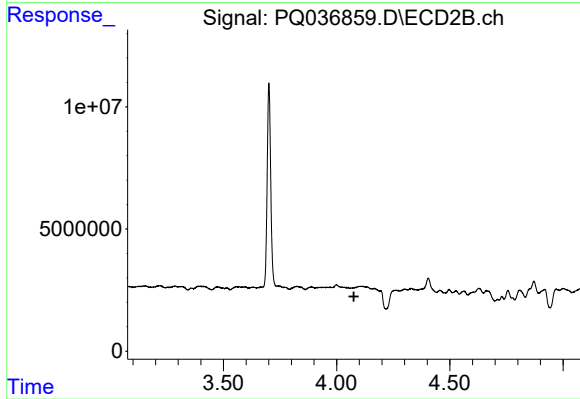
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.077 min
Response: 0
Conc: N.D.



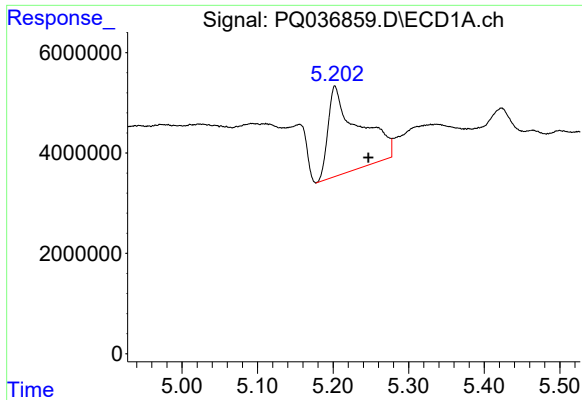
#11 AR-1232-1

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 1251220
Conc: 13.44 ng/ml



#11 AR-1232-1

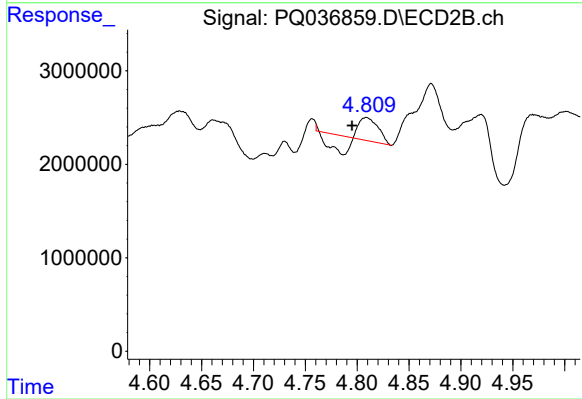
R.T.: 0.000 min
Exp R.T. : 4.076 min
Response: 0
Conc: N.D.



#12 AR-1232-2

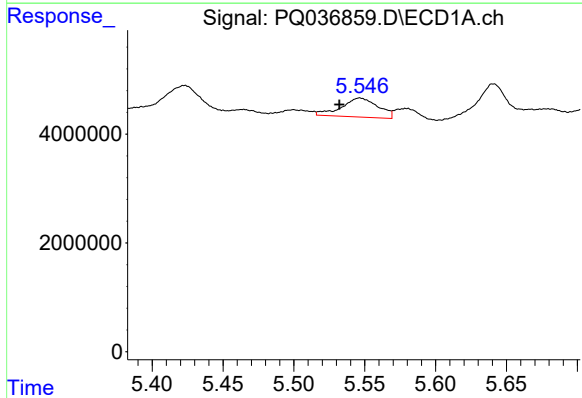
R.T.: 5.202 min
Delta R.T.: -0.044 min
Response: 49790081
Conc: 1059.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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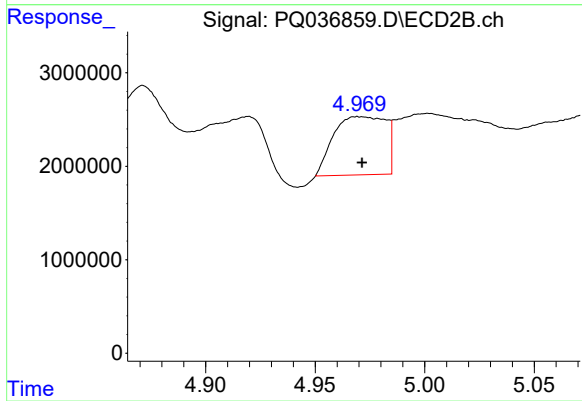
#12 AR-1232-2

R.T.: 4.809 min
Delta R.T.: 0.014 min
Response: 1289536
Conc: 24.04 ng/ml



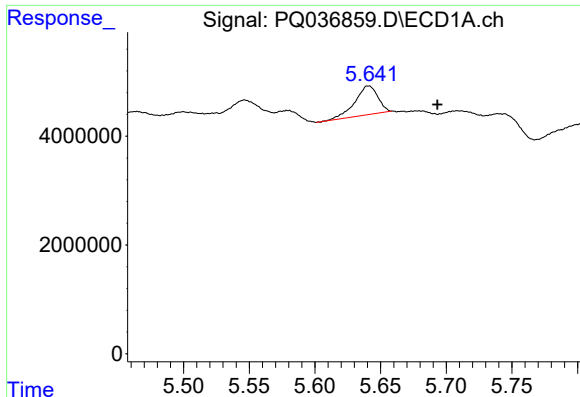
#13 AR-1232-3

R.T.: 5.547 min
Delta R.T.: 0.014 min
Response: 6267856
Conc: 63.30 ng/ml



#13 AR-1232-3

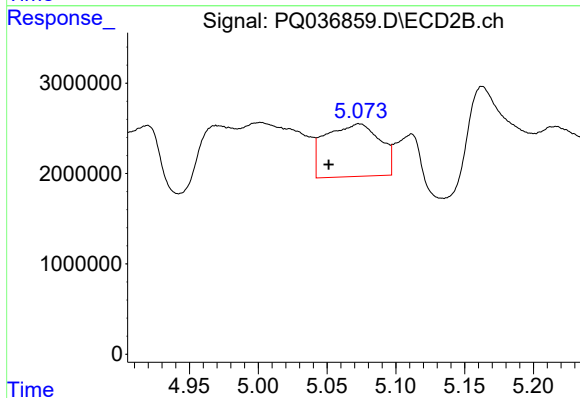
R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 10280897
Conc: 402.46 ng/ml



#14 AR-1232-4

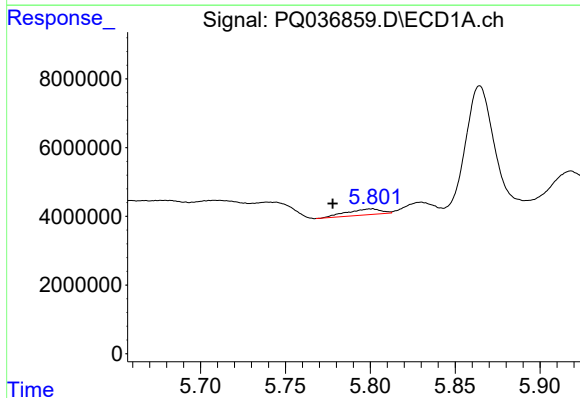
R.T.: 5.641 min
Delta R.T.: -0.052 min
Response: 6381639
Conc: 137.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



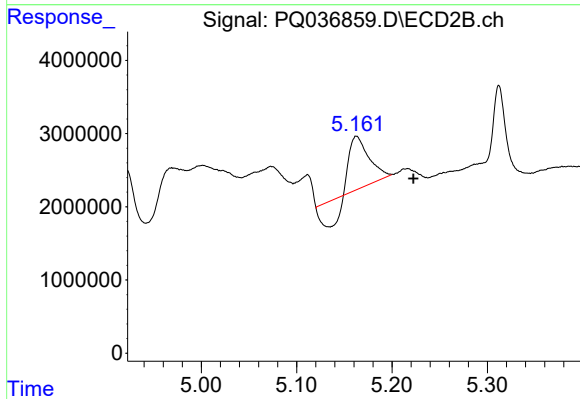
#14 AR-1232-4

R.T.: 5.073 min
Delta R.T.: 0.022 min
Response: 16032748
Conc: 677.19 ng/ml



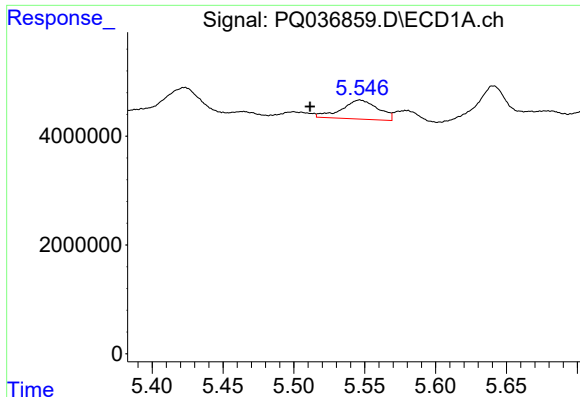
#15 AR-1232-5

R.T.: 5.801 min
Delta R.T.: 0.023 min
Response: 2374373
Conc: 69.18 ng/ml



#15 AR-1232-5

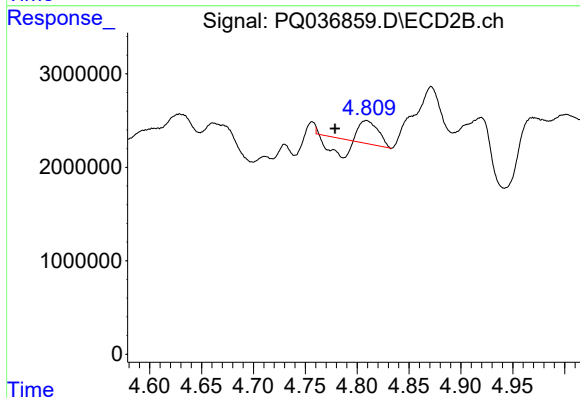
R.T.: 5.163 min
Delta R.T.: -0.060 min
Response: 6499785
Conc: 257.28 ng/ml



#16 AR-1242-1

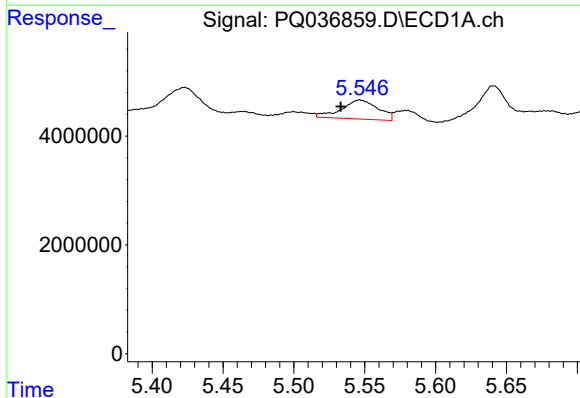
R.T.: 5.547 min
Delta R.T.: 0.035 min
Response: 6267856
Conc: 54.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



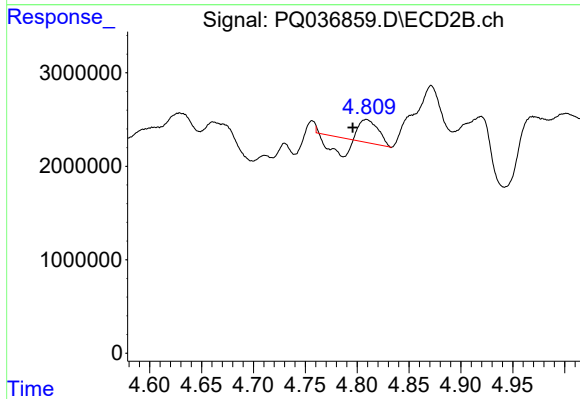
#16 AR-1242-1

R.T.: 4.809 min
Delta R.T.: 0.030 min
Response: 1289536
Conc: 20.53 ng/ml



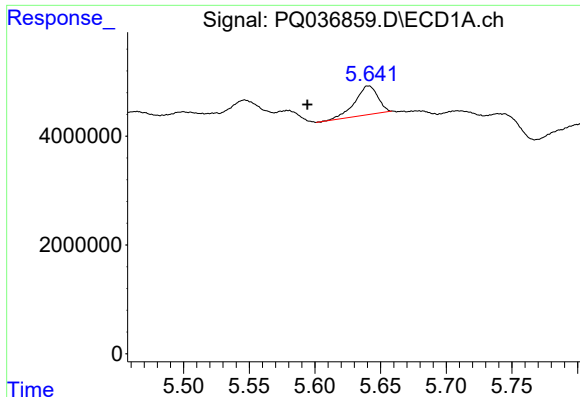
#17 AR-1242-2

R.T.: 5.547 min
Delta R.T.: 0.013 min
Response: 6267856
Conc: 35.35 ng/ml



#17 AR-1242-2

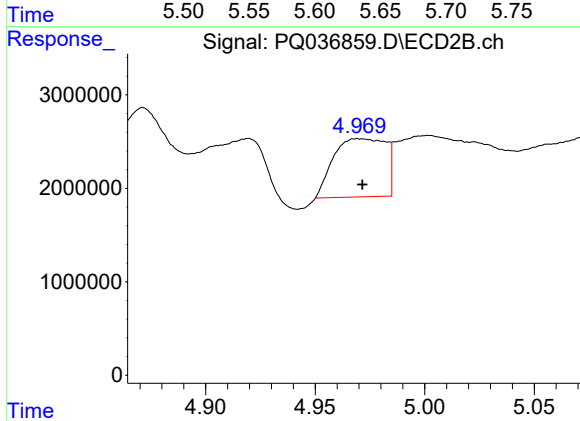
R.T.: 4.809 min
Delta R.T.: 0.013 min
Response: 1289536
Conc: 13.82 ng/ml



#18 AR-1242-3

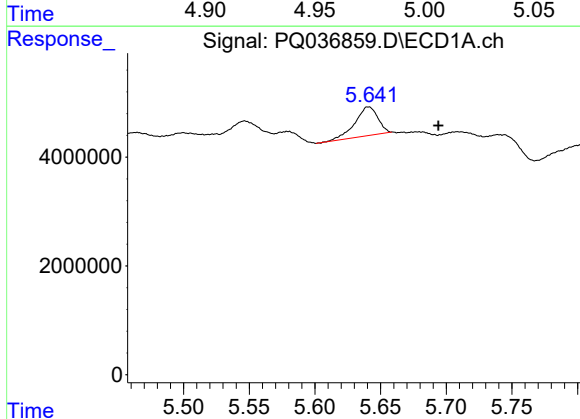
R.T.: 5.641 min
Delta R.T.: 0.046 min
Response: 6381639
Conc: 61.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



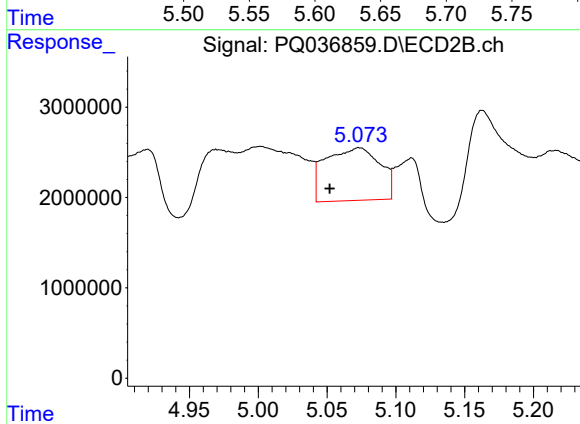
#18 AR-1242-3

R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 10280897
Conc: 219.72 ng/ml



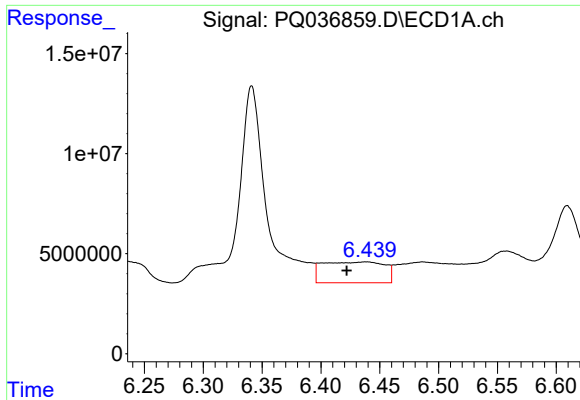
#19 AR-1242-4

R.T.: 5.641 min
Delta R.T.: -0.053 min
Response: 6381639
Conc: 75.87 ng/ml



#19 AR-1242-4

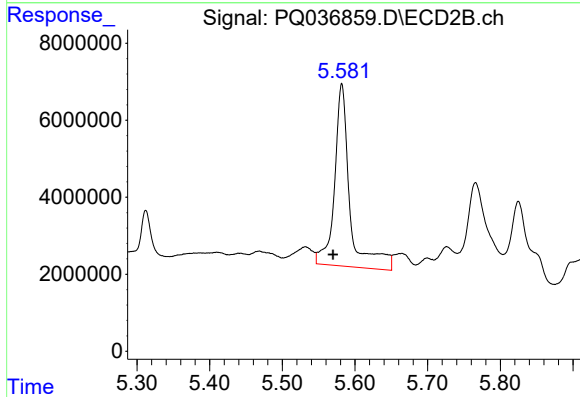
R.T.: 5.073 min
Delta R.T.: 0.021 min
Response: 16032748
Conc: 350.90 ng/ml



#20 AR-1242-5

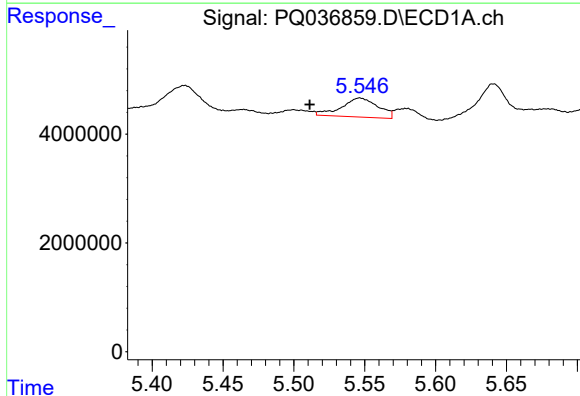
R.T.: 6.439 min
Delta R.T.: 0.017 min
Response: 37939667
Conc: 418.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



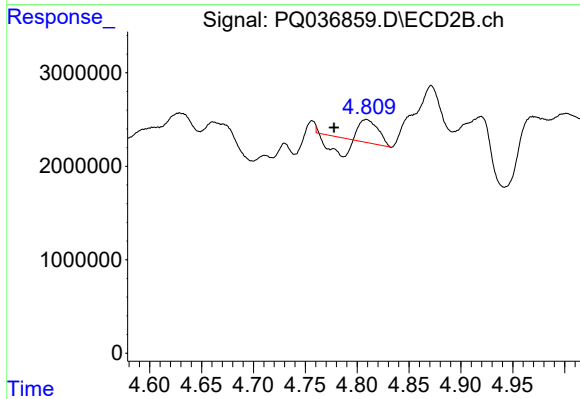
#20 AR-1242-5

R.T.: 5.582 min
Delta R.T.: 0.012 min
Response: 69421546
Conc: 1240.15 ng/ml



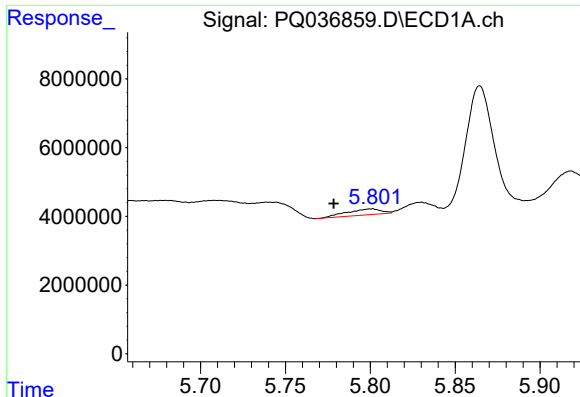
#21 AR-1248-1

R.T.: 5.547 min
Delta R.T.: 0.035 min
Response: 6267856
Conc: 69.75 ng/ml



#21 AR-1248-1

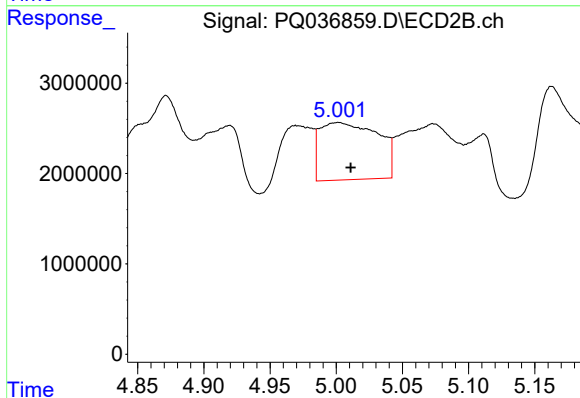
R.T.: 4.809 min
Delta R.T.: 0.031 min
Response: 1289536
Conc: 26.15 ng/ml



#22 AR-1248-2

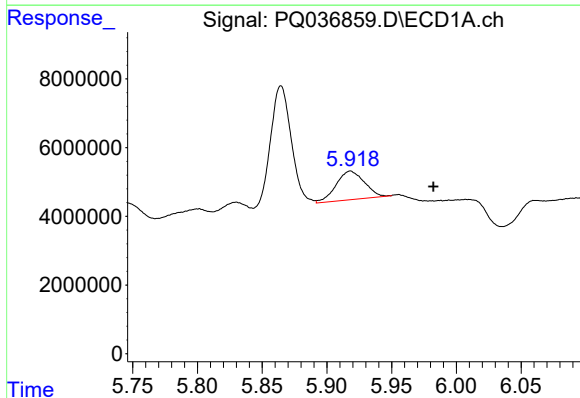
R.T.: 5.801 min
Delta R.T.: 0.022 min
Response: 2374373
Conc: 19.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



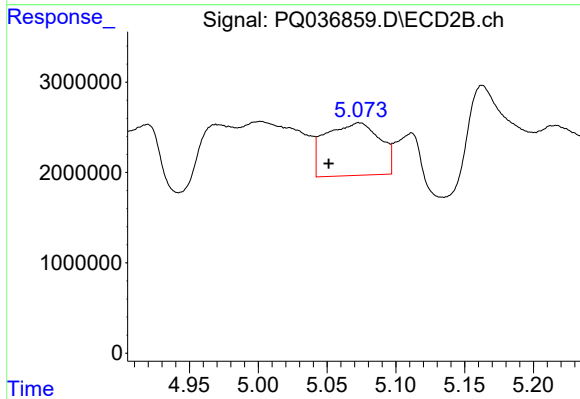
#22 AR-1248-2

R.T.: 5.002 min
Delta R.T.: -0.009 min
Response: 19374611
Conc: 298.62 ng/ml



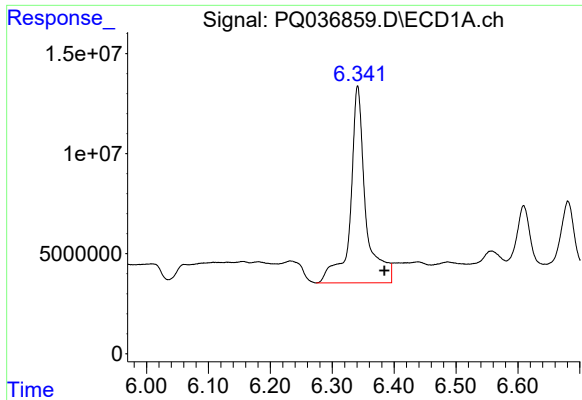
#23 AR-1248-3

R.T.: 5.918 min
Delta R.T.: -0.064 min
Response: 12680602
Conc: 92.33 ng/ml



#23 AR-1248-3

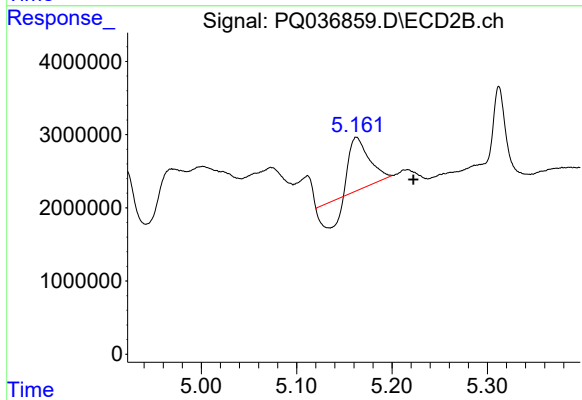
R.T.: 5.073 min
Delta R.T.: 0.022 min
Response: 16032748
Conc: 241.94 ng/ml



#24 AR-1248-4

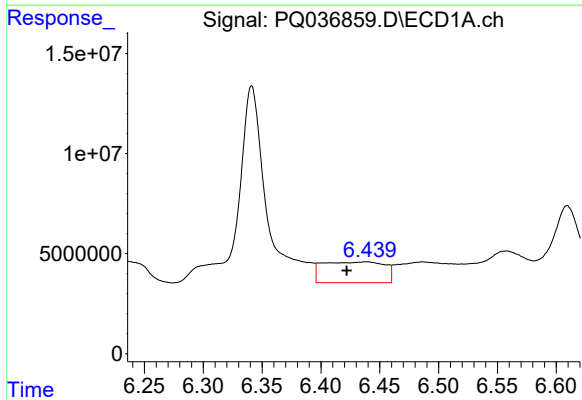
R.T.: 6.341 min
Delta R.T.: -0.043 min
Response: 168950607
Conc: 1076.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



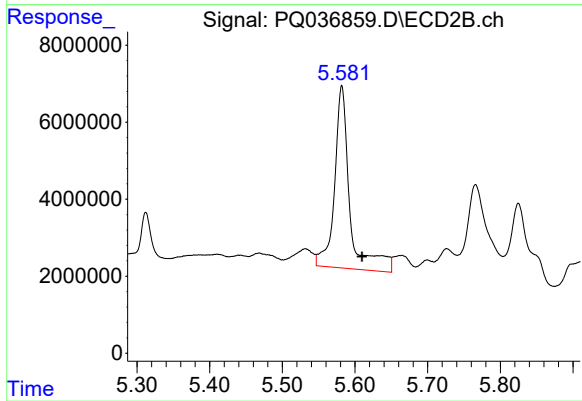
#24 AR-1248-4

R.T.: 5.163 min
Delta R.T.: -0.060 min
Response: 6499785
Conc: 81.84 ng/ml



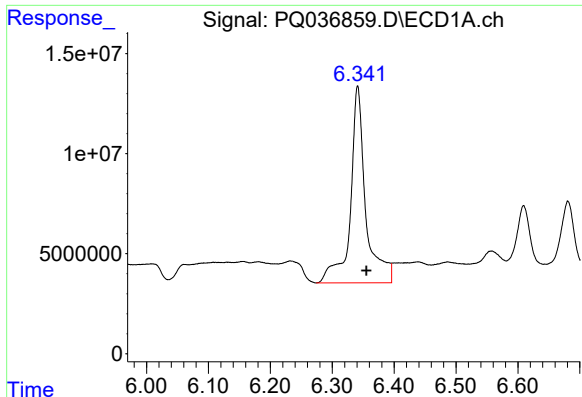
#25 AR-1248-5

R.T.: 6.439 min
Delta R.T.: 0.017 min
Response: 37939667
Conc: 255.66 ng/ml



#25 AR-1248-5

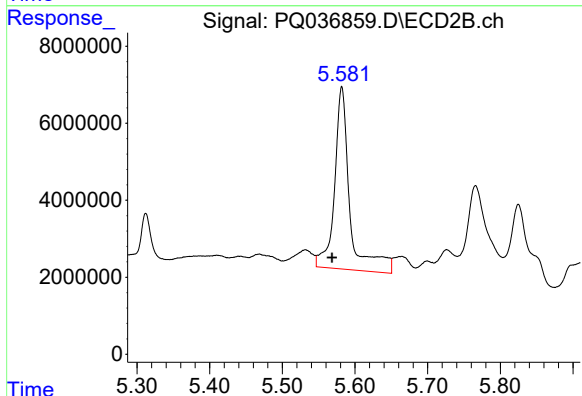
R.T.: 5.582 min
Delta R.T.: -0.028 min
Response: 69421546
Conc: 878.62 ng/ml



#26 AR-1254-1

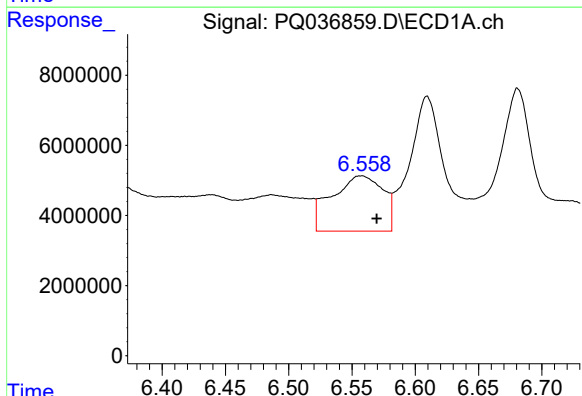
R.T.: 6.341 min
Delta R.T.: -0.014 min
Response: 168950607
Conc: 952.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



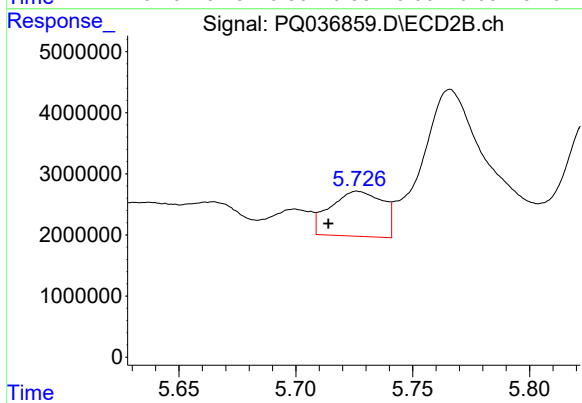
#26 AR-1254-1

R.T.: 5.582 min
Delta R.T.: 0.013 min
Response: 69421546
Conc: 518.52 ng/ml



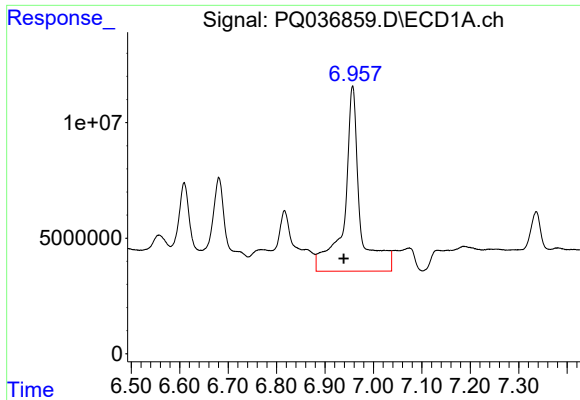
#27 AR-1254-2

R.T.: 6.557 min
Delta R.T.: -0.012 min
Response: 44337907
Conc: 170.20 ng/ml



#27 AR-1254-2

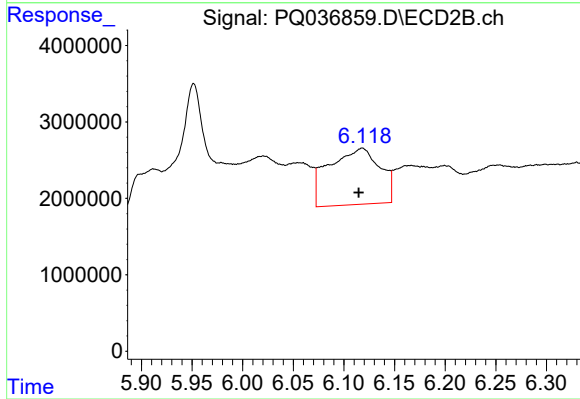
R.T.: 5.726 min
Delta R.T.: 0.013 min
Response: 11517009
Conc: 104.07 ng/ml



#28 AR-1254-3

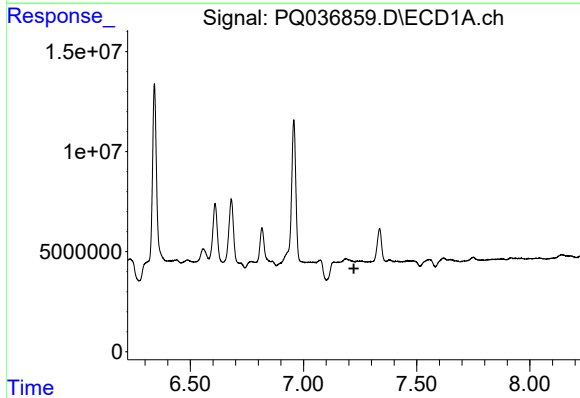
R.T.: 6.957 min
Delta R.T.: 0.018 min
Response: 178662253
Conc: 667.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



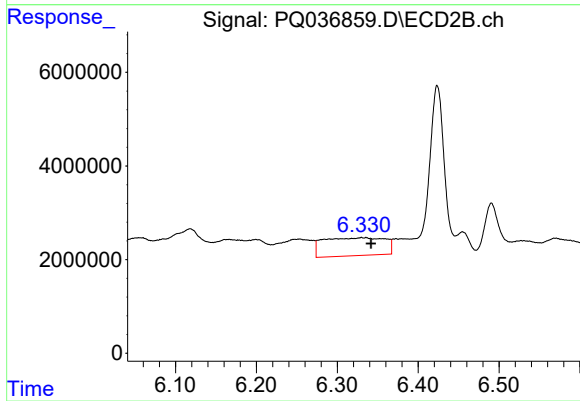
#28 AR-1254-3

R.T.: 6.118 min
Delta R.T.: 0.003 min
Response: 25761345
Conc: 143.12 ng/ml



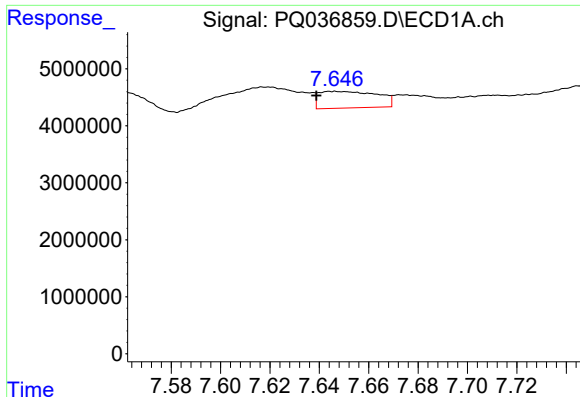
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.223 min
Response: 0
Conc: N.D.



#29 AR-1254-4

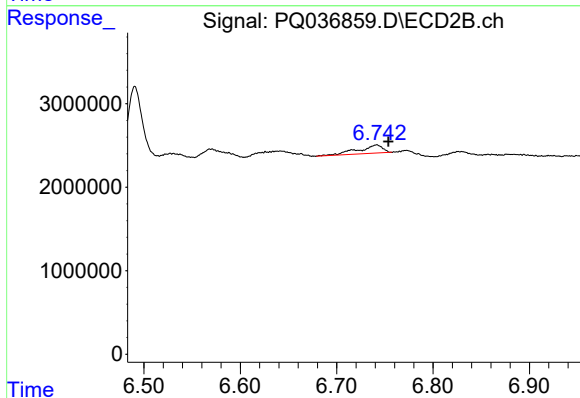
R.T.: 6.330 min
Delta R.T.: -0.012 min
Response: 20272594
Conc: 153.63 ng/ml



#30 AR-1254-5

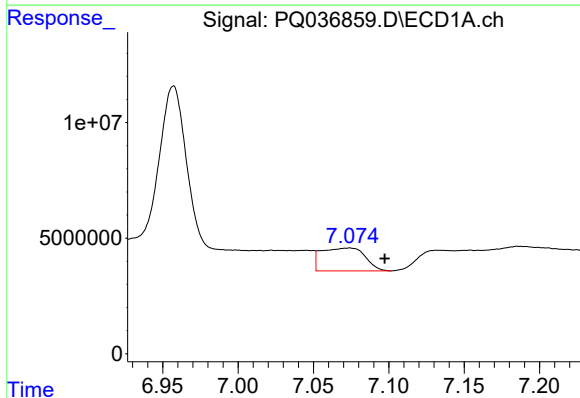
R.T.: 7.646 min
Delta R.T.: 0.007 min
Response: 4814671
Conc: 23.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



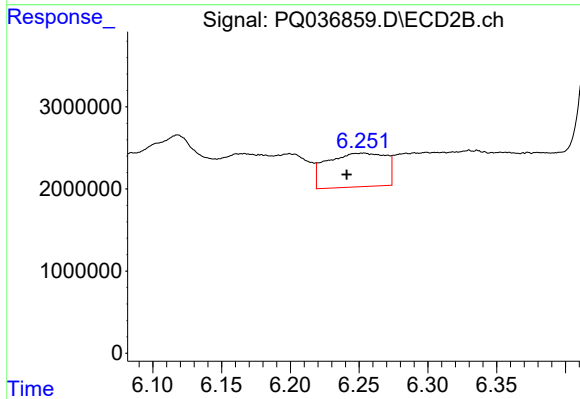
#30 AR-1254-5

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 1757116
Conc: 11.70 ng/ml



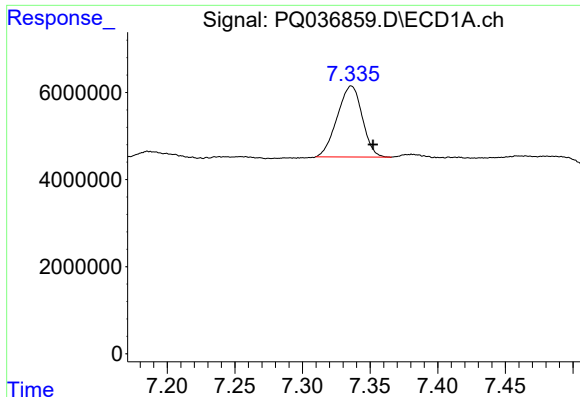
#31 AR-1260-1

R.T.: 7.074 min
Delta R.T.: -0.023 min
Response: 20007355
Conc: 102.73 ng/ml



#31 AR-1260-1

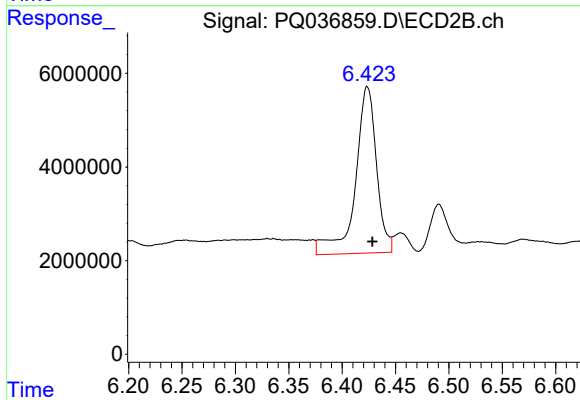
R.T.: 6.253 min
Delta R.T.: 0.012 min
Response: 12211844
Conc: 106.38 ng/ml



#32 AR-1260-2

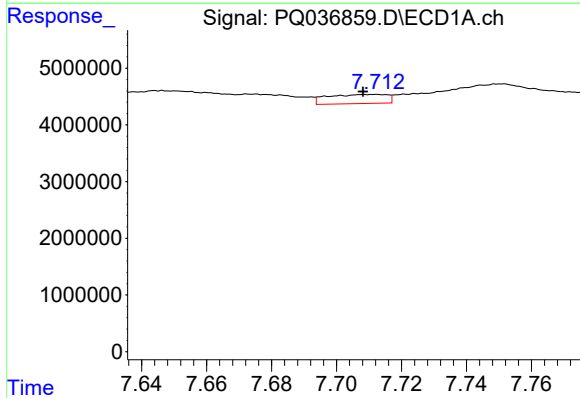
R.T.: 7.336 min
Delta R.T.: -0.016 min
Response: 21018302
Conc: 91.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



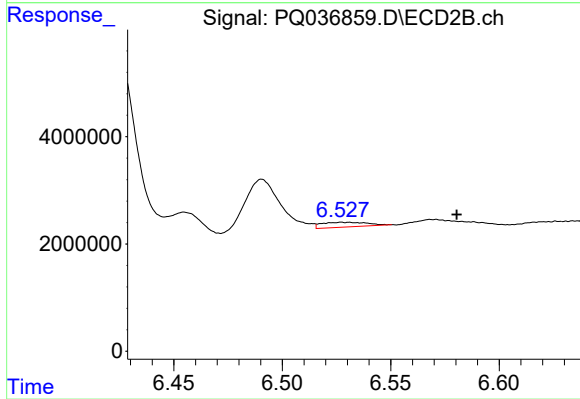
#32 AR-1260-2

R.T.: 6.424 min
Delta R.T.: -0.005 min
Response: 49360264
Conc: 351.11 ng/ml



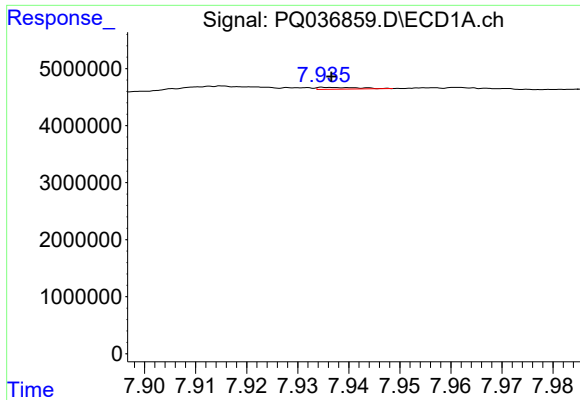
#33 AR-1260-3

R.T.: 7.711 min
Delta R.T.: 0.003 min
Response: 2052784
Conc: 14.23 ng/ml



#33 AR-1260-3

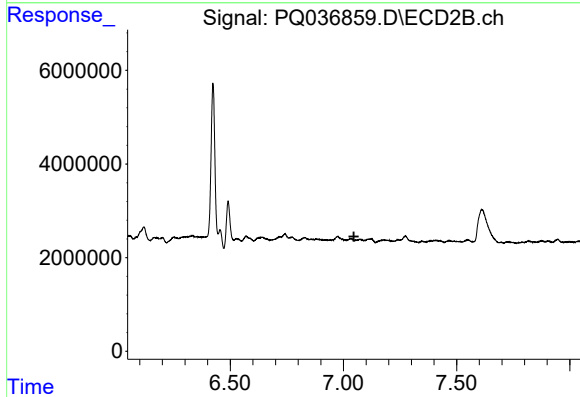
R.T.: 6.528 min
Delta R.T.: -0.052 min
Response: 1147382
Conc: 8.95 ng/ml



#34 AR-1260-4

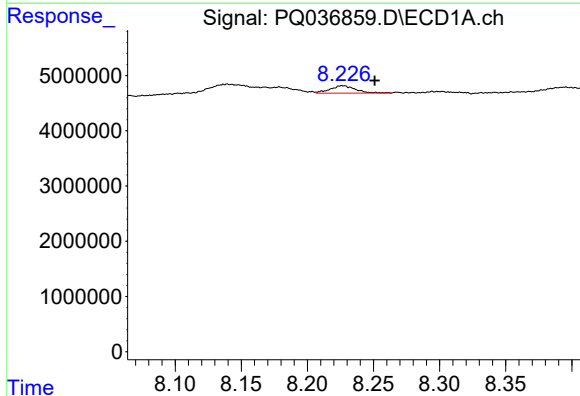
R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 173300
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



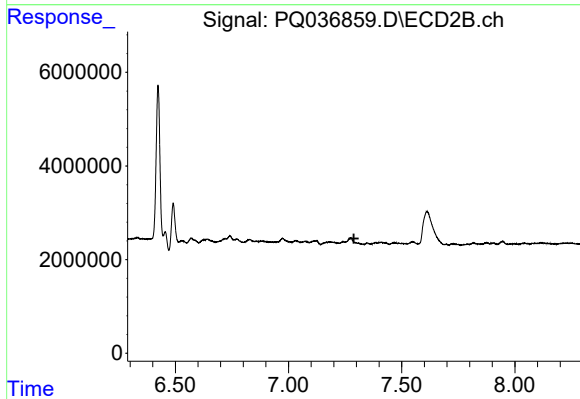
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.046 min
Response: 0
Conc: N.D.



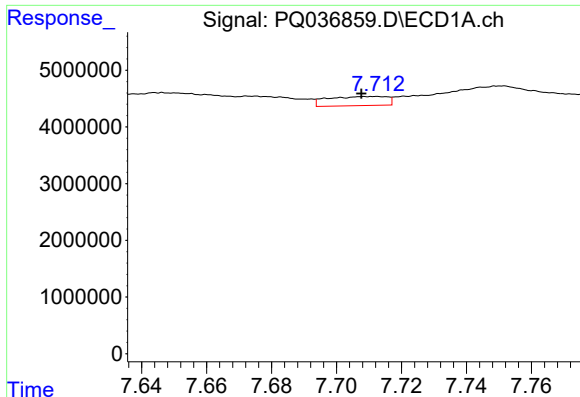
#35 AR-1260-5

R.T.: 8.227 min
Delta R.T.: -0.024 min
Response: 1807644
Conc: 5.38 ng/ml



#35 AR-1260-5

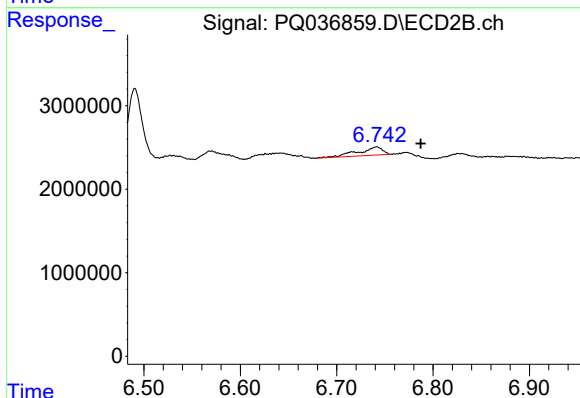
R.T.: 0.000 min
Exp R.T. : 7.289 min
Response: 0
Conc: N.D.



#36 AR-1262-1

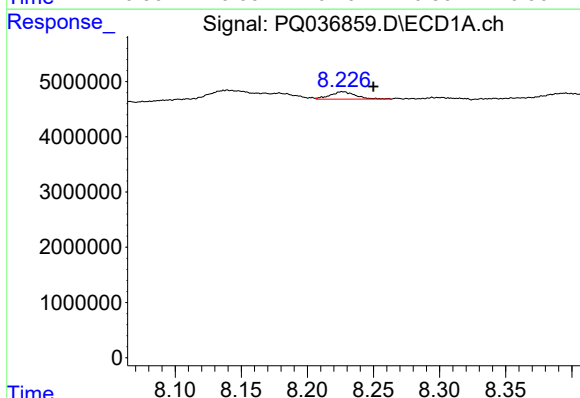
R.T.: 7.711 min
Delta R.T.: 0.004 min
Response: 2052784
Conc: 7.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



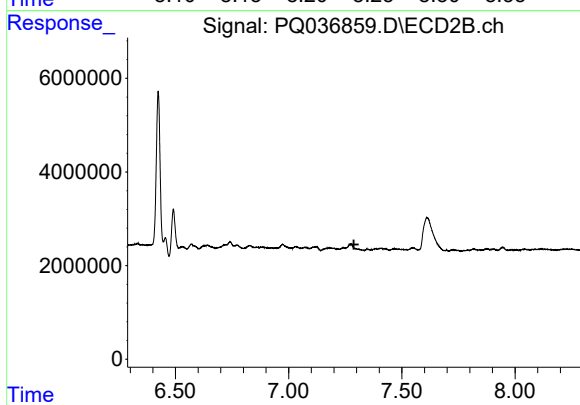
#36 AR-1262-1

R.T.: 6.742 min
Delta R.T.: -0.046 min
Response: 1757116
Conc: 10.47 ng/ml



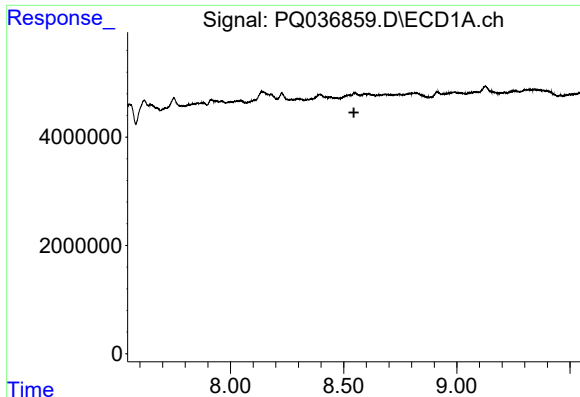
#37 AR-1262-2

R.T.: 8.227 min
Delta R.T.: -0.023 min
Response: 1807644
Conc: 3.69 ng/ml



#37 AR-1262-2

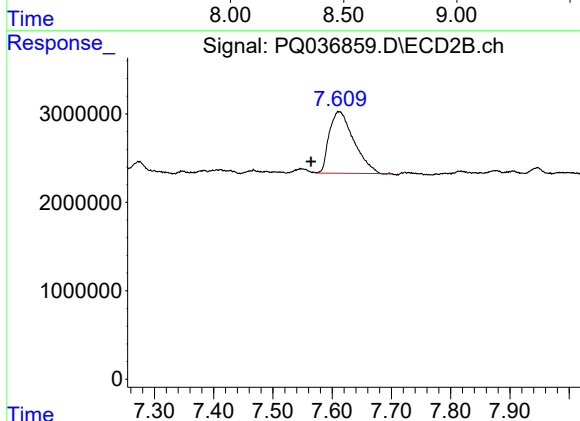
R.T.: 0.000 min
Exp R.T.: 7.288 min
Response: 0
Conc: N.D.



#38 AR-1262-3

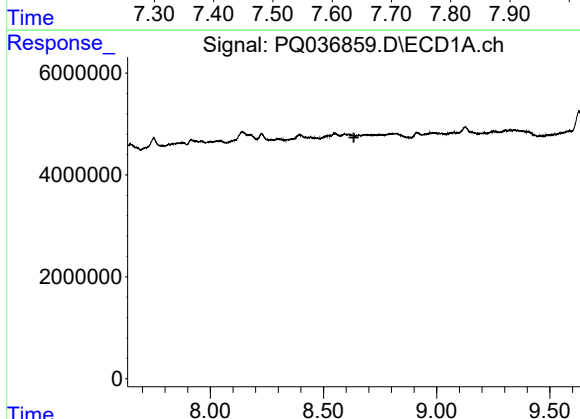
R.T.: 0.000 min
Exp R.T.: 8.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



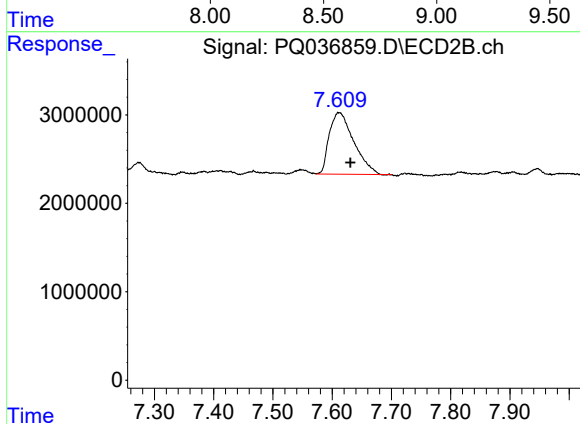
#38 AR-1262-3

R.T.: 7.612 min
Delta R.T.: 0.047 min
Response: 20109822
Conc: 179.04 ng/ml



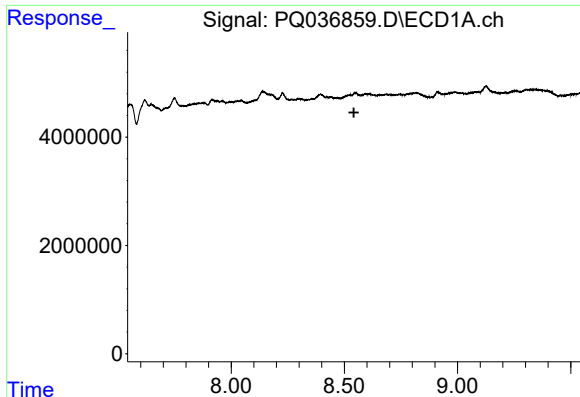
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.634 min
Response: 0
Conc: N.D.



#39 AR-1262-4

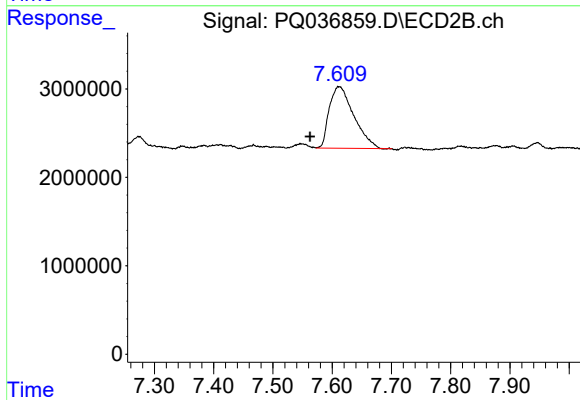
R.T.: 7.612 min
Delta R.T.: -0.019 min
Response: 20109822
Conc: 93.22 ng/ml



#41 AR-1268-1

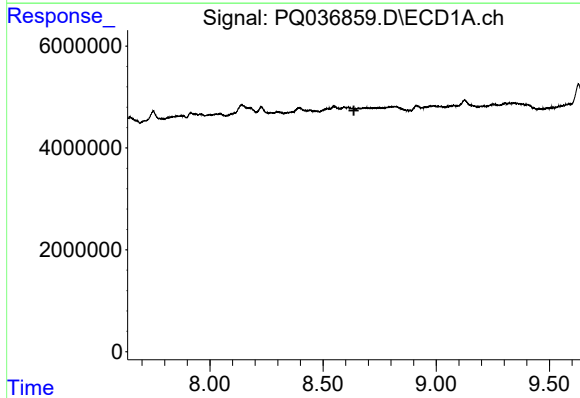
R.T.: 0.000 min
Exp R.T.: 8.542 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



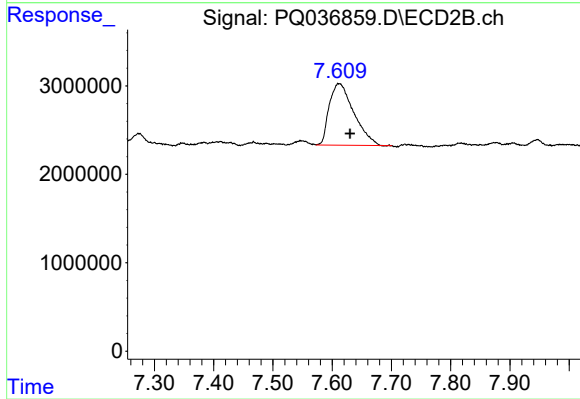
#41 AR-1268-1

R.T.: 7.612 min
Delta R.T.: 0.049 min
Response: 20109822
Conc: 55.33 ng/ml



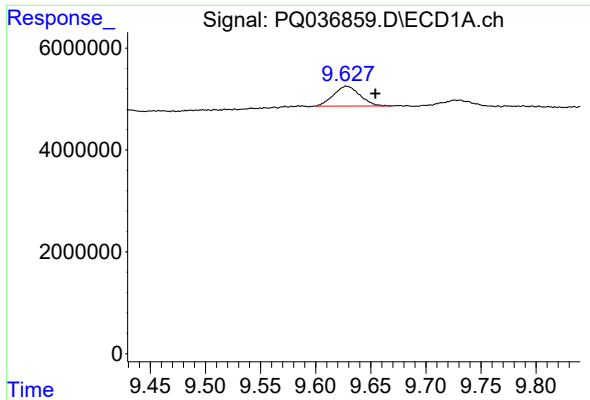
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.636 min
Response: 0
Conc: N.D.



#42 AR-1268-2

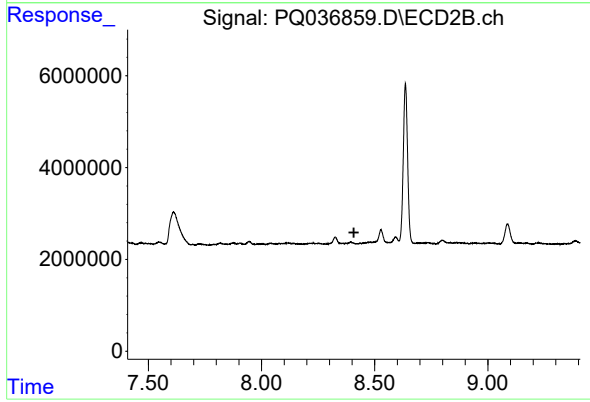
R.T.: 7.612 min
Delta R.T.: -0.018 min
Response: 20109822
Conc: 60.69 ng/ml



#45 AR-1268-5

R.T.: 9.628 min
Delta R.T.: -0.026 min
Response: 6472722
Conc: 3.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
OR-01-012519-BRE



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.408 min
Response: 0
Conc: N.D.