

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080720\
 Data File : PQ049120.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2020 20:12
 Operator : DD\AJ
 Sample : L3596-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:39:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.259	4.287	93384027	56098462	15.170	15.828
2)	SA Decachlor...	11.491	9.643	337.3E6	173.6E6	35.906	37.355
Target Compounds							
3)	L1 AR-1016-1	6.604	5.568	1321719	655638	5.130	4.247
4)	L1 AR-1016-2	6.604	5.568	1321719	655638	3.705	3.138
5)	L1 AR-1016-3	6.656	5.830	791457	1660092	3.645	16.052 #
6)	L1 AR-1016-4	0.000	5.830	0	1660092	N.D.	20.453 #
7)	L1 AR-1016-5	7.102	0.000	945599	0	5.123	N.D. #
8)	L2 AR-1221-1	5.544	4.491	3040887	724023	40.669	15.880 #
9)	L2 AR-1221-2	5.618	4.642	2394041	968488	41.676	30.180 #
10)	L2 AR-1221-3	5.732	4.799	614729	780737	3.285	7.144 #
11)	L3 AR-1232-1	5.732	4.799	614729	780737	4.080	8.970 #
12)	L3 AR-1232-2	6.279	5.568	1914598	655638	24.479	6.699 #
13)	L3 AR-1232-3	6.604	5.830	1321719	1660092	7.869	34.487 #
14)	L3 AR-1232-4	0.000	5.830	0	1660092	N.D.	38.375 #
15)	L3 AR-1232-5	6.913	0.000	2948835	0	46.877	N.D. #
16)	L4 AR-1242-1	6.604	5.568	1321719	655638	5.627	4.718
17)	L4 AR-1242-2	6.604	5.568	1321719	655638	4.119	3.490
18)	L4 AR-1242-3	6.656	5.830	791457	1660092	3.978	17.277 #
19)	L4 AR-1242-4	0.000	5.830	0	1660092	N.D.	17.498 #
20)	L4 AR-1242-5	7.598	6.453	781879	916257	3.841	6.588 #
21)	L5 AR-1248-1	6.604	5.568	1321719	655638	7.871	6.465
22)	L5 AR-1248-2	6.913	5.830	2948835	1660092	13.090	13.300
23)	L5 AR-1248-3	7.102	5.830	945599	1660092	3.702	12.883 #
24)	L5 AR-1248-4	7.545	0.000	4396599	0	13.765	N.D. #
25)	L5 AR-1248-5	7.598	6.453	781879	916257	2.585	5.300 #
26)	L6 AR-1254-1	7.508	6.453	5341225	916257	16.571	3.368 #
27)	L6 AR-1254-2	7.739	0.000	1332785	0	2.632	N.D. #
28)	L6 AR-1254-3	8.150	0.000	6542872	0	12.237	N.D. #
29)	L6 AR-1254-4	8.430	7.195	6483698	3907593	13.845	14.487
30)	L6 AR-1254-5	8.851	7.647	2563164	1376639	5.343	3.737 #
31)	L7 AR-1260-1	8.286	7.138	4267396	392567	11.667	1.721 #
32)	L7 AR-1260-2	8.534	7.341	41824304	238246	84.109	0.823 #
33)	L7 AR-1260-3	8.940	7.500	1350612	20271130	3.212	78.372 #
34)	L7 AR-1260-4	9.175	8.044	7409958	1465709	17.775	6.428 #
35)	L7 AR-1260-5	9.514	8.218	8412908	457145	8.212	0.769 #
36)	L8 AR-1262-1	8.940	7.647	1350612	1376639	1.878	6.595 #
37)	L8 AR-1262-2	9.514	8.218	8412908	457145	6.195	0.578 #
38)	L8 AR-1262-3	0.000	8.538	0	721844	N.D.	2.239 #
39)	L8 AR-1262-4	0.000	8.538	0	721844	N.D.	1.225 #
41)	L9 AR-1268-1	0.000	8.538	0	721844	N.D.	0.781 #
42)	L9 AR-1268-2	0.000	8.538	0	721844	N.D.	0.839 #

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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.192	8.782	4309420	2312622	3.118	3.212
45) L9	AR-1268-5	11.126	9.378	4654529	1243203	1.080	0.541 #

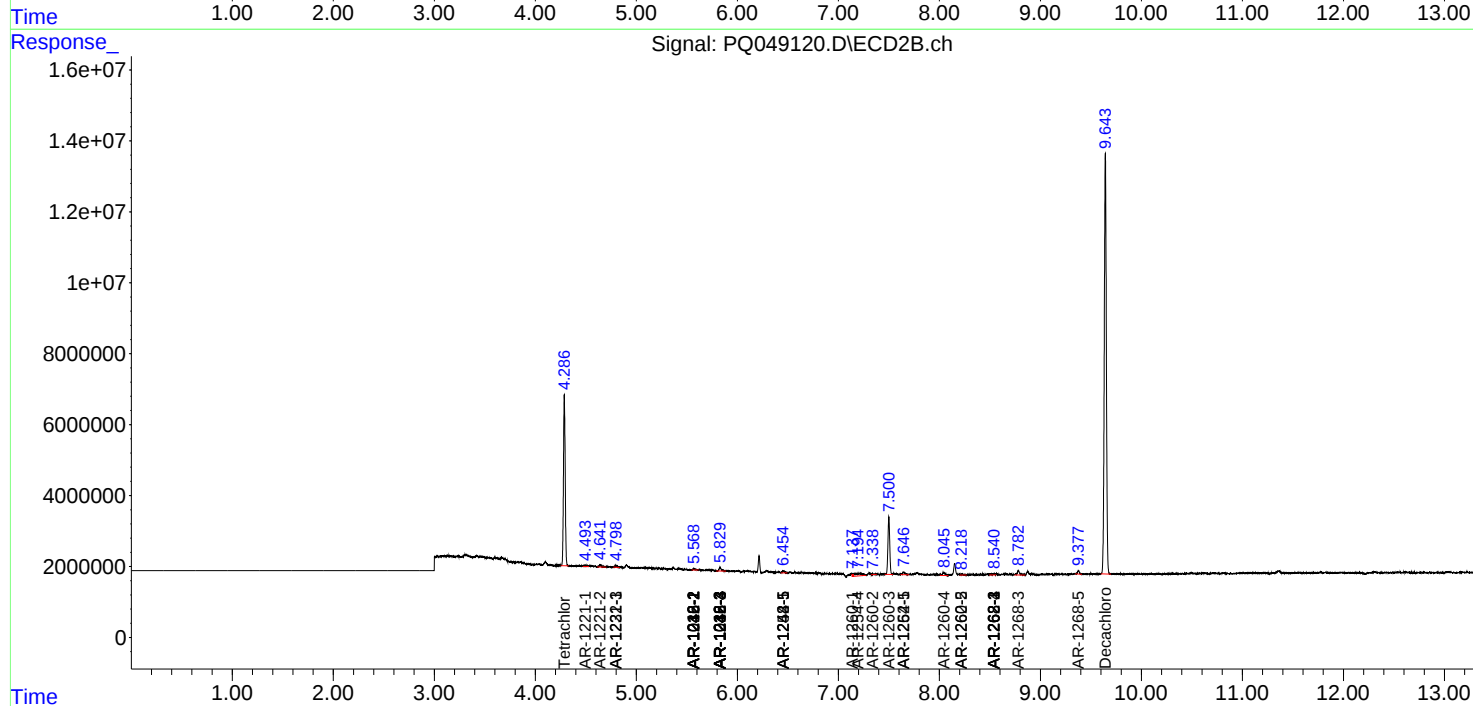
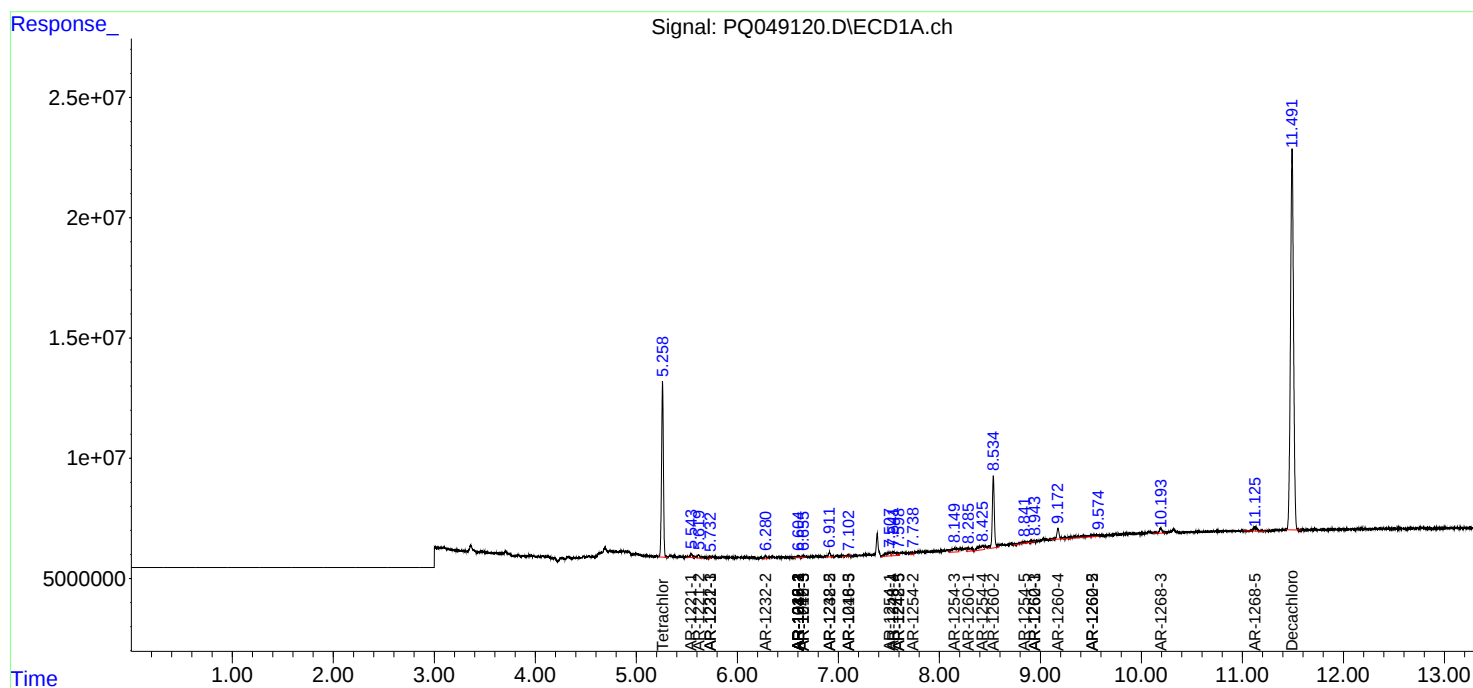
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

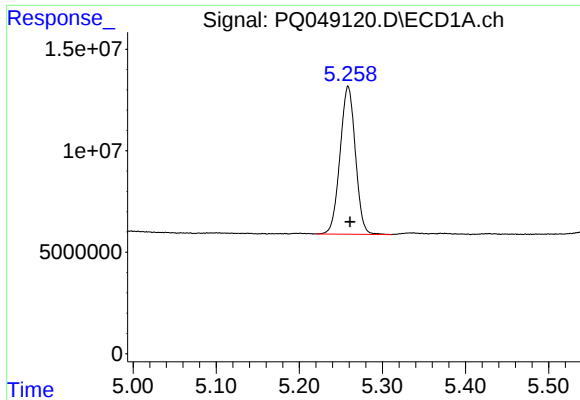
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

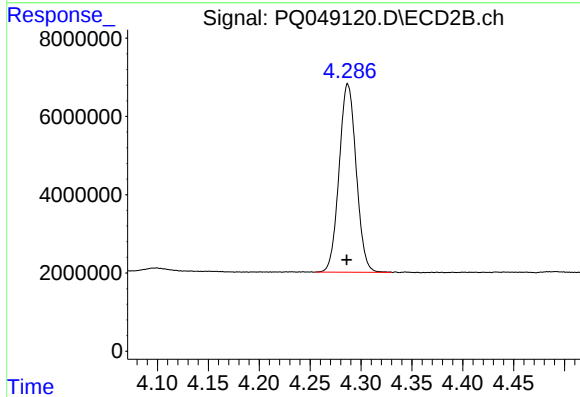




#1 Tetrachloro-m-xylene

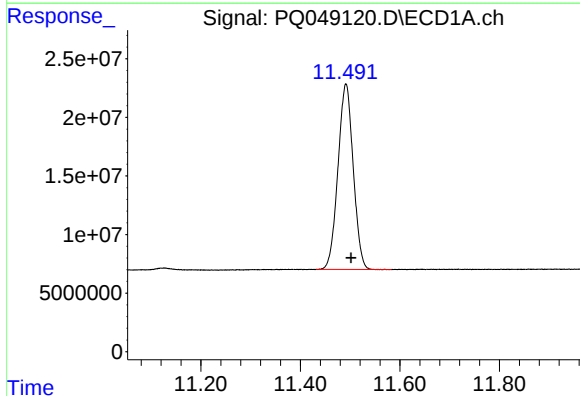
R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 93384027
Conc: 15.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



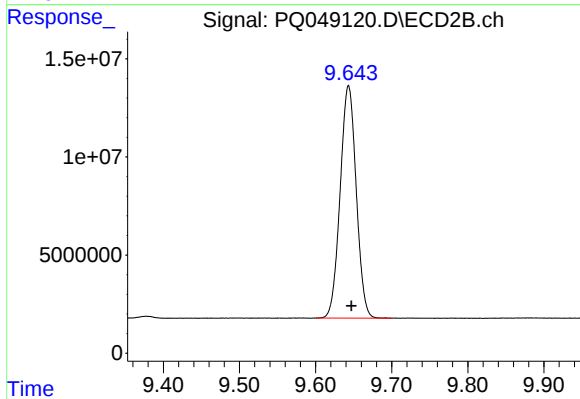
#1 Tetrachloro-m-xylene

R.T.: 4.287 min
Delta R.T.: 0.001 min
Response: 56098462
Conc: 15.83 ng/ml



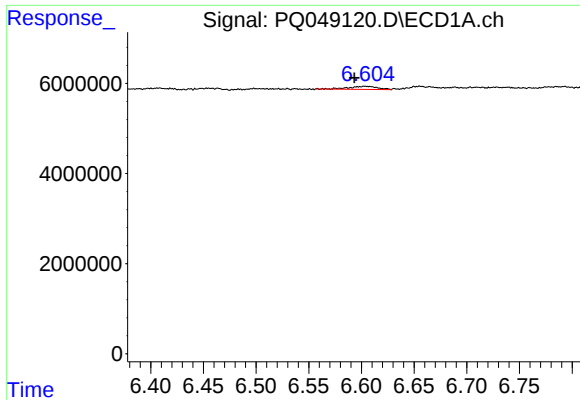
#2 Decachlorobiphenyl

R.T.: 11.491 min
Delta R.T.: -0.010 min
Response: 337282719
Conc: 35.91 ng/ml



#2 Decachlorobiphenyl

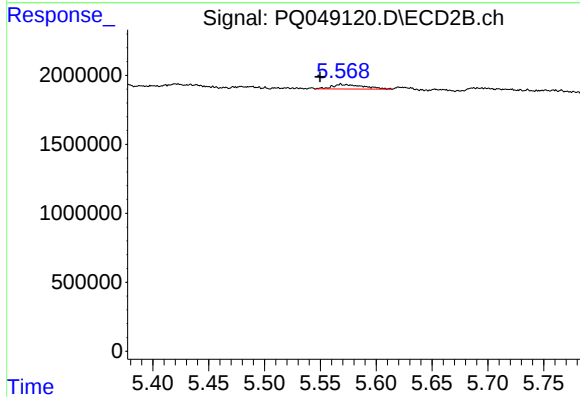
R.T.: 9.643 min
Delta R.T.: -0.004 min
Response: 173649894
Conc: 37.35 ng/ml



#3 AR-1016-1

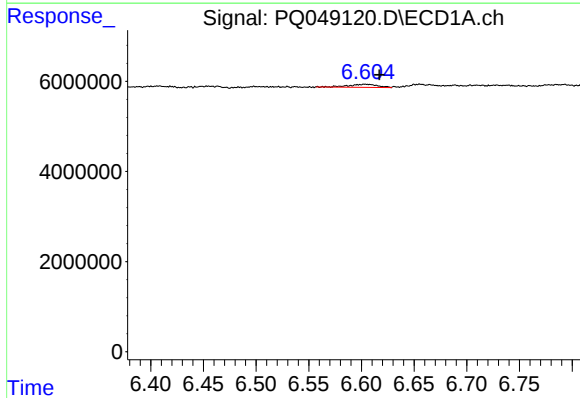
R.T.: 6.604 min
Delta R.T.: 0.010 min
Response: 1321719
Conc: 5.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



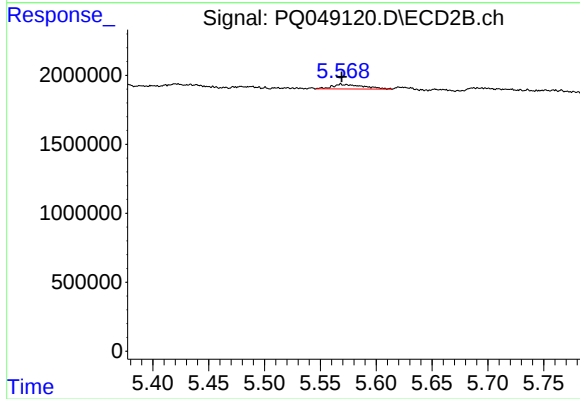
#3 AR-1016-1

R.T.: 5.568 min
Delta R.T.: 0.019 min
Response: 655638
Conc: 4.25 ng/ml



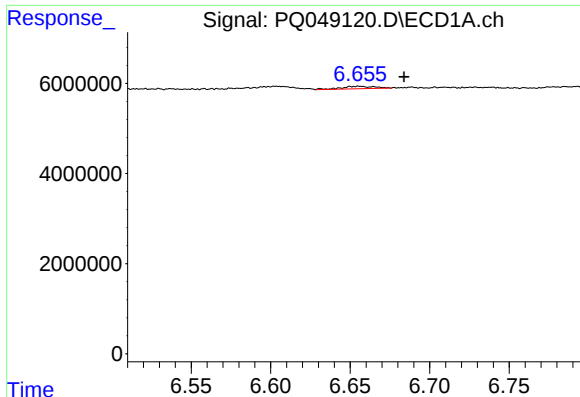
#4 AR-1016-2

R.T.: 6.604 min
Delta R.T.: -0.013 min
Response: 1321719
Conc: 3.70 ng/ml



#4 AR-1016-2

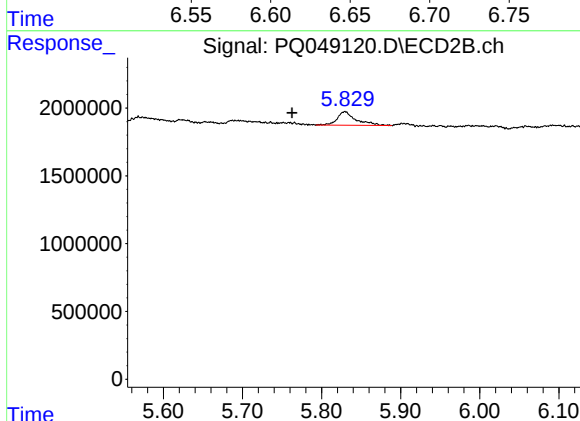
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 655638
Conc: 3.14 ng/ml



#5 AR-1016-3

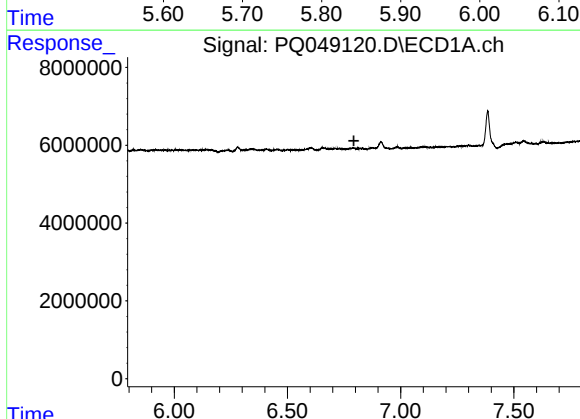
R.T.: 6.656 min
Delta R.T.: -0.028 min
Response: 791457
Conc: 3.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



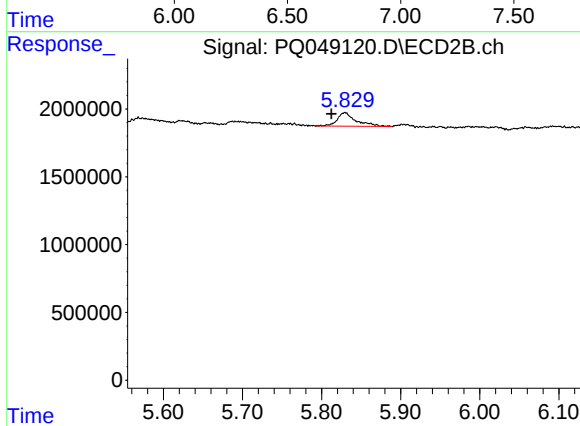
#5 AR-1016-3

R.T.: 5.830 min
Delta R.T.: 0.067 min
Response: 1660092
Conc: 16.05 ng/ml



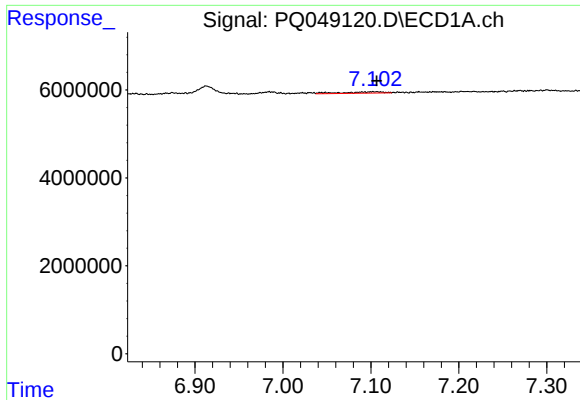
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.



#6 AR-1016-4

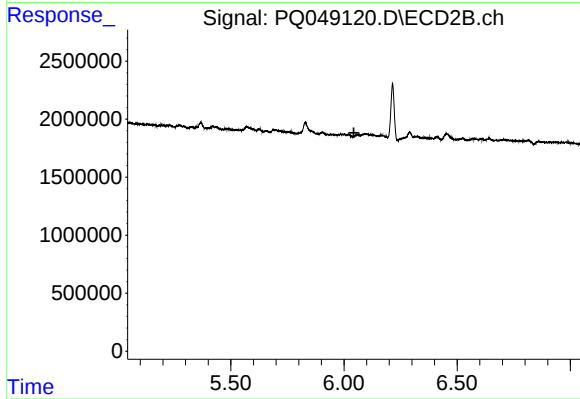
R.T.: 5.830 min
Delta R.T.: 0.017 min
Response: 1660092
Conc: 20.45 ng/ml



#7 AR-1016-5

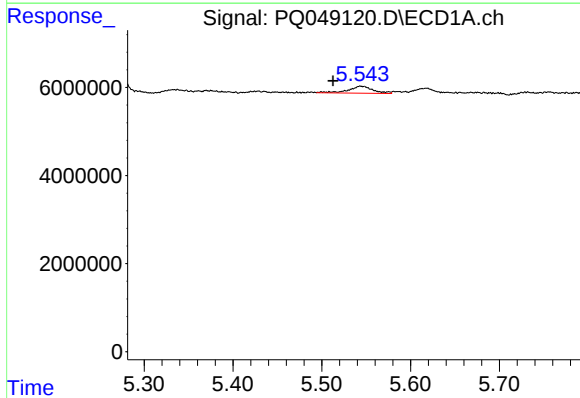
R.T.: 7.102 min
Delta R.T.: -0.004 min
Response: 945599
Conc: 5.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



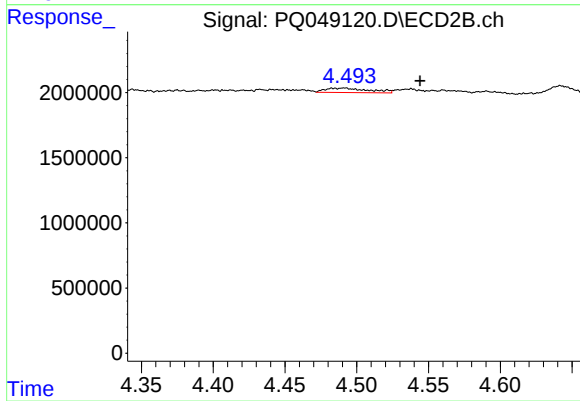
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.044 min
Response: 0
Conc: N.D.



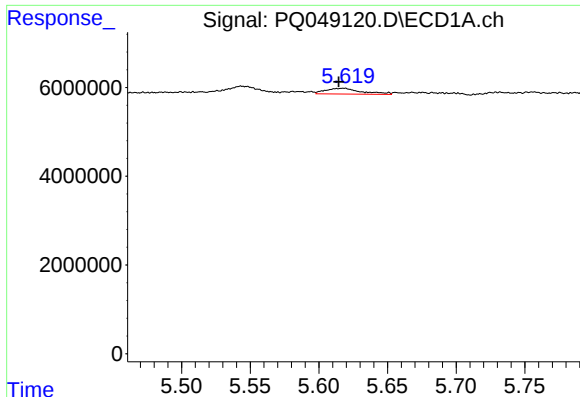
#8 AR-1221-1

R.T.: 5.544 min
Delta R.T.: 0.031 min
Response: 3040887
Conc: 40.67 ng/ml



#8 AR-1221-1

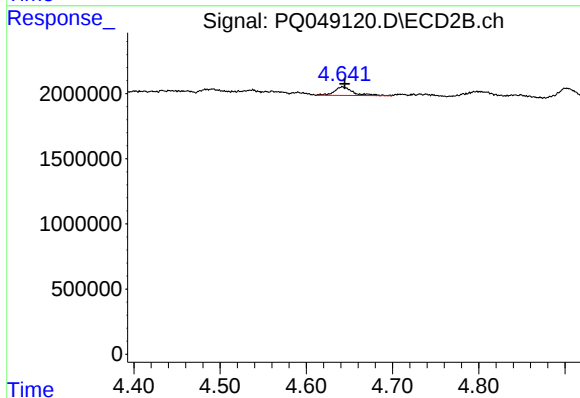
R.T.: 4.491 min
Delta R.T.: -0.053 min
Response: 724023
Conc: 15.88 ng/ml



#9 AR-1221-2

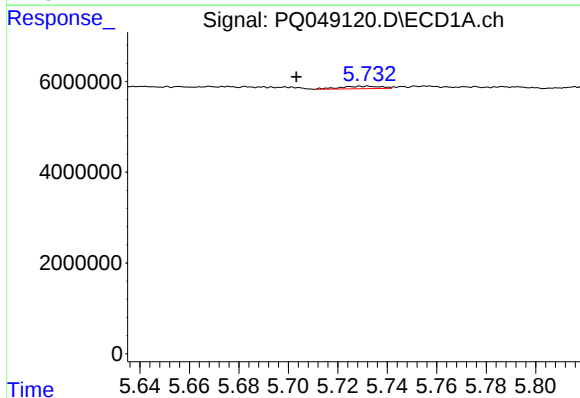
R.T.: 5.618 min
Delta R.T.: 0.004 min
Response: 2394041
Conc: 41.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



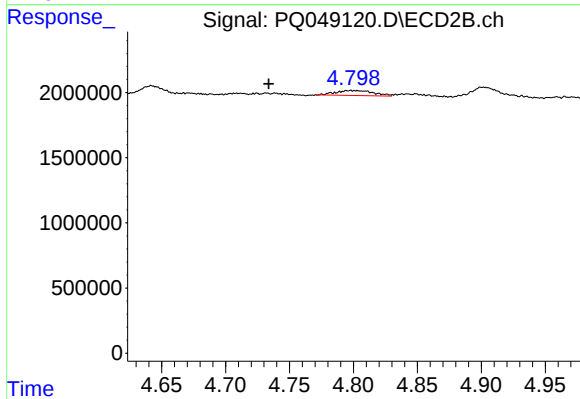
#9 AR-1221-2

R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 968488
Conc: 30.18 ng/ml



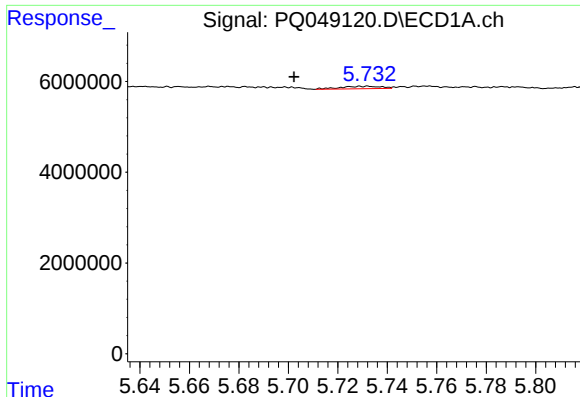
#10 AR-1221-3

R.T.: 5.732 min
Delta R.T.: 0.029 min
Response: 614729
Conc: 3.29 ng/ml



#10 AR-1221-3

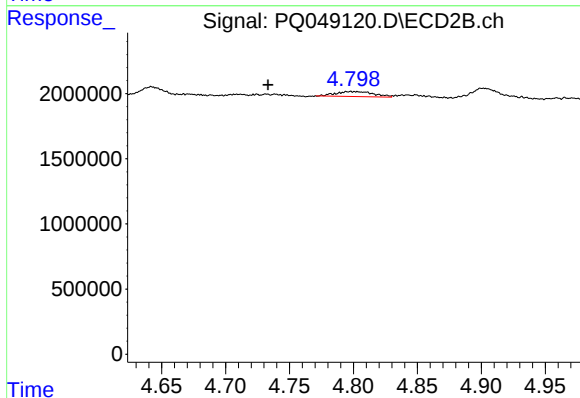
R.T.: 4.799 min
Delta R.T.: 0.065 min
Response: 780737
Conc: 7.14 ng/ml



#11 AR-1232-1

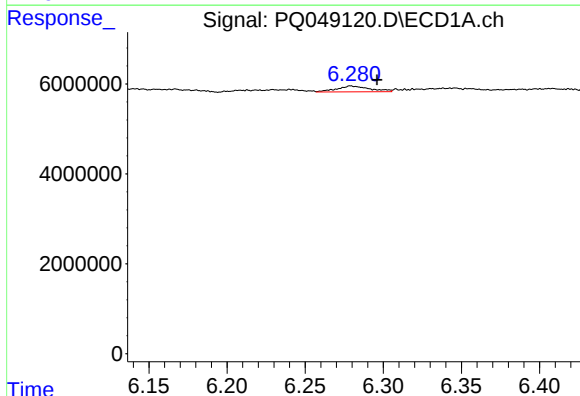
R.T.: 5.732 min
Delta R.T.: 0.029 min
Response: 614729
Conc: 4.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



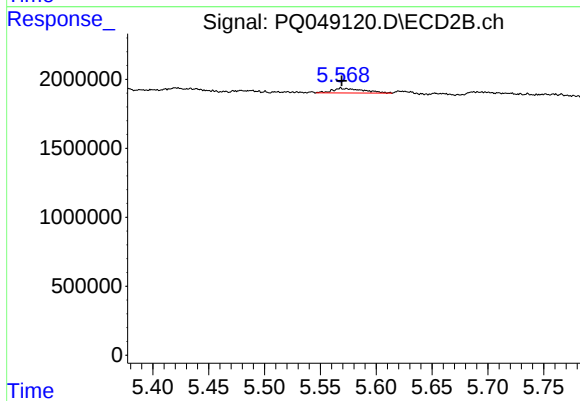
#11 AR-1232-1

R.T.: 4.799 min
Delta R.T.: 0.065 min
Response: 780737
Conc: 8.97 ng/ml



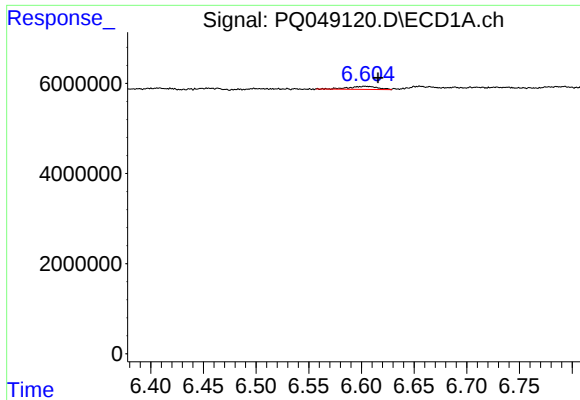
#12 AR-1232-2

R.T.: 6.279 min
Delta R.T.: -0.017 min
Response: 1914598
Conc: 24.48 ng/ml



#12 AR-1232-2

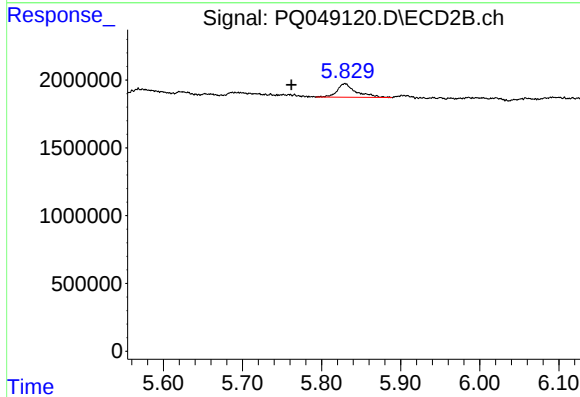
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 655638
Conc: 6.70 ng/ml



#13 AR-1232-3

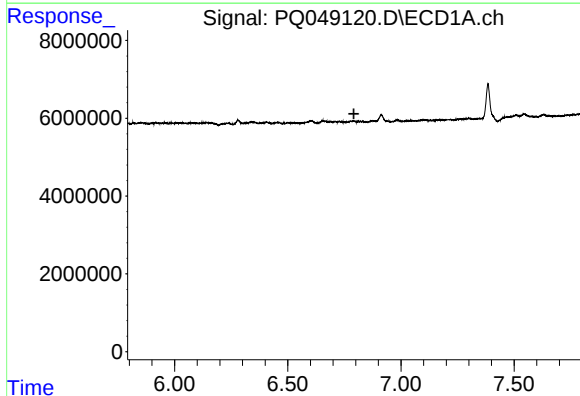
R.T.: 6.604 min
Delta R.T.: -0.012 min
Response: 1321719
Conc: 7.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



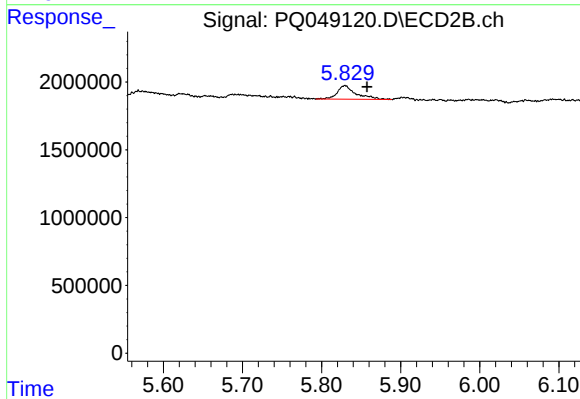
#13 AR-1232-3

R.T.: 5.830 min
Delta R.T.: 0.068 min
Response: 1660092
Conc: 34.49 ng/ml



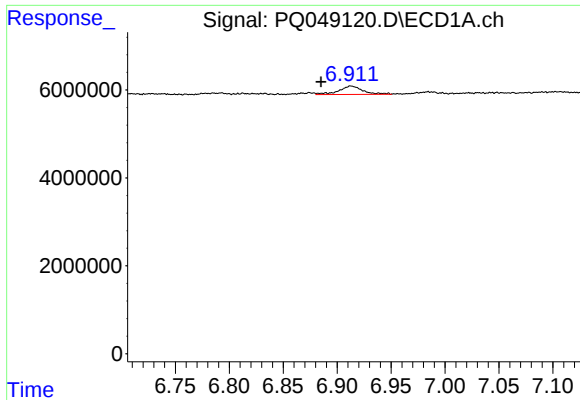
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.792 min
Response: 0
Conc: N.D.



#14 AR-1232-4

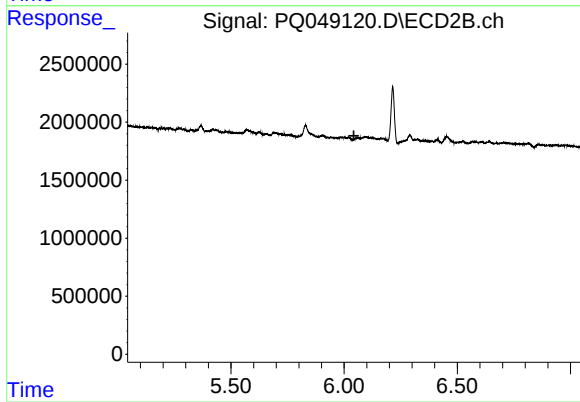
R.T.: 5.830 min
Delta R.T.: -0.028 min
Response: 1660092
Conc: 38.38 ng/ml



#15 AR-1232-5

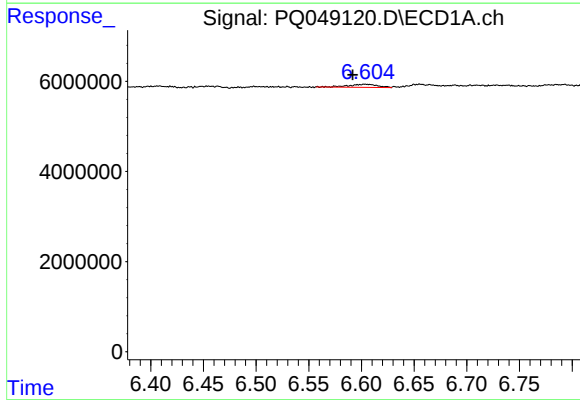
R.T.: 6.913 min
Delta R.T.: 0.028 min
Response: 2948835
Conc: 46.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



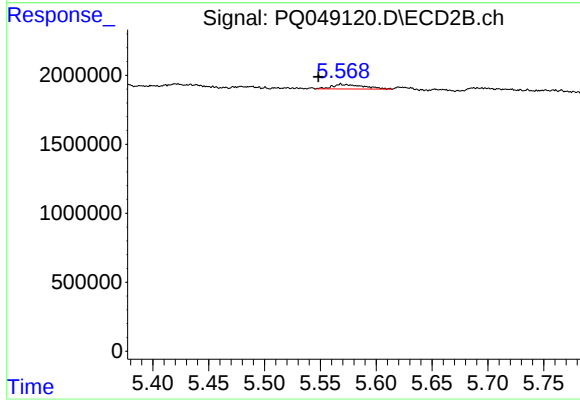
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.043 min
Response: 0
Conc: N.D.



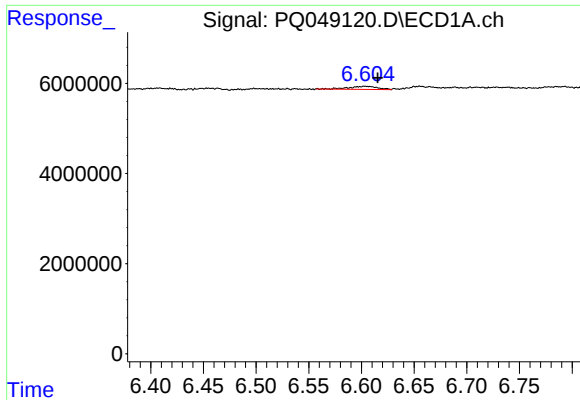
#16 AR-1242-1

R.T.: 6.604 min
Delta R.T.: 0.012 min
Response: 1321719
Conc: 5.63 ng/ml



#16 AR-1242-1

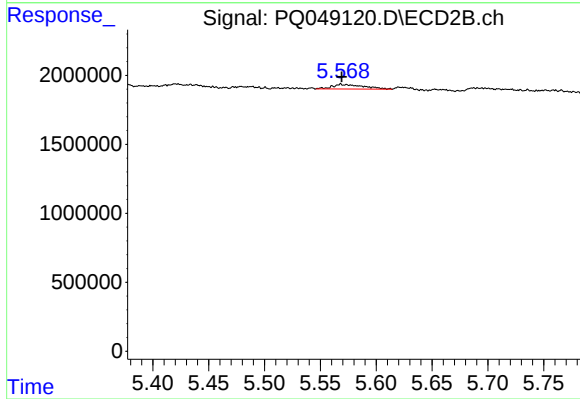
R.T.: 5.568 min
Delta R.T.: 0.020 min
Response: 655638
Conc: 4.72 ng/ml



#17 AR-1242-2

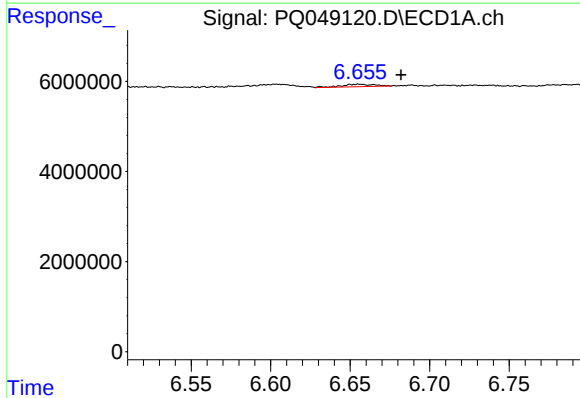
R.T.: 6.604 min
Delta R.T.: -0.012 min
Response: 1321719
Conc: 4.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



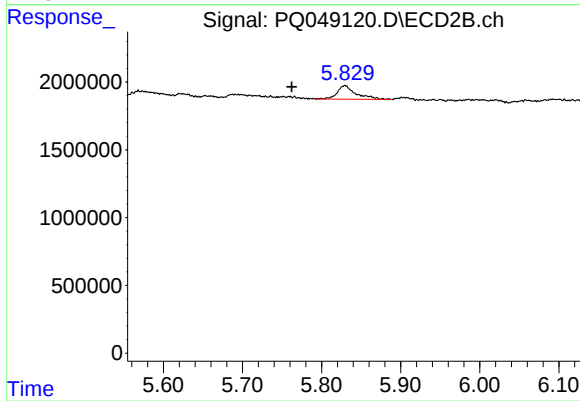
#17 AR-1242-2

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 655638
Conc: 3.49 ng/ml



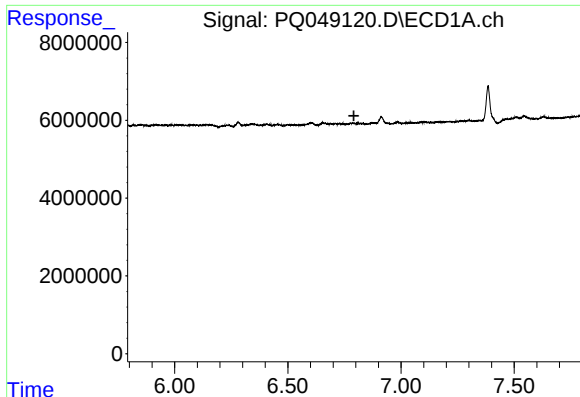
#18 AR-1242-3

R.T.: 6.656 min
Delta R.T.: -0.026 min
Response: 791457
Conc: 3.98 ng/ml



#18 AR-1242-3

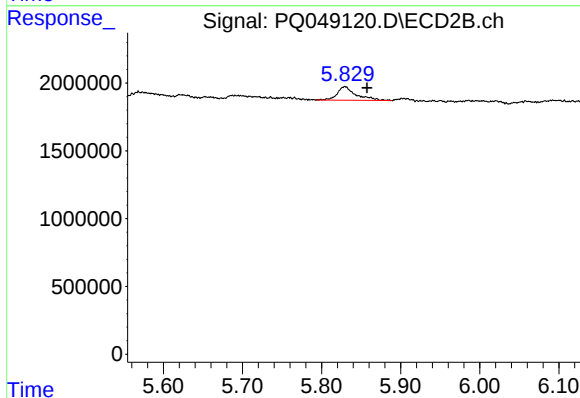
R.T.: 5.830 min
Delta R.T.: 0.067 min
Response: 1660092
Conc: 17.28 ng/ml



#19 AR-1242-4

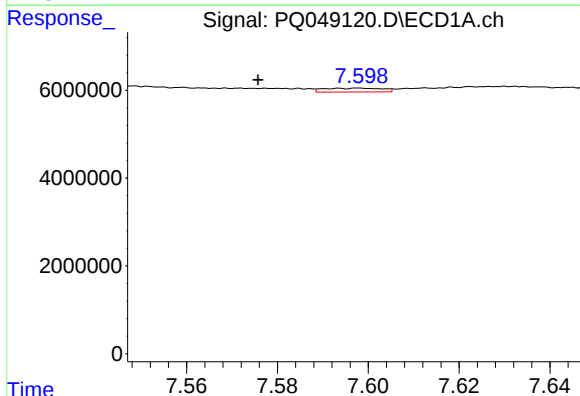
R.T.: 0.000 min
Exp R.T.: 6.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



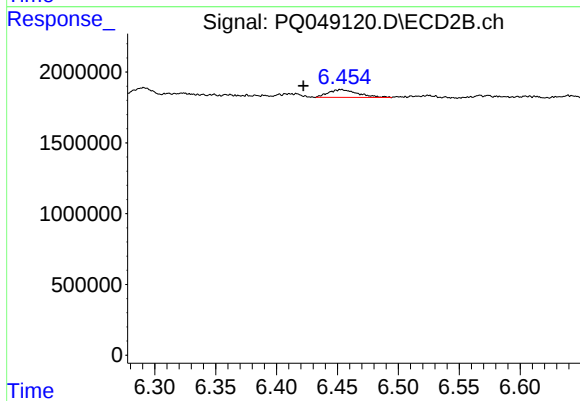
#19 AR-1242-4

R.T.: 5.830 min
Delta R.T.: -0.028 min
Response: 1660092
Conc: 17.50 ng/ml



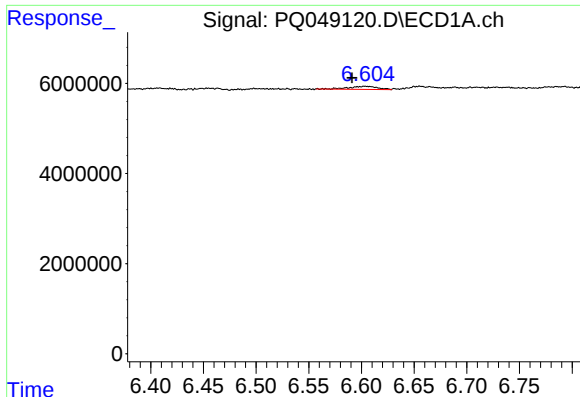
#20 AR-1242-5

R.T.: 7.598 min
Delta R.T.: 0.022 min
Response: 781879
Conc: 3.84 ng/ml



#20 AR-1242-5

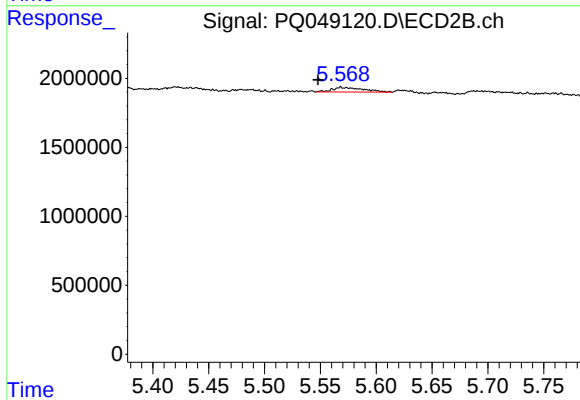
R.T.: 6.453 min
Delta R.T.: 0.031 min
Response: 916257
Conc: 6.59 ng/ml



#21 AR-1248-1

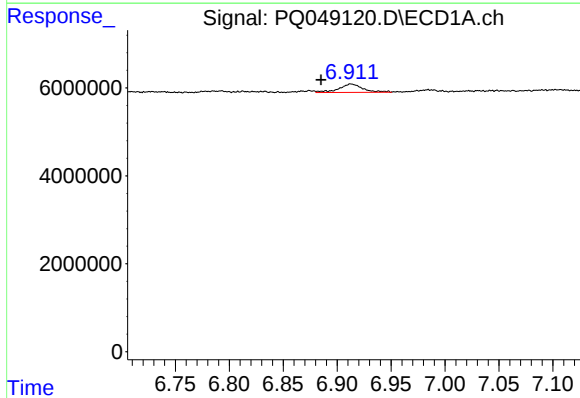
R.T.: 6.604 min
Delta R.T.: 0.013 min
Response: 1321719
Conc: 7.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



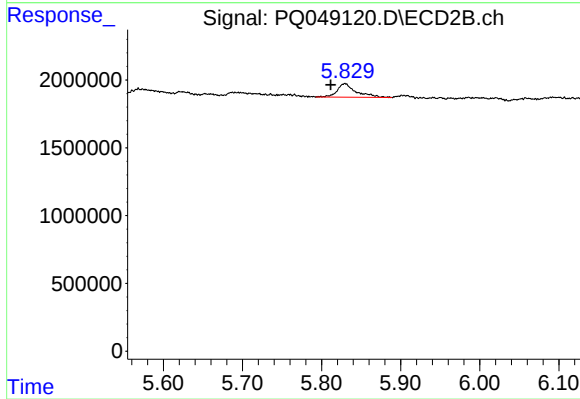
#21 AR-1248-1

R.T.: 5.568 min
Delta R.T.: 0.020 min
Response: 655638
Conc: 6.47 ng/ml



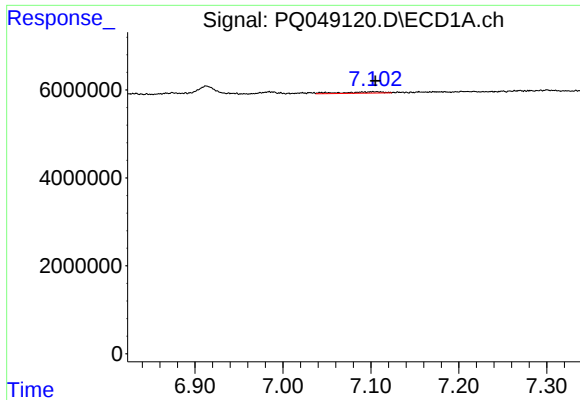
#22 AR-1248-2

R.T.: 6.913 min
Delta R.T.: 0.028 min
Response: 2948835
Conc: 13.09 ng/ml



#22 AR-1248-2

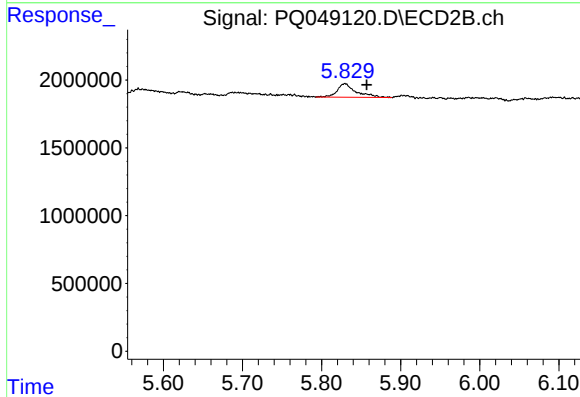
R.T.: 5.830 min
Delta R.T.: 0.018 min
Response: 1660092
Conc: 13.30 ng/ml



#23 AR-1248-3

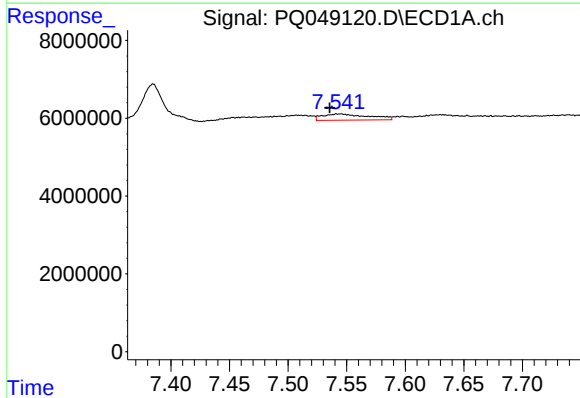
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 945599
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



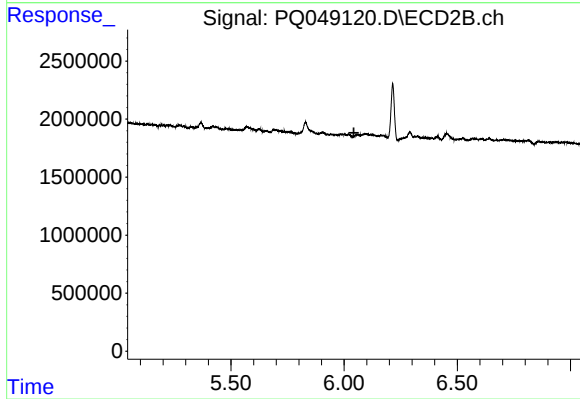
#23 AR-1248-3

R.T.: 5.830 min
Delta R.T.: -0.027 min
Response: 1660092
Conc: 12.88 ng/ml



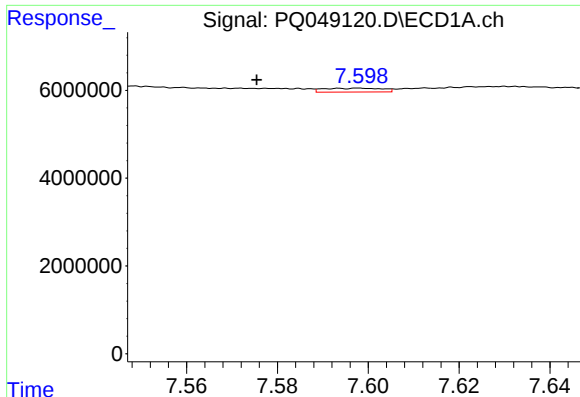
#24 AR-1248-4

R.T.: 7.545 min
Delta R.T.: 0.009 min
Response: 4396599
Conc: 13.77 ng/ml



#24 AR-1248-4

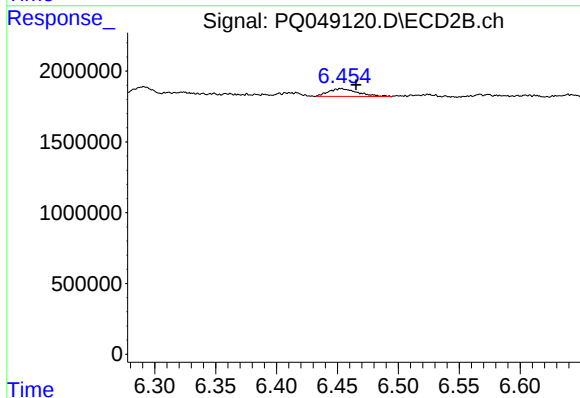
R.T.: 0.000 min
Exp R.T.: 6.043 min
Response: 0
Conc: N.D.



#25 AR-1248-5

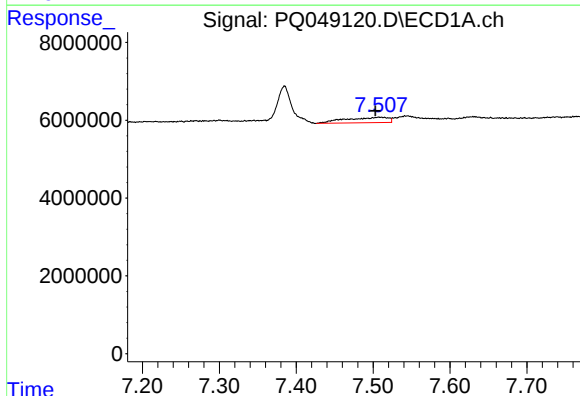
R.T.: 7.598 min
Delta R.T.: 0.023 min
Response: 781879
Conc: 2.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



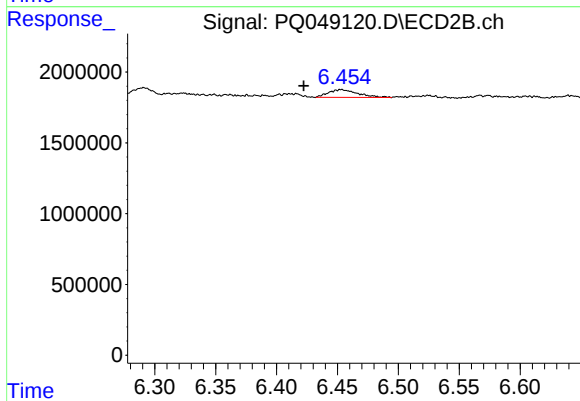
#25 AR-1248-5

R.T.: 6.453 min
Delta R.T.: -0.012 min
Response: 916257
Conc: 5.30 ng/ml



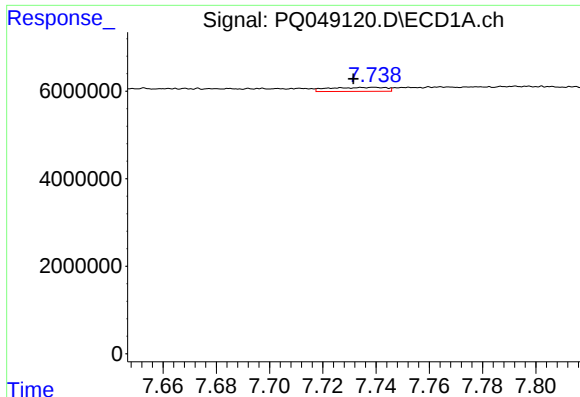
#26 AR-1254-1

R.T.: 7.508 min
Delta R.T.: 0.005 min
Response: 5341225
Conc: 16.57 ng/ml



#26 AR-1254-1

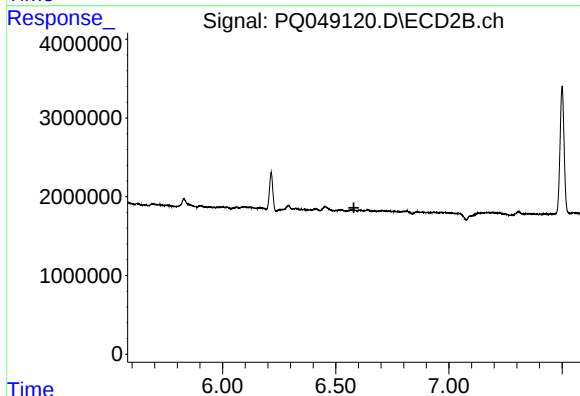
R.T.: 6.453 min
Delta R.T.: 0.031 min
Response: 916257
Conc: 3.37 ng/ml



#27 AR-1254-2

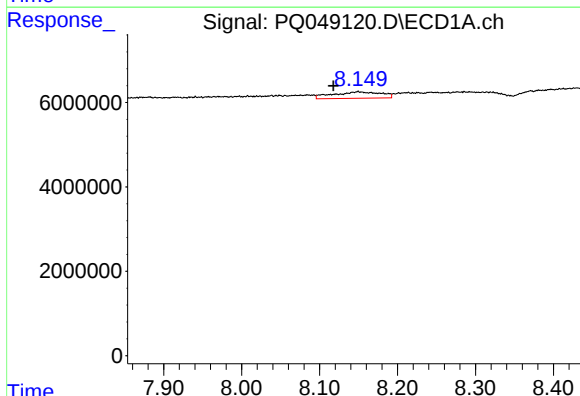
R.T.: 7.739 min
Delta R.T.: 0.008 min
Response: 1332785
Conc: 2.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



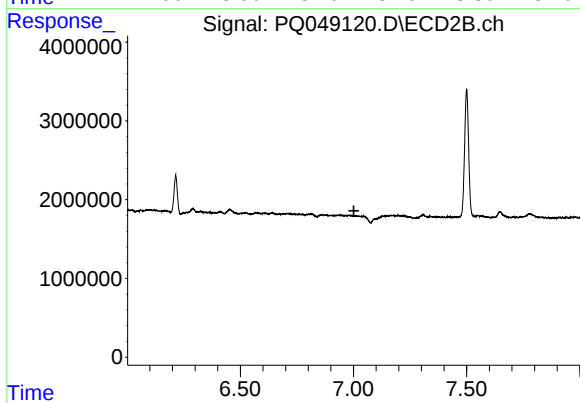
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.580 min
Response: 0
Conc: N.D.



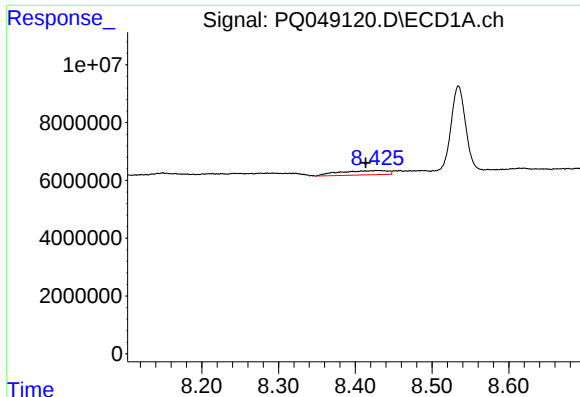
#28 AR-1254-3

R.T.: 8.150 min
Delta R.T.: 0.032 min
Response: 6542872
Conc: 12.24 ng/ml



#28 AR-1254-3

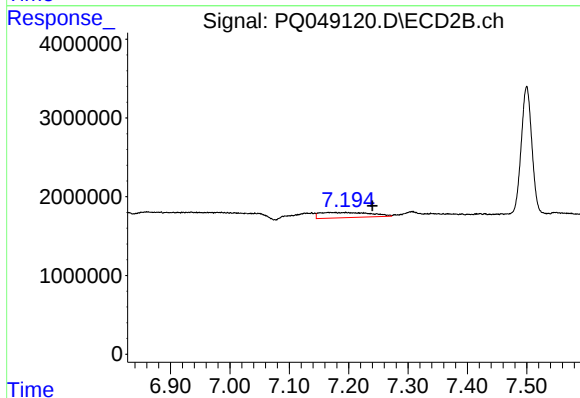
R.T.: 0.000 min
Exp R.T. : 7.002 min
Response: 0
Conc: N.D.



#29 AR-1254-4

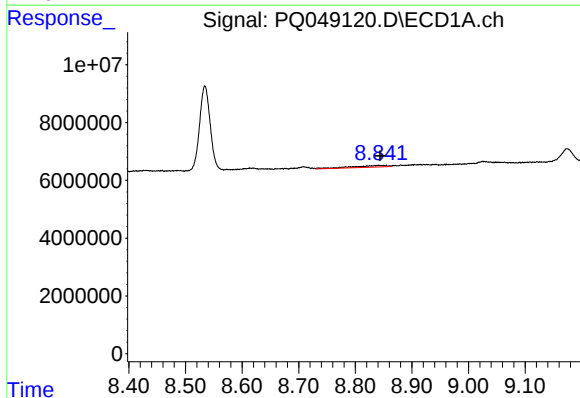
R.T.: 8.430 min
Delta R.T.: 0.016 min
Response: 6483698
Conc: 13.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



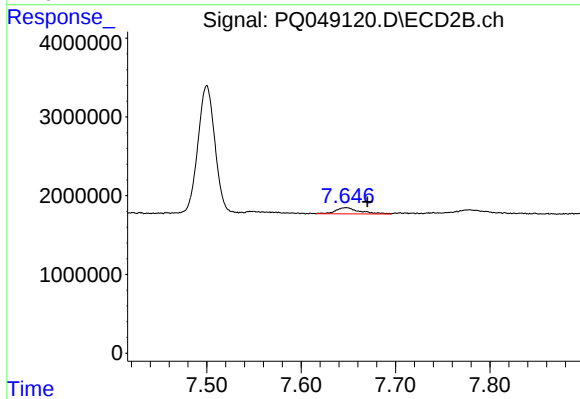
#29 AR-1254-4

R.T.: 7.195 min
Delta R.T.: -0.045 min
Response: 3907593
Conc: 14.49 ng/ml



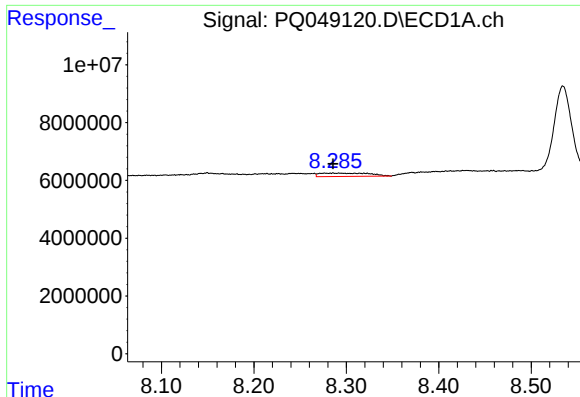
#30 AR-1254-5

R.T.: 8.851 min
Delta R.T.: 0.007 min
Response: 2563164
Conc: 5.34 ng/ml



#30 AR-1254-5

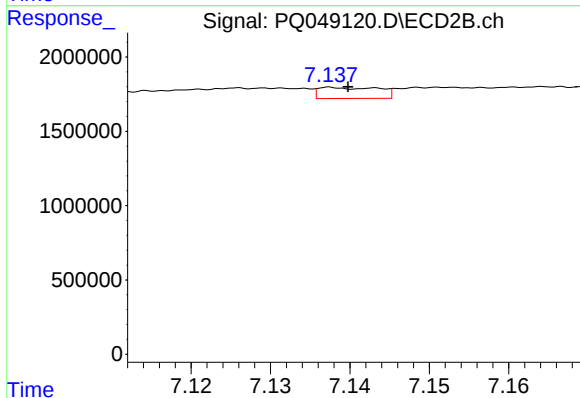
R.T.: 7.647 min
Delta R.T.: -0.023 min
Response: 1376639
Conc: 3.74 ng/ml



#31 AR-1260-1

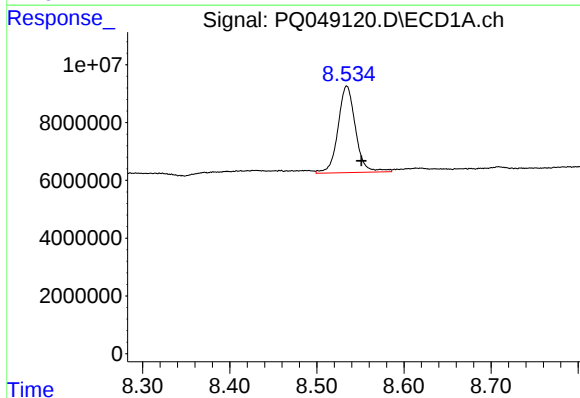
R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 4267396
Conc: 11.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



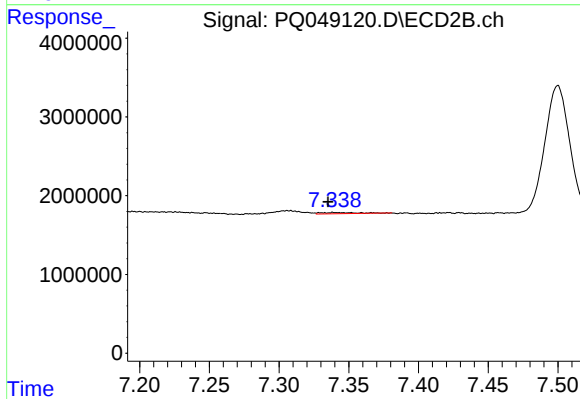
#31 AR-1260-1

R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 392567
Conc: 1.72 ng/ml



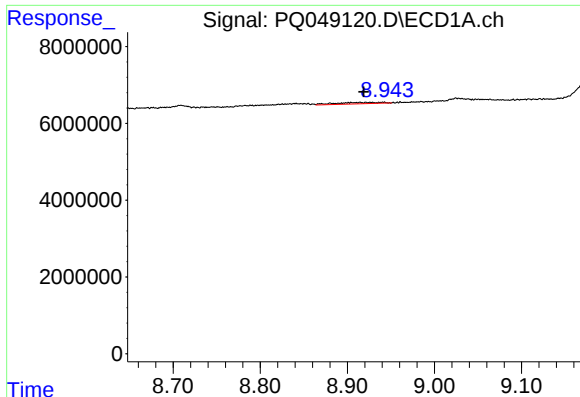
#32 AR-1260-2

R.T.: 8.534 min
Delta R.T.: -0.017 min
Response: 41824304
Conc: 84.11 ng/ml



#32 AR-1260-2

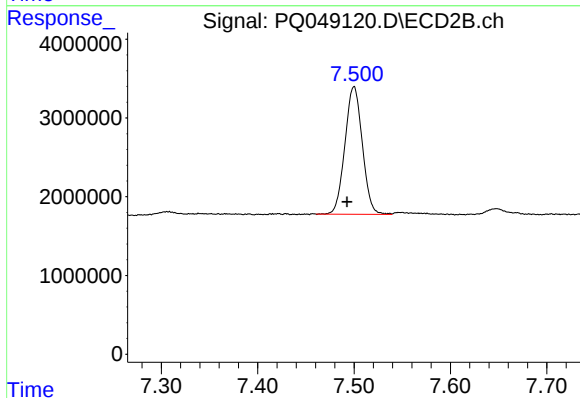
R.T.: 7.341 min
Delta R.T.: 0.005 min
Response: 238246
Conc: 0.82 ng/ml



#33 AR-1260-3

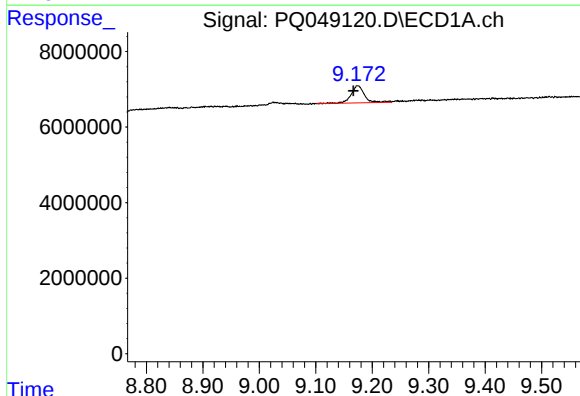
R.T.: 8.940 min
Delta R.T.: 0.021 min
Response: 1350612
Conc: 3.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



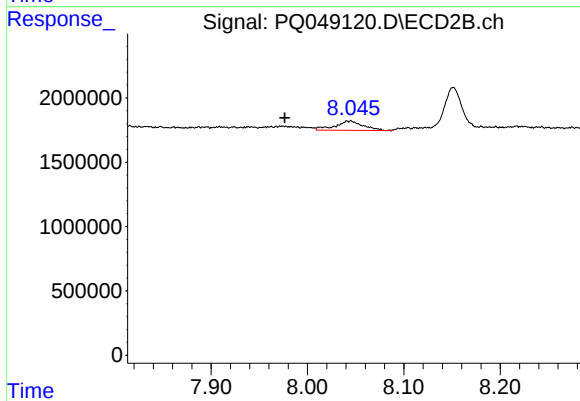
#33 AR-1260-3

R.T.: 7.500 min
Delta R.T.: 0.007 min
Response: 20271130
Conc: 78.37 ng/ml



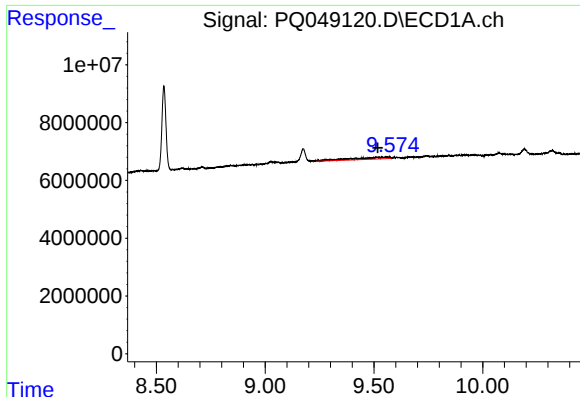
#34 AR-1260-4

R.T.: 9.175 min
Delta R.T.: 0.008 min
Response: 7409958
Conc: 17.77 ng/ml



#34 AR-1260-4

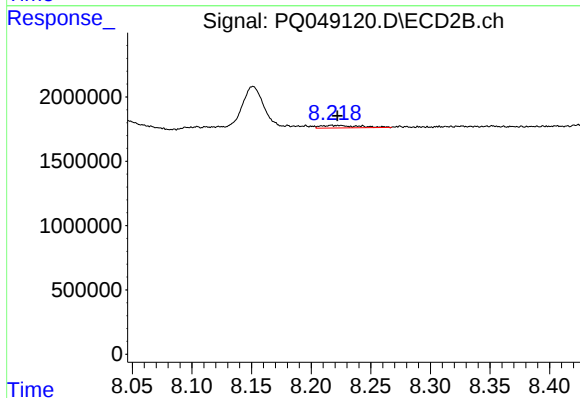
R.T.: 8.044 min
Delta R.T.: 0.067 min
Response: 1465709
Conc: 6.43 ng/ml



#35 AR-1260-5

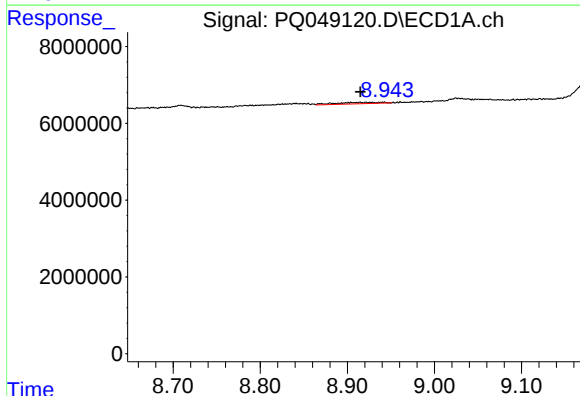
R.T.: 9.514 min
Delta R.T.: -0.003 min
Response: 8412908
Conc: 8.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



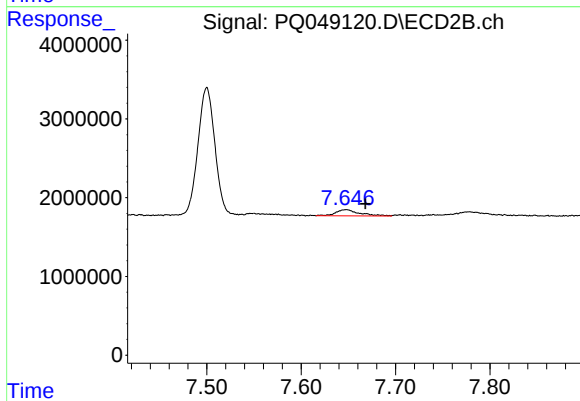
#35 AR-1260-5

R.T.: 8.218 min
Delta R.T.: -0.004 min
Response: 457145
Conc: 0.77 ng/ml



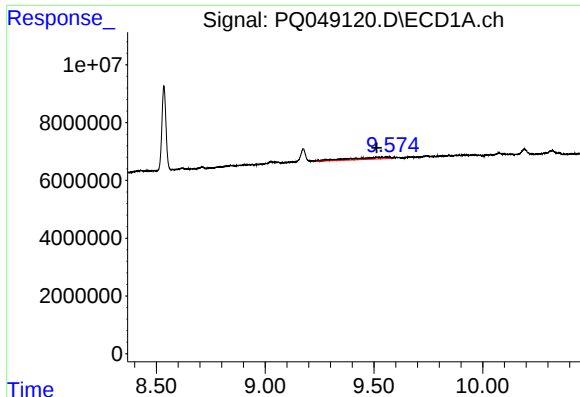
#36 AR-1262-1

R.T.: 8.940 min
Delta R.T.: 0.026 min
Response: 1350612
Conc: 1.88 ng/ml



#36 AR-1262-1

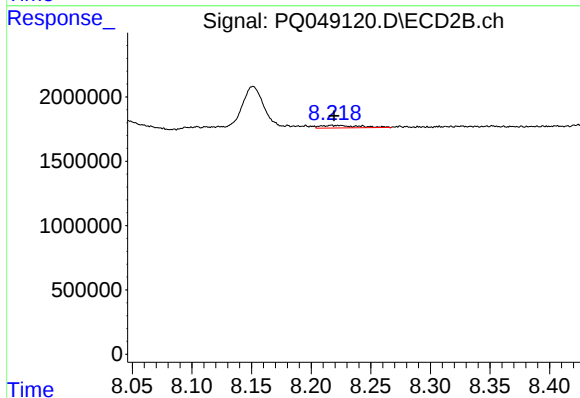
R.T.: 7.647 min
Delta R.T.: -0.021 min
Response: 1376639
Conc: 6.59 ng/ml



#37 AR-1262-2

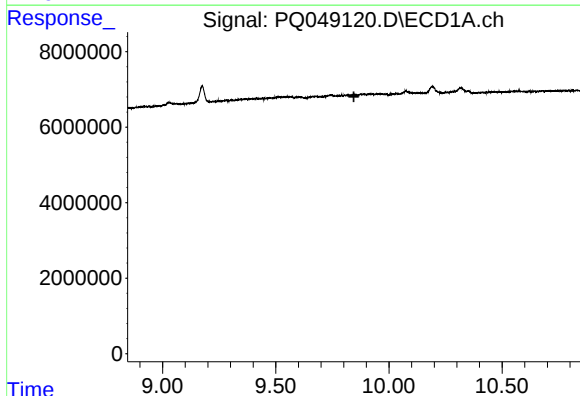
R.T.: 9.514 min
Delta R.T.: 0.001 min
Response: 8412908
Conc: 6.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



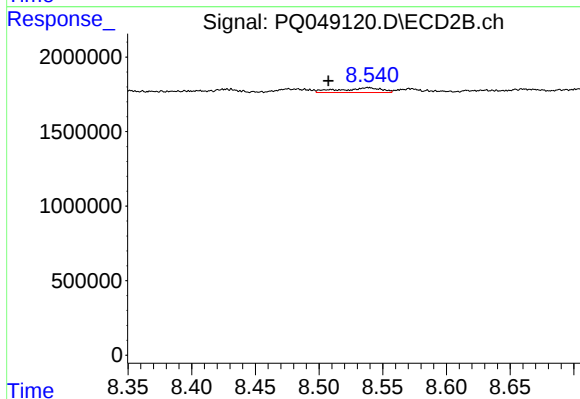
#37 AR-1262-2

R.T.: 8.218 min
Delta R.T.: -0.001 min
Response: 457145
Conc: 0.58 ng/ml



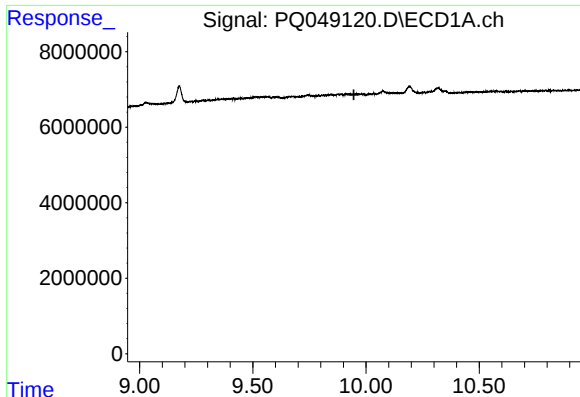
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.845 min
Response: 0
Conc: N.D.



#38 AR-1262-3

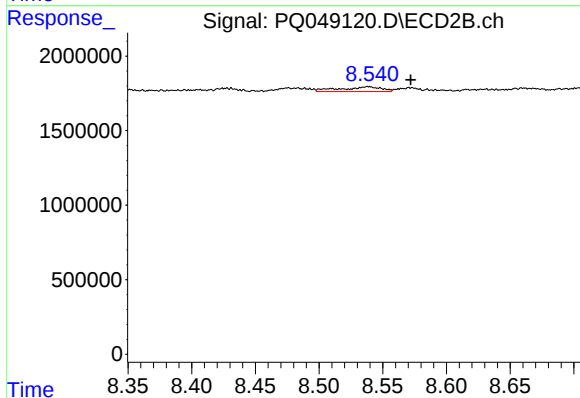
R.T.: 8.538 min
Delta R.T.: 0.031 min
Response: 721844
Conc: 2.24 ng/ml



#39 AR-1262-4

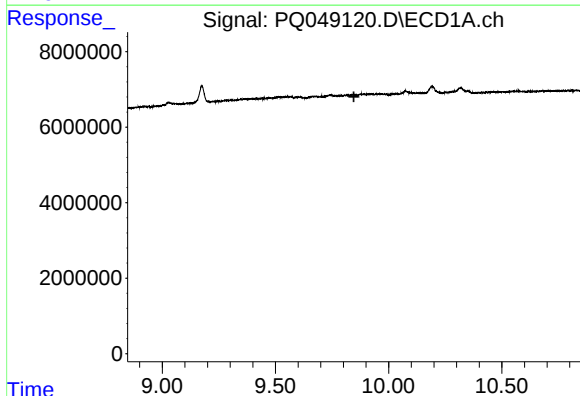
R.T.: 0.000 min
Exp R.T.: 9.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



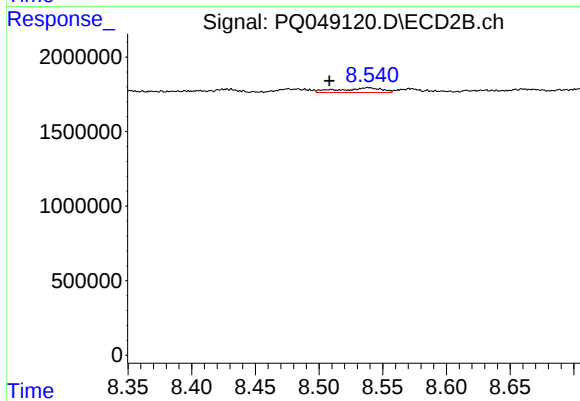
#39 AR-1262-4

R.T.: 8.538 min
Delta R.T.: -0.034 min
Response: 721844
Conc: 1.22 ng/ml



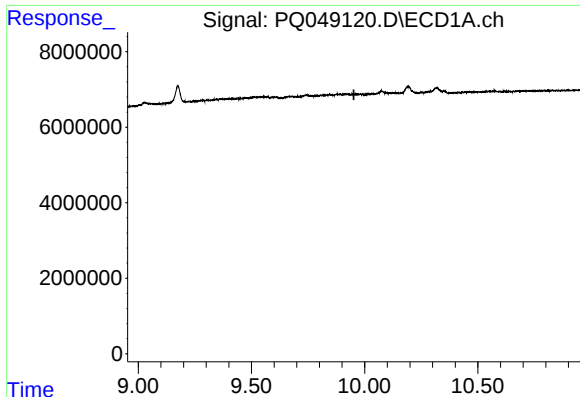
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.846 min
Response: 0
Conc: N.D.



#41 AR-1268-1

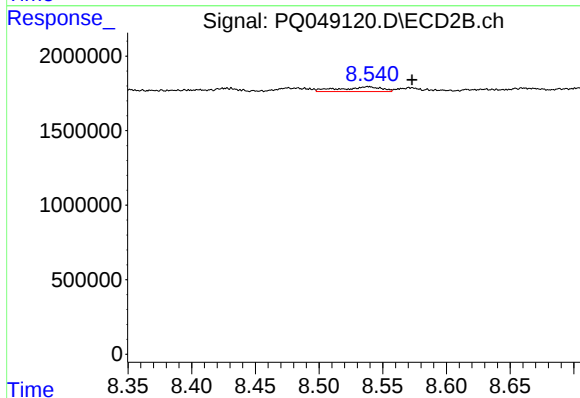
R.T.: 8.538 min
Delta R.T.: 0.030 min
Response: 721844
Conc: 0.78 ng/ml



#42 AR-1268-2

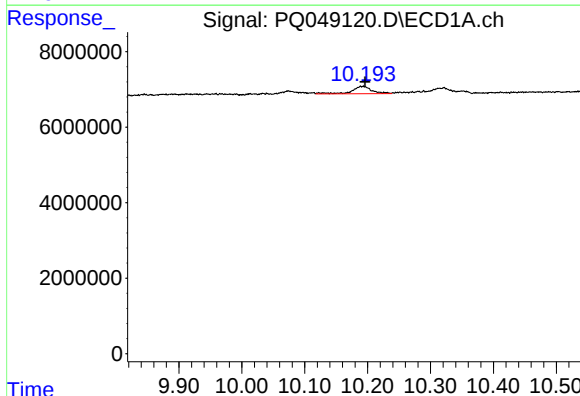
R.T.: 0.000 min
Exp R.T.: 9.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



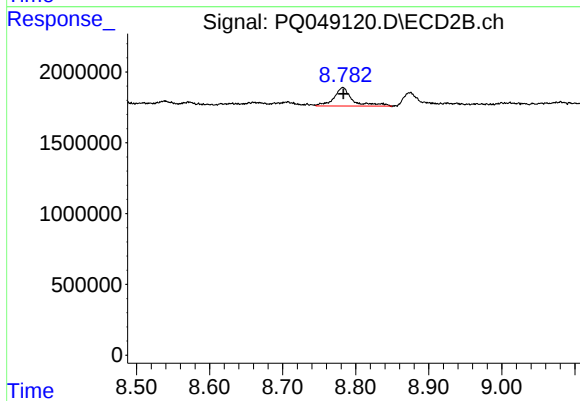
#42 AR-1268-2

R.T.: 8.538 min
Delta R.T.: -0.035 min
Response: 721844
Conc: 0.84 ng/ml



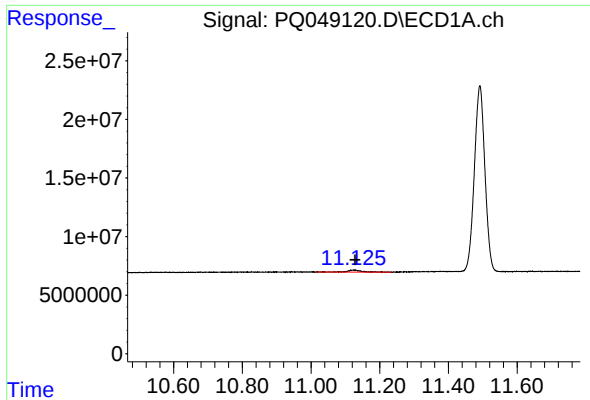
#43 AR-1268-3

R.T.: 10.192 min
Delta R.T.: -0.004 min
Response: 4309420
Conc: 3.12 ng/ml



#43 AR-1268-3

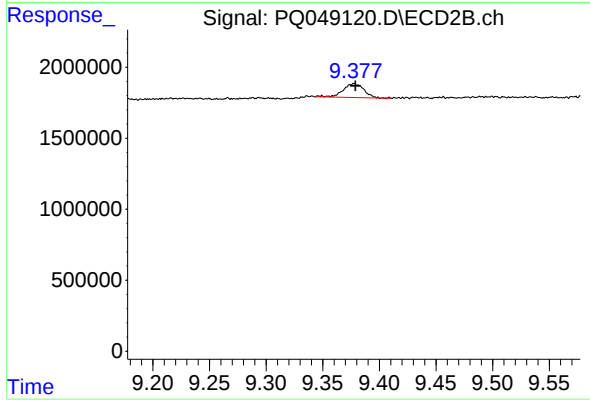
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 2312622
Conc: 3.21 ng/ml



#45 AR-1268-5

R.T.: 11.126 min
Delta R.T.: -0.003 min
Response: 4654529
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.378 min
Delta R.T.: -0.001 min
Response: 1243203
Conc: 0.54 ng/ml