

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 20:04
 Operator : DD\AJ
 Sample : M2262-01
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:57:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 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...	5.221	4.236	527.2E6	230.9E6	18.260	17.920
2)	SA Decachlor...	11.411	9.574	615.3E6	290.0E6	20.602	20.423
Target Compounds							
3)	L1 AR-1016-1	6.570f	0.000	870973	0	0.880	N.D. #
4)	L1 AR-1016-2	6.570	0.000	870973	0	0.566	N.D. #
5)	L1 AR-1016-3	6.647	0.000	1041784	0	1.138	N.D. #
6)	L1 AR-1016-4	6.747	0.000	3462286	0	4.698	N.D. #
8)	L2 AR-1221-1	5.465	4.518f	1973456	4868001	6.764	36.397 #
9)	L2 AR-1221-2	5.577	4.591	22598810	9940499	106.400	99.106
10)	L2 AR-1221-3	5.656	4.680	12675742	2095288	18.162	6.425 #
11)	L3 AR-1232-1	5.656	4.680	12675742	2095288	24.599	8.834 #
12)	L3 AR-1232-2	6.242	0.000	22918786	0	82.305	N.D. #
13)	L3 AR-1232-3	6.570	0.000	870973	0	1.484	N.D. #
14)	L3 AR-1232-4	6.747	0.000	3462286	0	12.685	N.D. #
15)	L3 AR-1232-5	6.834	0.000	4060437	0	20.417	N.D. #
16)	L4 AR-1242-1	6.570f	0.000	870973	0	1.246	N.D. #
17)	L4 AR-1242-2	6.570	0.000	870973	0	0.804	N.D. #
18)	L4 AR-1242-3	6.647	0.000	1041784	0	1.604	N.D. #
19)	L4 AR-1242-4	6.747	0.000	3462286	0	6.613	N.D. #
20)	L4 AR-1242-5	7.527	0.000	6795753	0	11.642	N.D. #
21)	L5 AR-1248-1	6.570f	0.000	870973	0	1.674	N.D. #
22)	L5 AR-1248-2	6.834	0.000	4060437	0	5.356	N.D. #
24)	L5 AR-1248-4	7.498	0.000	6081050	0	6.251	N.D. #
25)	L5 AR-1248-5	7.527	6.402	6795753	6135317	6.951	14.467 #
26)	L6 AR-1254-1	7.460	0.000	18462571	0	18.965	N.D. #
27)	L6 AR-1254-2	7.691	6.540	6299081	5244405	4.173	8.423 #
28)	L6 AR-1254-3	8.089f	0.000	9049232	0	5.791	N.D. #
29)	L6 AR-1254-4	8.355	7.185	3831188	3392298	3.303	5.463 #
30)	L6 AR-1254-5	8.793	0.000	683349	0	0.531	N.D. #
31)	L7 AR-1260-1	8.247	0.000	1685318	0	1.237	N.D. #
32)	L7 AR-1260-2	8.511	7.282	4003278	1056550	2.330	0.931 #
33)	L7 AR-1260-3	8.864	0.000	17420961	0	14.454	N.D. #
34)	L7 AR-1260-4	9.123f	7.917	22957112	19745840	18.025	27.175 #
35)	L7 AR-1260-5	9.452	8.165	8872459	22269847	3.228	11.626 #
36)	L8 AR-1262-1	8.864	0.000	17420961	0	10.061	N.D. #
37)	L8 AR-1262-2	9.452	8.165	8872459	22269847	2.929	10.874 #
38)	L8 AR-1262-3	9.784	8.451	98799320	66531172	48.081	78.989 #
39)	L8 AR-1262-4	9.887	8.517	91819860	53012240	53.791	37.356 #
40)	L8 AR-1262-5	10.601	9.018	33159352	17570117	29.131	28.498
41)	L9 AR-1268-1	9.784	8.451	98799320	66531172	28.101	28.715
42)	L9 AR-1268-2	9.887	8.517	91819860	53012240	27.498	27.258
43)	L9 AR-1268-3	10.130	8.725	81935943	42400115	27.955	24.866

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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	10.601	9.018	33159352	17570117	28.770	27.438
45) L9	AR-1268-5	11.046	9.316	260.0E6	126.7E6	27.817	26.166

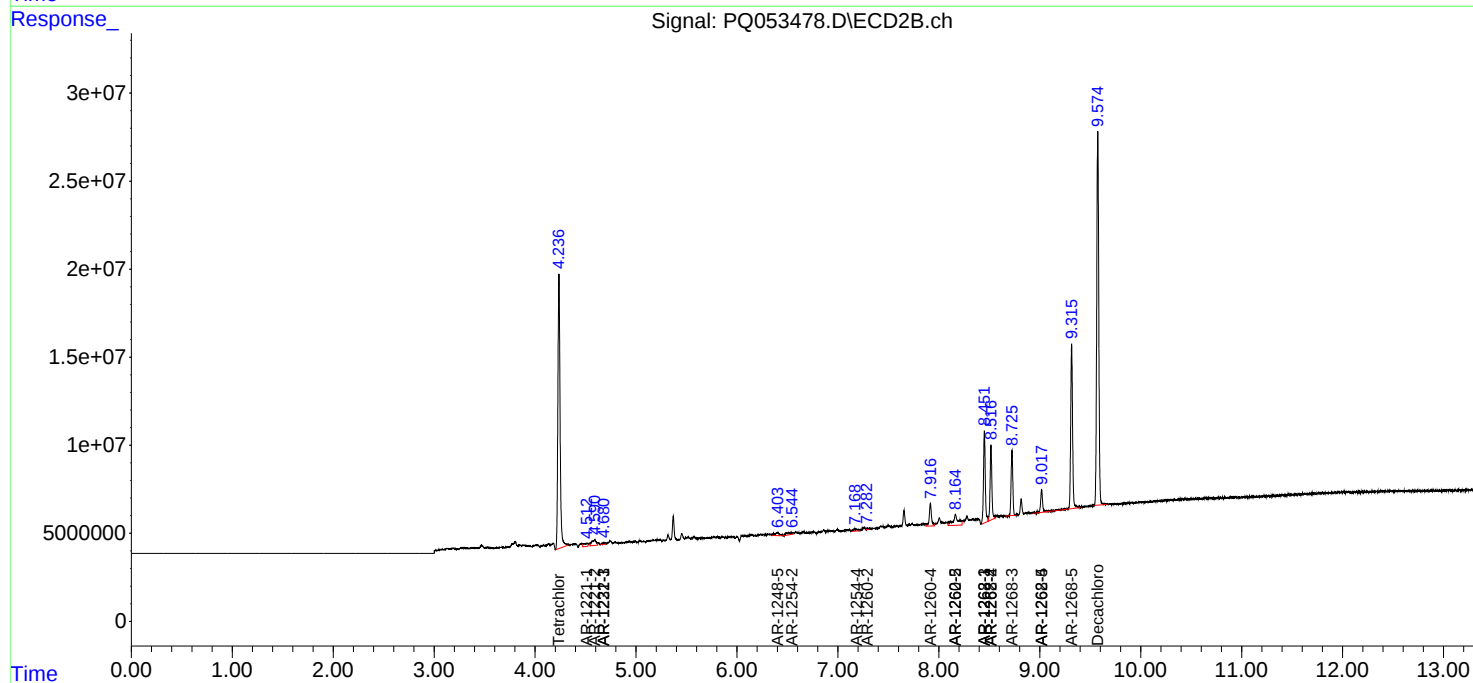
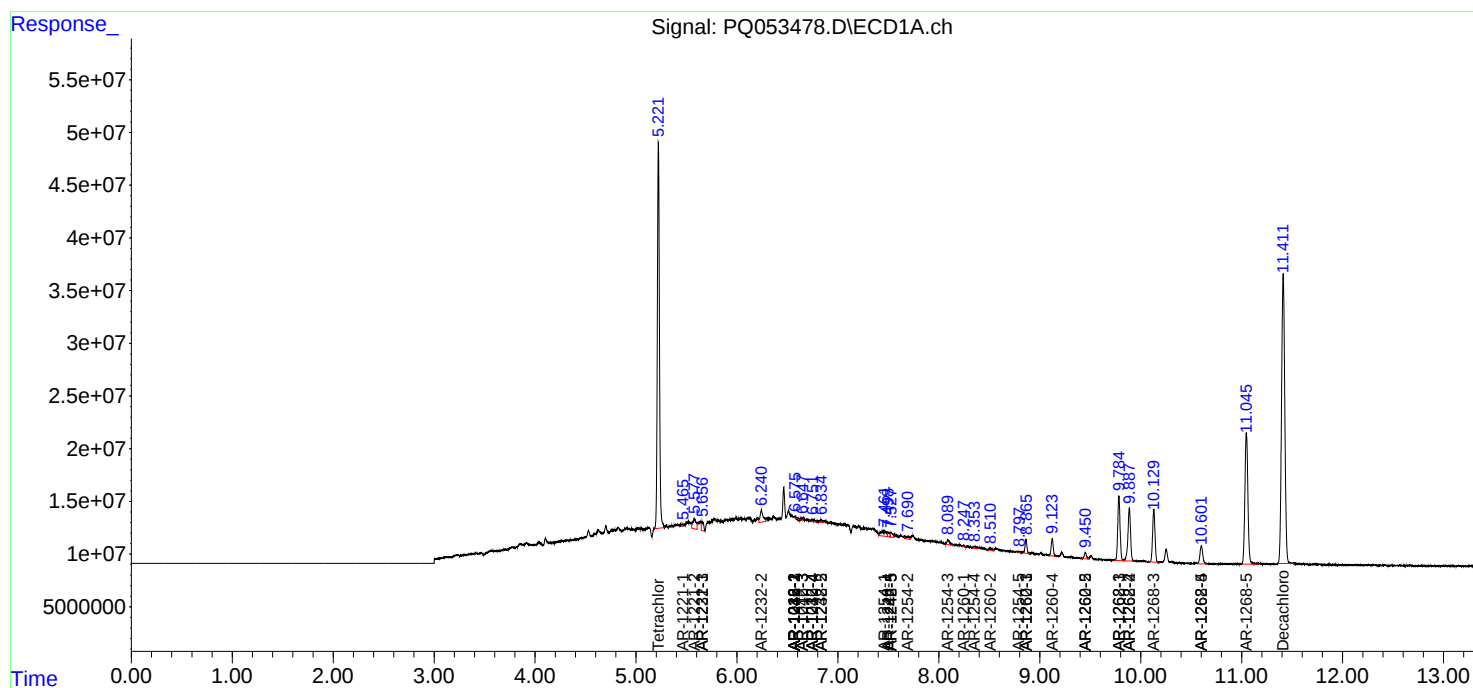
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

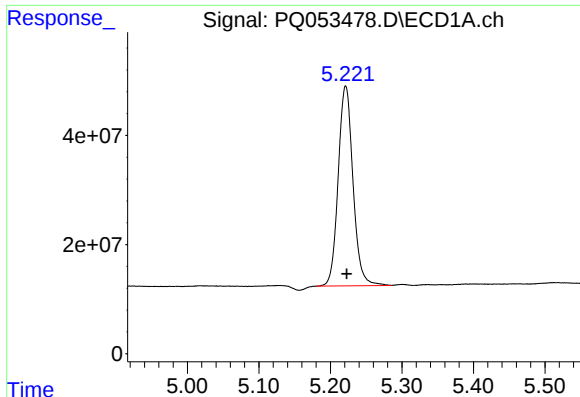
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

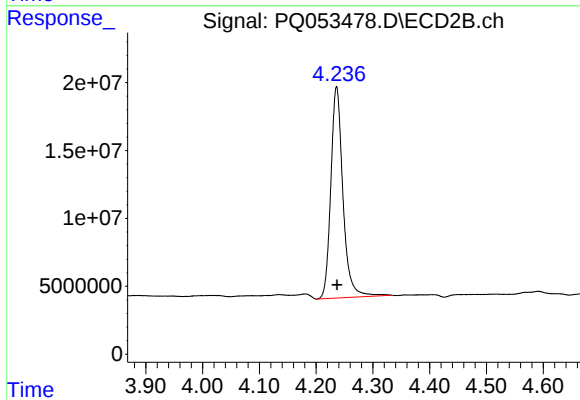




#1 Tetrachloro-m-xylene

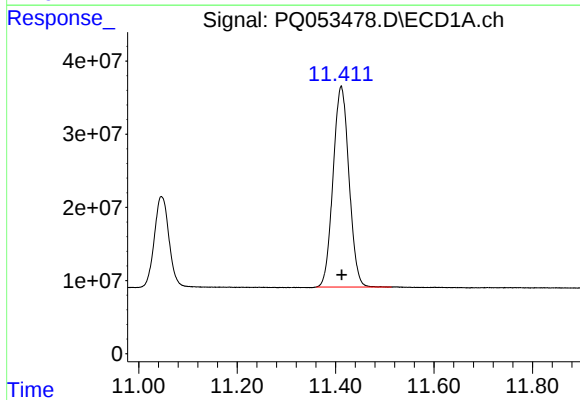
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 527160728
Conc: 18.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



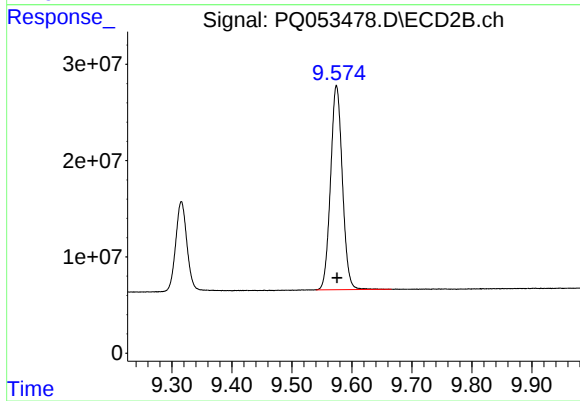
#1 Tetrachloro-m-xylene

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 230893677
Conc: 17.92 ng/ml



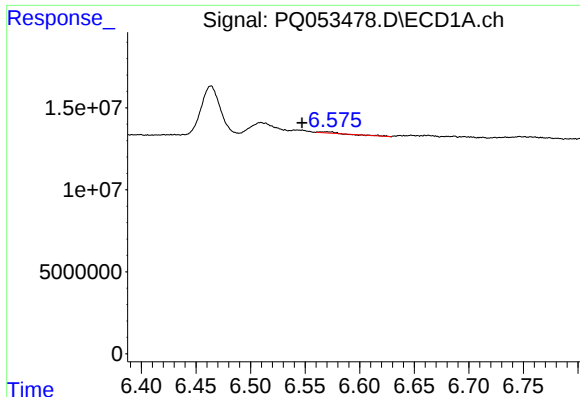
#2 Decachlorobiphenyl

R.T.: 11.411 min
Delta R.T.: 0.000 min
Response: 615326530
Conc: 20.60 ng/ml



#2 Decachlorobiphenyl

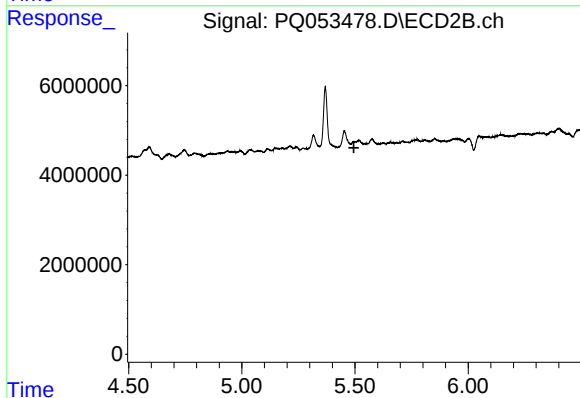
R.T.: 9.574 min
Delta R.T.: 0.000 min
Response: 289961153
Conc: 20.42 ng/ml



#3 AR-1016-1

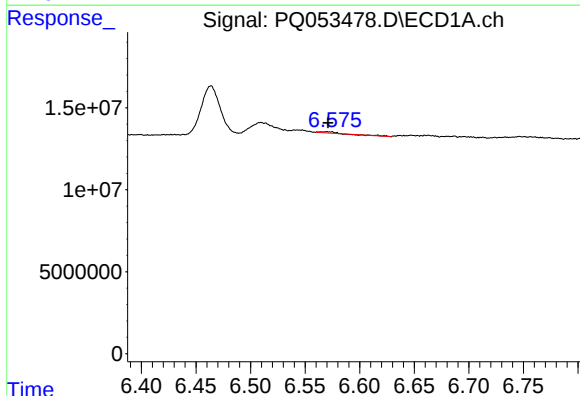
R.T.: 6.570 min
Delta R.T.: 0.023 min
Response: 870973
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



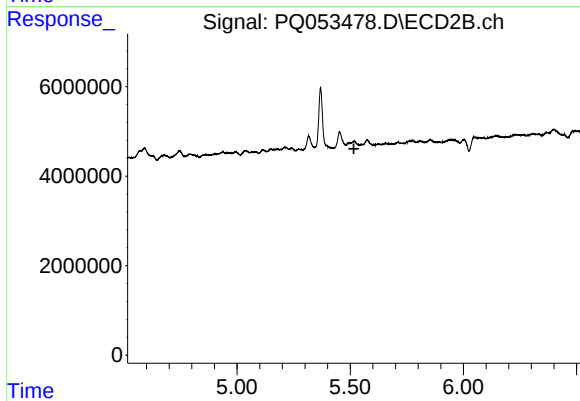
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



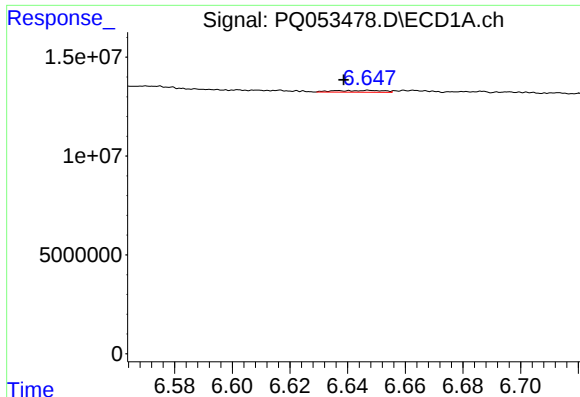
#4 AR-1016-2

R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 870973
Conc: 0.57 ng/ml



#4 AR-1016-2

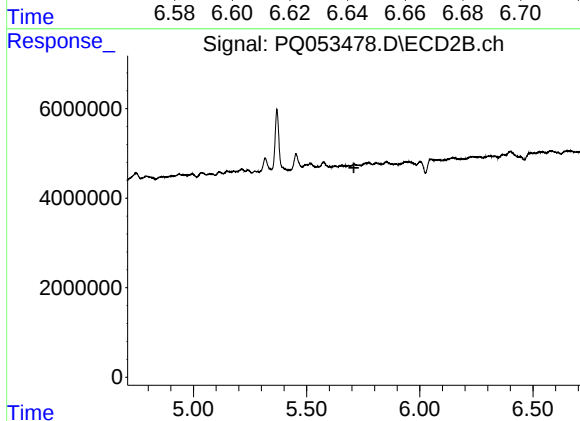
R.T.: 0.000 min
Exp R.T. : 5.516 min
Response: 0
Conc: N.D.



#5 AR-1016-3

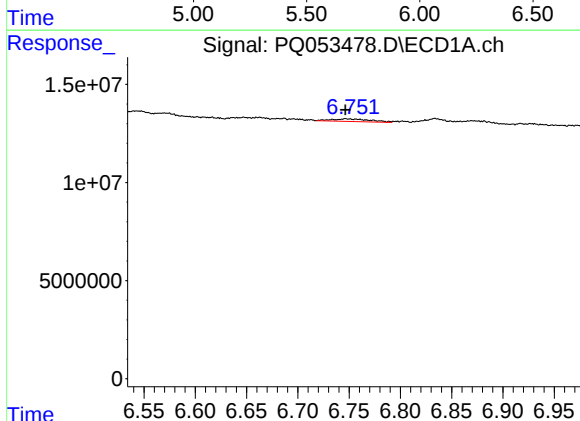
R.T.: 6.647 min
Delta R.T.: 0.009 min
Response: 1041784
Conc: 1.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



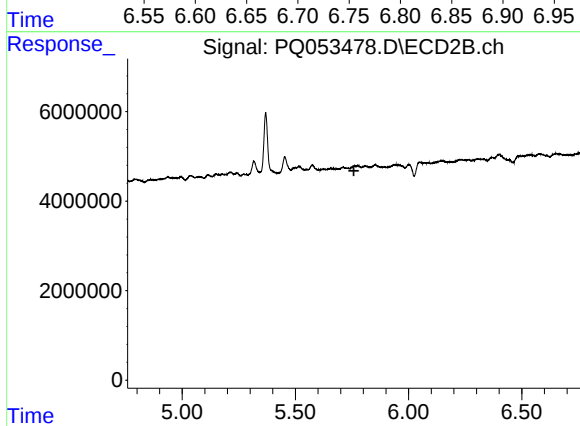
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.709 min
Response: 0
Conc: N.D.



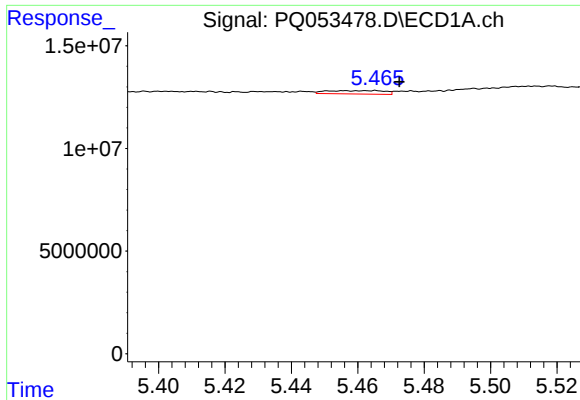
#6 AR-1016-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 3462286
Conc: 4.70 ng/ml



#6 AR-1016-4

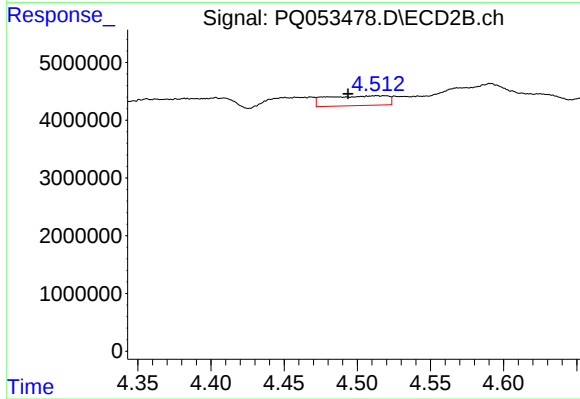
R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#8 AR-1221-1

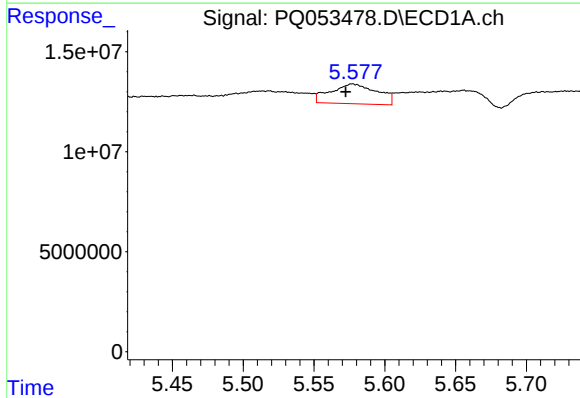
R.T.: 5.465 min
Delta R.T.: -0.008 min
Response: 1973456
Conc: 6.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



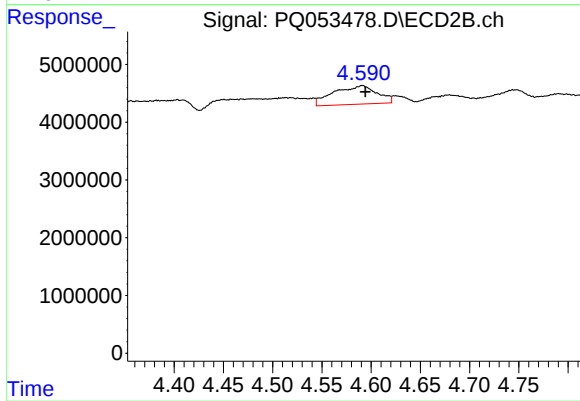
#8 AR-1221-1

R.T.: 4.518 min
Delta R.T.: 0.025 min
Response: 4868001
Conc: 36.40 ng/ml



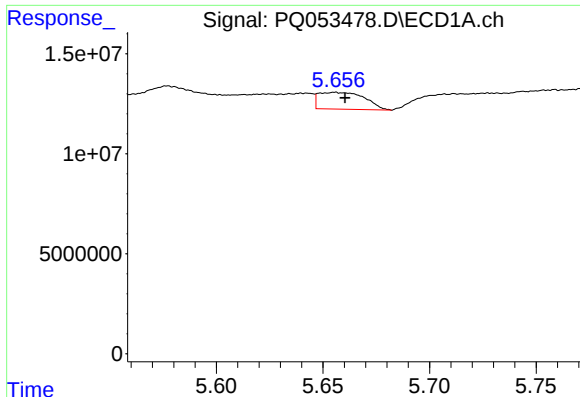
#9 AR-1221-2

R.T.: 5.577 min
Delta R.T.: 0.005 min
Response: 22598810
Conc: 106.40 ng/ml



#9 AR-1221-2

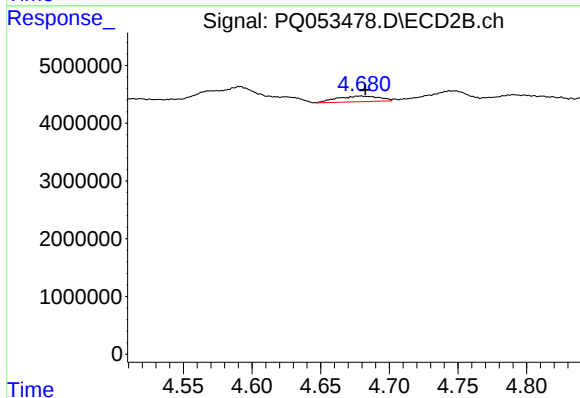
R.T.: 4.591 min
Delta R.T.: -0.003 min
Response: 9940499
Conc: 99.11 ng/ml



#10 AR-1221-3

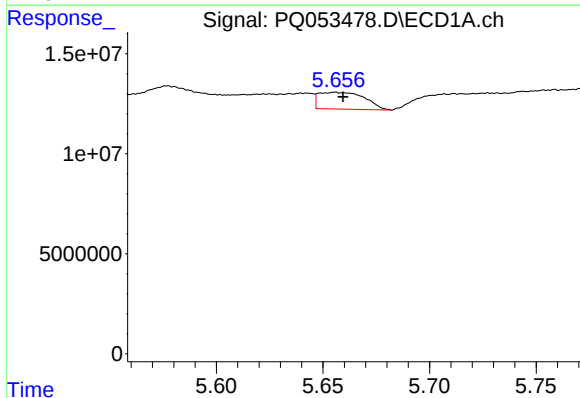
R.T.: 5.656 min
Delta R.T.: -0.005 min
Response: 12675742
Conc: 18.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



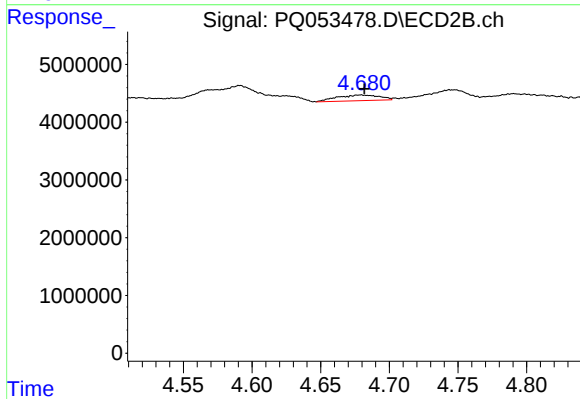
#10 AR-1221-3

R.T.: 4.680 min
Delta R.T.: -0.003 min
Response: 2095288
Conc: 6.43 ng/ml



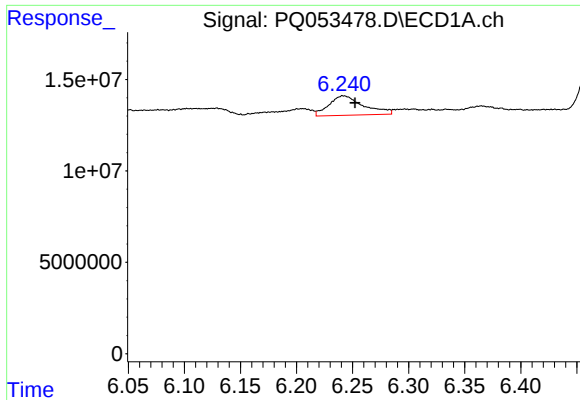
#11 AR-1232-1

R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 12675742
Conc: 24.60 ng/ml



#11 AR-1232-1

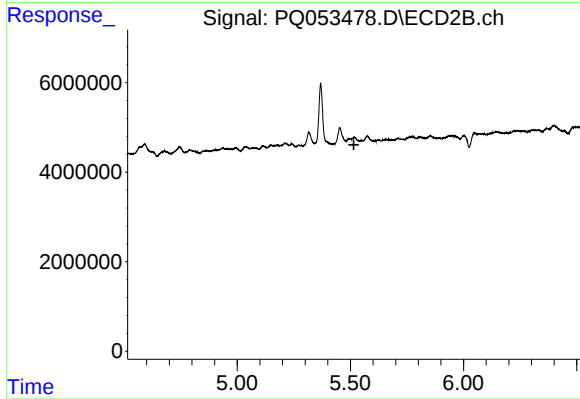
R.T.: 4.680 min
Delta R.T.: -0.002 min
Response: 2095288
Conc: 8.83 ng/ml



#12 AR-1232-2

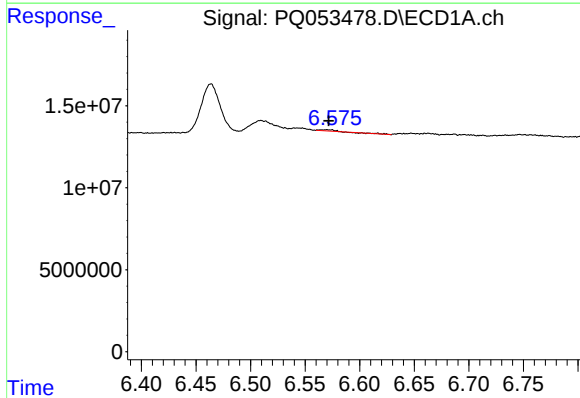
R.T.: 6.242 min
Delta R.T.: -0.010 min
Response: 22918786
Conc: 82.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



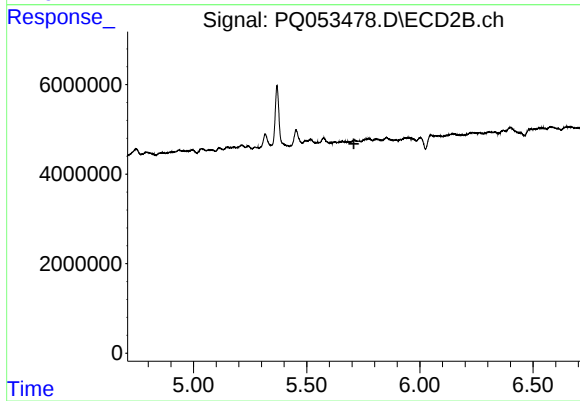
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



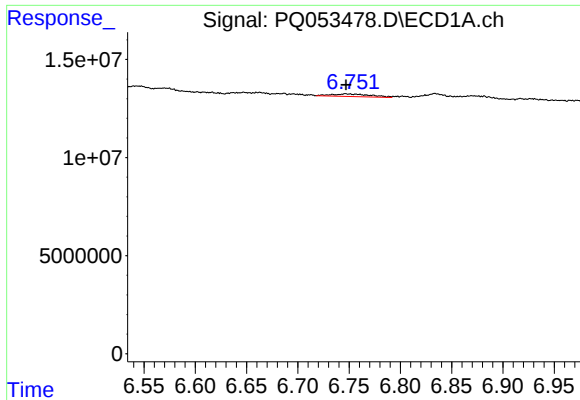
#13 AR-1232-3

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 870973
Conc: 1.48 ng/ml



#13 AR-1232-3

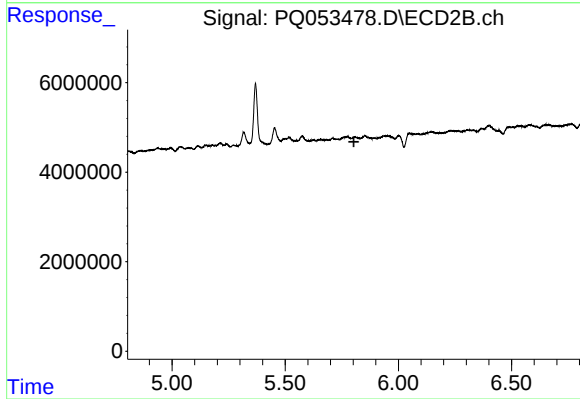
R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#14 AR-1232-4

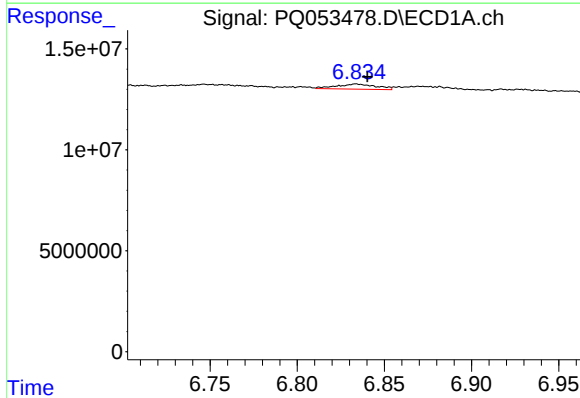
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 3462286
Conc: 12.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



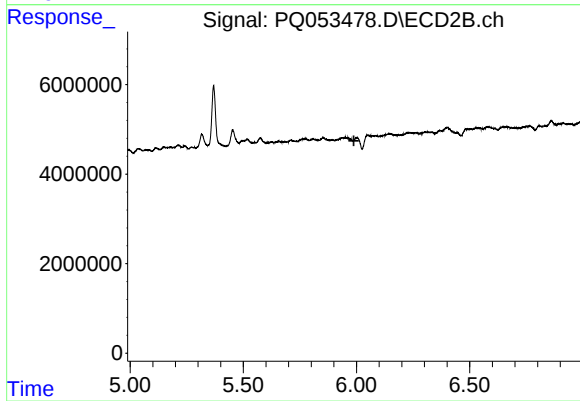
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



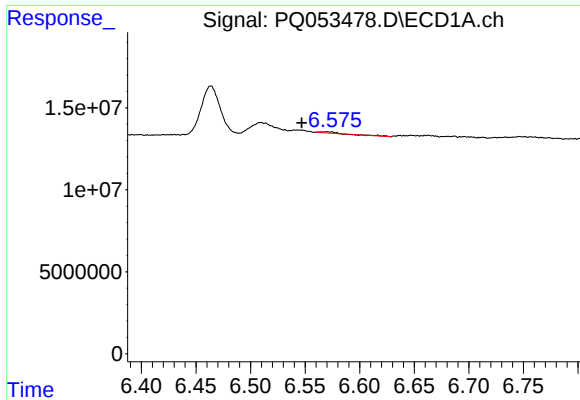
#15 AR-1232-5

R.T.: 6.834 min
Delta R.T.: -0.006 min
Response: 4060437
Conc: 20.42 ng/ml



#15 AR-1232-5

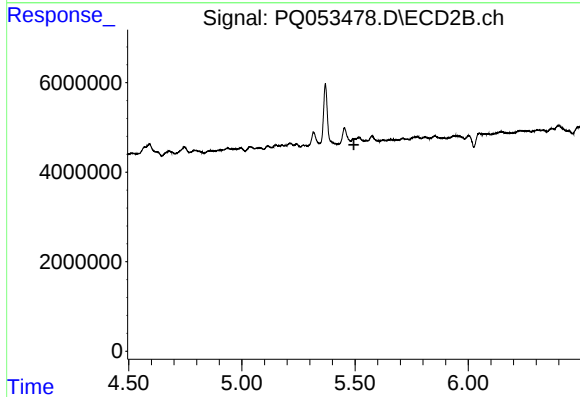
R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



#16 AR-1242-1

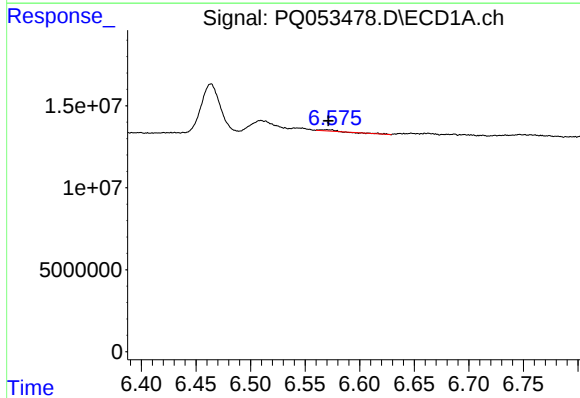
R.T.: 6.570 min
Delta R.T.: 0.023 min
Response: 870973
Conc: 1.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



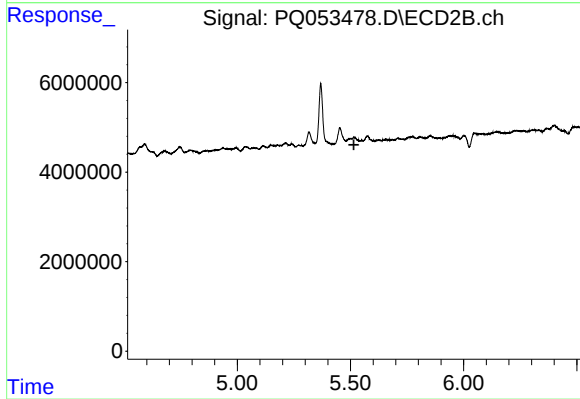
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



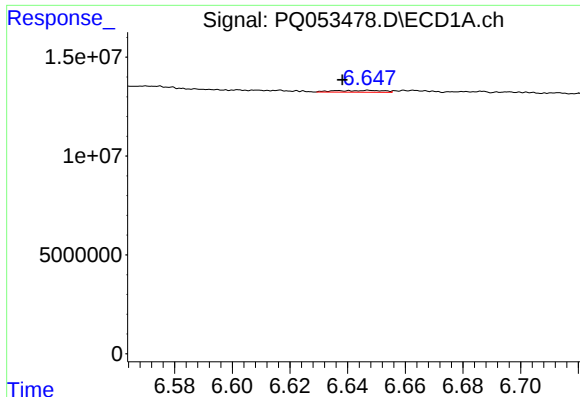
#17 AR-1242-2

R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 870973
Conc: 0.80 ng/ml



#17 AR-1242-2

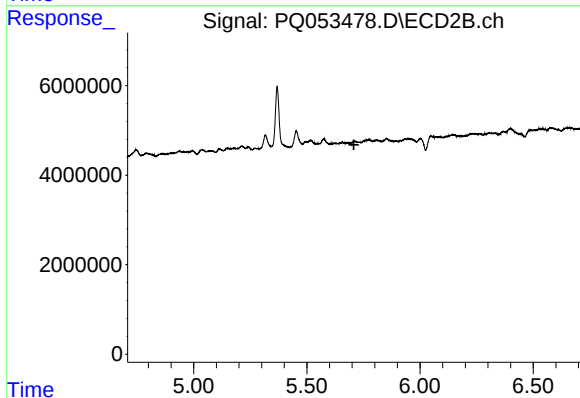
R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



#18 AR-1242-3

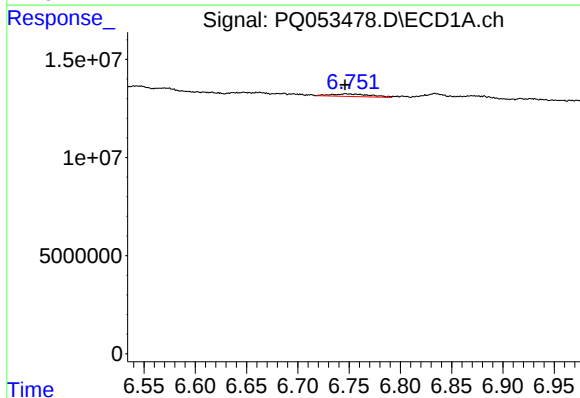
R.T.: 6.647 min
Delta R.T.: 0.009 min
Response: 1041784
Conc: 1.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



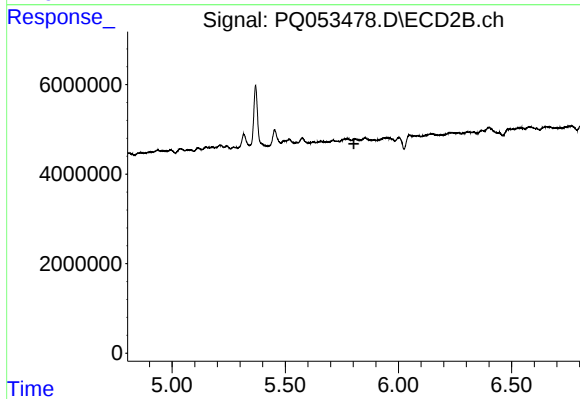
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



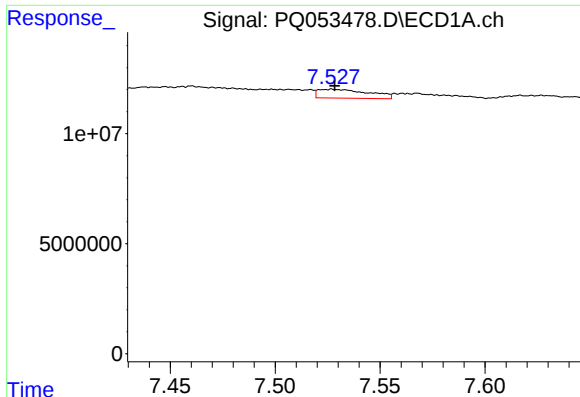
#19 AR-1242-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 3462286
Conc: 6.61 ng/ml



#19 AR-1242-4

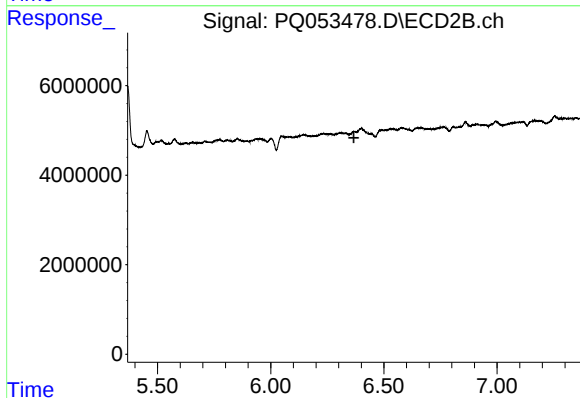
R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



#20 AR-1242-5

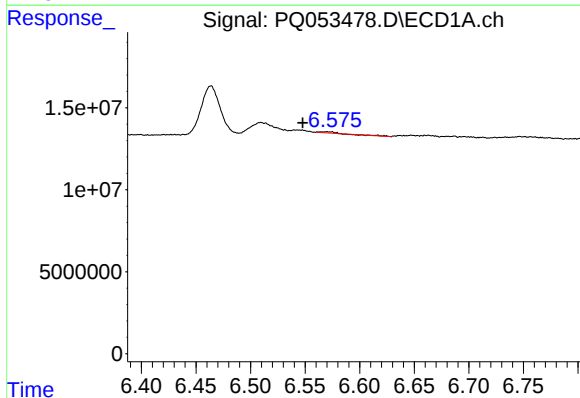
R.T.: 7.527 min
Delta R.T.: -0.001 min
Response: 6795753
Conc: 11.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



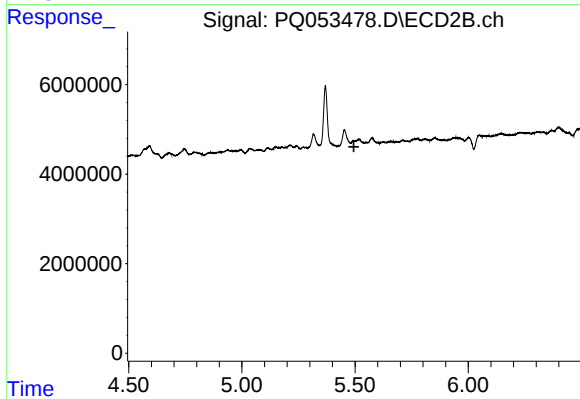
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.368 min
Response: 0
Conc: N.D.



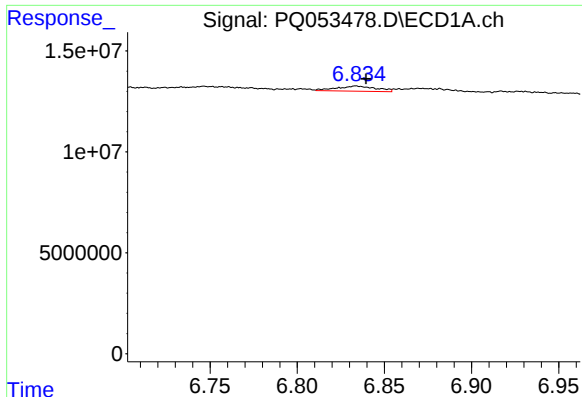
#21 AR-1248-1

R.T.: 6.570 min
Delta R.T.: 0.022 min
Response: 870973
Conc: 1.67 ng/ml



#21 AR-1248-1

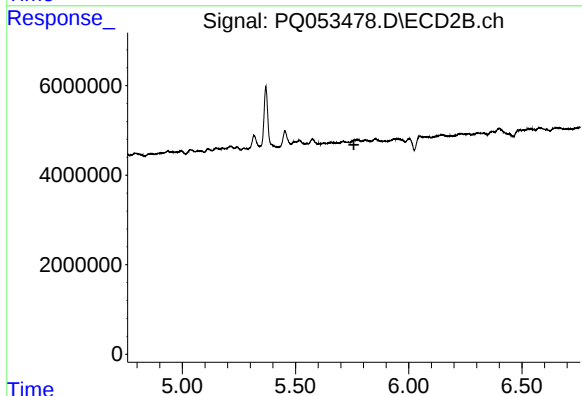
R.T.: 0.000 min
Exp R.T. : 5.495 min
Response: 0
Conc: N.D.



#22 AR-1248-2

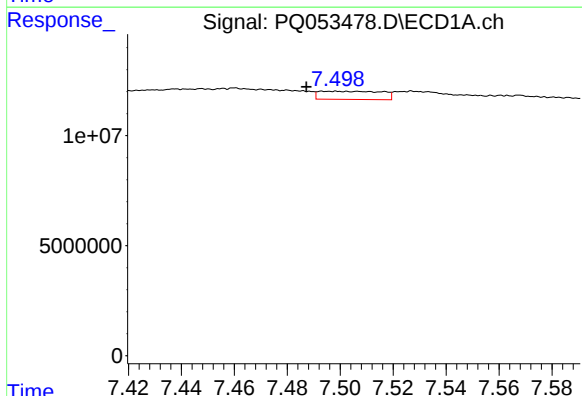
R.T.: 6.834 min
Delta R.T.: -0.006 min
Response: 4060437
Conc: 5.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



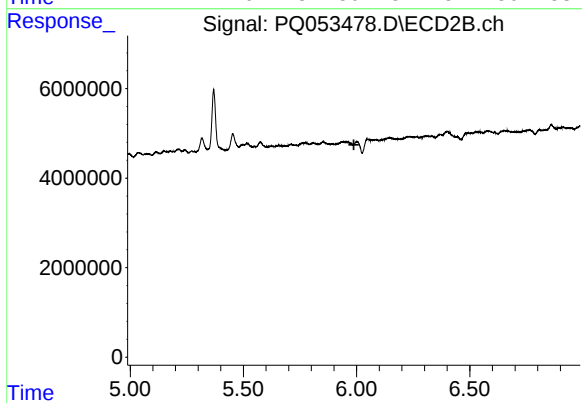
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



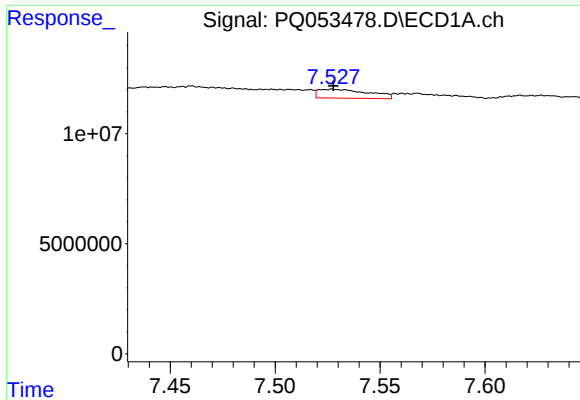
#24 AR-1248-4

R.T.: 7.498 min
Delta R.T.: 0.011 min
Response: 6081050
Conc: 6.25 ng/ml



#24 AR-1248-4

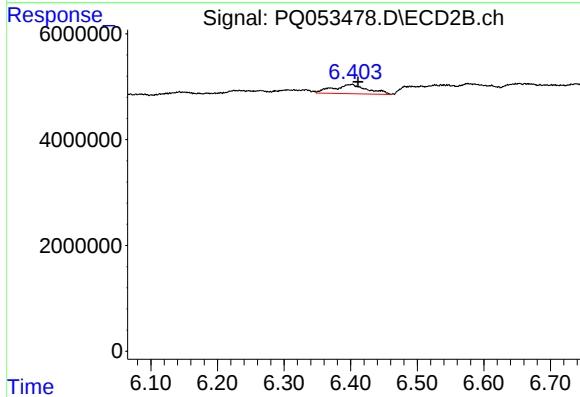
R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



#25 AR-1248-5

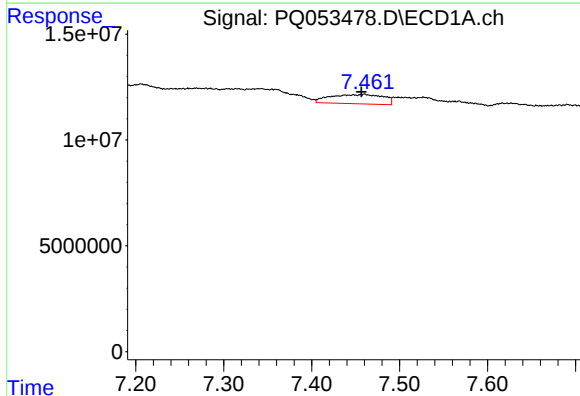
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 6795753
Conc: 6.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



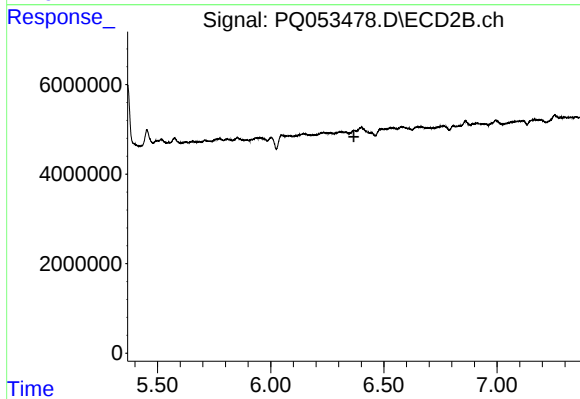
#25 AR-1248-5

R.T.: 6.402 min
Delta R.T.: -0.009 min
Response: 6135317
Conc: 14.47 ng/ml



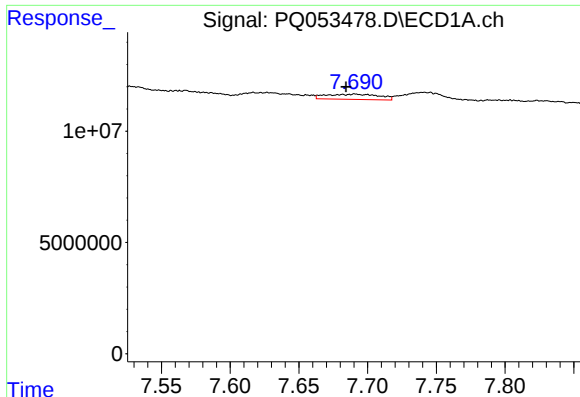
#26 AR-1254-1

R.T.: 7.460 min
Delta R.T.: 0.003 min
Response: 18462571
Conc: 18.97 ng/ml



#26 AR-1254-1

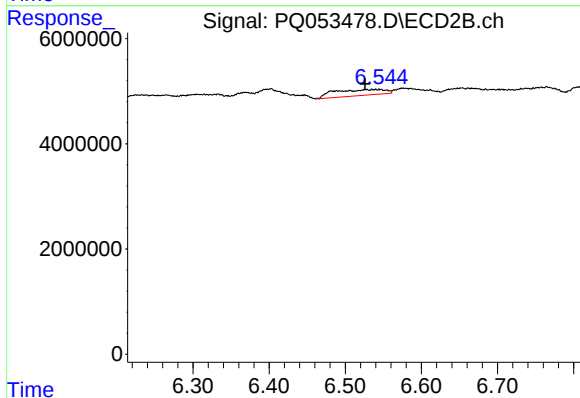
R.T.: 0.000 min
Exp R.T.: 6.367 min
Response: 0
Conc: N.D.



#27 AR-1254-2

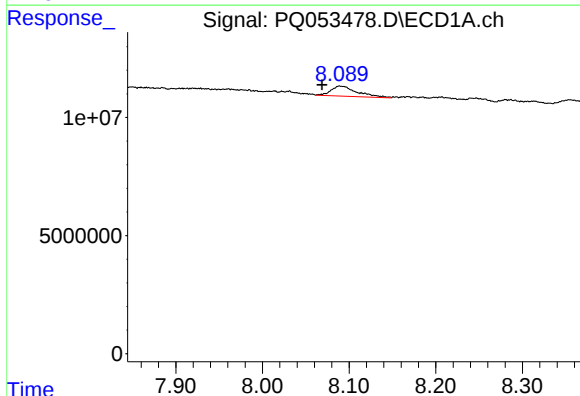
R.T.: 7.691 min
Delta R.T.: 0.007 min
Response: 6299081
Conc: 4.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



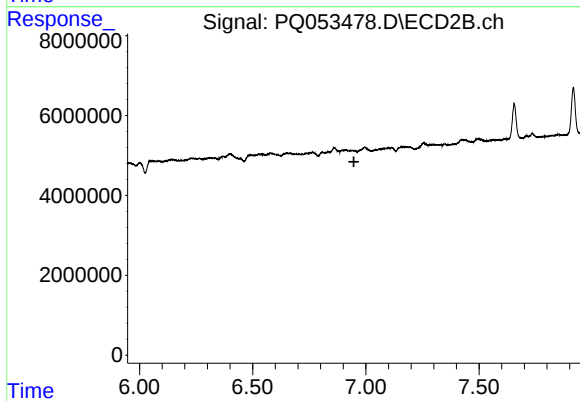
#27 AR-1254-2

R.T.: 6.540 min
Delta R.T.: 0.014 min
Response: 5244405
Conc: 8.42 ng/ml



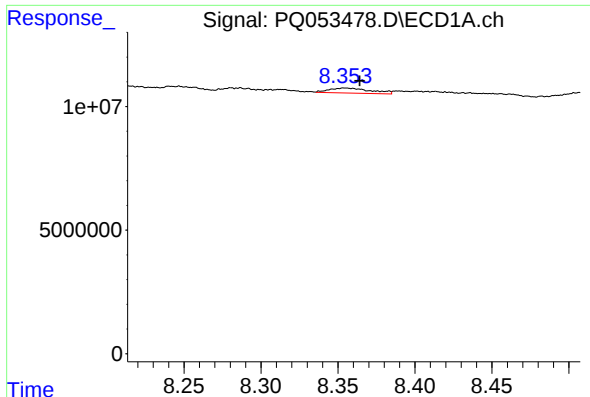
#28 AR-1254-3

R.T.: 8.089 min
Delta R.T.: 0.020 min
Response: 9049232
Conc: 5.79 ng/ml



#28 AR-1254-3

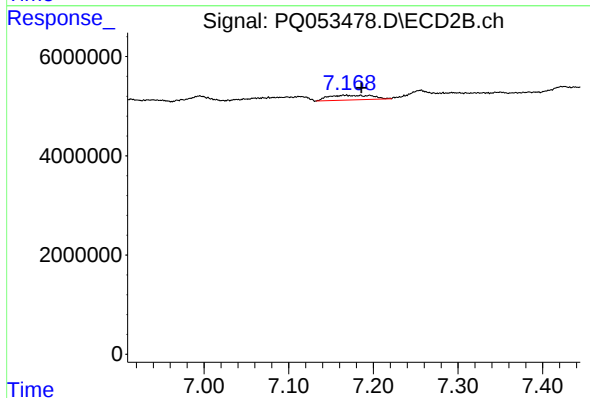
R.T.: 0.000 min
Exp R.T.: 6.947 min
Response: 0
Conc: N.D.



#29 AR-1254-4

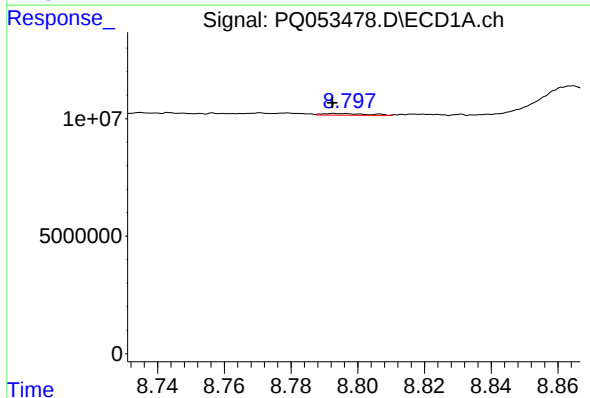
R.T.: 8.355 min
Delta R.T.: -0.010 min
Response: 3831188
Conc: 3.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



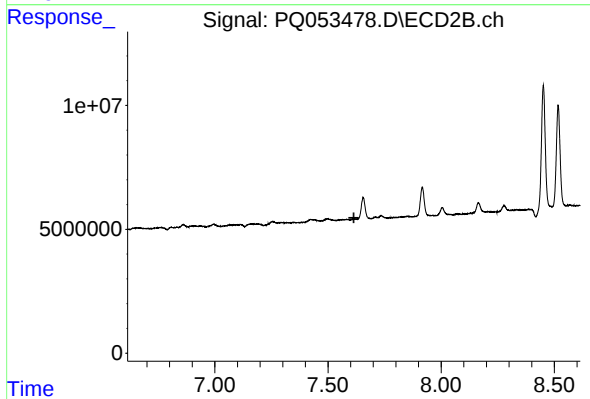
#29 AR-1254-4

R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 3392298
Conc: 5.46 ng/ml



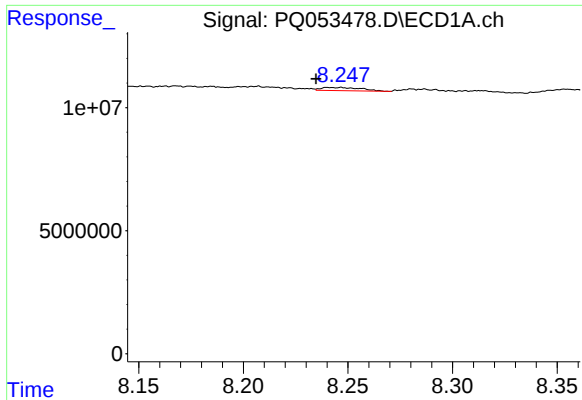
#30 AR-1254-5

R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 683349
Conc: 0.53 ng/ml



#30 AR-1254-5

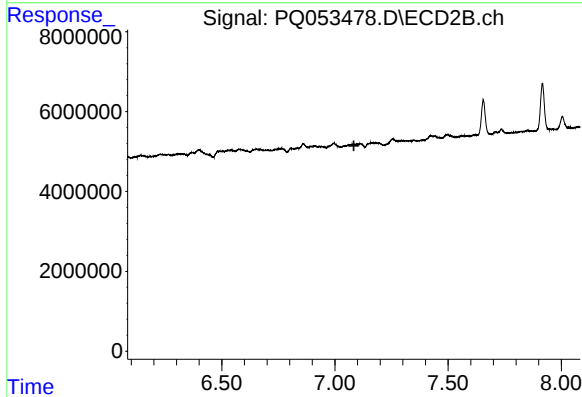
R.T.: 0.000 min
Exp R.T.: 7.614 min
Response: 0
Conc: N.D.



#31 AR-1260-1

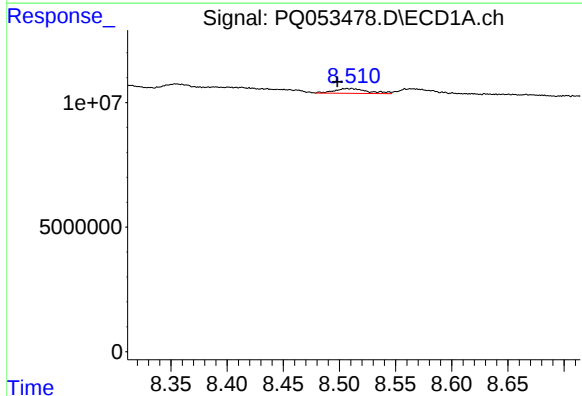
R.T.: 8.247 min
Delta R.T.: 0.012 min
Response: 1685318
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



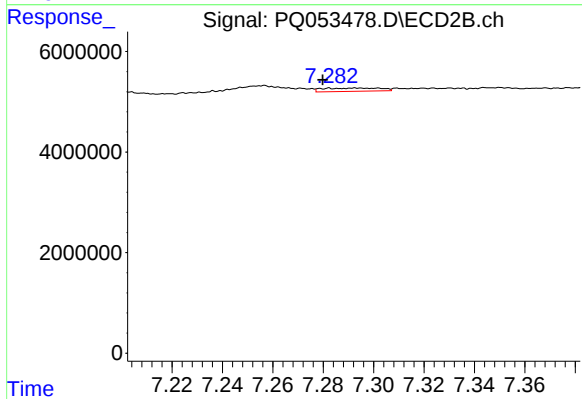
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.084 min
Response: 0
Conc: N.D.



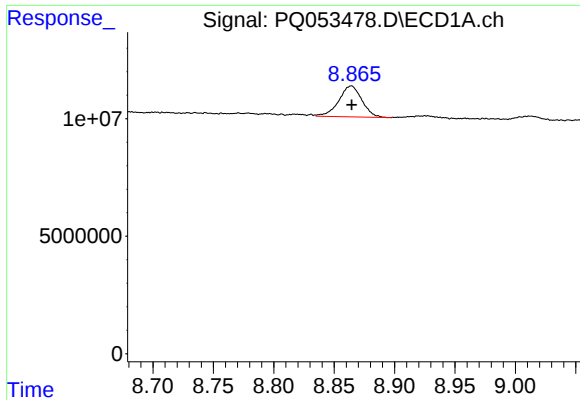
#32 AR-1260-2

R.T.: 8.511 min
Delta R.T.: 0.013 min
Response: 4003278
Conc: 2.33 ng/ml



#32 AR-1260-2

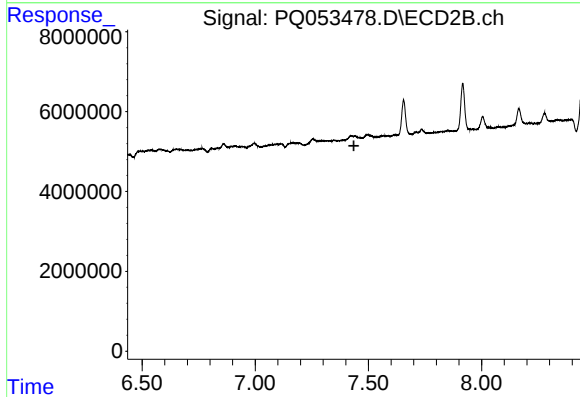
R.T.: 7.282 min
Delta R.T.: 0.003 min
Response: 1056550
Conc: 0.93 ng/ml



#33 AR-1260-3

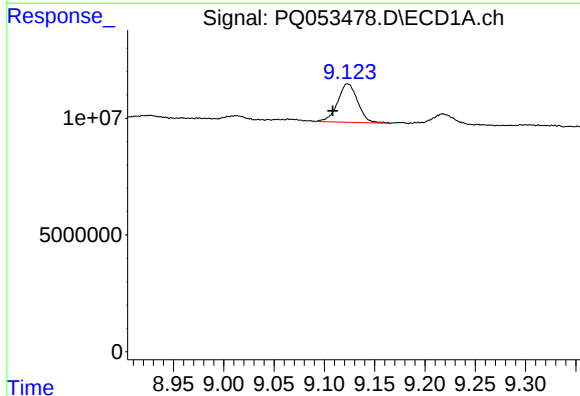
R.T.: 8.864 min
Delta R.T.: 0.000 min
Response: 17420961
Conc: 14.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



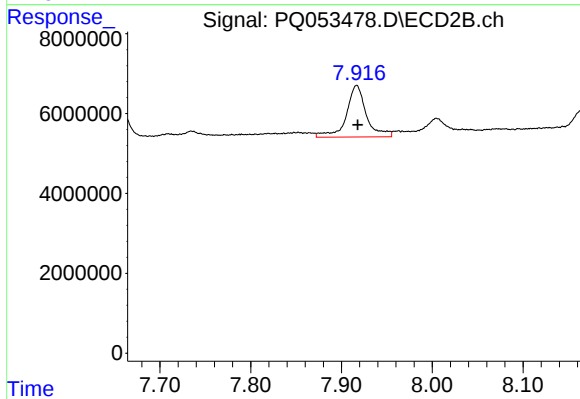
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.436 min
Response: 0
Conc: N.D.



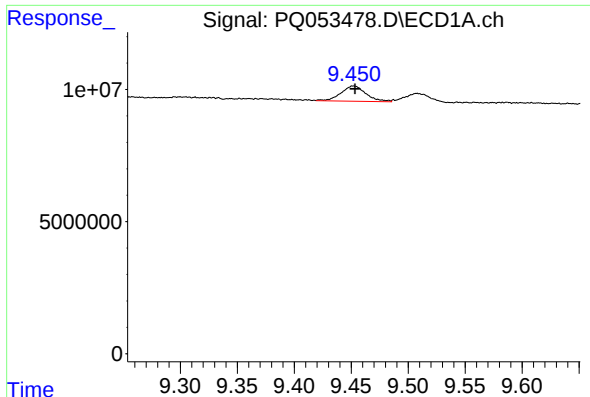
#34 AR-1260-4

R.T.: 9.123 min
Delta R.T.: 0.015 min
Response: 22957112
Conc: 18.03 ng/ml



#34 AR-1260-4

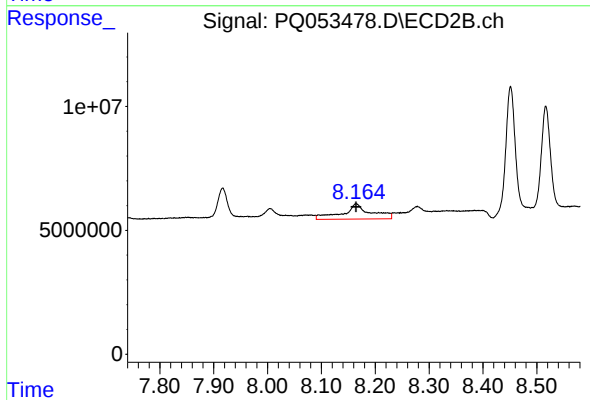
R.T.: 7.917 min
Delta R.T.: -0.001 min
Response: 19745840
Conc: 27.17 ng/ml



#35 AR-1260-5

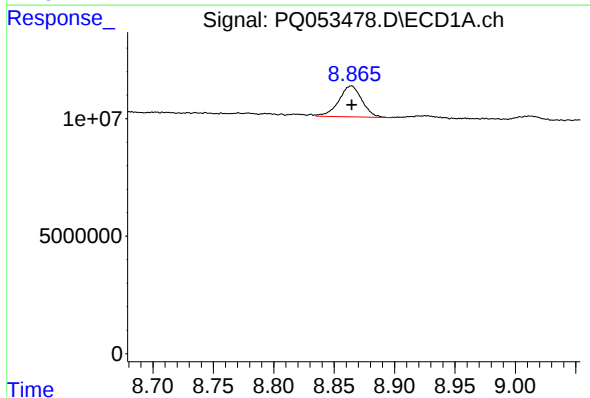
R.T.: 9.452 min
Delta R.T.: -0.001 min
Response: 8872459
Conc: 3.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



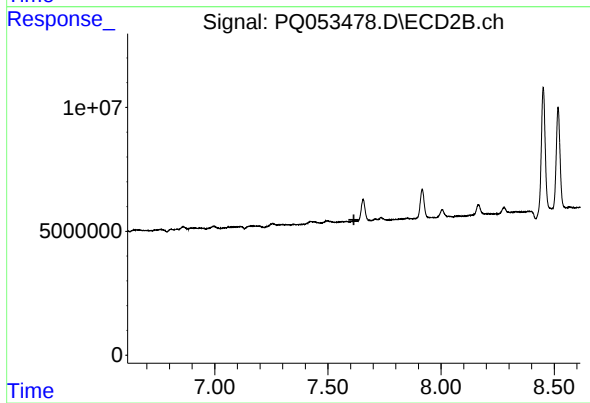
#35 AR-1260-5

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 22269847
Conc: 11.63 ng/ml



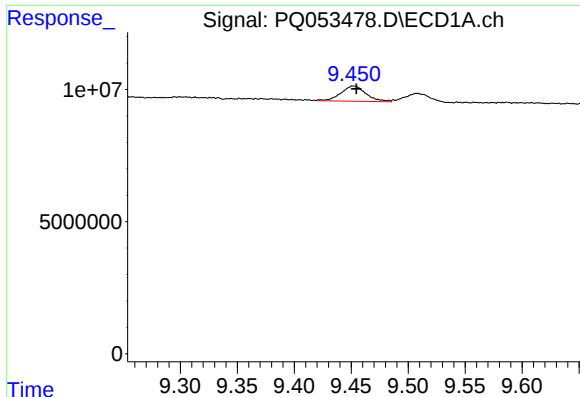
#36 AR-1262-1

R.T.: 8.864 min
Delta R.T.: 0.000 min
Response: 17420961
Conc: 10.06 ng/ml



#36 AR-1262-1

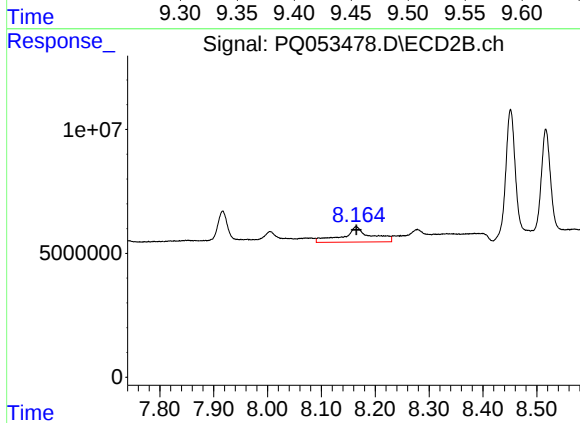
R.T.: 0.000 min
Exp R.T.: 7.615 min
Response: 0
Conc: N.D.



#37 AR-1262-2

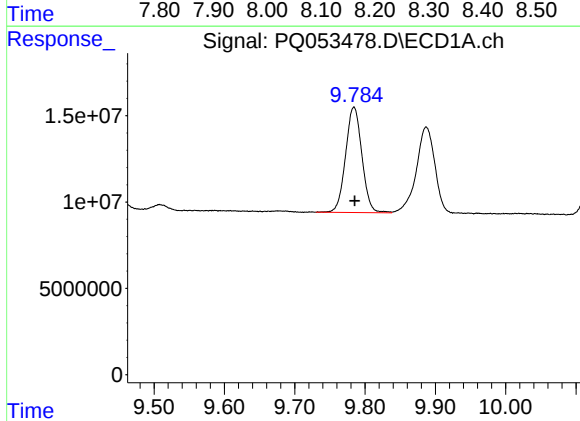
R.T.: 9.452 min
Delta R.T.: -0.002 min
Response: 8872459
Conc: 2.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



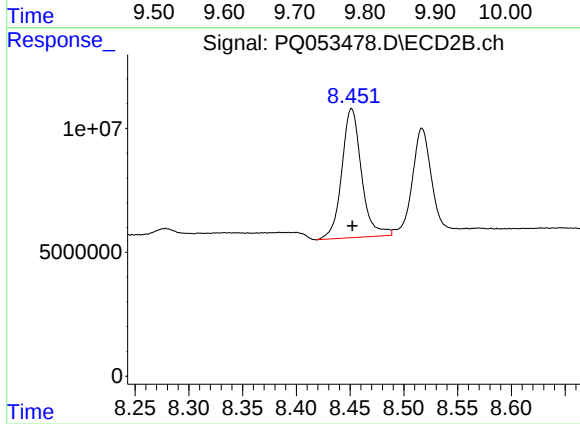
#37 AR-1262-2

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 22269847
Conc: 10.87 ng/ml



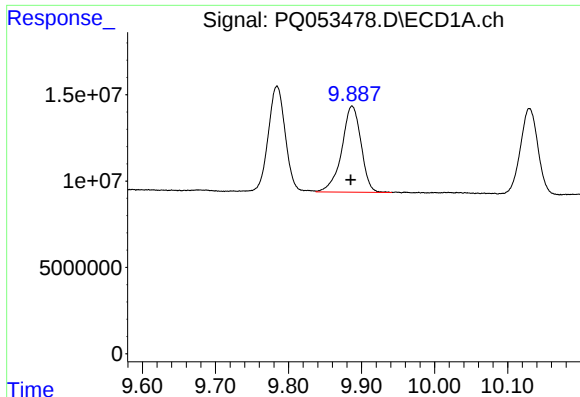
#38 AR-1262-3

R.T.: 9.784 min
Delta R.T.: -0.001 min
Response: 98799320
Conc: 48.08 ng/ml



#38 AR-1262-3

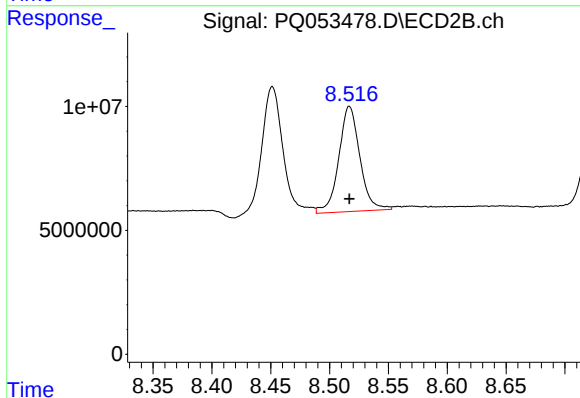
R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 66531172
Conc: 78.99 ng/ml



#39 AR-1262-4

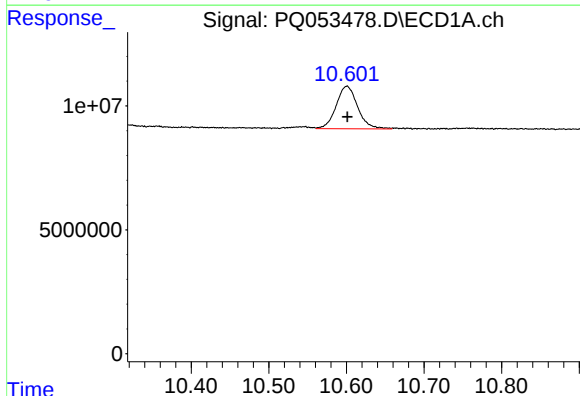
R.T.: 9.887 min
Delta R.T.: 0.002 min
Response: 91819860
Conc: 53.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



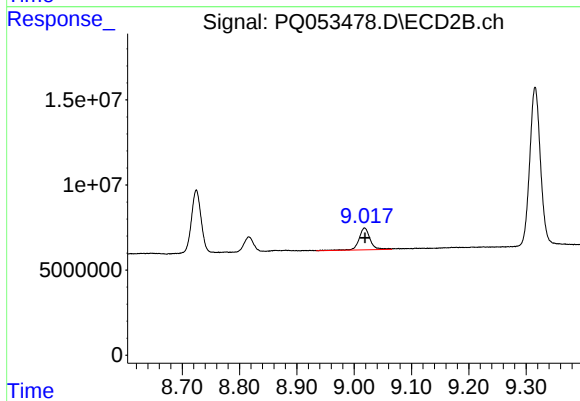
#39 AR-1262-4

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 53012240
Conc: 37.36 ng/ml



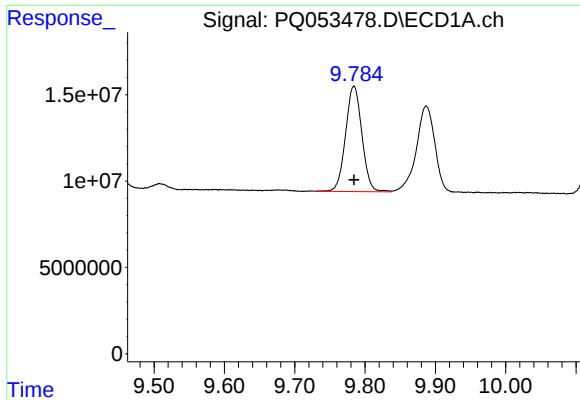
#40 AR-1262-5

R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 33159352
Conc: 29.13 ng/ml



#40 AR-1262-5

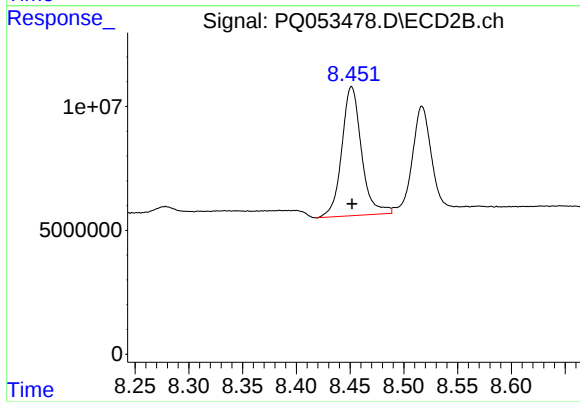
R.T.: 9.018 min
Delta R.T.: 0.000 min
Response: 17570117
Conc: 28.50 ng/ml



#41 AR-1268-1

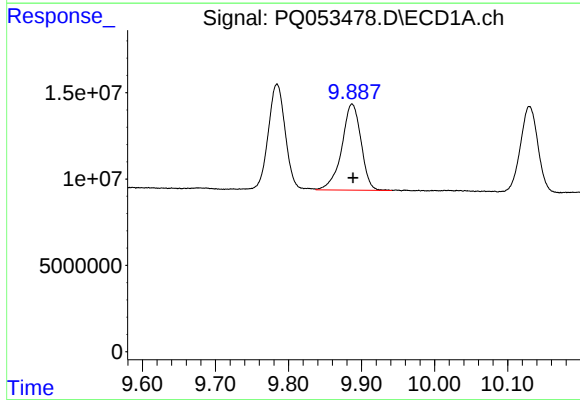
R.T.: 9.784 min
Delta R.T.: 0.000 min
Response: 98799320
Conc: 28.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



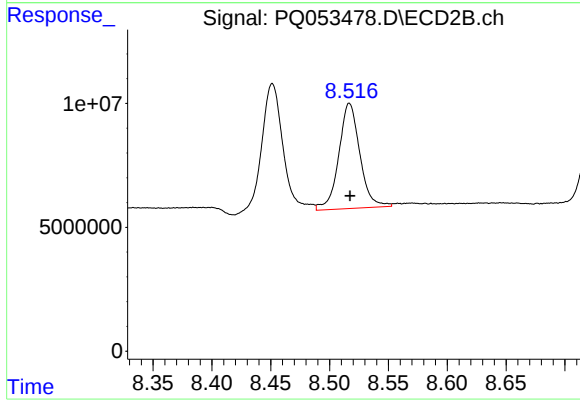
#41 AR-1268-1

R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 66531172
Conc: 28.72 ng/ml



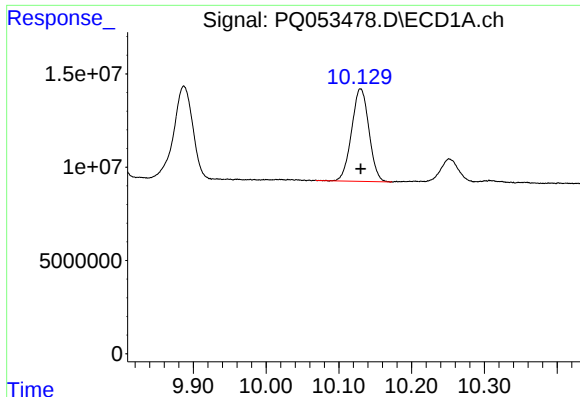
#42 AR-1268-2

R.T.: 9.887 min
Delta R.T.: -0.001 min
Response: 91819860
Conc: 27.50 ng/ml



#42 AR-1268-2

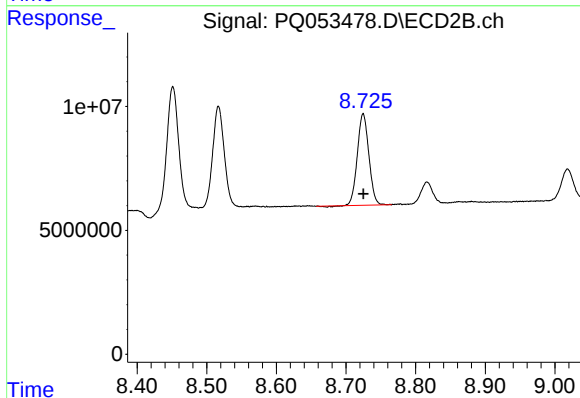
R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 53012240
Conc: 27.26 ng/ml



#43 AR-1268-3

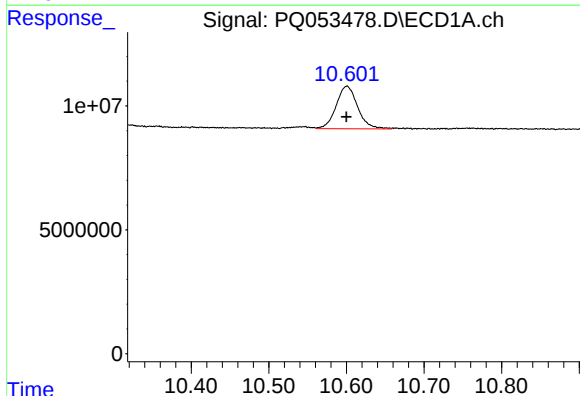
R.T.: 10.130 min
Delta R.T.: 0.000 min
Response: 81935943
Conc: 27.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



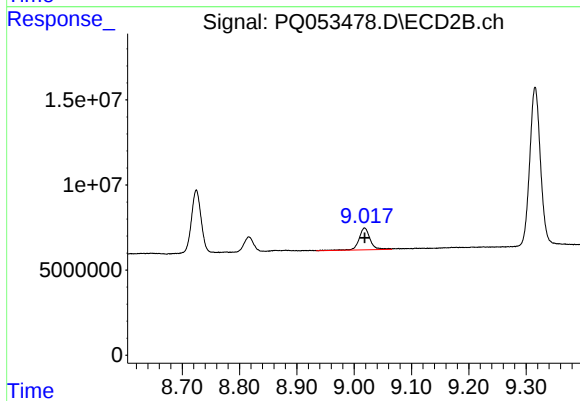
#43 AR-1268-3

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 42400115
Conc: 24.87 ng/ml



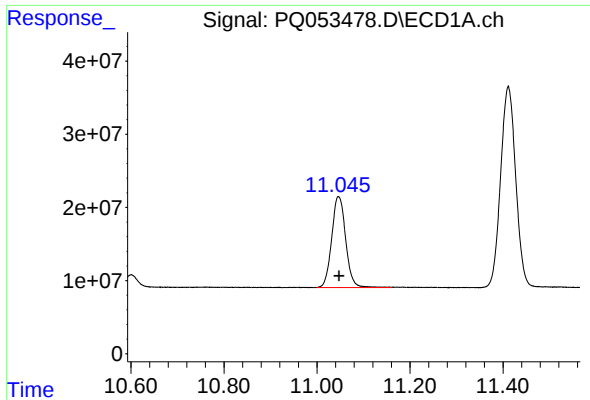
#44 AR-1268-4

R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 33159352
Conc: 28.77 ng/ml



#44 AR-1268-4

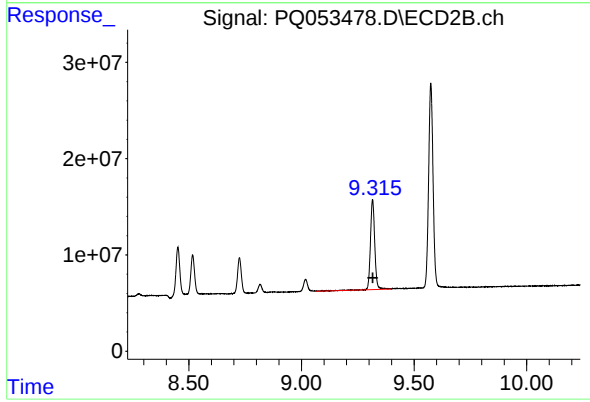
R.T.: 9.018 min
Delta R.T.: 0.000 min
Response: 17570117
Conc: 27.44 ng/ml



#45 AR-1268-5

R.T.: 11.046 min
Delta R.T.: -0.001 min
Response: 259979013
Conc: 27.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.316 min
Delta R.T.: 0.000 min
Response: 126692665
Conc: 26.17 ng/ml