

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100722\
 Data File : PO089803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 12:40
 Operator : YP/AJ
 Sample : N5046-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 17:13:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 05 06:04:42 2022
 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...	4.335	3.560	63735254	22926650	24.515	25.387
2)	SA Decachlor...	10.098	8.590	28264696	17180605	26.294	21.621
Target Compounds							
3)	L1 AR-1016-1	5.499	0.000	131110	0	1.872	N.D. #
4)	L1 AR-1016-2	5.553	0.000	641055	0	6.352	N.D. #
5)	L1 AR-1016-3	5.553f	4.775f	641055	210859	10.289	9.417
6)	L1 AR-1016-4	5.742f	0.000	319965	0	6.525	N.D. #
7)	L1 AR-1016-5	0.000	5.095	0	51312	N.D.	2.111 #
8)	L2 AR-1221-1	4.541	3.722f	2497709	280653	83.415	26.702 #
9)	L2 AR-1221-2	4.641	3.861	986080	954356	44.460	120.426 #
10)	L2 AR-1221-3	4.641f	3.943	986080	240912	14.633	9.422 #
11)	L3 AR-1232-1	4.641f	3.943	986080	240912	17.949	11.986 #
12)	L3 AR-1232-2	5.042	0.000	107223	0	4.531	N.D. #
13)	L3 AR-1232-3	5.553	4.775f	641055	210859	14.265	22.088 #
14)	L3 AR-1232-4	5.742f	0.000	319965	0	14.764	N.D. #
15)	L3 AR-1232-5	5.780	5.095	536210	51312	31.087	5.254 #
16)	L4 AR-1242-1	5.499	0.000	131110	0	2.130	N.D. #
17)	L4 AR-1242-2	5.553	0.000	641055	0	7.244	N.D. #
18)	L4 AR-1242-3	5.553f	4.775f	641055	210859	11.569	10.963
19)	L4 AR-1242-4	5.742f	0.000	319965	0	7.434	N.D. #
20)	L4 AR-1242-5	6.427	5.456	1198366	530933	28.996	22.032
21)	L5 AR-1248-1	5.499	0.000	131110	0	2.882	N.D. #
22)	L5 AR-1248-2	5.780	0.000	536210	0	8.299	N.D. #
24)	L5 AR-1248-4	6.392	5.095	1135277	51312	15.722	1.528 #
25)	L5 AR-1248-5	6.427	5.499	1198366	597299	17.183	18.337
26)	L6 AR-1254-1	6.365	5.456	1886078	530933	25.852	10.555 #
27)	L6 AR-1254-2	6.586	5.606	1410581	564336	13.266	12.914
28)	L6 AR-1254-3	6.951	6.013	2382155	1088211	21.865	15.317 #
29)	L6 AR-1254-4	7.239	6.239	956944	622955	12.864	14.067
30)	L6 AR-1254-5	7.660	6.661	1804594	816451	23.781	13.462 #
31)	L7 AR-1260-1	7.120	6.144	991063	1936798	12.615	40.059 #
32)	L7 AR-1260-2	7.377	6.330	1320610	215315	15.283	3.672 #
33)	L7 AR-1260-3	7.660	6.481	1804594	637735	19.358	11.609 #
34)	L7 AR-1260-4	7.949	6.956	1357291	411522	20.783	9.303 #
35)	L7 AR-1260-5	8.281	7.200	451705	356481	3.721	3.474
36)	L8 AR-1262-1	7.735	6.661f	338270	816451	3.775	12.745 #
37)	L8 AR-1262-2	8.281	7.200	451705	356481	3.195	3.124
38)	L8 AR-1262-3	8.588	7.488	603049	602927	6.107	13.718 #
39)	L8 AR-1262-4	8.646f	7.549	564796	553370	13.175	6.764 #
40)	L8 AR-1262-5	9.332	0.000	656048	0	12.809	N.D. #
41)	L9 AR-1268-1	8.588	7.488	603049	602927	3.667	4.597 #
42)	L9 AR-1268-2	8.646f	7.549	564796	553370	3.837	4.835 #

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 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
43) L9	AR-1268-3	0.000	7.723f	0	11476	N.D.	0.119 #
44) L9	AR-1268-4	9.332	0.000	656048	0	11.652	N.D. #
45) L9	AR-1268-5	9.750	8.340	1665047	246930	4.337	0.811 #

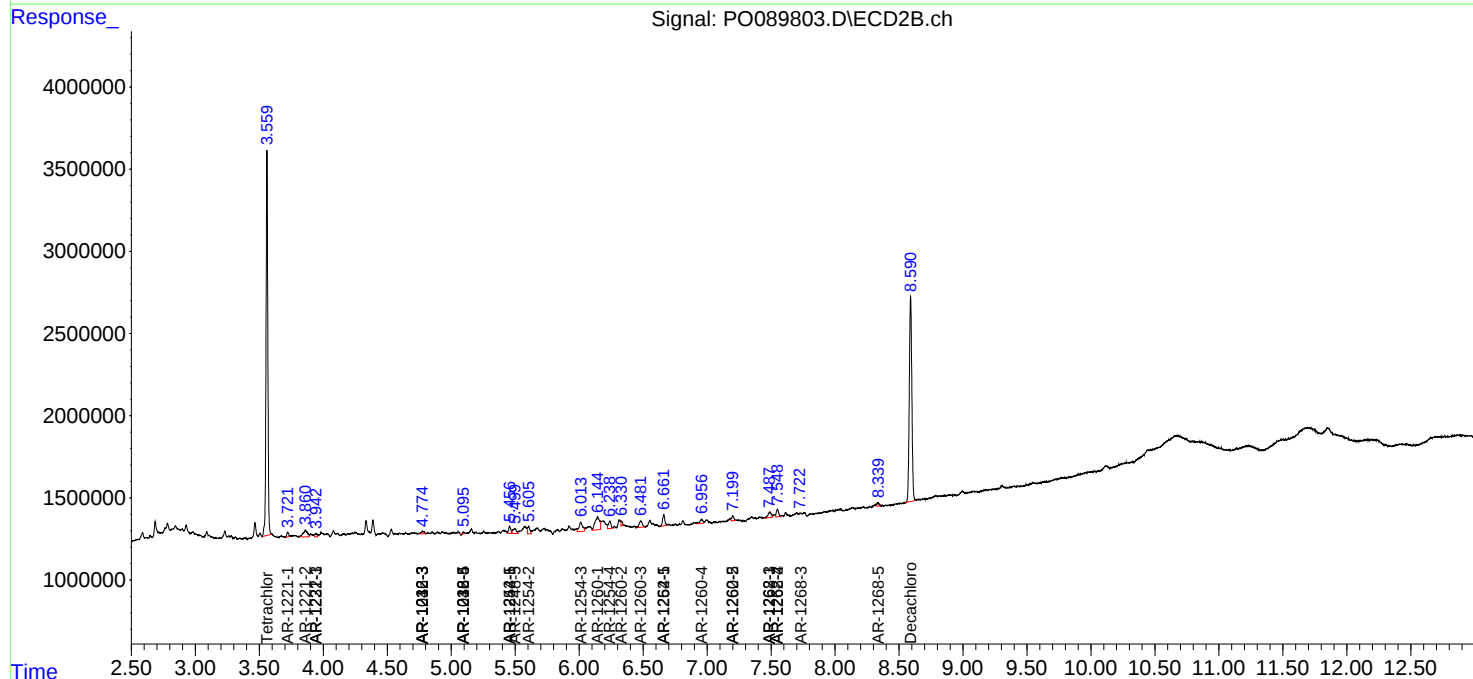
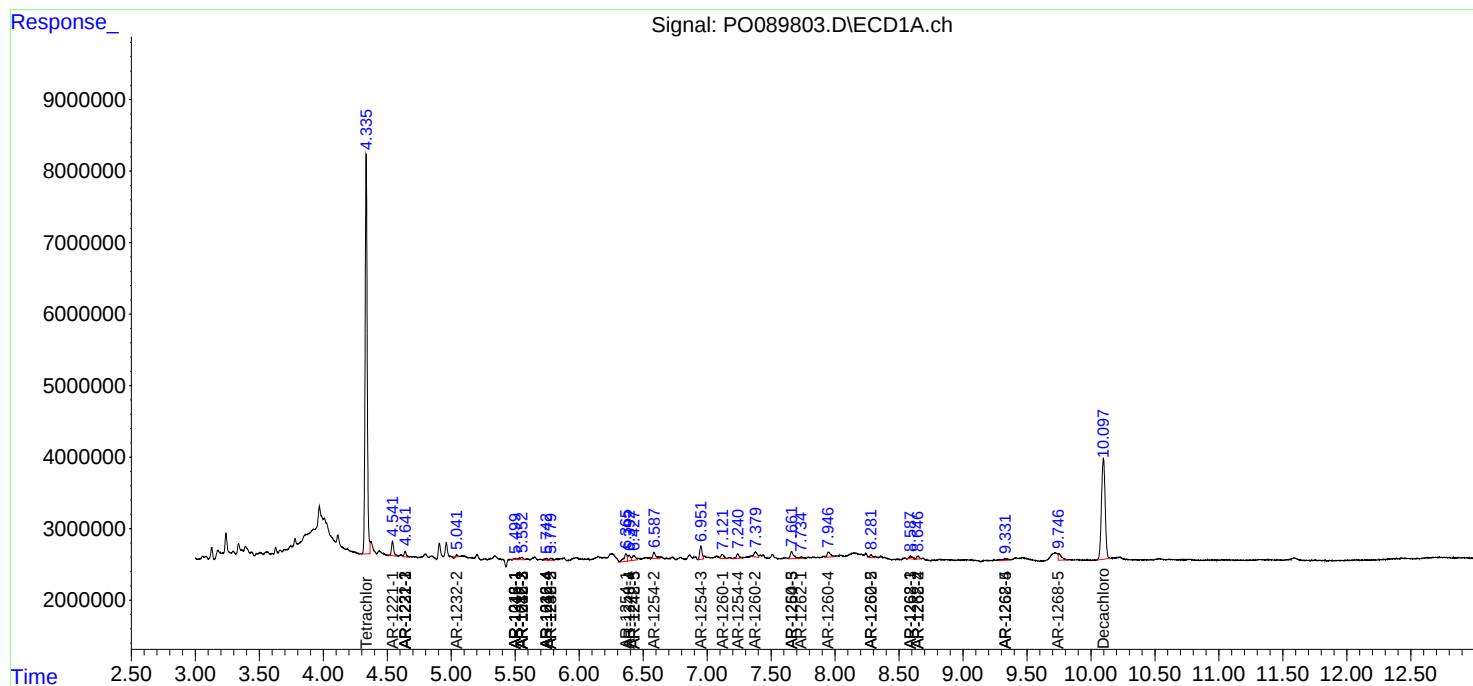
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

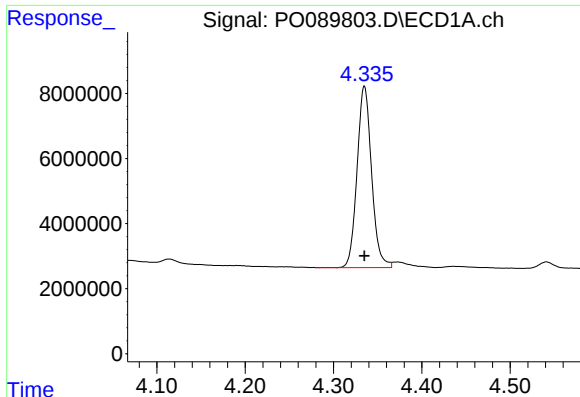
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

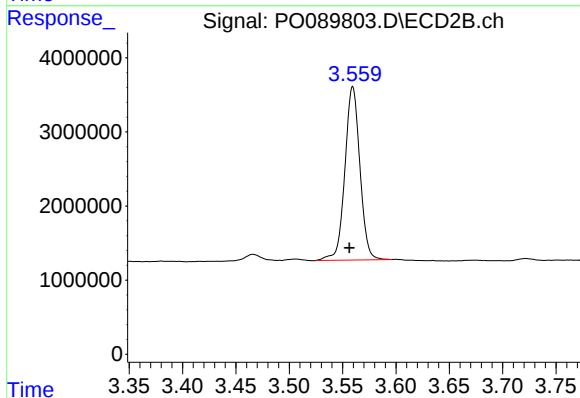




#1 Tetrachloro-m-xylene

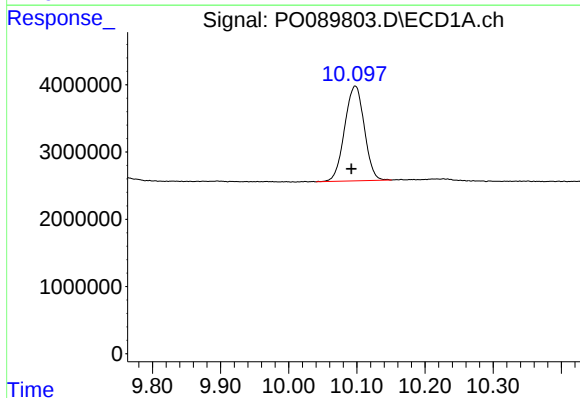
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 63735254
Conc: 24.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



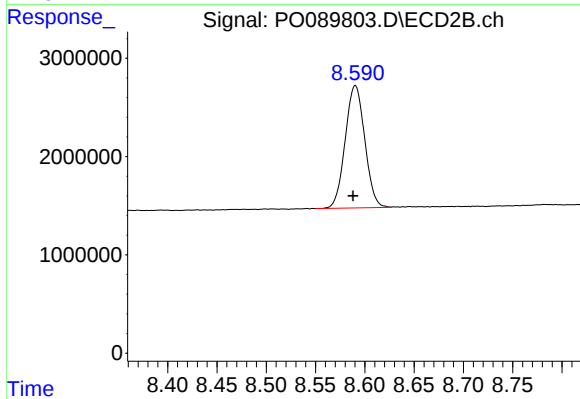
#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: 0.003 min
Response: 22926650
Conc: 25.39 ng/ml



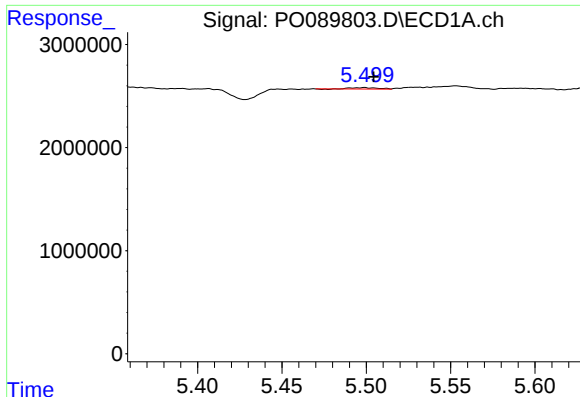
#2 Decachlorobiphenyl

R.T.: 10.098 min
Delta R.T.: 0.006 min
Response: 28264696
Conc: 26.29 ng/ml



#2 Decachlorobiphenyl

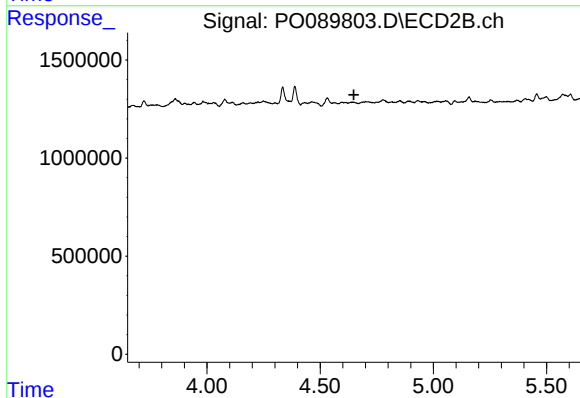
R.T.: 8.590 min
Delta R.T.: 0.002 min
Response: 17180605
Conc: 21.62 ng/ml



#3 AR-1016-1

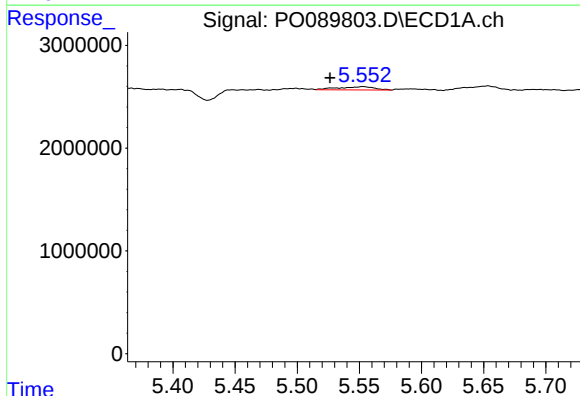
R.T.: 5.499 min
Delta R.T.: -0.006 min
Response: 131110
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



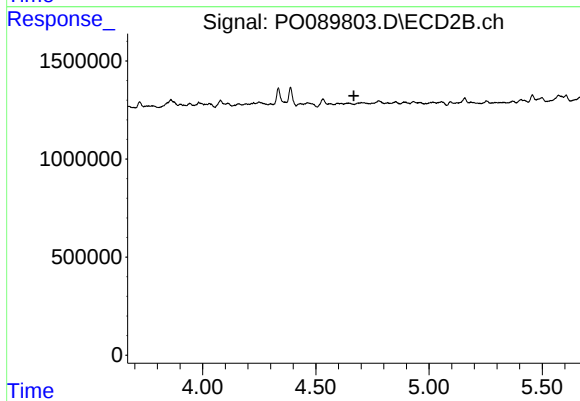
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.649 min
Response: 0
Conc: N.D.



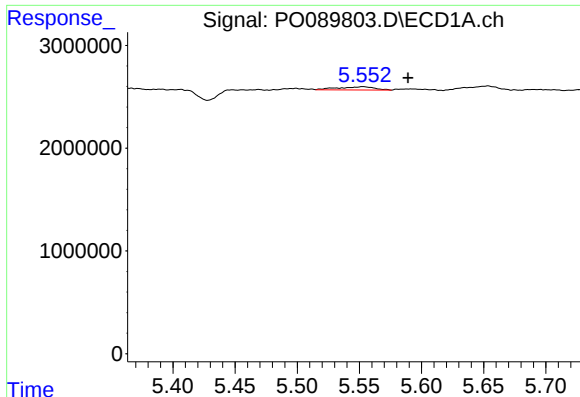
#4 AR-1016-2

R.T.: 5.553 min
Delta R.T.: 0.026 min
Response: 641055
Conc: 6.35 ng/ml



#4 AR-1016-2

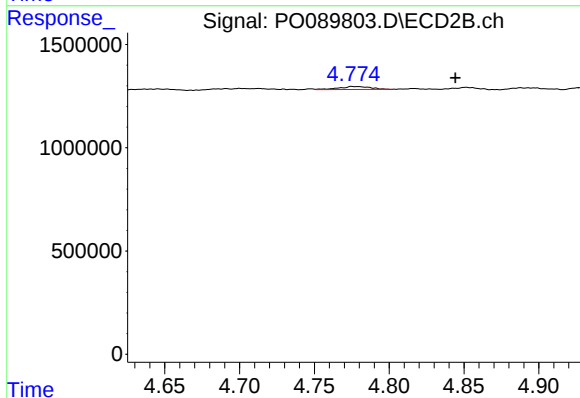
R.T.: 0.000 min
Exp R.T. : 4.668 min
Response: 0
Conc: N.D.



#5 AR-1016-3

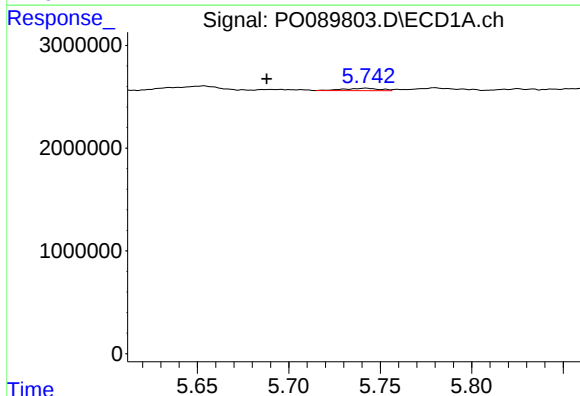
R.T.: 5.553 min
Delta R.T.: -0.036 min
Response: 641055
Conc: 10.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



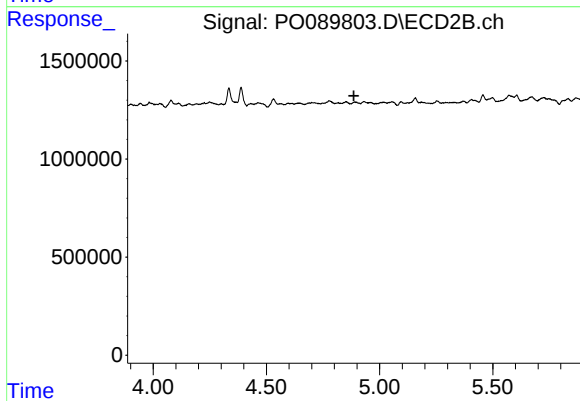
#5 AR-1016-3

R.T.: 4.775 min
Delta R.T.: -0.069 min
Response: 210859
Conc: 9.42 ng/ml



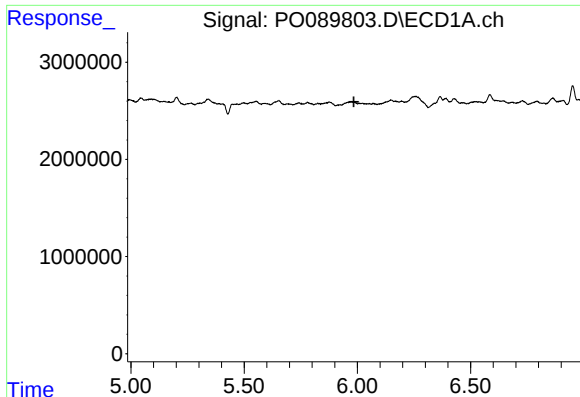
#6 AR-1016-4

R.T.: 5.742 min
Delta R.T.: 0.054 min
Response: 319965
Conc: 6.53 ng/ml



#6 AR-1016-4

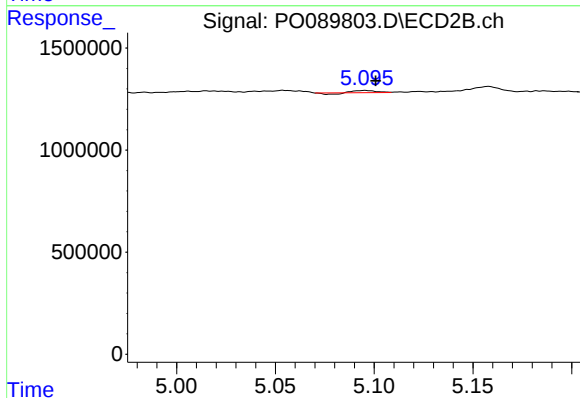
R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.



#7 AR-1016-5

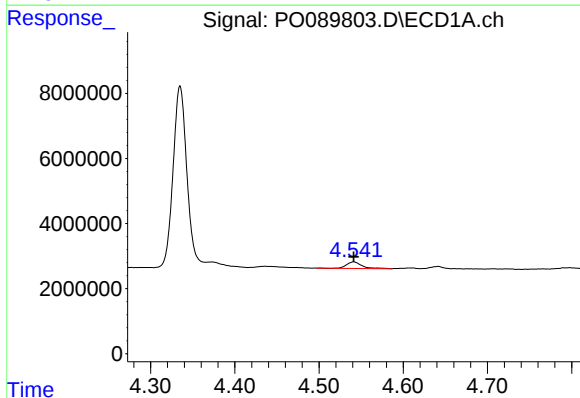
R.T.: 0.000 min
Exp R.T.: 5.985 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



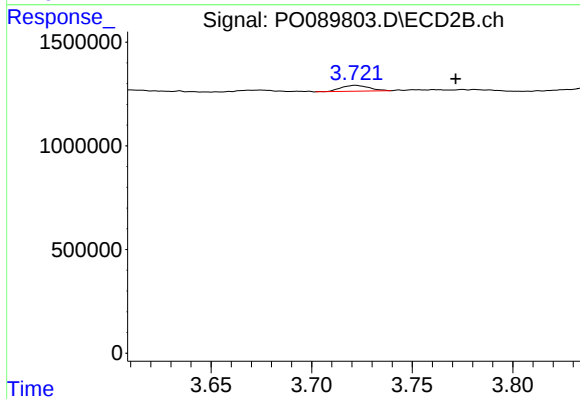
#7 AR-1016-5

R.T.: 5.095 min
Delta R.T.: -0.006 min
Response: 51312
Conc: 2.11 ng/ml



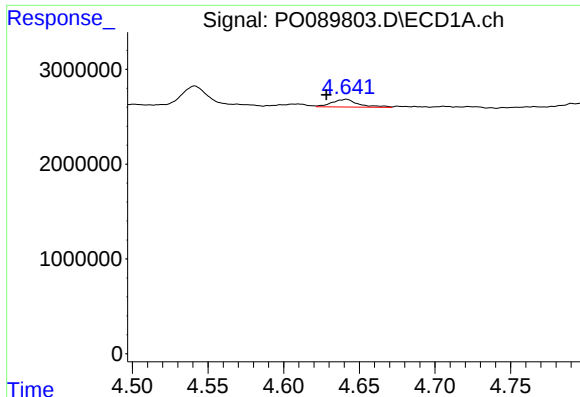
#8 AR-1221-1

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 2497709
Conc: 83.42 ng/ml



#8 AR-1221-1

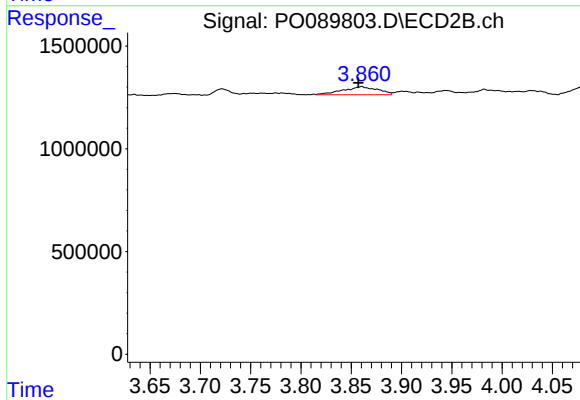
R.T.: 3.722 min
Delta R.T.: -0.050 min
Response: 280653
Conc: 26.70 ng/ml



#9 AR-1221-2

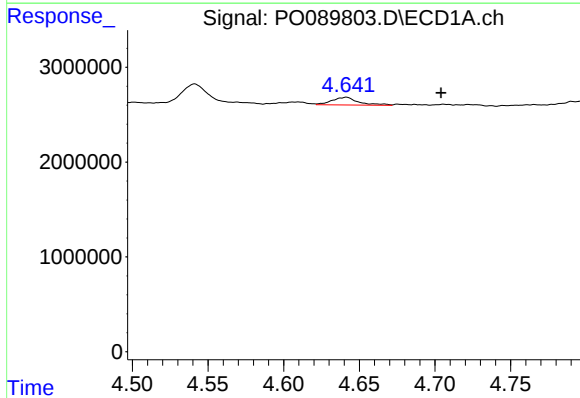
R.T.: 4.641 min
Delta R.T.: 0.013 min
Response: 986080
Conc: 44.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



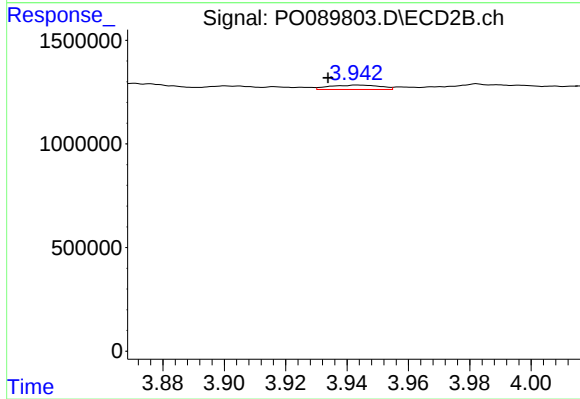
#9 AR-1221-2

R.T.: 3.861 min
Delta R.T.: 0.003 min
Response: 954356
Conc: 120.43 ng/ml



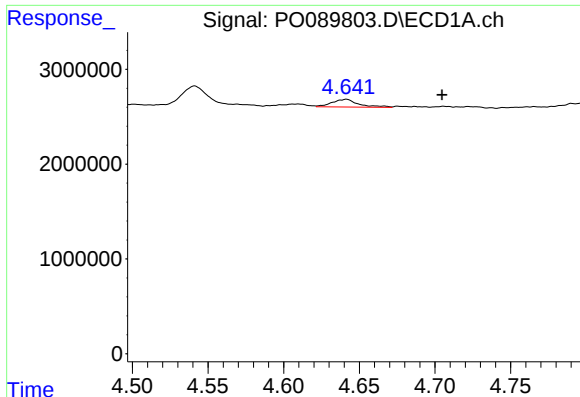
#10 AR-1221-3

R.T.: 4.641 min
Delta R.T.: -0.063 min
Response: 986080
Conc: 14.63 ng/ml



#10 AR-1221-3

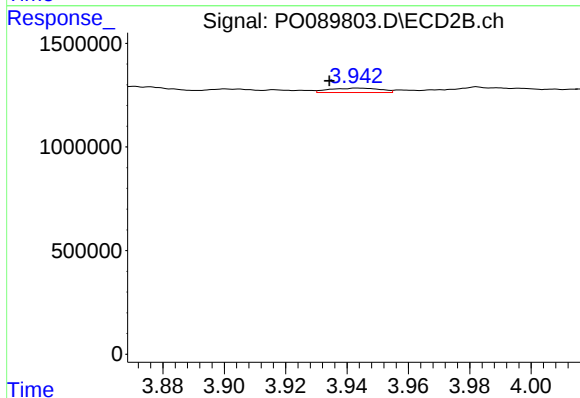
R.T.: 3.943 min
Delta R.T.: 0.009 min
Response: 240912
Conc: 9.42 ng/ml



#11 AR-1232-1

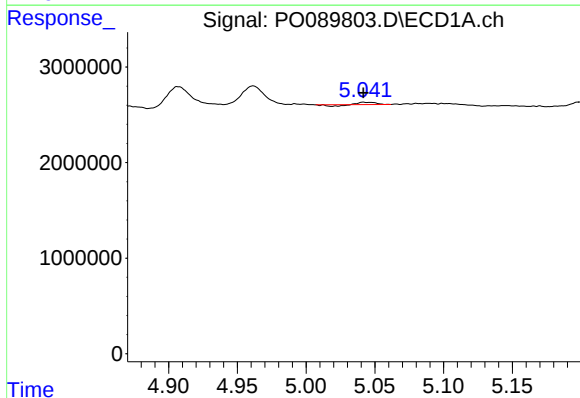
R.T.: 4.641 min
Delta R.T.: -0.063 min
Response: 986080
Conc: 17.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



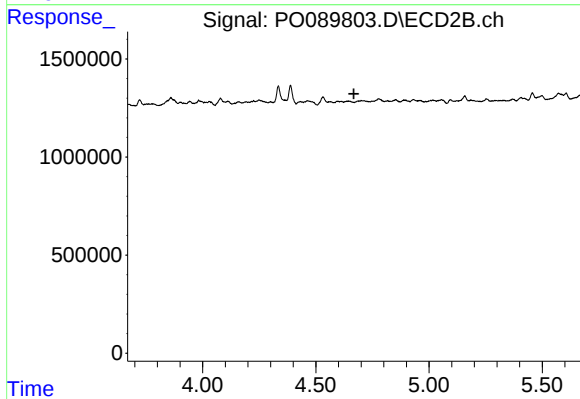
#11 AR-1232-1

R.T.: 3.943 min
Delta R.T.: 0.009 min
Response: 240912
Conc: 11.99 ng/ml



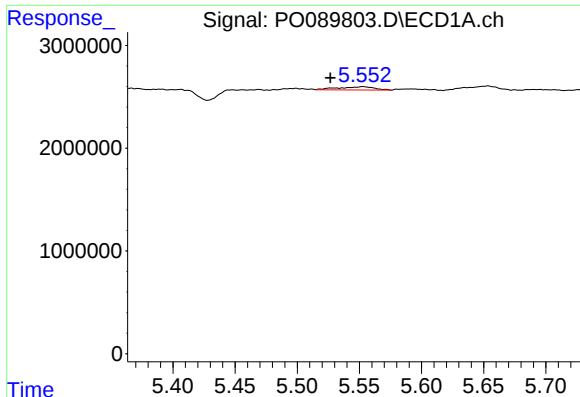
#12 AR-1232-2

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 107223
Conc: 4.53 ng/ml



#12 AR-1232-2

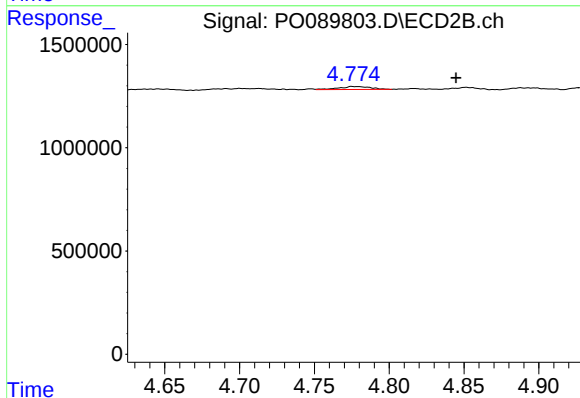
R.T.: 0.000 min
Exp R.T. : 4.668 min
Response: 0
Conc: N.D.



#13 AR-1232-3

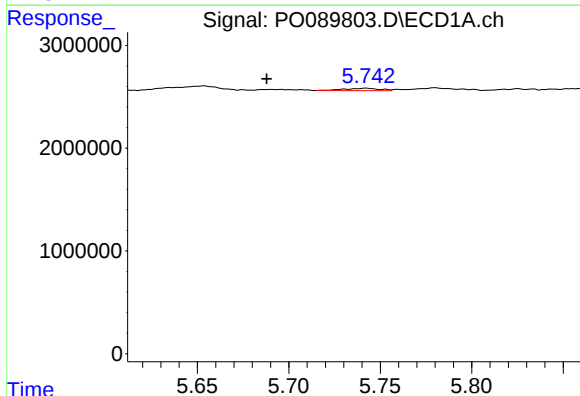
R.T.: 5.553 min
Delta R.T.: 0.026 min
Response: 641055
Conc: 14.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



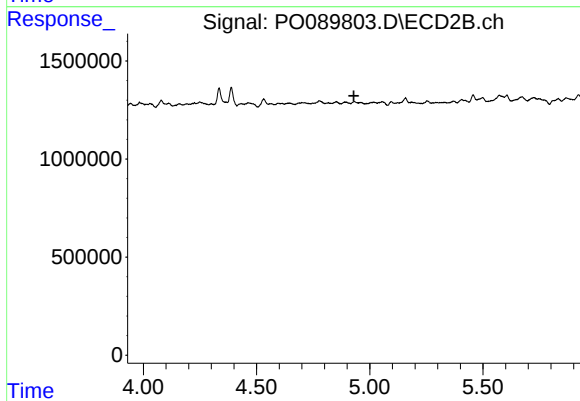
#13 AR-1232-3

R.T.: 4.775 min
Delta R.T.: -0.070 min
Response: 210859
Conc: 22.09 ng/ml



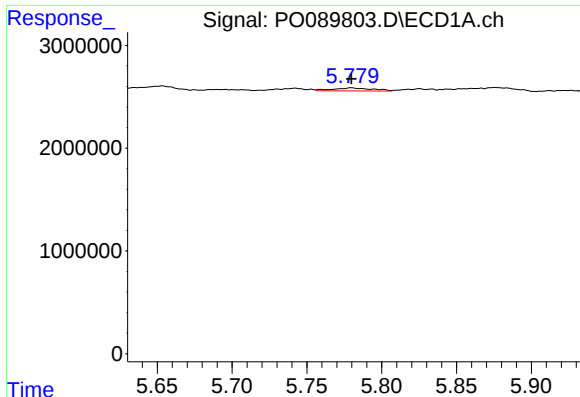
#14 AR-1232-4

R.T.: 5.742 min
Delta R.T.: 0.054 min
Response: 319965
Conc: 14.76 ng/ml



#14 AR-1232-4

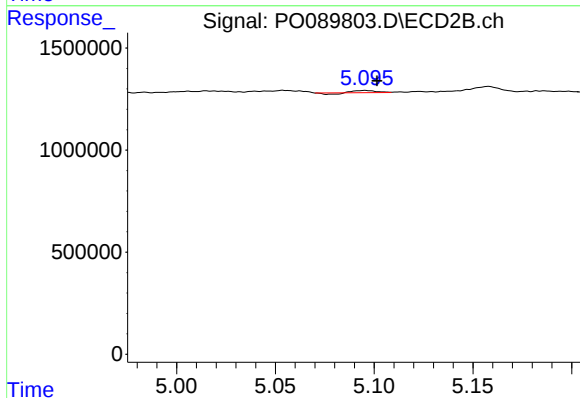
R.T.: 0.000 min
Exp R.T.: 4.929 min
Response: 0
Conc: N.D.



#15 AR-1232-5

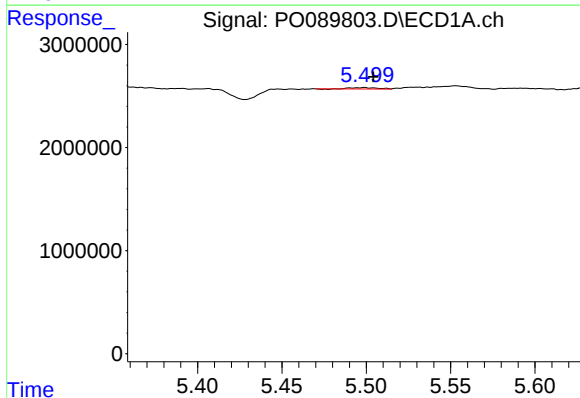
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 536210
Conc: 31.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



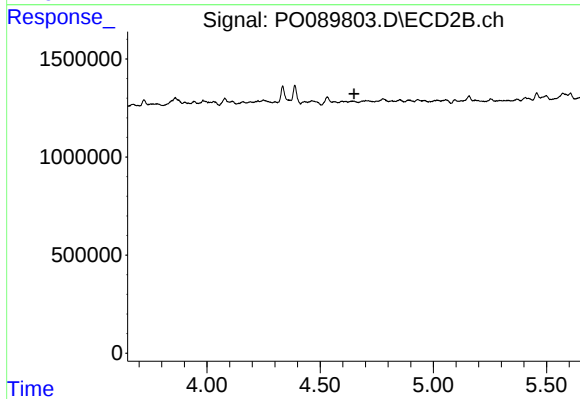
#15 AR-1232-5

R.T.: 5.095 min
Delta R.T.: -0.006 min
Response: 51312
Conc: 5.25 ng/ml



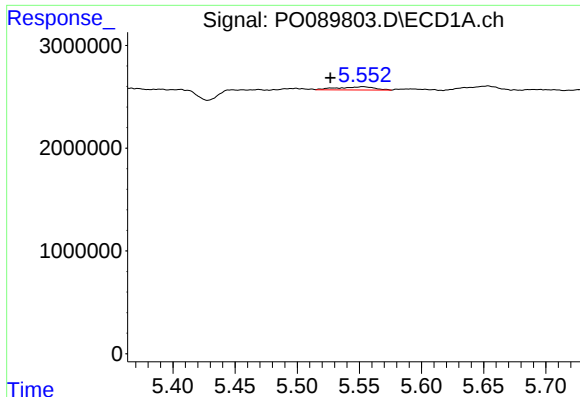
#16 AR-1242-1

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 131110
Conc: 2.13 ng/ml



#16 AR-1242-1

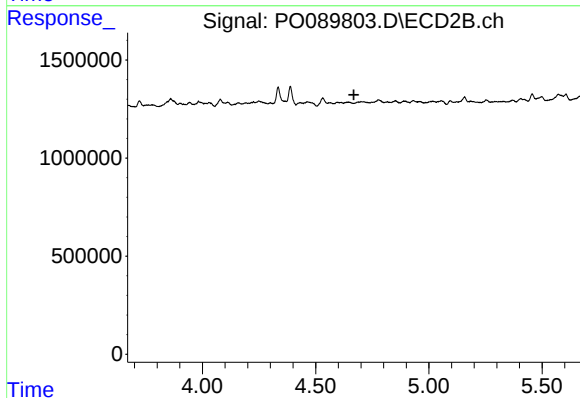
R.T.: 0.000 min
Exp R.T.: 4.649 min
Response: 0
Conc: N.D.



#17 AR-1242-2

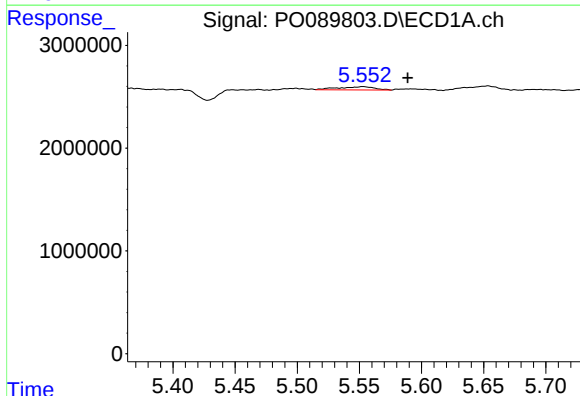
R.T.: 5.553 min
Delta R.T.: 0.026 min
Response: 641055
Conc: 7.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



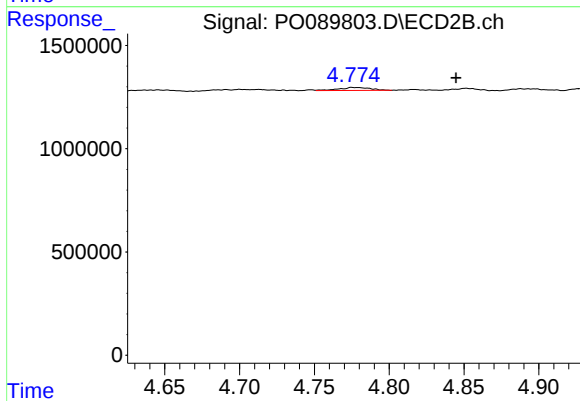
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.669 min
Response: 0
Conc: N.D.



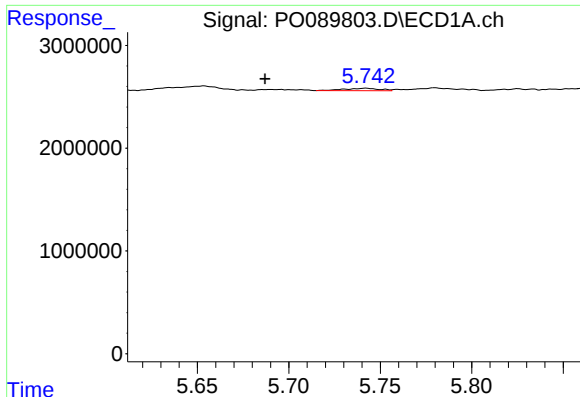
#18 AR-1242-3

R.T.: 5.553 min
Delta R.T.: -0.036 min
Response: 641055
Conc: 11.57 ng/ml



#18 AR-1242-3

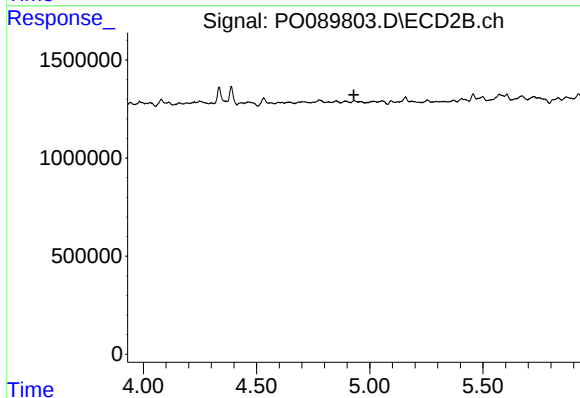
R.T.: 4.775 min
Delta R.T.: -0.070 min
Response: 210859
Conc: 10.96 ng/ml



#19 AR-1242-4

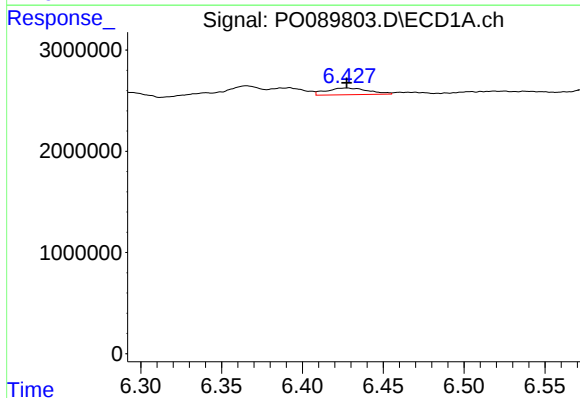
R.T.: 5.742 min
Delta R.T.: 0.055 min
Response: 319965
Conc: 7.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



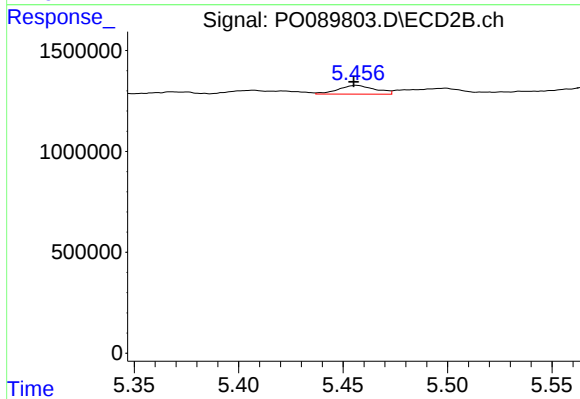
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.930 min
Response: 0
Conc: N.D.



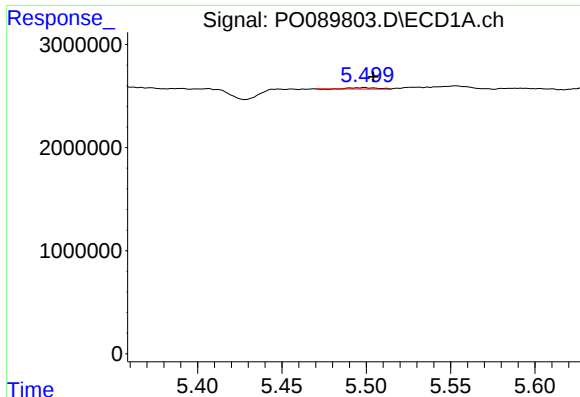
#20 AR-1242-5

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 1198366
Conc: 29.00 ng/ml



#20 AR-1242-5

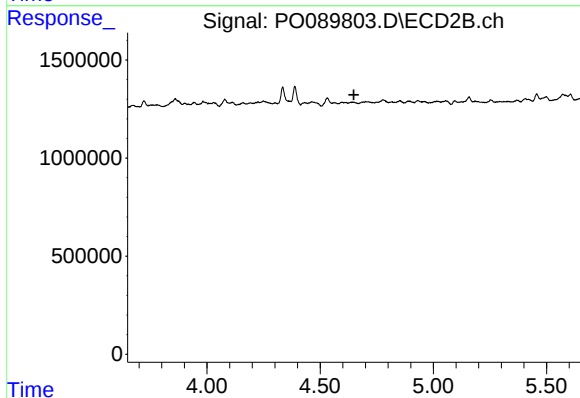
R.T.: 5.456 min
Delta R.T.: 0.001 min
Response: 530933
Conc: 22.03 ng/ml



#21 AR-1248-1

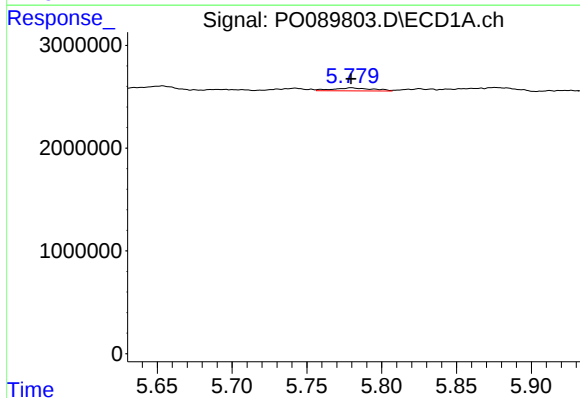
R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 131110
Conc: 2.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



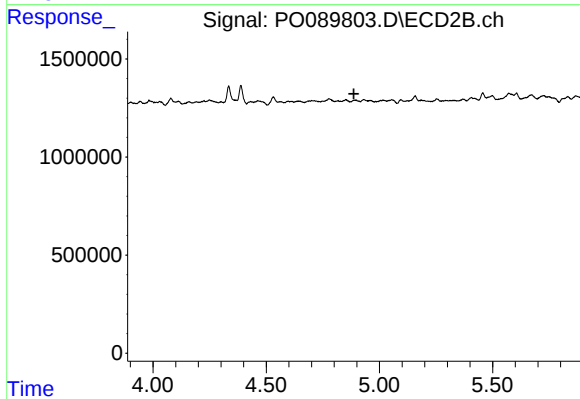
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.649 min
Response: 0
Conc: N.D.



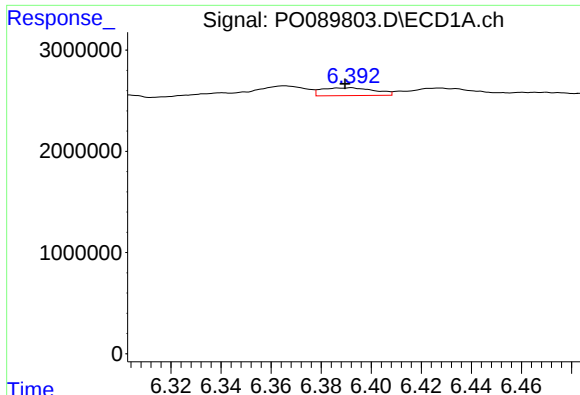
#22 AR-1248-2

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 536210
Conc: 8.30 ng/ml



#22 AR-1248-2

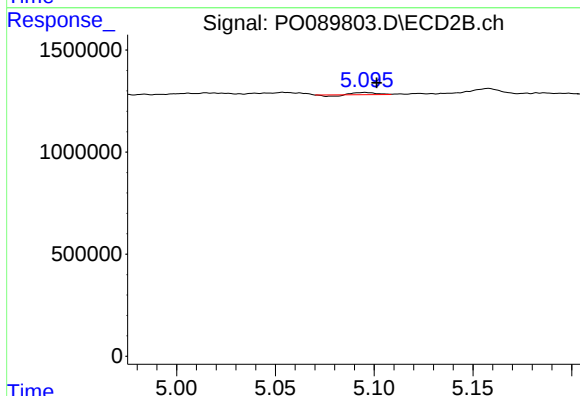
R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.



#24 AR-1248-4

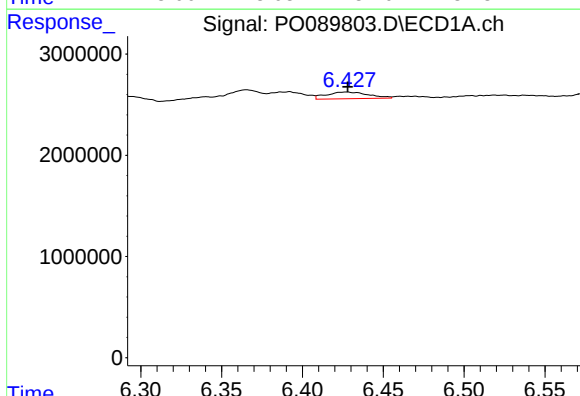
R.T.: 6.392 min
Delta R.T.: 0.002 min
Response: 1135277
Conc: 15.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



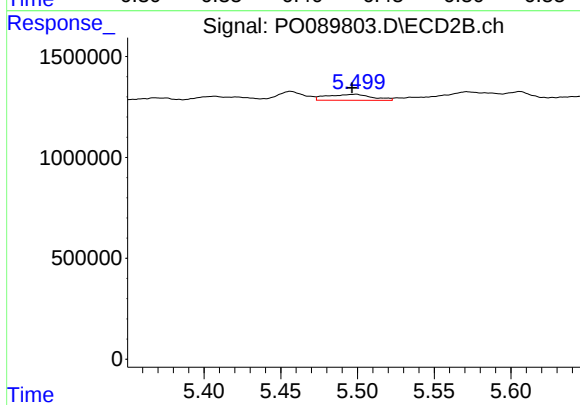
#24 AR-1248-4

R.T.: 5.095 min
Delta R.T.: -0.006 min
Response: 51312
Conc: 1.53 ng/ml



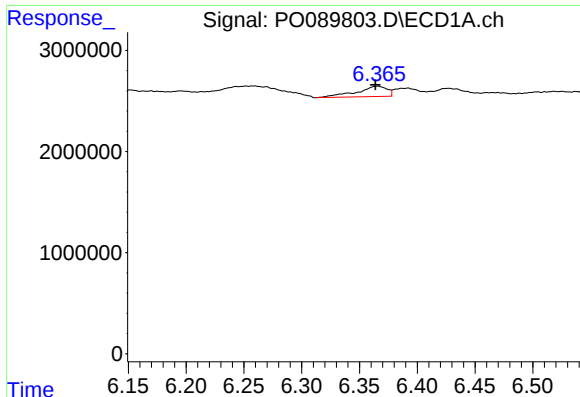
#25 AR-1248-5

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 1198366
Conc: 17.18 ng/ml



#25 AR-1248-5

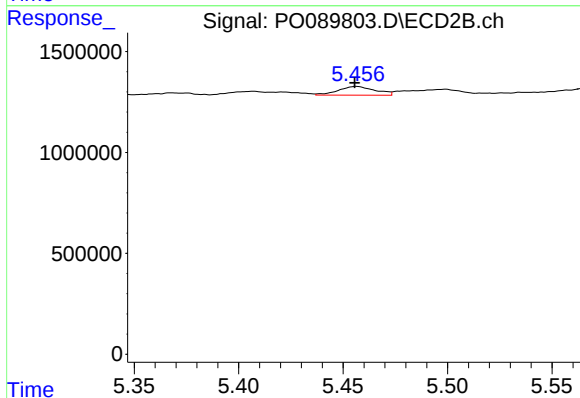
R.T.: 5.499 min
Delta R.T.: 0.003 min
Response: 597299
Conc: 18.34 ng/ml



#26 AR-1254-1

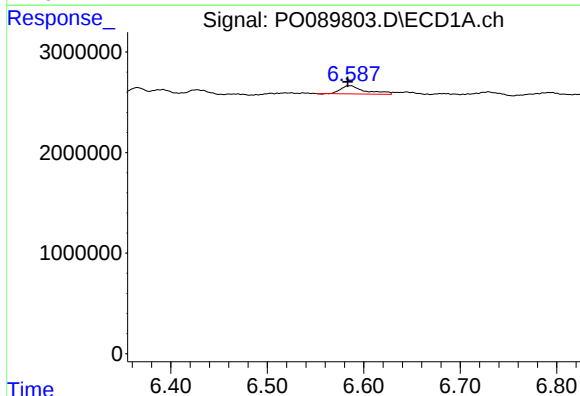
R.T.: 6.365 min
Delta R.T.: 0.002 min
Response: 1886078
Conc: 25.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



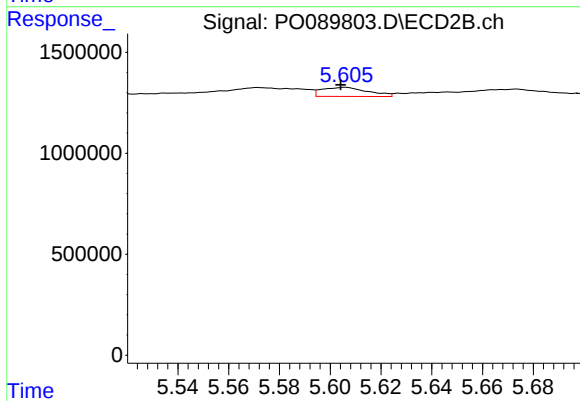
#26 AR-1254-1

R.T.: 5.456 min
Delta R.T.: 0.000 min
Response: 530933
Conc: 10.56 ng/ml



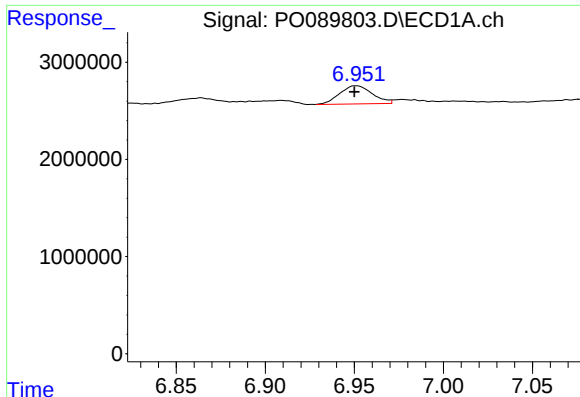
#27 AR-1254-2

R.T.: 6.586 min
Delta R.T.: 0.002 min
Response: 1410581
Conc: 13.27 ng/ml



#27 AR-1254-2

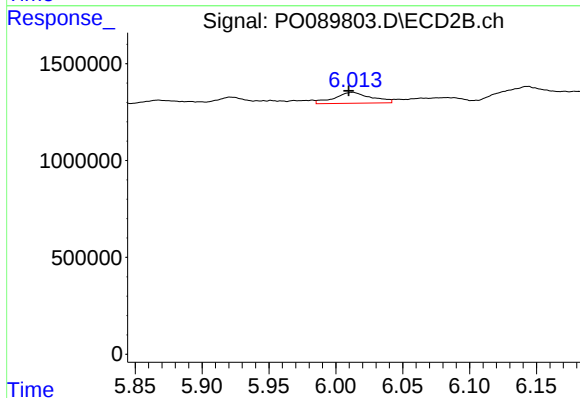
R.T.: 5.606 min
Delta R.T.: 0.002 min
Response: 564336
Conc: 12.91 ng/ml



#28 AR-1254-3

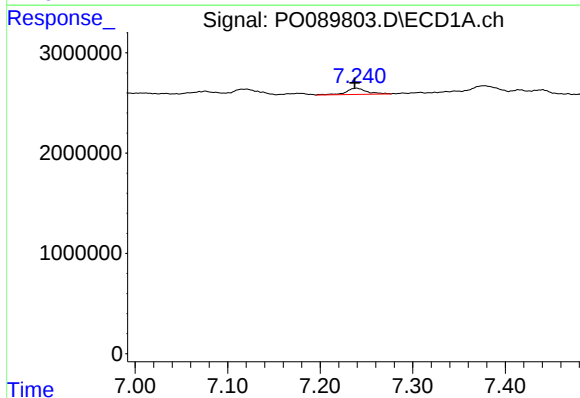
R.T.: 6.951 min
Delta R.T.: 0.000 min
Response: 2382155
Conc: 21.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



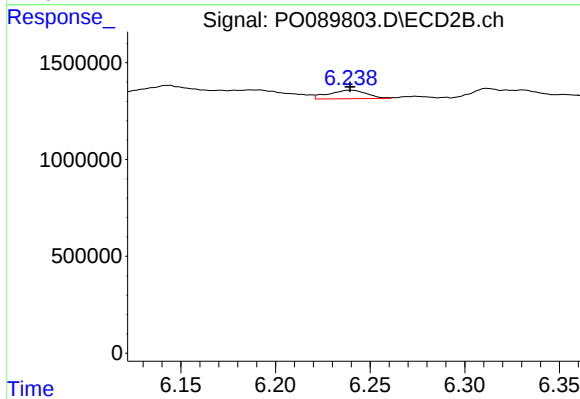
#28 AR-1254-3

R.T.: 6.013 min
Delta R.T.: 0.003 min
Response: 1088211
Conc: 15.32 ng/ml



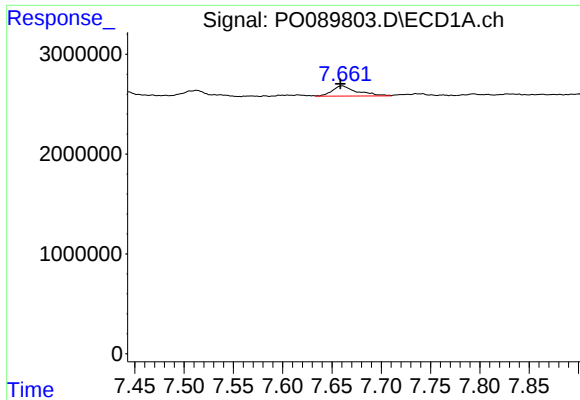
#29 AR-1254-4

R.T.: 7.239 min
Delta R.T.: 0.002 min
Response: 956944
Conc: 12.86 ng/ml



#29 AR-1254-4

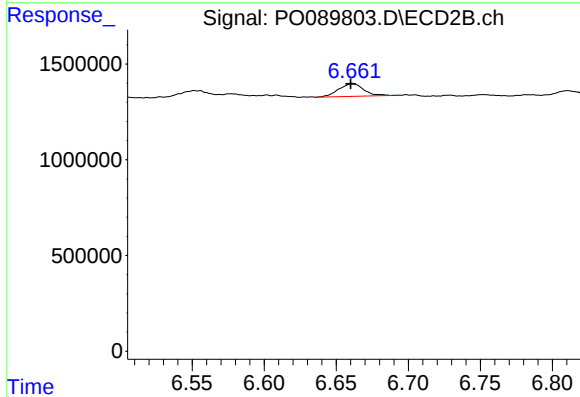
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 622955
Conc: 14.07 ng/ml



#30 AR-1254-5

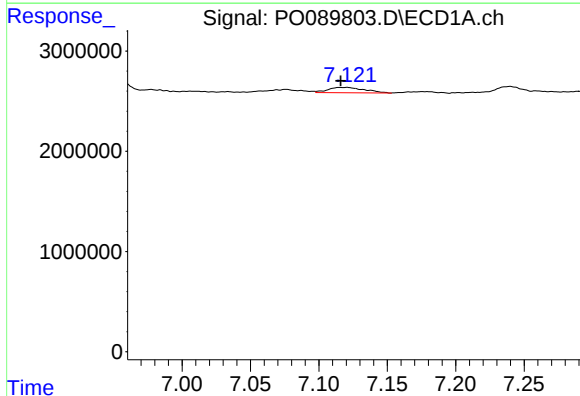
R.T.: 7.660 min
Delta R.T.: 0.002 min
Response: 1804594
Conc: 23.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



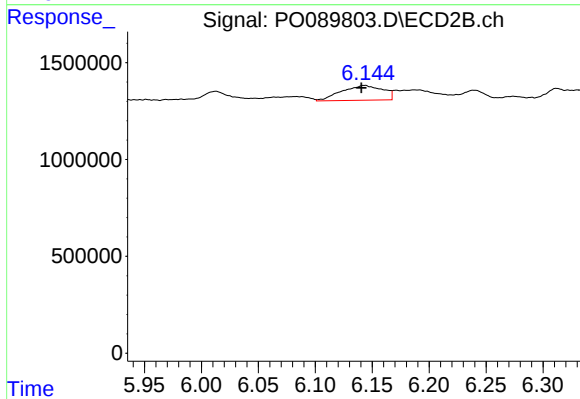
#30 AR-1254-5

R.T.: 6.661 min
Delta R.T.: 0.001 min
Response: 816451
Conc: 13.46 ng/ml



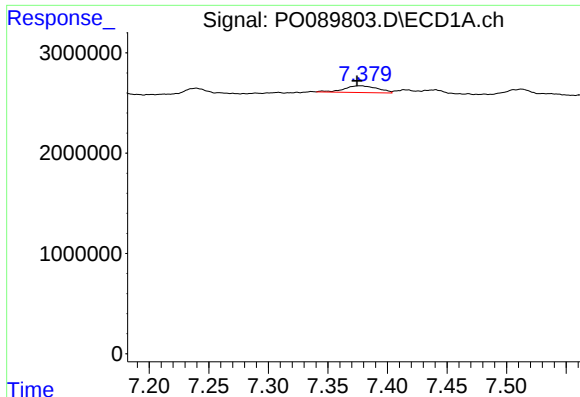
#31 AR-1260-1

R.T.: 7.120 min
Delta R.T.: 0.005 min
Response: 991063
Conc: 12.62 ng/ml



#31 AR-1260-1

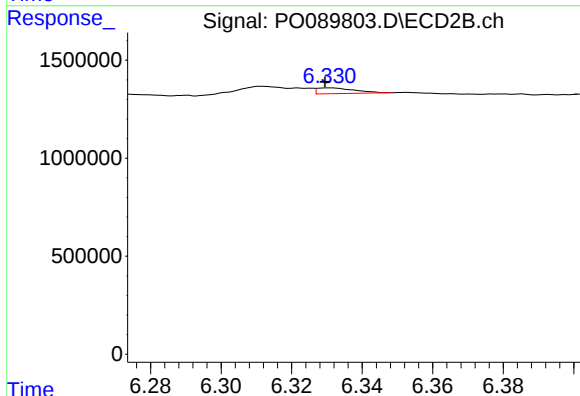
R.T.: 6.144 min
Delta R.T.: 0.003 min
Response: 1936798
Conc: 40.06 ng/ml



#32 AR-1260-2

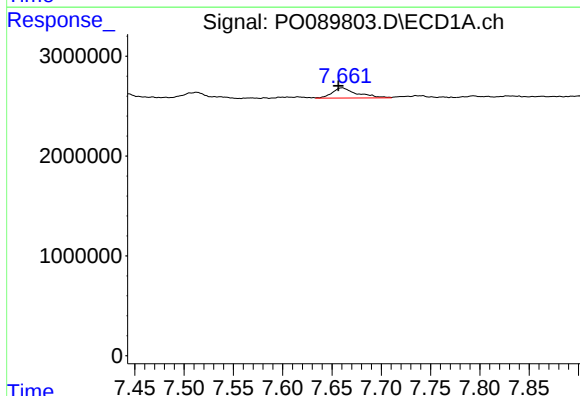
R.T.: 7.377 min
Delta R.T.: 0.003 min
Response: 1320610
Conc: 15.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



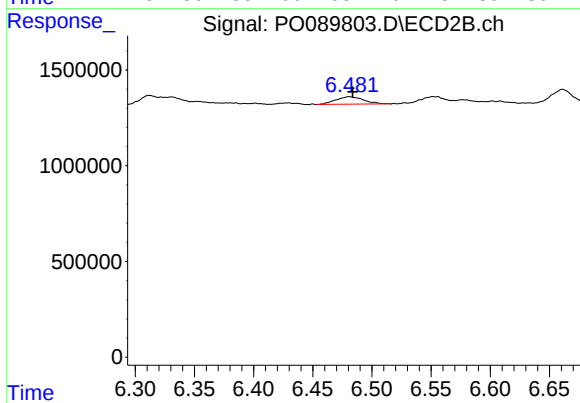
#32 AR-1260-2

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 215315
Conc: 3.67 ng/ml



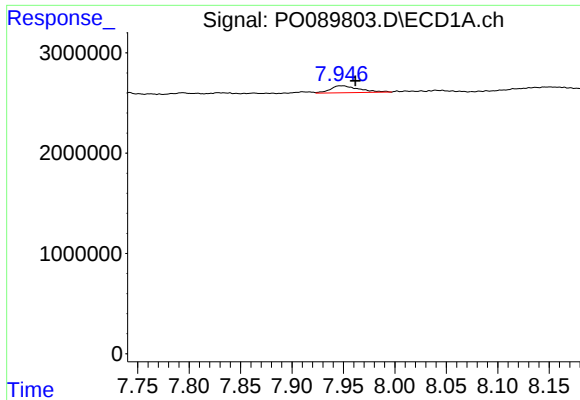
#33 AR-1260-3

R.T.: 7.660 min
Delta R.T.: 0.003 min
Response: 1804594
Conc: 19.36 ng/ml



#33 AR-1260-3

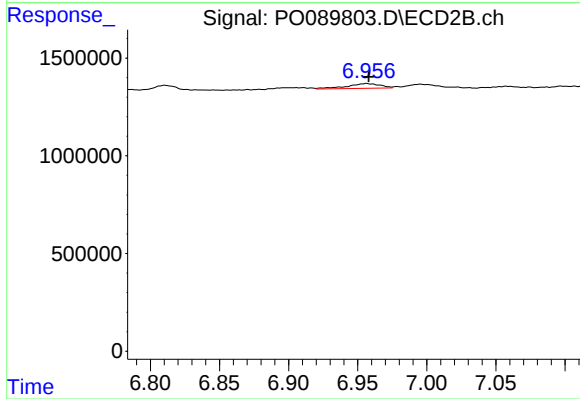
R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 637735
Conc: 11.61 ng/ml



#34 AR-1260-4

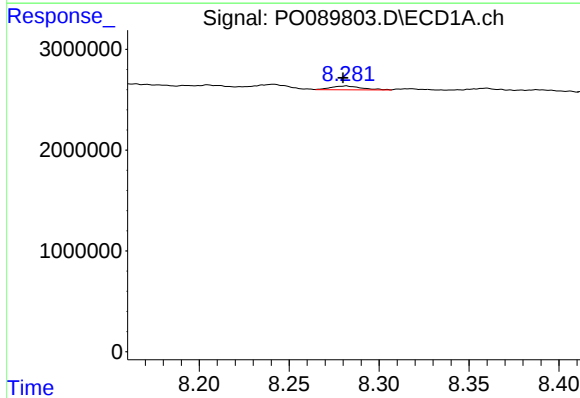
R.T.: 7.949 min
Delta R.T.: -0.013 min
Response: 1357291
Conc: 20.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



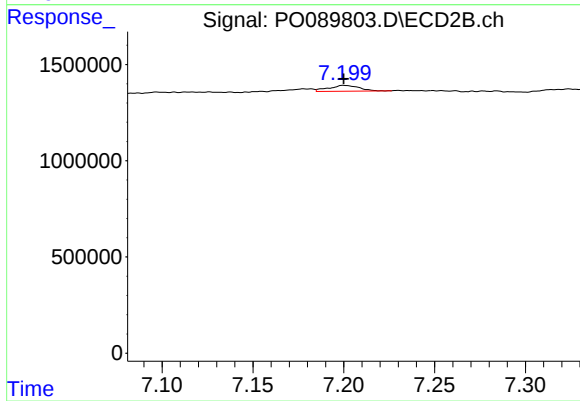
#34 AR-1260-4

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 411522
Conc: 9.30 ng/ml



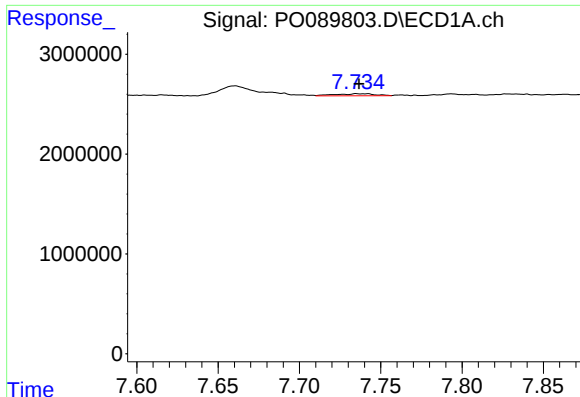
#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: 0.002 min
Response: 451705
Conc: 3.72 ng/ml



#35 AR-1260-5

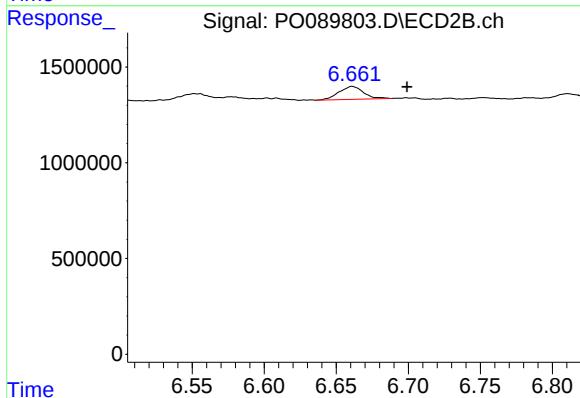
R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 356481
Conc: 3.47 ng/ml



#36 AR-1262-1

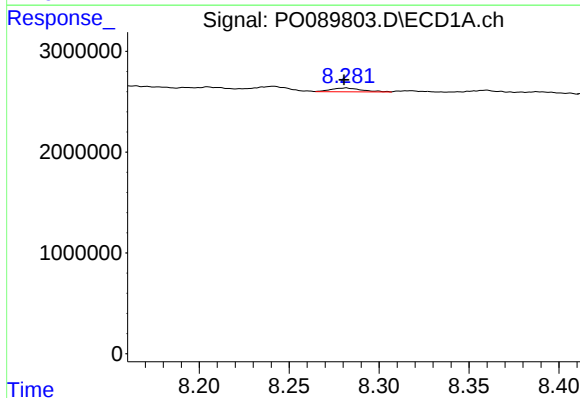
R.T.: 7.735 min
Delta R.T.: -0.001 min
Response: 338270
Conc: 3.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



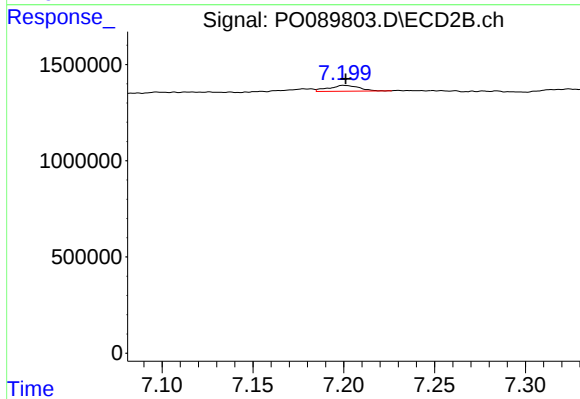
#36 AR-1262-1

R.T.: 6.661 min
Delta R.T.: -0.038 min
Response: 816451
Conc: 12.75 ng/ml



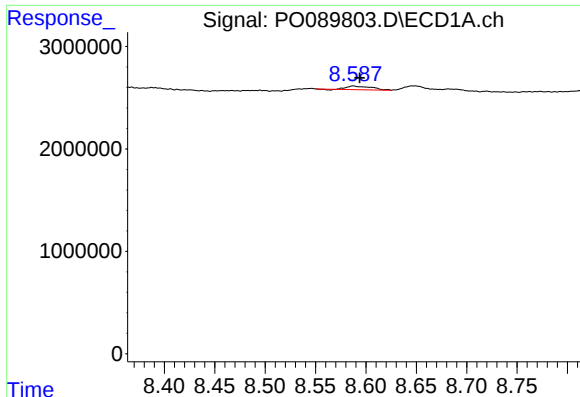
#37 AR-1262-2

R.T.: 8.281 min
Delta R.T.: 0.001 min
Response: 451705
Conc: 3.20 ng/ml



#37 AR-1262-2

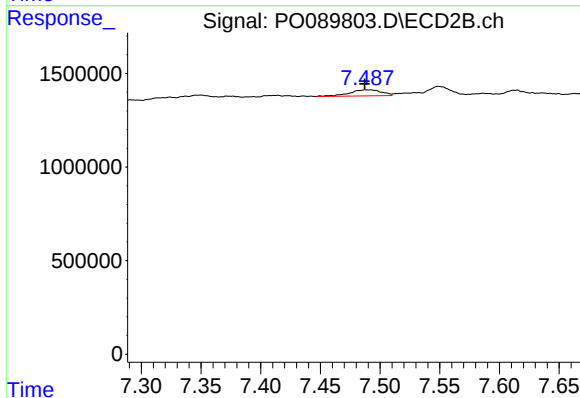
R.T.: 7.200 min
Delta R.T.: -0.002 min
Response: 356481
Conc: 3.12 ng/ml



#38 AR-1262-3

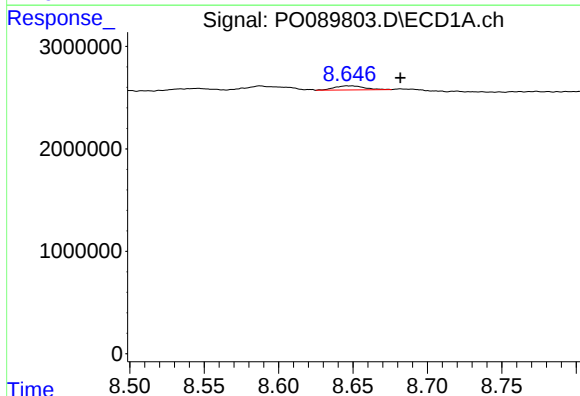
R.T.: 8.588 min
Delta R.T.: -0.006 min
Response: 603049
Conc: 6.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



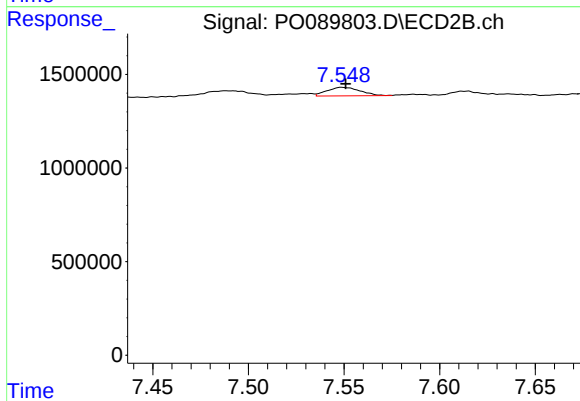
#38 AR-1262-3

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 602927
Conc: 13.72 ng/ml



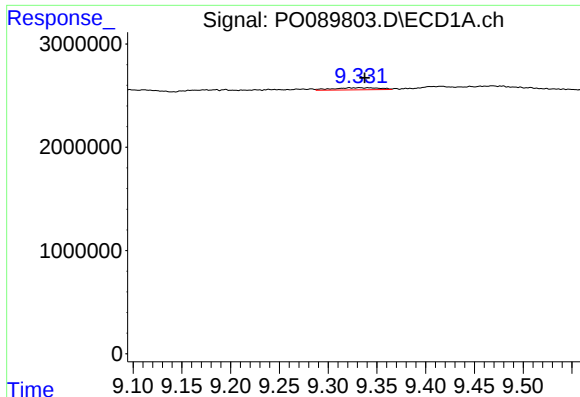
#39 AR-1262-4

R.T.: 8.646 min
Delta R.T.: -0.035 min
Response: 564796
Conc: 13.17 ng/ml



#39 AR-1262-4

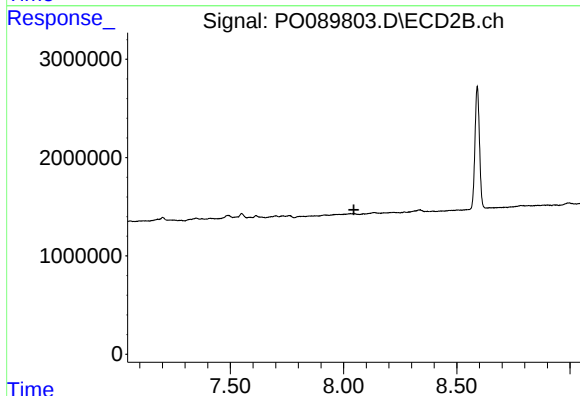
R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 553370
Conc: 6.76 ng/ml



#40 AR-1262-5

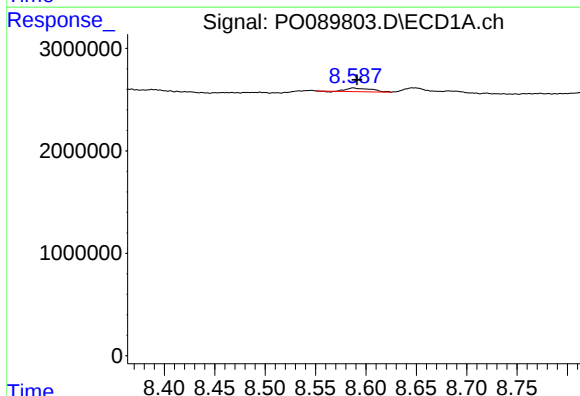
R.T.: 9.332 min
Delta R.T.: -0.005 min
Response: 656048
Conc: 12.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



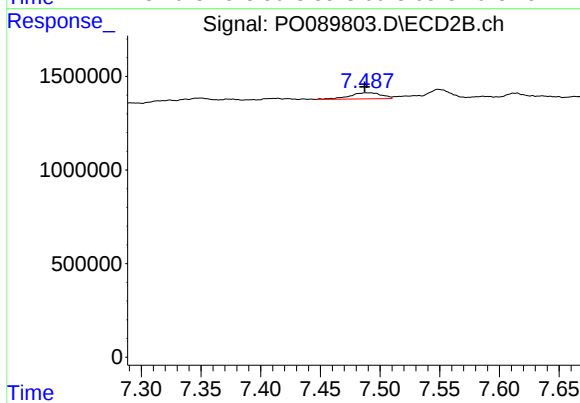
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.046 min
Response: 0
Conc: N.D.



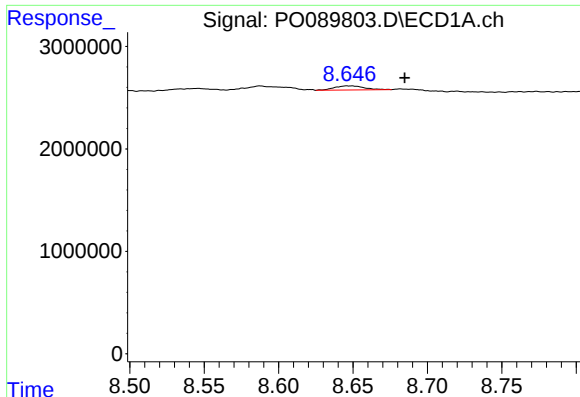
#41 AR-1268-1

R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 603049
Conc: 3.67 ng/ml



#41 AR-1268-1

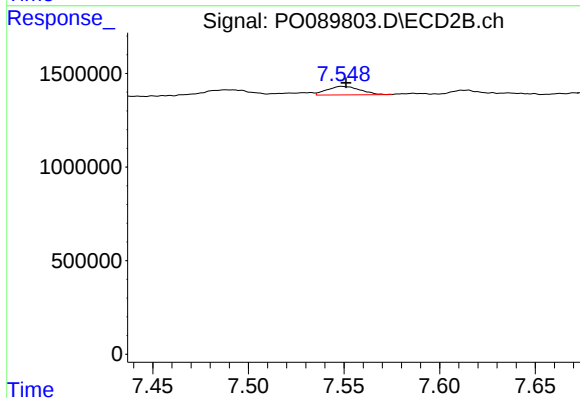
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 602927
Conc: 4.60 ng/ml



#42 AR-1268-2

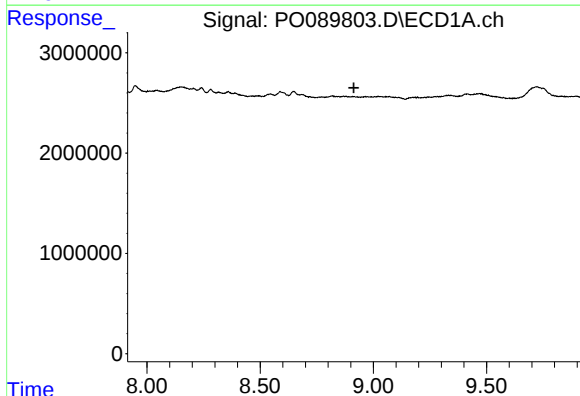
R.T.: 8.646 min
Delta R.T.: -0.038 min
Response: 564796
Conc: 3.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



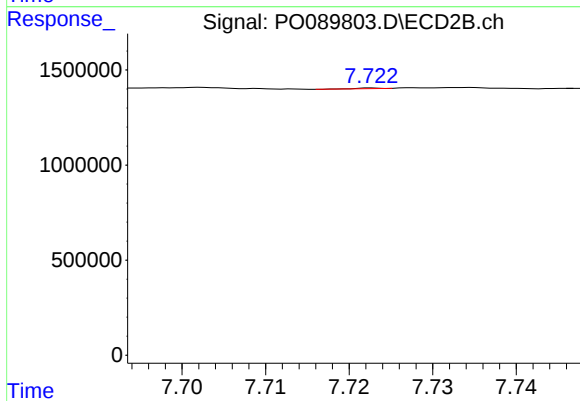
#42 AR-1268-2

R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 553370
Conc: 4.83 ng/ml



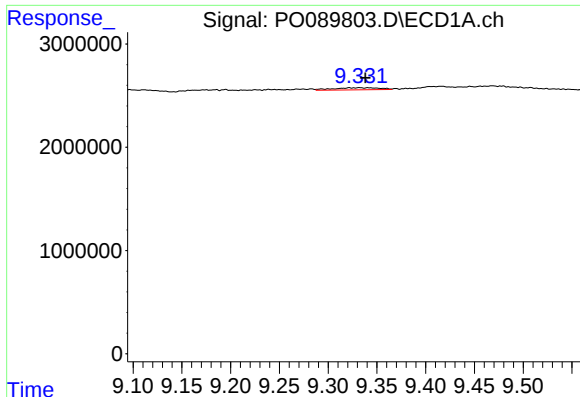
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.914 min
Response: 0
Conc: N.D.



#43 AR-1268-3

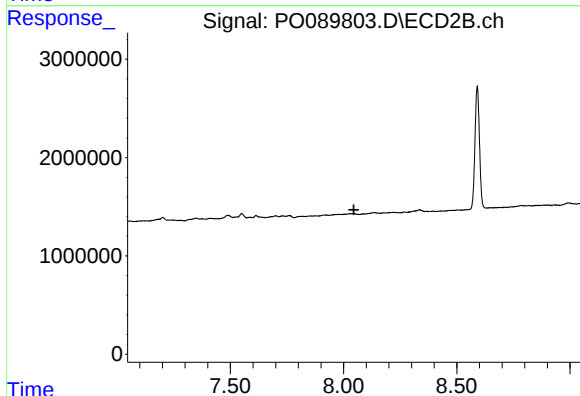
R.T.: 7.723 min
Delta R.T.: -0.038 min
Response: 11476
Conc: 0.12 ng/ml



#44 AR-1268-4

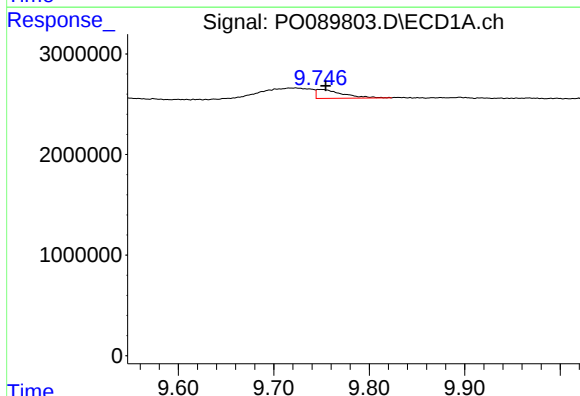
R.T.: 9.332 min
Delta R.T.: -0.006 min
Response: 656048
Conc: 11.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



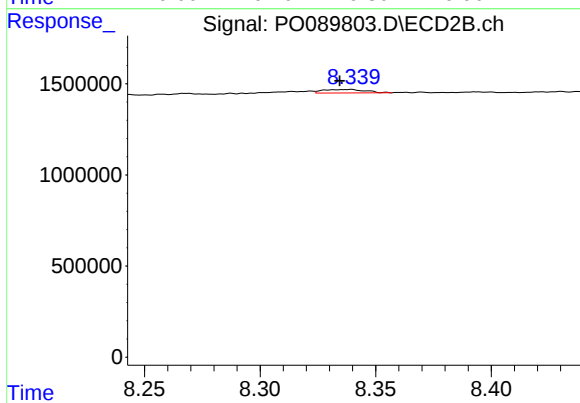
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.046 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.750 min
Delta R.T.: -0.004 min
Response: 1665047
Conc: 4.34 ng/ml



#45 AR-1268-5

R.T.: 8.340 min
Delta R.T.: 0.005 min
Response: 246930
Conc: 0.81 ng/ml