

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080522\
 Data File : P0088588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 11:20
 Operator : YP/AJ
 Sample : N3980-07
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 02:19:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 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...	4.438	3.595	48869022	18578564	18.117	17.166
2)	SA Decachlor...	10.279	8.591	36041700	21851862	18.677	18.031
Target Compounds							
3)	L1 AR-1016-1	5.546f	4.636f	444637	60257	5.516	1.617 #
4)	L1 AR-1016-2	0.000	4.636f	0	60257	N.D.	1.156 #
5)	L1 AR-1016-3	0.000	4.911f	0	643377	N.D.	21.990 #
6)	L1 AR-1016-4	0.000	4.911	0	643377	N.D.	26.671 #
7)	L1 AR-1016-5	6.095	5.123	686780	510046	11.973	15.638 #
9)	L2 AR-1221-2	4.744	3.894	715896	299324	30.964	33.140
10)	L2 AR-1221-3	4.869f	0.000	69191	0	0.986	N.D. #
11)	L3 AR-1232-1	4.869f	0.000	69191	0	1.246	N.D. #
12)	L3 AR-1232-2	0.000	4.636f	0	60257	N.D.	2.610 #
13)	L3 AR-1232-3	0.000	4.911f	0	643377	N.D.	52.354 #
14)	L3 AR-1232-4	0.000	4.951	0	194723	N.D.	16.521 #
15)	L3 AR-1232-5	5.890	5.123	1604798	510046	77.975	37.910 #
16)	L4 AR-1242-1	5.546f	4.636f	444637	60257	6.616	1.965 #
17)	L4 AR-1242-2	0.000	4.636f	0	60257	N.D.	1.399 #
18)	L4 AR-1242-3	0.000	4.911f	0	643377	N.D.	26.799 #
19)	L4 AR-1242-4	0.000	4.951	0	194723	N.D.	7.723 #
20)	L4 AR-1242-5	6.542	5.475	1063102	1726927	20.485	54.239 #
21)	L5 AR-1248-1	5.546f	4.636f	444637	60257	8.618	2.566 #
22)	L5 AR-1248-2	5.890	4.911	1604798	643377	20.905	17.927
23)	L5 AR-1248-3	6.095	4.951	686780	194723	8.315	5.114 #
24)	L5 AR-1248-4	6.502	5.123	1300469	510046	14.481	11.107
25)	L5 AR-1248-5	6.542	5.515	1063102	252673	11.993	5.787 #
26)	L6 AR-1254-1	6.476	5.475	2691053	1726927	29.460	25.074
27)	L6 AR-1254-2	6.696	5.622	3849023	1555811	28.146	26.272
28)	L6 AR-1254-3	7.064	6.025	4335758	2303277	30.810	24.770
29)	L6 AR-1254-4	7.351	6.254	2698596	1382801	26.707	24.409
30)	L6 AR-1254-5	7.771	6.672	2782127	1882203	26.126	23.059
31)	L7 AR-1260-1	7.228	6.155	1489289	1124580	14.411	17.695
32)	L7 AR-1260-2	7.485	6.344	1653117	1184184	13.986	15.454
33)	L7 AR-1260-3	7.835	6.495	402422	1010116	4.581	14.060 #
34)	L7 AR-1260-4	8.061	6.971	1172653	95469	11.973	1.565 #
35)	L7 AR-1260-5	8.401	7.211	667983	231060	3.626	1.638 #
36)	L8 AR-1262-1	7.835	6.740	402422	105416	3.176	3.011
37)	L8 AR-1262-2	8.401	7.211	667983	231060	3.182	1.508 #
38)	L8 AR-1262-3	8.741	7.492	348401	56885	3.864	0.922 #
39)	L8 AR-1262-4	8.791	7.558	322800	366622	4.897	3.219 #
40)	L8 AR-1262-5	9.484	8.050	79991	268857	0.998	5.008 #
41)	L9 AR-1268-1	8.741	7.492	348401	56885	1.405	0.321 #
42)	L9 AR-1268-2	8.791	7.558	322800	366622	1.419	2.284 #

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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
43) L9	AR-1268-3	9.055	7.767	80399	351493	0.410	2.548 #
44) L9	AR-1268-4	9.484	8.050	79991	268857	0.919	4.645 #
45) L9	AR-1268-5	9.930	8.342	364894	374222	0.583	0.917 #

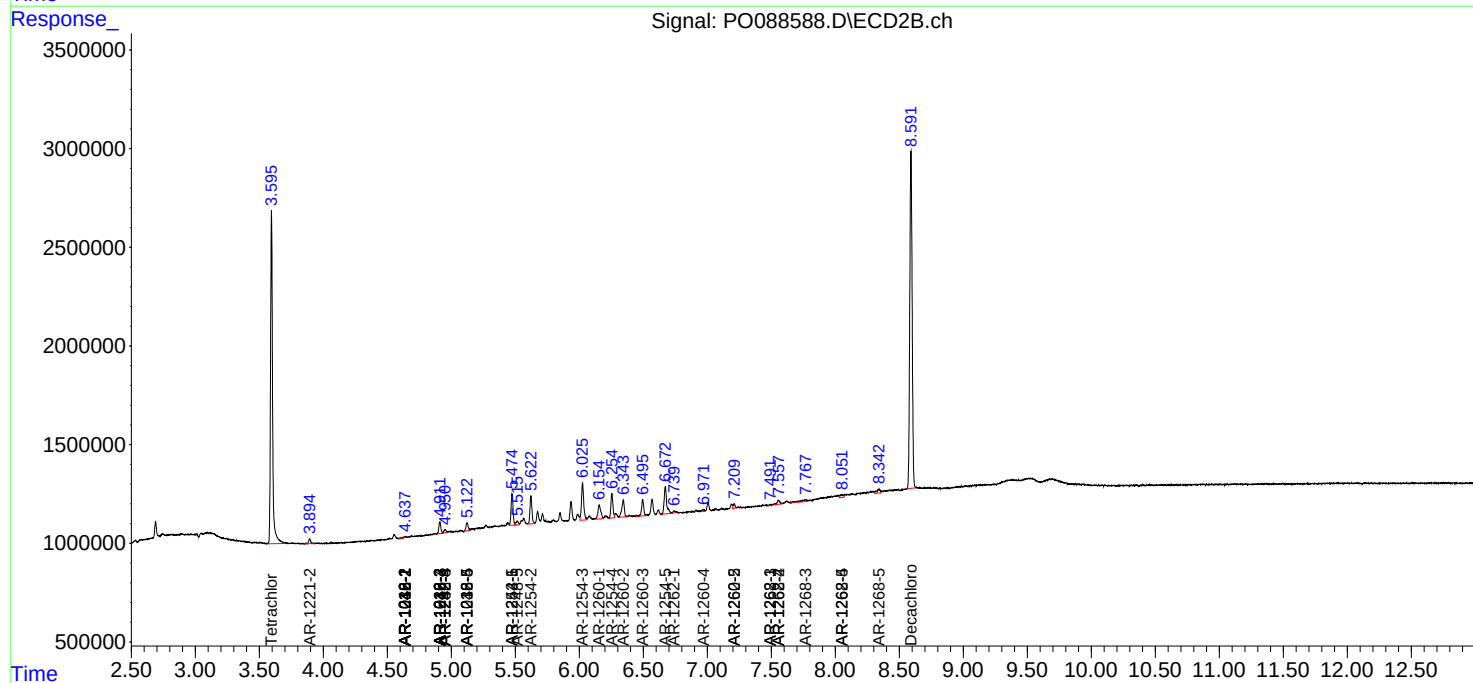
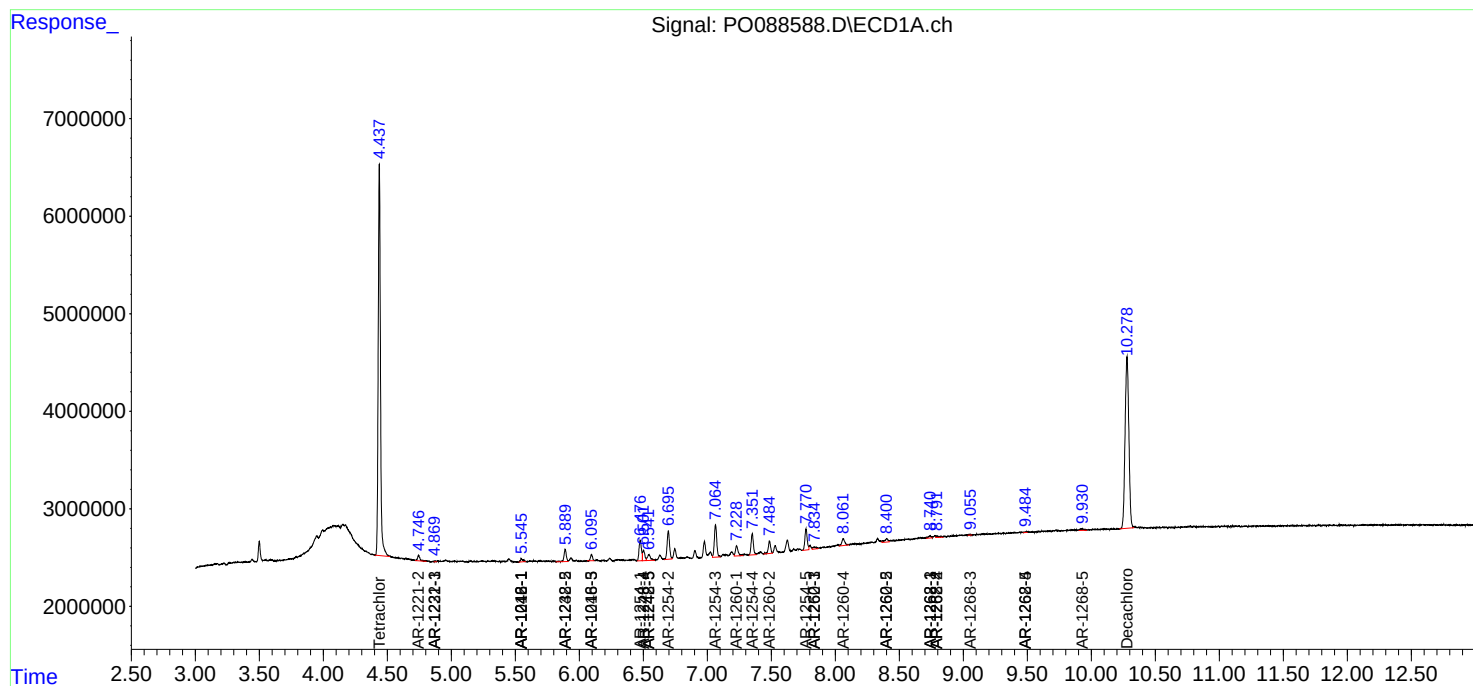
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

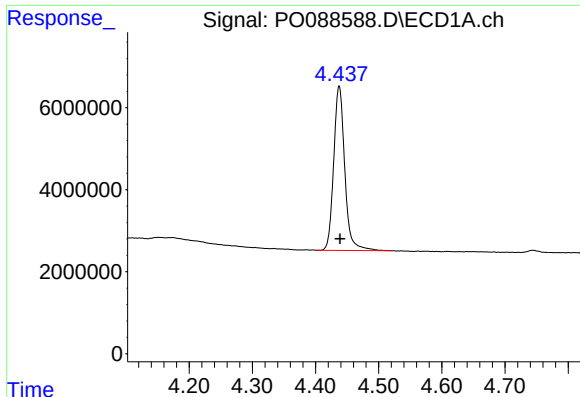
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

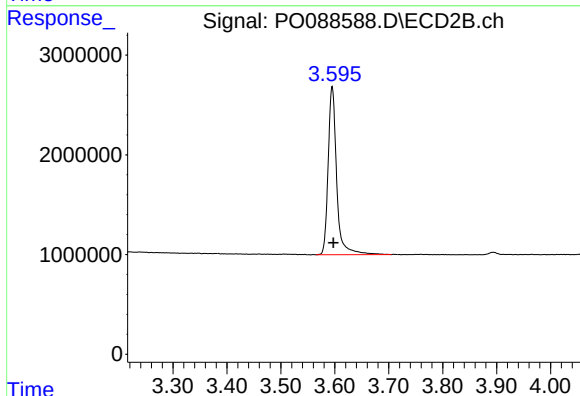




#1 Tetrachloro-m-xylene

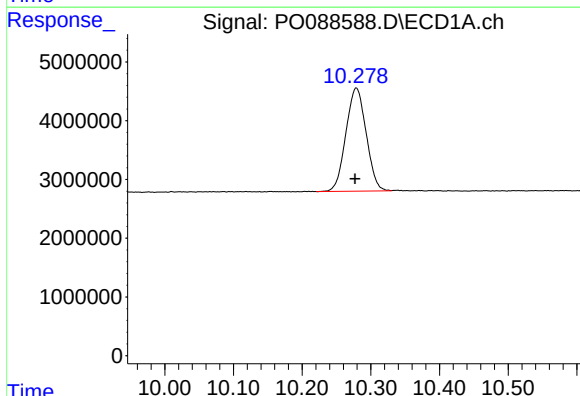
R.T.: 4.438 min
Delta R.T.: -0.002 min
Response: 48869022
Conc: 18.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



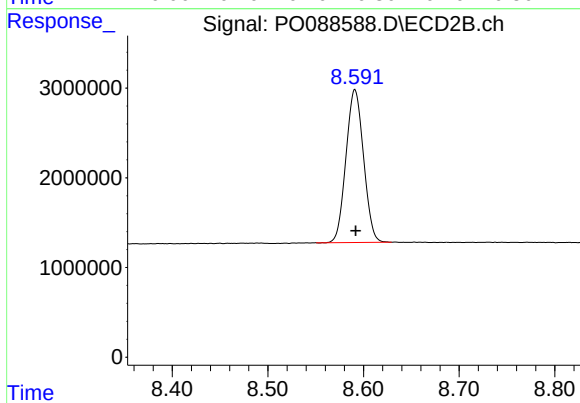
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: -0.002 min
Response: 18578564
Conc: 17.17 ng/ml



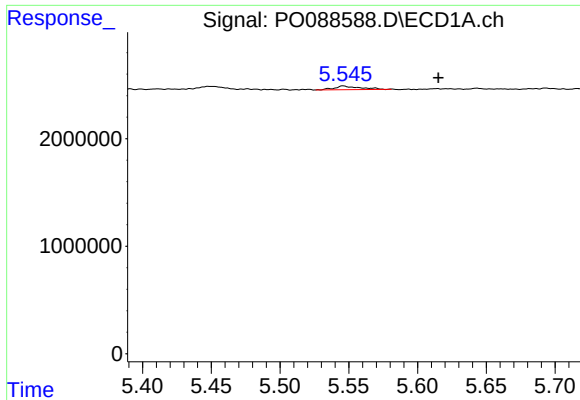
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.002 min
Response: 36041700
Conc: 18.68 ng/ml



#2 Decachlorobiphenyl

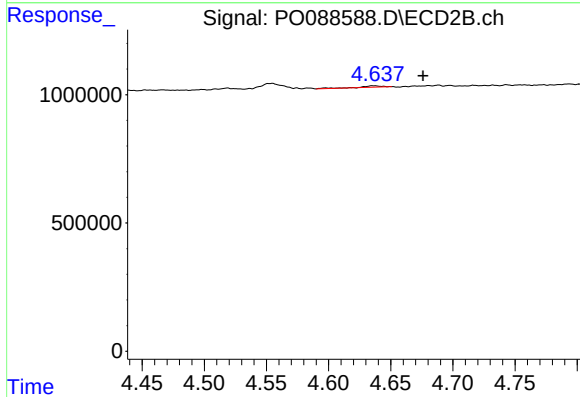
R.T.: 8.591 min
Delta R.T.: 0.000 min
Response: 21851862
Conc: 18.03 ng/ml



#3 AR-1016-1

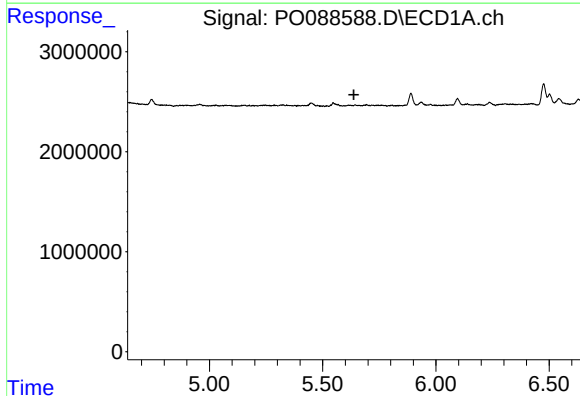
R.T.: 5.546 min
Delta R.T.: -0.069 min
Response: 444637
Conc: 5.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



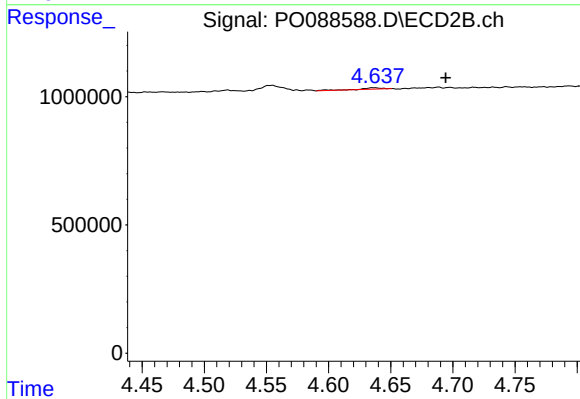
#3 AR-1016-1

R.T.: 4.636 min
Delta R.T.: -0.040 min
Response: 60257
Conc: 1.62 ng/ml



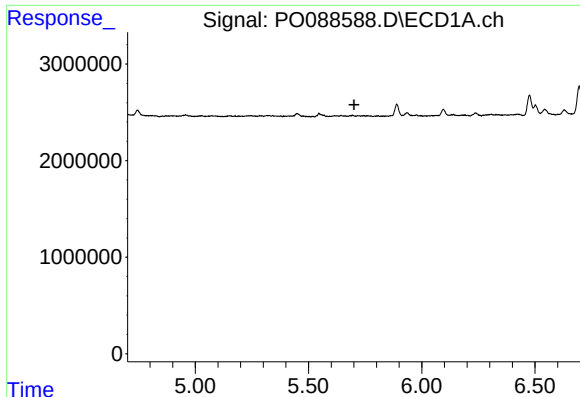
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.638 min
Response: 0
Conc: N.D.



#4 AR-1016-2

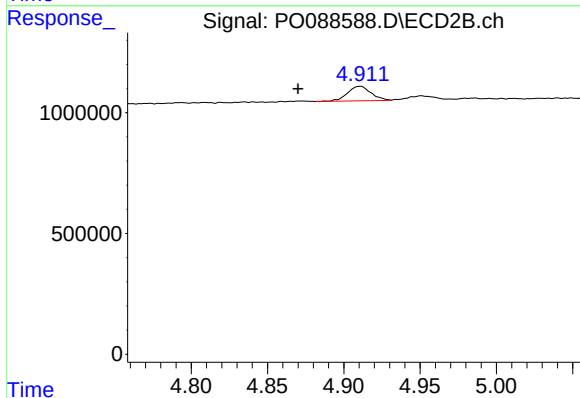
R.T.: 4.636 min
Delta R.T.: -0.058 min
Response: 60257
Conc: 1.16 ng/ml



#5 AR-1016-3

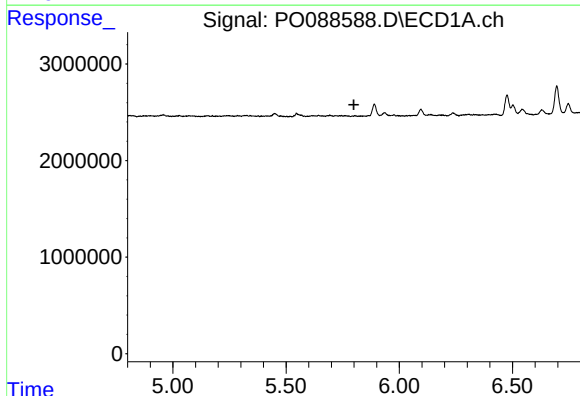
R.T.: 0.000 min
Exp R.T.: 5.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



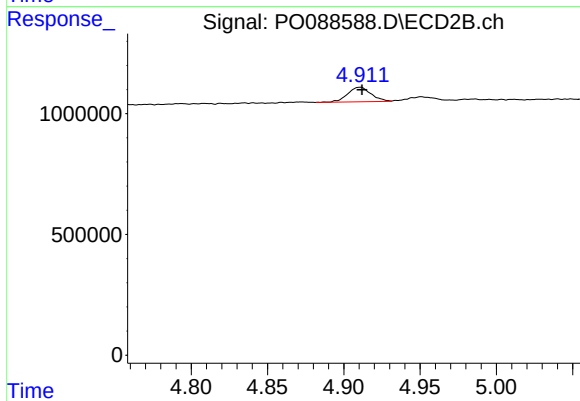
#5 AR-1016-3

R.T.: 4.911 min
Delta R.T.: 0.041 min
Response: 643377
Conc: 21.99 ng/ml



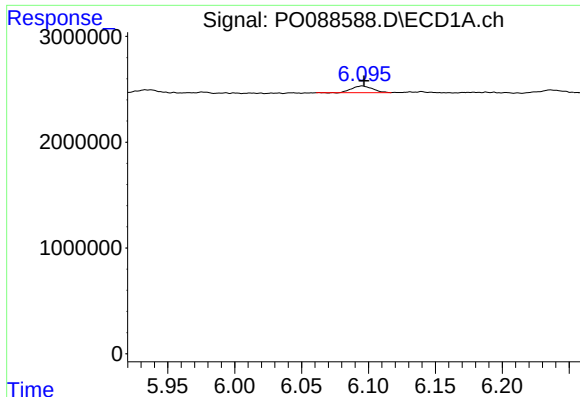
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.800 min
Response: 0
Conc: N.D.



#6 AR-1016-4

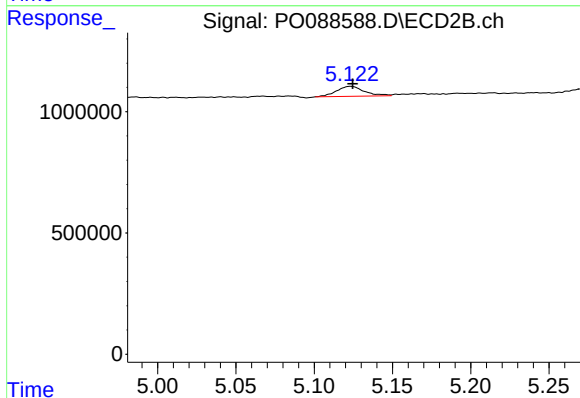
R.T.: 4.911 min
Delta R.T.: -0.001 min
Response: 643377
Conc: 26.67 ng/ml



#7 AR-1016-5

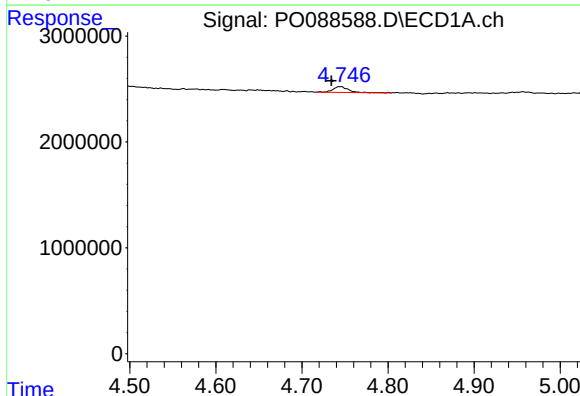
R.T.: 6.095 min
Delta R.T.: -0.001 min
Response: 686780
Conc: 11.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



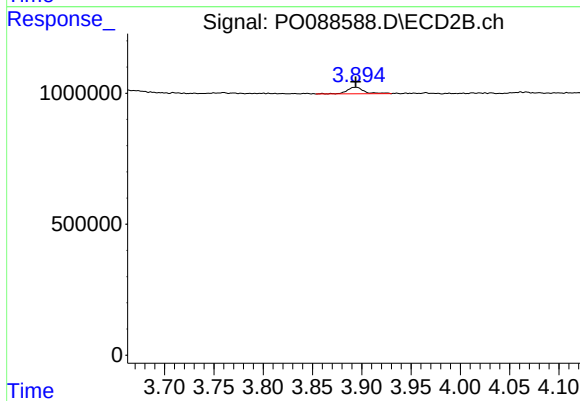
#7 AR-1016-5

R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 510046
Conc: 15.64 ng/ml



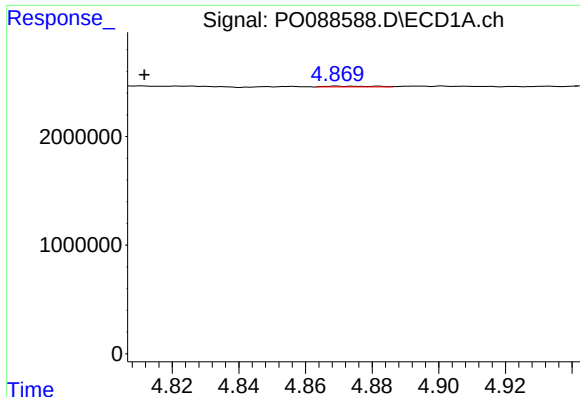
#9 AR-1221-2

R.T.: 4.744 min
Delta R.T.: 0.010 min
Response: 715896
Conc: 30.96 ng/ml



#9 AR-1221-2

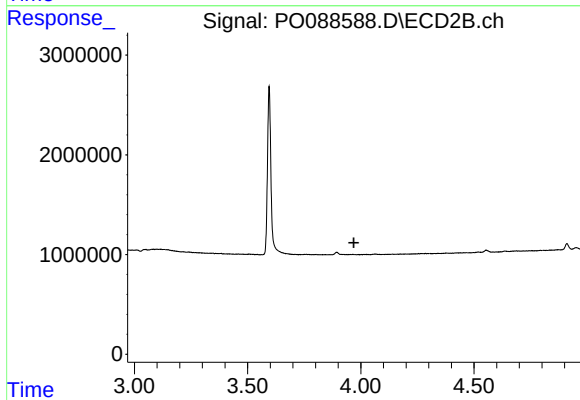
R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 299324
Conc: 33.14 ng/ml



#10 AR-1221-3

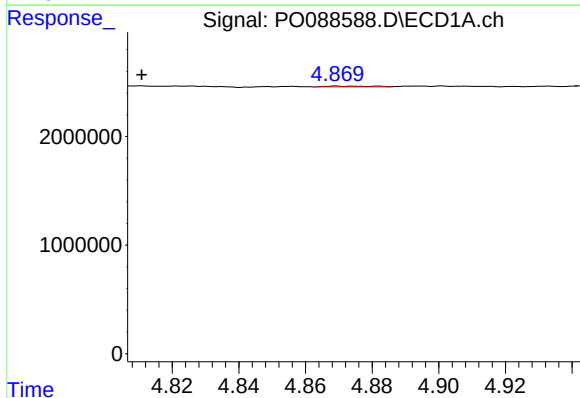
R.T.: 4.869 min
Delta R.T.: 0.057 min
Response: 69191
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



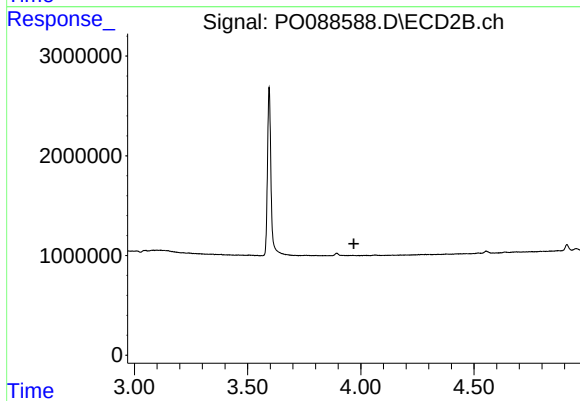
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



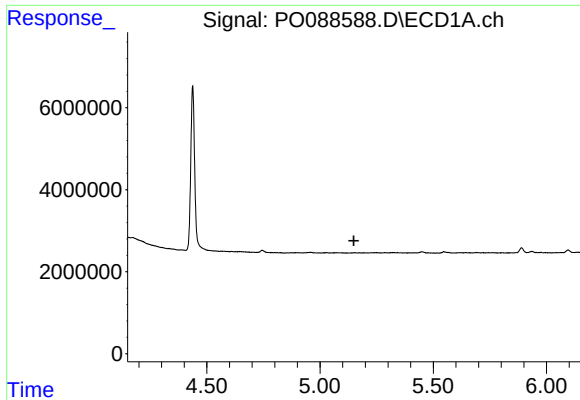
#11 AR-1232-1

R.T.: 4.869 min
Delta R.T.: 0.058 min
Response: 69191
Conc: 1.25 ng/ml



#11 AR-1232-1

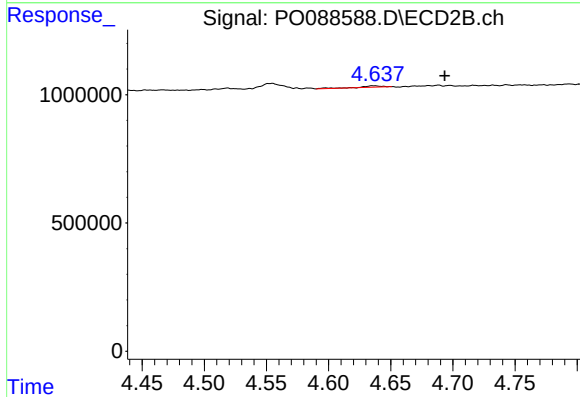
R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



#12 AR-1232-2

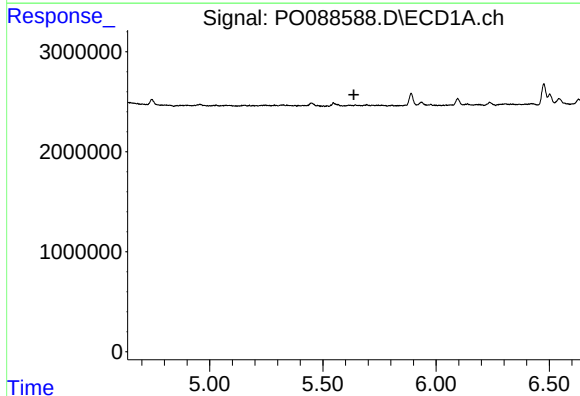
R.T.: 0.000 min
Exp R.T.: 5.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



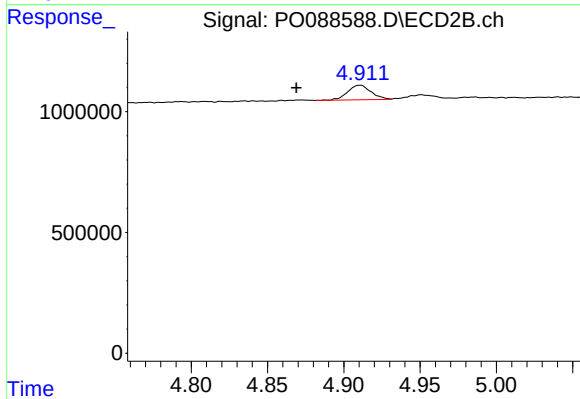
#12 AR-1232-2

R.T.: 4.636 min
Delta R.T.: -0.057 min
Response: 60257
Conc: 2.61 ng/ml



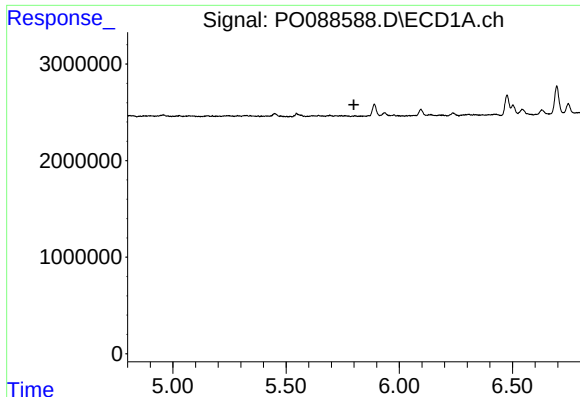
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.637 min
Response: 0
Conc: N.D.



#13 AR-1232-3

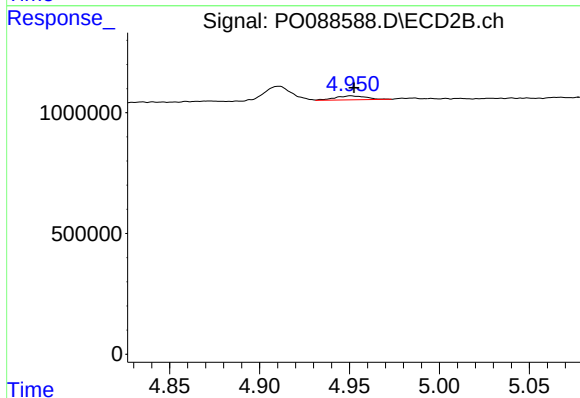
R.T.: 4.911 min
Delta R.T.: 0.042 min
Response: 643377
Conc: 52.35 ng/ml



#14 AR-1232-4

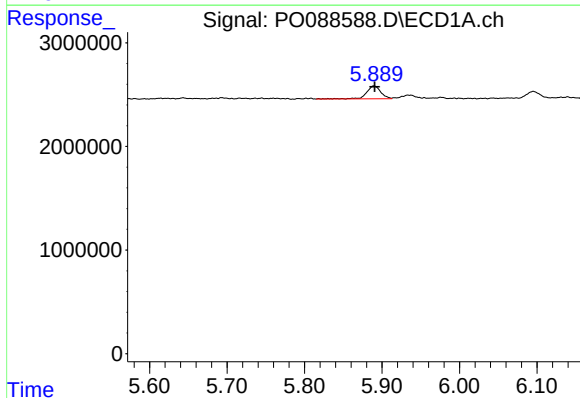
R.T.: 0.000 min
Exp R.T.: 5.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



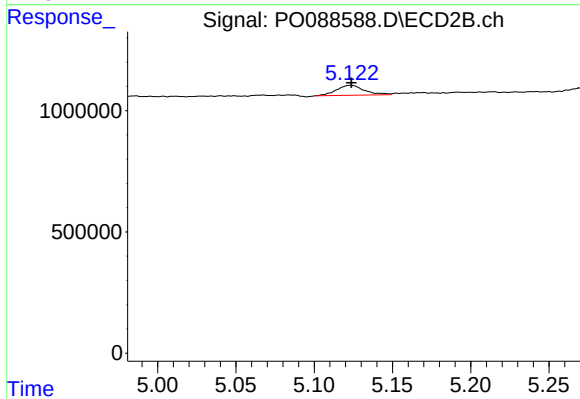
#14 AR-1232-4

R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 194723
Conc: 16.52 ng/ml



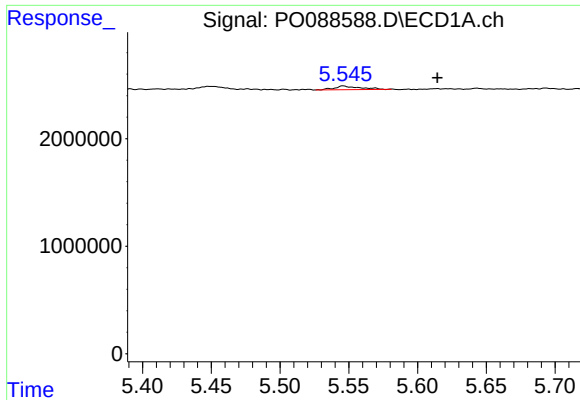
#15 AR-1232-5

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 1604798
Conc: 77.98 ng/ml



#15 AR-1232-5

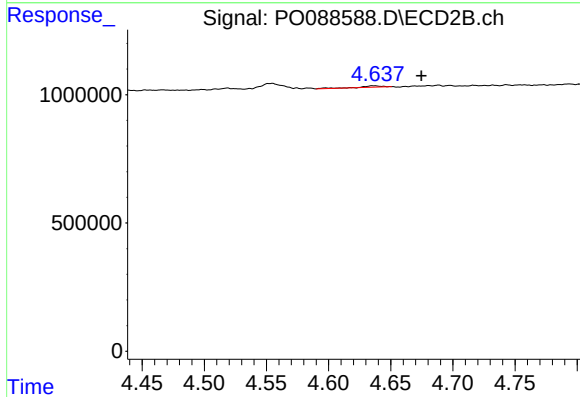
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 510046
Conc: 37.91 ng/ml



#16 AR-1242-1

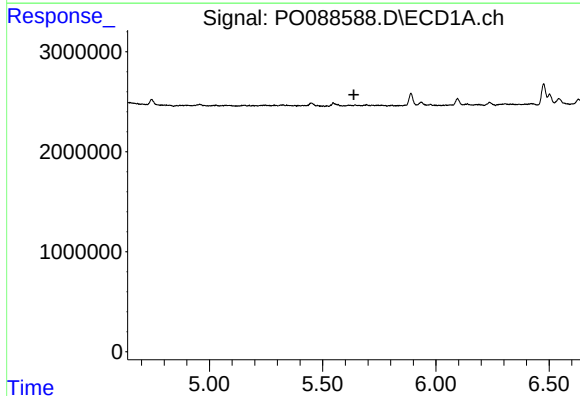
R.T.: 5.546 min
Delta R.T.: -0.069 min
Response: 444637
Conc: 6.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



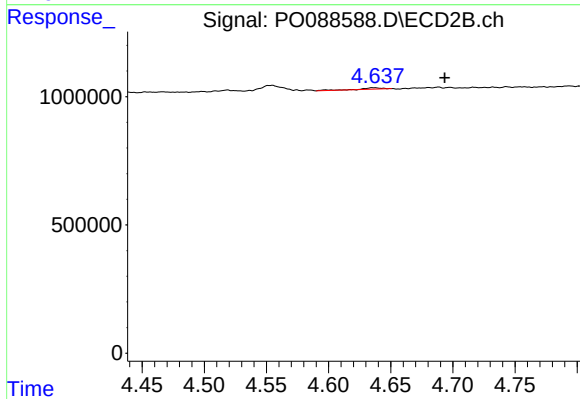
#16 AR-1242-1

R.T.: 4.636 min
Delta R.T.: -0.038 min
Response: 60257
Conc: 1.97 ng/ml



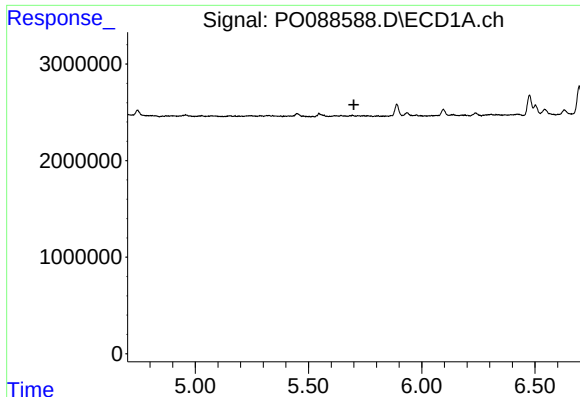
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.637 min
Response: 0
Conc: N.D.



#17 AR-1242-2

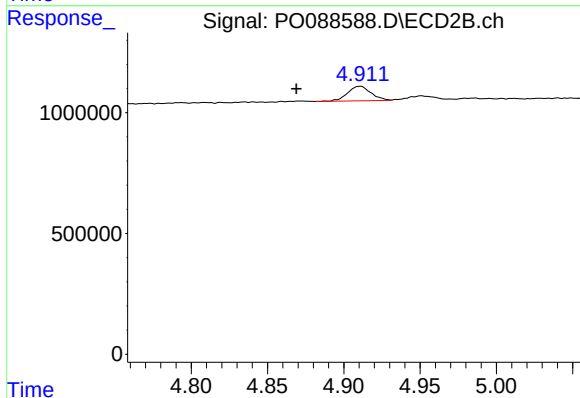
R.T.: 4.636 min
Delta R.T.: -0.057 min
Response: 60257
Conc: 1.40 ng/ml



#18 AR-1242-3

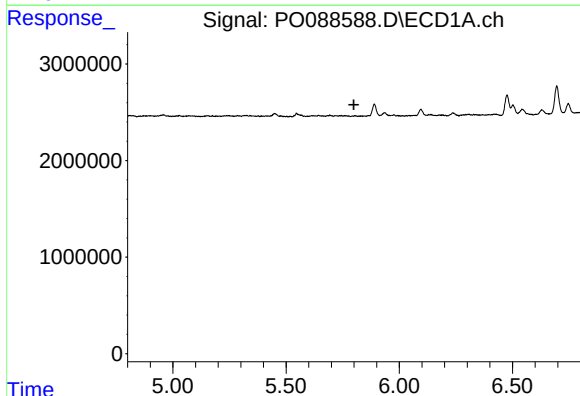
R.T.: 0.000 min
Exp R.T.: 5.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



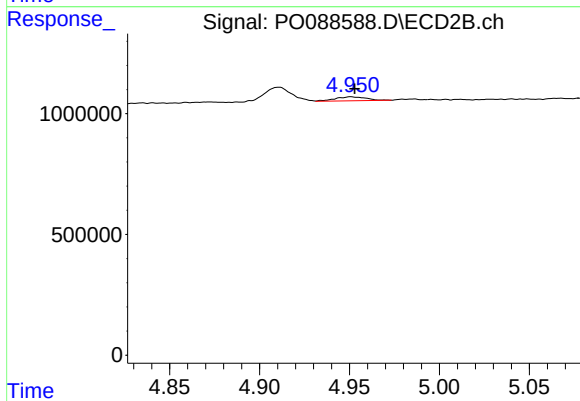
#18 AR-1242-3

R.T.: 4.911 min
Delta R.T.: 0.042 min
Response: 643377
Conc: 26.80 ng/ml



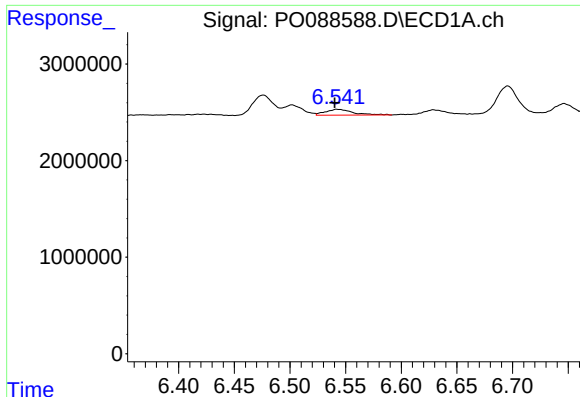
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.799 min
Response: 0
Conc: N.D.



#19 AR-1242-4

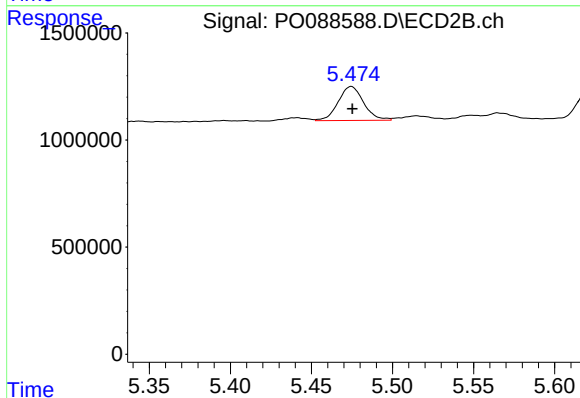
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 194723
Conc: 7.72 ng/ml



#20 AR-1242-5

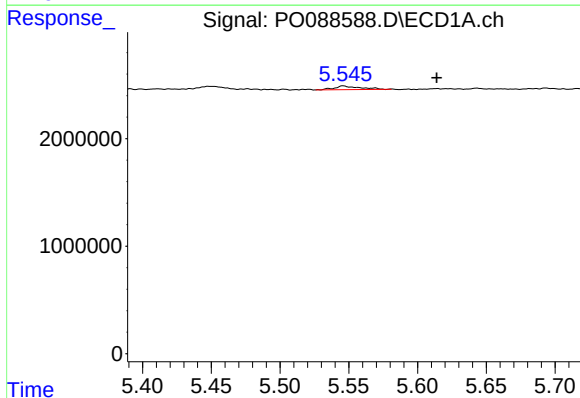
R.T.: 6.542 min
Delta R.T.: 0.002 min
Response: 1063102
Conc: 20.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



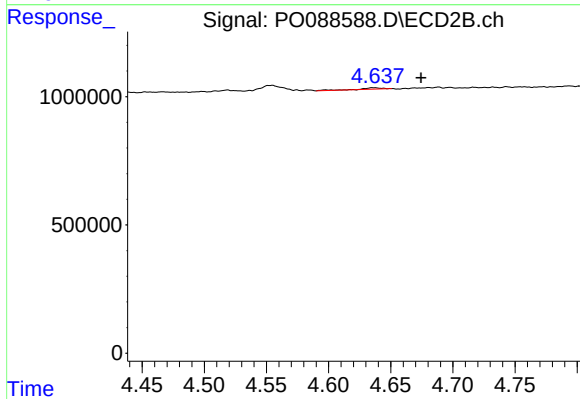
#20 AR-1242-5

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 1726927
Conc: 54.24 ng/ml



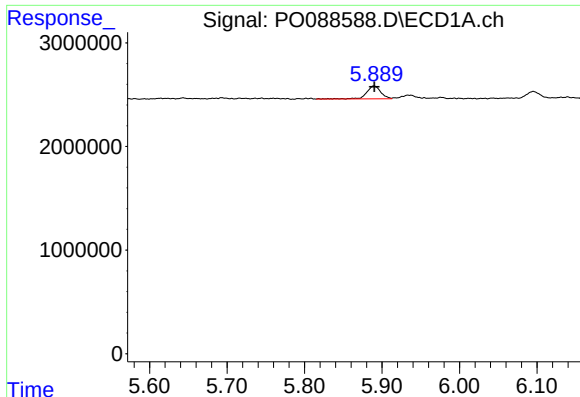
#21 AR-1248-1

R.T.: 5.546 min
Delta R.T.: -0.068 min
Response: 444637
Conc: 8.62 ng/ml



#21 AR-1248-1

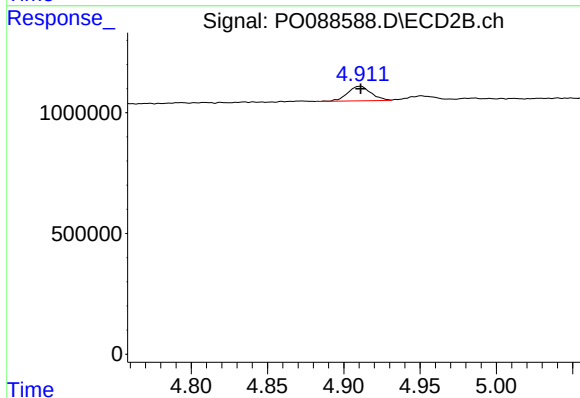
R.T.: 4.636 min
Delta R.T.: -0.038 min
Response: 60257
Conc: 2.57 ng/ml



#22 AR-1248-2

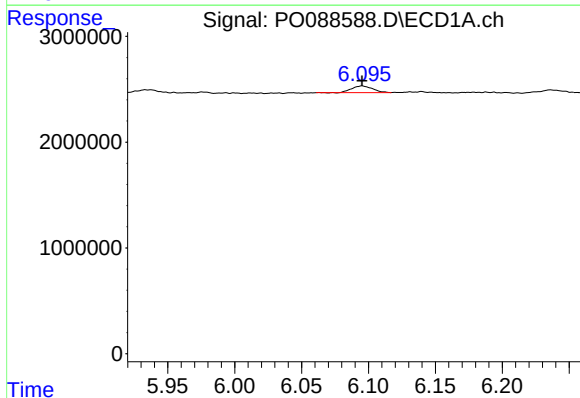
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 1604798
Conc: 20.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



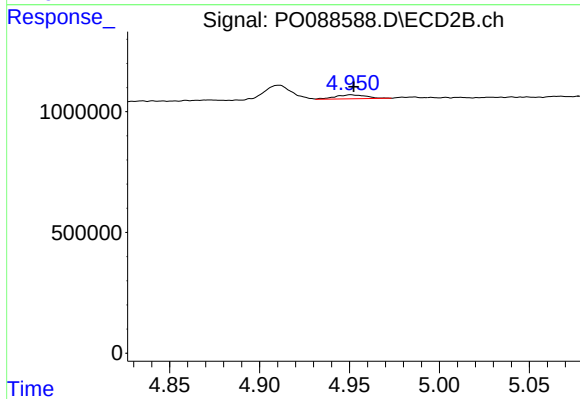
#22 AR-1248-2

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 643377
Conc: 17.93 ng/ml



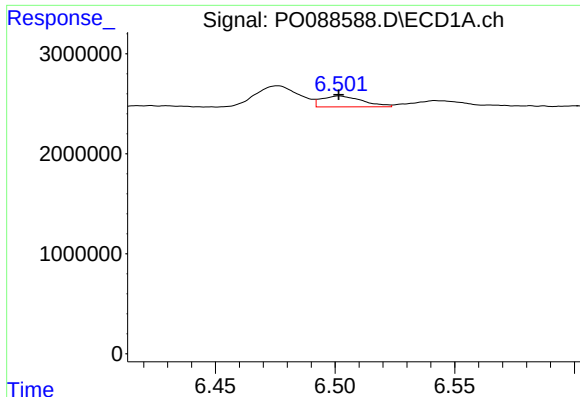
#23 AR-1248-3

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 686780
Conc: 8.31 ng/ml



#23 AR-1248-3

R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 194723
Conc: 5.11 ng/ml



#24 AR-1248-4

R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 1300469
Conc: 14.48 ng/ml

Instrument :
ECD_O
ClientSampleId :

#24 AR-1248-4

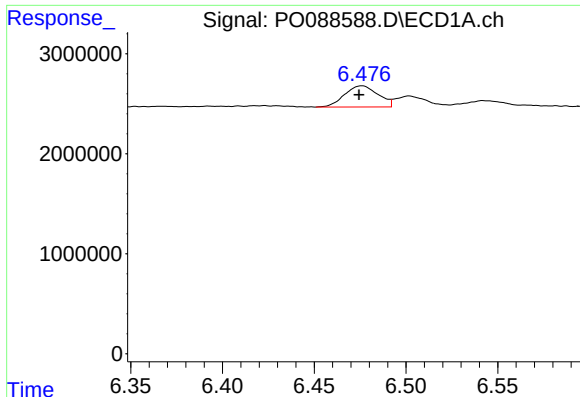
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 510046
Conc: 11.11 ng/ml

#25 AR-1248-5

R.T.: 6.542 min
Delta R.T.: 0.002 min
Response: 1063102
Conc: 11.99 ng/ml

#25 AR-1248-5

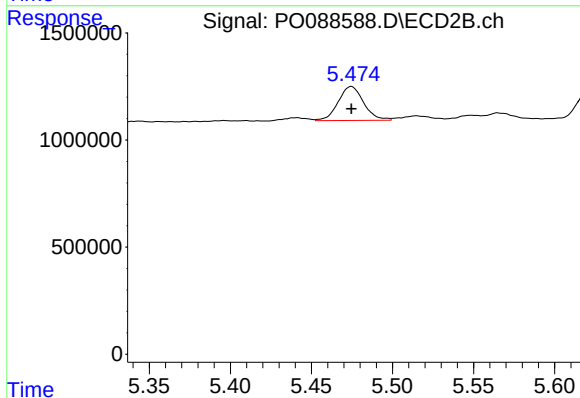
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 252673
Conc: 5.79 ng/ml



#26 AR-1254-1

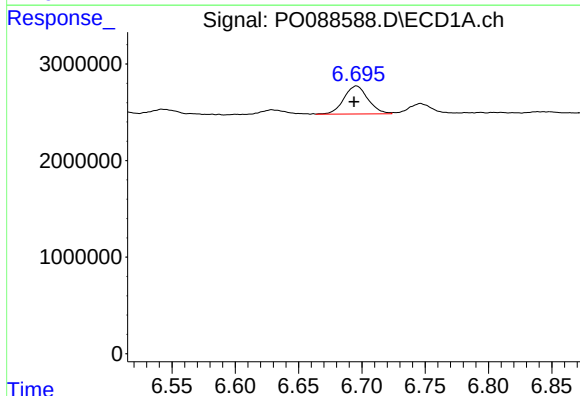
R.T.: 6.476 min
Delta R.T.: 0.002 min
Response: 2691053
Conc: 29.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



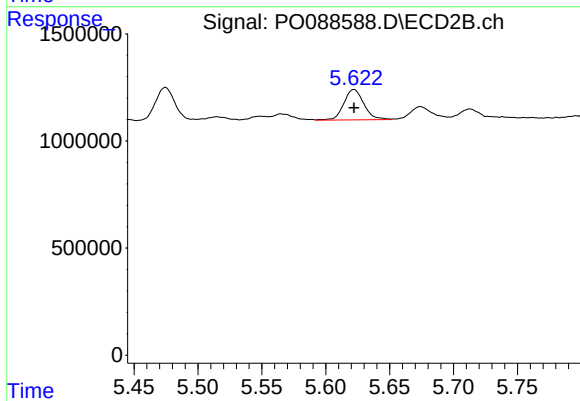
#26 AR-1254-1

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 1726927
Conc: 25.07 ng/ml



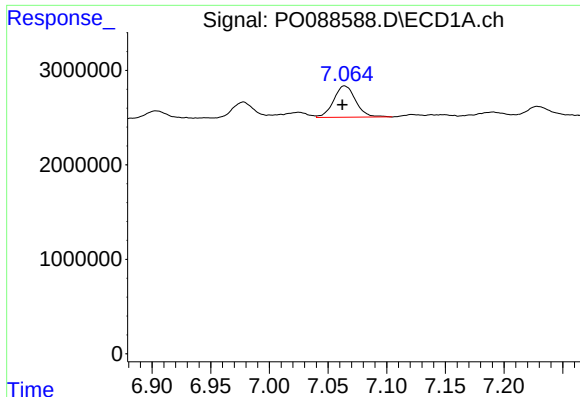
#27 AR-1254-2

R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 3849023
Conc: 28.15 ng/ml



#27 AR-1254-2

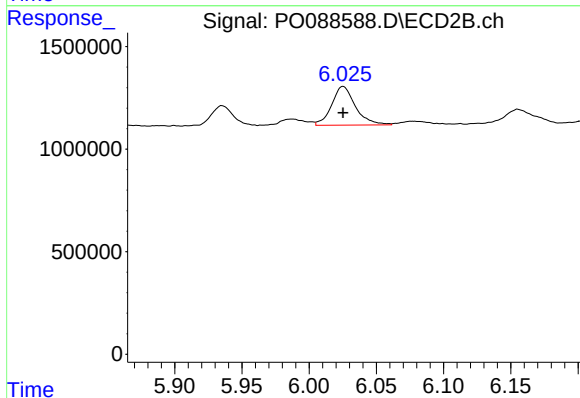
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 1555811
Conc: 26.27 ng/ml



#28 AR-1254-3

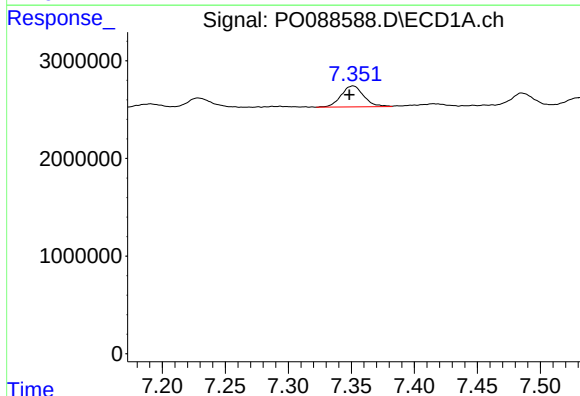
R.T.: 7.064 min
Delta R.T.: 0.002 min
Response: 4335758
Conc: 30.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



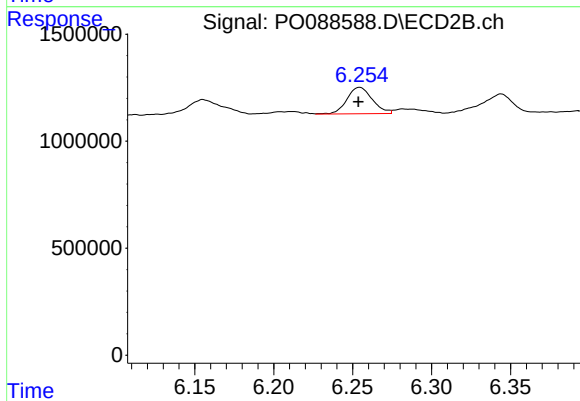
#28 AR-1254-3

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 2303277
Conc: 24.77 ng/ml



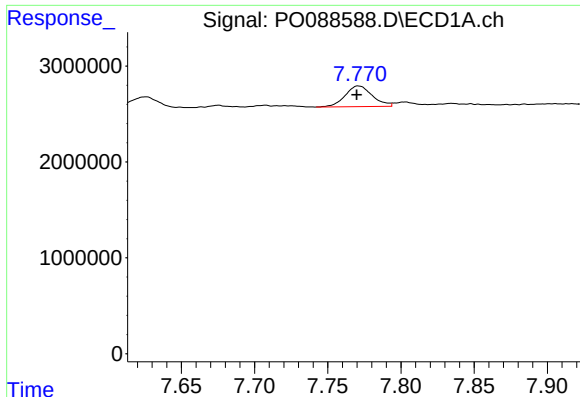
#29 AR-1254-4

R.T.: 7.351 min
Delta R.T.: 0.003 min
Response: 2698596
Conc: 26.71 ng/ml



#29 AR-1254-4

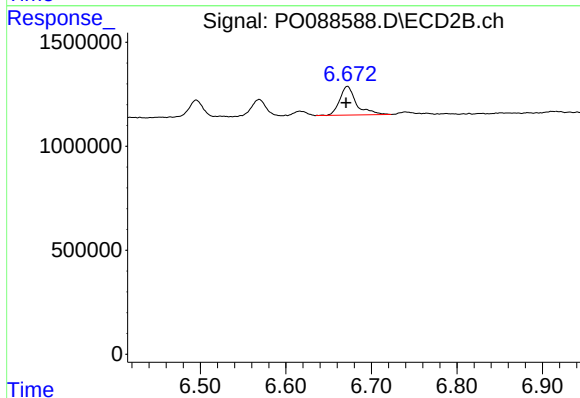
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 1382801
Conc: 24.41 ng/ml



#30 AR-1254-5

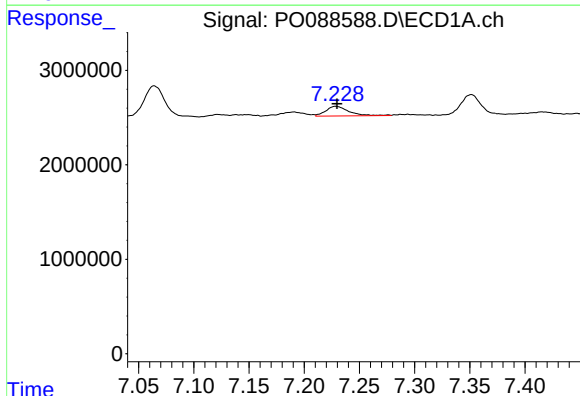
R.T.: 7.771 min
Delta R.T.: 0.001 min
Response: 2782127
Conc: 26.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



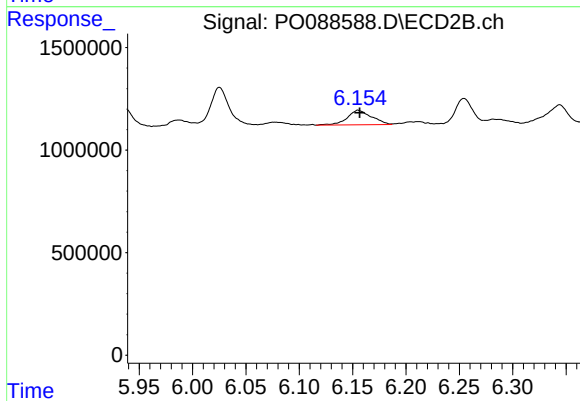
#30 AR-1254-5

R.T.: 6.672 min
Delta R.T.: 0.002 min
Response: 1882203
Conc: 23.06 ng/ml



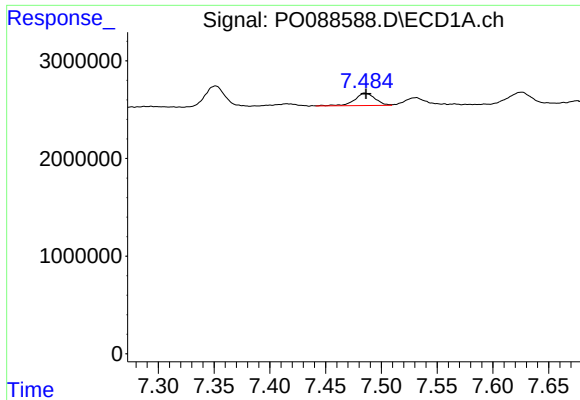
#31 AR-1260-1

R.T.: 7.228 min
Delta R.T.: -0.001 min
Response: 1489289
Conc: 14.41 ng/ml



#31 AR-1260-1

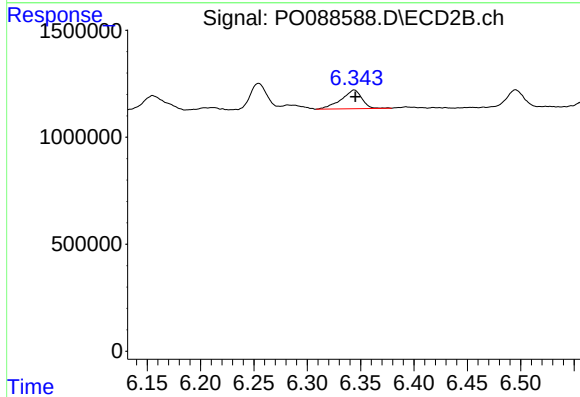
R.T.: 6.155 min
Delta R.T.: -0.001 min
Response: 1124580
Conc: 17.69 ng/ml



#32 AR-1260-2

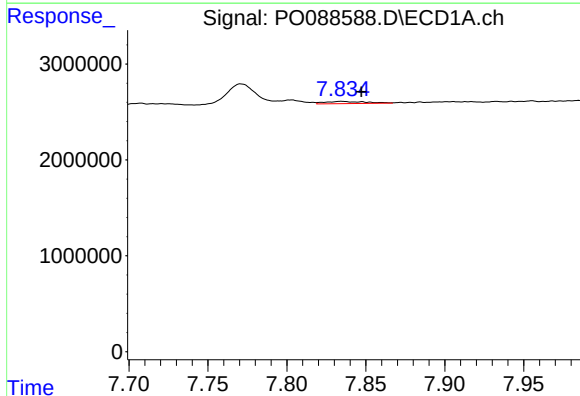
R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 1653117
Conc: 13.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



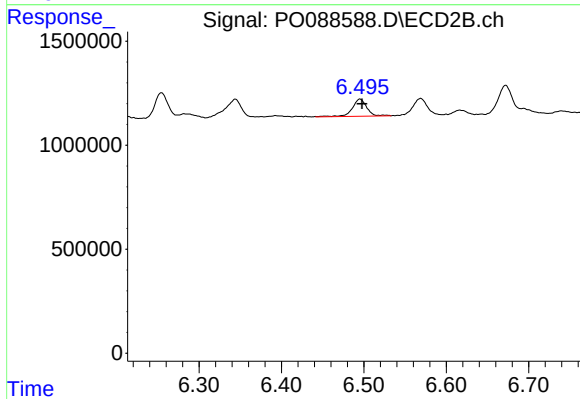
#32 AR-1260-2

R.T.: 6.344 min
Delta R.T.: -0.001 min
Response: 1184184
Conc: 15.45 ng/ml



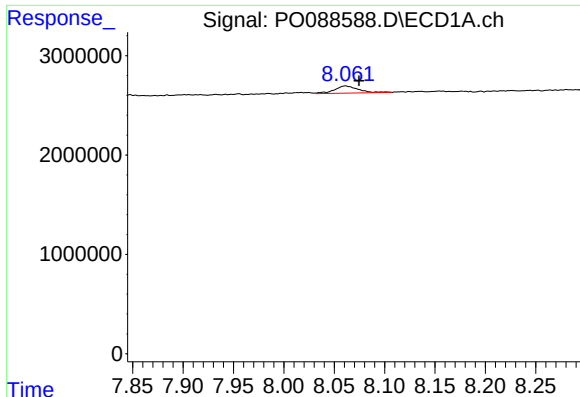
#33 AR-1260-3

R.T.: 7.835 min
Delta R.T.: -0.013 min
Response: 402422
Conc: 4.58 ng/ml



#33 AR-1260-3

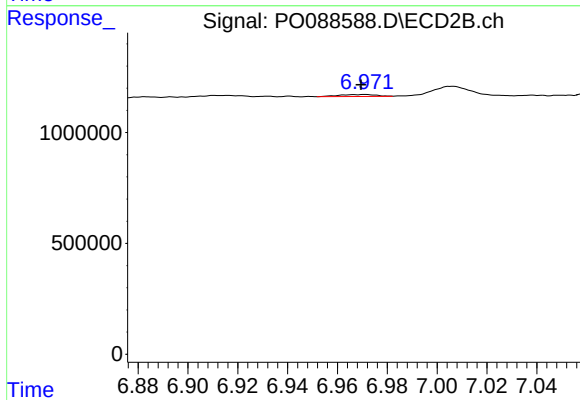
R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 1010116
Conc: 14.06 ng/ml



#34 AR-1260-4

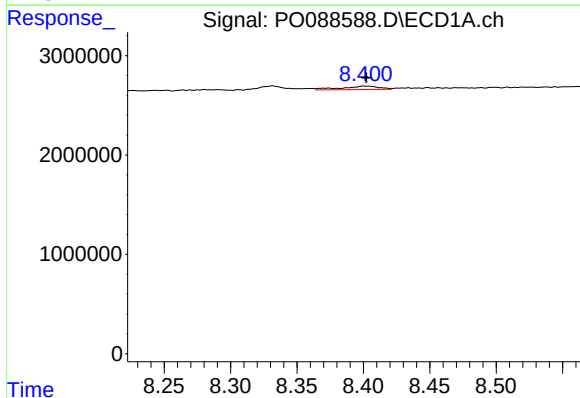
R.T.: 8.061 min
Delta R.T.: -0.014 min
Response: 1172653
Conc: 11.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



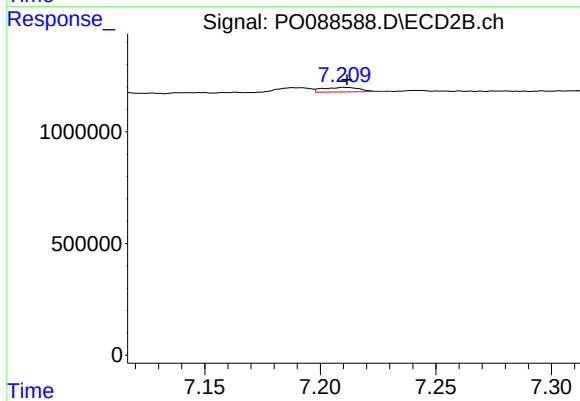
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: 0.002 min
Response: 95469
Conc: 1.56 ng/ml



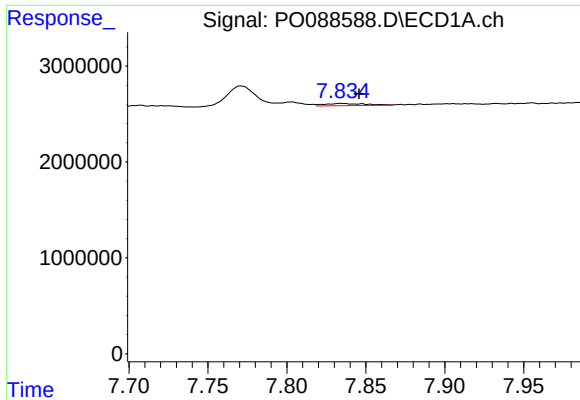
#35 AR-1260-5

R.T.: 8.401 min
Delta R.T.: -0.002 min
Response: 667983
Conc: 3.63 ng/ml



#35 AR-1260-5

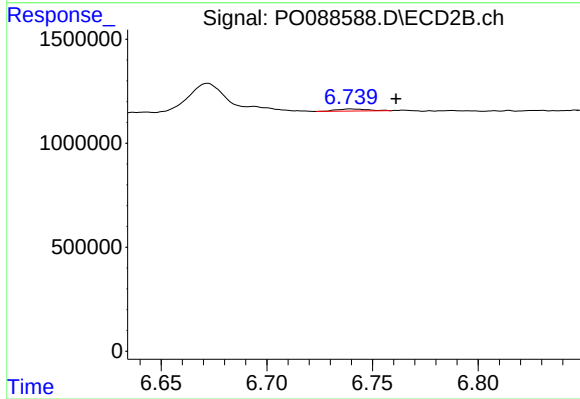
R.T.: 7.211 min
Delta R.T.: 0.000 min
Response: 231060
Conc: 1.64 ng/ml



#36 AR-1262-1

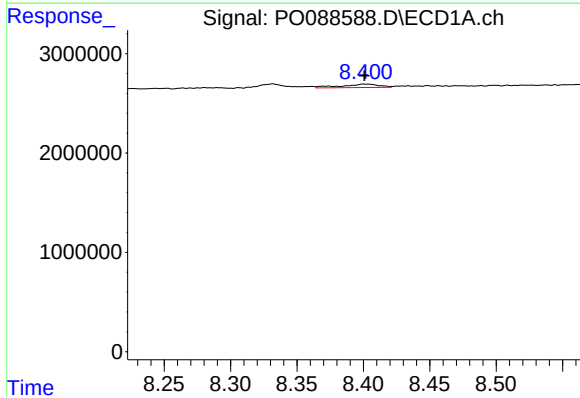
R.T.: 7.835 min
Delta R.T.: -0.011 min
Response: 402422
Conc: 3.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



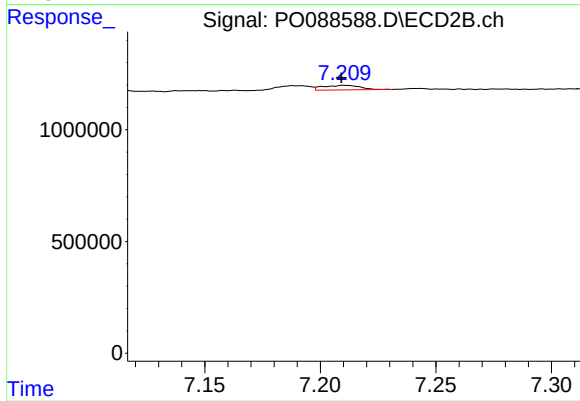
#36 AR-1262-1

R.T.: 6.740 min
Delta R.T.: -0.021 min
Response: 105416
Conc: 3.01 ng/ml



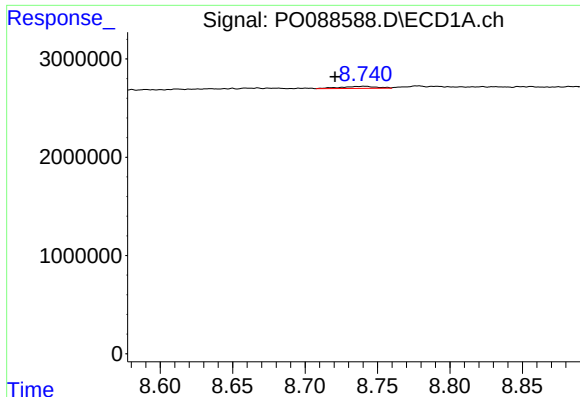
#37 AR-1262-2

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 667983
Conc: 3.18 ng/ml



#37 AR-1262-2

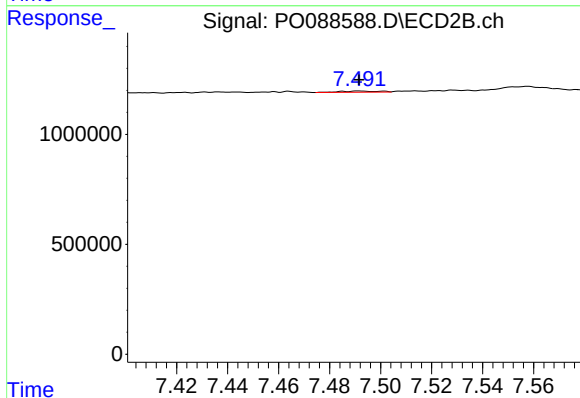
R.T.: 7.211 min
Delta R.T.: 0.002 min
Response: 231060
Conc: 1.51 ng/ml



#38 AR-1262-3

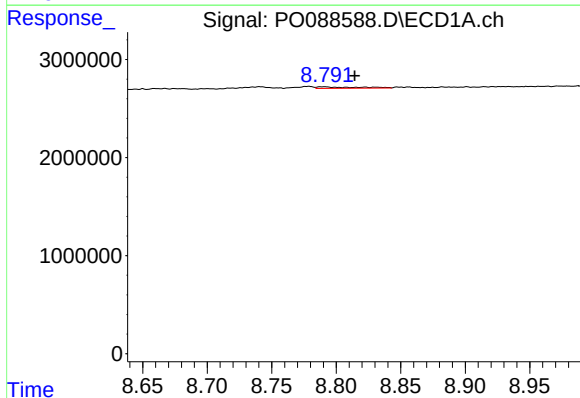
R.T.: 8.741 min
Delta R.T.: 0.020 min
Response: 348401
Conc: 3.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



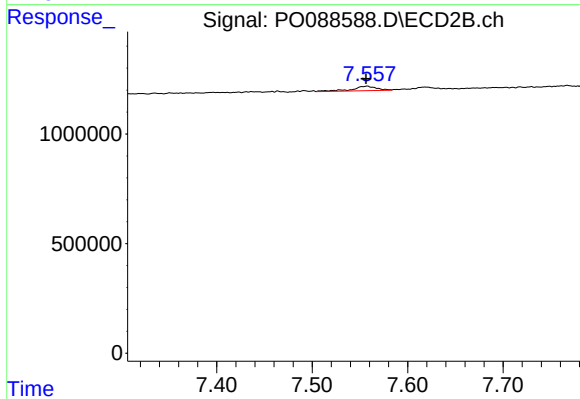
#38 AR-1262-3

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 56885
Conc: 0.92 ng/ml



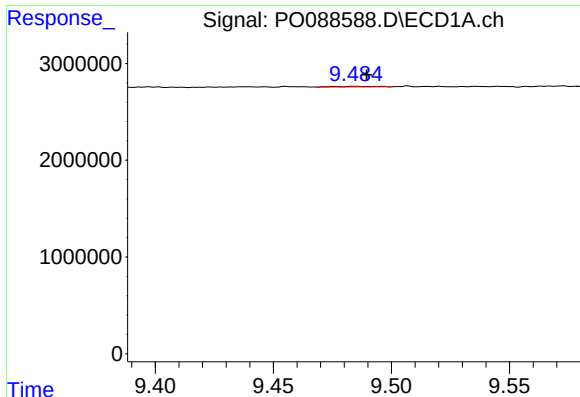
#39 AR-1262-4

R.T.: 8.791 min
Delta R.T.: -0.023 min
Response: 322800
Conc: 4.90 ng/ml



#39 AR-1262-4

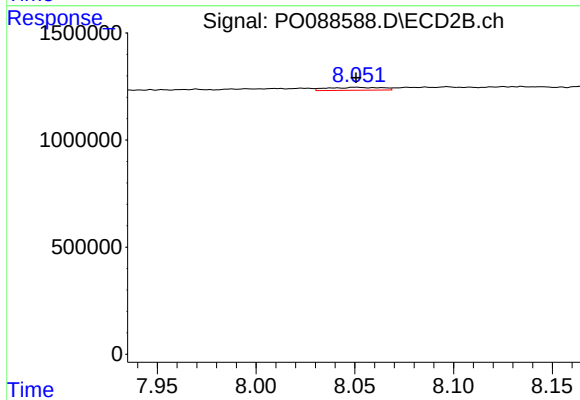
R.T.: 7.558 min
Delta R.T.: 0.001 min
Response: 366622
Conc: 3.22 ng/ml



#40 AR-1262-5

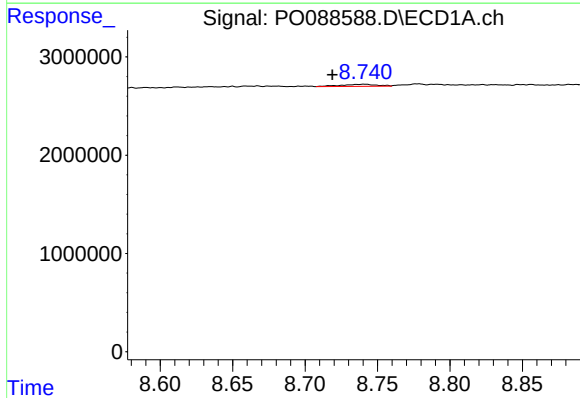
R.T.: 9.484 min
Delta R.T.: -0.005 min
Response: 79991
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



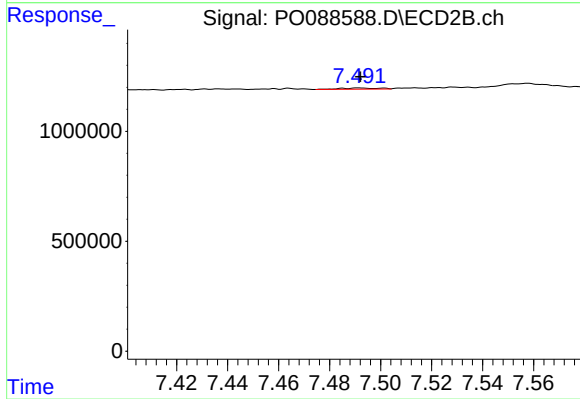
#40 AR-1262-5

R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 268857
Conc: 5.01 ng/ml



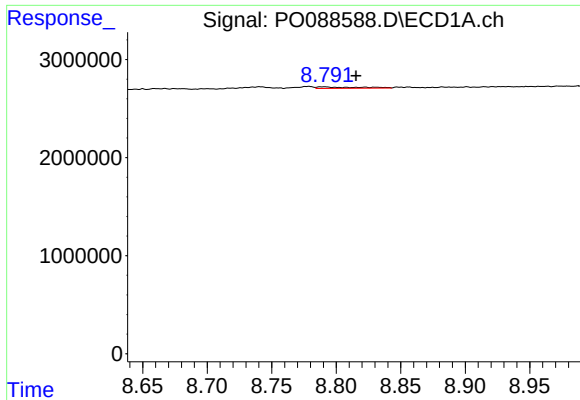
#41 AR-1268-1

R.T.: 8.741 min
Delta R.T.: 0.022 min
Response: 348401
Conc: 1.40 ng/ml



#41 AR-1268-1

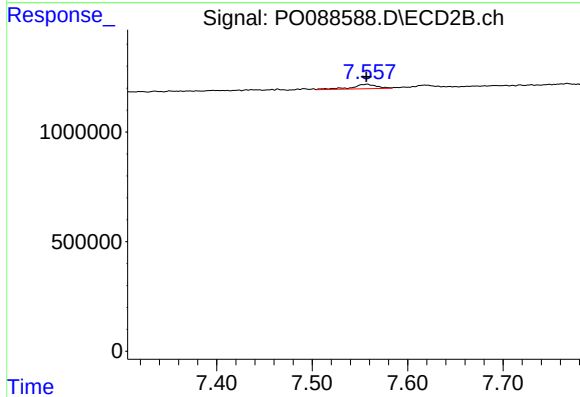
R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 56885
Conc: 0.32 ng/ml



#42 AR-1268-2

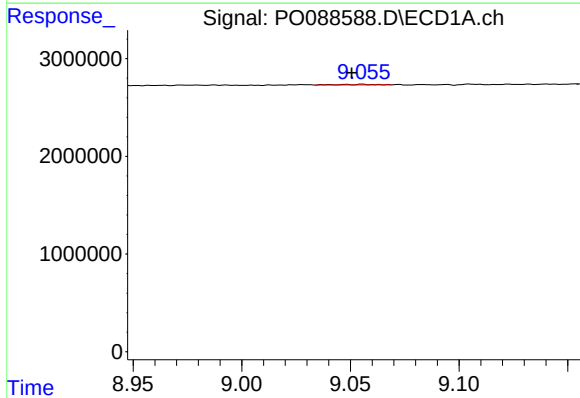
R.T.: 8.791 min
Delta R.T.: -0.024 min
Response: 322800
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



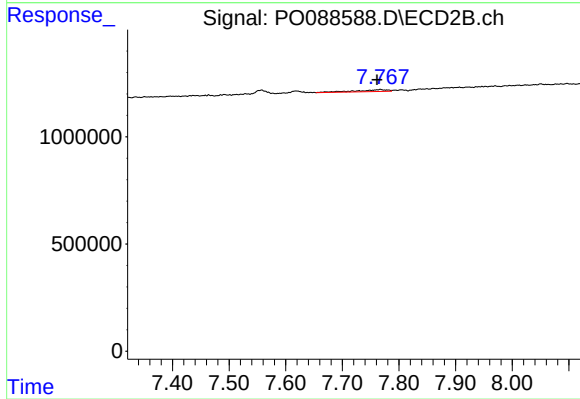
#42 AR-1268-2

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 366622
Conc: 2.28 ng/ml



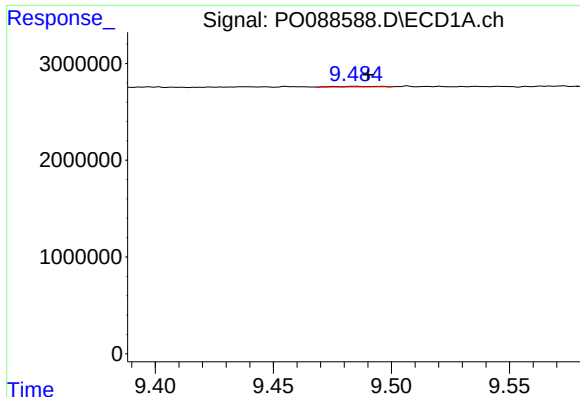
#43 AR-1268-3

R.T.: 9.055 min
Delta R.T.: 0.005 min
Response: 80399
Conc: 0.41 ng/ml



#43 AR-1268-3

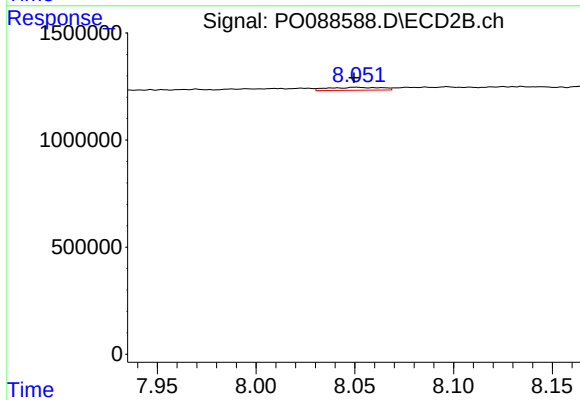
R.T.: 7.767 min
Delta R.T.: 0.006 min
Response: 351493
Conc: 2.55 ng/ml



#44 AR-1268-4

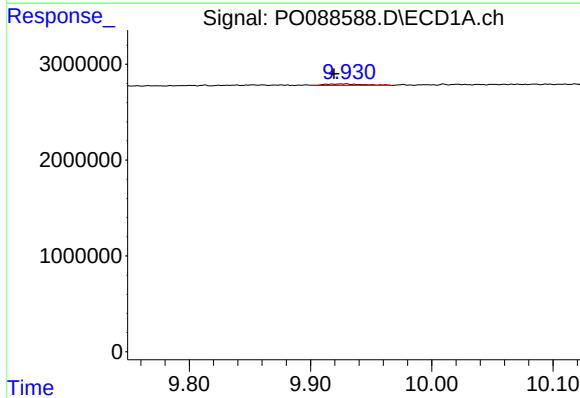
R.T.: 9.484 min
Delta R.T.: -0.006 min
Response: 79991
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



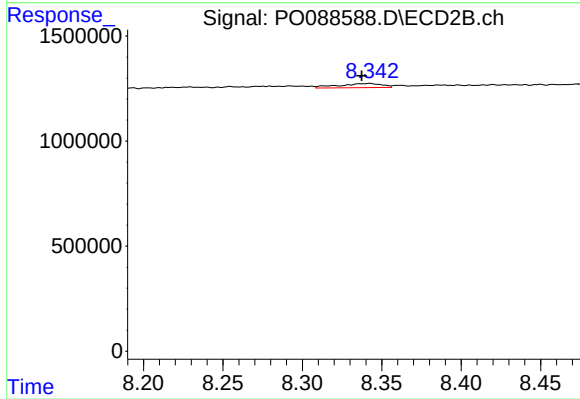
#44 AR-1268-4

R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 268857
Conc: 4.65 ng/ml



#45 AR-1268-5

R.T.: 9.930 min
Delta R.T.: 0.010 min
Response: 364894
Conc: 0.58 ng/ml



#45 AR-1268-5

R.T.: 8.342 min
Delta R.T.: 0.005 min
Response: 374222
Conc: 0.92 ng/ml