

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062922\
 Data File : P0087571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 17:17
 Operator : YP/AJ
 Sample : N3214-07
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 03:36:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 28 02:46:21 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...	4.449	3.609	47940865	19427180	18.522	19.743
2)	SA Decachlor...	10.300	8.613	44463700	14299827	21.767	17.640
Target Compounds							
3)	L1 AR-1016-1	5.558f	0.000	360644	0	4.018	N.D. #
5)	L1 AR-1016-3	0.000	4.925f	0	553097	N.D.	18.787 #
6)	L1 AR-1016-4	0.000	4.925	0	553097	N.D.	23.016 #
7)	L1 AR-1016-5	6.106	5.137	685712	480238	11.442	15.700 #
8)	L2 AR-1221-1	4.660	3.892f	5658948	2105097	183.967	179.252
9)	L2 AR-1221-2	4.757	3.892	647444	2105097	28.563	236.773 #
10)	L2 AR-1221-3	4.889f	0.000	245184	0	3.506	N.D. #
11)	L3 AR-1232-1	4.889f	0.000	245184	0	3.746	N.D. #
12)	L3 AR-1232-2	5.106f	0.000	202065	0	6.258	N.D. #
13)	L3 AR-1232-3	0.000	4.925f	0	553097	N.D.	44.536 #
14)	L3 AR-1232-4	0.000	4.964	0	148943	N.D.	13.136 #
15)	L3 AR-1232-5	5.902	5.137	1607055	480238	65.171	38.270 #
16)	L4 AR-1242-1	5.558f	0.000	360644	0	4.973	N.D. #
18)	L4 AR-1242-3	0.000	4.925f	0	553097	N.D.	26.535 #
19)	L4 AR-1242-4	0.000	4.964	0	148943	N.D.	7.050 #
20)	L4 AR-1242-5	6.554	5.490	1470104	1557366	27.689	59.578 #
21)	L5 AR-1248-1	5.558f	0.000	360644	0	6.282	N.D. #
22)	L5 AR-1248-2	5.902	4.925	1607055	553097	19.276	17.598
23)	L5 AR-1248-3	6.106	4.964	685712	148943	7.654	4.589 #
24)	L5 AR-1248-4	6.513	5.137	1496001	480238	15.209	12.448
25)	L5 AR-1248-5	6.554	5.532	1470104	245193	15.294	6.727 #
26)	L6 AR-1254-1	6.487	5.490	2982800	1557366	29.757	28.173
27)	L6 AR-1254-2	6.707	5.638	4258604	1304686	27.906	26.669
28)	L6 AR-1254-3	7.075	6.041	4551422	2027990	29.882	26.725
29)	L6 AR-1254-4	7.363	6.270	4449054	1085749	40.418	23.916 #
30)	L6 AR-1254-5	7.782	6.687	2891753	1485066	24.092	23.230
31)	L7 AR-1260-1	7.239	6.171	1900651	966036	16.954	17.112
32)	L7 AR-1260-2	7.498	6.361	1820927	1202186	13.362	17.769 #
33)	L7 AR-1260-3	7.860	6.512	259139	717591	2.767	11.360 #
34)	L7 AR-1260-4	8.075	7.022	1355004	365529	12.953	7.860 #
35)	L7 AR-1260-5	8.412	7.225	635688	187628	3.223	1.741 #
36)	L8 AR-1262-1	7.860	0.000	259139	0	1.811	N.D. #
37)	L8 AR-1262-2	8.412	7.225	635688	187628	2.529	1.768 #
38)	L8 AR-1262-3	8.755	7.572f	303208	252799	1.676	6.163 #
39)	L8 AR-1262-4	8.833	7.572	29693	252799	0.344	3.379 #
40)	L8 AR-1262-5	9.509	0.000	783511	0	8.179	N.D. #
41)	L9 AR-1268-1	8.755	7.572f	303208	252799	1.034	2.196 #
42)	L9 AR-1268-2	8.833	7.572	29693	252799	0.110	2.463 #
43)	L9 AR-1268-3	9.069	0.000	433277	0	1.854	N.D. #

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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
44) L9	AR-1268-4	9.509	0.000	783511	0	7.664	N.D. #
45) L9	AR-1268-5	9.942	8.361	740530	481944	0.981	1.924 #

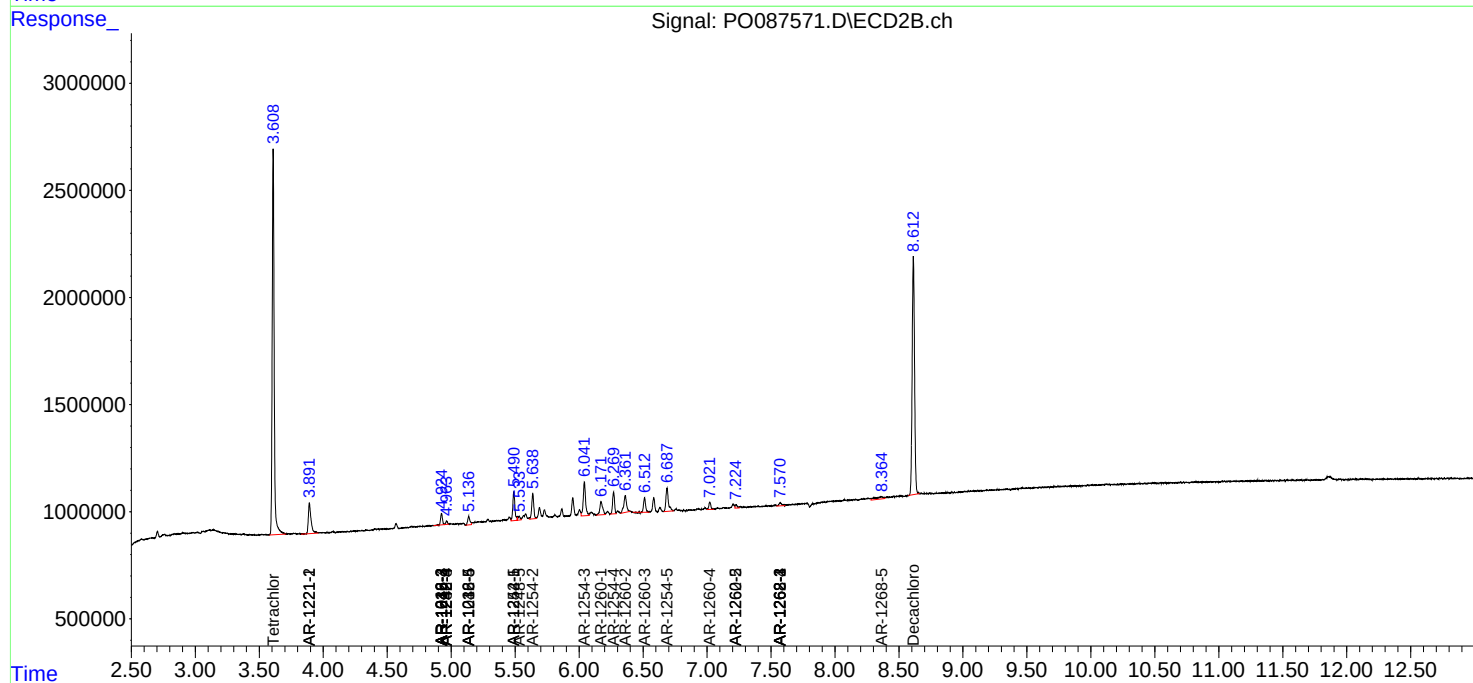
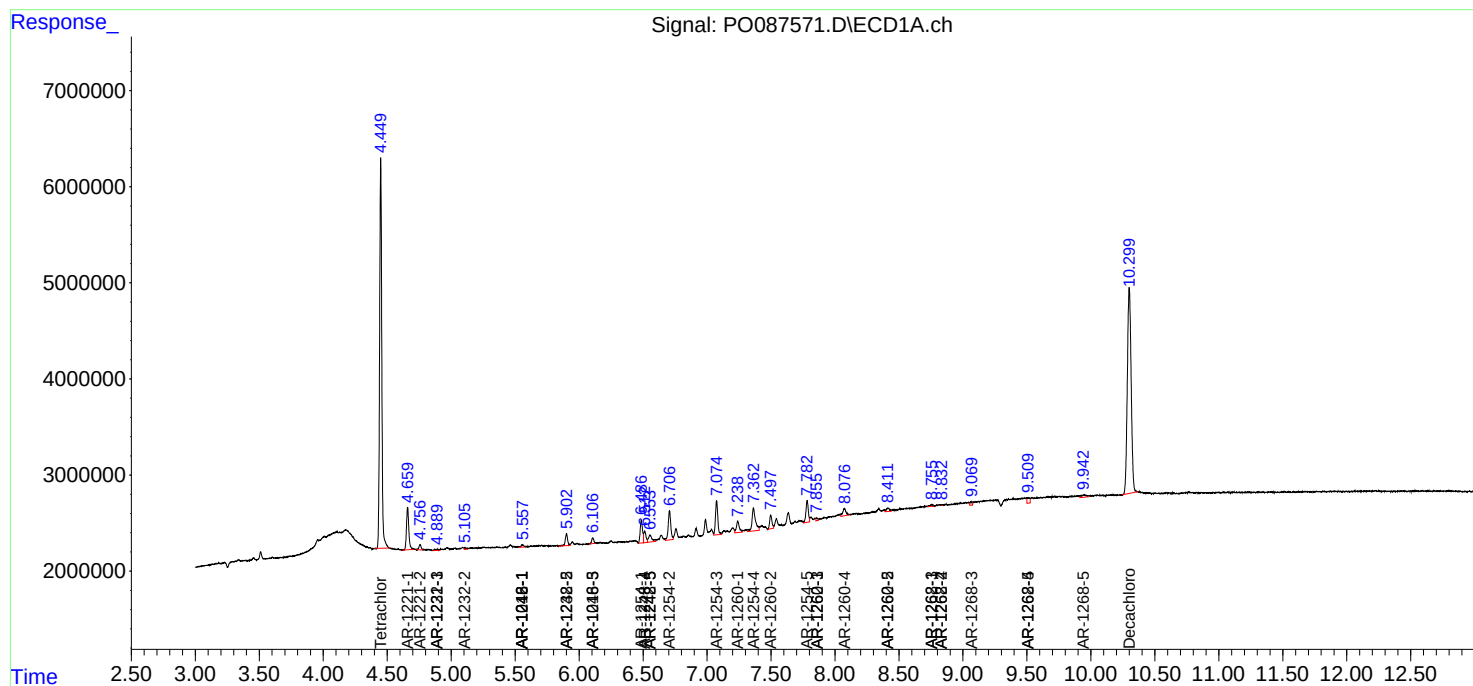
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

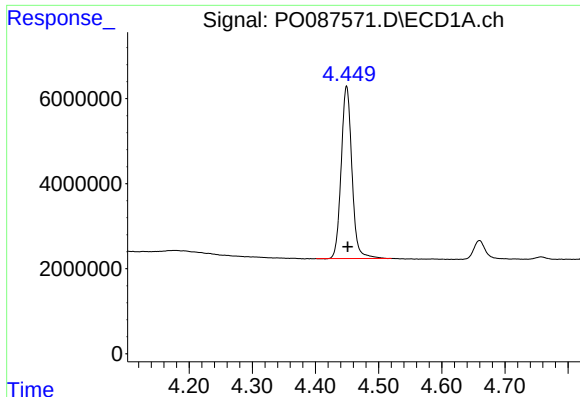
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062922\
Data File : PO087571.D
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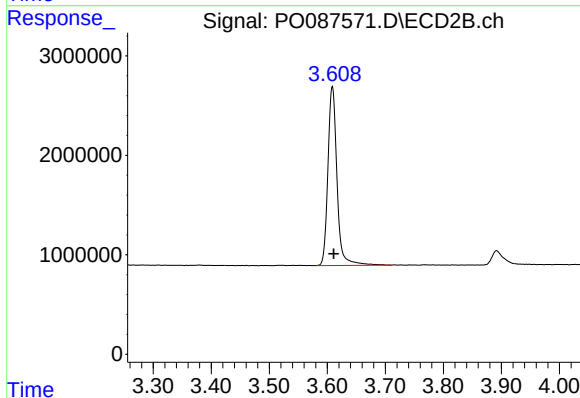




#1 Tetrachloro-m-xylene

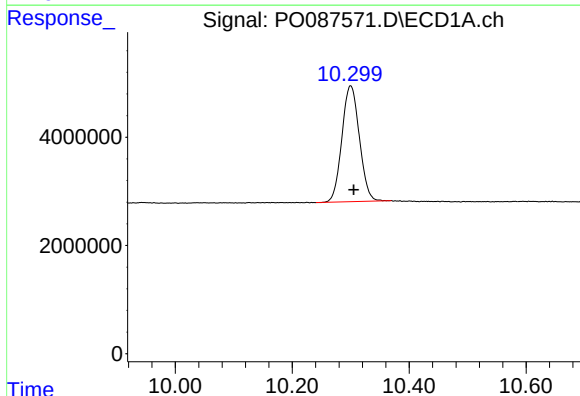
R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 47940865
Conc: 18.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



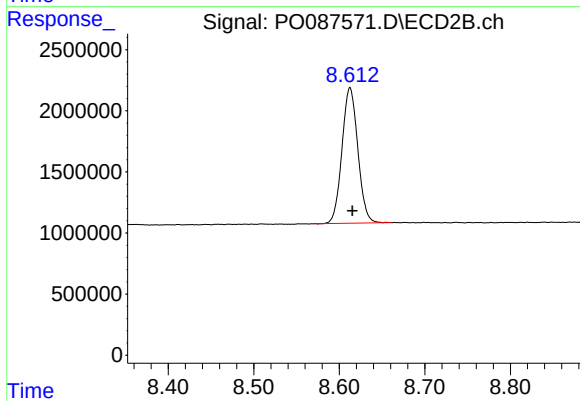
#1 Tetrachloro-m-xylene

R.T.: 3.609 min
Delta R.T.: -0.002 min
Response: 19427180
Conc: 19.74 ng/ml



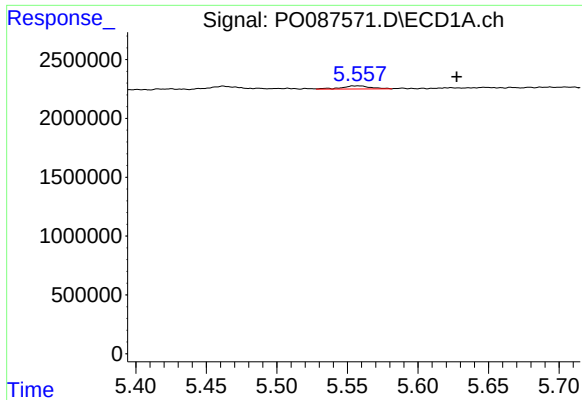
#2 Decachlorobiphenyl

R.T.: 10.300 min
Delta R.T.: -0.006 min
Response: 44463700
Conc: 21.77 ng/ml



#2 Decachlorobiphenyl

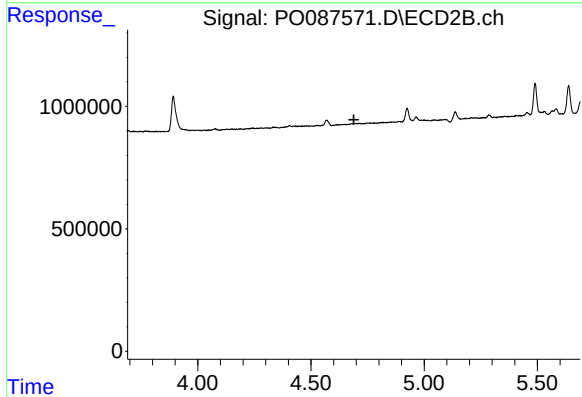
R.T.: 8.613 min
Delta R.T.: -0.003 min
Response: 14299827
Conc: 17.64 ng/ml



#3 AR-1016-1

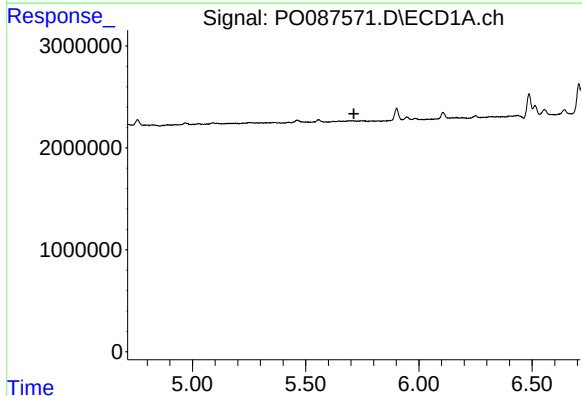
R.T.: 5.558 min
Delta R.T.: -0.069 min
Response: 360644
Conc: 4.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



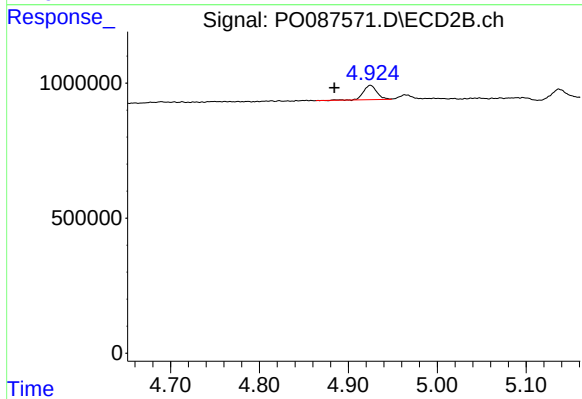
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.690 min
Response: 0
Conc: N.D.



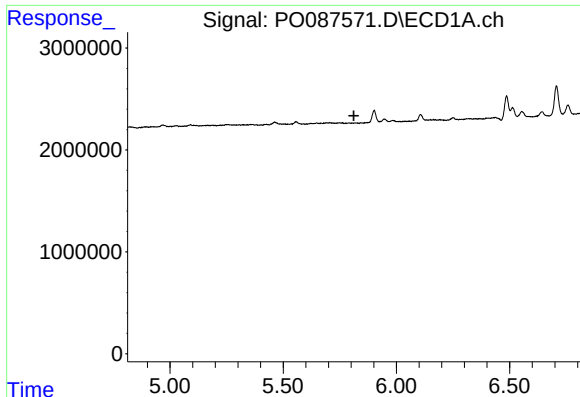
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



#5 AR-1016-3

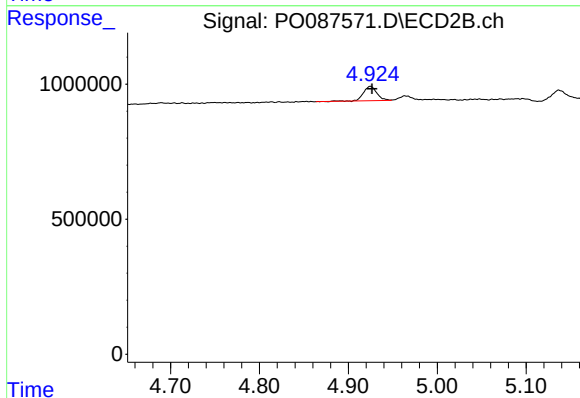
R.T.: 4.925 min
Delta R.T.: 0.040 min
Response: 553097
Conc: 18.79 ng/ml



#6 AR-1016-4

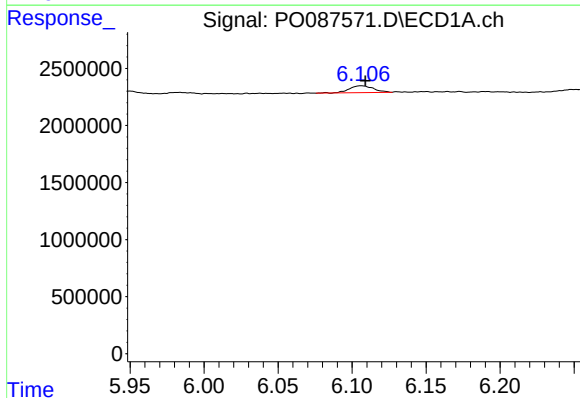
R.T.: 0.000 min
Exp R.T.: 5.812 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



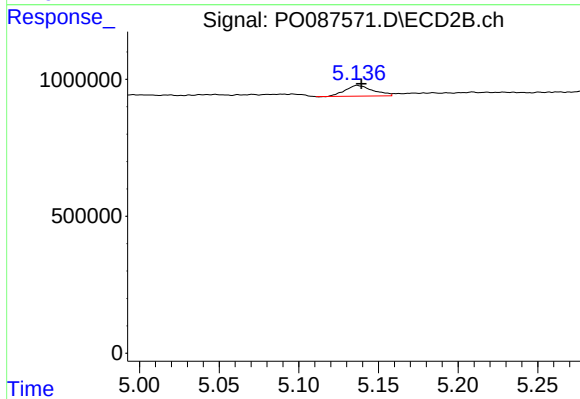
#6 AR-1016-4

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 553097
Conc: 23.02 ng/ml



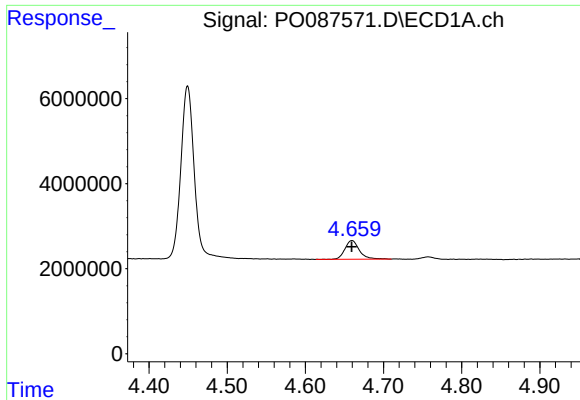
#7 AR-1016-5

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 685712
Conc: 11.44 ng/ml



#7 AR-1016-5

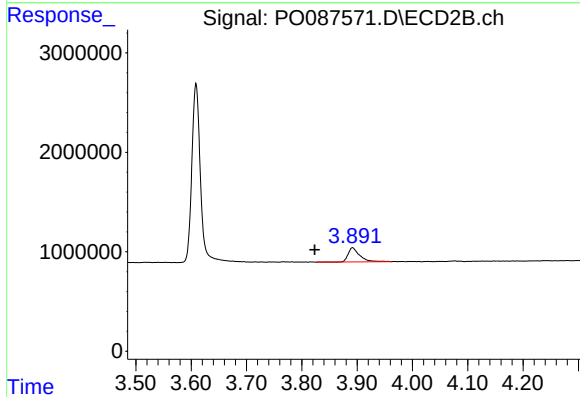
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 480238
Conc: 15.70 ng/ml



#8 AR-1221-1

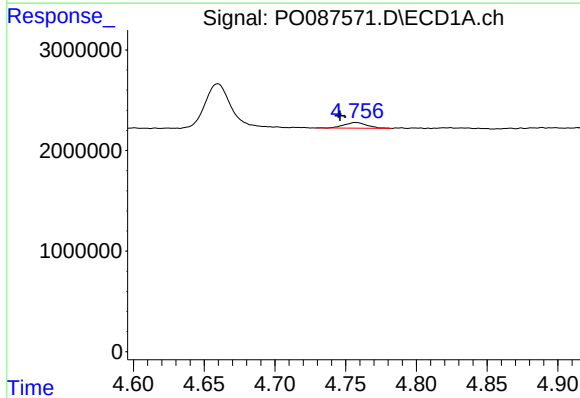
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 5658948
Conc: 183.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



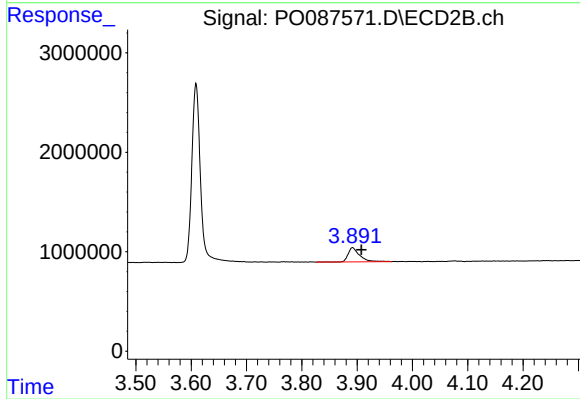
#8 AR-1221-1

R.T.: 3.892 min
Delta R.T.: 0.068 min
Response: 2105097
Conc: 179.25 ng/ml



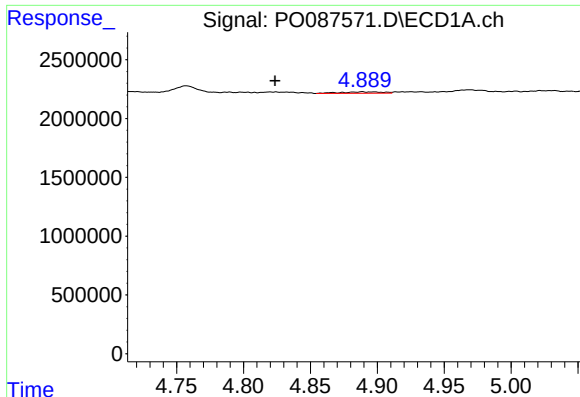
#9 AR-1221-2

R.T.: 4.757 min
Delta R.T.: 0.011 min
Response: 647444
Conc: 28.56 ng/ml



#9 AR-1221-2

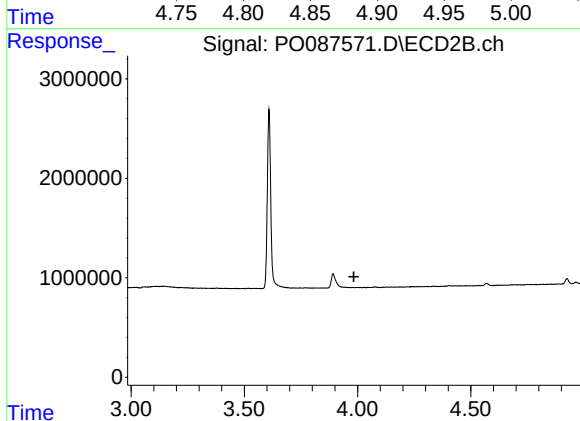
R.T.: 3.892 min
Delta R.T.: -0.016 min
Response: 2105097
Conc: 236.77 ng/ml



#10 AR-1221-3

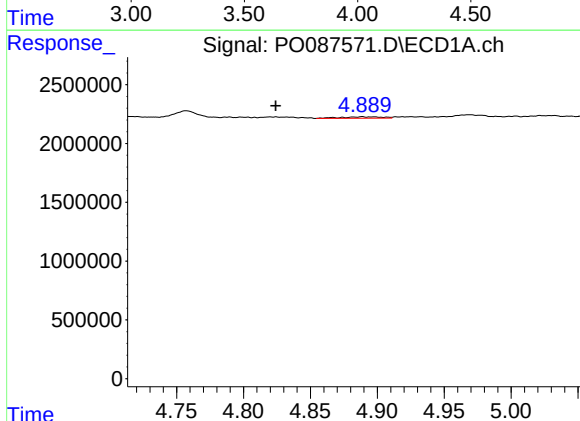
R.T.: 4.889 min
Delta R.T.: 0.065 min
Response: 245184
Conc: 3.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



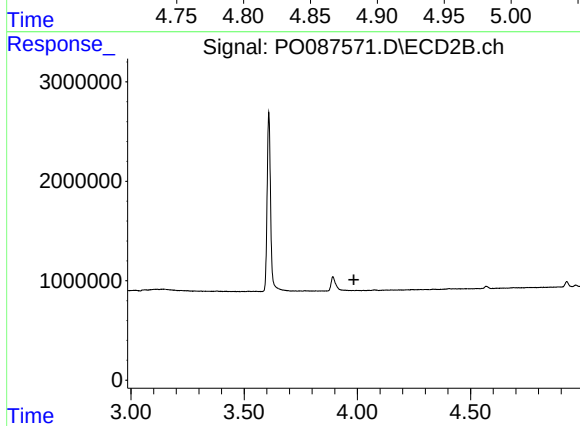
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.984 min
Response: 0
Conc: N.D.



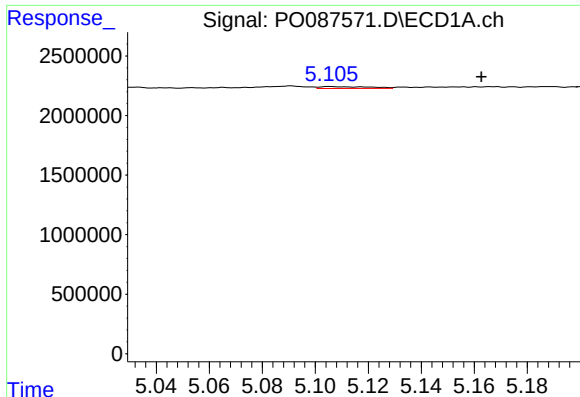
#11 AR-1232-1

R.T.: 4.889 min
Delta R.T.: 0.065 min
Response: 245184
Conc: 3.75 ng/ml



#11 AR-1232-1

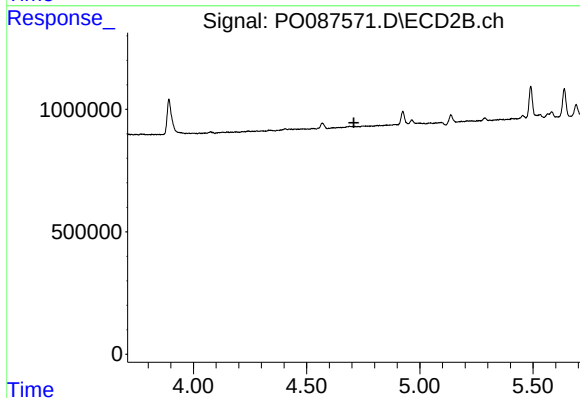
R.T.: 0.000 min
Exp R.T. : 3.984 min
Response: 0
Conc: N.D.



#12 AR-1232-2

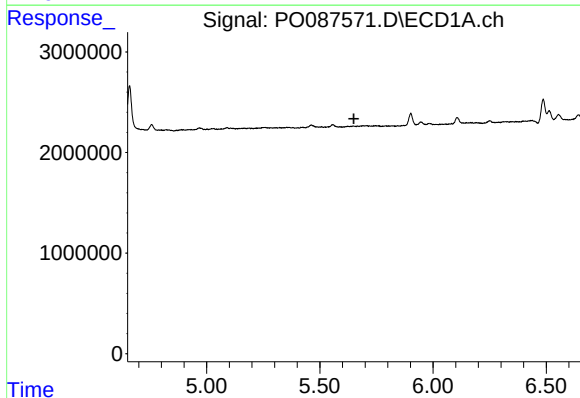
R.T.: 5.106 min
Delta R.T.: -0.057 min
Response: 202065
Conc: 6.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



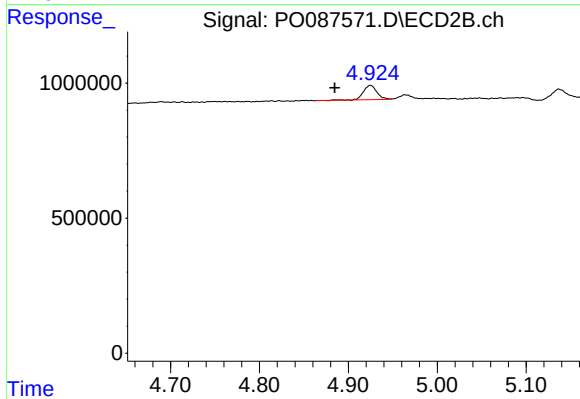
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.709 min
Response: 0
Conc: N.D.



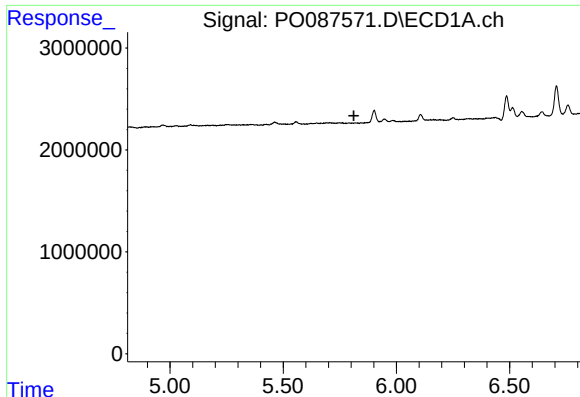
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.650 min
Response: 0
Conc: N.D.



#13 AR-1232-3

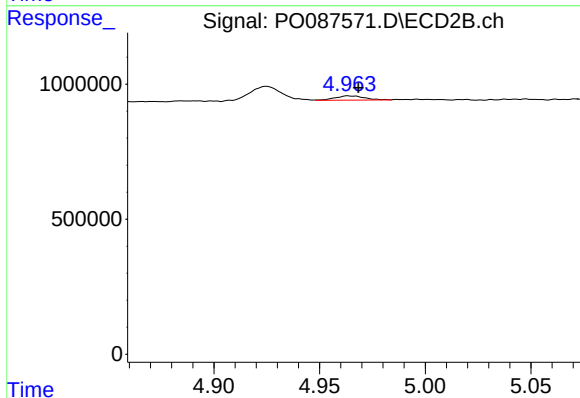
R.T.: 4.925 min
Delta R.T.: 0.040 min
Response: 553097
Conc: 44.54 ng/ml



#14 AR-1232-4

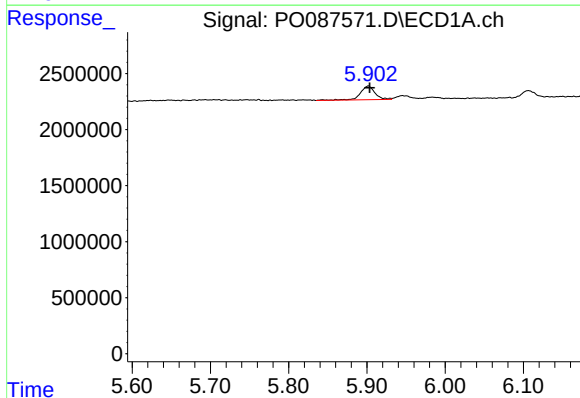
R.T.: 0.000 min
Exp R.T.: 5.812 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



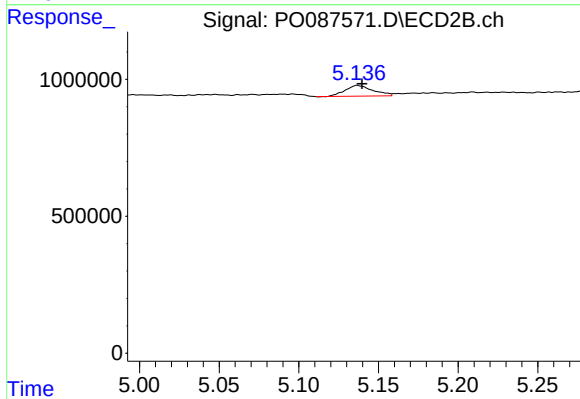
#14 AR-1232-4

R.T.: 4.964 min
Delta R.T.: -0.005 min
Response: 148943
Conc: 13.14 ng/ml



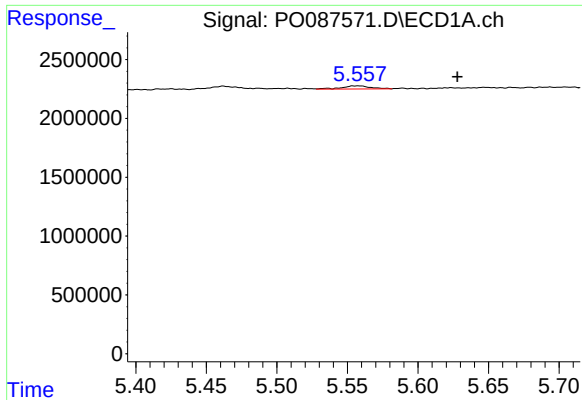
#15 AR-1232-5

R.T.: 5.902 min
Delta R.T.: -0.002 min
Response: 1607055
Conc: 65.17 ng/ml



#15 AR-1232-5

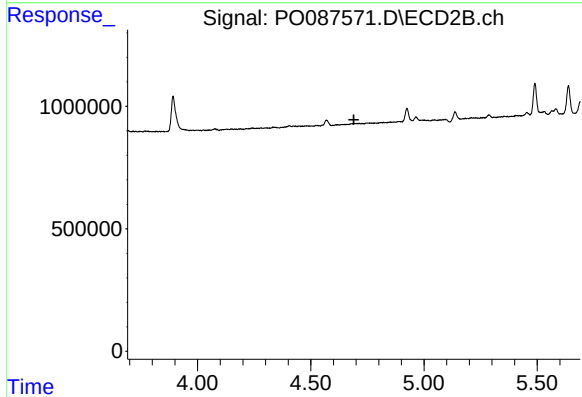
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 480238
Conc: 38.27 ng/ml



#16 AR-1242-1

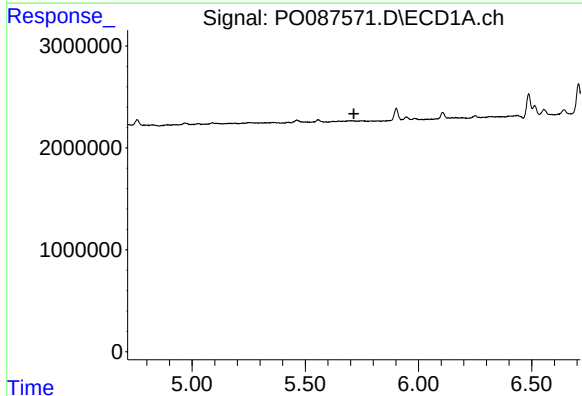
R.T.: 5.558 min
Delta R.T.: -0.070 min
Response: 360644
Conc: 4.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



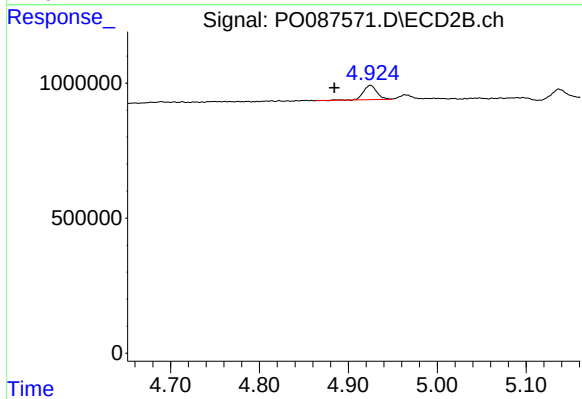
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.691 min
Response: 0
Conc: N.D.



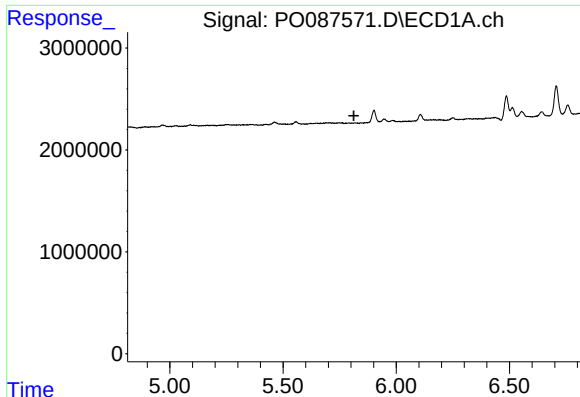
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#18 AR-1242-3

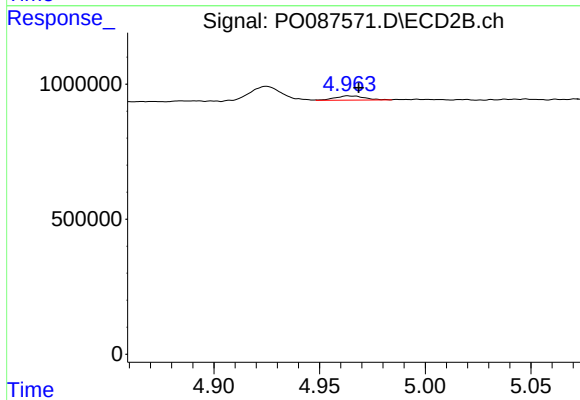
R.T.: 4.925 min
Delta R.T.: 0.040 min
Response: 553097
Conc: 26.54 ng/ml



#19 AR-1242-4

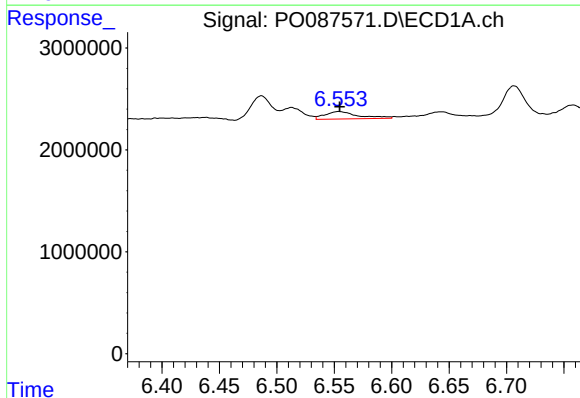
R.T.: 0.000 min
Exp R.T.: 5.813 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



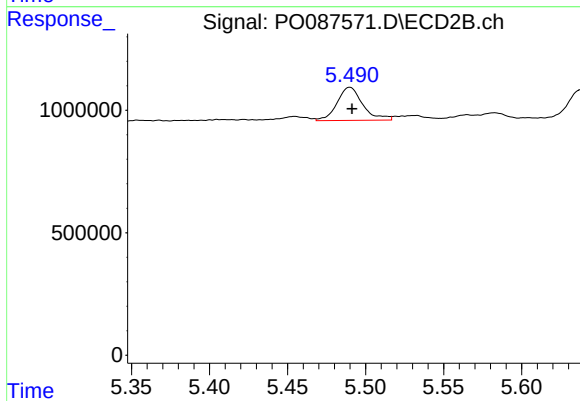
#19 AR-1242-4

R.T.: 4.964 min
Delta R.T.: -0.005 min
Response: 148943
Conc: 7.05 ng/ml



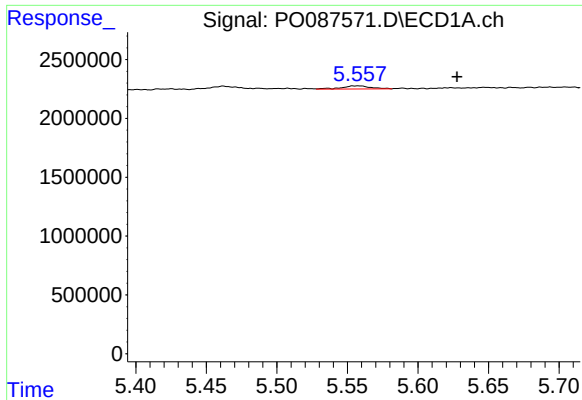
#20 AR-1242-5

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1470104
Conc: 27.69 ng/ml



#20 AR-1242-5

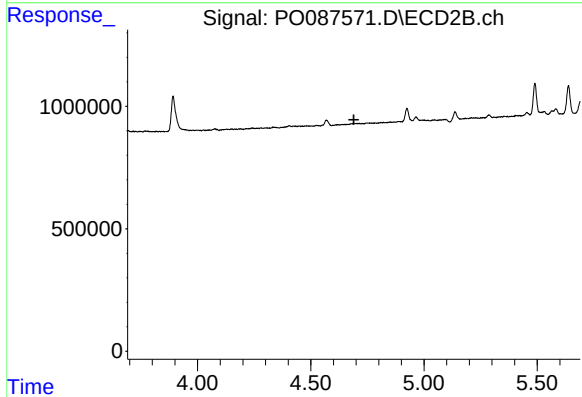
R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 1557366
Conc: 59.58 ng/ml



#21 AR-1248-1

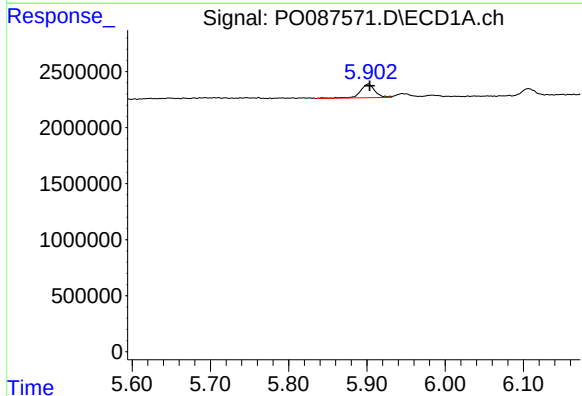
R.T.: 5.558 min
Delta R.T.: -0.070 min
Response: 360644
Conc: 6.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



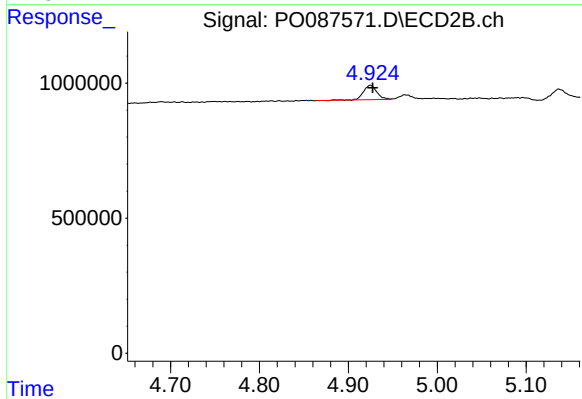
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.691 min
Response: 0
Conc: N.D.



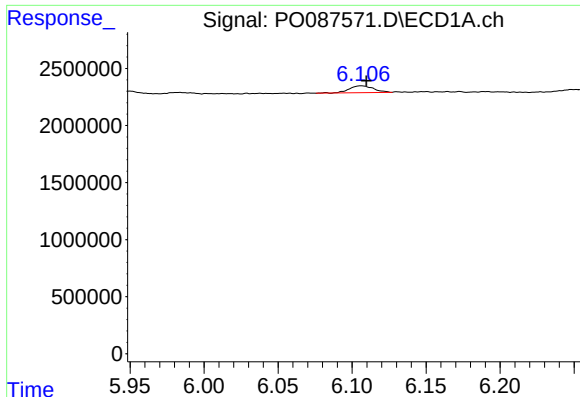
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: -0.002 min
Response: 1607055
Conc: 19.28 ng/ml



#22 AR-1248-2

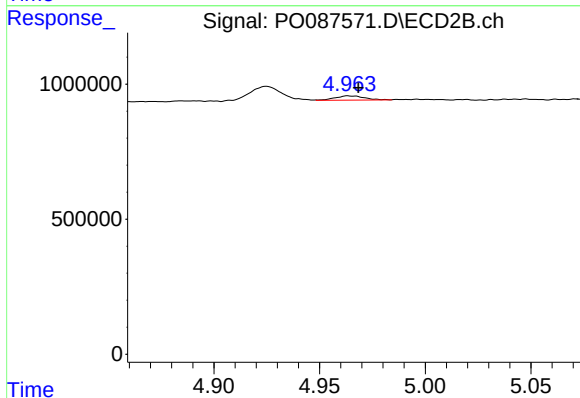
R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 553097
Conc: 17.60 ng/ml



#23 AR-1248-3

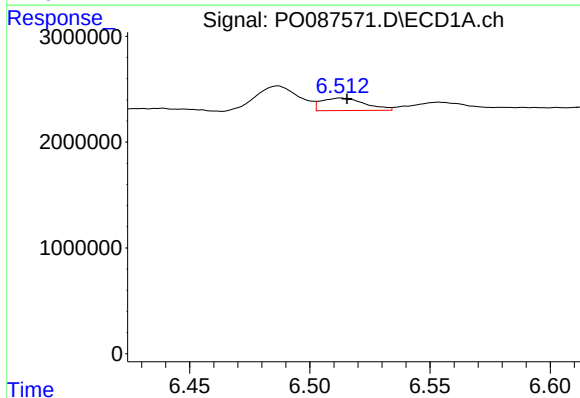
R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 685712
Conc: 7.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



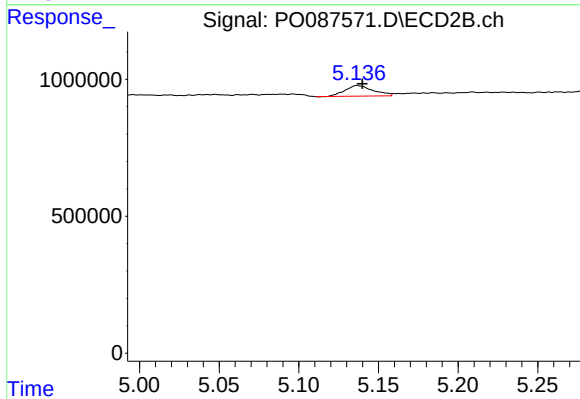
#23 AR-1248-3

R.T.: 4.964 min
Delta R.T.: -0.005 min
Response: 148943
Conc: 4.59 ng/ml



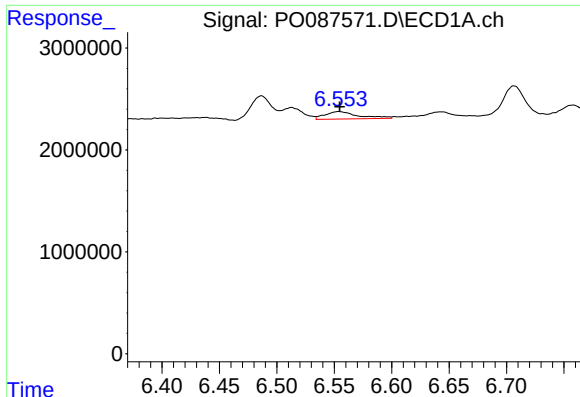
#24 AR-1248-4

R.T.: 6.513 min
Delta R.T.: -0.003 min
Response: 1496001
Conc: 15.21 ng/ml



#24 AR-1248-4

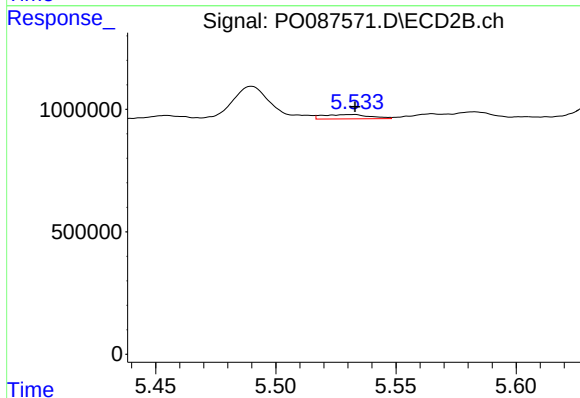
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 480238
Conc: 12.45 ng/ml



#25 AR-1248-5

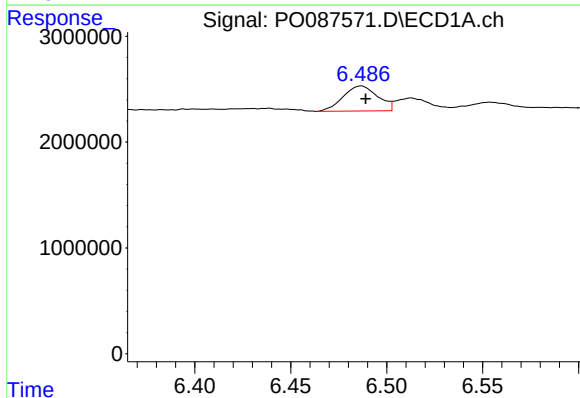
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1470104
Conc: 15.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



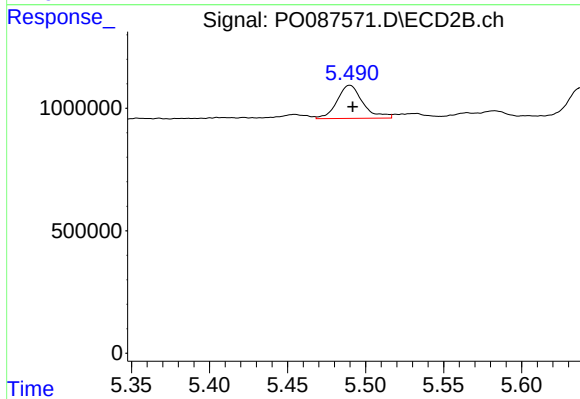
#25 AR-1248-5

R.T.: 5.532 min
Delta R.T.: -0.001 min
Response: 245193
Conc: 6.73 ng/ml



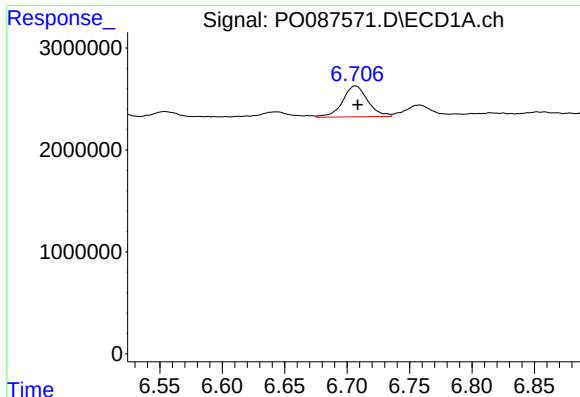
#26 AR-1254-1

R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 2982800
Conc: 29.76 ng/ml



#26 AR-1254-1

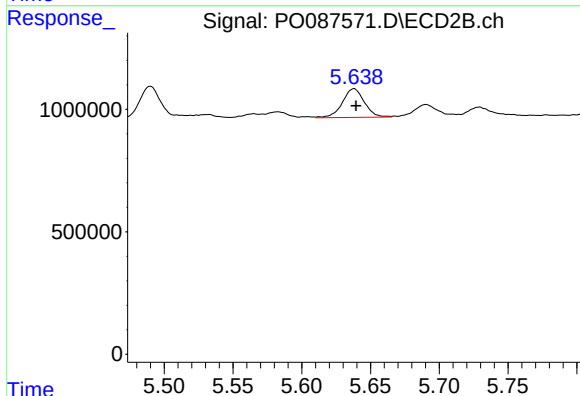
R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 1557366
Conc: 28.17 ng/ml



#27 AR-1254-2

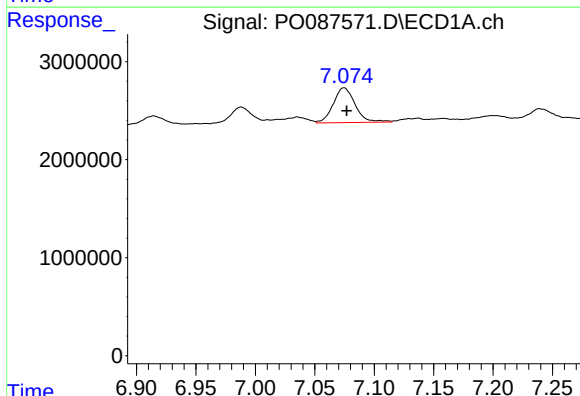
R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 4258604
Conc: 27.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



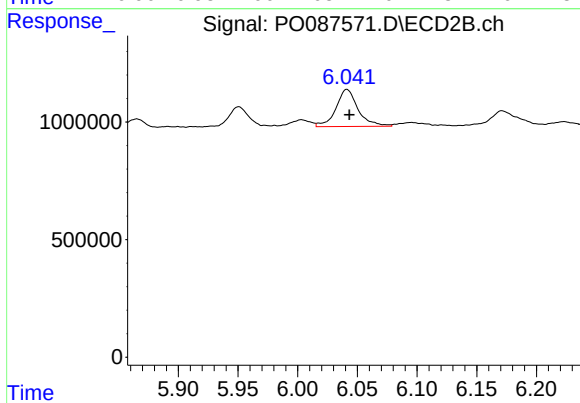
#27 AR-1254-2

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 1304686
Conc: 26.67 ng/ml



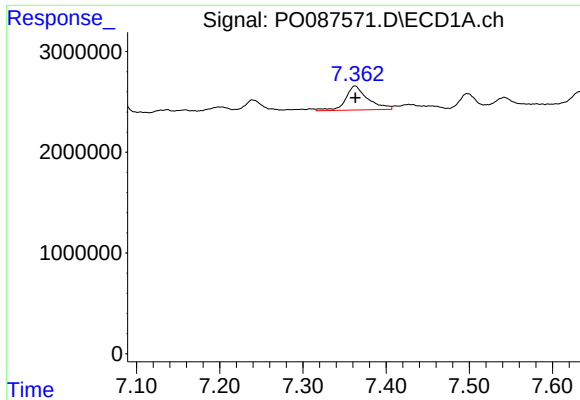
#28 AR-1254-3

R.T.: 7.075 min
Delta R.T.: -0.002 min
Response: 4551422
Conc: 29.88 ng/ml



#28 AR-1254-3

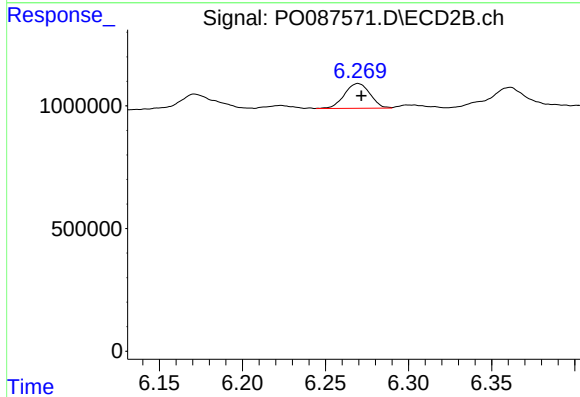
R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 2027990
Conc: 26.73 ng/ml



#29 AR-1254-4

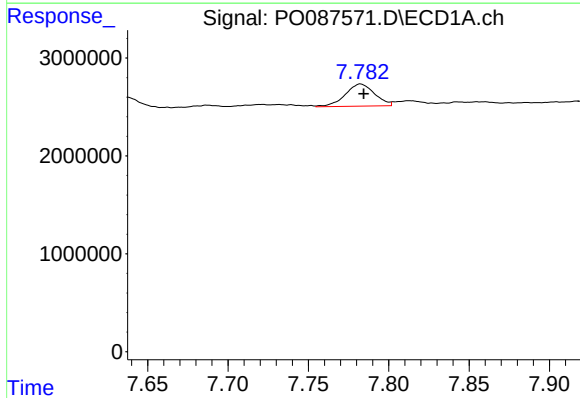
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 4449054
Conc: 40.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



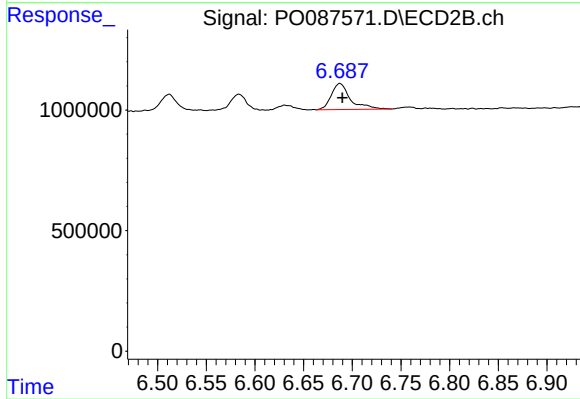
#29 AR-1254-4

R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 1085749
Conc: 23.92 ng/ml



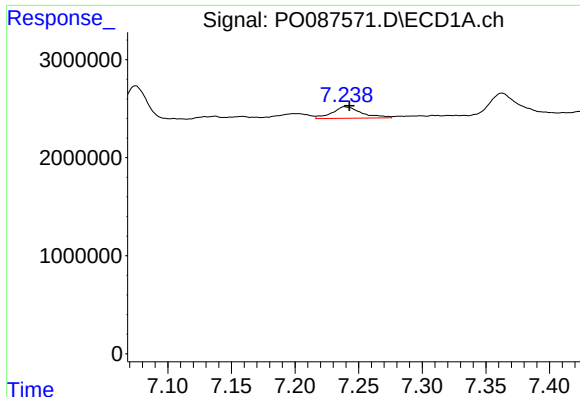
#30 AR-1254-5

R.T.: 7.782 min
Delta R.T.: -0.002 min
Response: 2891753
Conc: 24.09 ng/ml



#30 AR-1254-5

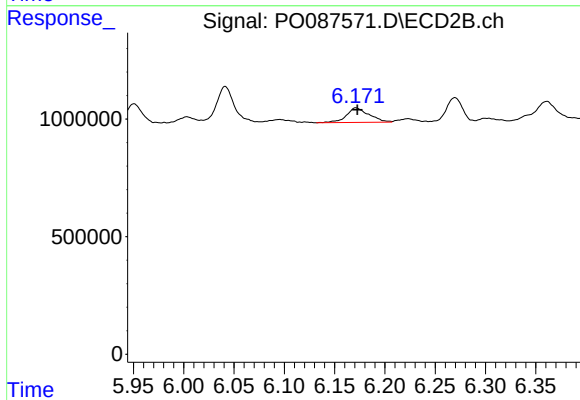
R.T.: 6.687 min
Delta R.T.: -0.003 min
Response: 1485066
Conc: 23.23 ng/ml



#31 AR-1260-1

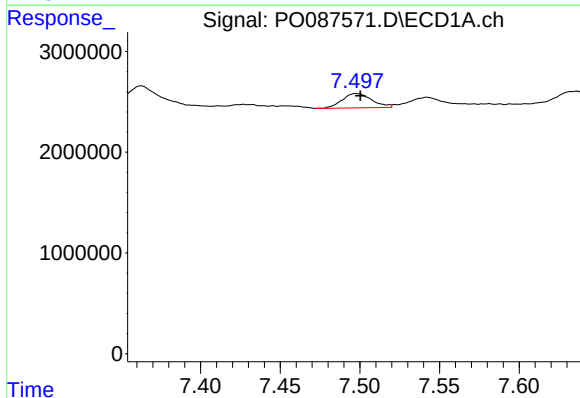
R.T.: 7.239 min
Delta R.T.: -0.004 min
Response: 1900651
Conc: 16.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



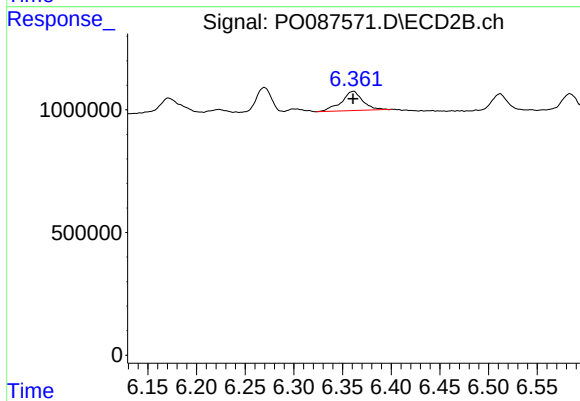
#31 AR-1260-1

R.T.: 6.171 min
Delta R.T.: -0.002 min
Response: 966036
Conc: 17.11 ng/ml



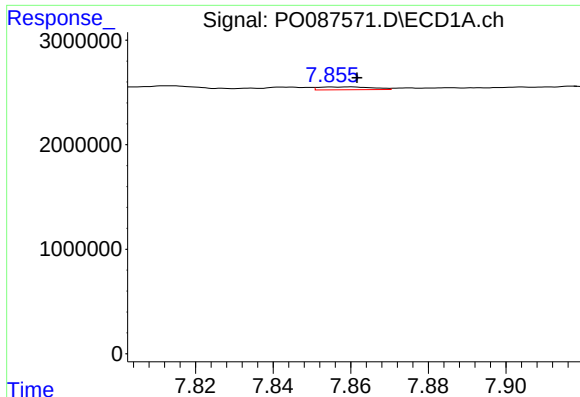
#32 AR-1260-2

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 1820927
Conc: 13.36 ng/ml



#32 AR-1260-2

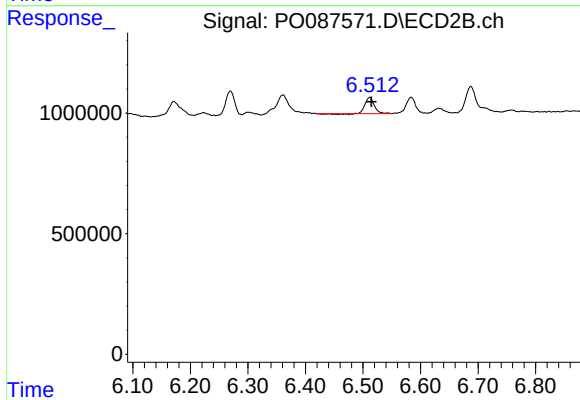
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 1202186
Conc: 17.77 ng/ml



#33 AR-1260-3

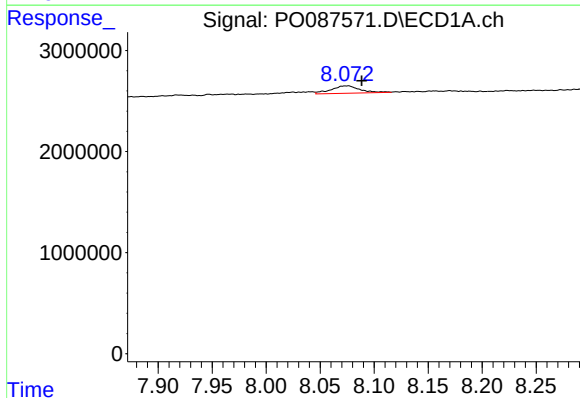
R.T.: 7.860 min
Delta R.T.: -0.002 min
Response: 259139
Conc: 2.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



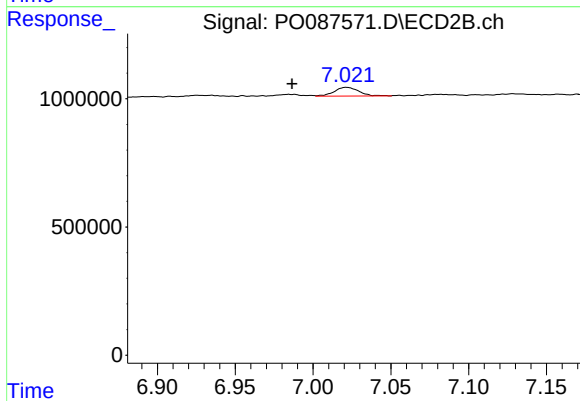
#33 AR-1260-3

R.T.: 6.512 min
Delta R.T.: -0.003 min
Response: 717591
Conc: 11.36 ng/ml



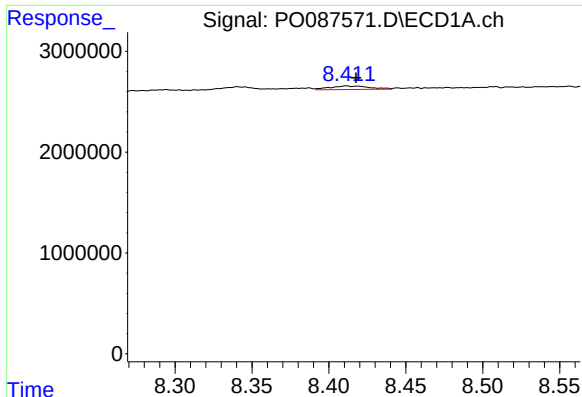
#34 AR-1260-4

R.T.: 8.075 min
Delta R.T.: -0.014 min
Response: 1355004
Conc: 12.95 ng/ml



#34 AR-1260-4

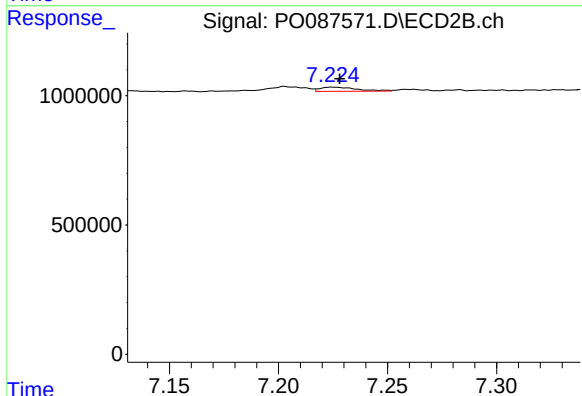
R.T.: 7.022 min
Delta R.T.: 0.035 min
Response: 365529
Conc: 7.86 ng/ml



#35 AR-1260-5

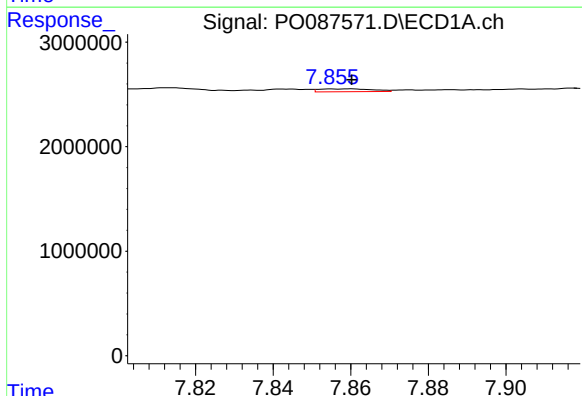
R.T.: 8.412 min
Delta R.T.: -0.006 min
Response: 635688
Conc: 3.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



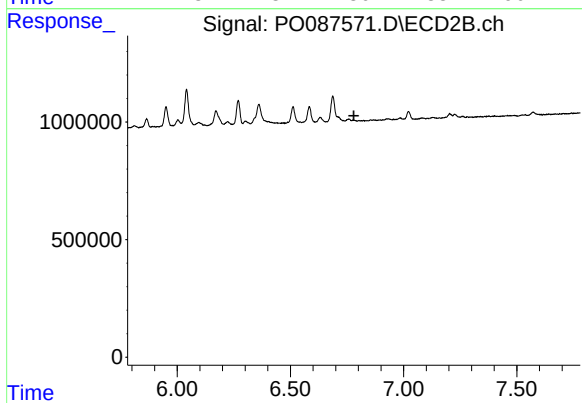
#35 AR-1260-5

R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 187628
Conc: 1.74 ng/ml



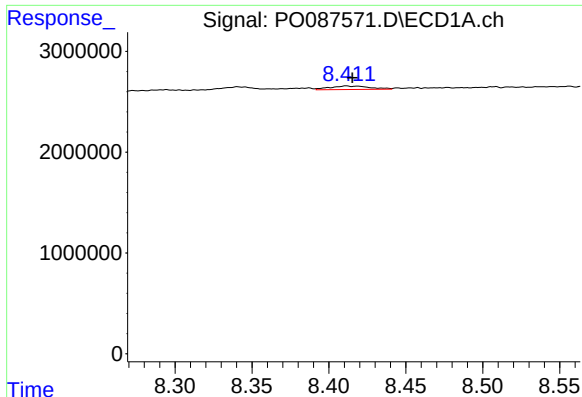
#36 AR-1262-1

R.T.: 7.860 min
Delta R.T.: 0.000 min
Response: 259139
Conc: 1.81 ng/ml



#36 AR-1262-1

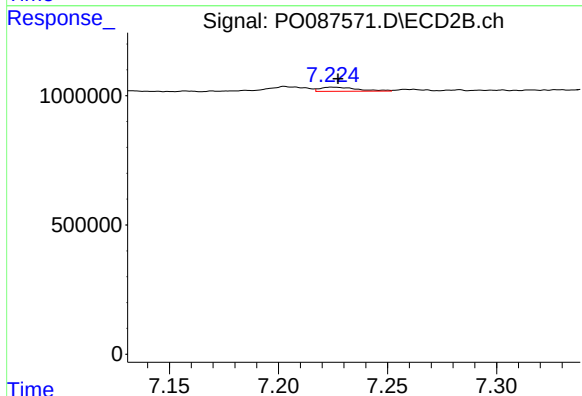
R.T.: 0.000 min
Exp R.T.: 6.780 min
Response: 0
Conc: N.D.



#37 AR-1262-2

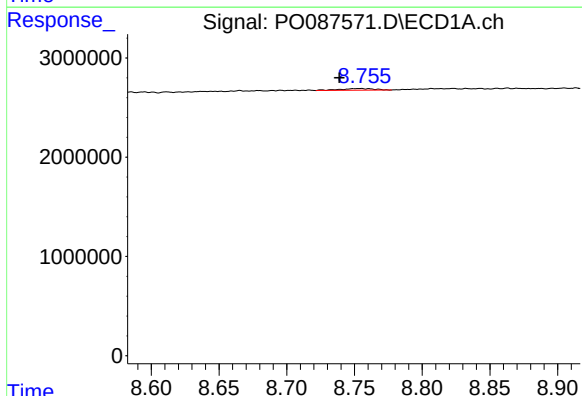
R.T.: 8.412 min
Delta R.T.: -0.004 min
Response: 635688
Conc: 2.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



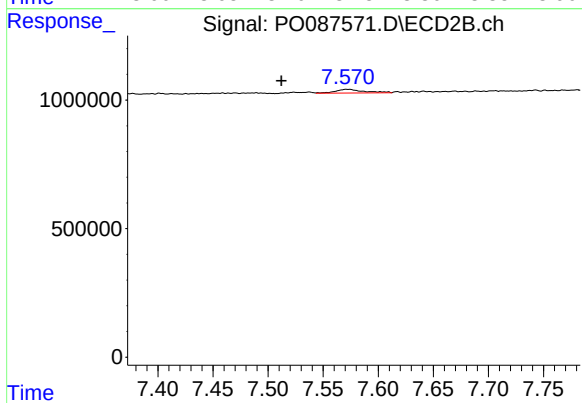
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.002 min
Response: 187628
Conc: 1.77 ng/ml



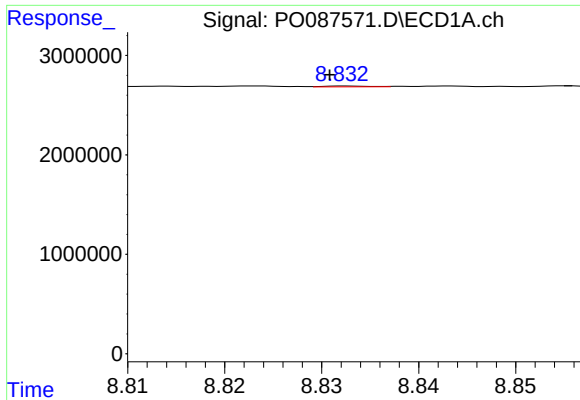
#38 AR-1262-3

R.T.: 8.755 min
Delta R.T.: 0.016 min
Response: 303208
Conc: 1.68 ng/ml



#38 AR-1262-3

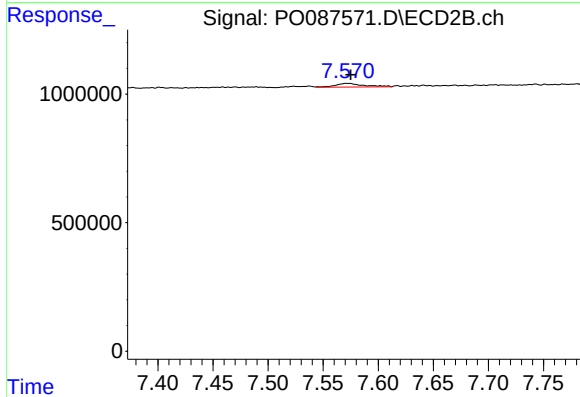
R.T.: 7.572 min
Delta R.T.: 0.060 min
Response: 252799
Conc: 6.16 ng/ml



#39 AR-1262-4

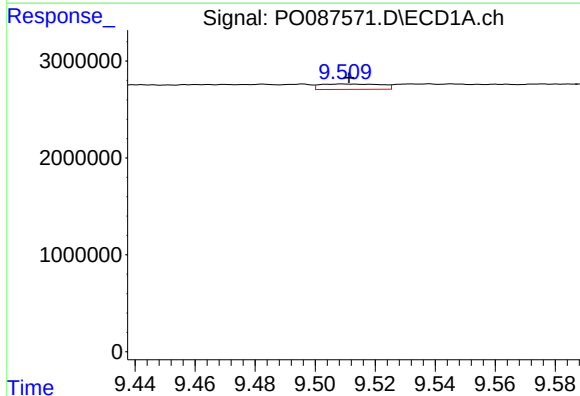
R.T.: 8.833 min
Delta R.T.: 0.002 min
Response: 29693
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



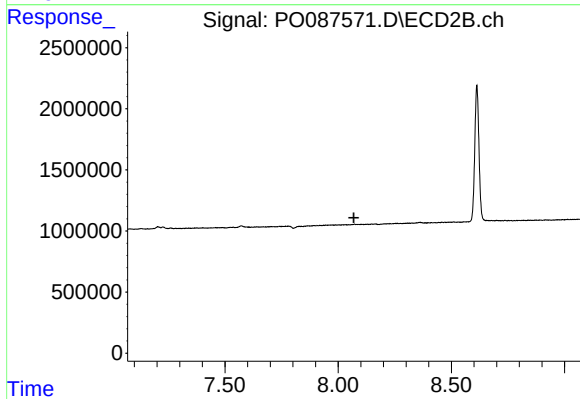
#39 AR-1262-4

R.T.: 7.572 min
Delta R.T.: -0.003 min
Response: 252799
Conc: 3.38 ng/ml



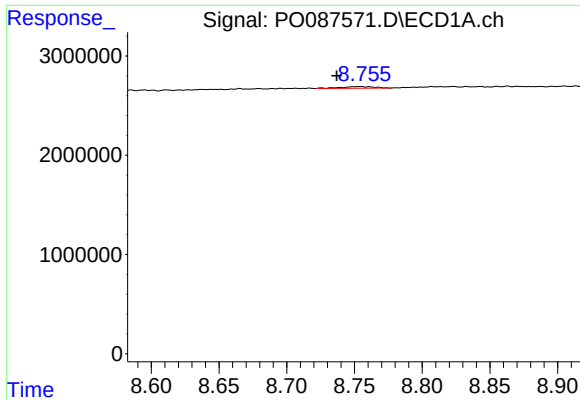
#40 AR-1262-5

R.T.: 9.509 min
Delta R.T.: -0.002 min
Response: 783511
Conc: 8.18 ng/ml



#40 AR-1262-5

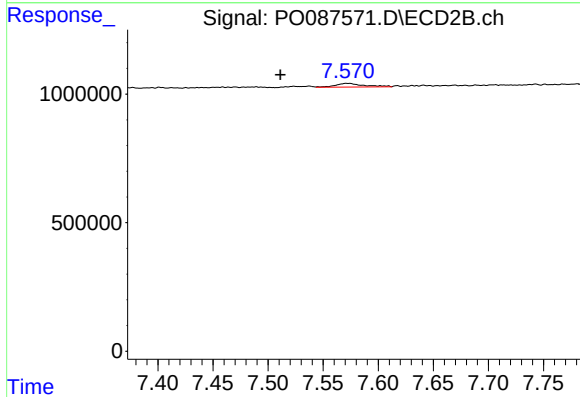
R.T.: 0.000 min
Exp R.T. : 8.069 min
Response: 0
Conc: N.D.



#41 AR-1268-1

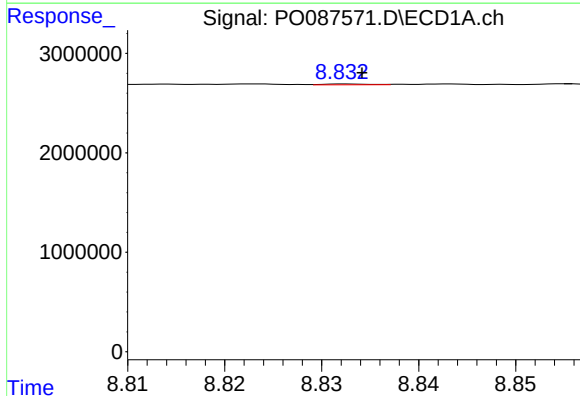
R.T.: 8.755 min
Delta R.T.: 0.018 min
Response: 303208
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



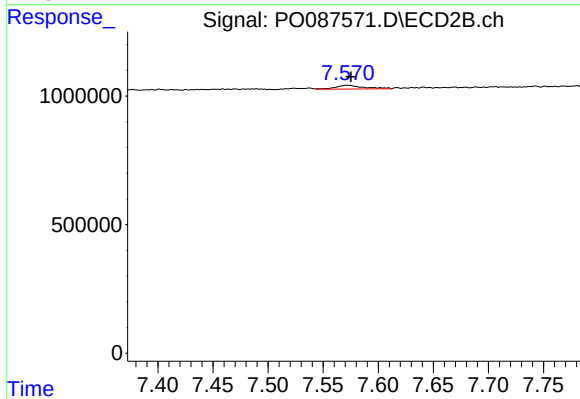
#41 AR-1268-1

R.T.: 7.572 min
Delta R.T.: 0.061 min
Response: 252799
Conc: 2.20 ng/ml



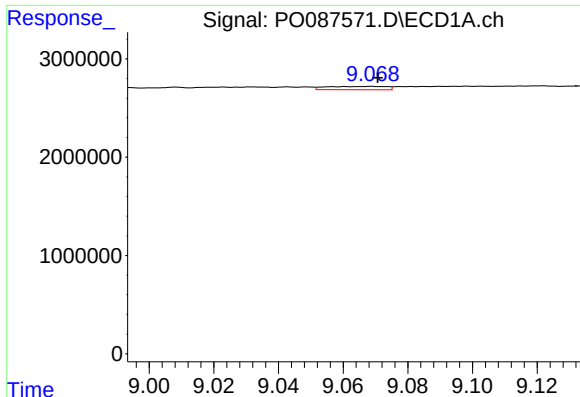
#42 AR-1268-2

R.T.: 8.833 min
Delta R.T.: -0.002 min
Response: 29693
Conc: 0.11 ng/ml



#42 AR-1268-2

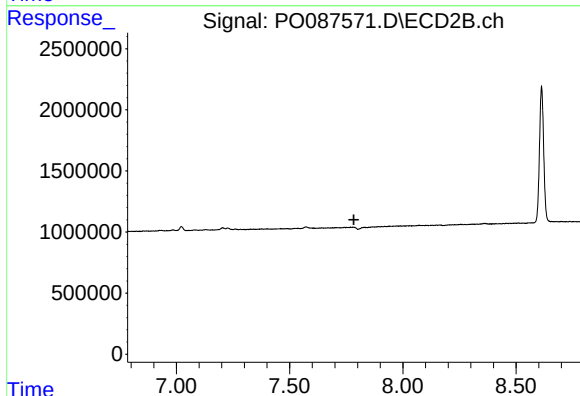
R.T.: 7.572 min
Delta R.T.: -0.003 min
Response: 252799
Conc: 2.46 ng/ml



#43 AR-1268-3

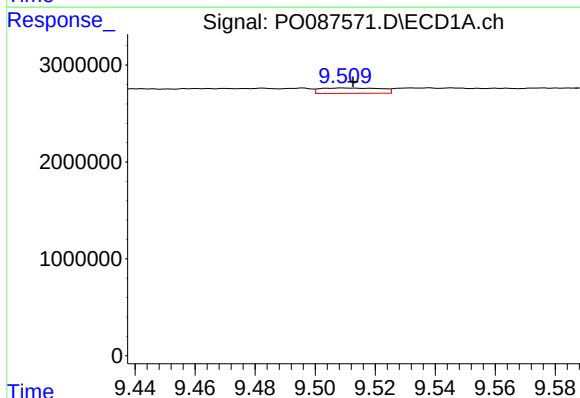
R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 433277
Conc: 1.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



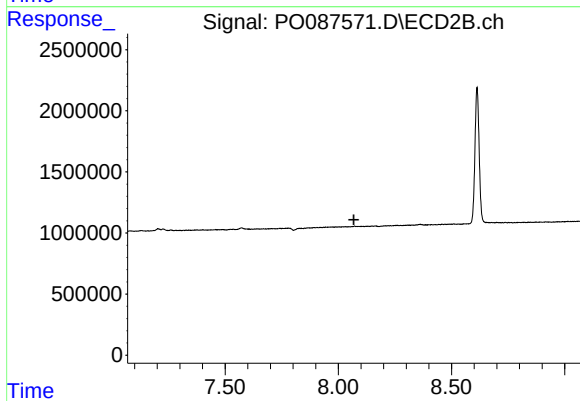
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.783 min
Response: 0
Conc: N.D.



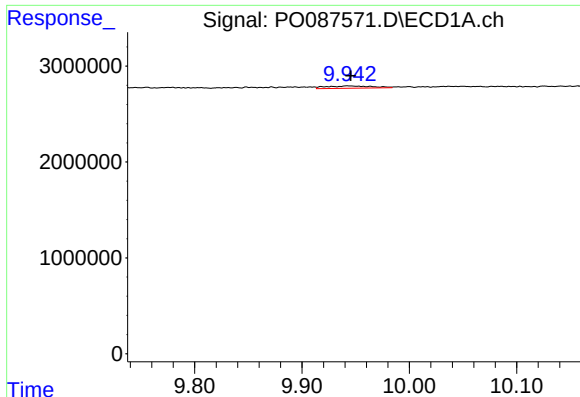
#44 AR-1268-4

R.T.: 9.509 min
Delta R.T.: -0.003 min
Response: 783511
Conc: 7.66 ng/ml



#44 AR-1268-4

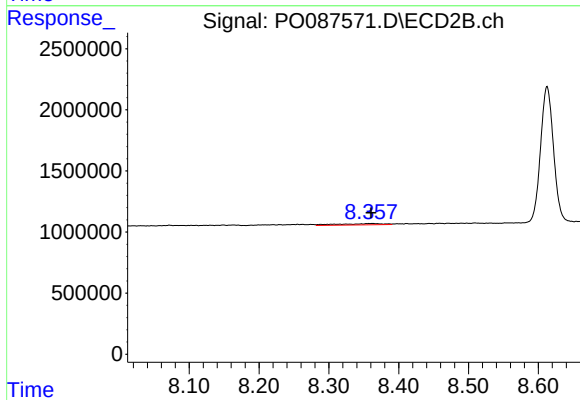
R.T.: 0.000 min
Exp R.T. : 8.069 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.942 min
Delta R.T.: -0.003 min
Response: 740530
Conc: 0.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 481944
Conc: 1.92 ng/ml