

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031423\
 Data File : P0093115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 17:53
 Operator : YP/AJ
 Sample : 01905-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 21:45:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 2023
 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...	4.430	3.635	66276591	24370188	21.164	21.607
2)	SA Decachlor...	10.272	8.672	41813455	18628447	19.320	19.025
Target Compounds							
3)	L1 AR-1016-1	5.632	4.658f	2186702	429654	22.885	12.003 #
4)	L1 AR-1016-2	5.632	0.000	2186702	0	15.314	N.D. #
5)	L1 AR-1016-3	5.690	0.000	592707	0	6.532	N.D. #
6)	L1 AR-1016-4	5.803	0.000	17726	0	0.262	N.D. #
7)	L1 AR-1016-5	6.075	5.120f	5002341	754309	66.812	23.834 #
8)	L2 AR-1221-1	4.635	0.000	808049	0	19.990	N.D. #
9)	L2 AR-1221-2	4.738	3.934	1285004	393803	42.403	36.060
10)	L2 AR-1221-3	4.819	4.056f	798099	773662	8.730	22.710 #
11)	L3 AR-1232-1	4.819	4.056f	798099	773662	10.932	27.392 #
12)	L3 AR-1232-2	5.304	0.000	1213625	0	33.753	N.D. #
13)	L3 AR-1232-3	5.632	0.000	2186702	0	33.403	N.D. #
14)	L3 AR-1232-4	5.803	0.000	17726	0	0.579	N.D. #
15)	L3 AR-1232-5	5.892	5.120f	403868	754309	14.555	53.787 #
16)	L4 AR-1242-1	5.632	4.658f	2186702	429654	26.679	14.140 #
17)	L4 AR-1242-2	5.632	0.000	2186702	0	18.219	N.D. #
18)	L4 AR-1242-3	5.690	0.000	592707	0	7.723	N.D. #
19)	L4 AR-1242-4	5.803	0.000	17726	0	0.309	N.D. #
20)	L4 AR-1242-5	6.548	5.529	1951506	1687961	31.229	59.088 #
21)	L5 AR-1248-1	5.632	4.658f	2186702	429654	35.176	18.463 #
22)	L5 AR-1248-2	5.892	0.000	403868	0	4.229	N.D. #
23)	L5 AR-1248-3	6.075	0.000	5002341	0	48.072	N.D. #
24)	L5 AR-1248-4	6.504	5.120f	6676042	754309	65.560	17.533 #
25)	L5 AR-1248-5	6.548	5.569	1951506	1658252	19.065	45.089 #
26)	L6 AR-1254-1	6.460	5.529	7432729	1687961	63.604	26.894 #
27)	L6 AR-1254-2	6.693	5.674	7972401	1509997	46.658	26.796 #
28)	L6 AR-1254-3	7.083	6.079	8633560	4183596	51.935	48.593
29)	L6 AR-1254-4	7.349	6.306	969736	1933024	9.097	42.270 #
30)	L6 AR-1254-5	7.794	6.729	10179167	4609534	75.174	62.416
31)	L7 AR-1260-1	7.230	6.212	2279302	3375960	17.594	55.527 #
32)	L7 AR-1260-2	7.482	6.401	10067106	1832244	68.194	25.343 #
33)	L7 AR-1260-3	7.852	6.557	846775	2357316	7.528	35.253 #
34)	L7 AR-1260-4	8.078	7.034	5052041	602224	39.396	10.943 #
35)	L7 AR-1260-5	8.407	7.271	873954	819870	3.911	6.964 #
36)	L8 AR-1262-1	7.794	6.729	10179167	4609534	102.402	123.353
37)	L8 AR-1262-2	8.407	7.271	873954	819870	3.682	6.885 #
38)	L8 AR-1262-3	8.736	7.622	1363064	1014430	8.071	11.223 #
39)	L8 AR-1262-4	8.823	7.622	837318	1014430	9.349	11.223
41)	L9 AR-1268-1	8.736	7.622f	1363064	1014430	4.269	6.482 #
42)	L9 AR-1268-2	8.823	7.622	837318	1014430	2.884	7.266 #

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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	7.834	0	396272	N.D.	3.185 #
45) L9	AR-1268-5	0.000	8.414	0	347653	N.D.	0.985 #

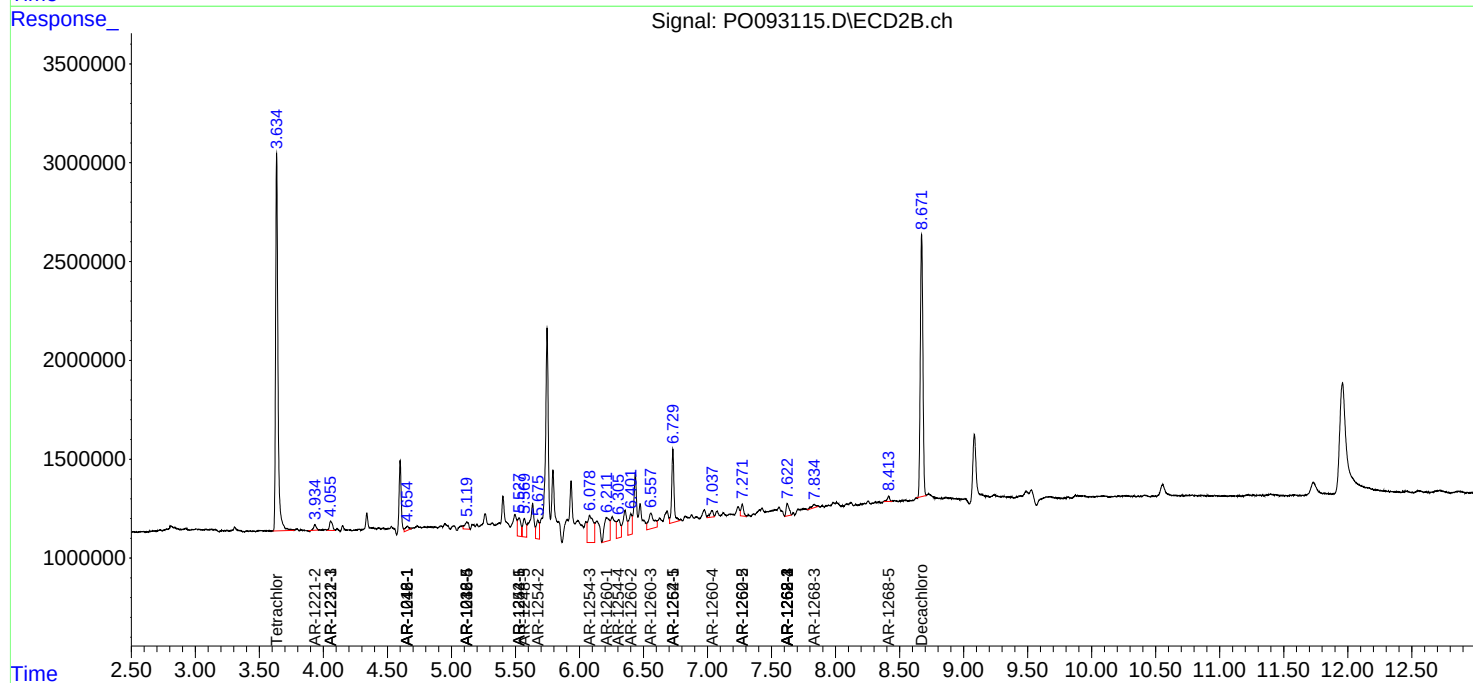
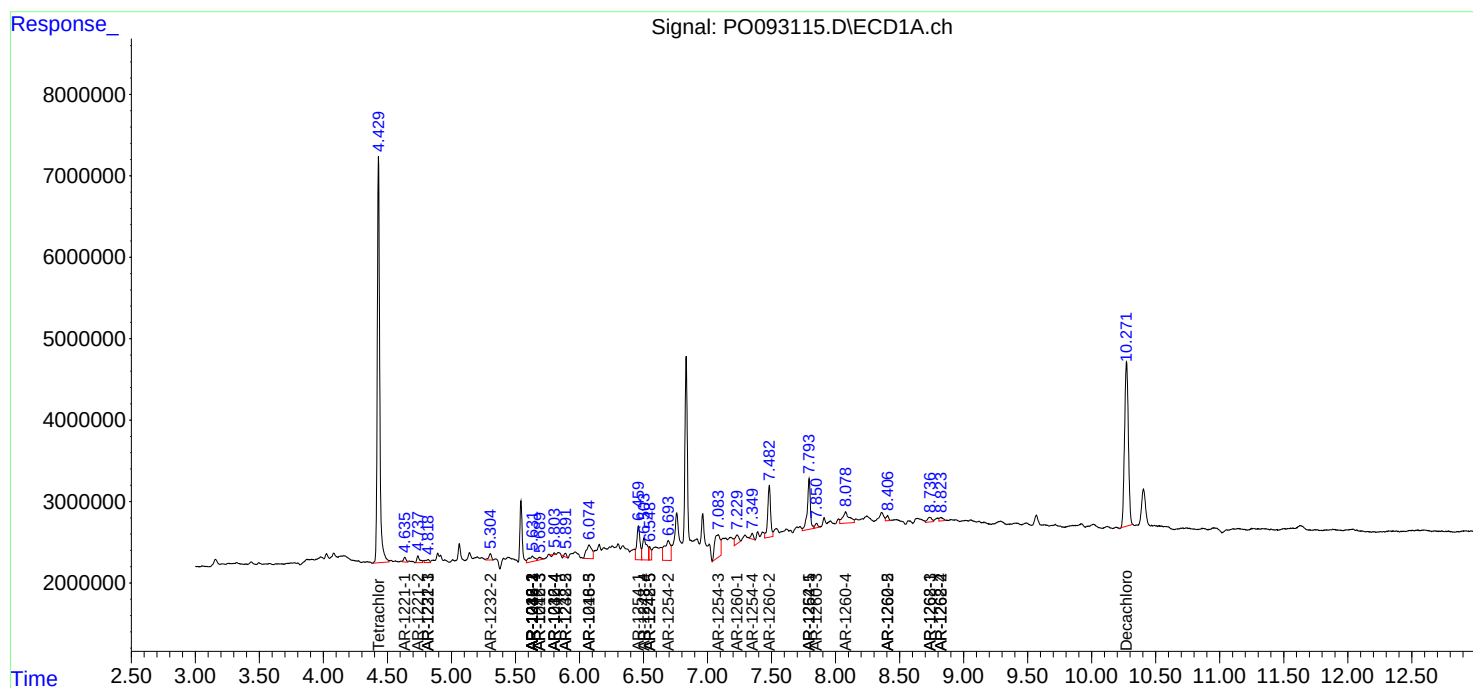
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

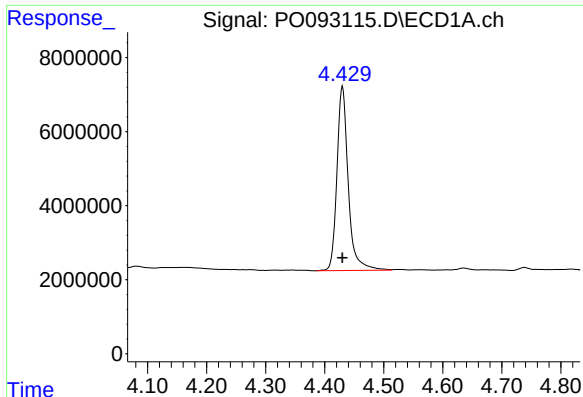
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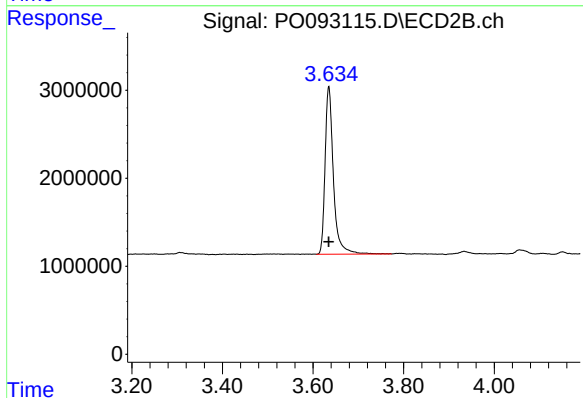




#1 Tetrachloro-m-xylene

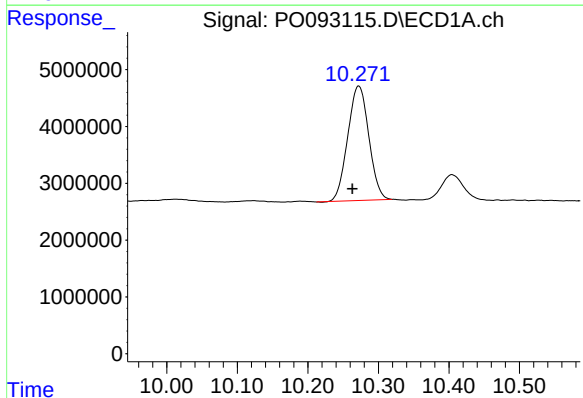
R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 66276591
Conc: 21.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



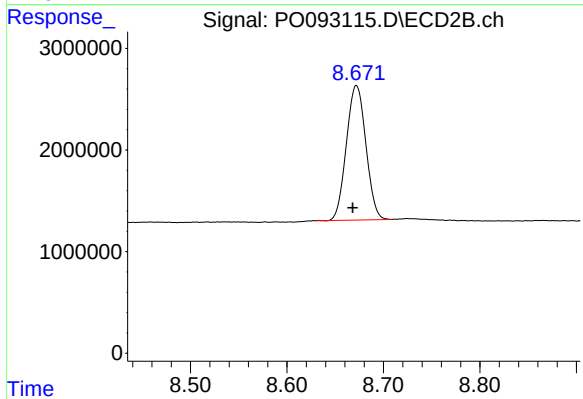
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 24370188
Conc: 21.61 ng/ml



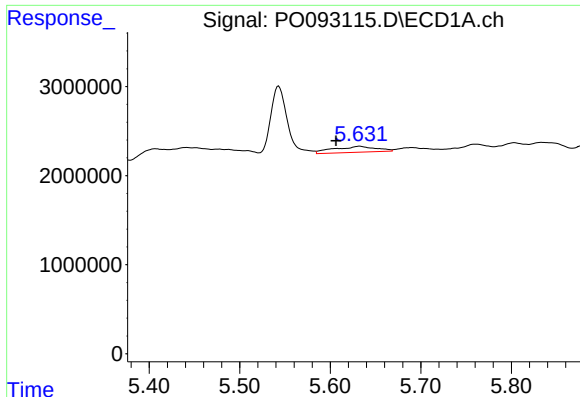
#2 Decachlorobiphenyl

R.T.: 10.272 min
Delta R.T.: 0.009 min
Response: 41813455
Conc: 19.32 ng/ml



#2 Decachlorobiphenyl

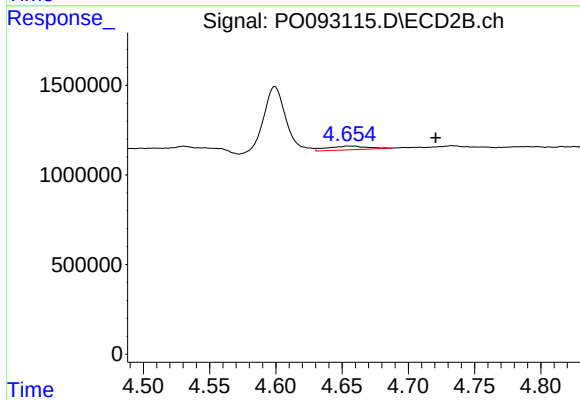
R.T.: 8.672 min
Delta R.T.: 0.004 min
Response: 18628447
Conc: 19.03 ng/ml



#3 AR-1016-1

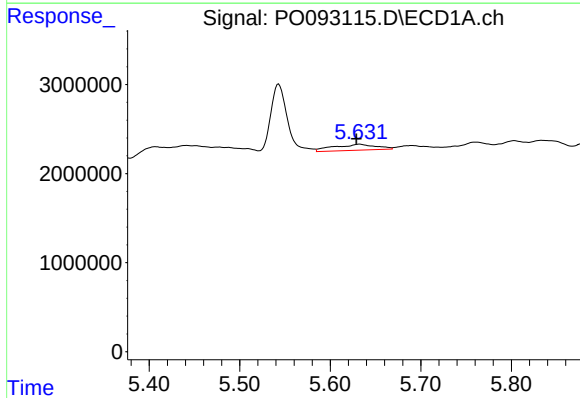
R.T.: 5.632 min
Delta R.T.: 0.026 min
Response: 2186702
Conc: 22.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



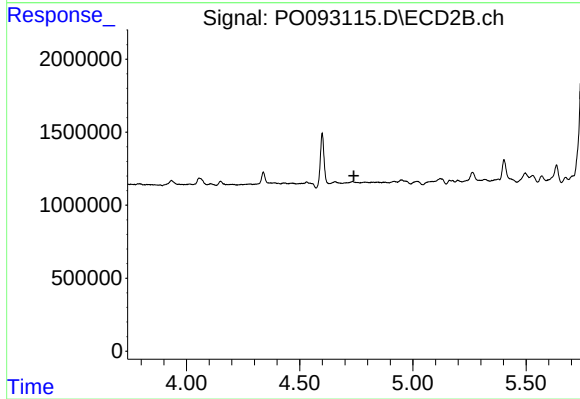
#3 AR-1016-1

R.T.: 4.658 min
Delta R.T.: -0.062 min
Response: 429654
Conc: 12.00 ng/ml



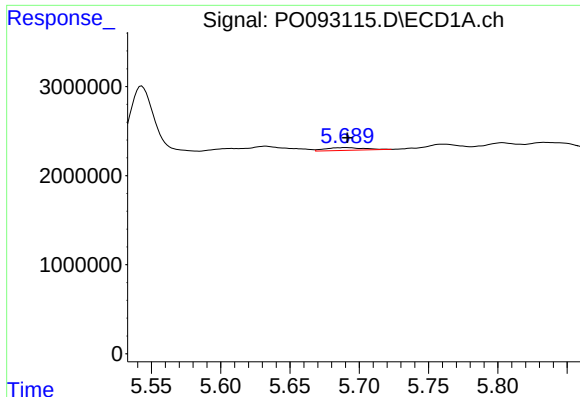
#4 AR-1016-2

R.T.: 5.632 min
Delta R.T.: 0.004 min
Response: 2186702
Conc: 15.31 ng/ml



#4 AR-1016-2

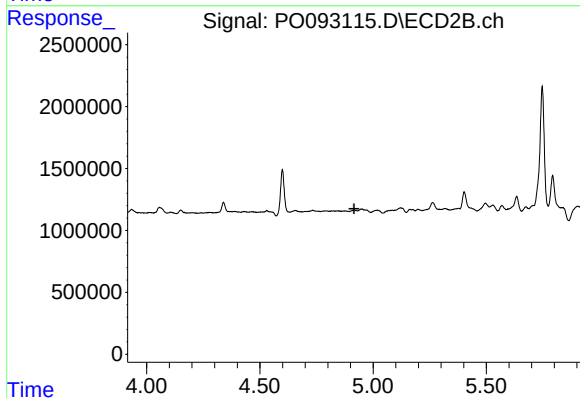
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

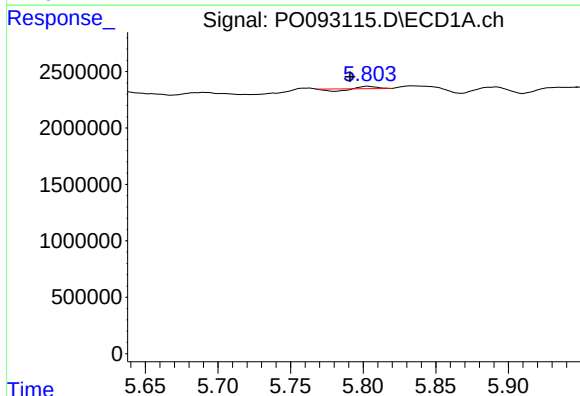
R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 592707
Conc: 6.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



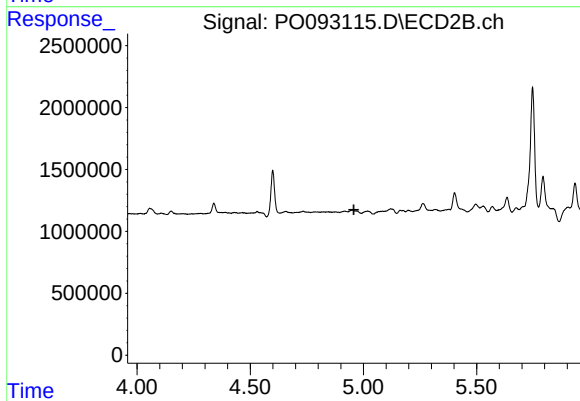
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



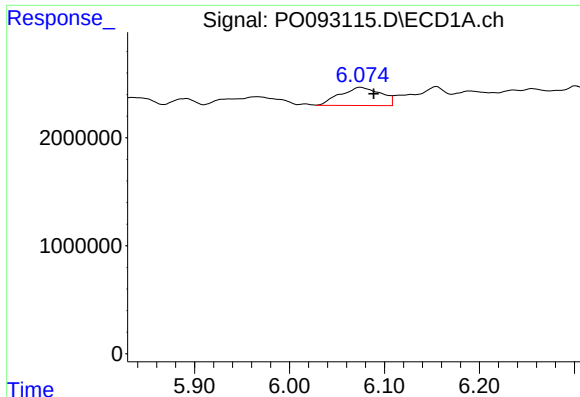
#6 AR-1016-4

R.T.: 5.803 min
Delta R.T.: 0.012 min
Response: 17726
Conc: 0.26 ng/ml



#6 AR-1016-4

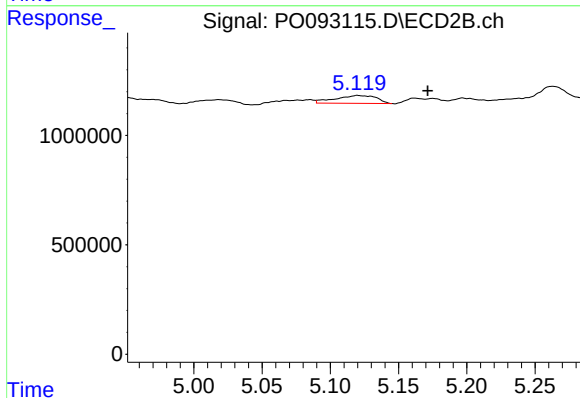
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#7 AR-1016-5

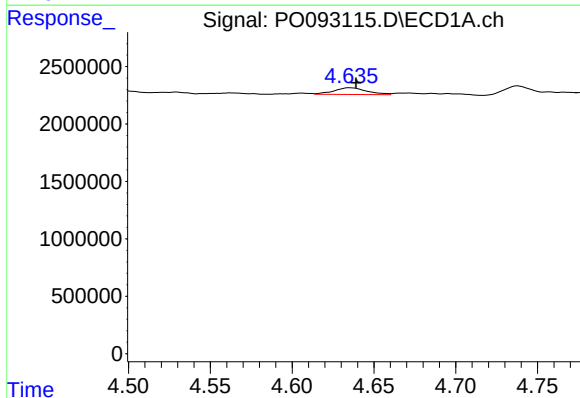
R.T.: 6.075 min
Delta R.T.: -0.014 min
Response: 5002341
Conc: 66.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



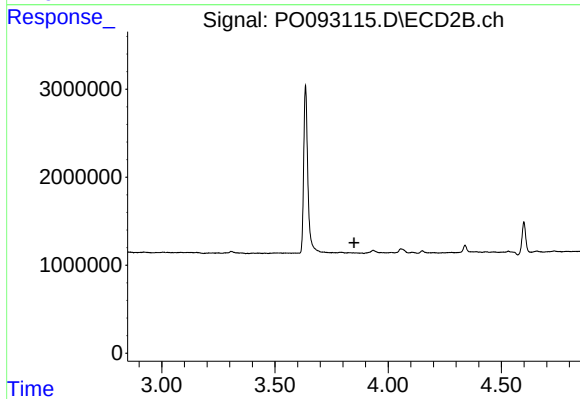
#7 AR-1016-5

R.T.: 5.120 min
Delta R.T.: -0.051 min
Response: 754309
Conc: 23.83 ng/ml



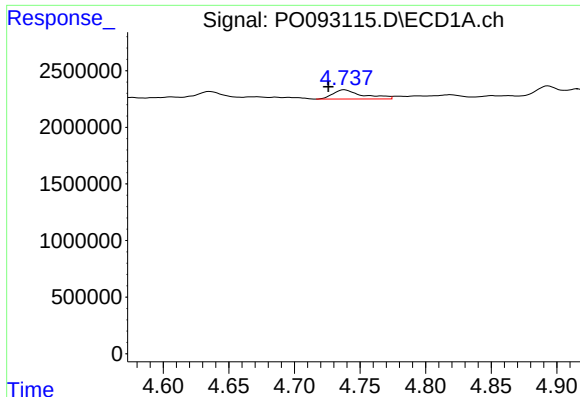
#8 AR-1221-1

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 808049
Conc: 19.99 ng/ml



#8 AR-1221-1

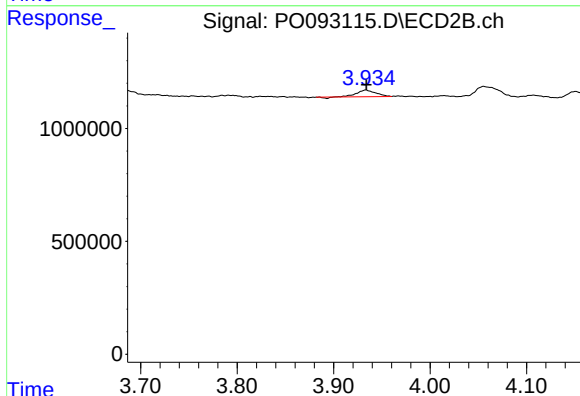
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

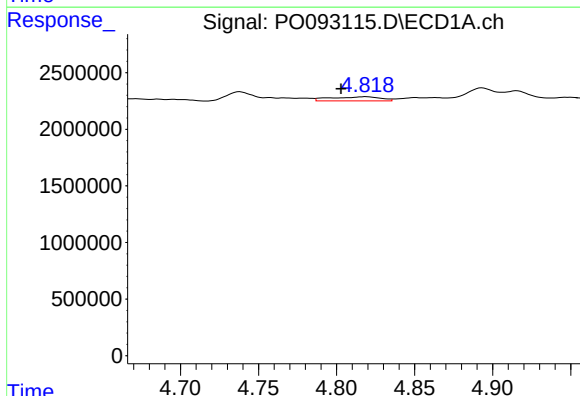
R.T.: 4.738 min
Delta R.T.: 0.012 min
Response: 1285004
Conc: 42.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



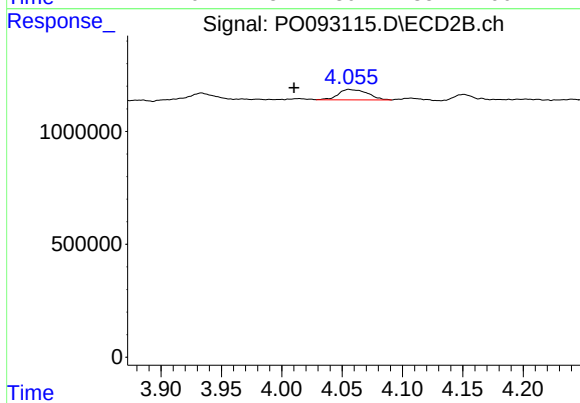
#9 AR-1221-2

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 393803
Conc: 36.06 ng/ml



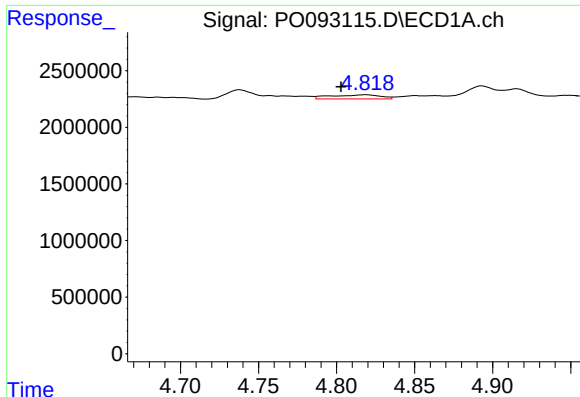
#10 AR-1221-3

R.T.: 4.819 min
Delta R.T.: 0.016 min
Response: 798099
Conc: 8.73 ng/ml



#10 AR-1221-3

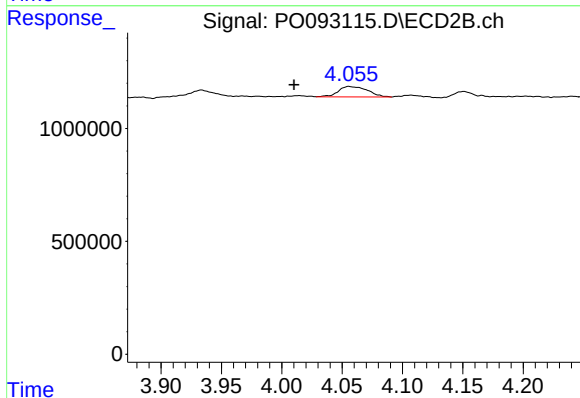
R.T.: 4.056 min
Delta R.T.: 0.046 min
Response: 773662
Conc: 22.71 ng/ml



#11 AR-1232-1

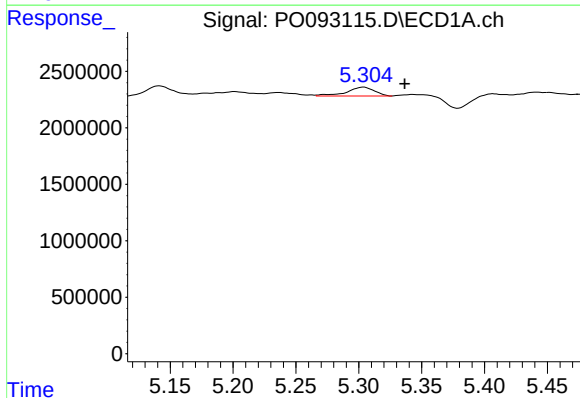
R.T.: 4.819 min
Delta R.T.: 0.016 min
Response: 798099
Conc: 10.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



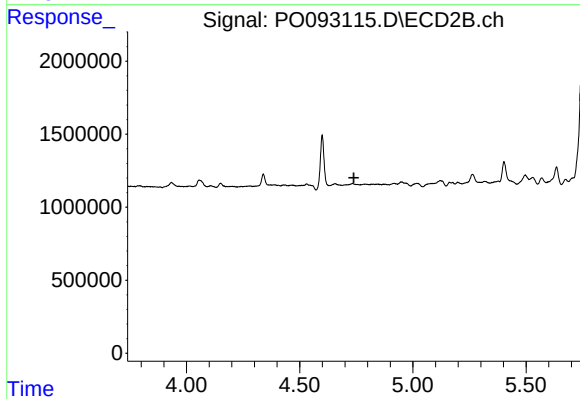
#11 AR-1232-1

R.T.: 4.056 min
Delta R.T.: 0.046 min
Response: 773662
Conc: 27.39 ng/ml



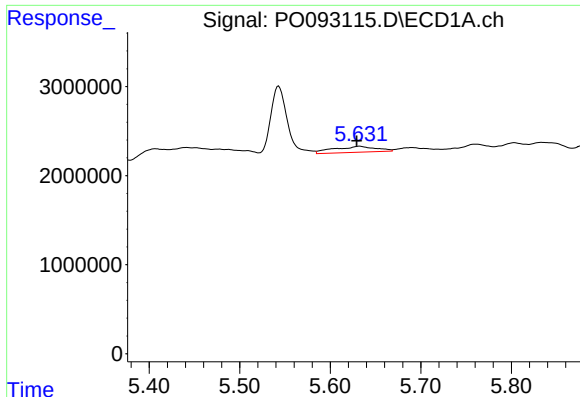
#12 AR-1232-2

R.T.: 5.304 min
Delta R.T.: -0.032 min
Response: 1213625
Conc: 33.75 ng/ml



#12 AR-1232-2

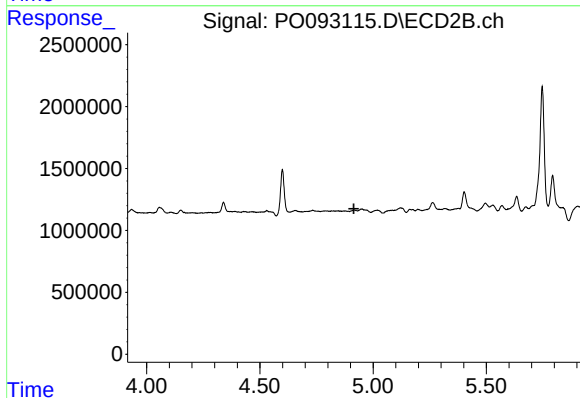
R.T.: 0.000 min
Exp R.T.: 4.739 min
Response: 0
Conc: N.D.



#13 AR-1232-3

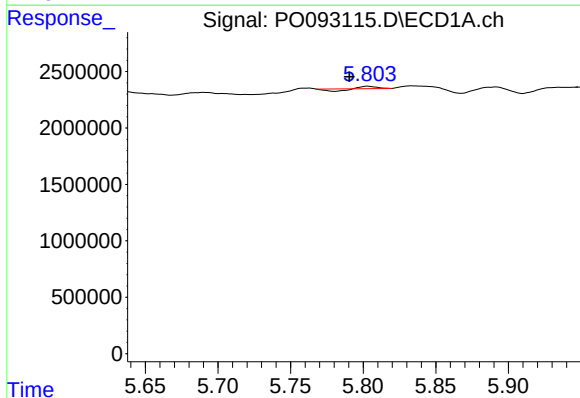
R.T.: 5.632 min
Delta R.T.: 0.003 min
Response: 2186702
Conc: 33.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



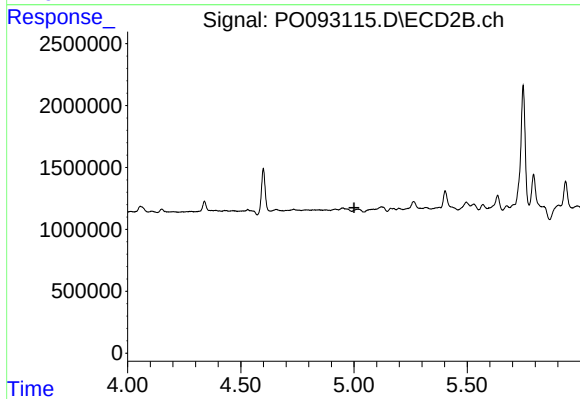
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.915 min
Response: 0
Conc: N.D.



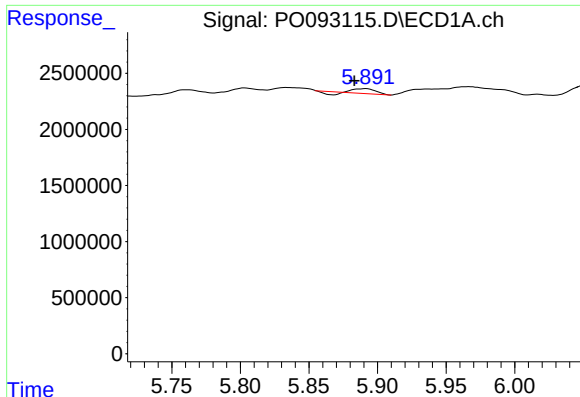
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: 0.013 min
Response: 17726
Conc: 0.58 ng/ml



#14 AR-1232-4

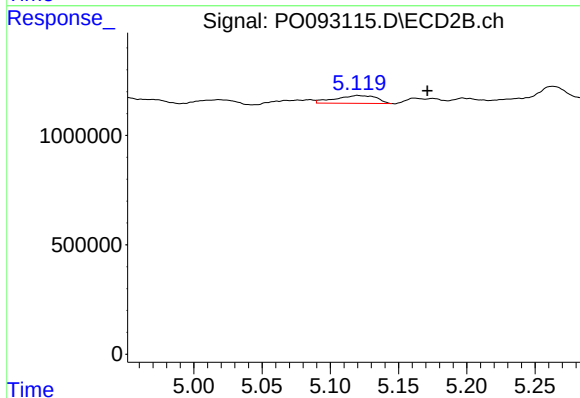
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#15 AR-1232-5

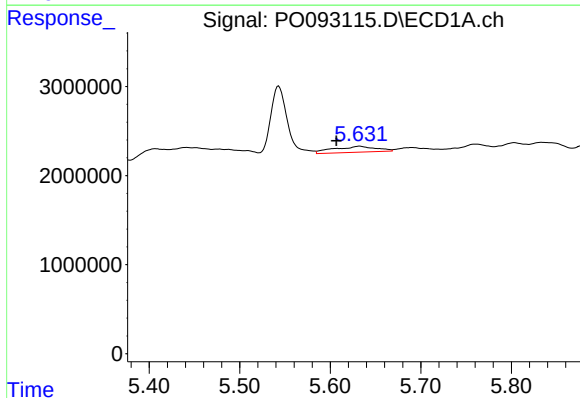
R.T.: 5.892 min
Delta R.T.: 0.009 min
Response: 403868
Conc: 14.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



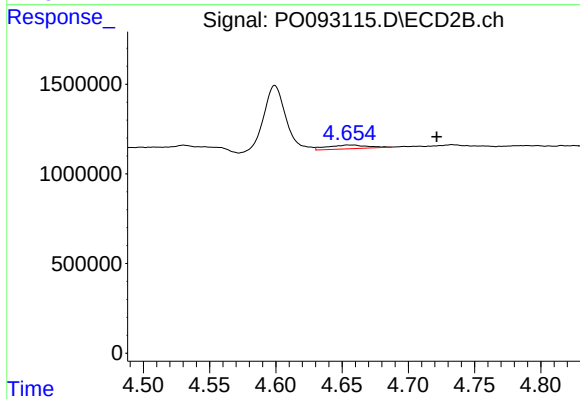
#15 AR-1232-5

R.T.: 5.120 min
Delta R.T.: -0.051 min
Response: 754309
Conc: 53.79 ng/ml



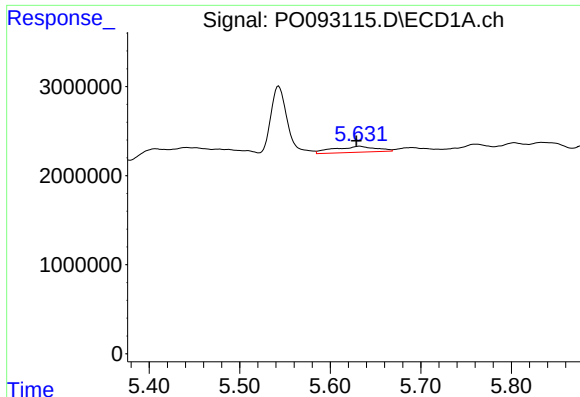
#16 AR-1242-1

R.T.: 5.632 min
Delta R.T.: 0.026 min
Response: 2186702
Conc: 26.68 ng/ml



#16 AR-1242-1

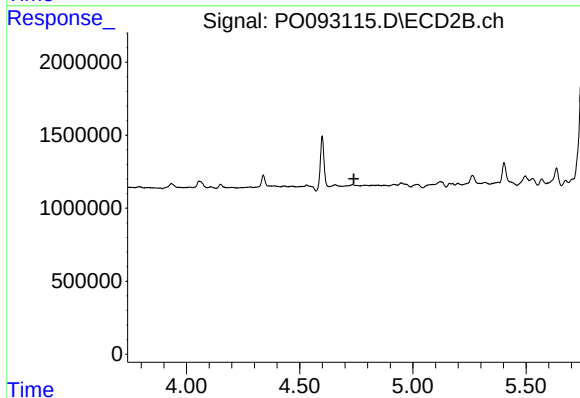
R.T.: 4.658 min
Delta R.T.: -0.063 min
Response: 429654
Conc: 14.14 ng/ml



#17 AR-1242-2

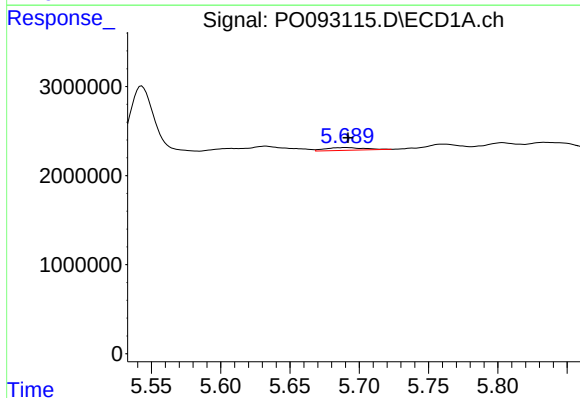
R.T.: 5.632 min
Delta R.T.: 0.003 min
Response: 2186702
Conc: 18.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



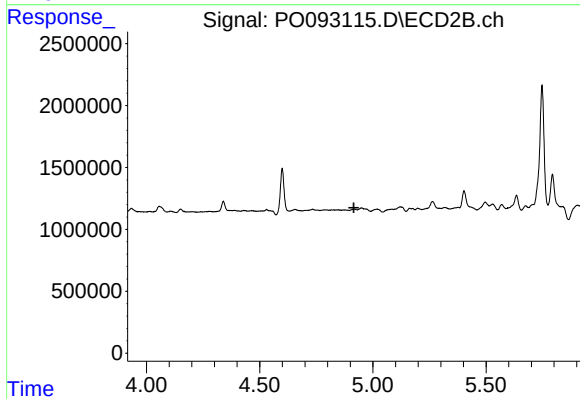
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



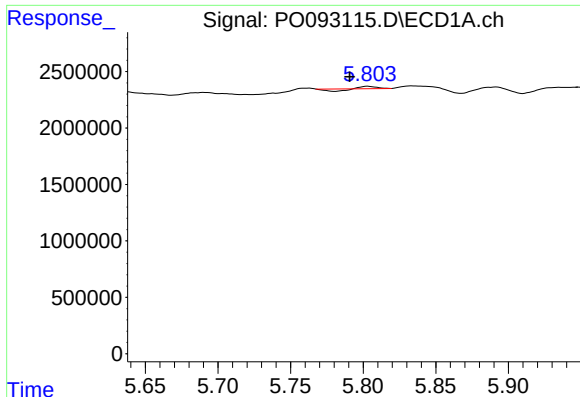
#18 AR-1242-3

R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 592707
Conc: 7.72 ng/ml



#18 AR-1242-3

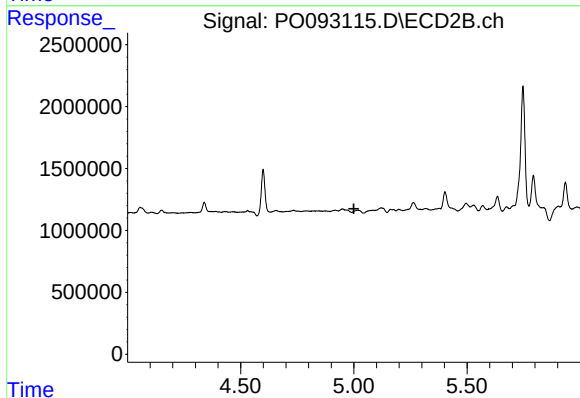
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#19 AR-1242-4

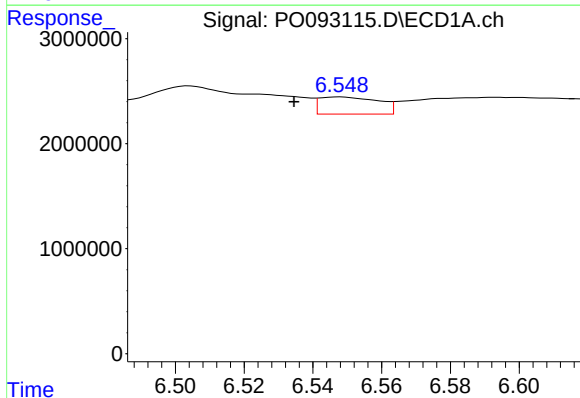
R.T.: 5.803 min
Delta R.T.: 0.013 min
Response: 17726
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



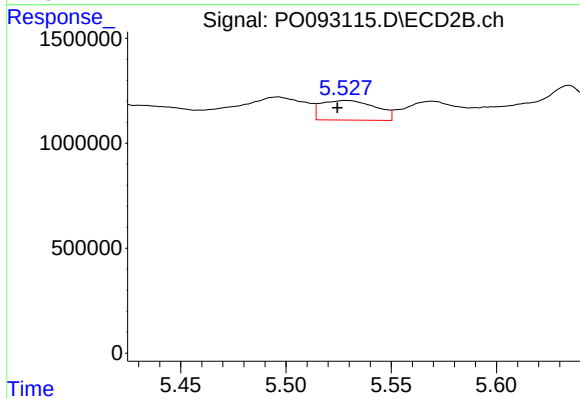
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



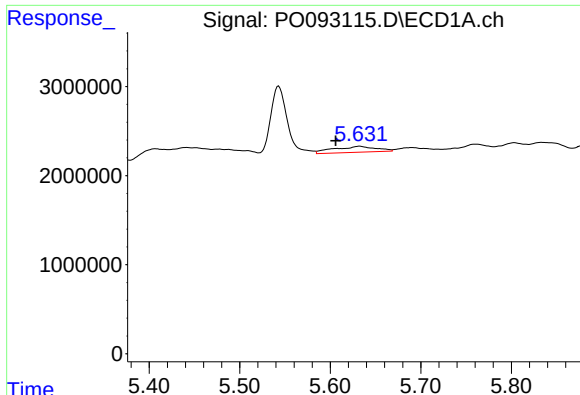
#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: 0.014 min
Response: 1951506
Conc: 31.23 ng/ml



#20 AR-1242-5

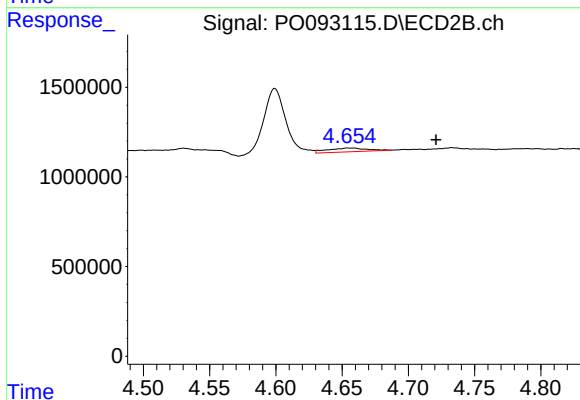
R.T.: 5.529 min
Delta R.T.: 0.004 min
Response: 1687961
Conc: 59.09 ng/ml



#21 AR-1248-1

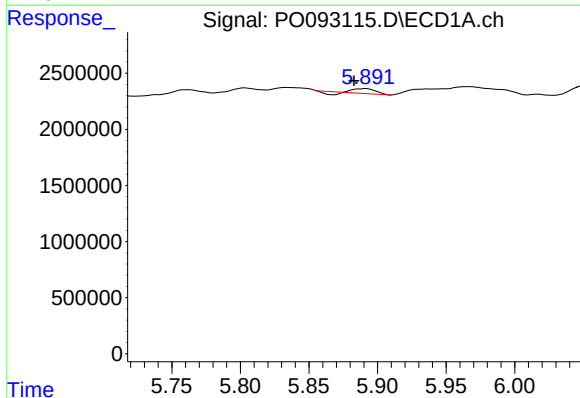
R.T.: 5.632 min
Delta R.T.: 0.026 min
Response: 2186702
Conc: 35.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



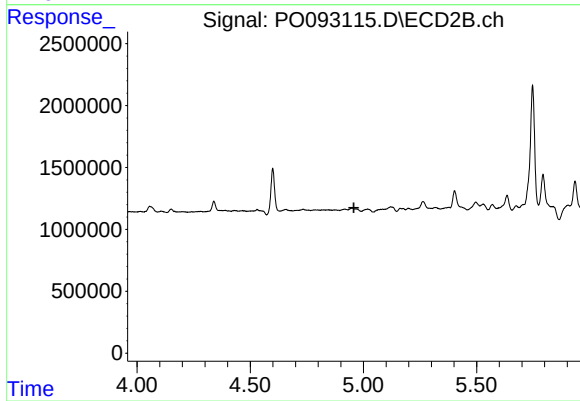
#21 AR-1248-1

R.T.: 4.658 min
Delta R.T.: -0.063 min
Response: 429654
Conc: 18.46 ng/ml



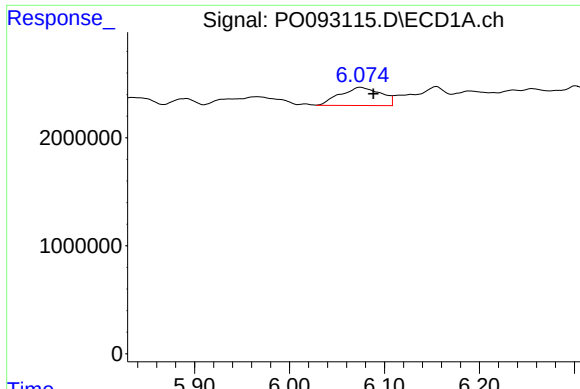
#22 AR-1248-2

R.T.: 5.892 min
Delta R.T.: 0.009 min
Response: 403868
Conc: 4.23 ng/ml



#22 AR-1248-2

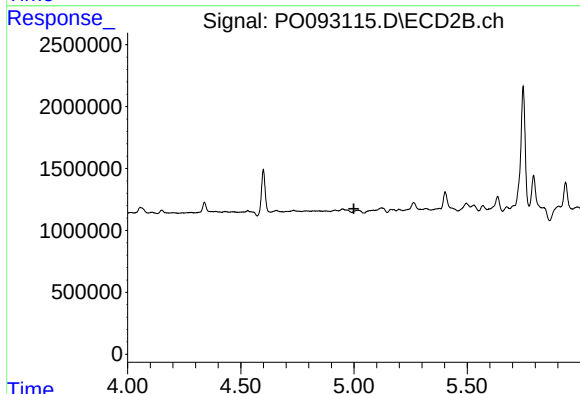
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#23 AR-1248-3

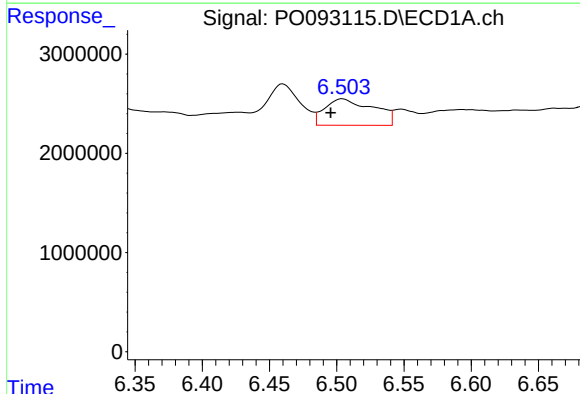
R.T.: 6.075 min
Delta R.T.: -0.014 min
Response: 5002341
Conc: 48.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



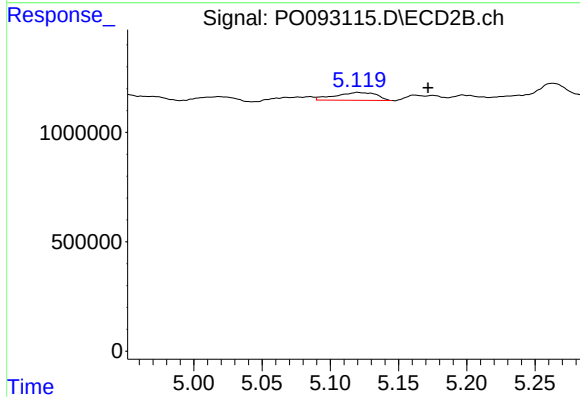
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



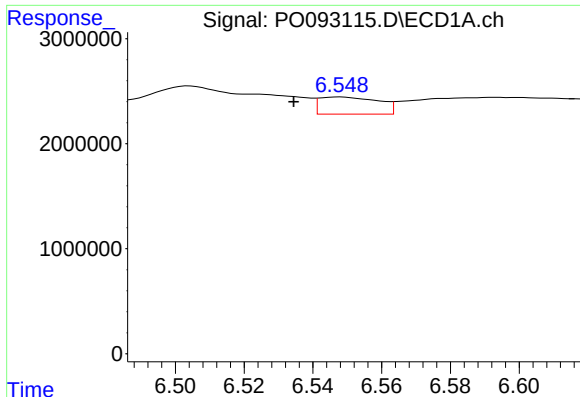
#24 AR-1248-4

R.T.: 6.504 min
Delta R.T.: 0.008 min
Response: 6676042
Conc: 65.56 ng/ml



#24 AR-1248-4

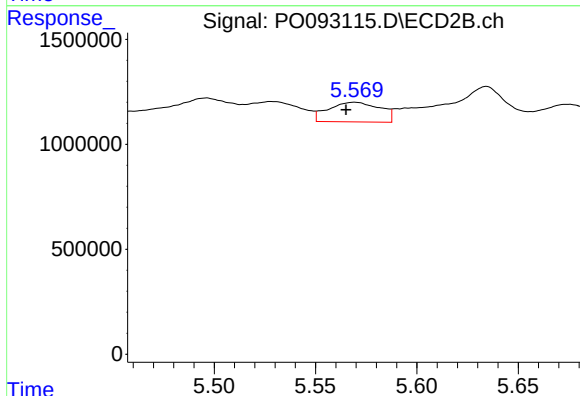
R.T.: 5.120 min
Delta R.T.: -0.051 min
Response: 754309
Conc: 17.53 ng/ml



#25 AR-1248-5

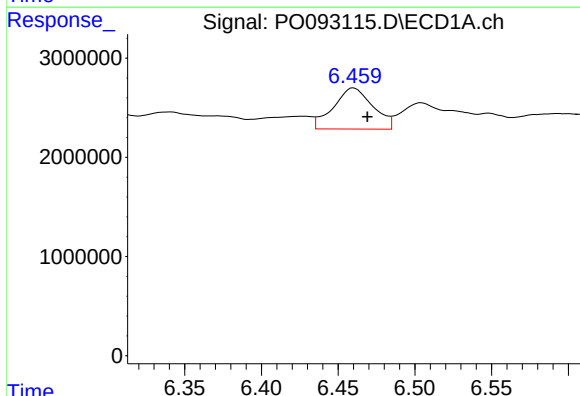
R.T.: 6.548 min
Delta R.T.: 0.014 min
Response: 1951506
Conc: 19.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



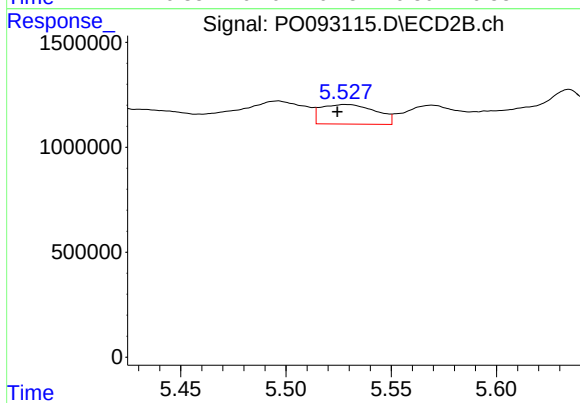
#25 AR-1248-5

R.T.: 5.569 min
Delta R.T.: 0.004 min
Response: 1658252
Conc: 45.09 ng/ml



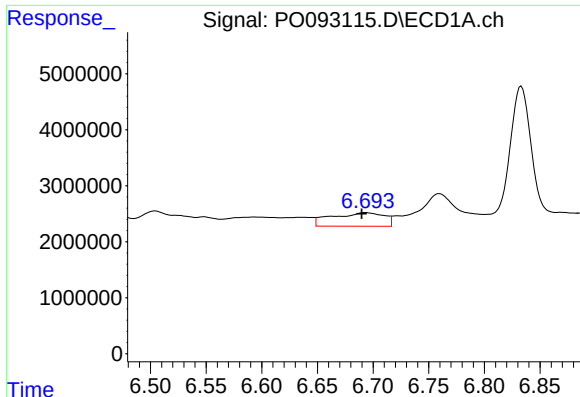
#26 AR-1254-1

R.T.: 6.460 min
Delta R.T.: -0.009 min
Response: 7432729
Conc: 63.60 ng/ml



#26 AR-1254-1

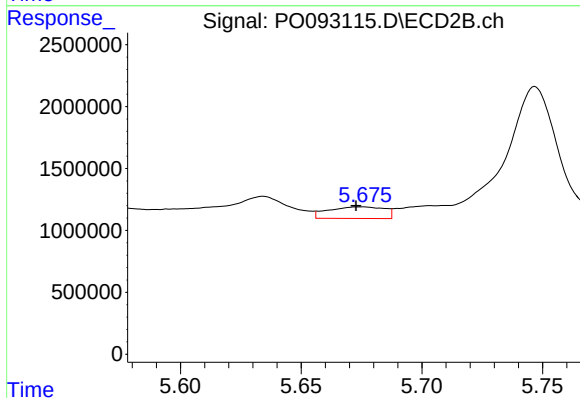
R.T.: 5.529 min
Delta R.T.: 0.004 min
Response: 1687961
Conc: 26.89 ng/ml



#27 AR-1254-2

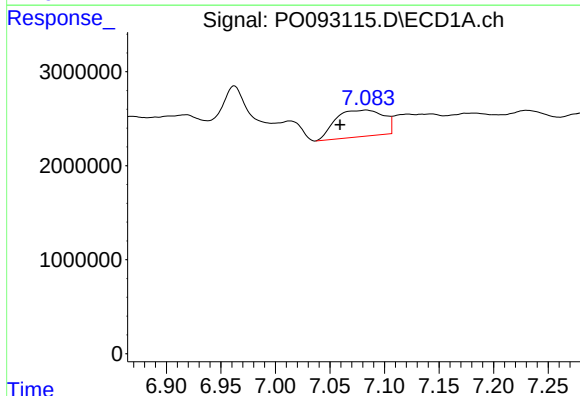
R.T.: 6.693 min
Delta R.T.: 0.004 min
Response: 7972401
Conc: 46.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



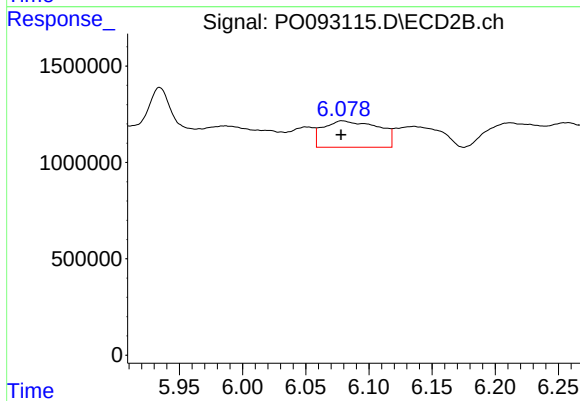
#27 AR-1254-2

R.T.: 5.674 min
Delta R.T.: 0.002 min
Response: 1509997
Conc: 26.80 ng/ml



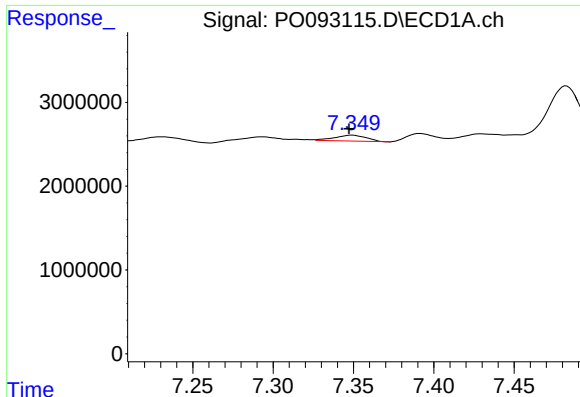
#28 AR-1254-3

R.T.: 7.083 min
Delta R.T.: 0.024 min
Response: 8633560
Conc: 51.93 ng/ml



#28 AR-1254-3

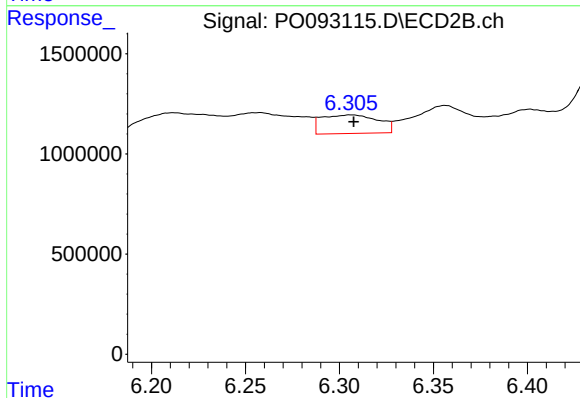
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 4183596
Conc: 48.59 ng/ml



#29 AR-1254-4

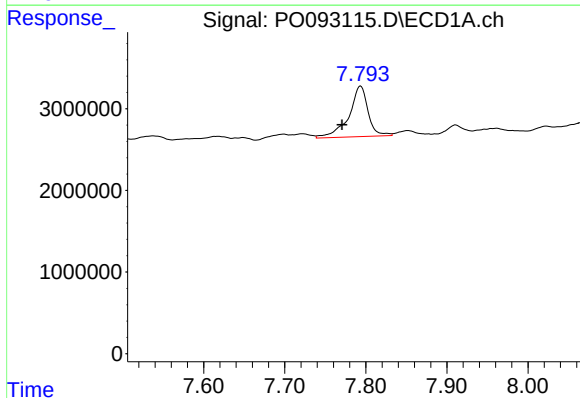
R.T.: 7.349 min
Delta R.T.: 0.002 min
Response: 969736
Conc: 9.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



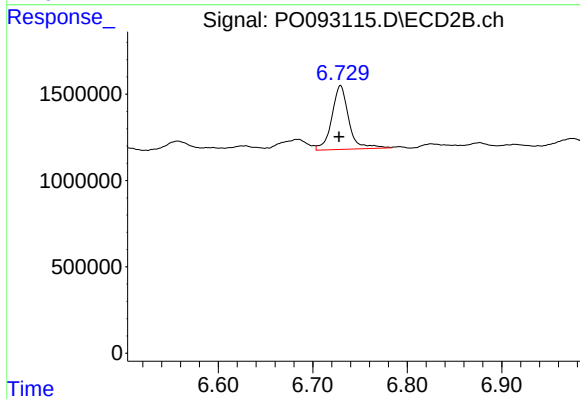
#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: -0.001 min
Response: 1933024
Conc: 42.27 ng/ml



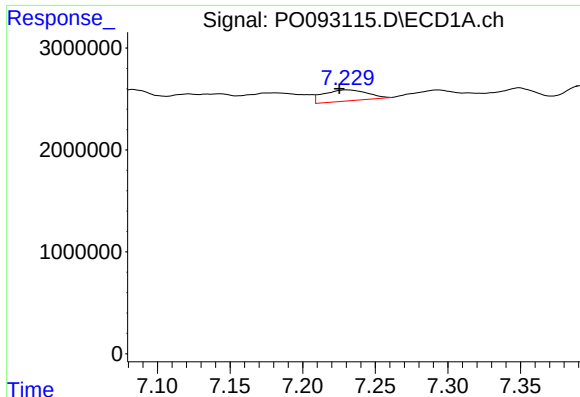
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.023 min
Response: 10179167
Conc: 75.17 ng/ml



#30 AR-1254-5

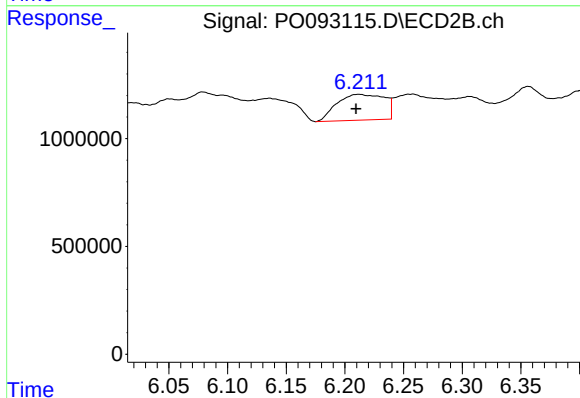
R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 4609534
Conc: 62.42 ng/ml



#31 AR-1260-1

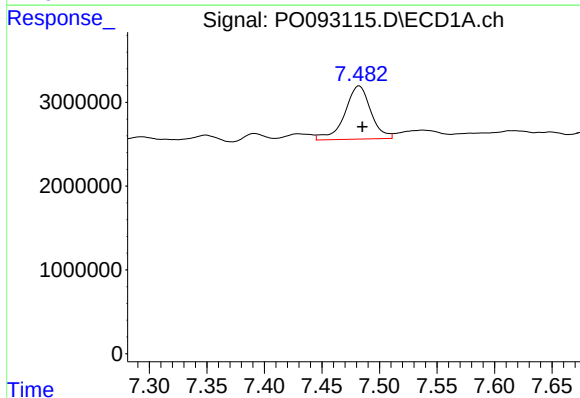
R.T.: 7.230 min
Delta R.T.: 0.005 min
Response: 2279302
Conc: 17.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



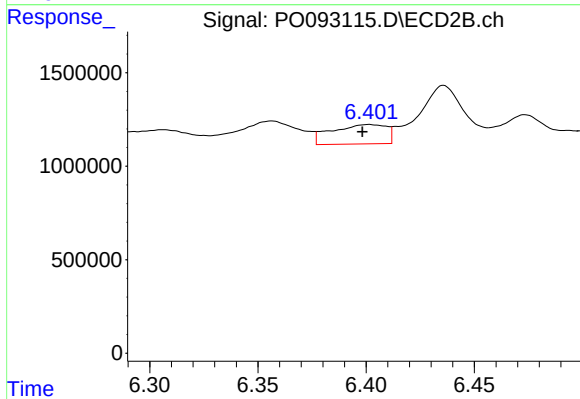
#31 AR-1260-1

R.T.: 6.212 min
Delta R.T.: 0.003 min
Response: 3375960
Conc: 55.53 ng/ml



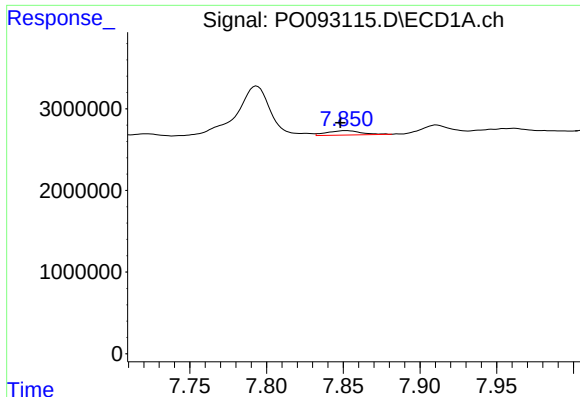
#32 AR-1260-2

R.T.: 7.482 min
Delta R.T.: -0.003 min
Response: 10067106
Conc: 68.19 ng/ml



#32 AR-1260-2

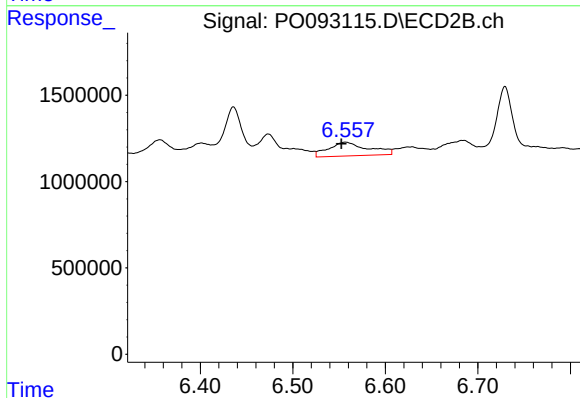
R.T.: 6.401 min
Delta R.T.: 0.003 min
Response: 1832244
Conc: 25.34 ng/ml



#33 AR-1260-3

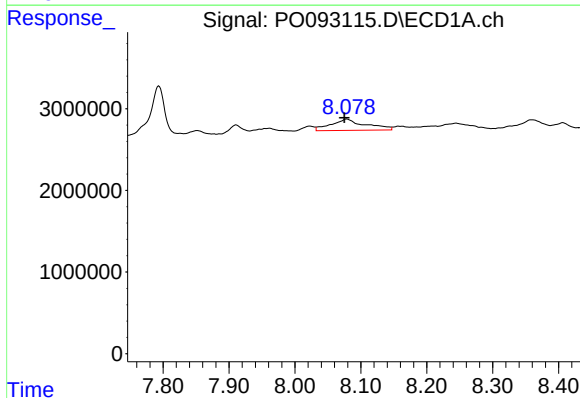
R.T.: 7.852 min
Delta R.T.: 0.003 min
Response: 846775
Conc: 7.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



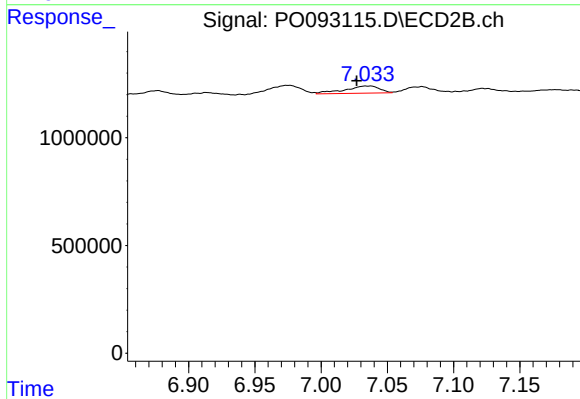
#33 AR-1260-3

R.T.: 6.557 min
Delta R.T.: 0.005 min
Response: 2357316
Conc: 35.25 ng/ml



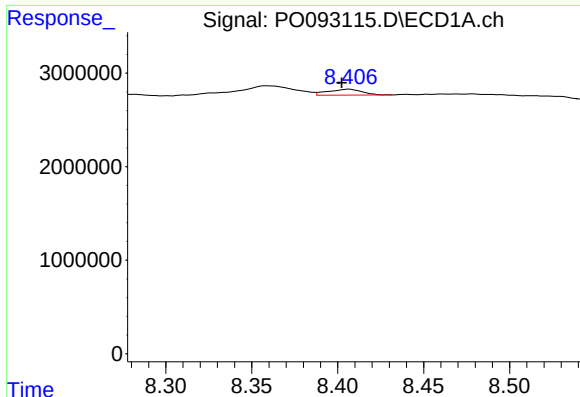
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: 0.003 min
Response: 5052041
Conc: 39.40 ng/ml



#34 AR-1260-4

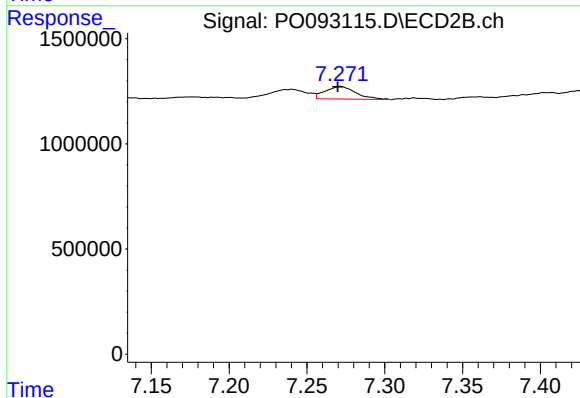
R.T.: 7.034 min
Delta R.T.: 0.007 min
Response: 602224
Conc: 10.94 ng/ml



#35 AR-1260-5

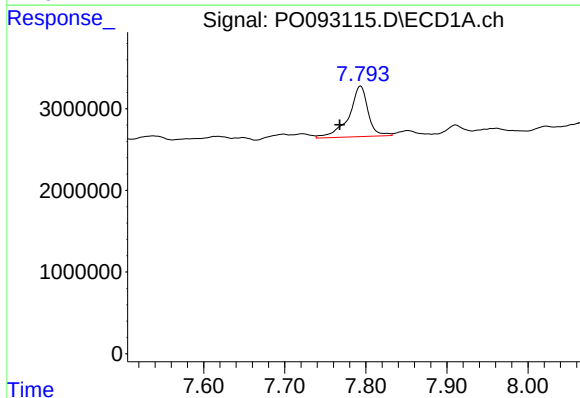
R.T.: 8.407 min
Delta R.T.: 0.004 min
Response: 873954
Conc: 3.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



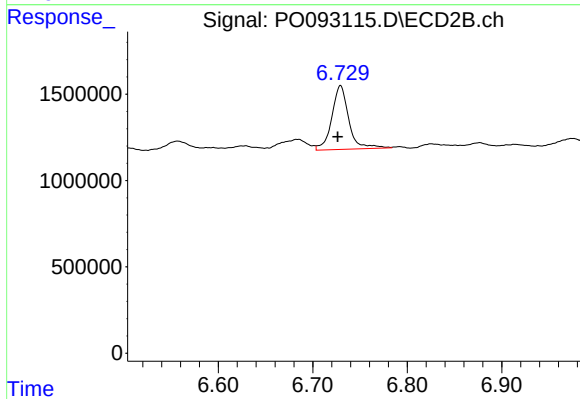
#35 AR-1260-5

R.T.: 7.271 min
Delta R.T.: 0.001 min
Response: 819870
Conc: 6.96 ng/ml



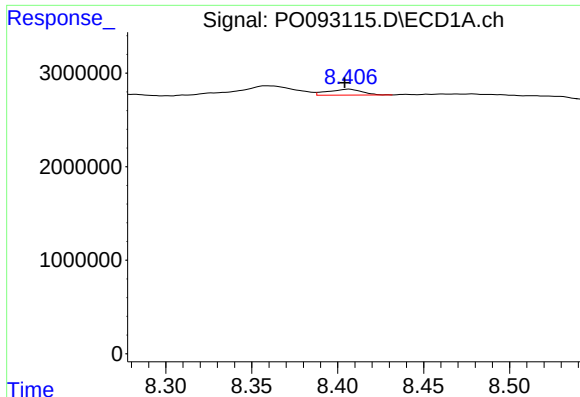
#36 AR-1262-1

R.T.: 7.794 min
Delta R.T.: 0.026 min
Response: 10179167
Conc: 102.40 ng/ml



#36 AR-1262-1

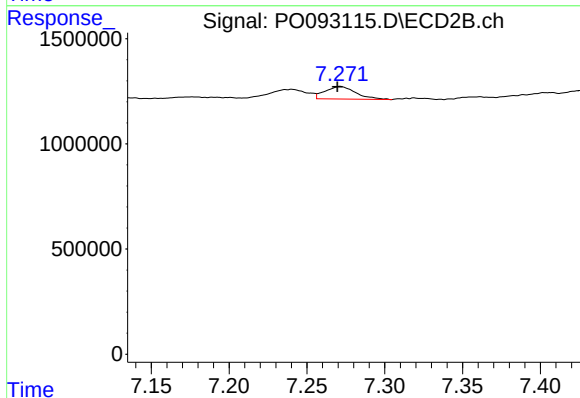
R.T.: 6.729 min
Delta R.T.: 0.003 min
Response: 4609534
Conc: 123.35 ng/ml



#37 AR-1262-2

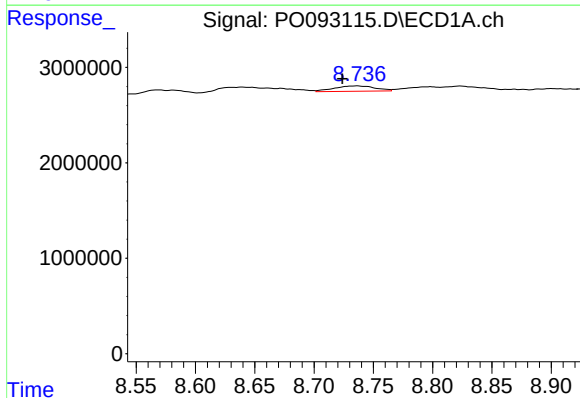
R.T.: 8.407 min
Delta R.T.: 0.003 min
Response: 873954
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



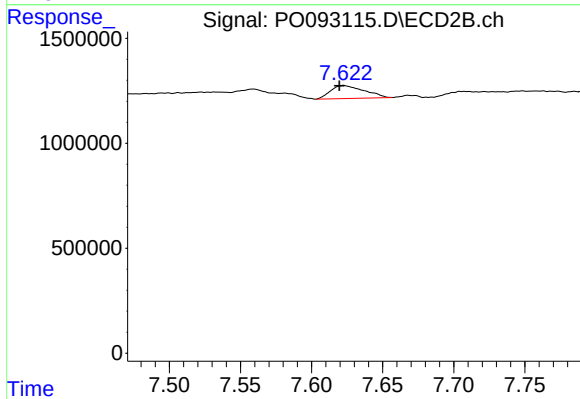
#37 AR-1262-2

R.T.: 7.271 min
Delta R.T.: 0.002 min
Response: 819870
Conc: 6.88 ng/ml



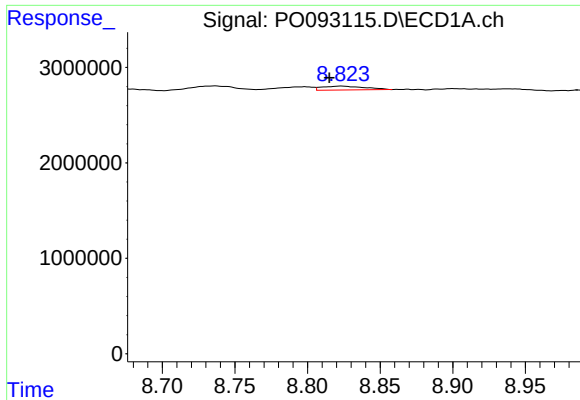
#38 AR-1262-3

R.T.: 8.736 min
Delta R.T.: 0.012 min
Response: 1363064
Conc: 8.07 ng/ml



#38 AR-1262-3

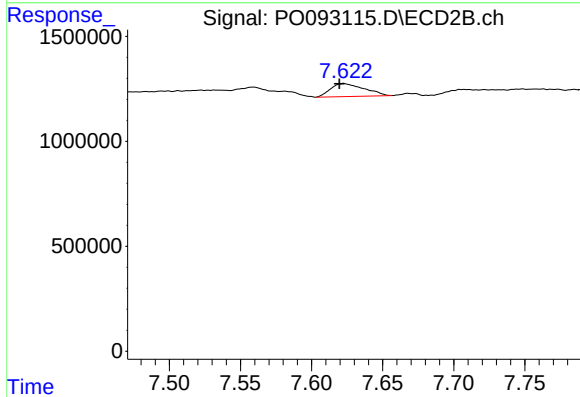
R.T.: 7.622 min
Delta R.T.: 0.003 min
Response: 1014430
Conc: 11.22 ng/ml



#39 AR-1262-4

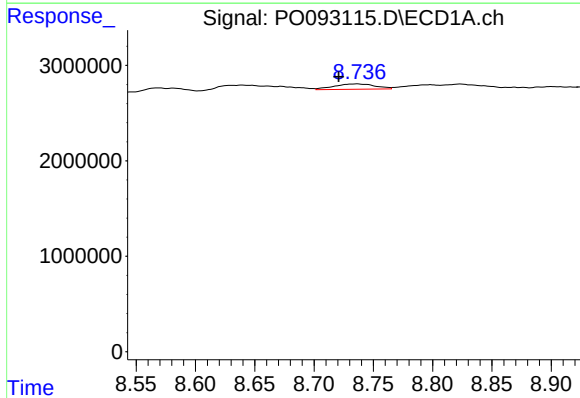
R.T.: 8.823 min
Delta R.T.: 0.008 min
Response: 837318
Conc: 9.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



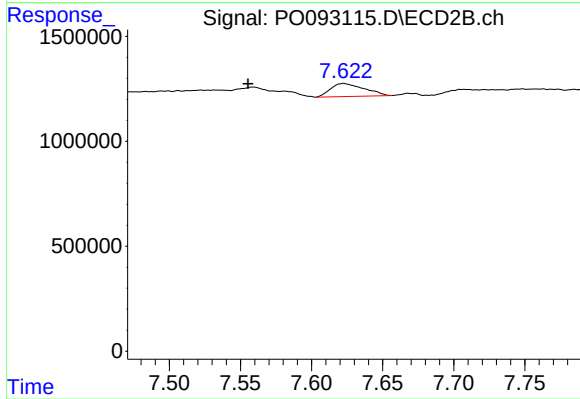
#39 AR-1262-4

R.T.: 7.622 min
Delta R.T.: 0.003 min
Response: 1014430
Conc: 11.22 ng/ml



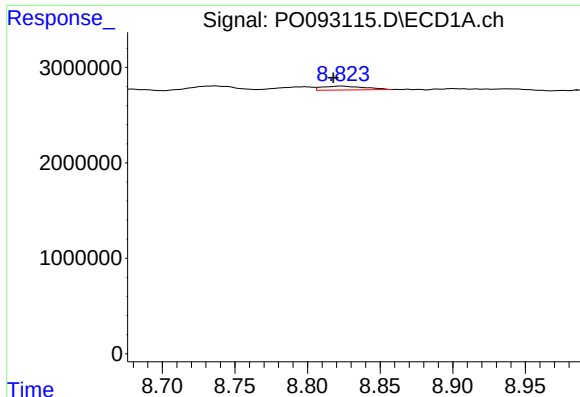
#41 AR-1268-1

R.T.: 8.736 min
Delta R.T.: 0.016 min
Response: 1363064
Conc: 4.27 ng/ml



#41 AR-1268-1

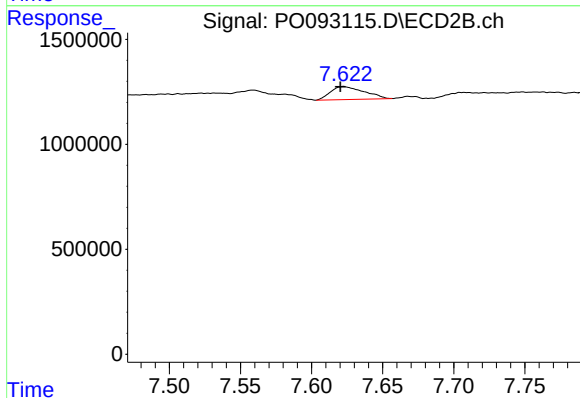
R.T.: 7.622 min
Delta R.T.: 0.067 min
Response: 1014430
Conc: 6.48 ng/ml



#42 AR-1268-2

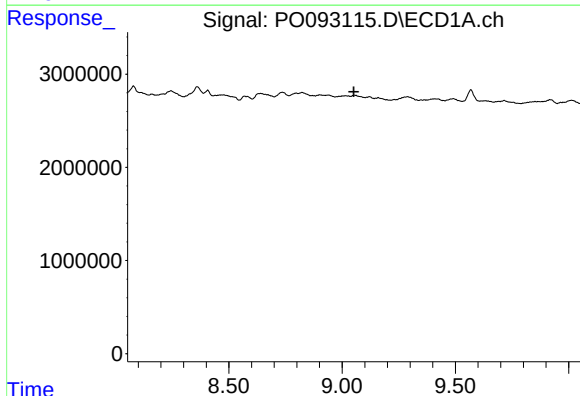
R.T.: 8.823 min
Delta R.T.: 0.006 min
Response: 837318
Conc: 2.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



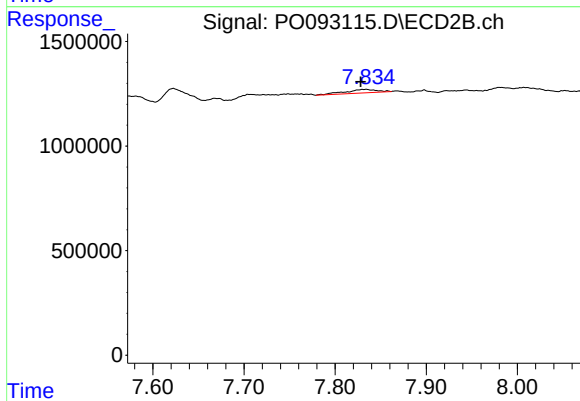
#42 AR-1268-2

R.T.: 7.622 min
Delta R.T.: 0.002 min
Response: 1014430
Conc: 7.27 ng/ml



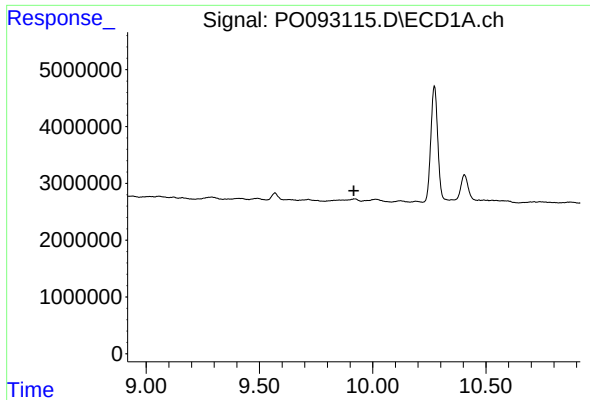
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.052 min
Response: 0
Conc: N.D.



#43 AR-1268-3

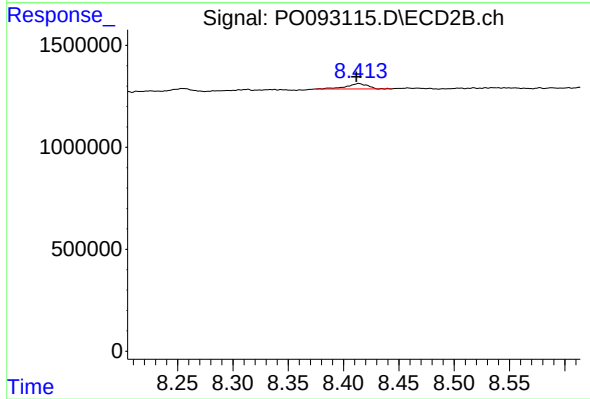
R.T.: 7.834 min
Delta R.T.: 0.006 min
Response: 396272
Conc: 3.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.917 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.414 min
Delta R.T.: 0.002 min
Response: 347653
Conc: 0.98 ng/ml