

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0042123\
 Data File : P0094500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 15:45
 Operator : YP/AJ
 Sample : 02403-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:02:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 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...	4.416	3.618	73872960	27992174	22.963	21.671
2)	SA Decachlor...	10.252	8.633	50078876	21841623	23.429	21.929
Target Compounds							
3)	L1 AR-1016-1	5.579	0.000	679349	0	7.465	N.D. #
4)	L1 AR-1016-2	5.632	0.000	1046287	0	7.455	N.D. #
5)	L1 AR-1016-3	5.674	0.000	1714492	0	18.988	N.D. #
6)	L1 AR-1016-4	5.725f	0.000	91628	0	1.342	N.D. #
7)	L1 AR-1016-5	6.072	0.000	811414	0	10.618	N.D. #
8)	L2 AR-1221-1	4.624	3.835	33785327	-61395	822.605	N.D. #
9)	L2 AR-1221-2	4.725	3.900	2048727	11922493	67.669	965.513 #
10)	L2 AR-1221-3	4.797	0.000	1942197	0	20.711	N.D. #
11)	L3 AR-1232-1	4.797	0.000	1942197	0	24.474	N.D. #
12)	L3 AR-1232-2	5.372f	0.000	595208	0	15.147	N.D. #
13)	L3 AR-1232-3	5.632	0.000	1046287	0	15.627	N.D. #
14)	L3 AR-1232-4	5.725f	0.000	91628	0	2.857	N.D. #
15)	L3 AR-1232-5	5.864	0.000	2971949	0	98.499	N.D. #
16)	L4 AR-1242-1	5.579	0.000	679349	0	8.594	N.D. #
17)	L4 AR-1242-2	5.632	0.000	1046287	0	8.621	N.D. #
18)	L4 AR-1242-3	5.674	0.000	1714492	0	21.877	N.D. #
19)	L4 AR-1242-4	5.725f	0.000	91628	0	1.571	N.D. #
20)	L4 AR-1242-5	6.536	0.000	720173	0	12.045	N.D. #
21)	L5 AR-1248-1	5.579	0.000	679349	0	11.267	N.D. #
22)	L5 AR-1248-2	5.864	0.000	2971949	0	28.798	N.D. #
23)	L5 AR-1248-3	6.072	0.000	811414	0	7.385	N.D. #
24)	L5 AR-1248-4	6.498	0.000	1544907	0	15.775	N.D. #
25)	L5 AR-1248-5	6.536	0.000	720173	0	6.862	N.D. #
26)	L6 AR-1254-1	6.469	0.000	259139	0	2.096	N.D. #
27)	L6 AR-1254-2	6.677	0.000	762230	0	4.210	N.D. #
28)	L6 AR-1254-3	7.019	0.000	480091	0	2.814	N.D. #
29)	L6 AR-1254-4	7.332	0.000	52459	0	0.557	N.D. #
30)	L6 AR-1254-5	7.763	0.000	16946	0	0.142	N.D. #
31)	L7 AR-1260-1	7.211	0.000	150587	0	1.127	N.D. #
32)	L7 AR-1260-2	7.495	0.000	752626	0	5.376	N.D. #
33)	L7 AR-1260-3	7.855	0.000	169735	0	1.488	N.D. #
34)	L7 AR-1260-4	8.047	0.000	287817	0	2.405	N.D. #
35)	L7 AR-1260-5	8.412	0.000	187532	0	0.909	N.D. #
36)	L8 AR-1262-1	7.855	0.000	169735	0	1.057	N.D. #
37)	L8 AR-1262-2	8.412	0.000	187532	0	0.858	N.D. #
38)	L8 AR-1262-3	8.699	0.000	42621	0	0.272	N.D. #
39)	L8 AR-1262-4	8.810	0.000	105802	0	1.149	N.D. #
40)	L8 AR-1262-5	9.490	0.000	206504	0	2.824	N.D. #
41)	L9 AR-1268-1	8.699	0.000	42621	0	0.134	N.D. #

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 Operator : YP/AJ
 Sample : 02403-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

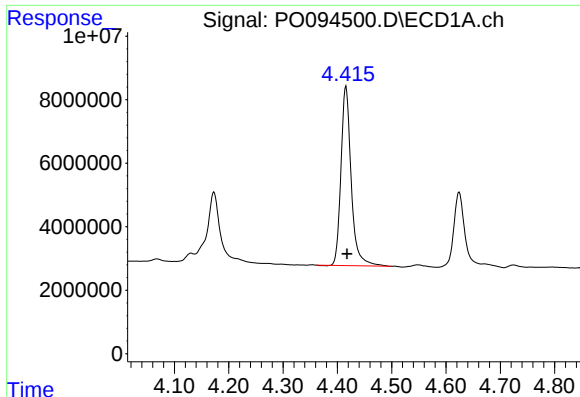
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:02:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	8.810	0.000	105802	0	0.375	N.D.	#
43)	L9 AR-1268-3	9.034	0.000	127433	0	0.483	N.D.	#
44)	L9 AR-1268-4	9.490	0.000	206504	0	2.448	N.D.	#
45)	L9 AR-1268-5	9.903	0.000	237796	0	0.297	N.D.	#

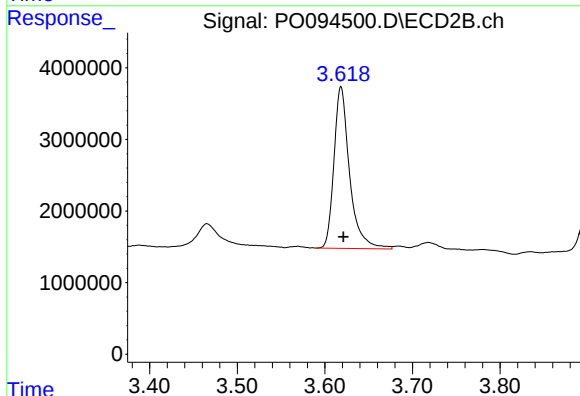
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

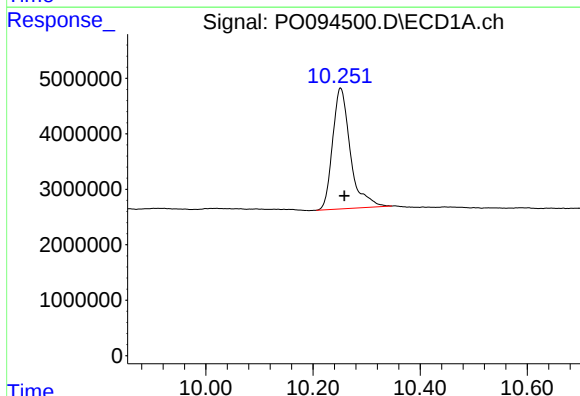
R.T.: 4.416 min
Delta R.T.: -0.002 min
Response: 73872960
Conc: 22.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



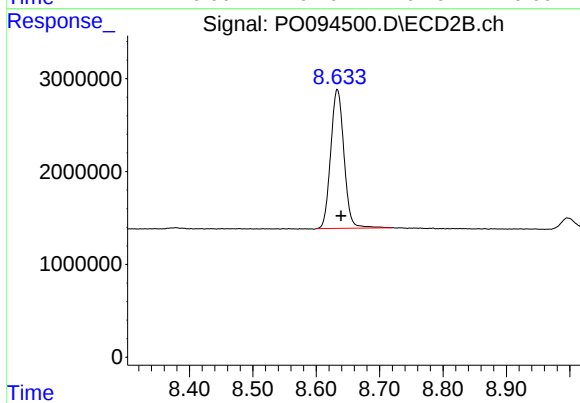
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 27992174
Conc: 21.67 ng/ml



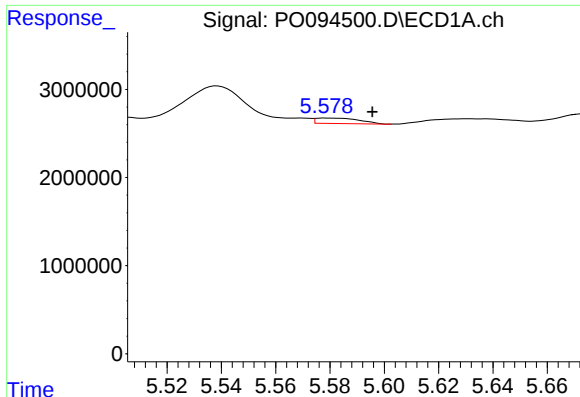
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.007 min
Response: 50078876
Conc: 23.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.006 min
Response: 21841623
Conc: 21.93 ng/ml



#3 AR-1016-1

R.T.: 5.579 min
Delta R.T.: -0.017 min
Response: 679349
Conc: 7.46 ng/ml

Instrument :
ECD_O
ClientSampleId :

#3 AR-1016-1

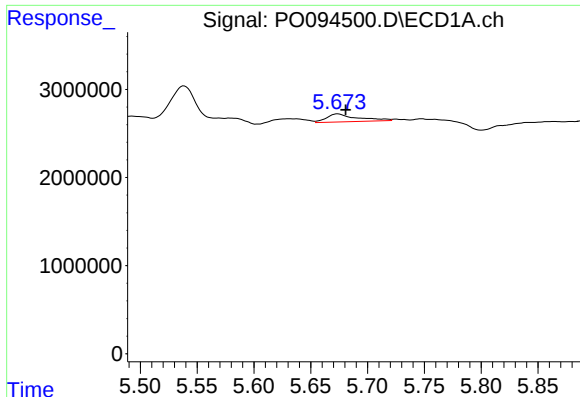
R.T.: 0.000 min
Exp R.T. : 4.703 min
Response: 0
Conc: N.D.

#4 AR-1016-2

R.T.: 5.632 min
Delta R.T.: 0.014 min
Response: 1046287
Conc: 7.45 ng/ml

#4 AR-1016-2

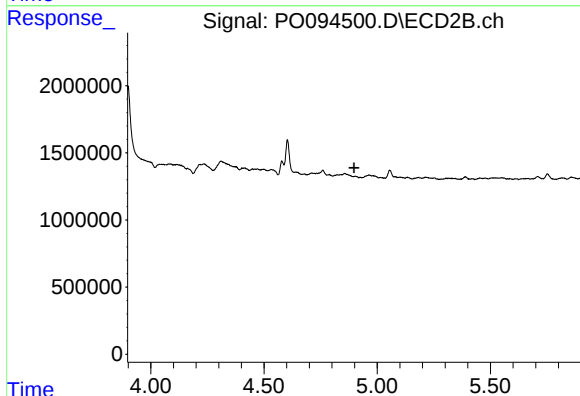
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#5 AR-1016-3

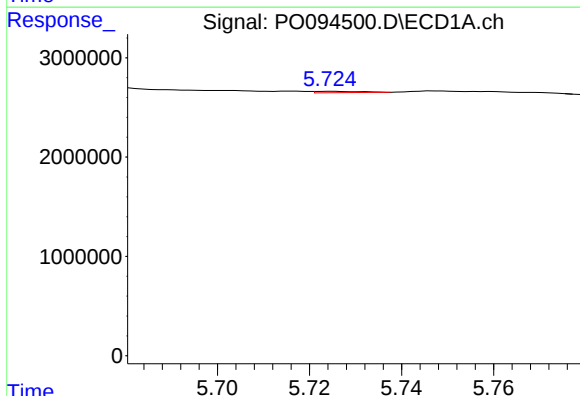
R.T.: 5.674 min
Delta R.T.: -0.007 min
Response: 1714492
Conc: 18.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



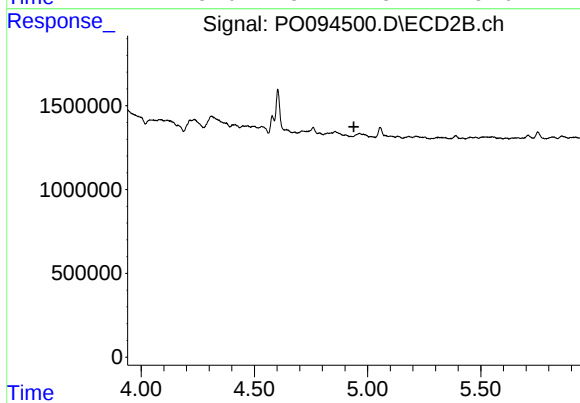
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



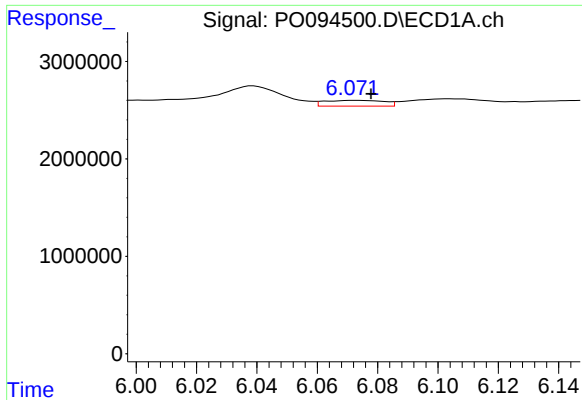
#6 AR-1016-4

R.T.: 5.725 min
Delta R.T.: -0.055 min
Response: 91628
Conc: 1.34 ng/ml



#6 AR-1016-4

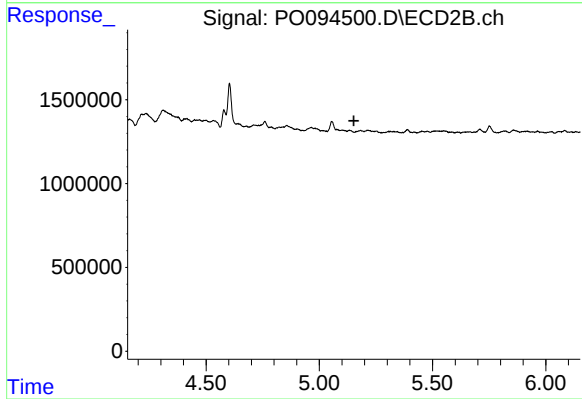
R.T.: 0.000 min
Exp R.T. : 4.940 min
Response: 0
Conc: N.D.



#7 AR-1016-5

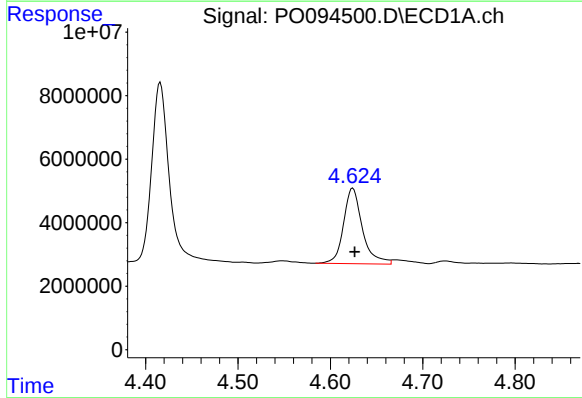
R.T.: 6.072 min
Delta R.T.: -0.006 min
Response: 811414
Conc: 10.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



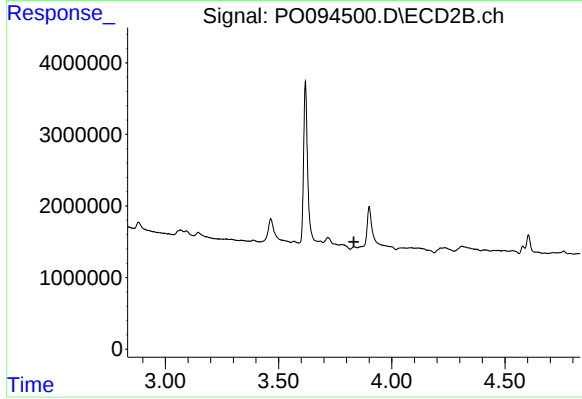
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.153 min
Response: 0
Conc: N.D.



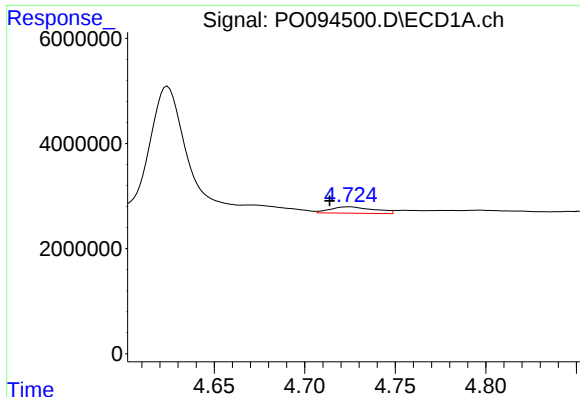
#8 AR-1221-1

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 33785327
Conc: 822.61 ng/ml



#8 AR-1221-1

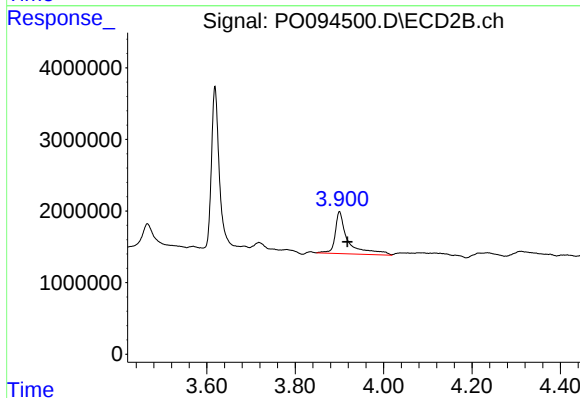
R.T.: 3.835 min
Delta R.T.: 0.002 min
Response: -61395
Conc: N.D.



#9 AR-1221-2

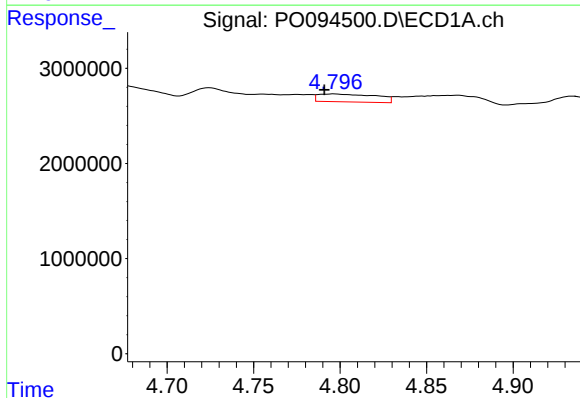
R.T.: 4.725 min
Delta R.T.: 0.011 min
Response: 2048727
Conc: 67.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



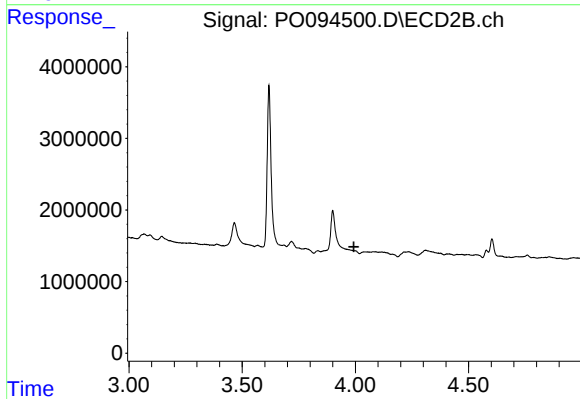
#9 AR-1221-2

R.T.: 3.900 min
Delta R.T.: -0.018 min
Response: 11922493
Conc: 965.51 ng/ml



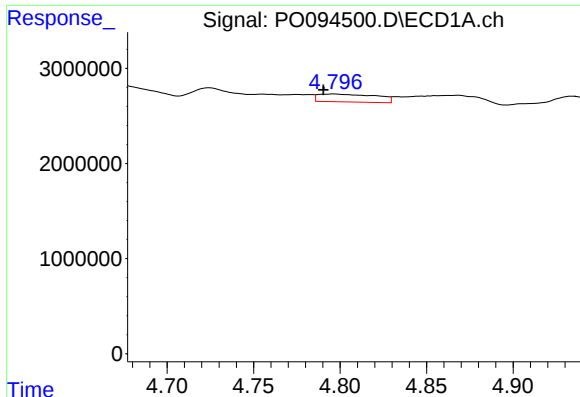
#10 AR-1221-3

R.T.: 4.797 min
Delta R.T.: 0.006 min
Response: 1942197
Conc: 20.71 ng/ml



#10 AR-1221-3

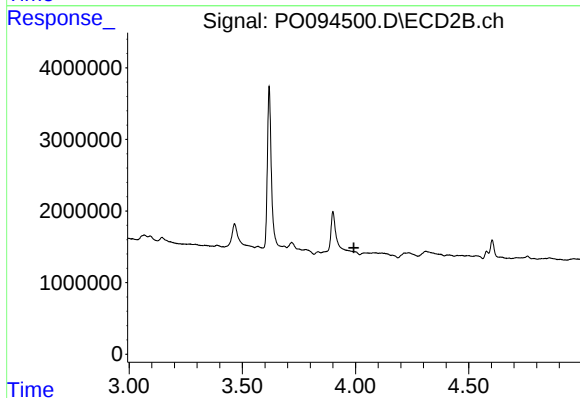
R.T.: 0.000 min
Exp R.T. : 3.994 min
Response: 0
Conc: N.D.



#11 AR-1232-1

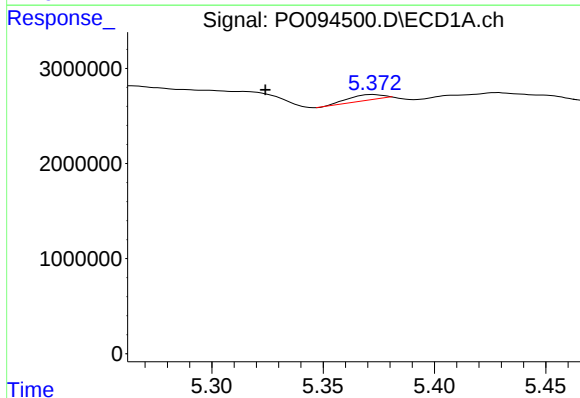
R.T.: 4.797 min
Delta R.T.: 0.006 min
Response: 1942197
Conc: 24.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



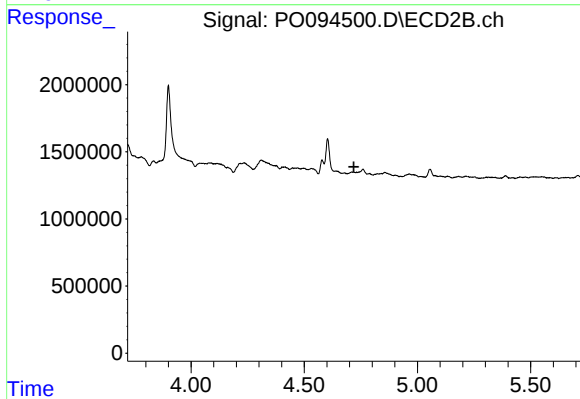
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.993 min
Response: 0
Conc: N.D.



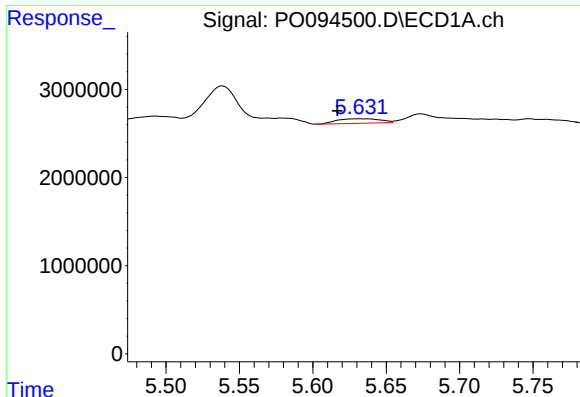
#12 AR-1232-2

R.T.: 5.372 min
Delta R.T.: 0.048 min
Response: 595208
Conc: 15.15 ng/ml



#12 AR-1232-2

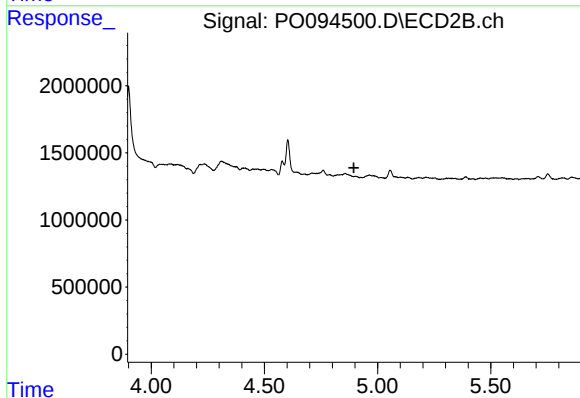
R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



#13 AR-1232-3

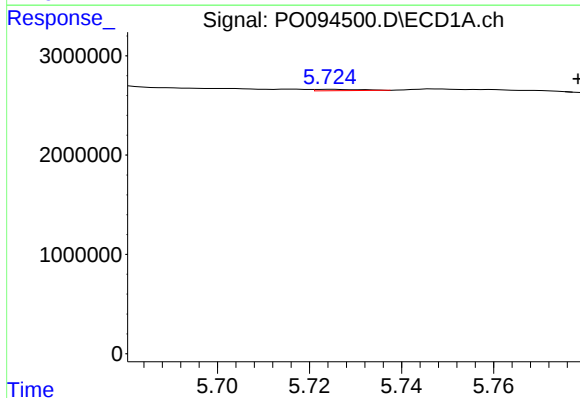
R.T.: 5.632 min
Delta R.T.: 0.015 min
Response: 1046287
Conc: 15.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



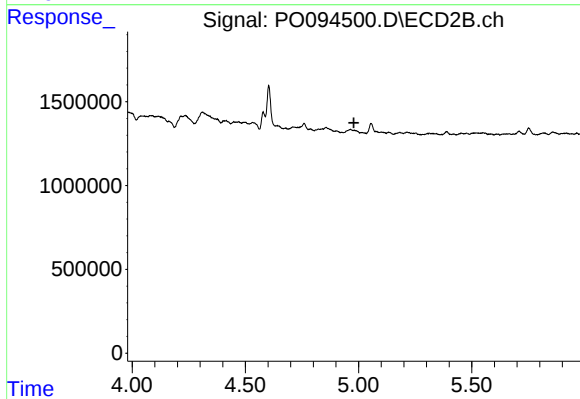
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.895 min
Response: 0
Conc: N.D.



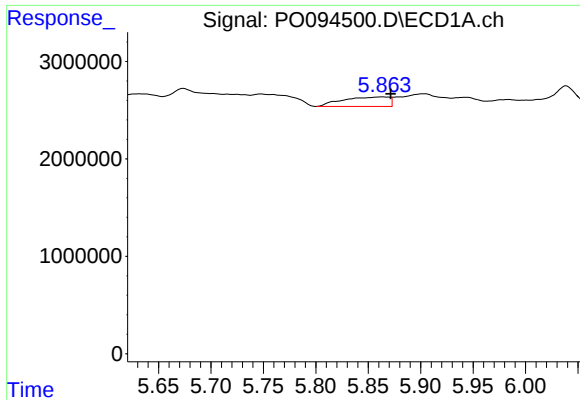
#14 AR-1232-4

R.T.: 5.725 min
Delta R.T.: -0.053 min
Response: 91628
Conc: 2.86 ng/ml



#14 AR-1232-4

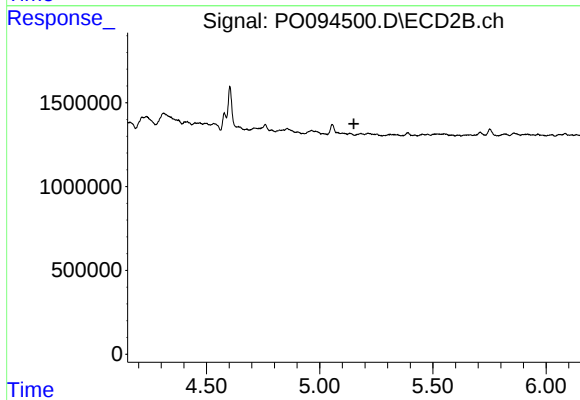
R.T.: 0.000 min
Exp R.T. : 4.979 min
Response: 0
Conc: N.D.



#15 AR-1232-5

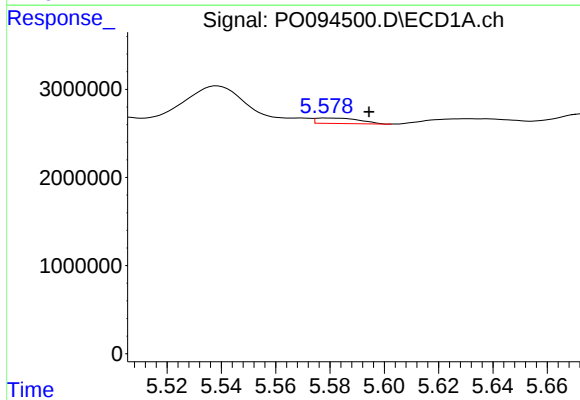
R.T.: 5.864 min
Delta R.T.: -0.008 min
Response: 2971949
Conc: 98.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



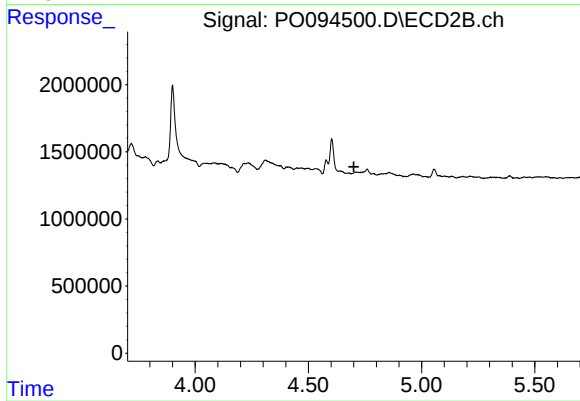
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.151 min
Response: 0
Conc: N.D.



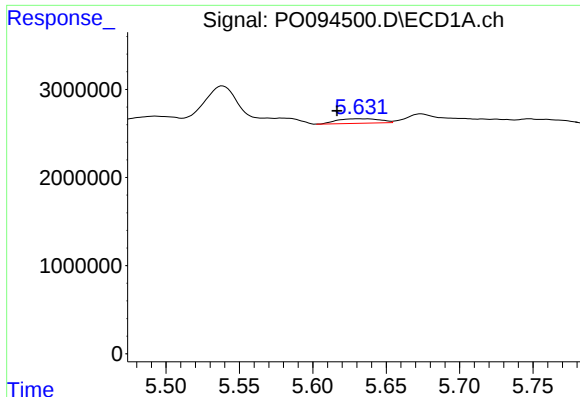
#16 AR-1242-1

R.T.: 5.579 min
Delta R.T.: -0.016 min
Response: 679349
Conc: 8.59 ng/ml



#16 AR-1242-1

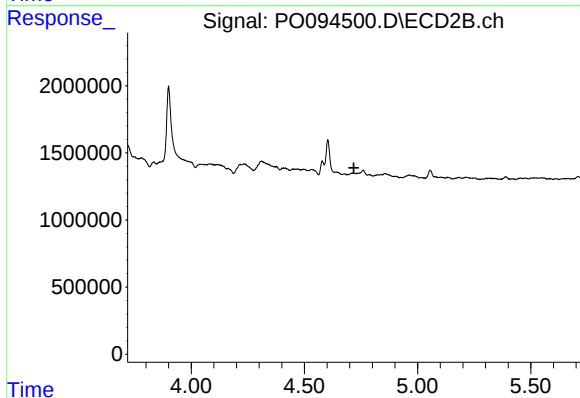
R.T.: 0.000 min
Exp R.T. : 4.701 min
Response: 0
Conc: N.D.



#17 AR-1242-2

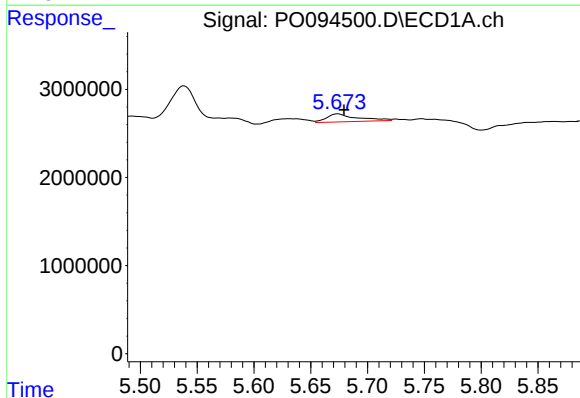
R.T.: 5.632 min
Delta R.T.: 0.015 min
Response: 1046287
Conc: 8.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



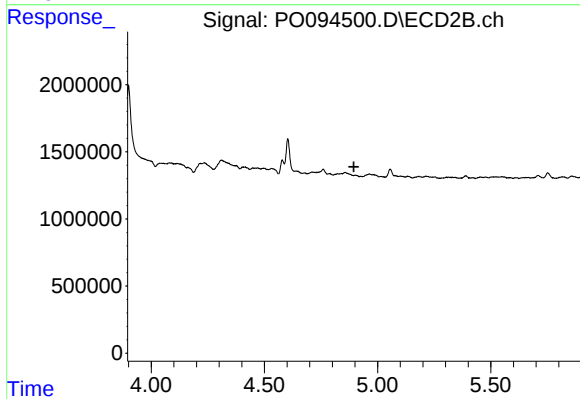
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



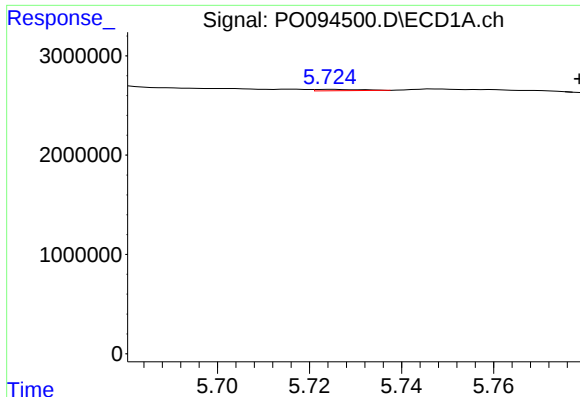
#18 AR-1242-3

R.T.: 5.674 min
Delta R.T.: -0.006 min
Response: 1714492
Conc: 21.88 ng/ml



#18 AR-1242-3

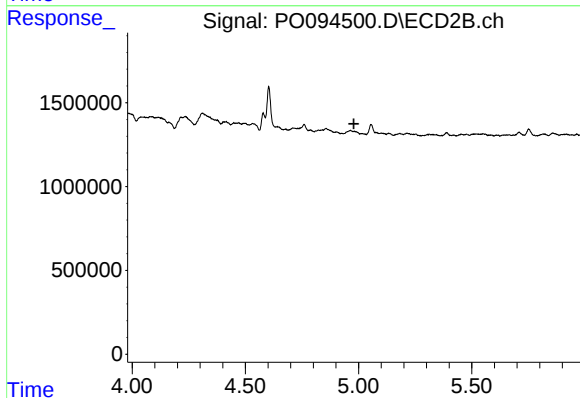
R.T.: 0.000 min
Exp R.T. : 4.895 min
Response: 0
Conc: N.D.



#19 AR-1242-4

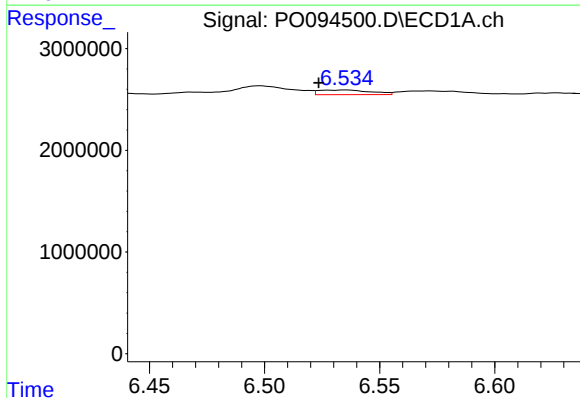
R.T.: 5.725 min
Delta R.T.: -0.054 min
Response: 91628
Conc: 1.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



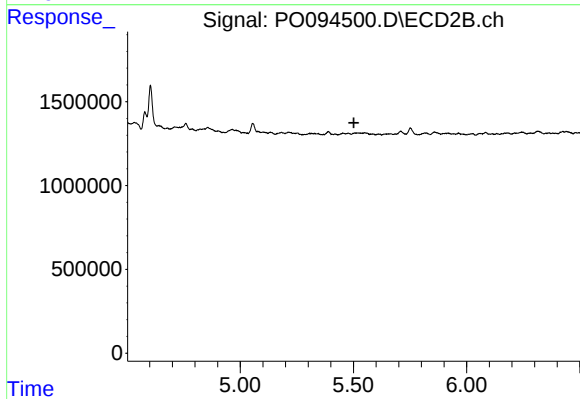
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.979 min
Response: 0
Conc: N.D.



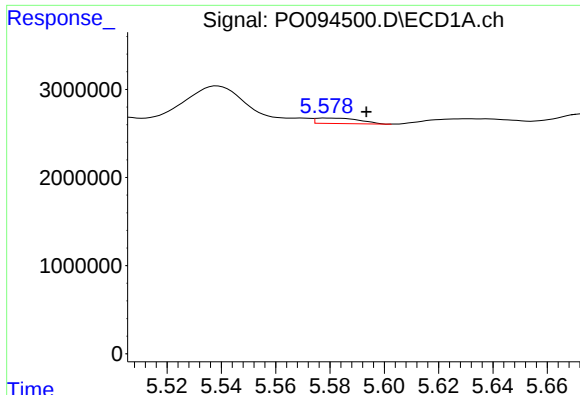
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.012 min
Response: 720173
Conc: 12.04 ng/ml



#20 AR-1242-5

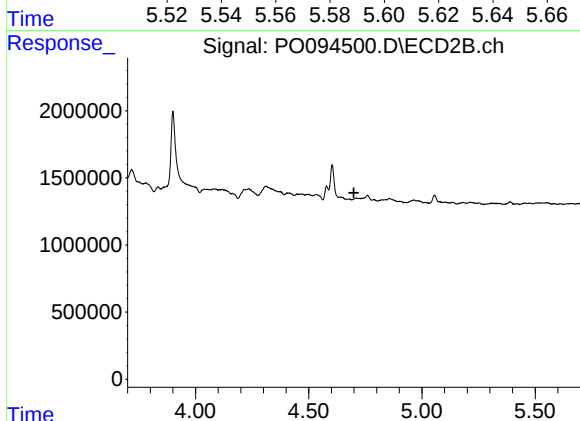
R.T.: 0.000 min
Exp R.T. : 5.502 min
Response: 0
Conc: N.D.



#21 AR-1248-1

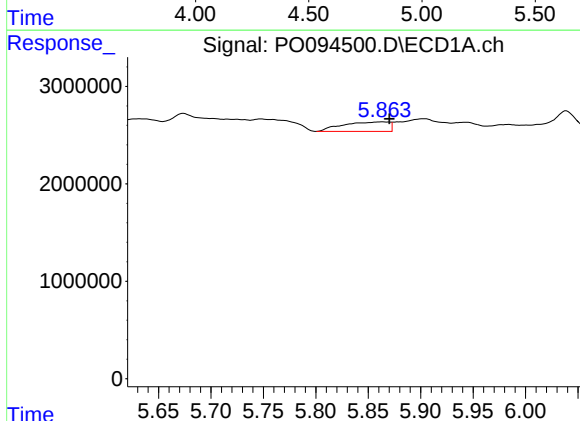
R.T.: 5.579 min
Delta R.T.: -0.015 min
Response: 679349
Conc: 11.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



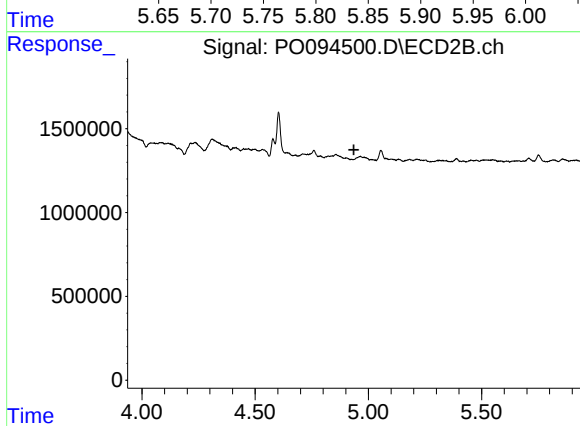
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.700 min
Response: 0
Conc: N.D.



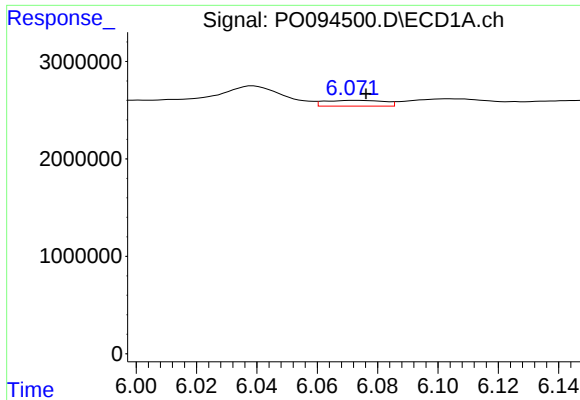
#22 AR-1248-2

R.T.: 5.864 min
Delta R.T.: -0.006 min
Response: 2971949
Conc: 28.80 ng/ml



#22 AR-1248-2

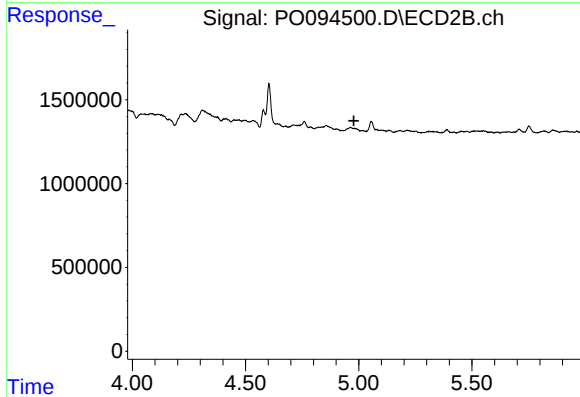
R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



#23 AR-1248-3

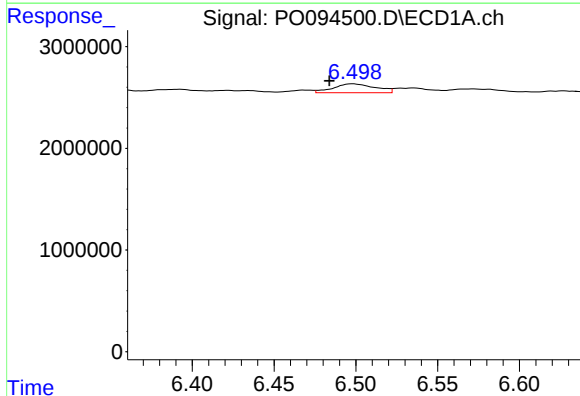
R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 811414
Conc: 7.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



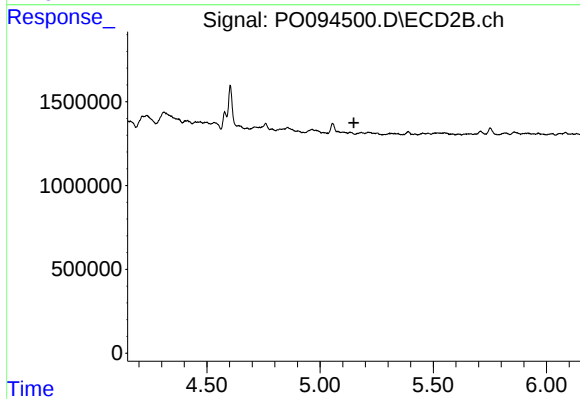
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.978 min
Response: 0
Conc: N.D.



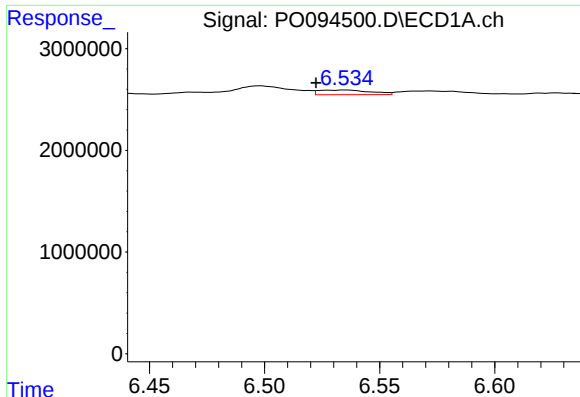
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.014 min
Response: 1544907
Conc: 15.77 ng/ml



#24 AR-1248-4

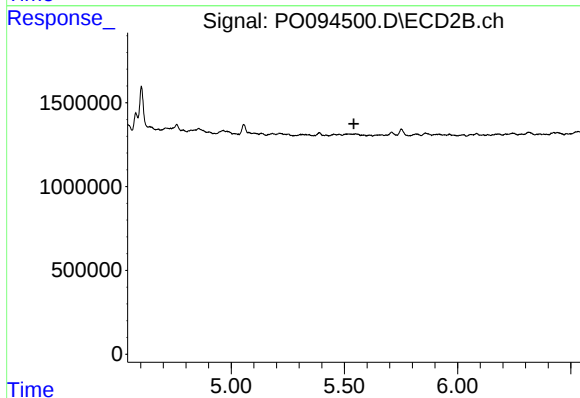
R.T.: 0.000 min
Exp R.T. : 5.149 min
Response: 0
Conc: N.D.



#25 AR-1248-5

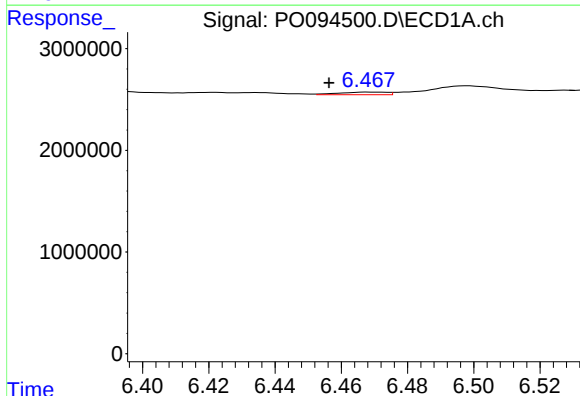
R.T.: 6.536 min
Delta R.T.: 0.013 min
Response: 720173
Conc: 6.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



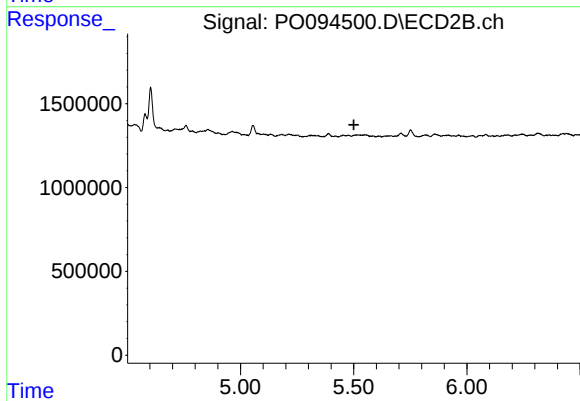
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.542 min
Response: 0
Conc: N.D.



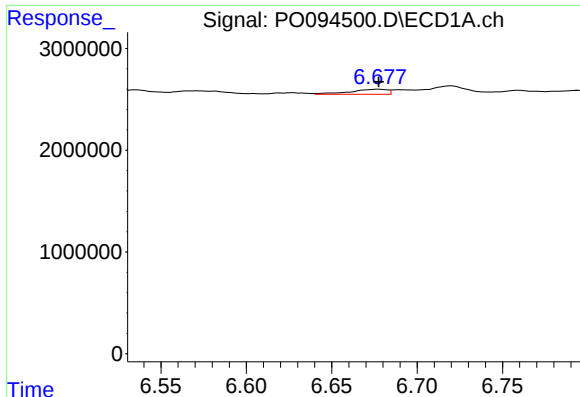
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: 0.012 min
Response: 259139
Conc: 2.10 ng/ml



#26 AR-1254-1

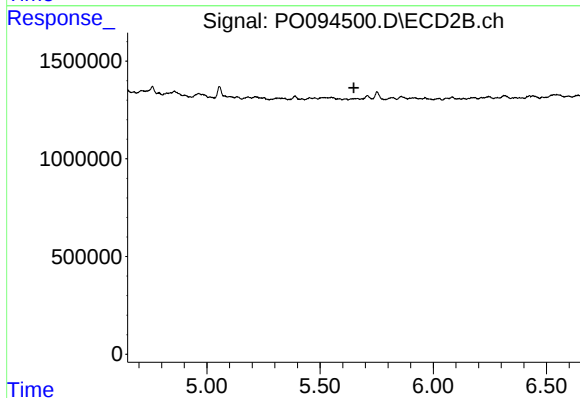
R.T.: 0.000 min
Exp R.T. : 5.501 min
Response: 0
Conc: N.D.



#27 AR-1254-2

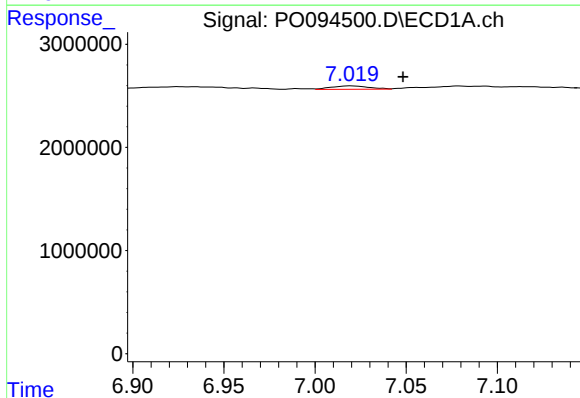
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 762230
Conc: 4.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



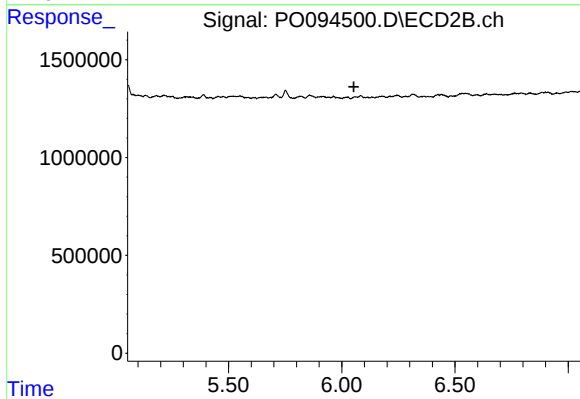
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.649 min
Response: 0
Conc: N.D.



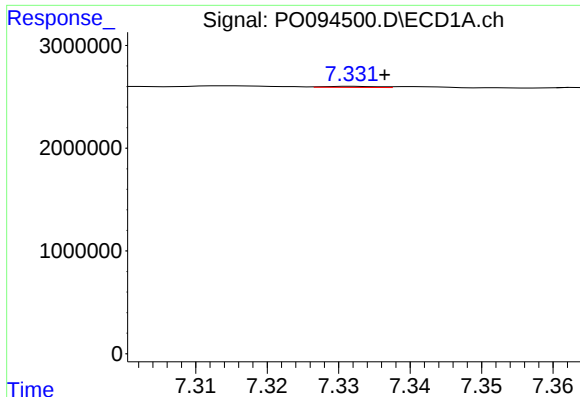
#28 AR-1254-3

R.T.: 7.019 min
Delta R.T.: -0.029 min
Response: 480091
Conc: 2.81 ng/ml



#28 AR-1254-3

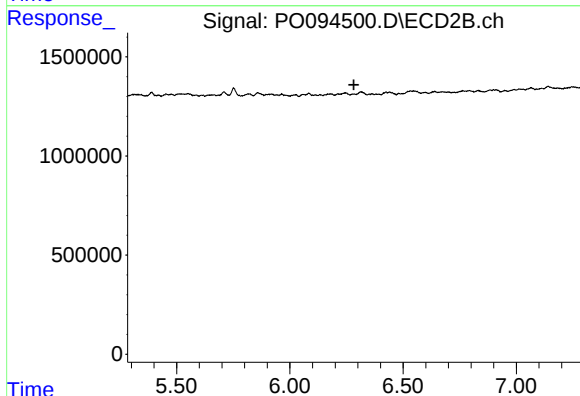
R.T.: 0.000 min
Exp R.T. : 6.053 min
Response: 0
Conc: N.D.



#29 AR-1254-4

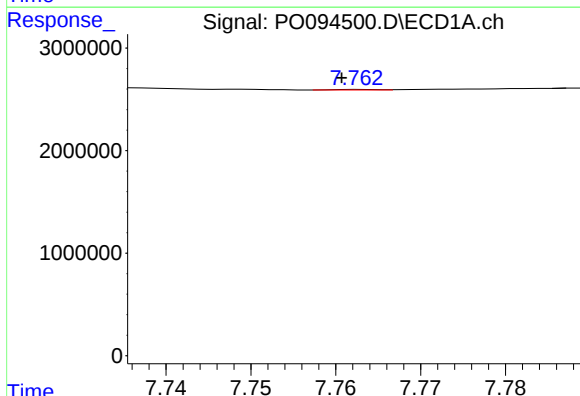
R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 52459
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



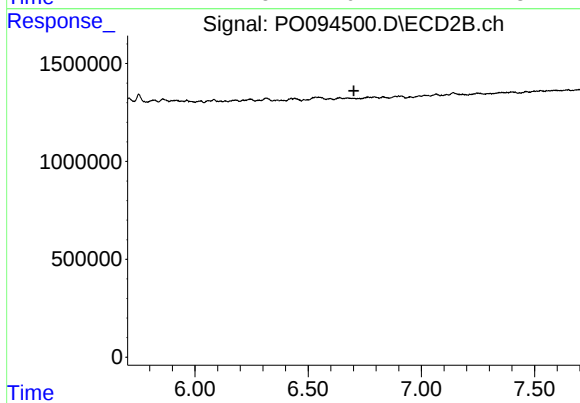
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.283 min
Response: 0
Conc: N.D.



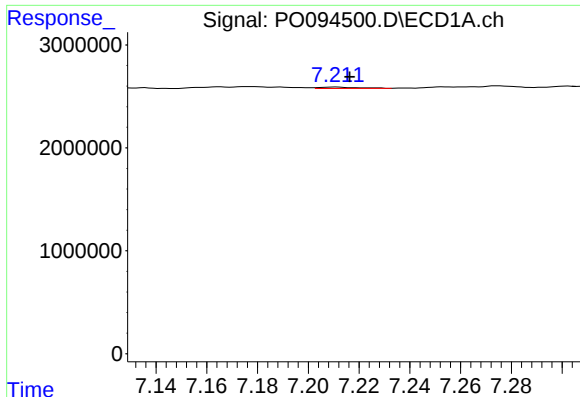
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: 0.002 min
Response: 16946
Conc: 0.14 ng/ml



#30 AR-1254-5

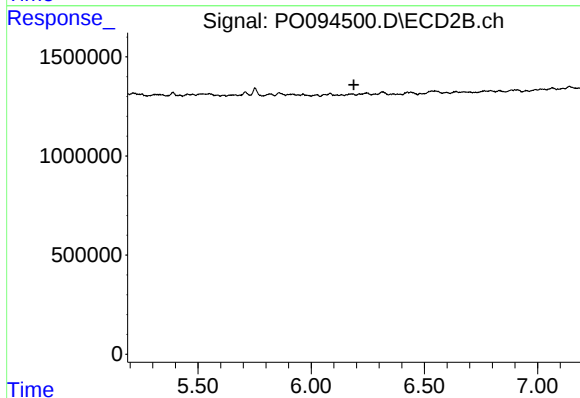
R.T.: 0.000 min
Exp R.T. : 6.702 min
Response: 0
Conc: N.D.



#31 AR-1260-1

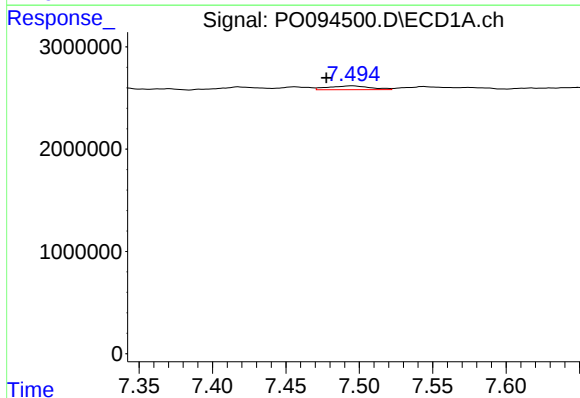
R.T.: 7.211 min
Delta R.T.: -0.005 min
Response: 150587
Conc: 1.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



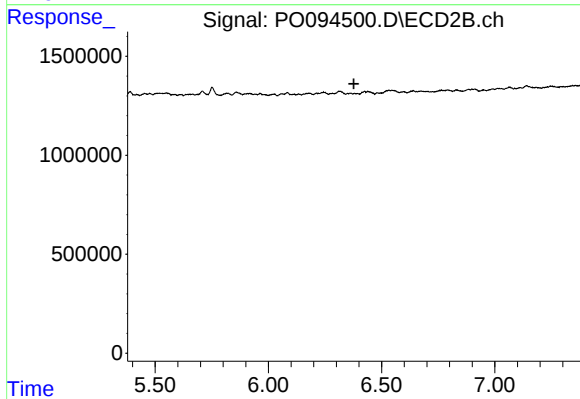
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.



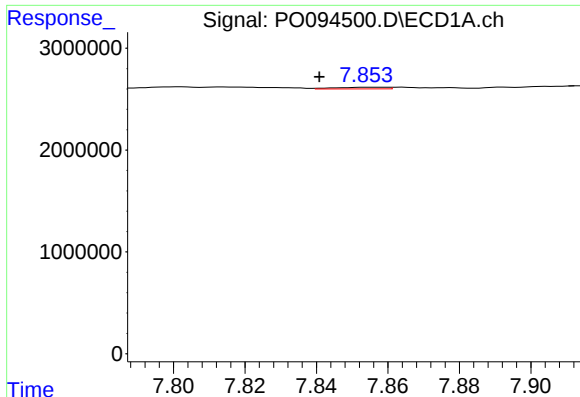
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: 0.018 min
Response: 752626
Conc: 5.38 ng/ml



#32 AR-1260-2

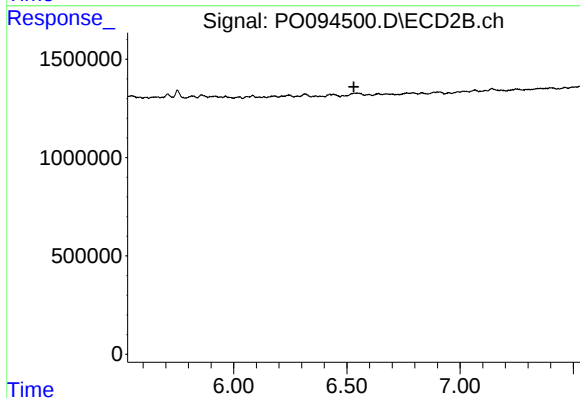
R.T.: 0.000 min
Exp R.T. : 6.378 min
Response: 0
Conc: N.D.



#33 AR-1260-3

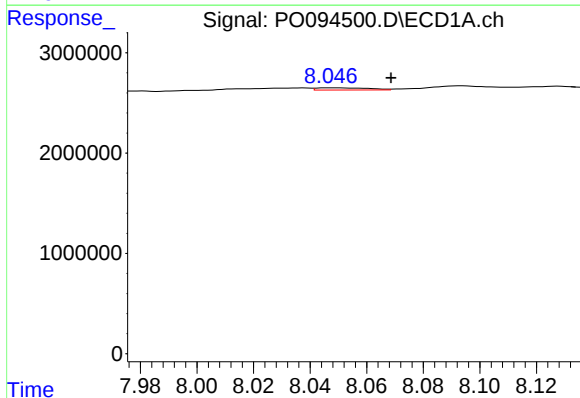
R.T.: 7.855 min
Delta R.T.: 0.014 min
Response: 169735
Conc: 1.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



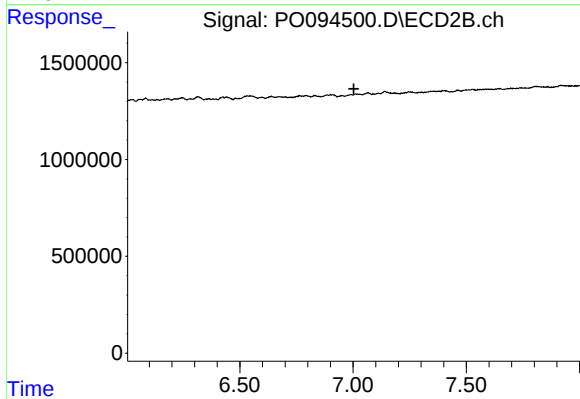
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.531 min
Response: 0
Conc: N.D.



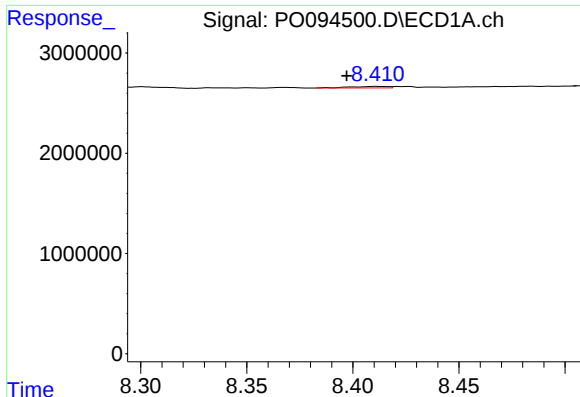
#34 AR-1260-4

R.T.: 8.047 min
Delta R.T.: -0.022 min
Response: 287817
Conc: 2.40 ng/ml



#34 AR-1260-4

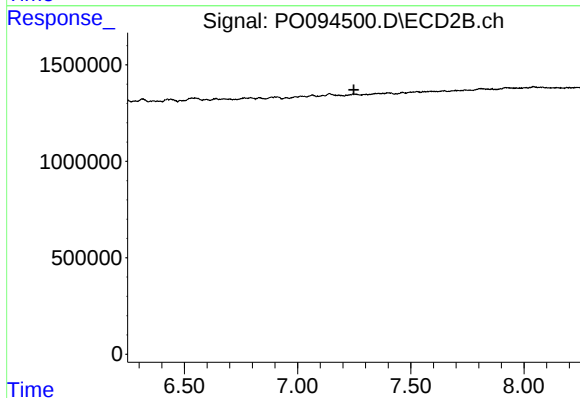
R.T.: 0.000 min
Exp R.T. : 7.004 min
Response: 0
Conc: N.D.



#35 AR-1260-5

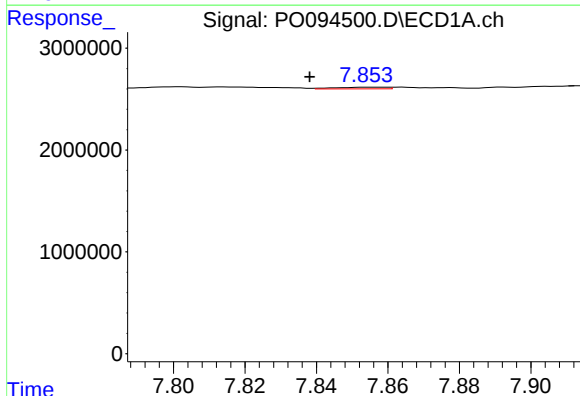
R.T.: 8.412 min
Delta R.T.: 0.015 min
Response: 187532
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



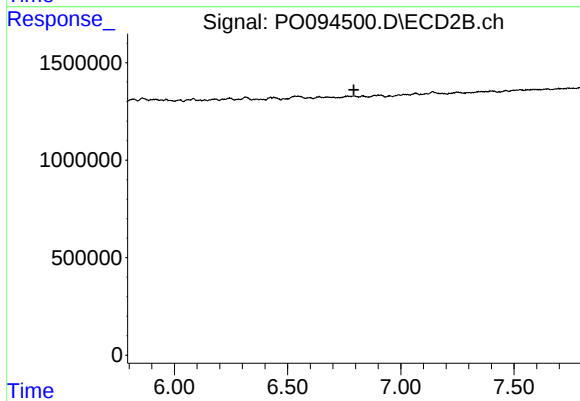
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.248 min
Response: 0
Conc: N.D.



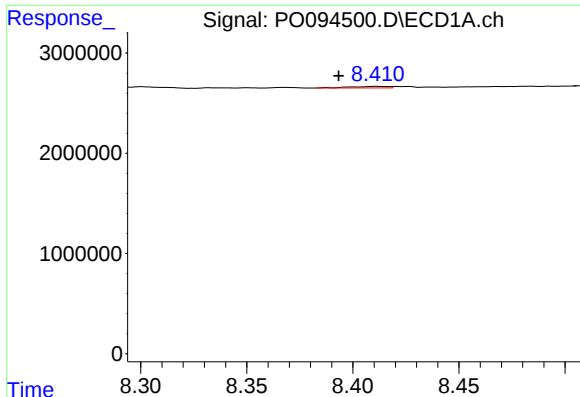
#36 AR-1262-1

R.T.: 7.855 min
Delta R.T.: 0.017 min
Response: 169735
Conc: 1.06 ng/ml



#36 AR-1262-1

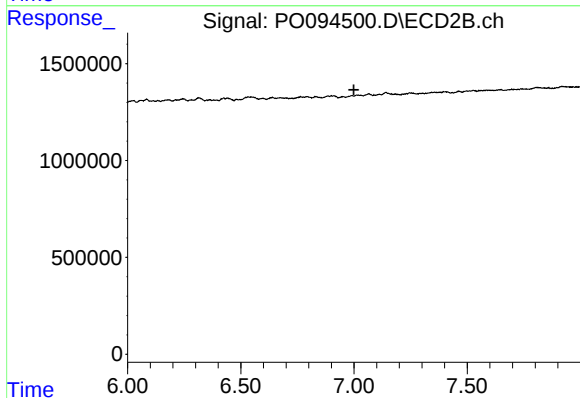
R.T.: 0.000 min
Exp R.T. : 6.793 min
Response: 0
Conc: N.D.



#37 AR-1262-2

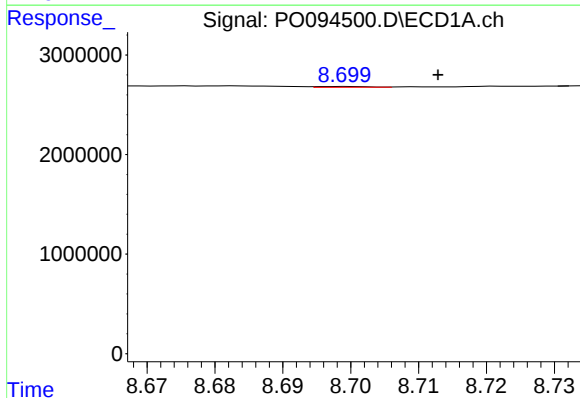
R.T.: 8.412 min
Delta R.T.: 0.018 min
Response: 187532
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



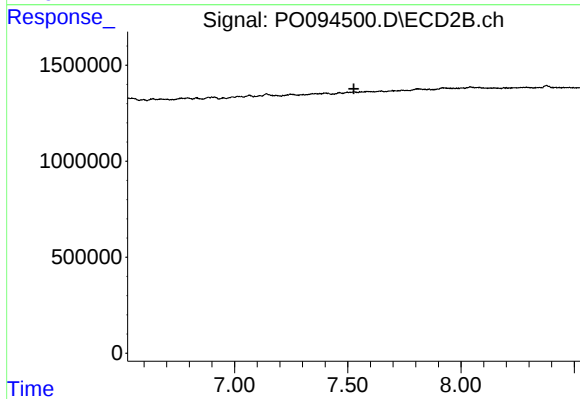
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



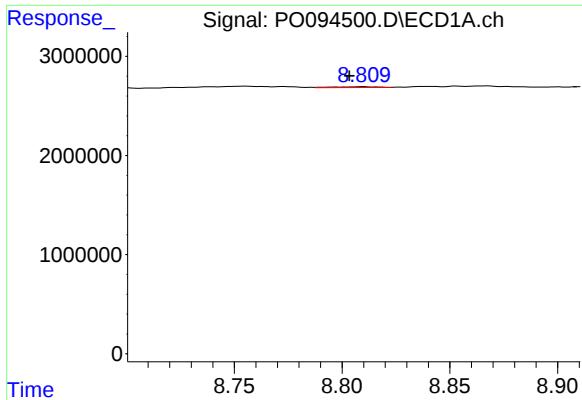
#38 AR-1262-3

R.T.: 8.699 min
Delta R.T.: -0.014 min
Response: 42621
Conc: 0.27 ng/ml



#38 AR-1262-3

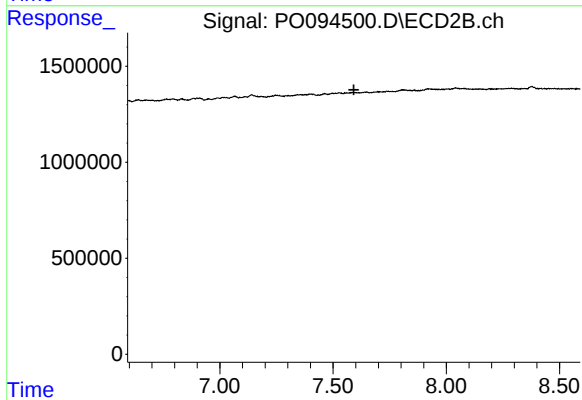
R.T.: 0.000 min
Exp R.T. : 7.527 min
Response: 0
Conc: N.D.



#39 AR-1262-4

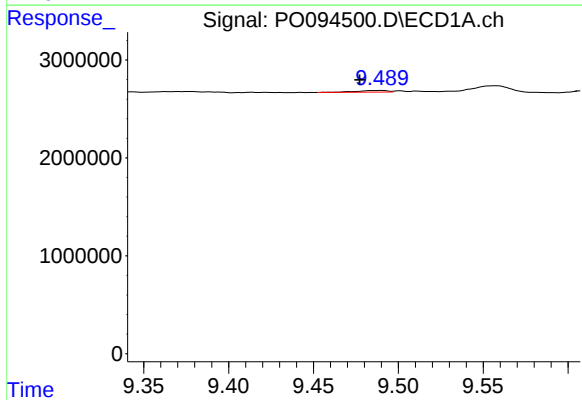
R.T.: 8.810 min
Delta R.T.: 0.006 min
Response: 105802
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



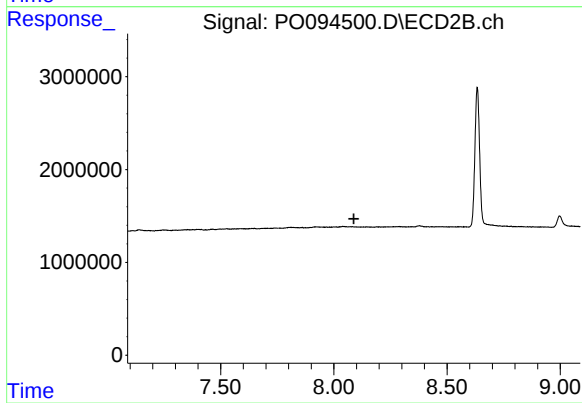
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



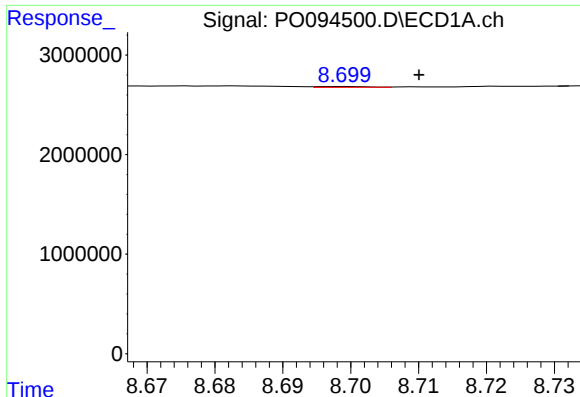
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: 0.013 min
Response: 206504
Conc: 2.82 ng/ml



#40 AR-1262-5

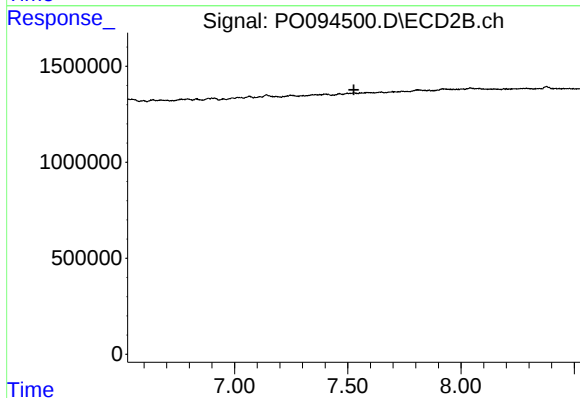
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

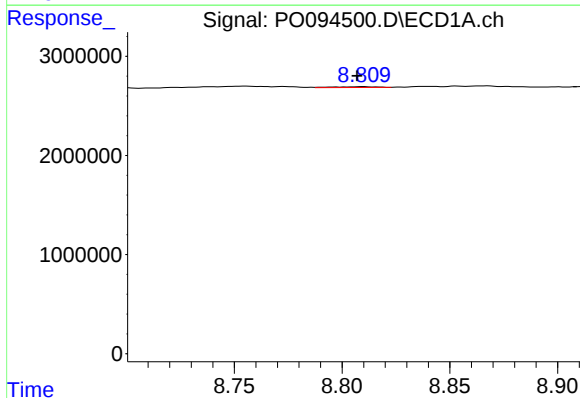
R.T.: 8.699 min
Delta R.T.: -0.011 min
Response: 42621
Conc: 0.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



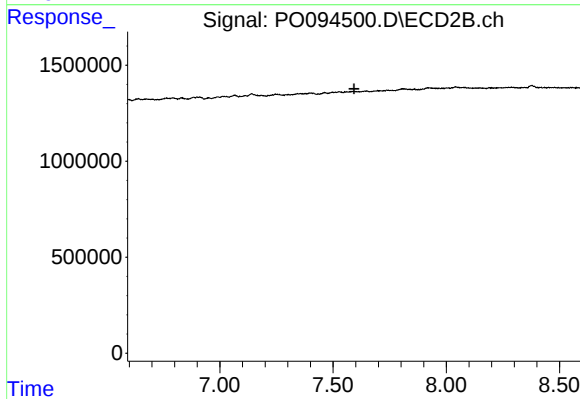
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.527 min
Response: 0
Conc: N.D.



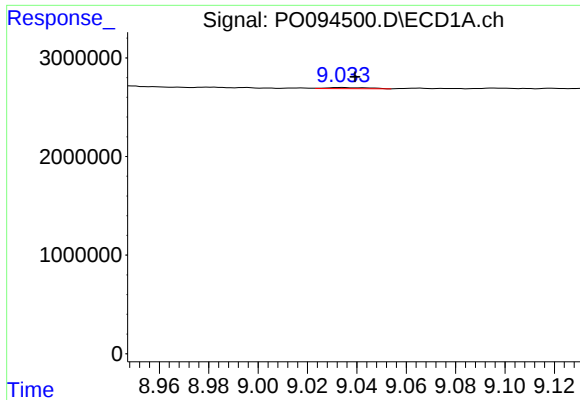
#42 AR-1268-2

R.T.: 8.810 min
Delta R.T.: 0.003 min
Response: 105802
Conc: 0.38 ng/ml



#42 AR-1268-2

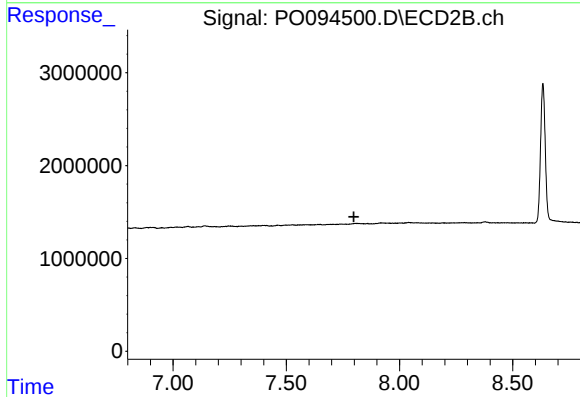
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#43 AR-1268-3

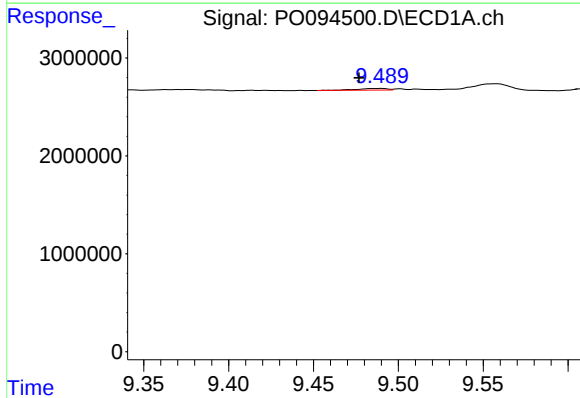
R.T.: 9.034 min
Delta R.T.: -0.005 min
Response: 127433
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



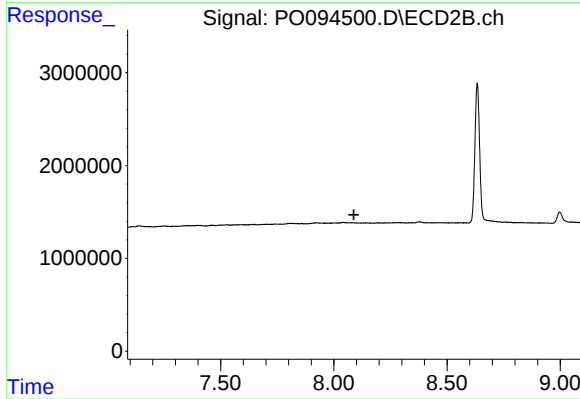
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.799 min
Response: 0
Conc: N.D.



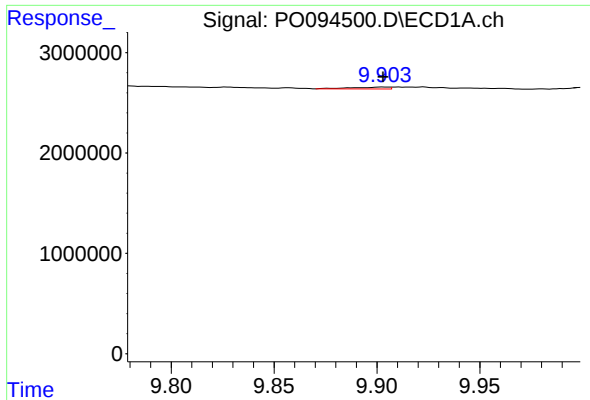
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: 0.013 min
Response: 206504
Conc: 2.45 ng/ml



#44 AR-1268-4

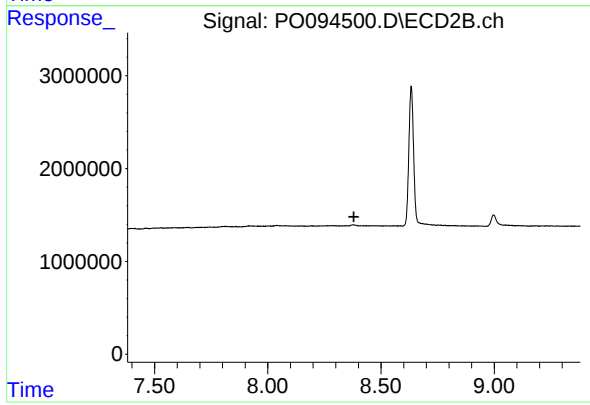
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.903 min
Delta R.T.: 0.000 min
Response: 237796
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.380 min
Response: 0
Conc: N.D.