

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040723\
 Data File : P0094002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 12:28
 Operator : YP/AJ
 Sample : 02213-09
 Misc : AR1268 MDL 25 PPB
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 13:41:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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...	4.417	3.621	75825661	27567112	20.284	21.648
2)	SA Decachlor...	10.236	8.639	62089635	27838144	27.757	27.844
Target Compounds							
3)	L1 AR-1016-1	5.598	0.000	149257	0	1.460	N.D. #
4)	L1 AR-1016-2	5.614	0.000	168563	0	1.082	N.D. #
5)	L1 AR-1016-3	5.672	0.000	396091	0	4.016	N.D. #
6)	L1 AR-1016-4	5.780	0.000	44661	0	0.607	N.D. #
7)	L1 AR-1016-5	6.089	0.000	330519	0	3.904	N.D. #
8)	L2 AR-1221-1	4.623	0.000	128394	0	2.784	N.D. #
9)	L2 AR-1221-2	4.725	3.919	1037010	304475	30.210	25.798
10)	L2 AR-1221-3	4.801	0.000	59096	0	0.564	N.D. #
11)	L3 AR-1232-1	4.801	0.000	59096	0	0.677	N.D. #
12)	L3 AR-1232-2	5.332	0.000	8895	0	0.208	N.D. #
13)	L3 AR-1232-3	5.614	0.000	168563	0	2.295	N.D. #
14)	L3 AR-1232-4	5.780	0.000	44661	0	1.297	N.D. #
15)	L3 AR-1232-5	5.878	0.000	199823	0	6.291	N.D. #
16)	L4 AR-1242-1	5.598	0.000	149257	0	1.710	N.D. #
17)	L4 AR-1242-2	5.614	0.000	168563	0	1.268	N.D. #
18)	L4 AR-1242-3	5.672	0.000	396091	0	4.666	N.D. #
19)	L4 AR-1242-4	5.780	0.000	44661	0	0.715	N.D. #
20)	L4 AR-1242-5	6.520	0.000	211906	0	3.147	N.D. #
21)	L5 AR-1248-1	5.598	0.000	149257	0	2.218	N.D. #
22)	L5 AR-1248-2	5.878	0.000	199823	0	1.827	N.D. #
23)	L5 AR-1248-3	6.089	0.000	330519	0	2.738	N.D. #
24)	L5 AR-1248-4	6.483	0.000	482768	0	4.495	N.D. #
25)	L5 AR-1248-5	6.520	0.000	211906	0	1.826	N.D. #
26)	L6 AR-1254-1	6.483	0.000	482768	0	3.560	N.D. #
27)	L6 AR-1254-2	6.676	0.000	164814	0	0.843	N.D. #
28)	L6 AR-1254-3	7.046	0.000	459237	0	2.486	N.D. #
29)	L6 AR-1254-4	7.338	0.000	15916	0	0.157	N.D. #
30)	L6 AR-1254-5	7.769	6.745	1578866	1028468	11.643	14.254
31)	L7 AR-1260-1	7.212	0.000	55549	0	0.381	N.D. #
32)	L7 AR-1260-2	7.488	0.000	742410	0	4.638	N.D. #
33)	L7 AR-1260-3	7.832	0.000	2279811	0	17.170	N.D. #
34)	L7 AR-1260-4	8.081	7.001	4100866	1401708	29.772	25.241
35)	L7 AR-1260-5	8.384	7.248	1472453	562251	6.761	5.418
36)	L8 AR-1262-1	7.832	6.745f	2279811	1028468	13.346	29.395 #
37)	L8 AR-1262-2	8.384	7.001	1472453	1401708	6.334	19.839 #
38)	L8 AR-1262-3	8.702	7.532	10961334	5661756	66.917	113.160 #
39)	L8 AR-1262-4	8.796	7.597	11281042	4814637	112.592	58.056 #
40)	L8 AR-1262-5	9.466	8.093	3798442	1234118	47.194	37.937
41)	L9 AR-1268-1	8.702	7.532	10961334	5661756	32.569	37.063

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Acq On : 08 Apr 2023 12:28
Operator : YP/AJ
Sample : 02213-09
Misc : AR1268 MDL 25 PPB
ALS Vial : 65 Sample Multiplier: 1

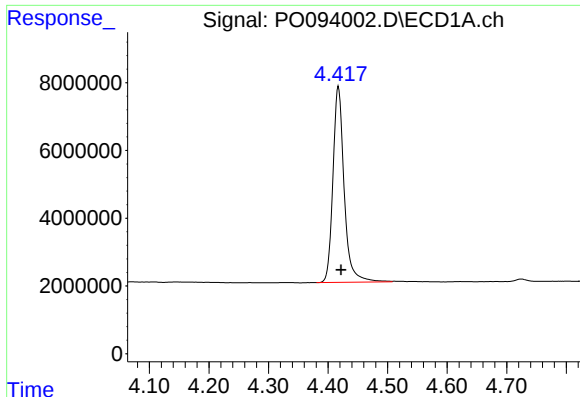
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 13:41:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 04 06:20:55 2023
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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	8.796	7.597	11281042	4814637	35.052	35.438
43) L9	AR-1268-3	9.030	7.804	8809839	4183312	31.066	31.963
44) L9	AR-1268-4	9.466	8.093	3798442	1234118	39.286	31.177
45) L9	AR-1268-5	9.890	8.385	26008053	11752148	30.967	33.531

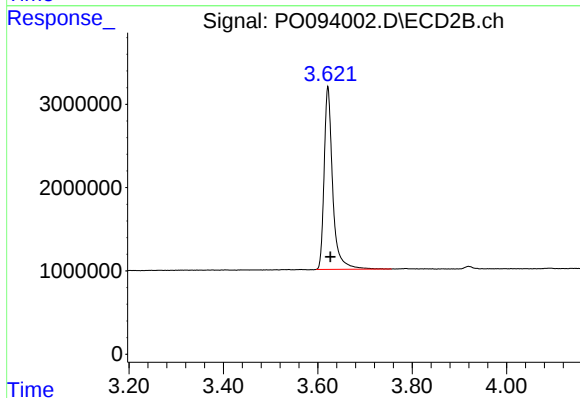
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

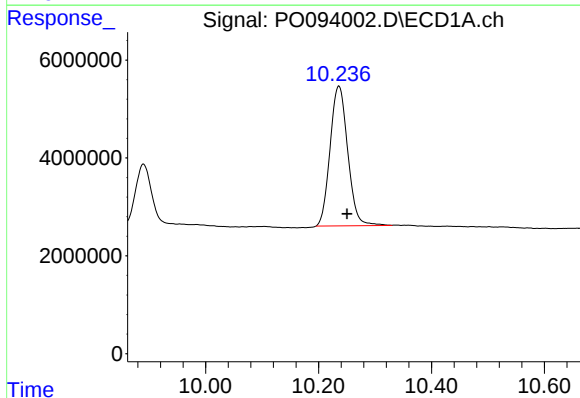
R.T.: 4.417 min
Delta R.T.: -0.005 min
Response: 75825661
Conc: 20.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



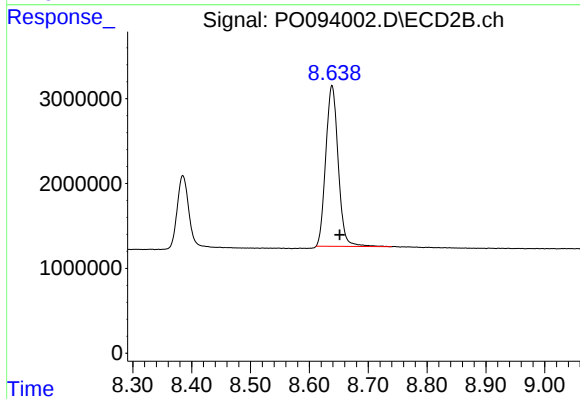
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: -0.005 min
Response: 27567112
Conc: 21.65 ng/ml



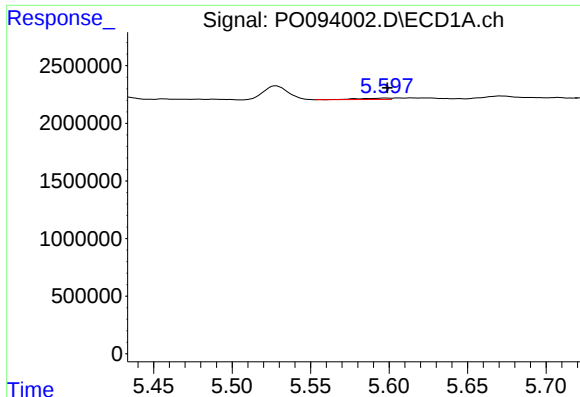
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: -0.015 min
Response: 62089635
Conc: 27.76 ng/ml



#2 Decachlorobiphenyl

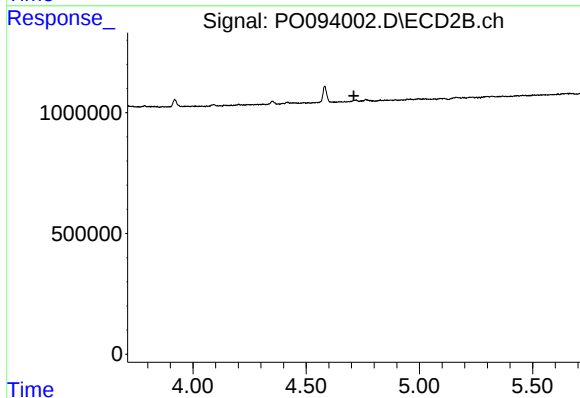
R.T.: 8.639 min
Delta R.T.: -0.013 min
Response: 27838144
Conc: 27.84 ng/ml



#3 AR-1016-1

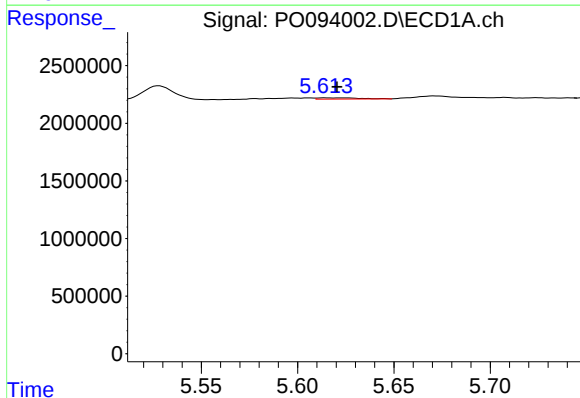
R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 149257
Conc: 1.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



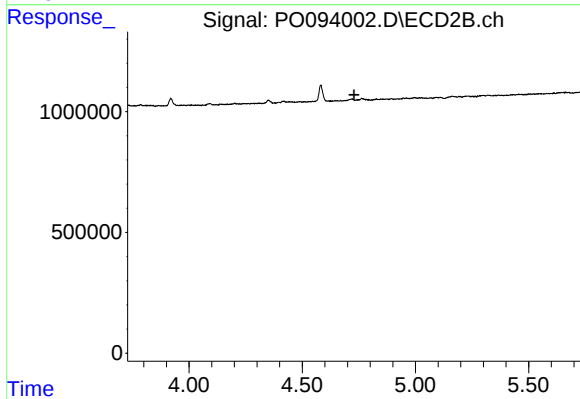
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



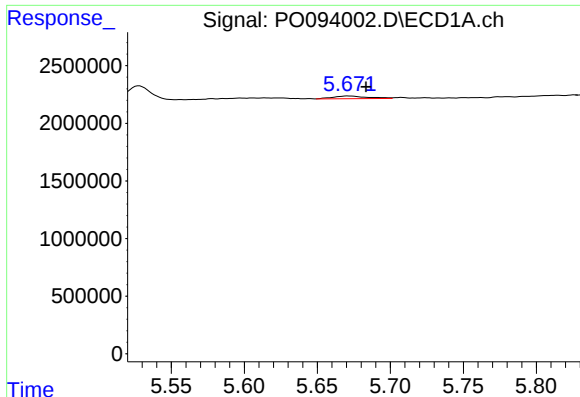
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.006 min
Response: 168563
Conc: 1.08 ng/ml



#4 AR-1016-2

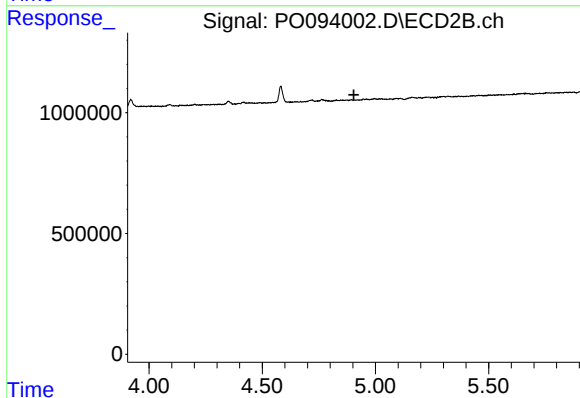
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

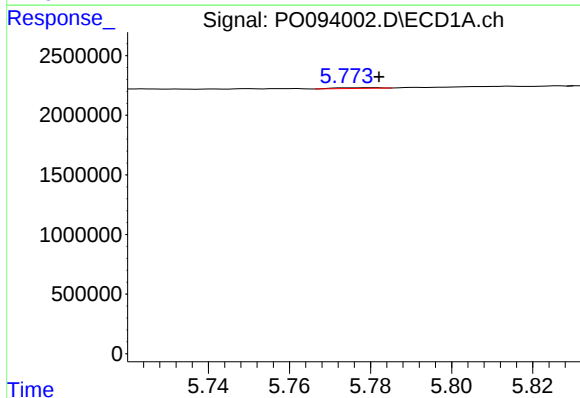
R.T.: 5.672 min
Delta R.T.: -0.012 min
Response: 396091
Conc: 4.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



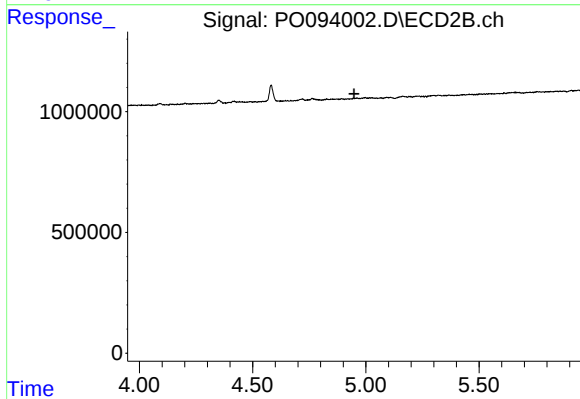
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.905 min
Response: 0
Conc: N.D.



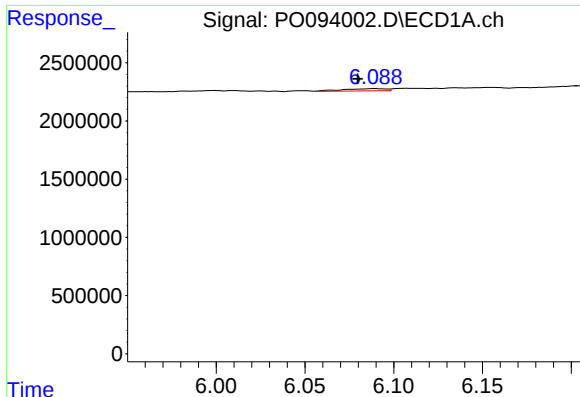
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 44661
Conc: 0.61 ng/ml



#6 AR-1016-4

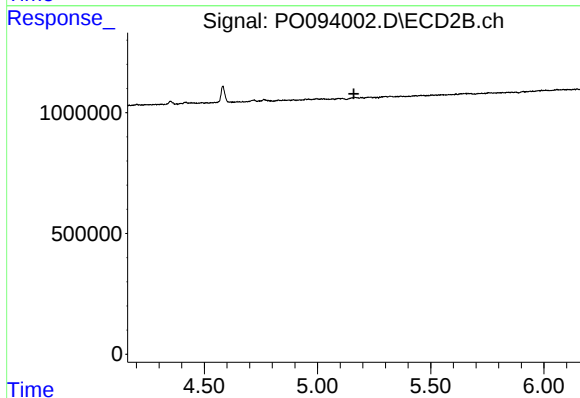
R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#7 AR-1016-5

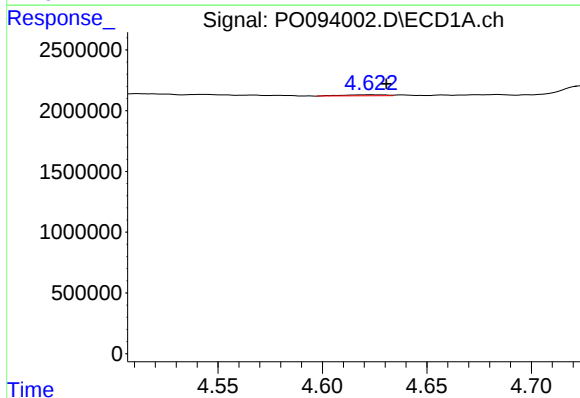
R.T.: 6.089 min
Delta R.T.: 0.010 min
Response: 330519
Conc: 3.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



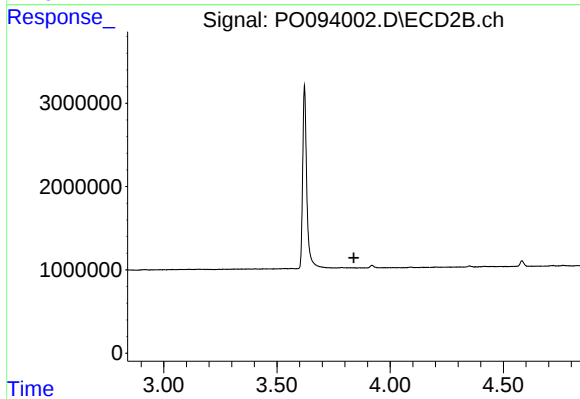
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



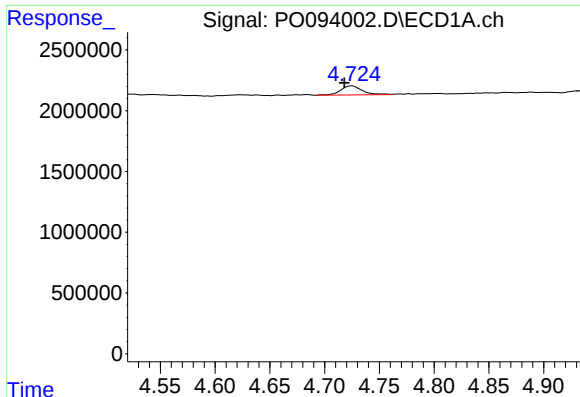
#8 AR-1221-1

R.T.: 4.623 min
Delta R.T.: -0.008 min
Response: 128394
Conc: 2.78 ng/ml



#8 AR-1221-1

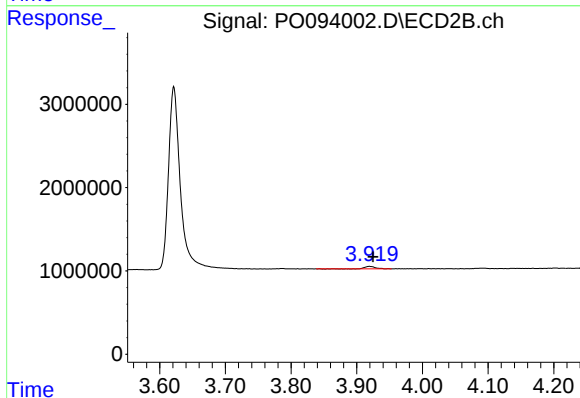
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

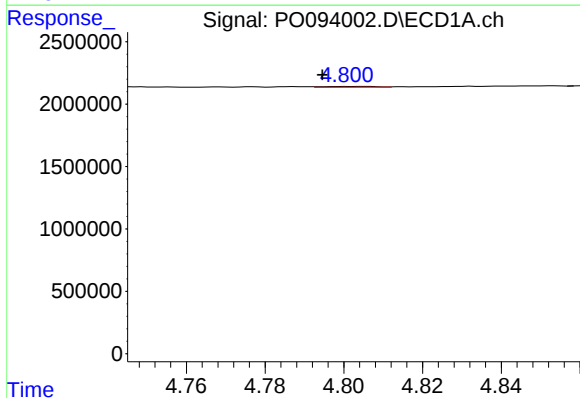
R.T.: 4.725 min
Delta R.T.: 0.007 min
Response: 1037010
Conc: 30.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



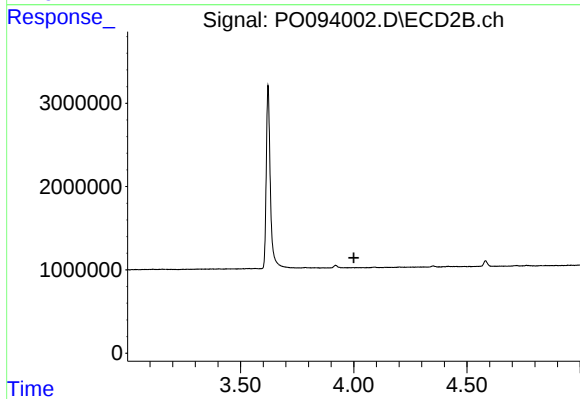
#9 AR-1221-2

R.T.: 3.919 min
Delta R.T.: -0.005 min
Response: 304475
Conc: 25.80 ng/ml



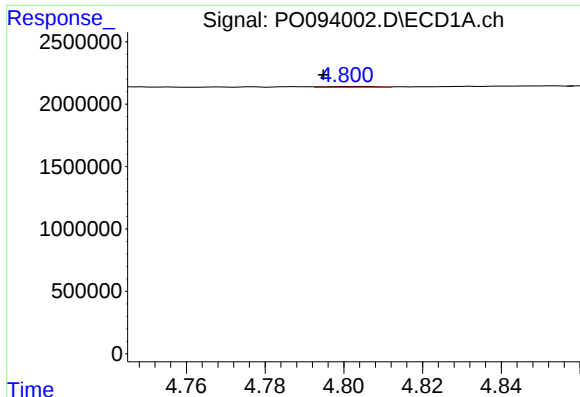
#10 AR-1221-3

R.T.: 4.801 min
Delta R.T.: 0.006 min
Response: 59096
Conc: 0.56 ng/ml



#10 AR-1221-3

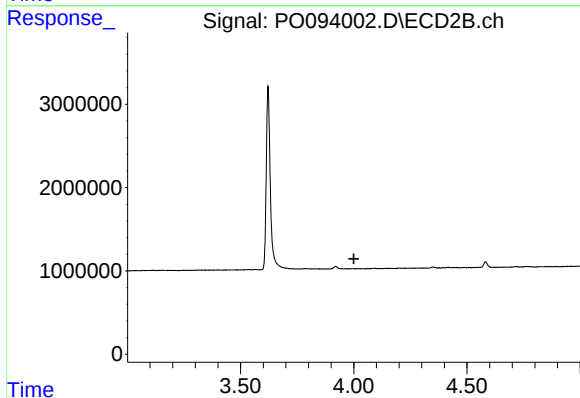
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

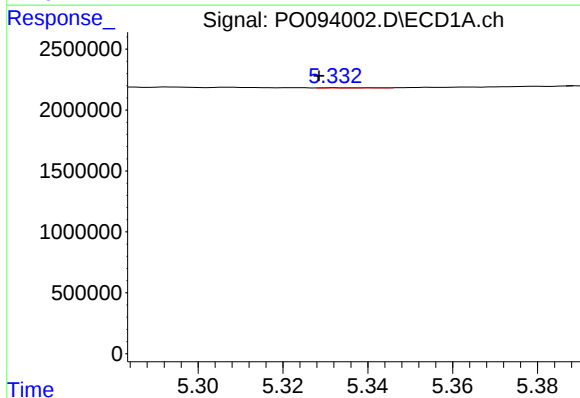
R.T.: 4.801 min
Delta R.T.: 0.006 min
Response: 59096
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



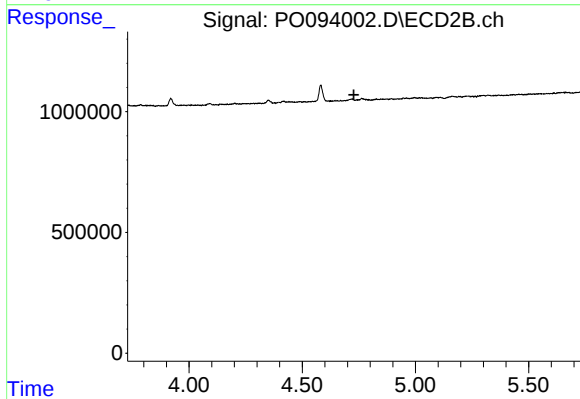
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



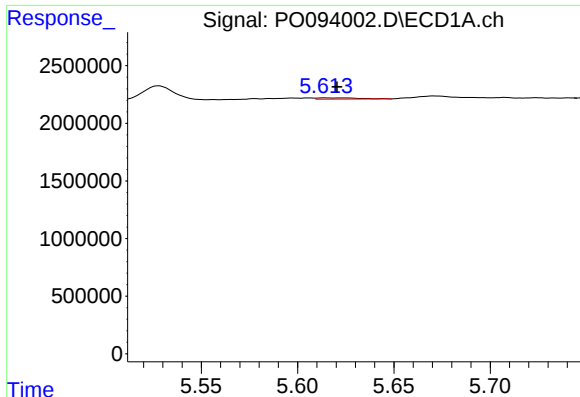
#12 AR-1232-2

R.T.: 5.332 min
Delta R.T.: 0.004 min
Response: 8895
Conc: 0.21 ng/ml



#12 AR-1232-2

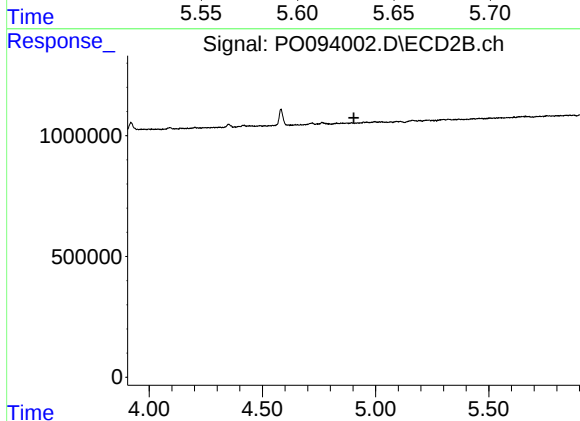
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

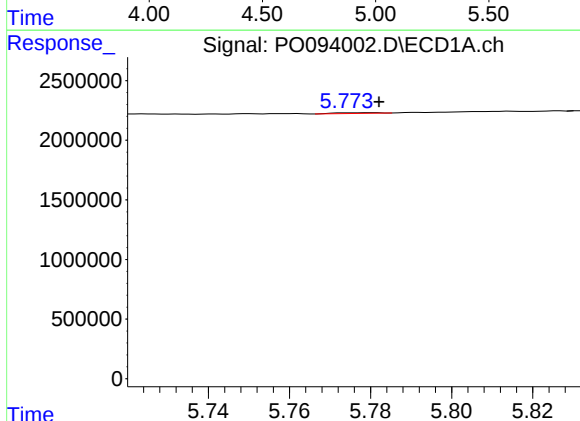
R.T.: 5.614 min
Delta R.T.: -0.006 min
Response: 168563
Conc: 2.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



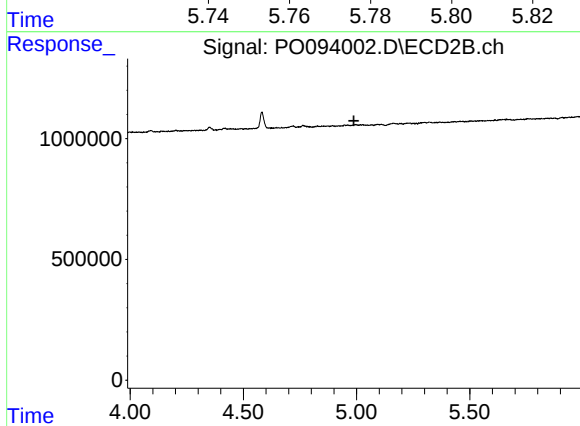
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



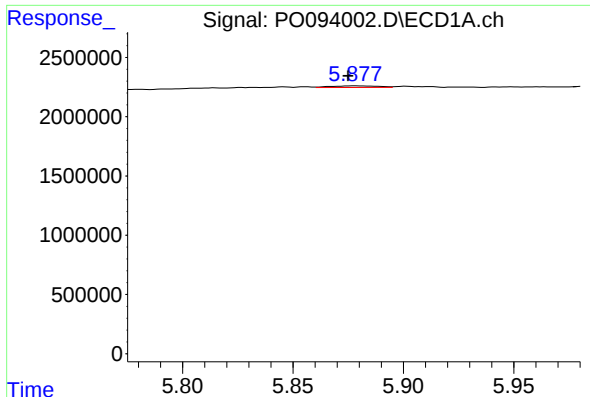
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 44661
Conc: 1.30 ng/ml



#14 AR-1232-4

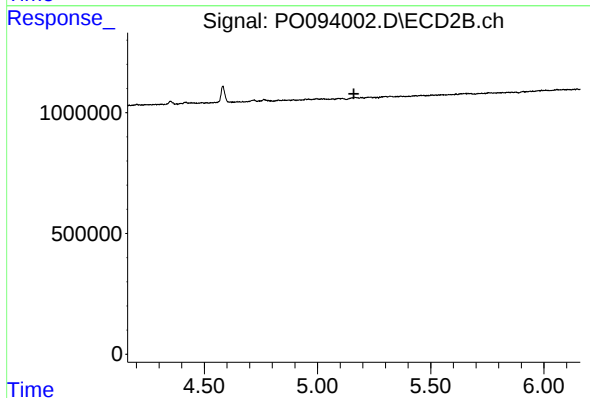
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#15 AR-1232-5

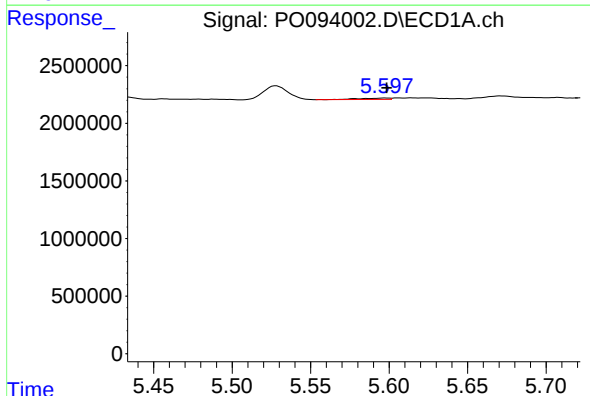
R.T.: 5.878 min
Delta R.T.: 0.003 min
Response: 199823
Conc: 6.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



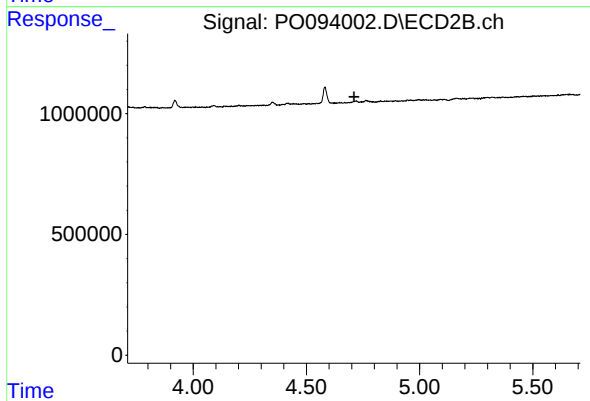
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



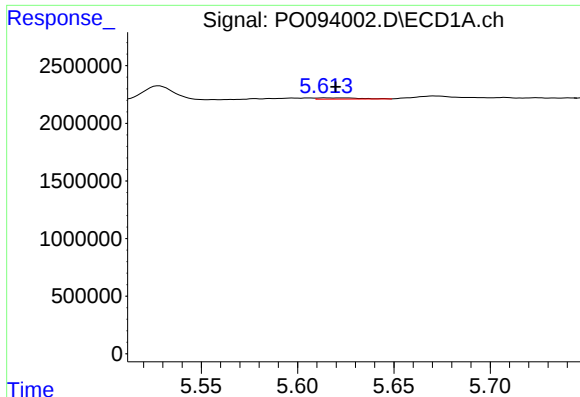
#16 AR-1242-1

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 149257
Conc: 1.71 ng/ml



#16 AR-1242-1

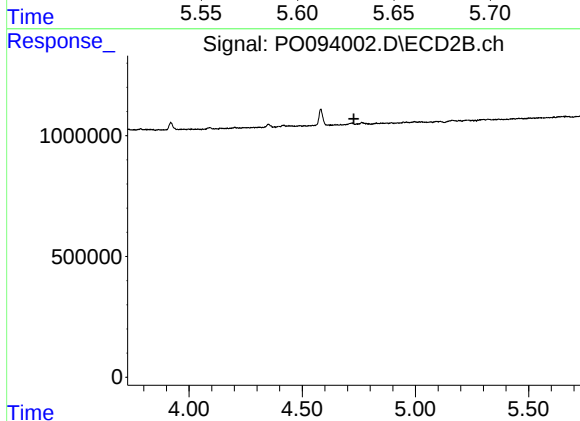
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

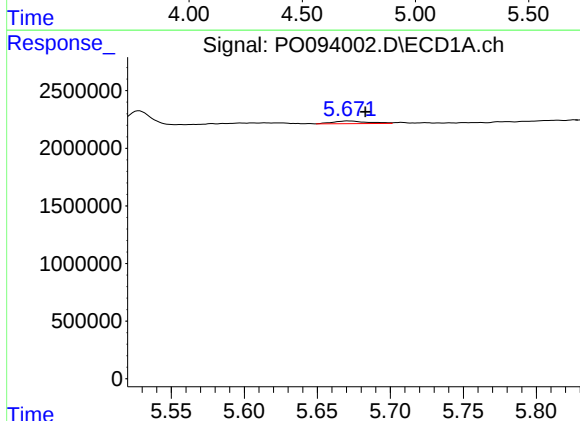
R.T.: 5.614 min
Delta R.T.: -0.005 min
Response: 168563
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



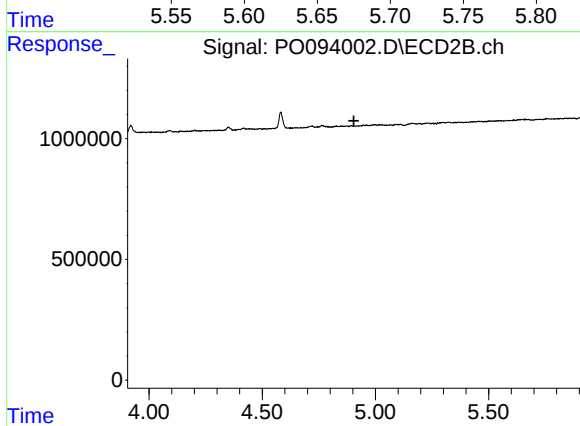
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



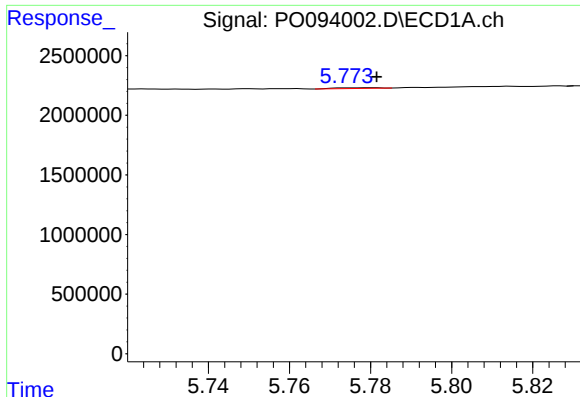
#18 AR-1242-3

R.T.: 5.672 min
Delta R.T.: -0.011 min
Response: 396091
Conc: 4.67 ng/ml



#18 AR-1242-3

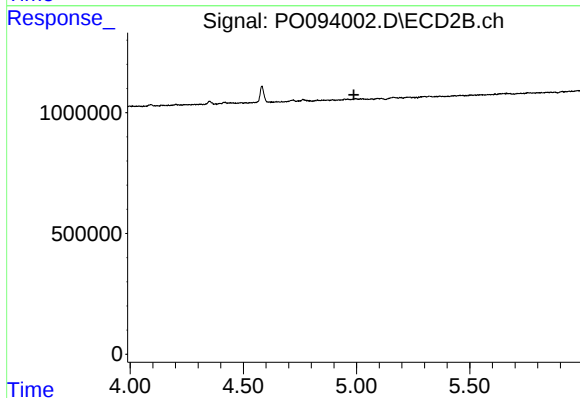
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

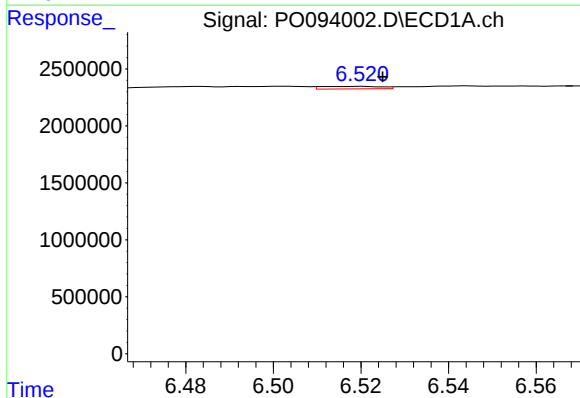
R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 44661
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



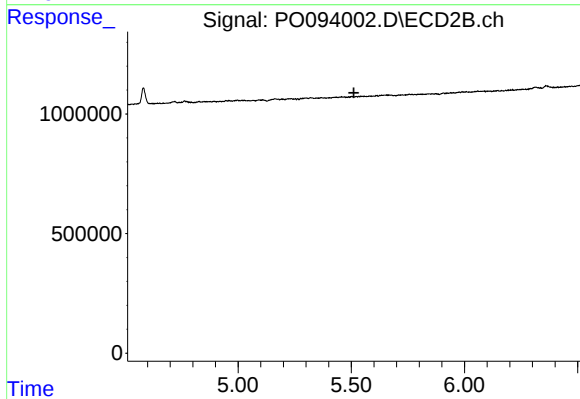
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



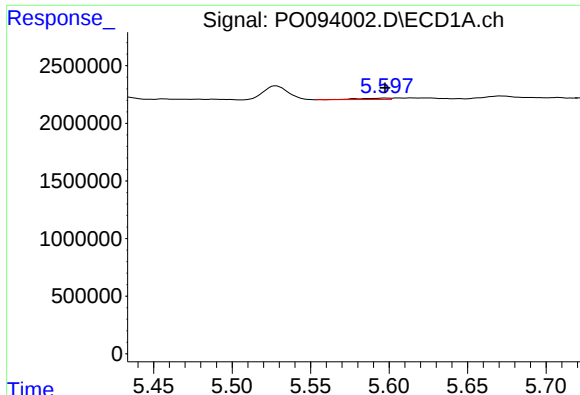
#20 AR-1242-5

R.T.: 6.520 min
Delta R.T.: -0.005 min
Response: 211906
Conc: 3.15 ng/ml



#20 AR-1242-5

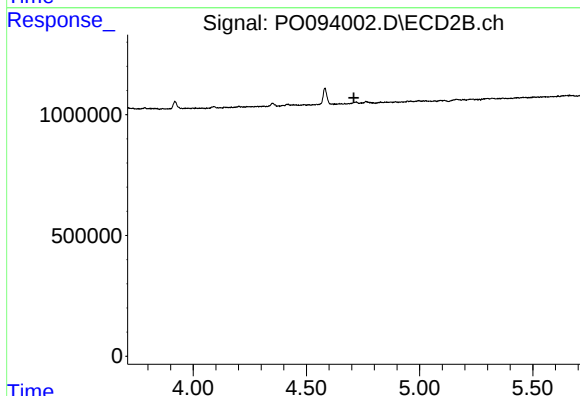
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

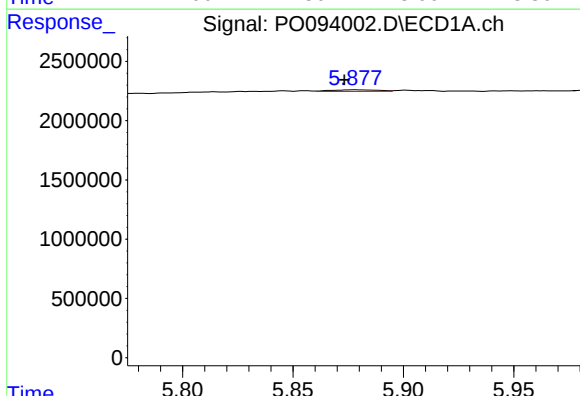
R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 149257
Conc: 2.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



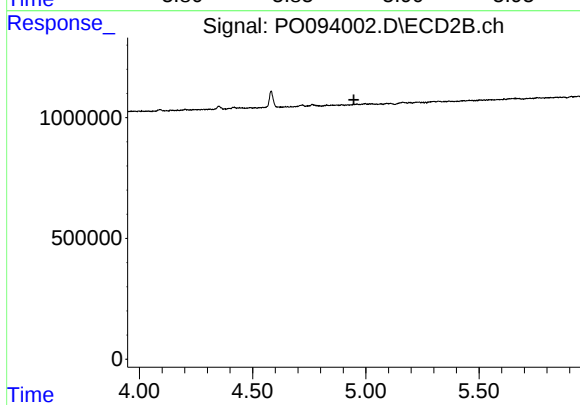
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



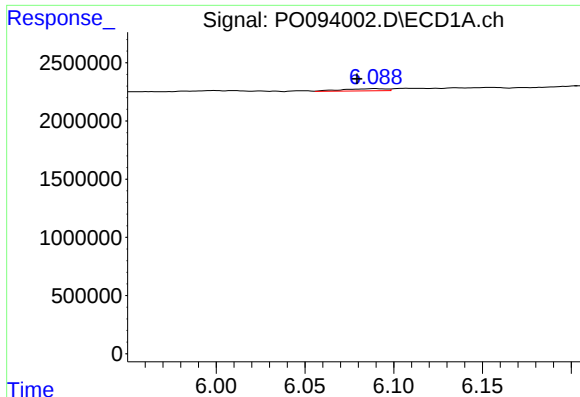
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: 0.005 min
Response: 199823
Conc: 1.83 ng/ml



#22 AR-1248-2

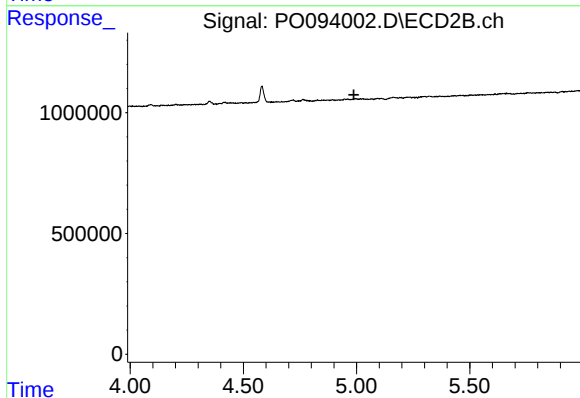
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#23 AR-1248-3

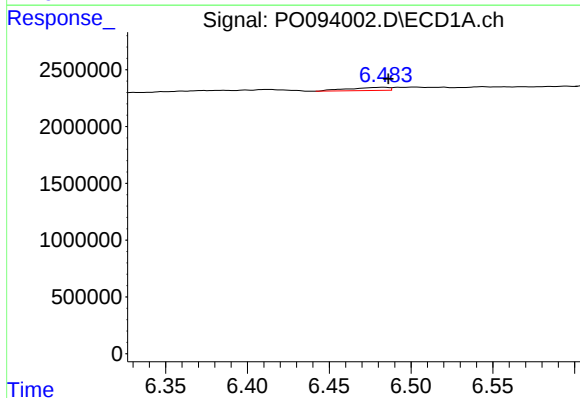
R.T.: 6.089 min
Delta R.T.: 0.010 min
Response: 330519
Conc: 2.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



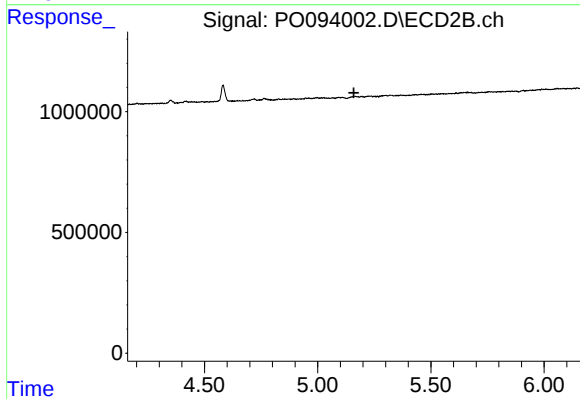
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



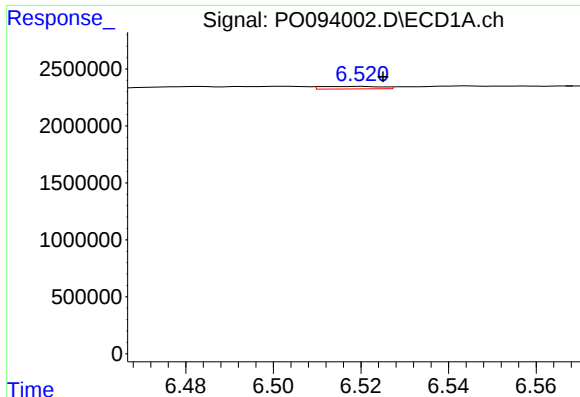
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 482768
Conc: 4.50 ng/ml



#24 AR-1248-4

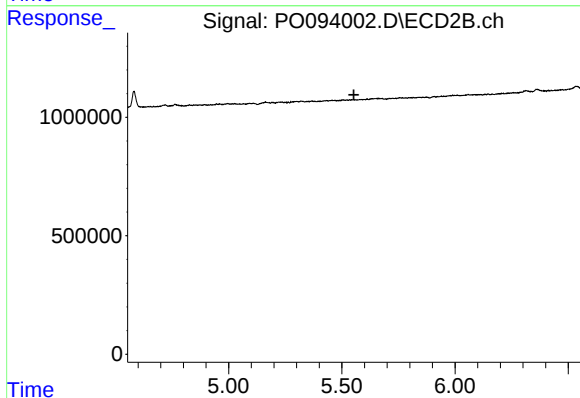
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

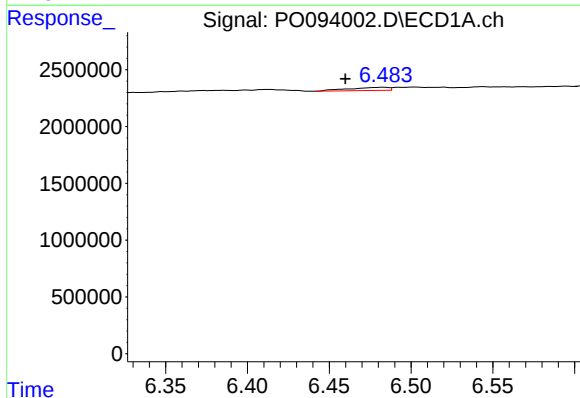
R.T.: 6.520 min
Delta R.T.: -0.005 min
Response: 211906
Conc: 1.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



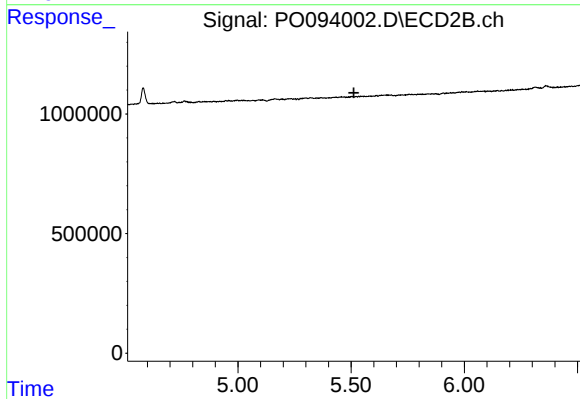
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.553 min
Response: 0
Conc: N.D.



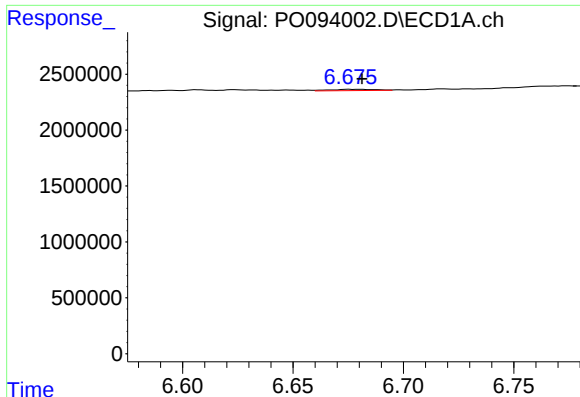
#26 AR-1254-1

R.T.: 6.483 min
Delta R.T.: 0.023 min
Response: 482768
Conc: 3.56 ng/ml



#26 AR-1254-1

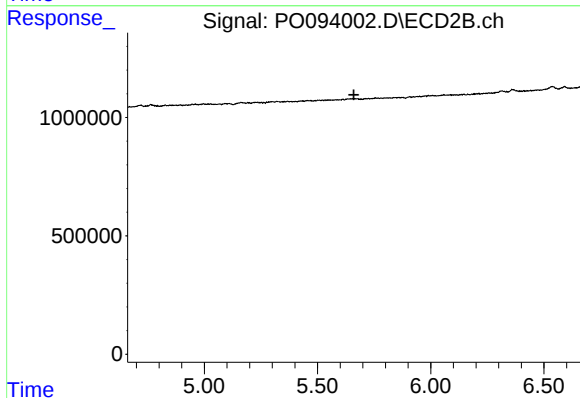
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#27 AR-1254-2

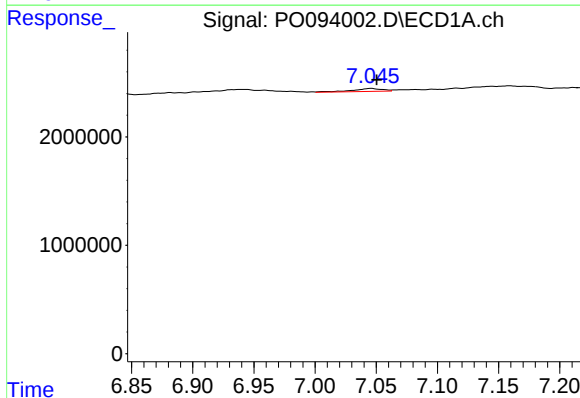
R.T.: 6.676 min
Delta R.T.: -0.006 min
Response: 164814
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



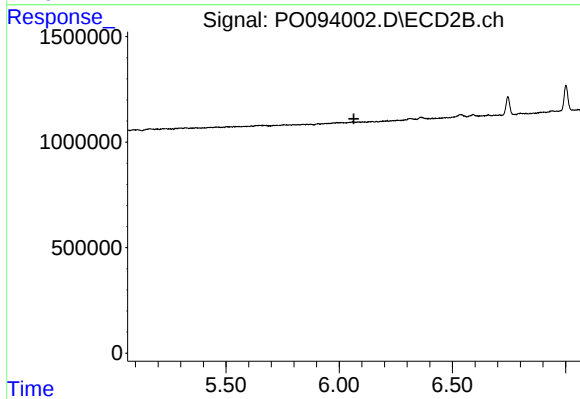
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.660 min
Response: 0
Conc: N.D.



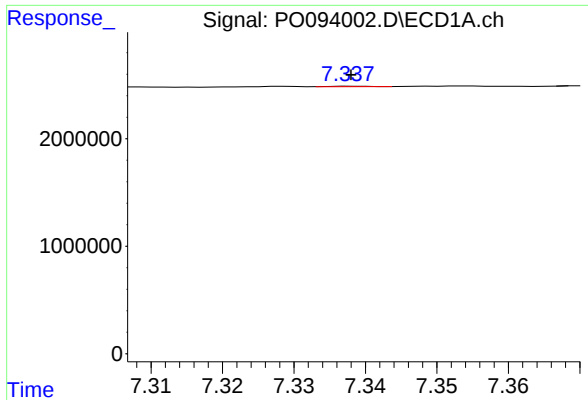
#28 AR-1254-3

R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 459237
Conc: 2.49 ng/ml



#28 AR-1254-3

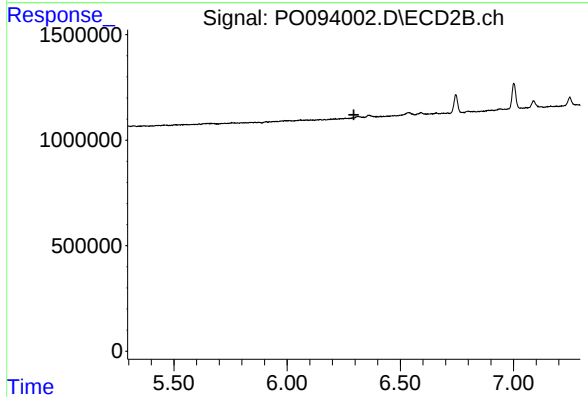
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

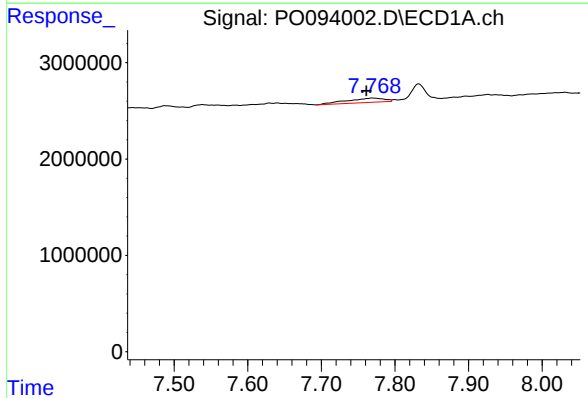
R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 15916
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



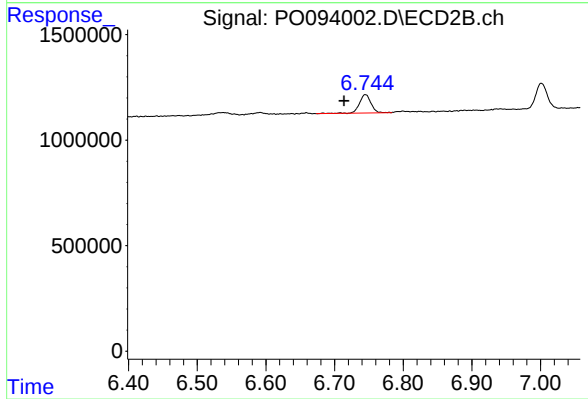
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.295 min
Response: 0
Conc: N.D.



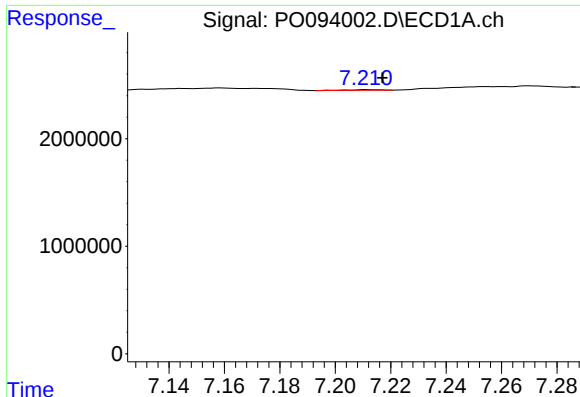
#30 AR-1254-5

R.T.: 7.769 min
Delta R.T.: 0.008 min
Response: 1578866
Conc: 11.64 ng/ml



#30 AR-1254-5

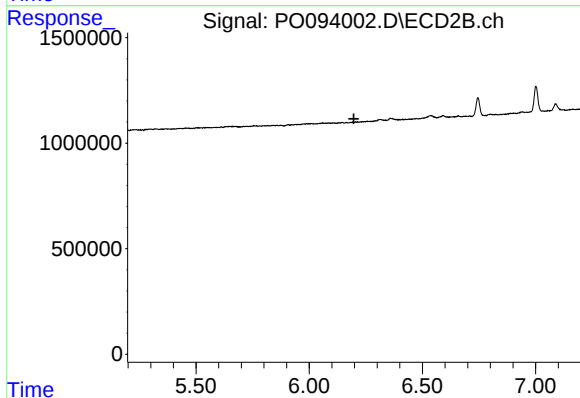
R.T.: 6.745 min
Delta R.T.: 0.031 min
Response: 1028468
Conc: 14.25 ng/ml



#31 AR-1260-1

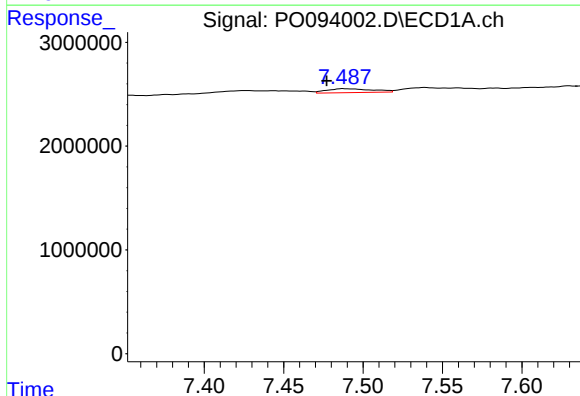
R.T.: 7.212 min
Delta R.T.: -0.006 min
Response: 55549
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



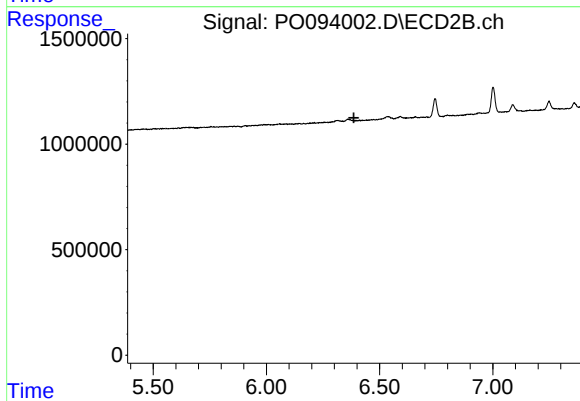
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.



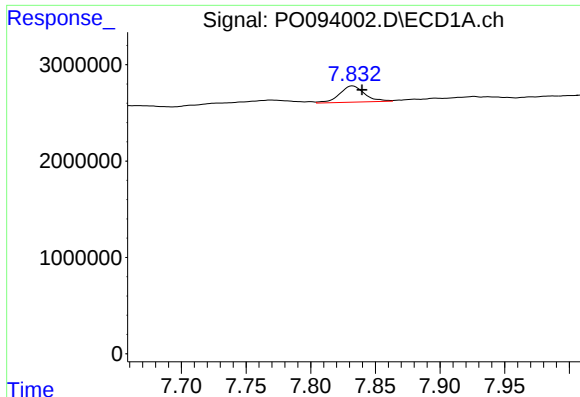
#32 AR-1260-2

R.T.: 7.488 min
Delta R.T.: 0.010 min
Response: 742410
Conc: 4.64 ng/ml



#32 AR-1260-2

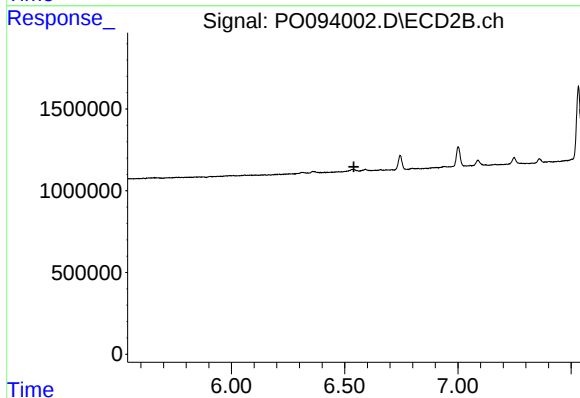
R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



#33 AR-1260-3

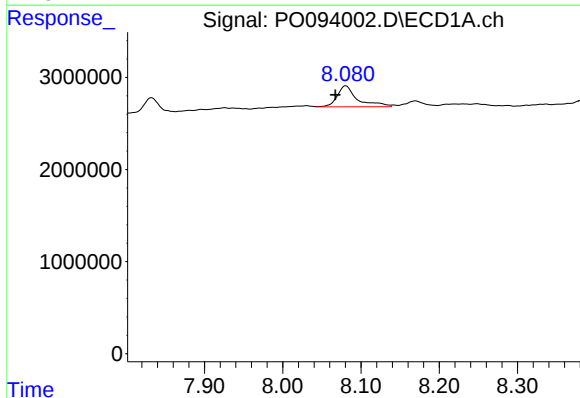
R.T.: 7.832 min
Delta R.T.: -0.008 min
Response: 2279811
Conc: 17.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



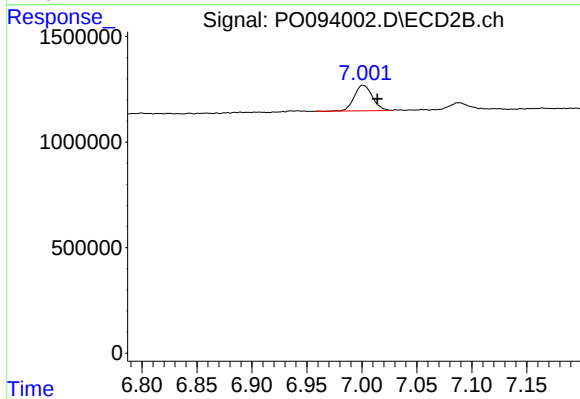
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.540 min
Response: 0
Conc: N.D.



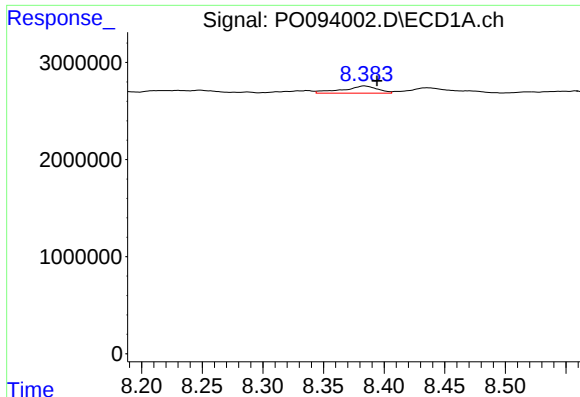
#34 AR-1260-4

R.T.: 8.081 min
Delta R.T.: 0.013 min
Response: 4100866
Conc: 29.77 ng/ml



#34 AR-1260-4

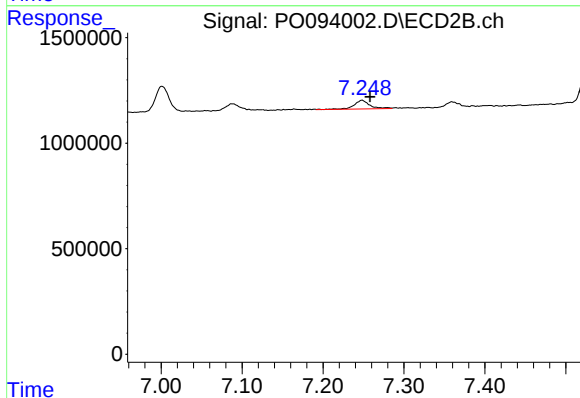
R.T.: 7.001 min
Delta R.T.: -0.013 min
Response: 1401708
Conc: 25.24 ng/ml



#35 AR-1260-5

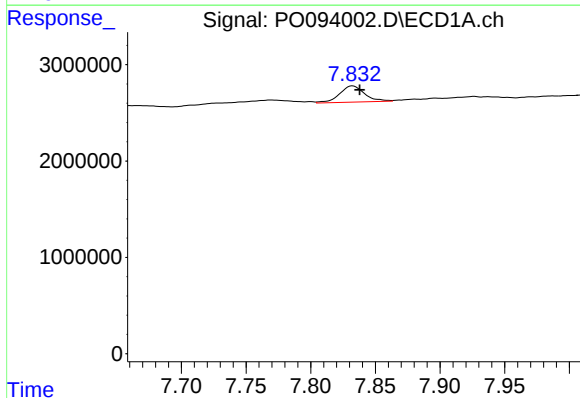
R.T.: 8.384 min
Delta R.T.: -0.010 min
Response: 1472453
Conc: 6.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



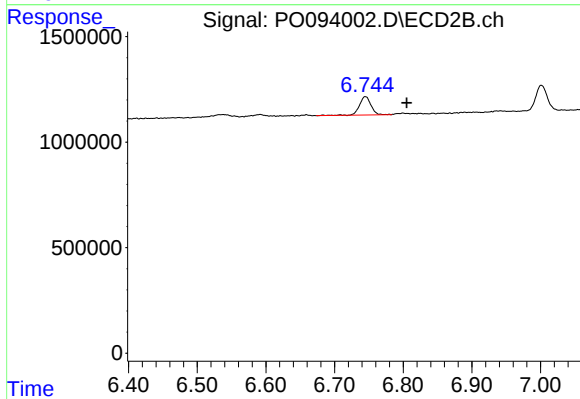
#35 AR-1260-5

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 562251
Conc: 5.42 ng/ml



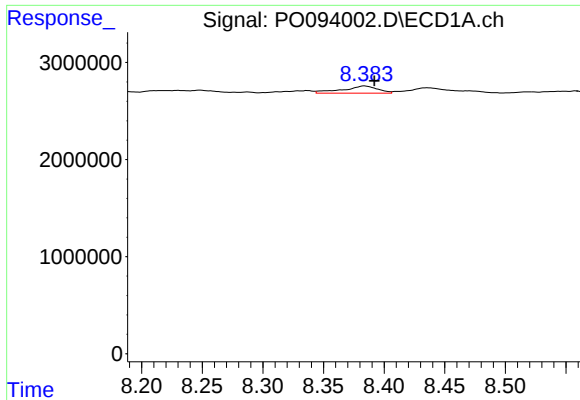
#36 AR-1262-1

R.T.: 7.832 min
Delta R.T.: -0.005 min
Response: 2279811
Conc: 13.35 ng/ml



#36 AR-1262-1

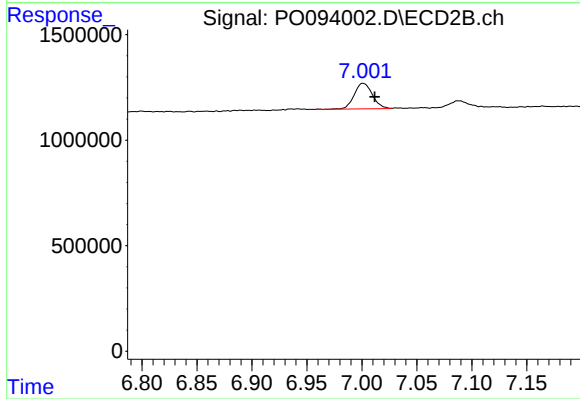
R.T.: 6.745 min
Delta R.T.: -0.060 min
Response: 1028468
Conc: 29.39 ng/ml



#37 AR-1262-2

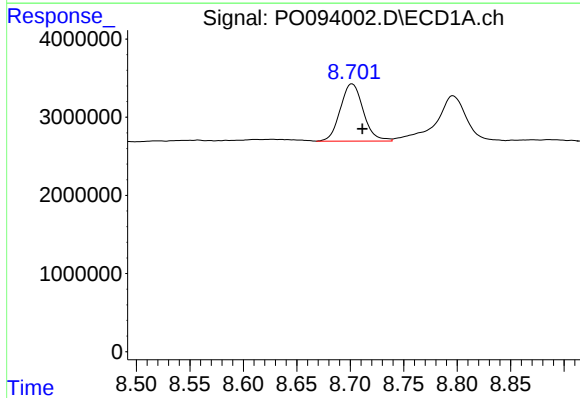
R.T.: 8.384 min
Delta R.T.: -0.008 min
Response: 1472453
Conc: 6.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



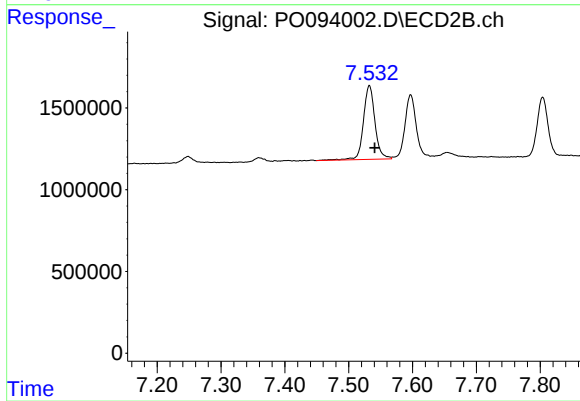
#37 AR-1262-2

R.T.: 7.001 min
Delta R.T.: -0.010 min
Response: 1401708
Conc: 19.84 ng/ml



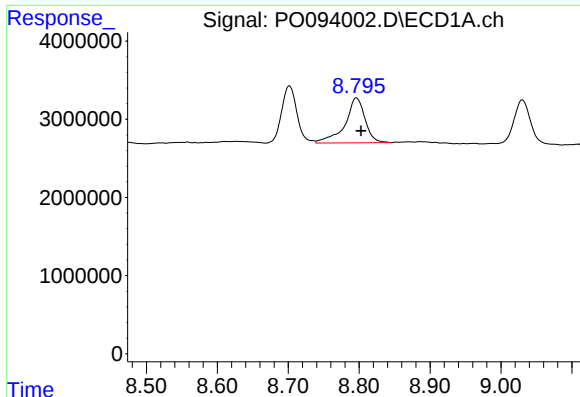
#38 AR-1262-3

R.T.: 8.702 min
Delta R.T.: -0.010 min
Response: 10961334
Conc: 66.92 ng/ml



#38 AR-1262-3

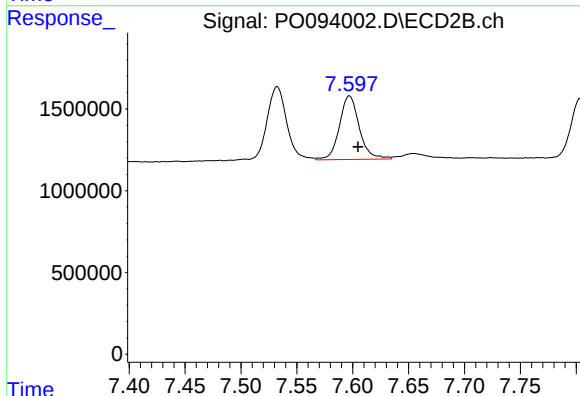
R.T.: 7.532 min
Delta R.T.: -0.008 min
Response: 5661756
Conc: 113.16 ng/ml



#39 AR-1262-4

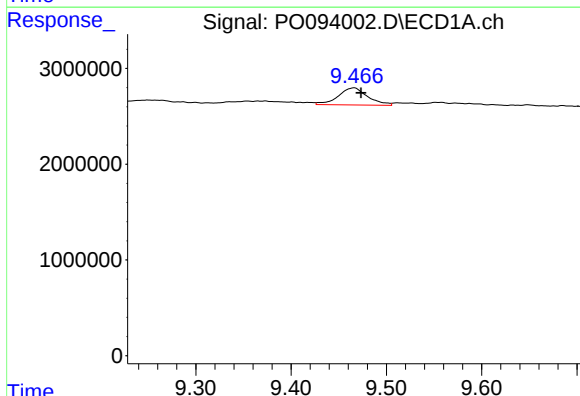
R.T.: 8.796 min
Delta R.T.: -0.007 min
Response: 11281042
Conc: 112.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



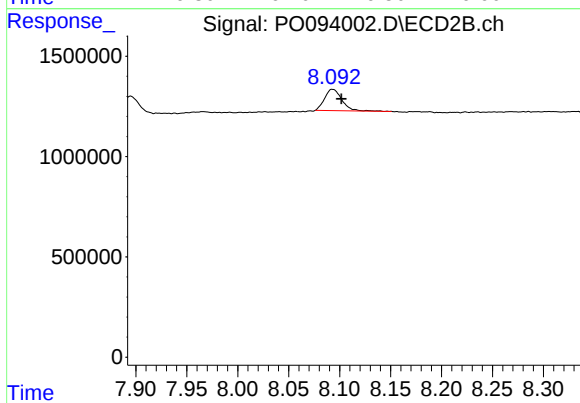
#39 AR-1262-4

R.T.: 7.597 min
Delta R.T.: -0.008 min
Response: 4814637
Conc: 58.06 ng/ml



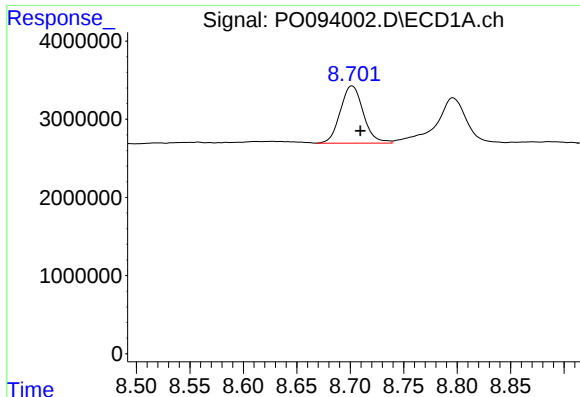
#40 AR-1262-5

R.T.: 9.466 min
Delta R.T.: -0.007 min
Response: 3798442
Conc: 47.19 ng/ml



#40 AR-1262-5

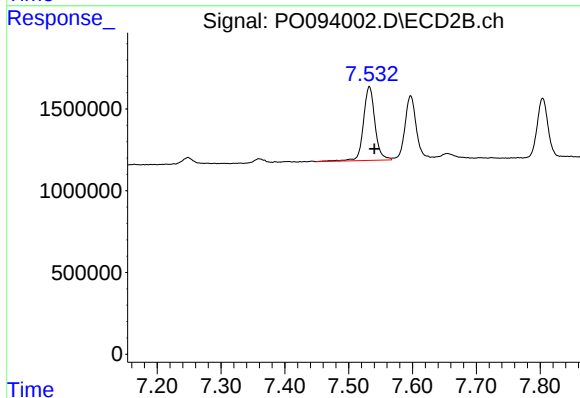
R.T.: 8.093 min
Delta R.T.: -0.009 min
Response: 1234118
Conc: 37.94 ng/ml



#41 AR-1268-1

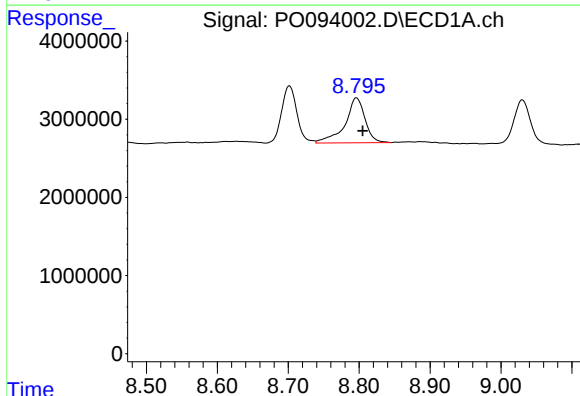
R.T.: 8.702 min
Delta R.T.: -0.008 min
Response: 10961334
Conc: 32.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



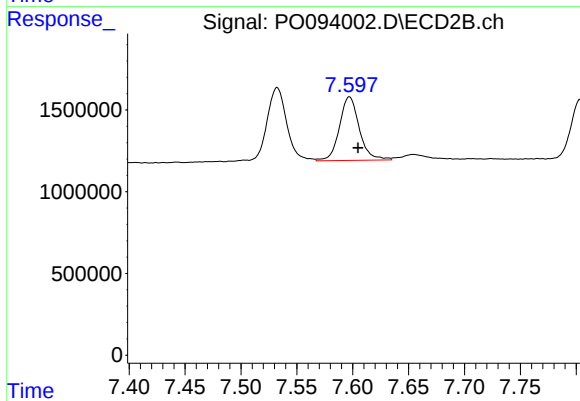
#41 AR-1268-1

R.T.: 7.532 min
Delta R.T.: -0.008 min
Response: 5661756
Conc: 37.06 ng/ml



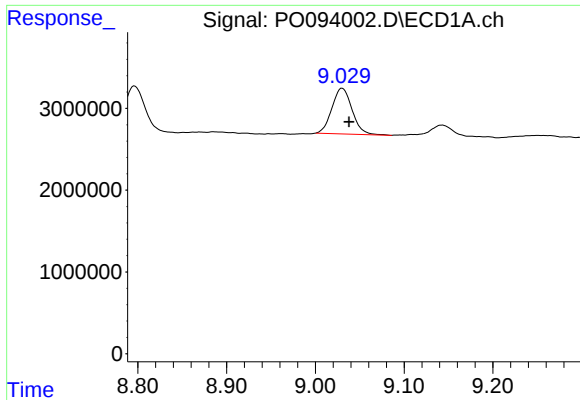
#42 AR-1268-2

R.T.: 8.796 min
Delta R.T.: -0.009 min
Response: 11281042
Conc: 35.05 ng/ml



#42 AR-1268-2

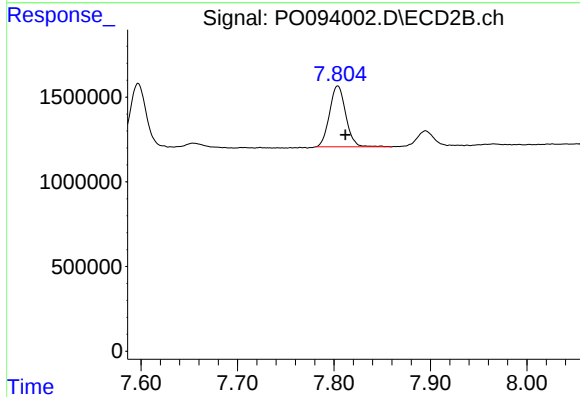
R.T.: 7.597 min
Delta R.T.: -0.008 min
Response: 4814637
Conc: 35.44 ng/ml



#43 AR-1268-3

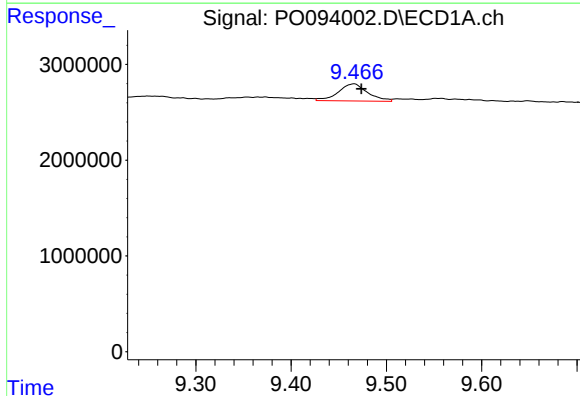
R.T.: 9.030 min
Delta R.T.: -0.008 min
Response: 8809839
Conc: 31.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



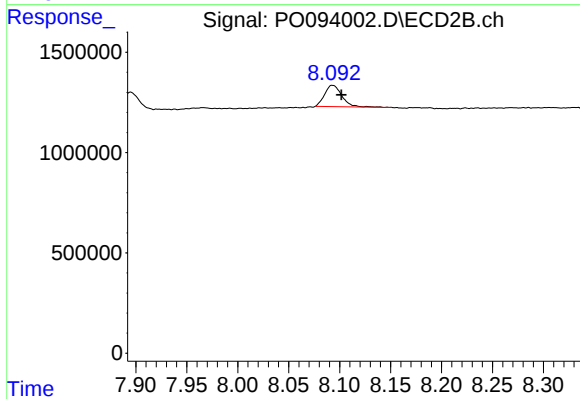
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: -0.008 min
Response: 4183312
Conc: 31.96 ng/ml



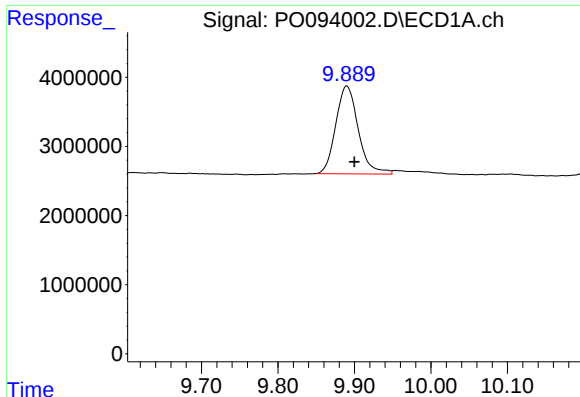
#44 AR-1268-4

R.T.: 9.466 min
Delta R.T.: -0.008 min
Response: 3798442
Conc: 39.29 ng/ml



#44 AR-1268-4

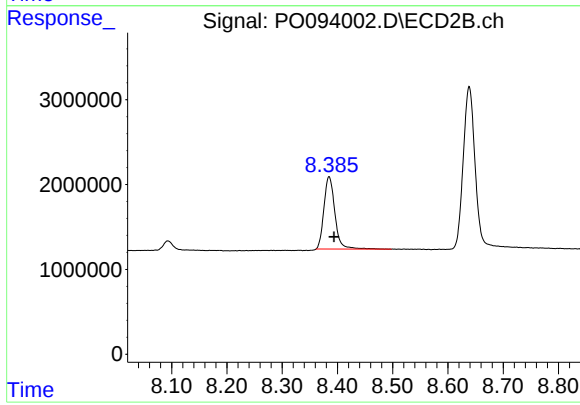
R.T.: 8.093 min
Delta R.T.: -0.009 min
Response: 1234118
Conc: 31.18 ng/ml



#45 AR-1268-5

R.T.: 9.890 min
Delta R.T.: -0.010 min
Response: 26008053
Conc: 30.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: -0.009 min
Response: 11752148
Conc: 33.53 ng/ml