

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040623\
 Data File : P0093871.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 18:22
 Operator : YP/AJ
 Sample : 02210-01
 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: Apr 06 21:32:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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...	4.439	3.656f	41833062	16290613	11.191	12.793
2)	SA Decachlor...	10.246	8.648	54977875	20595872	24.577	20.600
Target Compounds							
3)	L1 AR-1016-1	5.577	4.778f	917512	12643066	8.972	356.317 #
4)	L1 AR-1016-2	5.624	4.778f	240660	12643066	1.544	234.083 #
5)	L1 AR-1016-3	5.665	0.000	34943550	0	354.281	N.D. #
6)	L1 AR-1016-4	5.796	5.004f	5162426	994260	70.210	37.653 #
7)	L1 AR-1016-5	6.095	5.179	2527767	2452778	29.857	74.959 #
8)	L2 AR-1221-1	4.614	3.843	240.9E6	929086	5223.243	59.333 #
9)	L2 AR-1221-2	4.723	3.940	35332563	86697820	1029.307	7345.758 #
10)	L2 AR-1221-3	4.821	3.940f	8917963	86697820	85.147	2353.502 #
11)	L3 AR-1232-1	4.821	3.940f	8917963	86697820	102.180	2775.158 #
12)	L3 AR-1232-2	5.333	4.778f	2008674	12643066	46.970	477.573 #
13)	L3 AR-1232-3	5.624	0.000	240660	0	3.276	N.D. #
14)	L3 AR-1232-4	5.796	5.004	5162426	994260	149.974	69.964 #
15)	L3 AR-1232-5	5.862	5.179	423243	2452778	13.325	158.771 #
16)	L4 AR-1242-1	5.577	4.778f	917512	12643066	10.512	410.855 #
17)	L4 AR-1242-2	5.624	4.778f	240660	12643066	1.810	274.885 #
18)	L4 AR-1242-3	5.665	0.000	34943550	0	411.645	N.D. #
19)	L4 AR-1242-4	5.796	5.004	5162426	994260	82.624	35.416 #
20)	L4 AR-1242-5	6.503	5.539	1042585	1111300	15.485	38.978 #
21)	L5 AR-1248-1	5.577	4.778f	917512	12643066	13.637	530.073 #
22)	L5 AR-1248-2	5.862	5.004f	423243	994260	3.869	24.961 #
23)	L5 AR-1248-3	6.095	5.004	2527767	994260	20.939	23.821
24)	L5 AR-1248-4	6.503	5.179	1042585	2452778	9.708	52.160 #
25)	L5 AR-1248-5	6.503	5.539	1042585	1111300	8.986	29.766 #
26)	L6 AR-1254-1	6.438	5.539	2642066	1111300	19.480	16.258
27)	L6 AR-1254-2	6.671	5.703f	362970	309504	1.857	5.082 #
28)	L6 AR-1254-3	7.062	6.102f	2334958	1061604	12.639	11.655
29)	L6 AR-1254-4	7.330	6.300	601556	443108	5.932	10.403 #
30)	L6 AR-1254-5	7.780	0.000	1201798	0	8.863	N.D. #
31)	L7 AR-1260-1	7.213	6.134f	1818243	634503	12.457	9.730
32)	L7 AR-1260-2	7.502	6.410	2115430	544236	13.217	7.494 #
33)	L7 AR-1260-3	7.871	6.490f	1789209	371955	13.475	5.125 #
34)	L7 AR-1260-4	8.075	7.023	842838	385633	6.119	6.944
35)	L7 AR-1260-5	8.396	7.245	1336825	761908	6.138	7.342
36)	L8 AR-1262-1	7.871	6.803	1789209	468936	10.474	13.403 #
37)	L8 AR-1262-2	8.396	7.023	1336825	385633	5.751	5.458
38)	L8 AR-1262-3	8.662f	7.510	1739625	987156	10.620	19.730 #
39)	L8 AR-1262-4	8.810	7.662f	2492732	750807	24.879	9.053 #
40)	L8 AR-1262-5	9.508	0.000	4764933	0	59.202	N.D. #
41)	L9 AR-1268-1	8.662f	7.510	1739625	987156	5.169	6.462 #

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 Operator : YP/AJ
 Sample : 02210-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

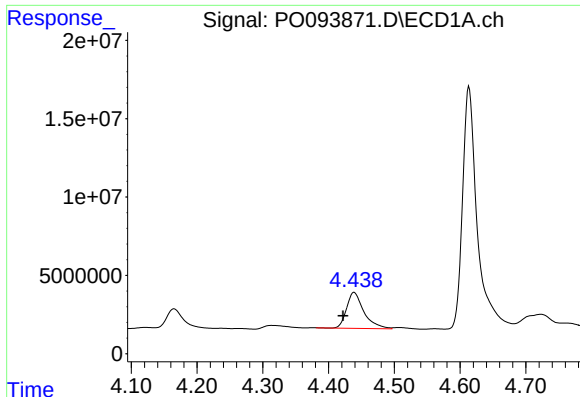
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:32:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.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	7.662f	2492732	750807	7.745	5.526 #
43) L9	AR-1268-3	9.011	0.000	77993	0	0.275	N.D. #
44) L9	AR-1268-4	9.508	0.000	4764933	0	49.282	N.D. #

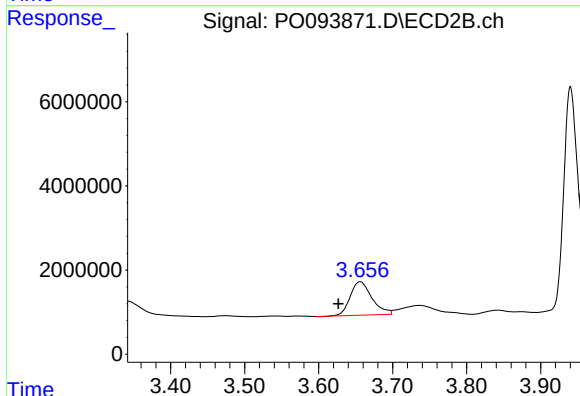
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

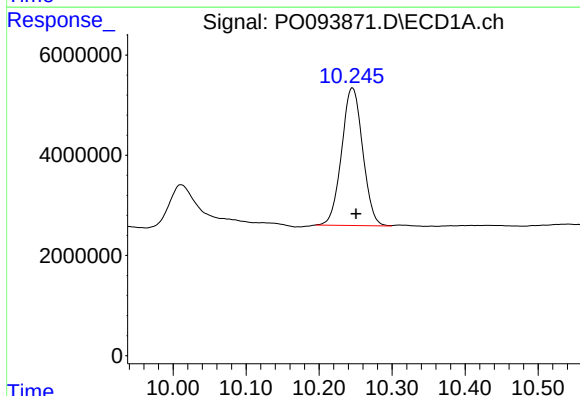
R.T.: 4.439 min
Delta R.T.: 0.017 min
Response: 41833062
Conc: 11.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



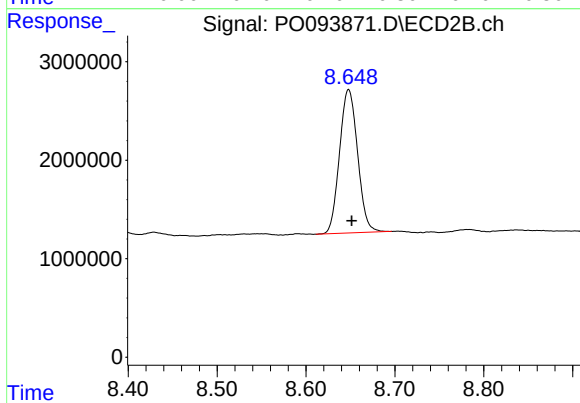
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.029 min
Response: 16290613
Conc: 12.79 ng/ml



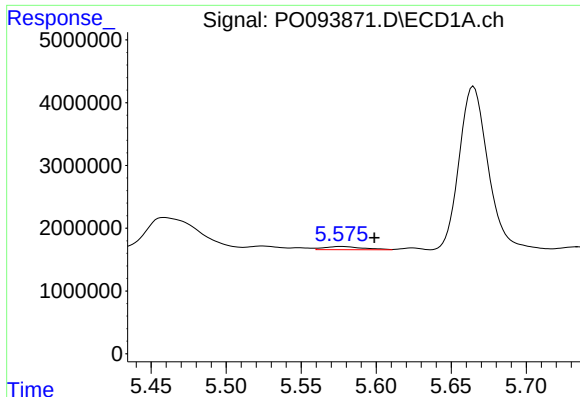
#2 Decachlorobiphenyl

R.T.: 10.246 min
Delta R.T.: -0.005 min
Response: 54977875
Conc: 24.58 ng/ml



#2 Decachlorobiphenyl

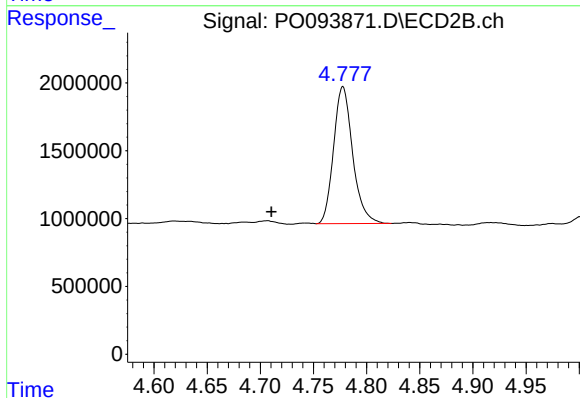
R.T.: 8.648 min
Delta R.T.: -0.003 min
Response: 20595872
Conc: 20.60 ng/ml



#3 AR-1016-1

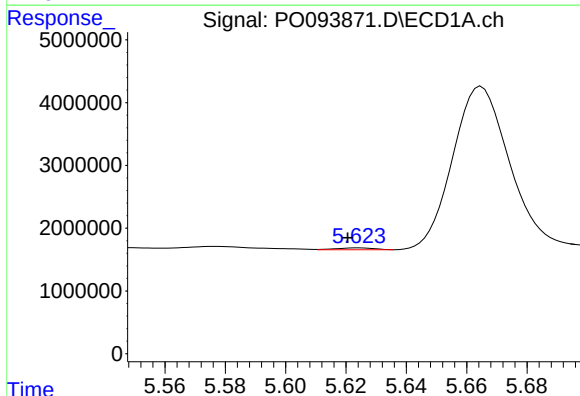
R.T.: 5.577 min
Delta R.T.: -0.022 min
Response: 917512
Conc: 8.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



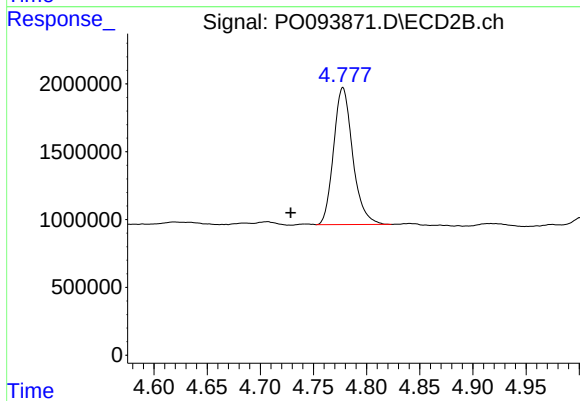
#3 AR-1016-1

R.T.: 4.778 min
Delta R.T.: 0.067 min
Response: 12643066
Conc: 356.32 ng/ml



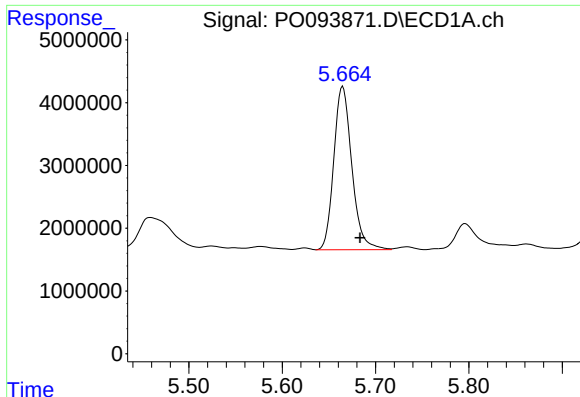
#4 AR-1016-2

R.T.: 5.624 min
Delta R.T.: 0.004 min
Response: 240660
Conc: 1.54 ng/ml



#4 AR-1016-2

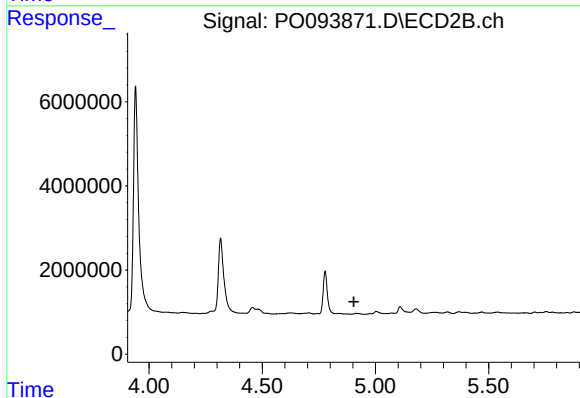
R.T.: 4.778 min
Delta R.T.: 0.049 min
Response: 12643066
Conc: 234.08 ng/ml



#5 AR-1016-3

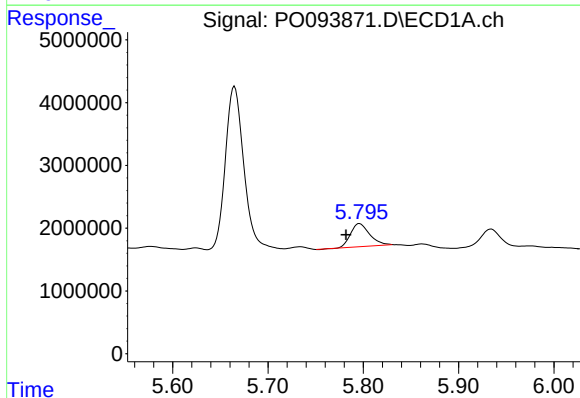
R.T.: 5.665 min
Delta R.T.: -0.019 min
Response: 34943550
Conc: 354.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



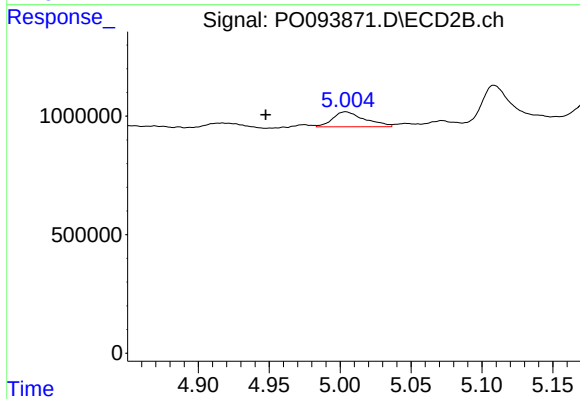
#5 AR-1016-3

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



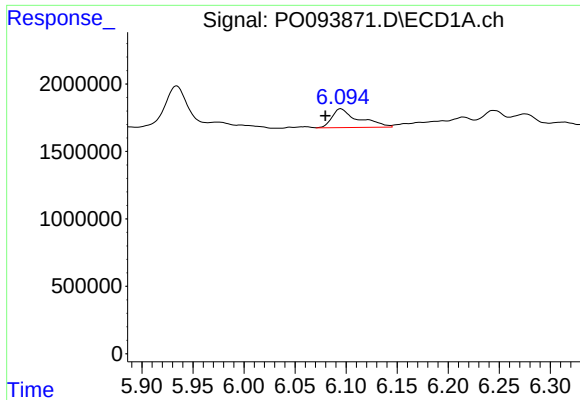
#6 AR-1016-4

R.T.: 5.796 min
Delta R.T.: 0.014 min
Response: 5162426
Conc: 70.21 ng/ml



#6 AR-1016-4

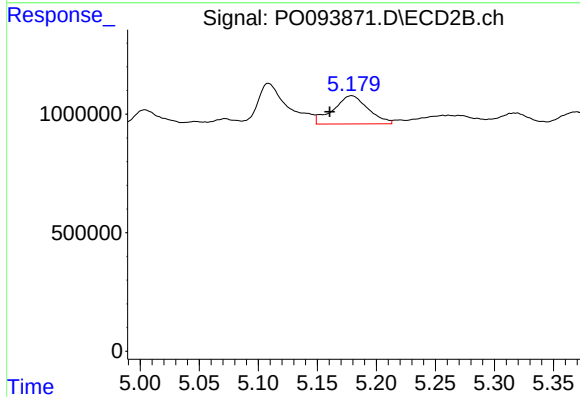
R.T.: 5.004 min
Delta R.T.: 0.056 min
Response: 994260
Conc: 37.65 ng/ml



#7 AR-1016-5

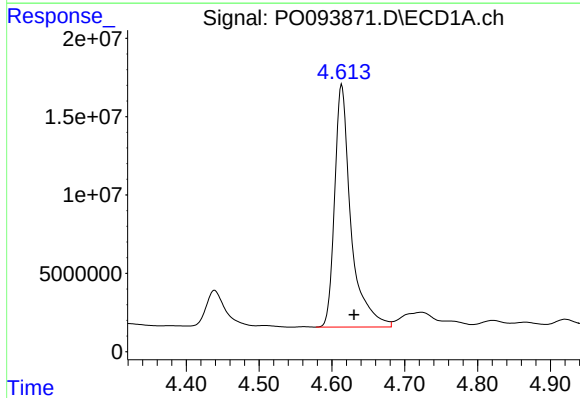
R.T.: 6.095 min
Delta R.T.: 0.015 min
Response: 2527767
Conc: 29.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



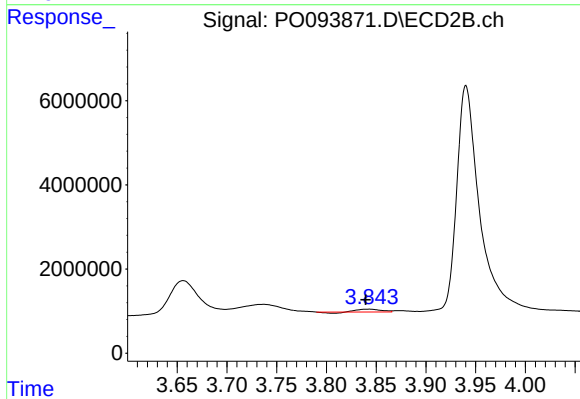
#7 AR-1016-5

R.T.: 5.179 min
Delta R.T.: 0.018 min
Response: 2452778
Conc: 74.96 ng/ml



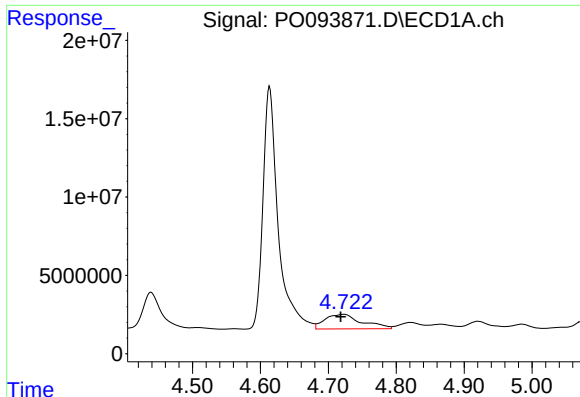
#8 AR-1221-1

R.T.: 4.614 min
Delta R.T.: -0.017 min
Response: 240894693
Conc: 5223.24 ng/ml



#8 AR-1221-1

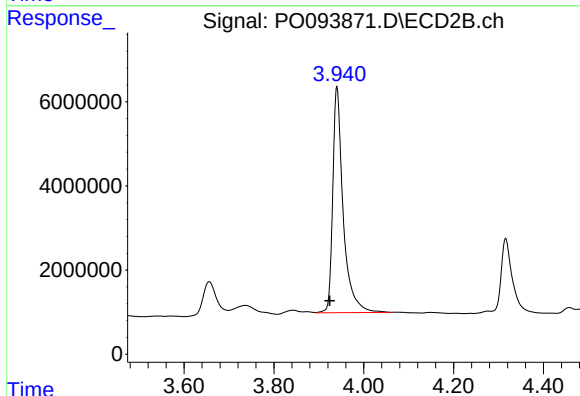
R.T.: 3.843 min
Delta R.T.: 0.003 min
Response: 929086
Conc: 59.33 ng/ml



#9 AR-1221-2

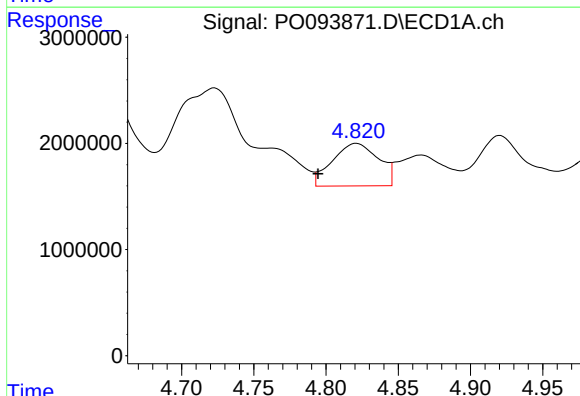
R.T.: 4.723 min
Delta R.T.: 0.005 min
Response: 35332563
Conc: 1029.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



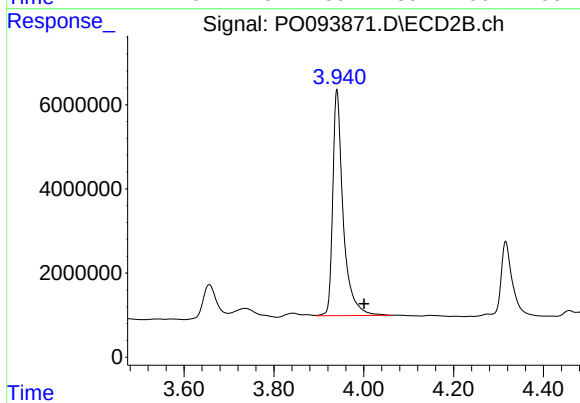
#9 AR-1221-2

R.T.: 3.940 min
Delta R.T.: 0.016 min
Response: 86697820
Conc: 7345.76 ng/ml



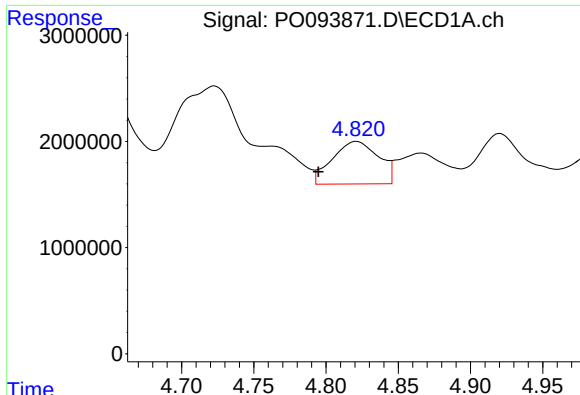
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: 0.027 min
Response: 8917963
Conc: 85.15 ng/ml



#10 AR-1221-3

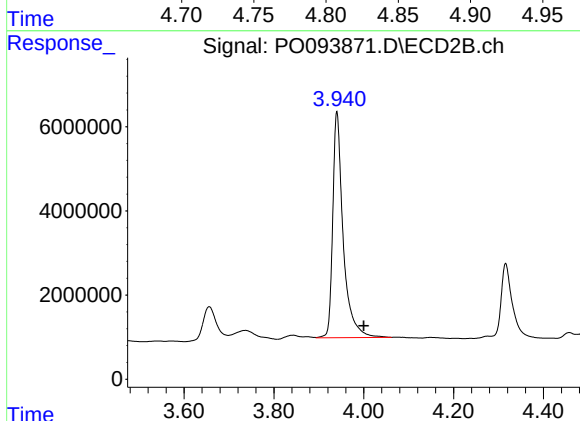
R.T.: 3.940 min
Delta R.T.: -0.060 min
Response: 86697820
Conc: 2353.50 ng/ml



#11 AR-1232-1

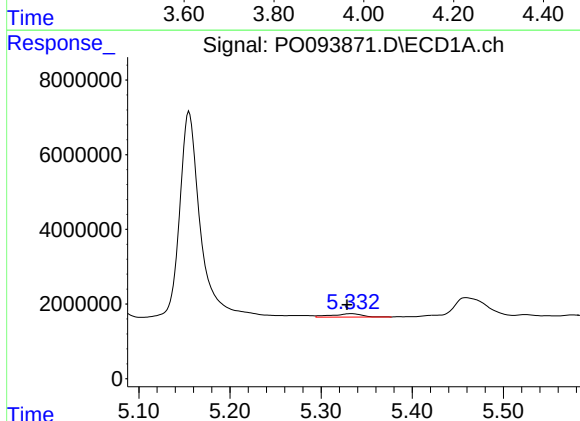
R.T.: 4.821 min
Delta R.T.: 0.026 min
Response: 8917963
Conc: 102.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



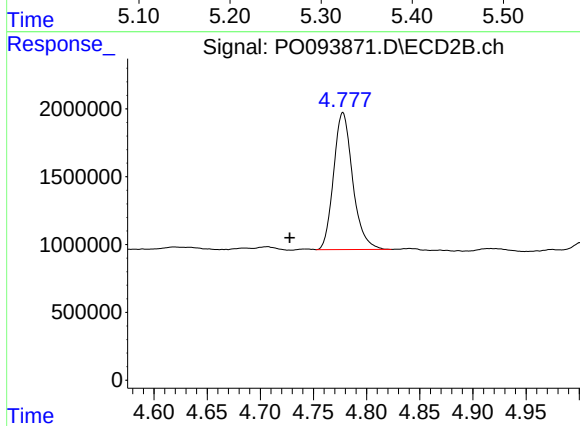
#11 AR-1232-1

R.T.: 3.940 min
Delta R.T.: -0.060 min
Response: 86697820
Conc: 2775.16 ng/ml



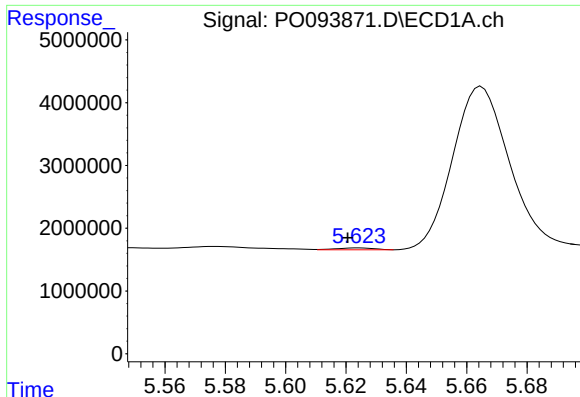
#12 AR-1232-2

R.T.: 5.333 min
Delta R.T.: 0.004 min
Response: 2008674
Conc: 46.97 ng/ml



#12 AR-1232-2

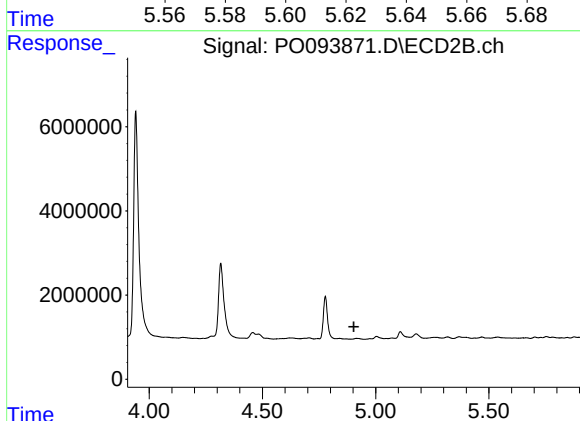
R.T.: 4.778 min
Delta R.T.: 0.050 min
Response: 12643066
Conc: 477.57 ng/ml



#13 AR-1232-3

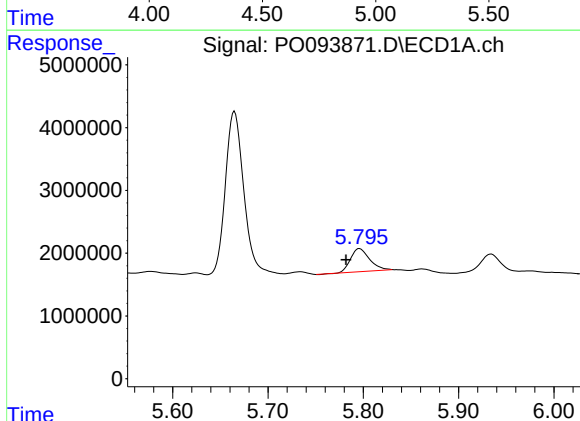
R.T.: 5.624 min
Delta R.T.: 0.004 min
Response: 240660
Conc: 3.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



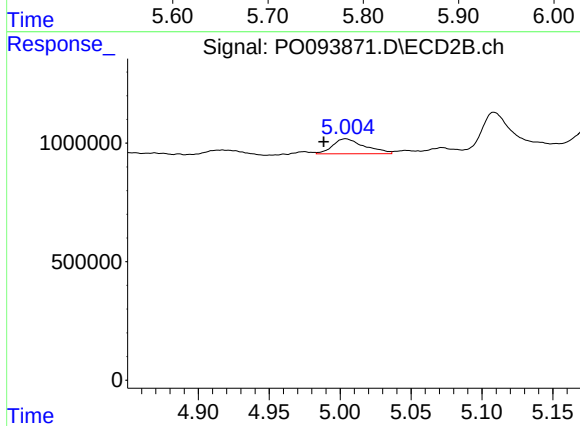
#13 AR-1232-3

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



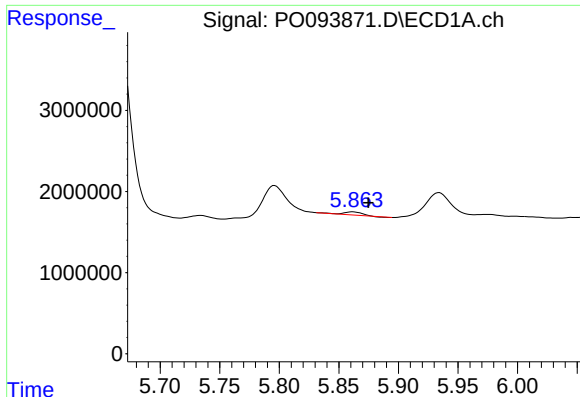
#14 AR-1232-4

R.T.: 5.796 min
Delta R.T.: 0.014 min
Response: 5162426
Conc: 149.97 ng/ml



#14 AR-1232-4

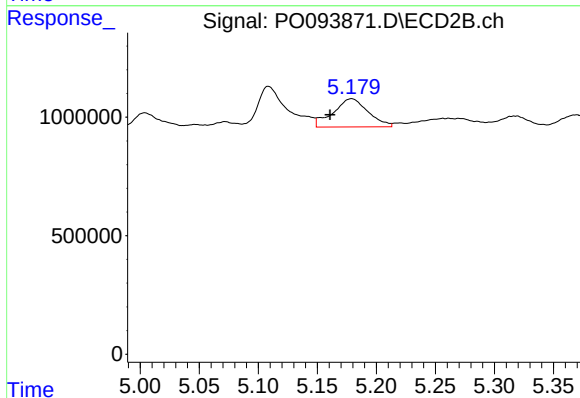
R.T.: 5.004 min
Delta R.T.: 0.016 min
Response: 994260
Conc: 69.96 ng/ml



#15 AR-1232-5

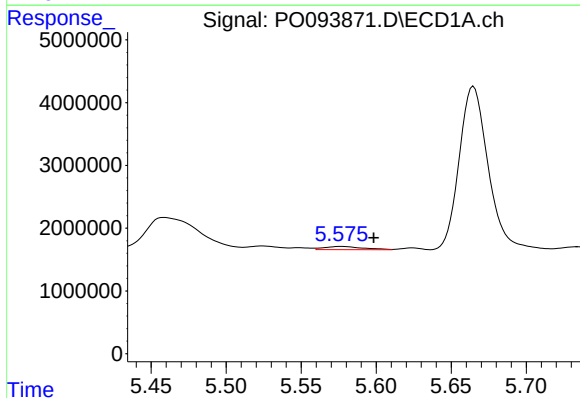
R.T.: 5.862 min
Delta R.T.: -0.013 min
Response: 423243
Conc: 13.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



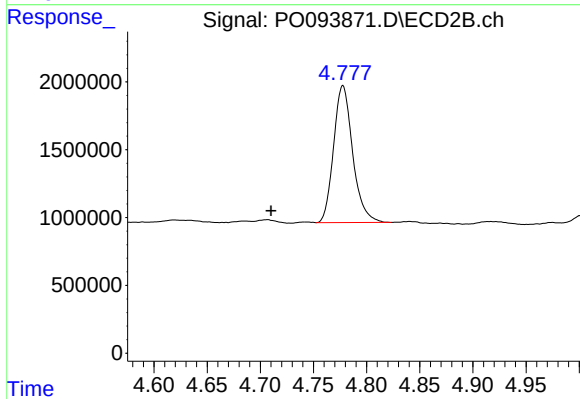
#15 AR-1232-5

R.T.: 5.179 min
Delta R.T.: 0.018 min
Response: 2452778
Conc: 158.77 ng/ml



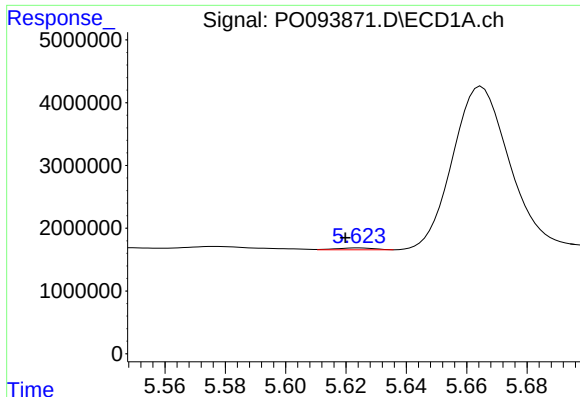
#16 AR-1242-1

R.T.: 5.577 min
Delta R.T.: -0.022 min
Response: 917512
Conc: 10.51 ng/ml



#16 AR-1242-1

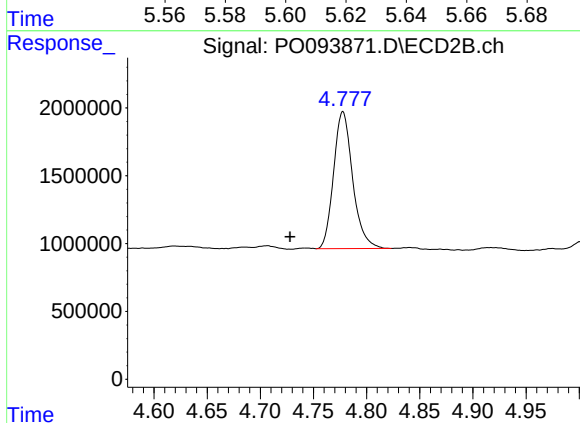
R.T.: 4.778 min
Delta R.T.: 0.068 min
Response: 12643066
Conc: 410.85 ng/ml



#17 AR-1242-2

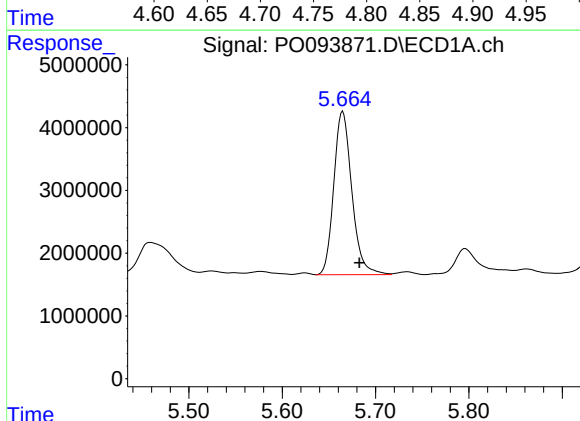
R.T.: 5.624 min
Delta R.T.: 0.004 min
Response: 240660
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



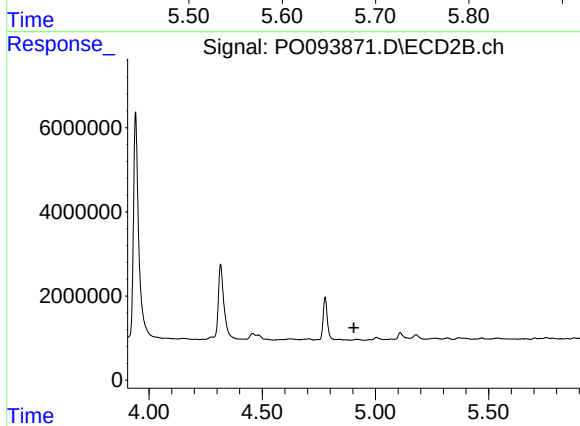
#17 AR-1242-2

R.T.: 4.778 min
Delta R.T.: 0.050 min
Response: 12643066
Conc: 274.88 ng/ml



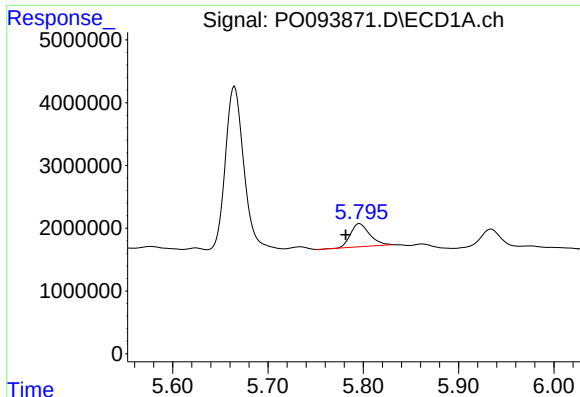
#18 AR-1242-3

R.T.: 5.665 min
Delta R.T.: -0.018 min
Response: 34943550
Conc: 411.65 ng/ml



#18 AR-1242-3

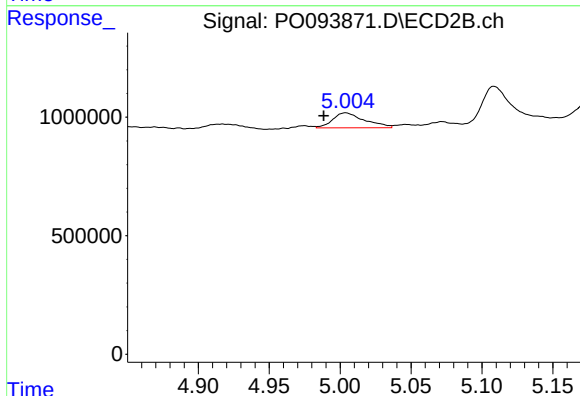
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

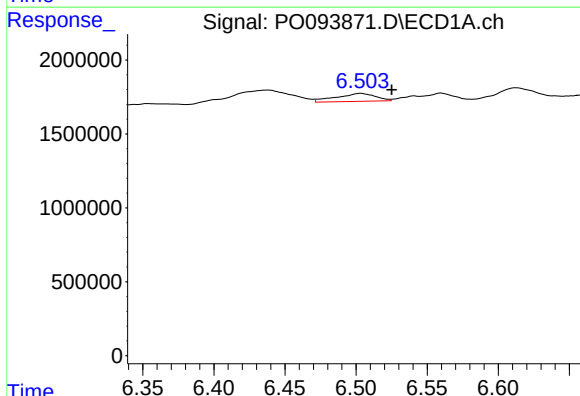
R.T.: 5.796 min
Delta R.T.: 0.015 min
Response: 5162426
Conc: 82.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



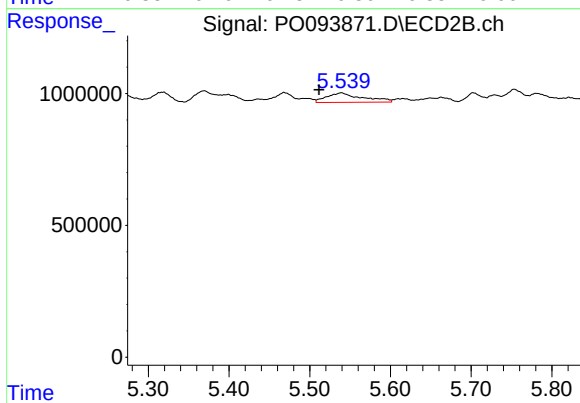
#19 AR-1242-4

R.T.: 5.004 min
Delta R.T.: 0.016 min
Response: 994260
Conc: 35.42 ng/ml



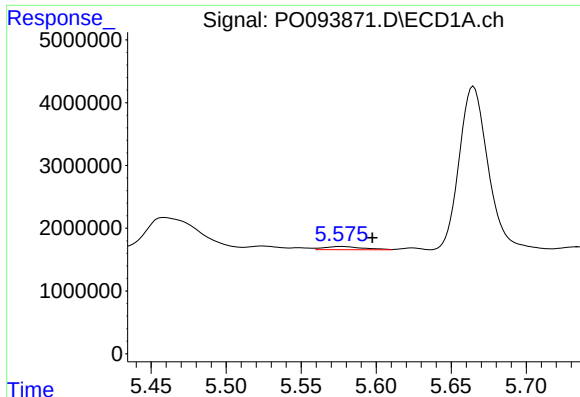
#20 AR-1242-5

R.T.: 6.503 min
Delta R.T.: -0.022 min
Response: 1042585
Conc: 15.48 ng/ml



#20 AR-1242-5

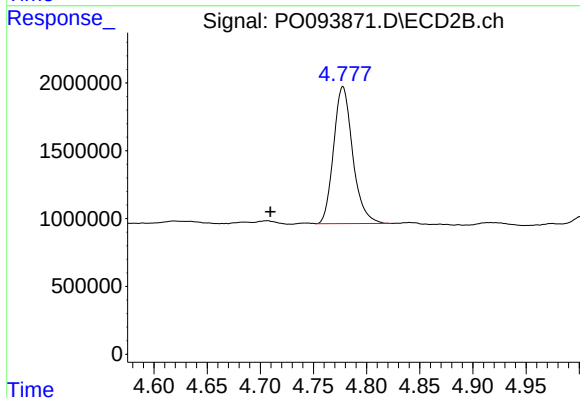
R.T.: 5.539 min
Delta R.T.: 0.027 min
Response: 1111300
Conc: 38.98 ng/ml



#21 AR-1248-1

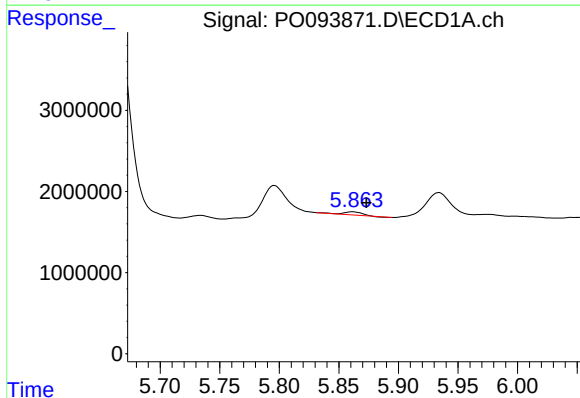
R.T.: 5.577 min
Delta R.T.: -0.021 min
Response: 917512
Conc: 13.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



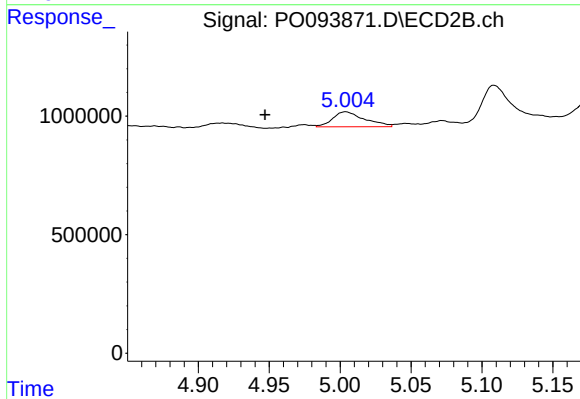
#21 AR-1248-1

R.T.: 4.778 min
Delta R.T.: 0.068 min
Response: 12643066
Conc: 530.07 ng/ml



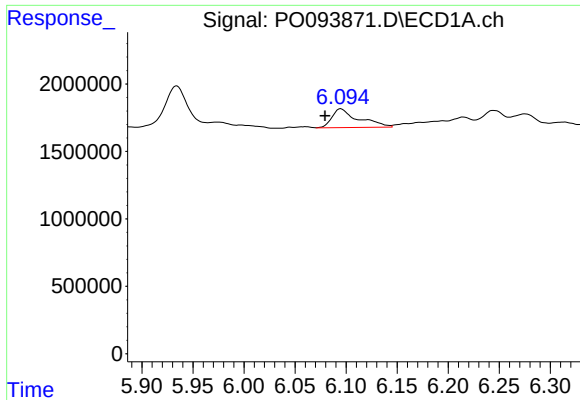
#22 AR-1248-2

R.T.: 5.862 min
Delta R.T.: -0.011 min
Response: 423243
Conc: 3.87 ng/ml



#22 AR-1248-2

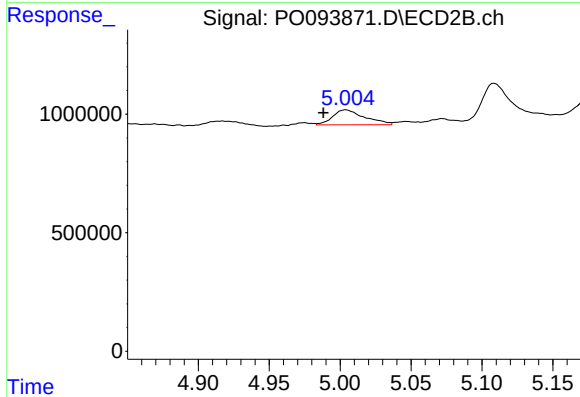
R.T.: 5.004 min
Delta R.T.: 0.057 min
Response: 994260
Conc: 24.96 ng/ml



#23 AR-1248-3

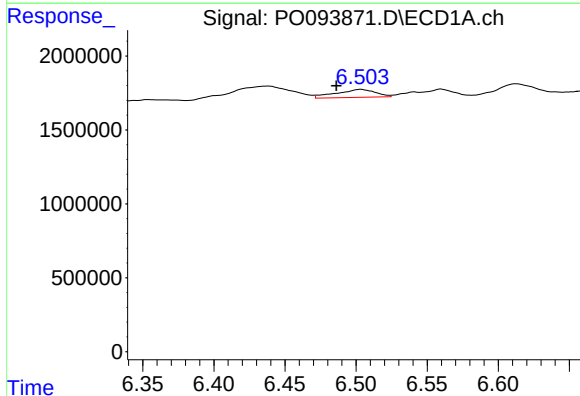
R.T.: 6.095 min
Delta R.T.: 0.016 min
Response: 2527767
Conc: 20.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



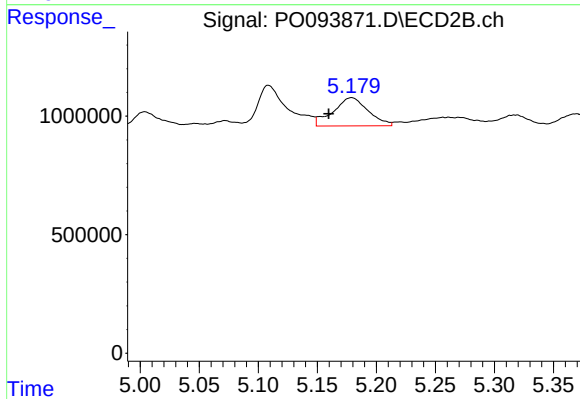
#23 AR-1248-3

R.T.: 5.004 min
Delta R.T.: 0.016 min
Response: 994260
Conc: 23.82 ng/ml



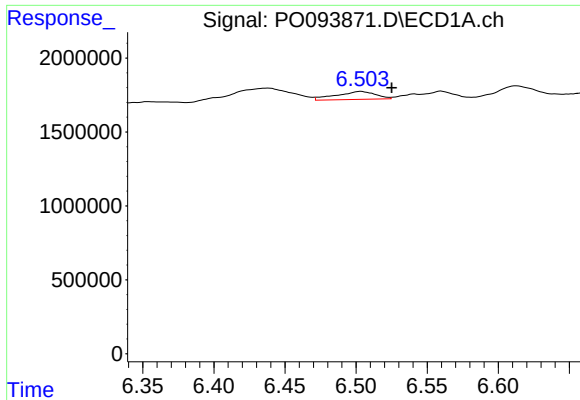
#24 AR-1248-4

R.T.: 6.503 min
Delta R.T.: 0.017 min
Response: 1042585
Conc: 9.71 ng/ml



#24 AR-1248-4

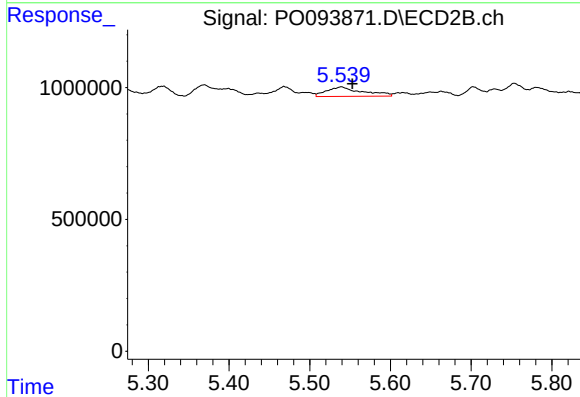
R.T.: 5.179 min
Delta R.T.: 0.019 min
Response: 2452778
Conc: 52.16 ng/ml



#25 AR-1248-5

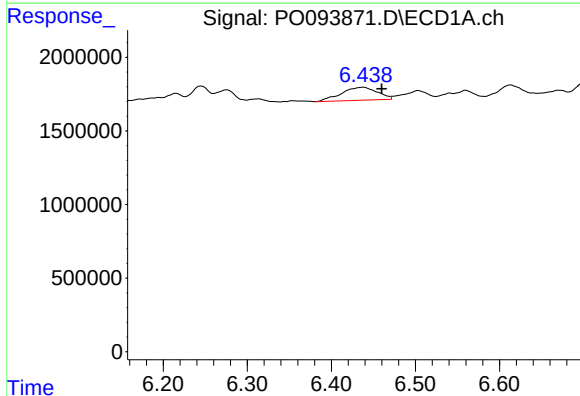
R.T.: 6.503 min
Delta R.T.: -0.022 min
Response: 1042585
Conc: 8.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



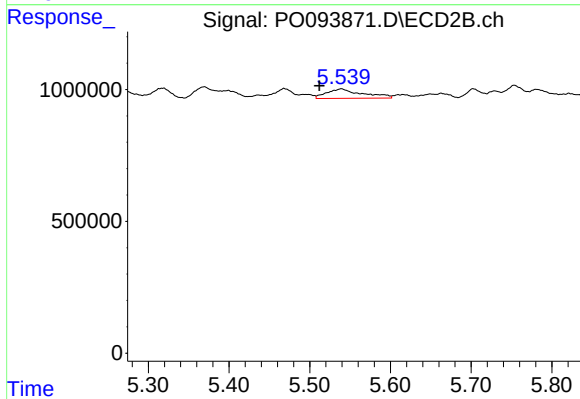
#25 AR-1248-5

R.T.: 5.539 min
Delta R.T.: -0.014 min
Response: 1111300
Conc: 29.77 ng/ml



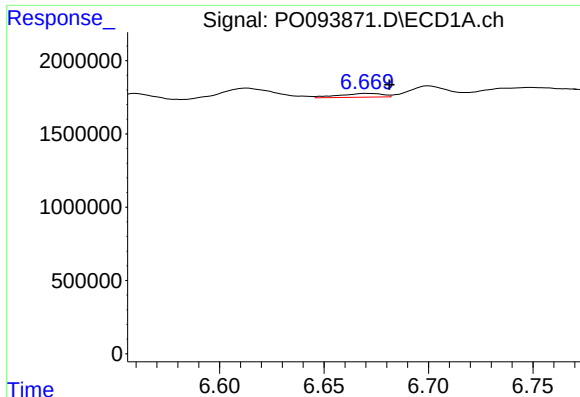
#26 AR-1254-1

R.T.: 6.438 min
Delta R.T.: -0.022 min
Response: 2642066
Conc: 19.48 ng/ml



#26 AR-1254-1

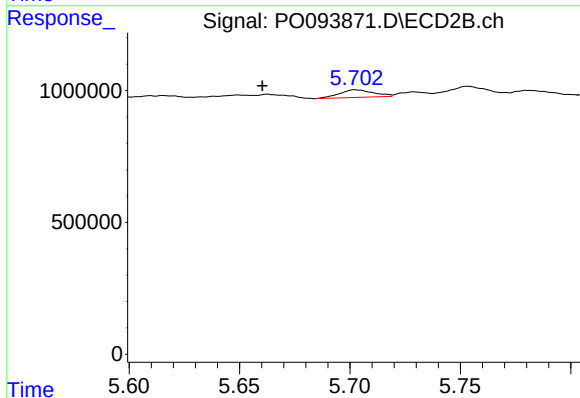
R.T.: 5.539 min
Delta R.T.: 0.027 min
Response: 1111300
Conc: 16.26 ng/ml



#27 AR-1254-2

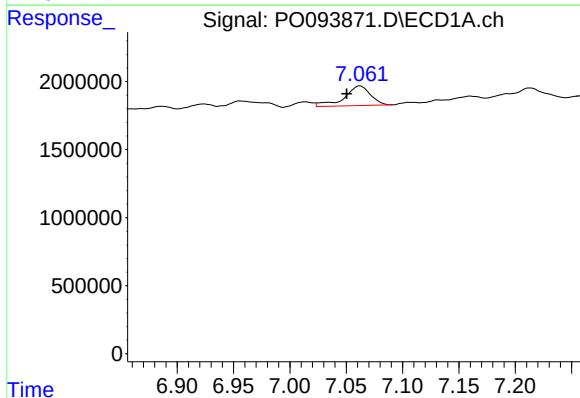
R.T.: 6.671 min
Delta R.T.: -0.010 min
Response: 362970
Conc: 1.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



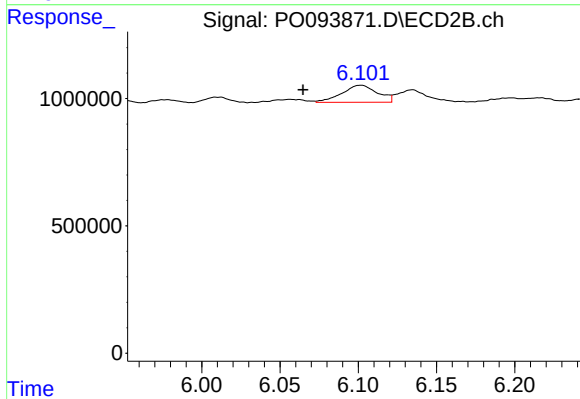
#27 AR-1254-2

R.T.: 5.703 min
Delta R.T.: 0.042 min
Response: 309504
Conc: 5.08 ng/ml



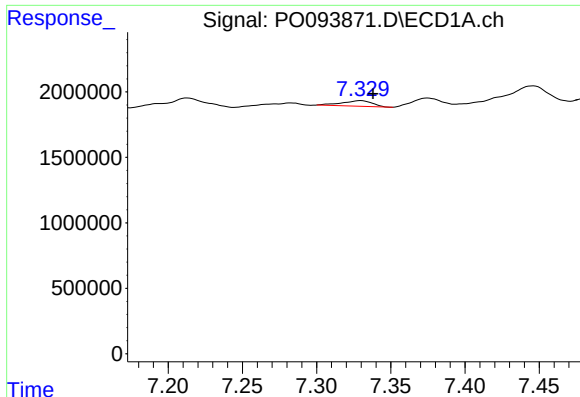
#28 AR-1254-3

R.T.: 7.062 min
Delta R.T.: 0.012 min
Response: 2334958
Conc: 12.64 ng/ml



#28 AR-1254-3

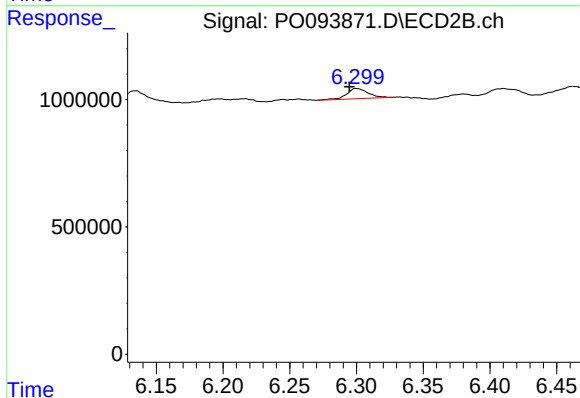
R.T.: 6.102 min
Delta R.T.: 0.037 min
Response: 1061604
Conc: 11.65 ng/ml



#29 AR-1254-4

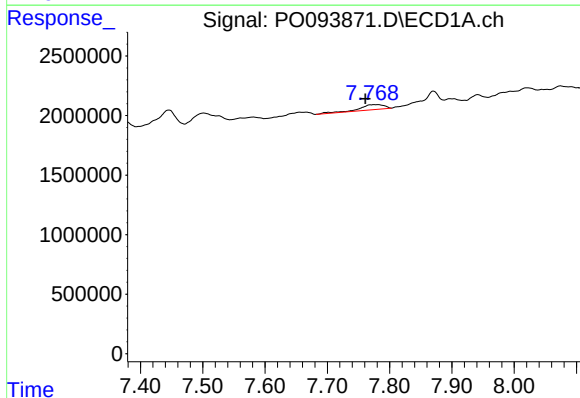
R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 601556
Conc: 5.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



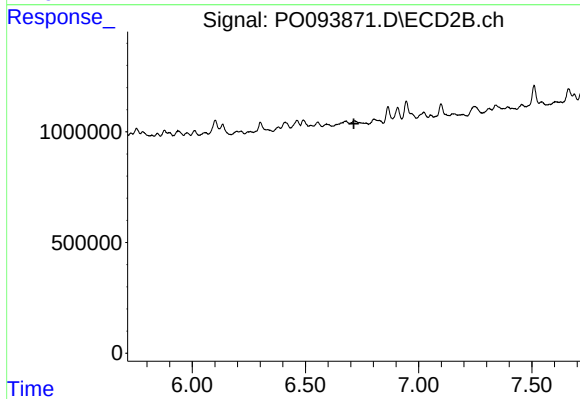
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: 0.006 min
Response: 443108
Conc: 10.40 ng/ml



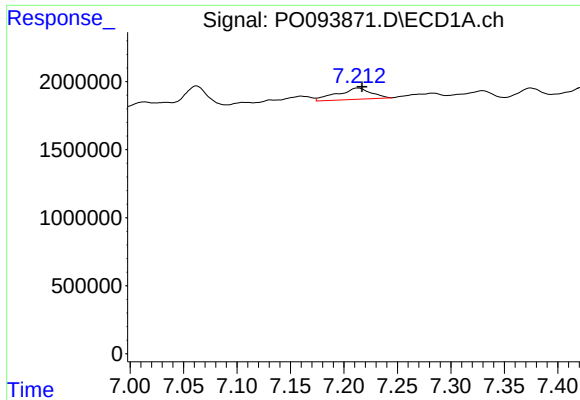
#30 AR-1254-5

R.T.: 7.780 min
Delta R.T.: 0.019 min
Response: 1201798
Conc: 8.86 ng/ml



#30 AR-1254-5

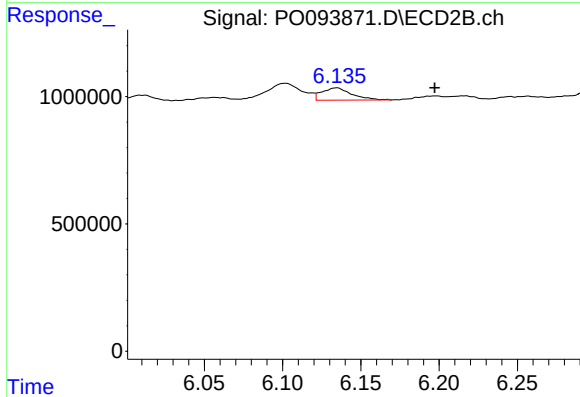
R.T.: 0.000 min
Exp R.T.: 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

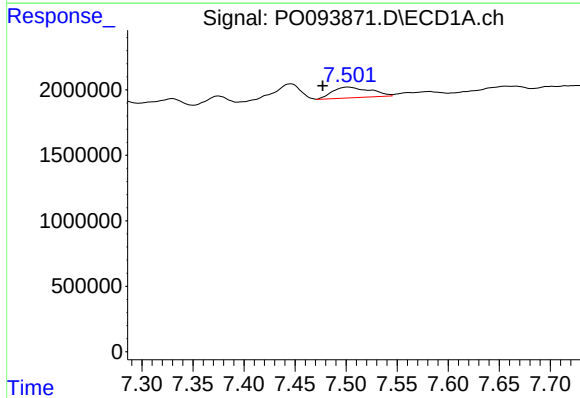
R.T.: 7.213 min
Delta R.T.: -0.004 min
Response: 1818243
Conc: 12.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



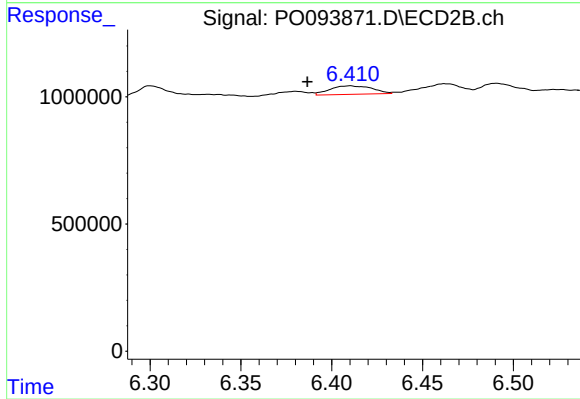
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: -0.063 min
Response: 634503
Conc: 9.73 ng/ml



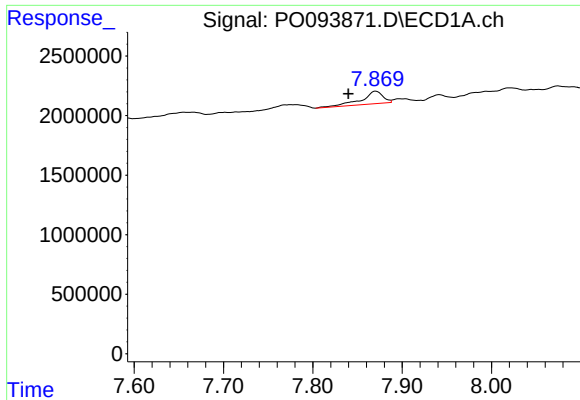
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.025 min
Response: 2115430
Conc: 13.22 ng/ml



#32 AR-1260-2

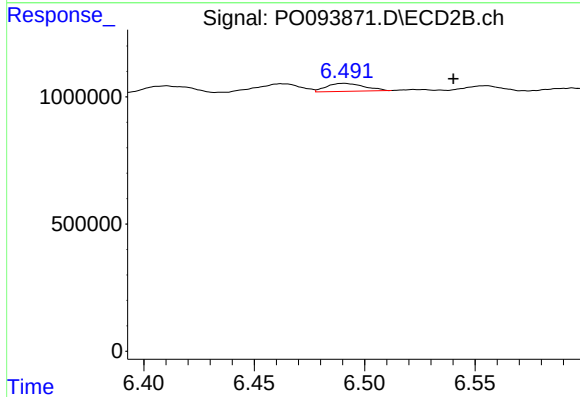
R.T.: 6.410 min
Delta R.T.: 0.023 min
Response: 544236
Conc: 7.49 ng/ml



#33 AR-1260-3

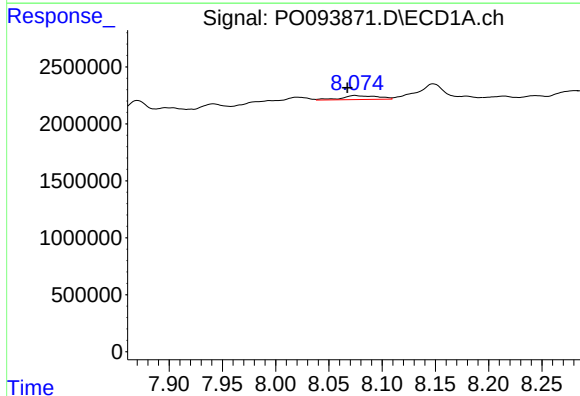
R.T.: 7.871 min
Delta R.T.: 0.031 min
Response: 1789209
Conc: 13.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



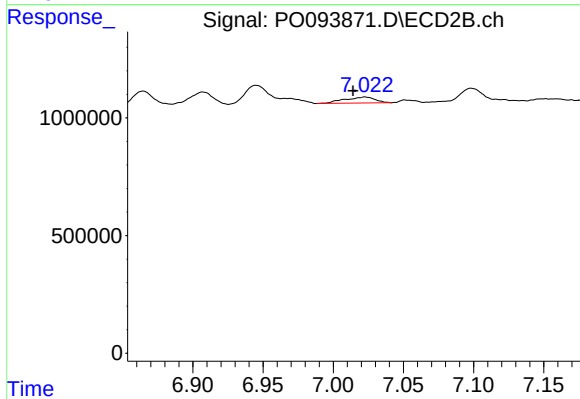
#33 AR-1260-3

R.T.: 6.490 min
Delta R.T.: -0.050 min
Response: 371955
Conc: 5.13 ng/ml



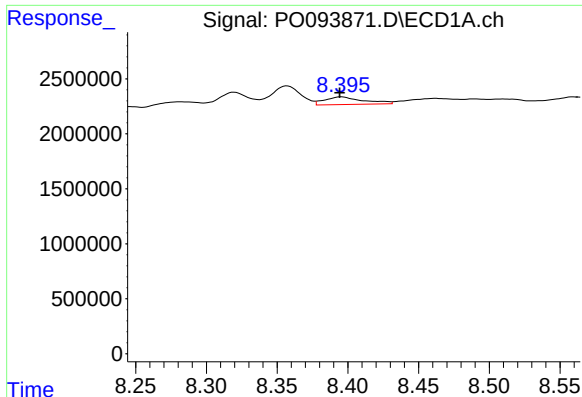
#34 AR-1260-4

R.T.: 8.075 min
Delta R.T.: 0.007 min
Response: 842838
Conc: 6.12 ng/ml



#34 AR-1260-4

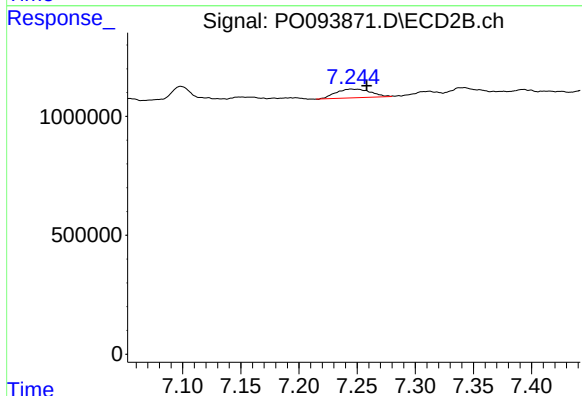
R.T.: 7.023 min
Delta R.T.: 0.009 min
Response: 385633
Conc: 6.94 ng/ml



#35 AR-1260-5

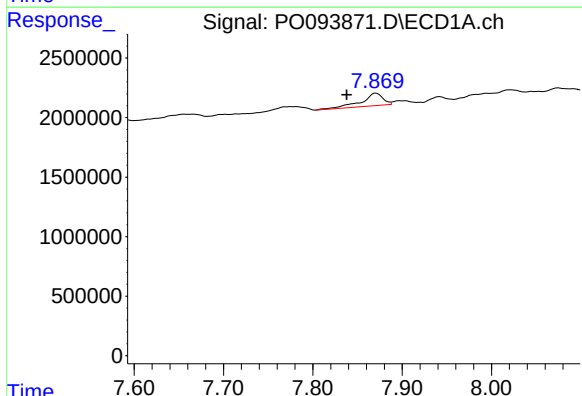
R.T.: 8.396 min
Delta R.T.: 0.001 min
Response: 1336825
Conc: 6.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



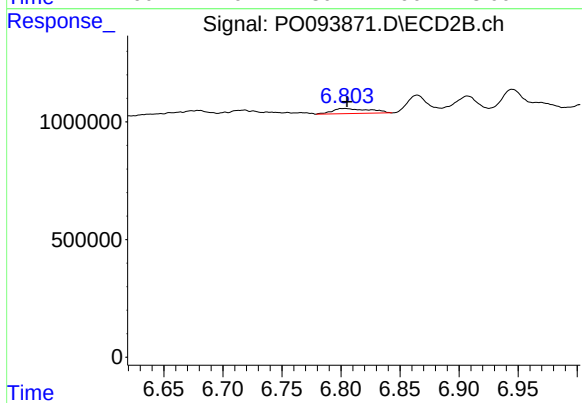
#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.013 min
Response: 761908
Conc: 7.34 ng/ml



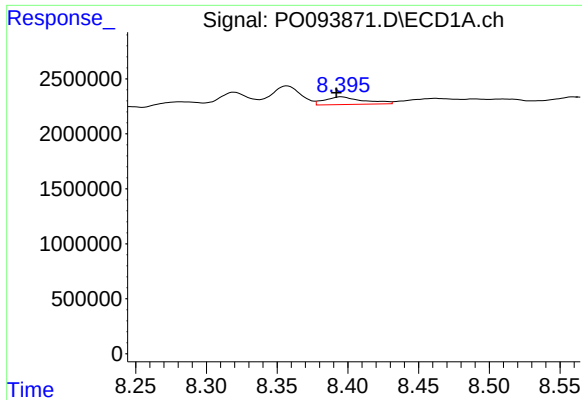
#36 AR-1262-1

R.T.: 7.871 min
Delta R.T.: 0.033 min
Response: 1789209
Conc: 10.47 ng/ml



#36 AR-1262-1

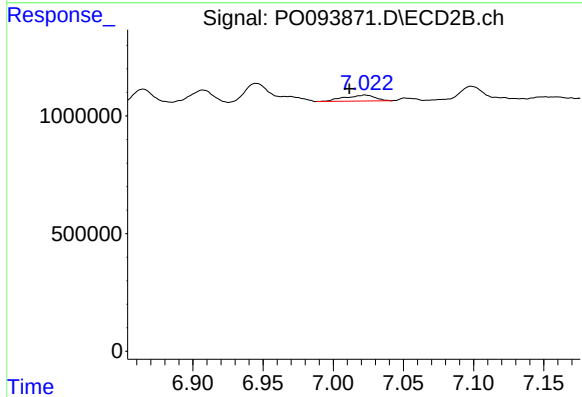
R.T.: 6.803 min
Delta R.T.: -0.002 min
Response: 468936
Conc: 13.40 ng/ml



#37 AR-1262-2

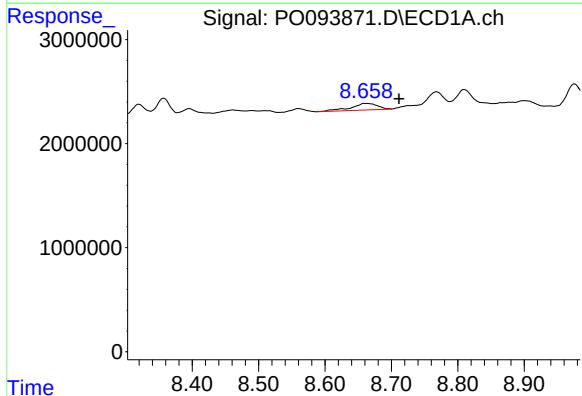
R.T.: 8.396 min
Delta R.T.: 0.004 min
Response: 1336825
Conc: 5.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



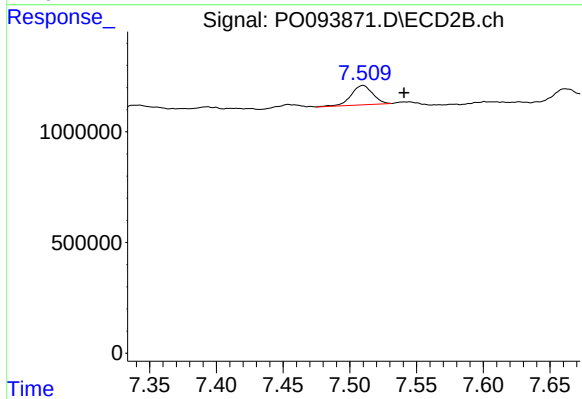
#37 AR-1262-2

R.T.: 7.023 min
Delta R.T.: 0.011 min
Response: 385633
Conc: 5.46 ng/ml



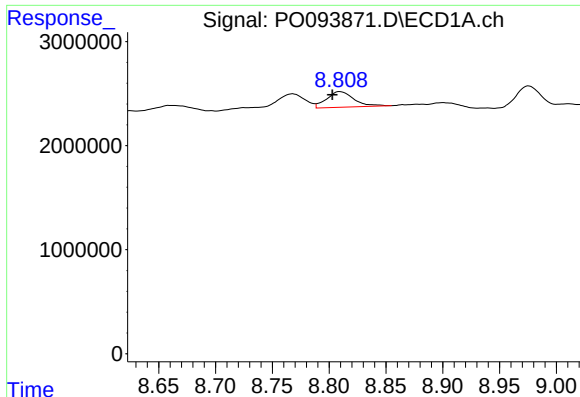
#38 AR-1262-3

R.T.: 8.662 min
Delta R.T.: -0.050 min
Response: 1739625
Conc: 10.62 ng/ml



#38 AR-1262-3

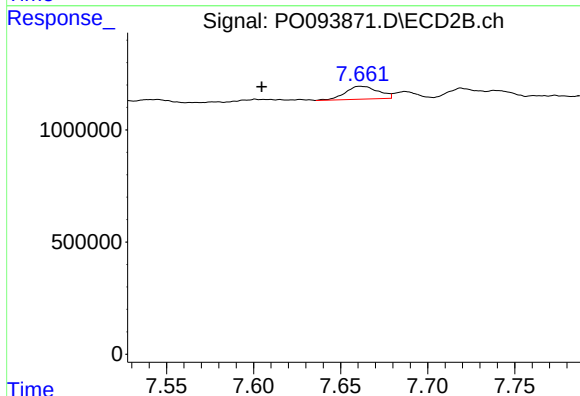
R.T.: 7.510 min
Delta R.T.: -0.031 min
Response: 987156
Conc: 19.73 ng/ml



#39 AR-1262-4

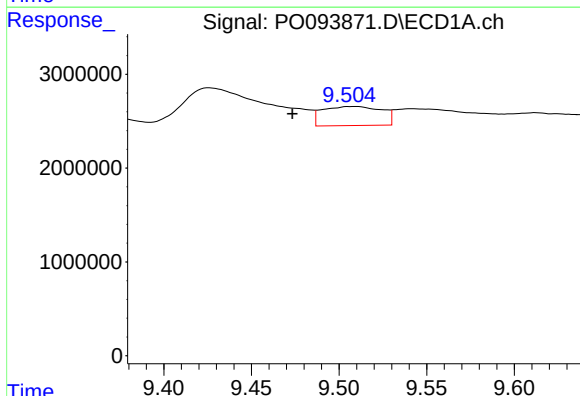
R.T.: 8.810 min
Delta R.T.: 0.007 min
Response: 2492732
Conc: 24.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



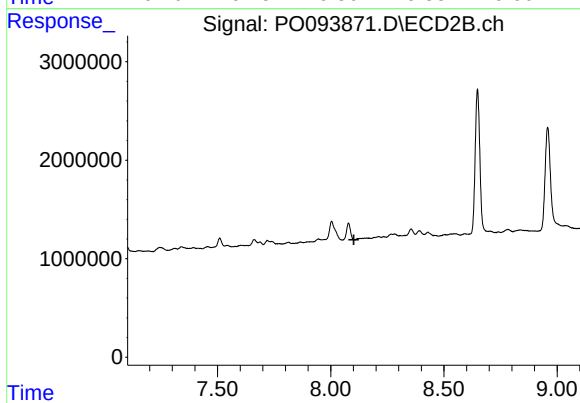
#39 AR-1262-4

R.T.: 7.662 min
Delta R.T.: 0.057 min
Response: 750807
Conc: 9.05 ng/ml



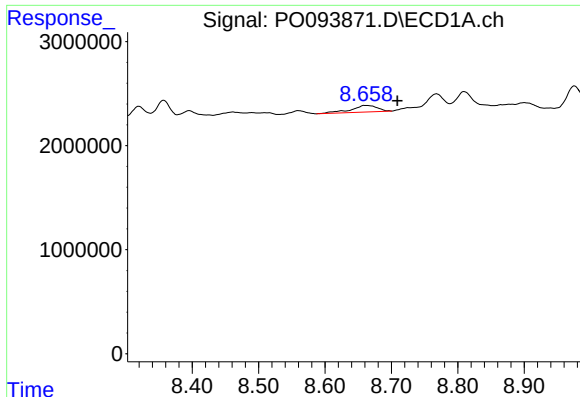
#40 AR-1262-5

R.T.: 9.508 min
Delta R.T.: 0.035 min
Response: 4764933
Conc: 59.20 ng/ml



#40 AR-1262-5

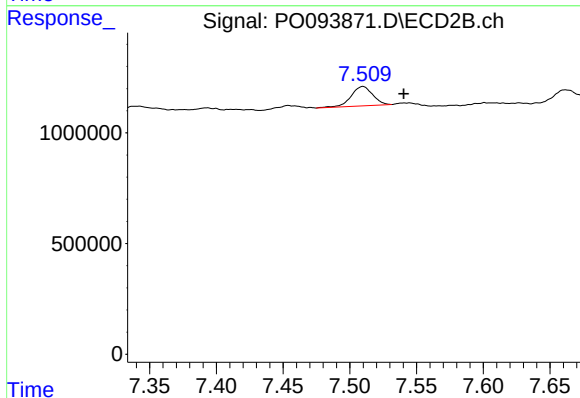
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

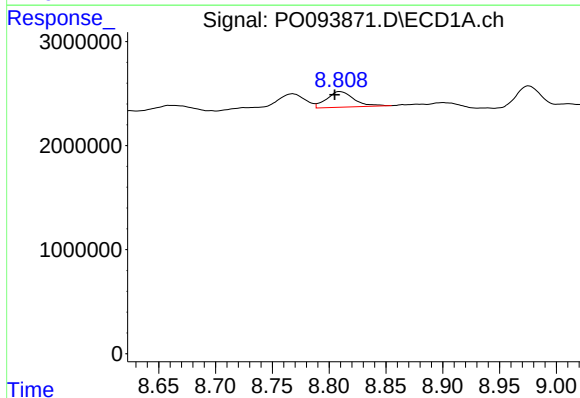
R.T.: 8.662 min
Delta R.T.: -0.048 min
Response: 1739625
Conc: 5.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



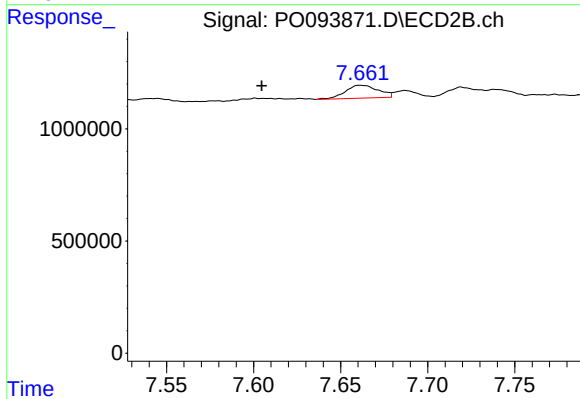
#41 AR-1268-1

R.T.: 7.510 min
Delta R.T.: -0.031 min
Response: 987156
Conc: 6.46 ng/ml



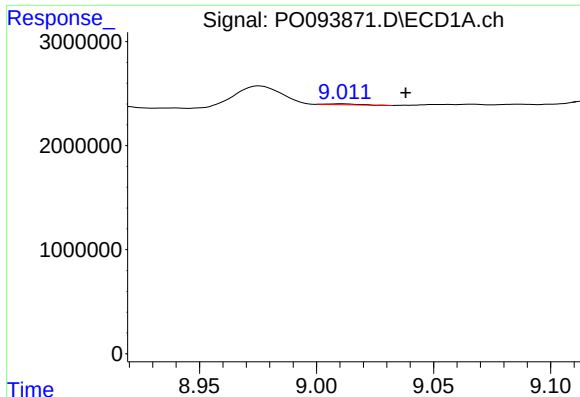
#42 AR-1268-2

R.T.: 8.810 min
Delta R.T.: 0.005 min
Response: 2492732
Conc: 7.75 ng/ml



#42 AR-1268-2

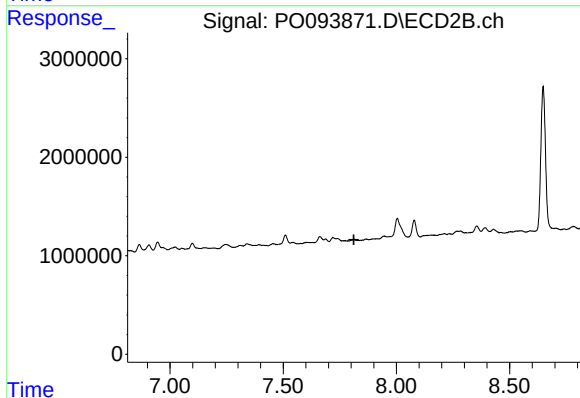
R.T.: 7.662 min
Delta R.T.: 0.057 min
Response: 750807
Conc: 5.53 ng/ml



#43 AR-1268-3

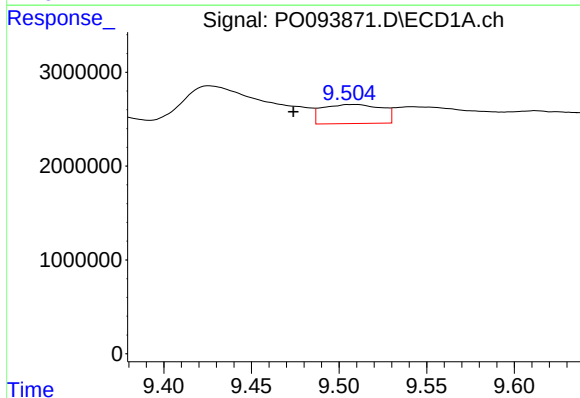
R.T.: 9.011 min
Delta R.T.: -0.028 min
Response: 77993
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



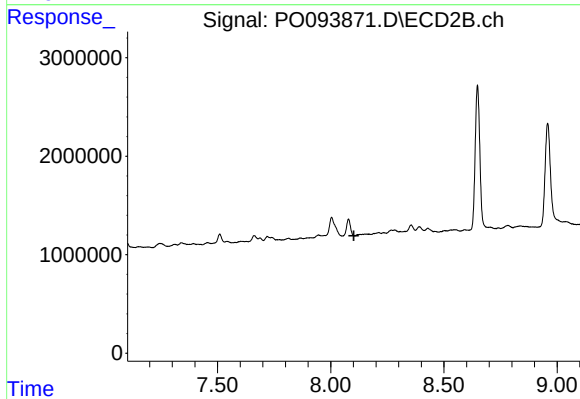
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



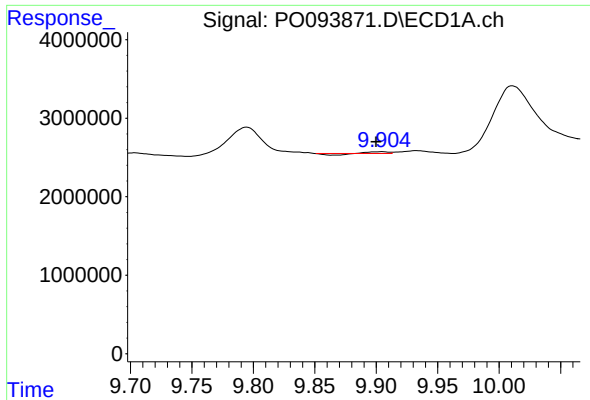
#44 AR-1268-4

R.T.: 9.508 min
Delta R.T.: 0.034 min
Response: 4764933
Conc: 49.28 ng/ml



#44 AR-1268-4

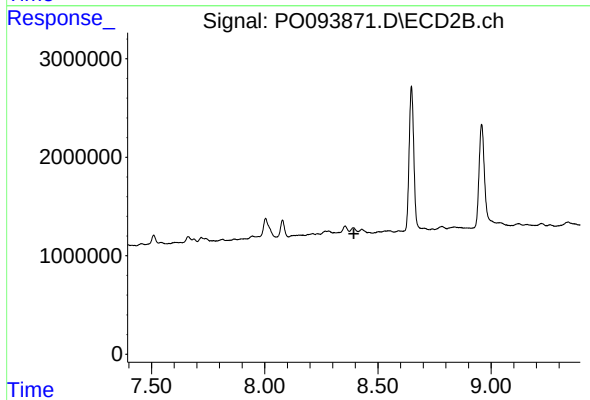
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.905 min
Delta R.T.: 0.005 min
Response: 35402
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: -0.003 min
Response: -51467
Conc: N.D.