

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0031623\
 Data File : P0093224.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2023 17:56
 Operator : YP/AJ
 Sample : 01932-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 22:03:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.428	3.633	58726378	19490150	18.753	17.281
2)	SA Decachlor...	10.265	8.665	35600512	14698900	16.449	15.012
Target Compounds							
3)	L1 AR-1016-1	5.626	0.000	6873228	0	71.932	N.D. #
4)	L1 AR-1016-2	5.626	0.000	6873228	0	48.135	N.D. #
5)	L1 AR-1016-3	5.690	4.929	1282096	844359	14.130	30.520 #
6)	L1 AR-1016-4	5.788	4.929	-13821	844359	N.D.	33.959 #
7)	L1 AR-1016-5	6.083	5.158	8755829	348912	116.944	11.024 #
8)	L2 AR-1221-1	4.634	0.000	1475135	0	36.493	N.D. #
9)	L2 AR-1221-2	4.736	3.931	1495621	1868665	49.353	171.112 #
10)	L2 AR-1221-3	4.814	4.052f	1131472	2246891	12.376	65.955 #
11)	L3 AR-1232-1	4.814	4.052f	1131472	2246891	15.498	79.552 #
12)	L3 AR-1232-2	5.339	0.000	7240980	0	201.382	N.D. #
13)	L3 AR-1232-3	5.626	4.929	6873228	844359	104.991	66.738 #
14)	L3 AR-1232-4	5.788	5.015	-13821	1011770	N.D.	78.997 #
15)	L3 AR-1232-5	5.886	5.158	87026	348912	3.136	24.879 #
16)	L4 AR-1242-1	5.626	0.000	6873228	0	83.857	N.D. #
17)	L4 AR-1242-2	5.626	0.000	6873228	0	57.266	N.D. #
18)	L4 AR-1242-3	5.690	4.929	1282096	844359	16.705	36.115 #
19)	L4 AR-1242-4	5.788	5.015	-13821	1011770	N.D.	38.839 #
20)	L4 AR-1242-5	6.549	5.526	9131013	1839640	146.120	64.397 #
21)	L5 AR-1248-1	5.626	0.000	6873228	0	110.566	N.D. #
22)	L5 AR-1248-2	5.886	4.929	87026	844359	0.911	23.299 #
23)	L5 AR-1248-3	6.083	5.015	8755829	1011770	84.143	26.961 #
24)	L5 AR-1248-4	6.503	5.158	6912629	348912	67.883	8.110 #
25)	L5 AR-1248-5	6.549	5.572	9131013	1377910	89.206	37.466 #
26)	L6 AR-1254-1	6.465	5.526	8534170	1839640	73.029	29.311 #
27)	L6 AR-1254-2	6.693	5.671	16102061	1448959	94.237	25.713 #
28)	L6 AR-1254-3	7.067	6.093	11193856	5021380	67.336	58.324
29)	L6 AR-1254-4	7.349	6.301	1173310	1709920	11.007	37.391 #
30)	L6 AR-1254-5	7.763	6.724	5810135	7186334	42.908	97.307 #
31)	L7 AR-1260-1	7.198	6.204	16327754	4457915	126.032	73.323 #
32)	L7 AR-1260-2	7.473	6.416	5713850	6483096	38.705	89.673 #
33)	L7 AR-1260-3	7.848	6.551	1238986	2159697	11.015	32.298 #
34)	L7 AR-1260-4	8.078	7.023	1078378	564374	8.409	10.255
35)	L7 AR-1260-5	8.401	7.261	8017833	9479071	35.884	80.515 #
36)	L8 AR-1262-1	7.763	6.724	5810135	7186334	58.450	192.310 #
37)	L8 AR-1262-2	8.401	7.261	8017833	9479071	33.784	79.600 #
38)	L8 AR-1262-3	8.729	7.617	2990231	1430014	17.706	15.821
39)	L8 AR-1262-4	8.818	7.617	872555	1430014	9.742	15.821 #
40)	L8 AR-1262-5	9.485	8.115	1738400	304052	18.201	7.430 #
41)	L9 AR-1268-1	8.729	7.552	2990231	746012	9.364	4.767 #

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 Operator : YP/AJ
 Sample : 01932-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

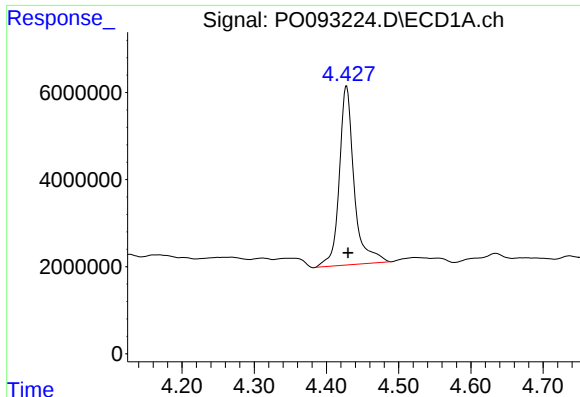
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 22:03:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.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	8.818	7.617	872555	1430014	3.006	10.243 #
43) L9	AR-1268-3	0.000	7.891f	0	287372	N.D.	2.309 #
44) L9	AR-1268-4	9.485	8.115	1738400	304052	16.278	6.166 #
45) L9	AR-1268-5	9.913	8.411	573973	331148	0.715	0.938 #

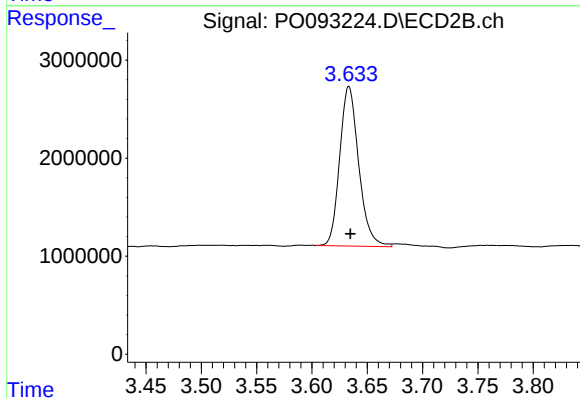
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

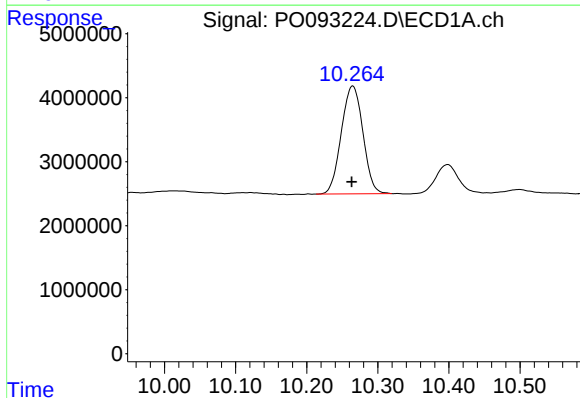
R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 58726378
Conc: 18.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



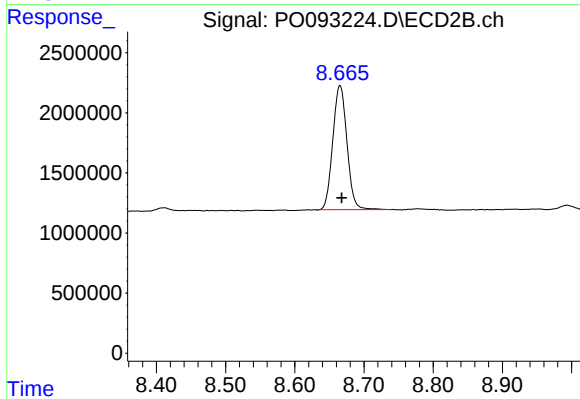
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: -0.001 min
Response: 19490150
Conc: 17.28 ng/ml



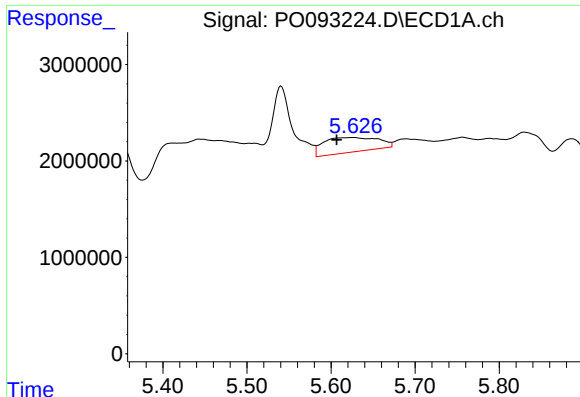
#2 Decachlorobiphenyl

R.T.: 10.265 min
Delta R.T.: 0.001 min
Response: 35600512
Conc: 16.45 ng/ml



#2 Decachlorobiphenyl

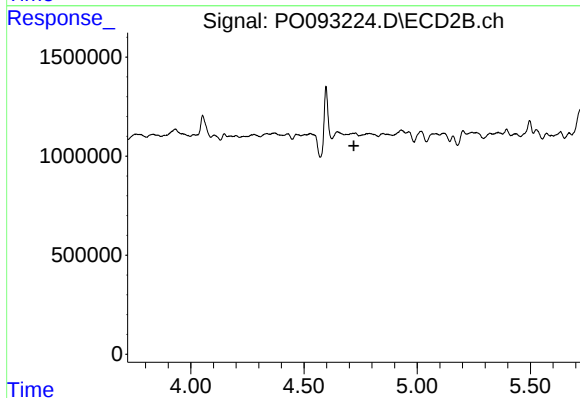
R.T.: 8.665 min
Delta R.T.: -0.003 min
Response: 14698900
Conc: 15.01 ng/ml



#3 AR-1016-1

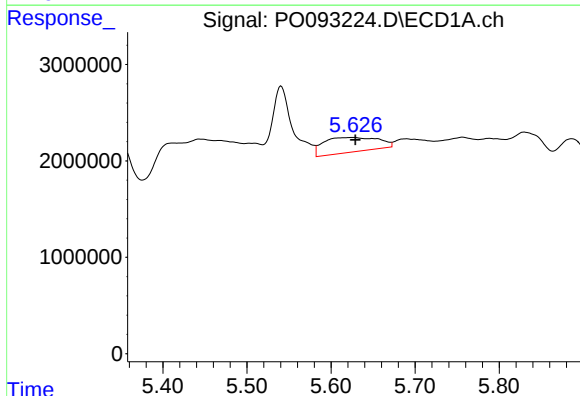
R.T.: 5.626 min
Delta R.T.: 0.020 min
Response: 6873228
Conc: 71.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



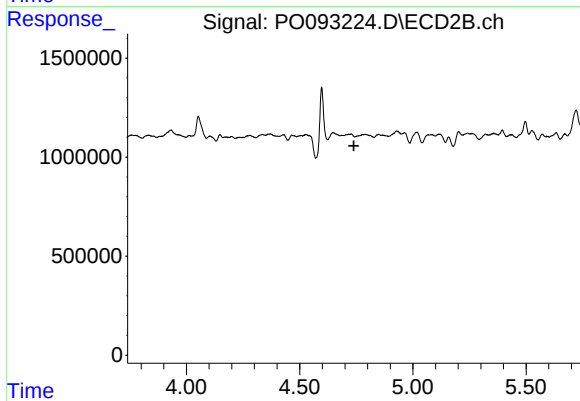
#3 AR-1016-1

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



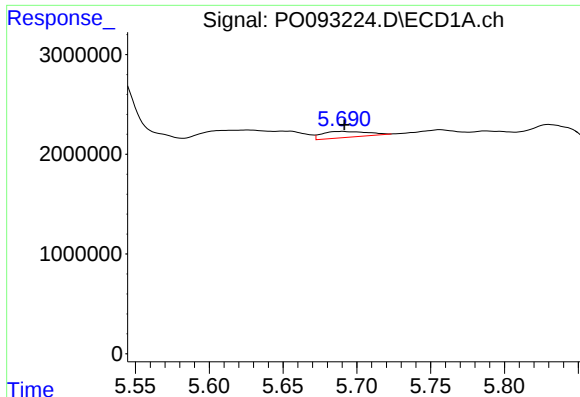
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 6873228
Conc: 48.13 ng/ml



#4 AR-1016-2

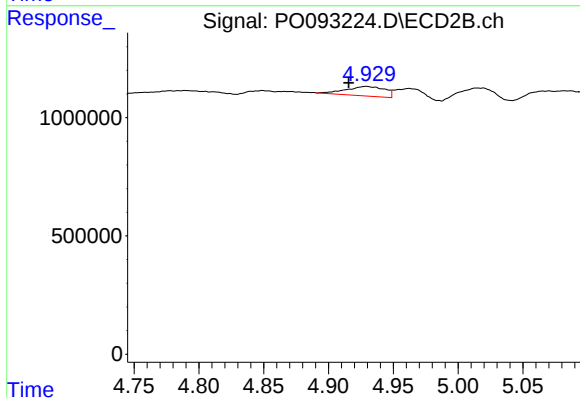
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

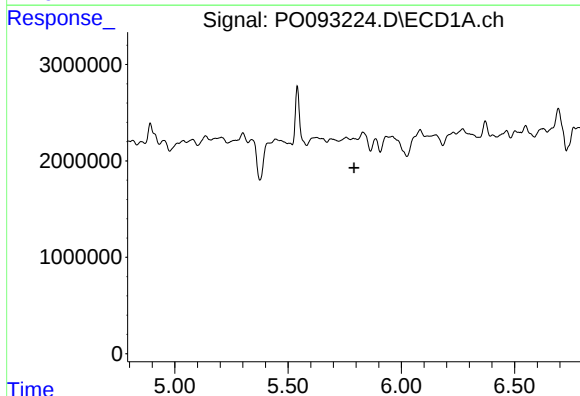
R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 1282096
Conc: 14.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



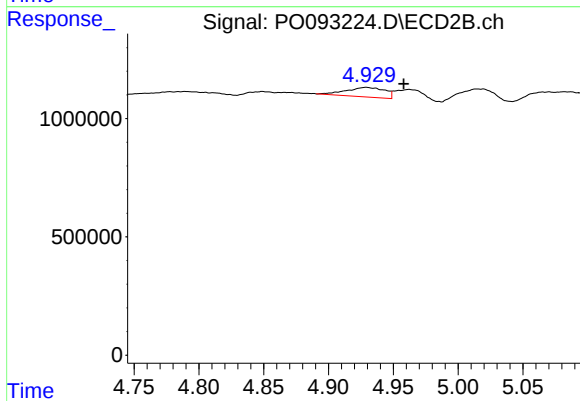
#5 AR-1016-3

R.T.: 4.929 min
Delta R.T.: 0.014 min
Response: 844359
Conc: 30.52 ng/ml



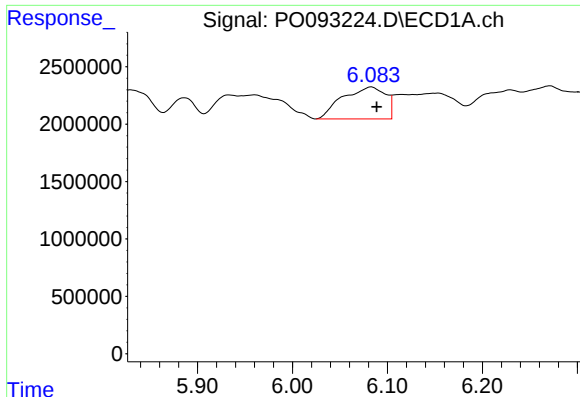
#6 AR-1016-4

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: -13821
Conc: N.D.



#6 AR-1016-4

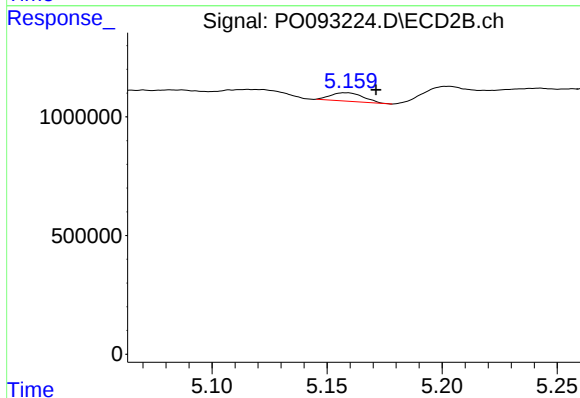
R.T.: 4.929 min
Delta R.T.: -0.029 min
Response: 844359
Conc: 33.96 ng/ml



#7 AR-1016-5

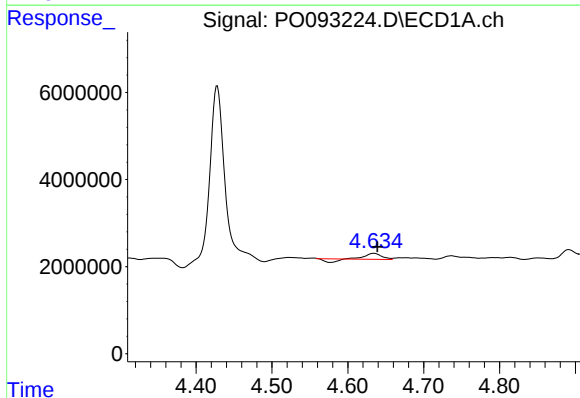
R.T.: 6.083 min
Delta R.T.: -0.006 min
Response: 8755829
Conc: 116.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



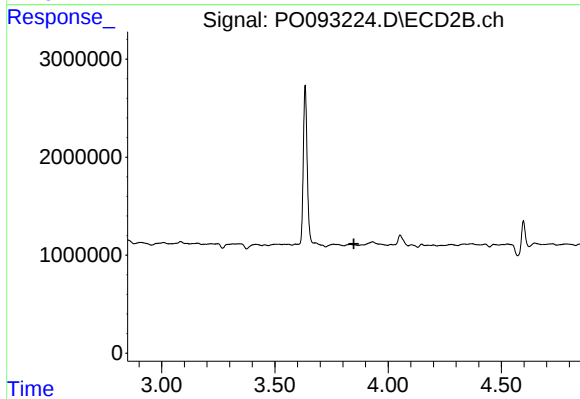
#7 AR-1016-5

R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 348912
Conc: 11.02 ng/ml



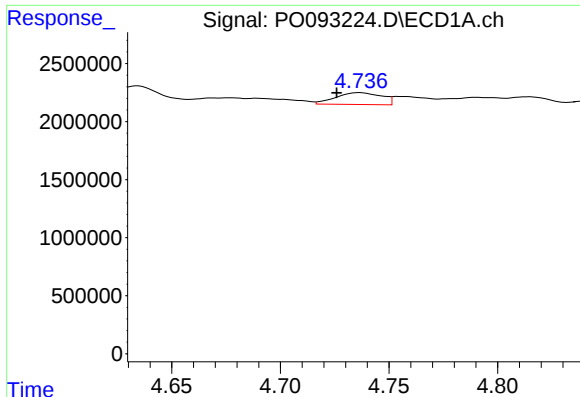
#8 AR-1221-1

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 1475135
Conc: 36.49 ng/ml



#8 AR-1221-1

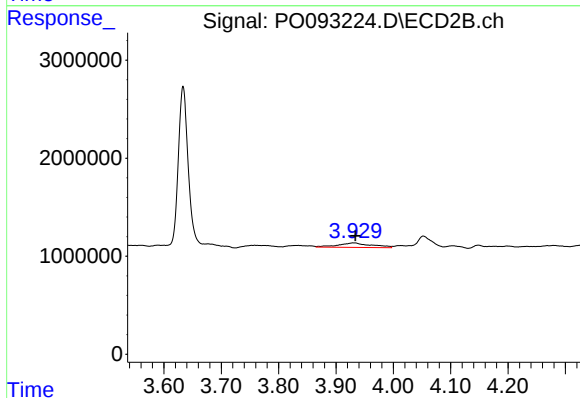
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

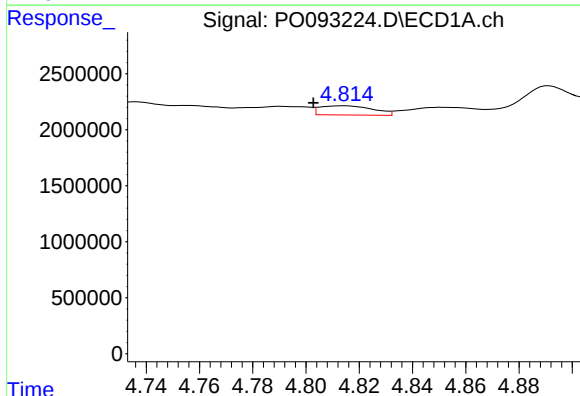
R.T.: 4.736 min
Delta R.T.: 0.011 min
Response: 1495621
Conc: 49.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



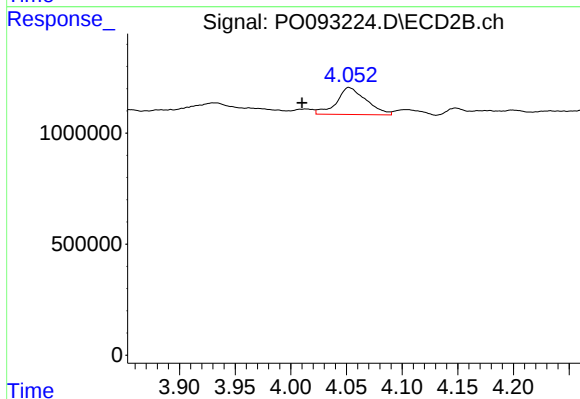
#9 AR-1221-2

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 1868665
Conc: 171.11 ng/ml



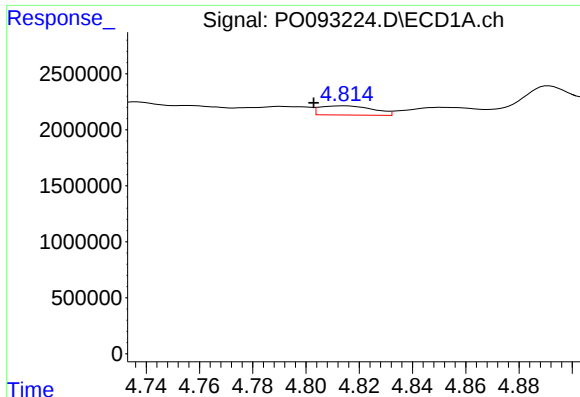
#10 AR-1221-3

R.T.: 4.814 min
Delta R.T.: 0.012 min
Response: 1131472
Conc: 12.38 ng/ml



#10 AR-1221-3

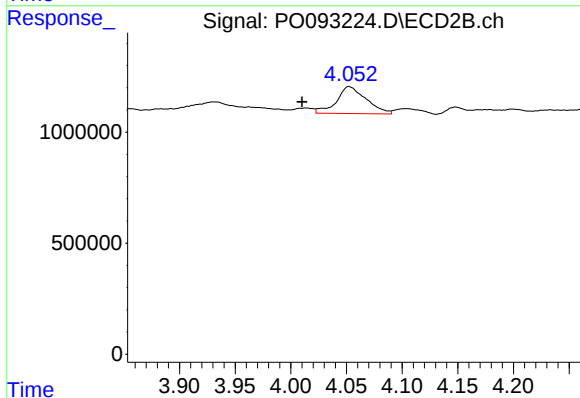
R.T.: 4.052 min
Delta R.T.: 0.042 min
Response: 2246891
Conc: 65.95 ng/ml



#11 AR-1232-1

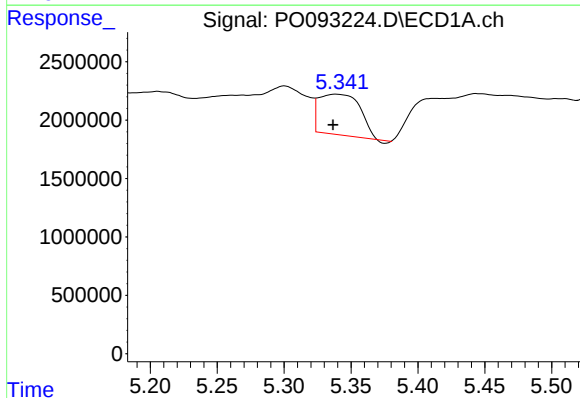
R.T.: 4.814 min
Delta R.T.: 0.012 min
Response: 1131472
Conc: 15.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



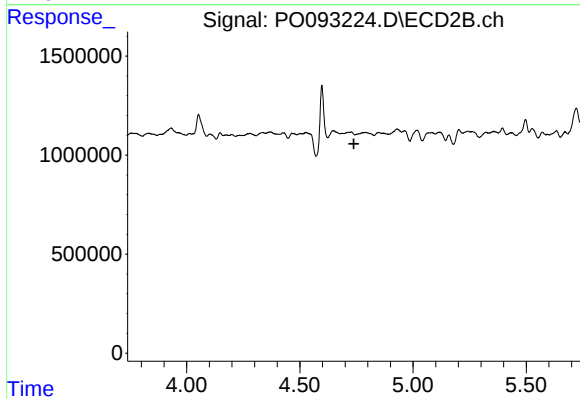
#11 AR-1232-1

R.T.: 4.052 min
Delta R.T.: 0.042 min
Response: 2246891
Conc: 79.55 ng/ml



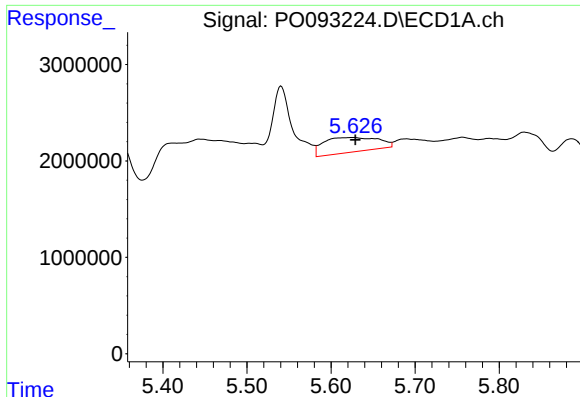
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: 0.003 min
Response: 7240980
Conc: 201.38 ng/ml



#12 AR-1232-2

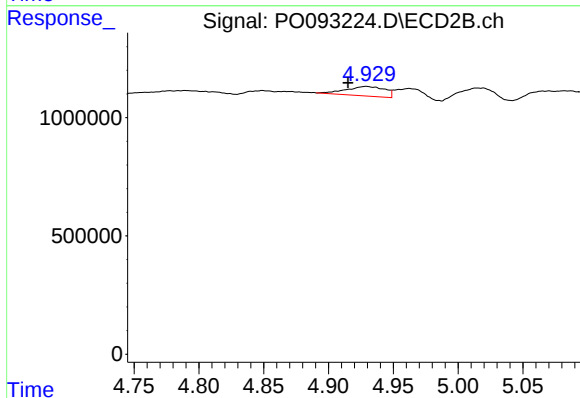
R.T.: 0.000 min
Exp R.T.: 4.739 min
Response: 0
Conc: N.D.



#13 AR-1232-3

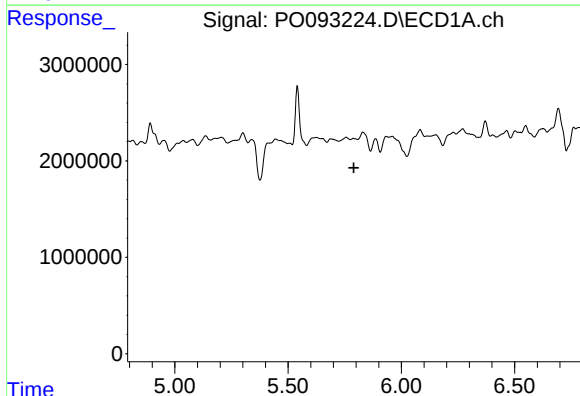
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 6873228
Conc: 104.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



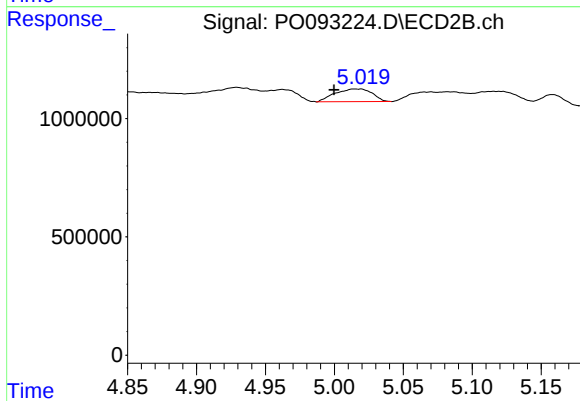
#13 AR-1232-3

R.T.: 4.929 min
Delta R.T.: 0.014 min
Response: 844359
Conc: 66.74 ng/ml



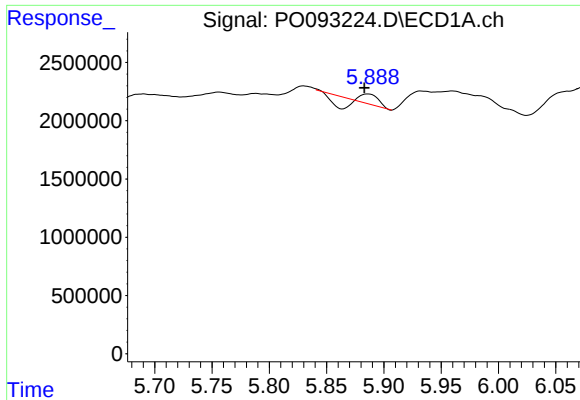
#14 AR-1232-4

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: -13821
Conc: N.D.



#14 AR-1232-4

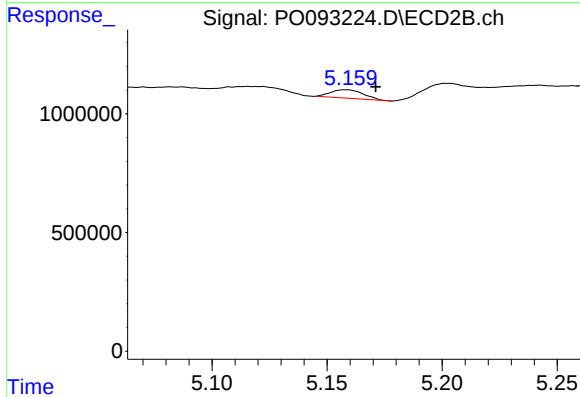
R.T.: 5.015 min
Delta R.T.: 0.015 min
Response: 1011770
Conc: 79.00 ng/ml



#15 AR-1232-5

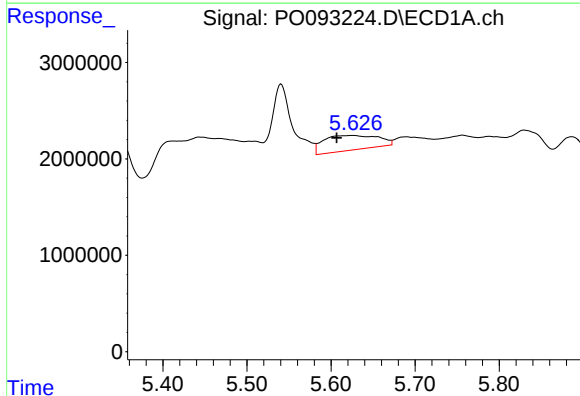
R.T.: 5.886 min
Delta R.T.: 0.003 min
Response: 87026
Conc: 3.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



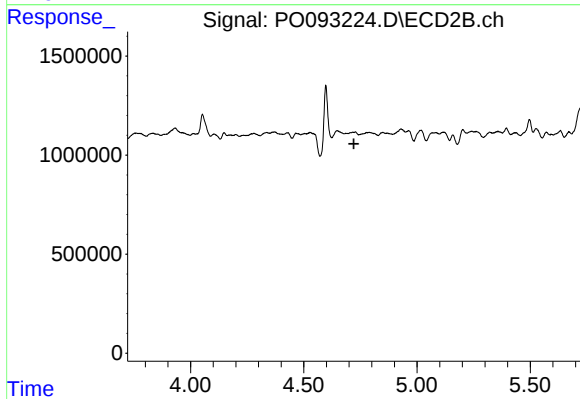
#15 AR-1232-5

R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 348912
Conc: 24.88 ng/ml



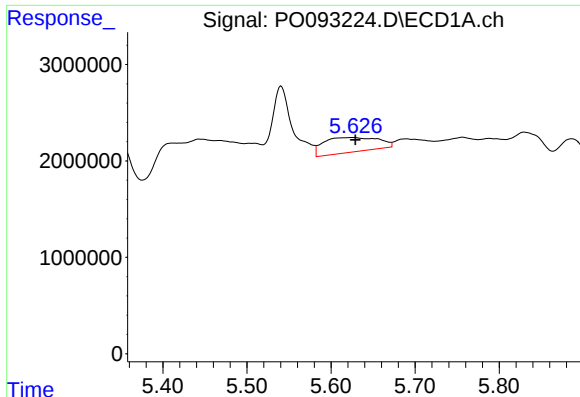
#16 AR-1242-1

R.T.: 5.626 min
Delta R.T.: 0.020 min
Response: 6873228
Conc: 83.86 ng/ml



#16 AR-1242-1

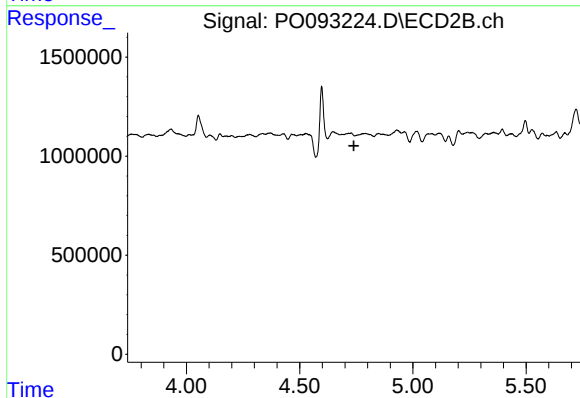
R.T.: 0.000 min
Exp R.T.: 4.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

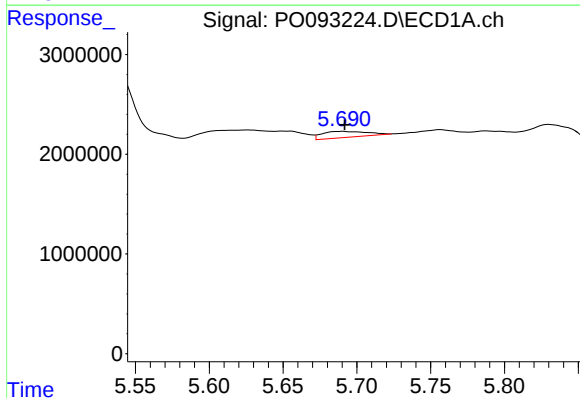
R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 6873228
Conc: 57.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



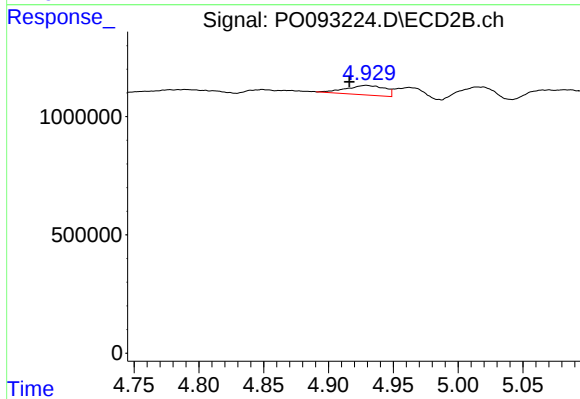
#17 AR-1242-2

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



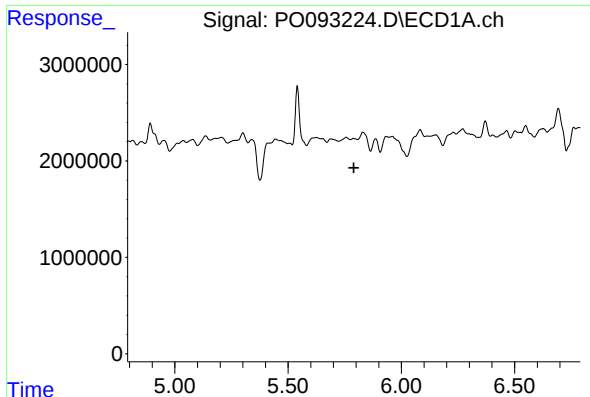
#18 AR-1242-3

R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 1282096
Conc: 16.71 ng/ml



#18 AR-1242-3

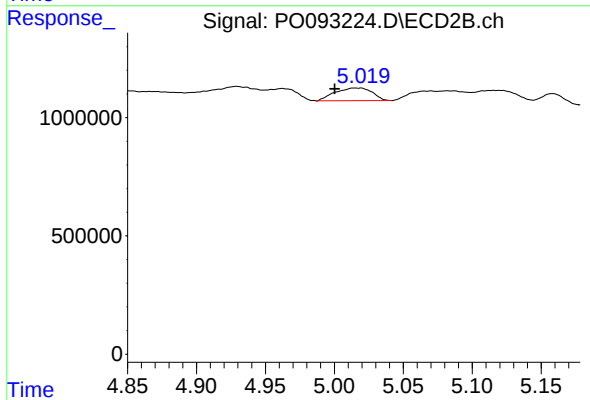
R.T.: 4.929 min
Delta R.T.: 0.013 min
Response: 844359
Conc: 36.12 ng/ml



#19 AR-1242-4

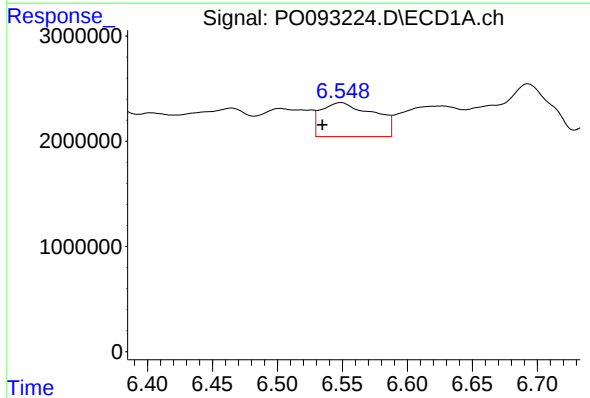
R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: -13821
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



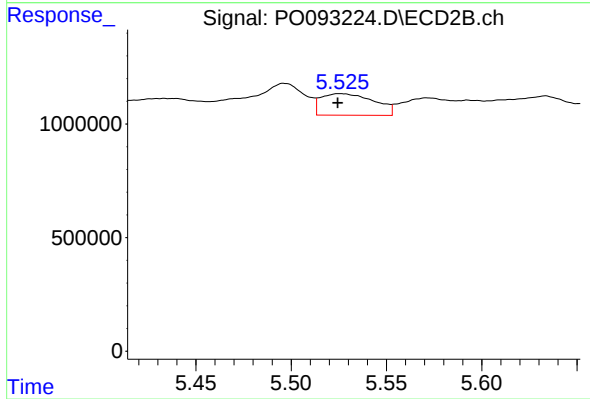
#19 AR-1242-4

R.T.: 5.015 min
Delta R.T.: 0.014 min
Response: 1011770
Conc: 38.84 ng/ml



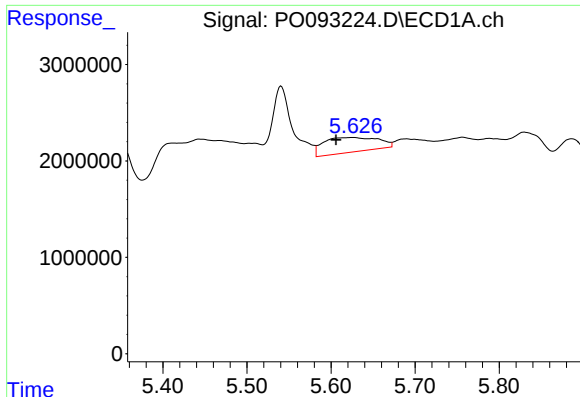
#20 AR-1242-5

R.T.: 6.549 min
Delta R.T.: 0.014 min
Response: 9131013
Conc: 146.12 ng/ml



#20 AR-1242-5

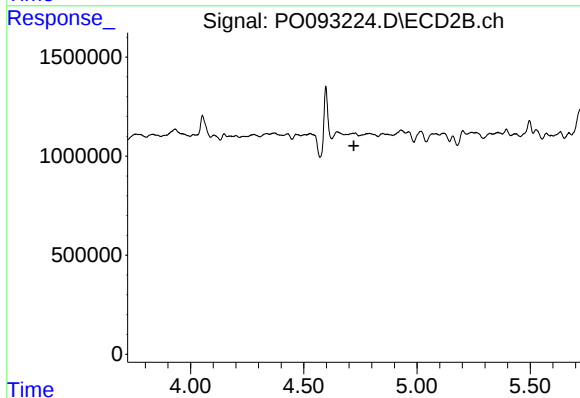
R.T.: 5.526 min
Delta R.T.: 0.001 min
Response: 1839640
Conc: 64.40 ng/ml



#21 AR-1248-1

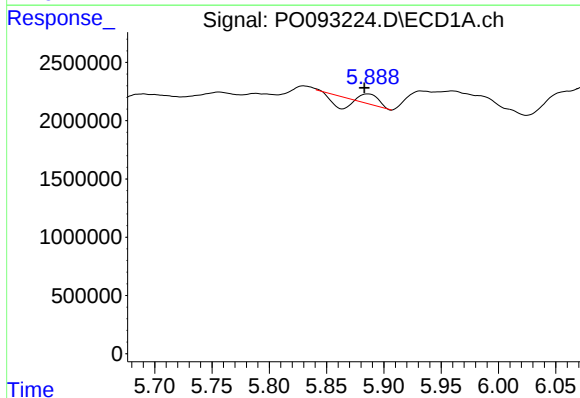
R.T.: 5.626 min
Delta R.T.: 0.020 min
Response: 6873228
Conc: 110.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



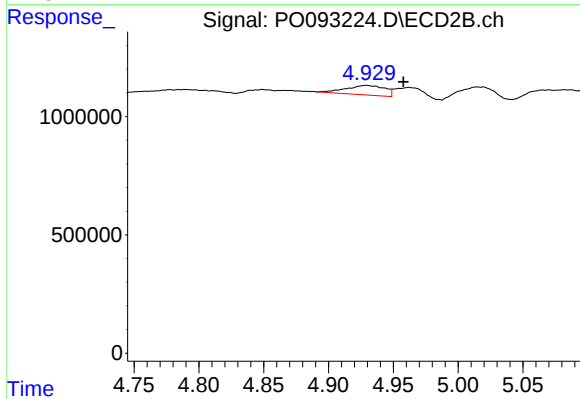
#21 AR-1248-1

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



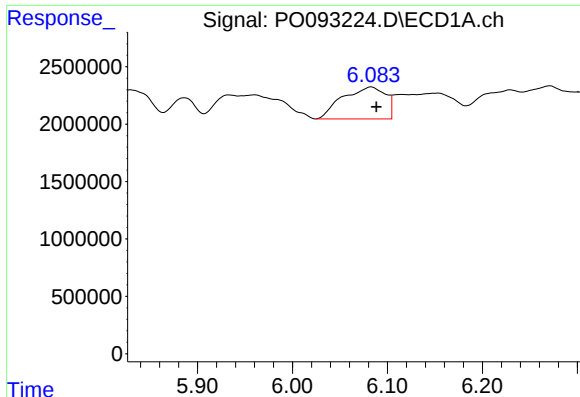
#22 AR-1248-2

R.T.: 5.886 min
Delta R.T.: 0.003 min
Response: 87026
Conc: 0.91 ng/ml



#22 AR-1248-2

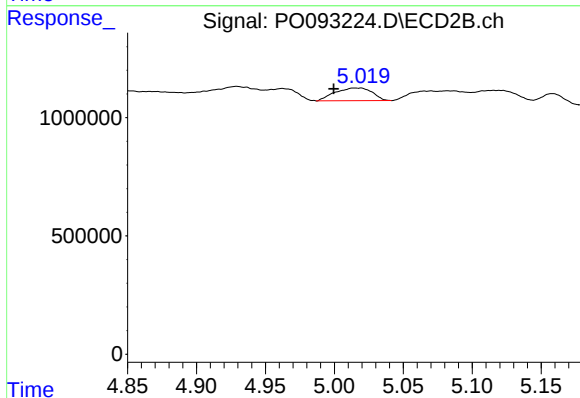
R.T.: 4.929 min
Delta R.T.: -0.029 min
Response: 844359
Conc: 23.30 ng/ml



#23 AR-1248-3

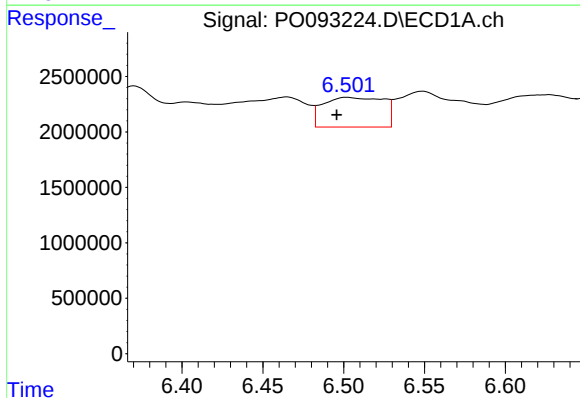
R.T.: 6.083 min
Delta R.T.: -0.005 min
Response: 8755829
Conc: 84.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



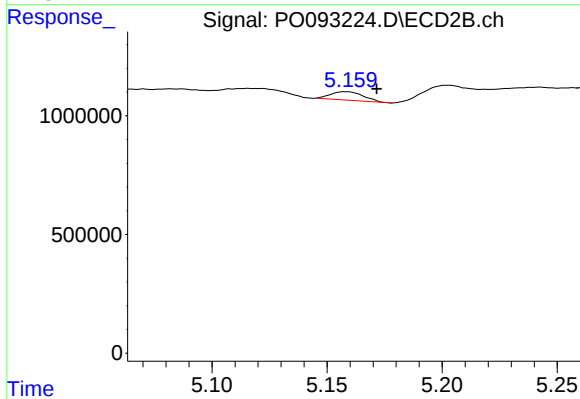
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: 0.015 min
Response: 1011770
Conc: 26.96 ng/ml



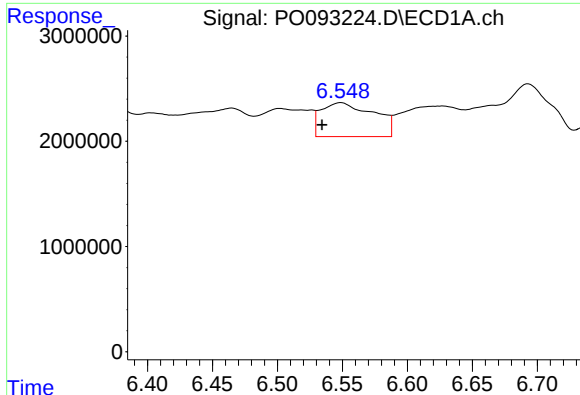
#24 AR-1248-4

R.T.: 6.503 min
Delta R.T.: 0.007 min
Response: 6912629
Conc: 67.88 ng/ml



#24 AR-1248-4

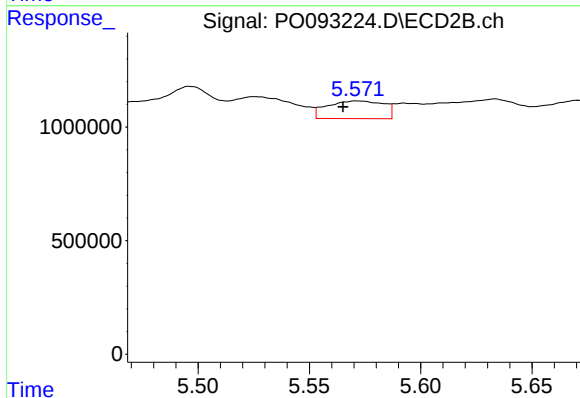
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 348912
Conc: 8.11 ng/ml



#25 AR-1248-5

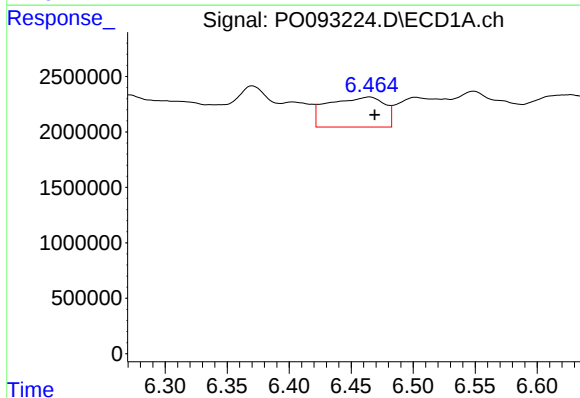
R.T.: 6.549 min
Delta R.T.: 0.014 min
Response: 9131013
Conc: 89.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



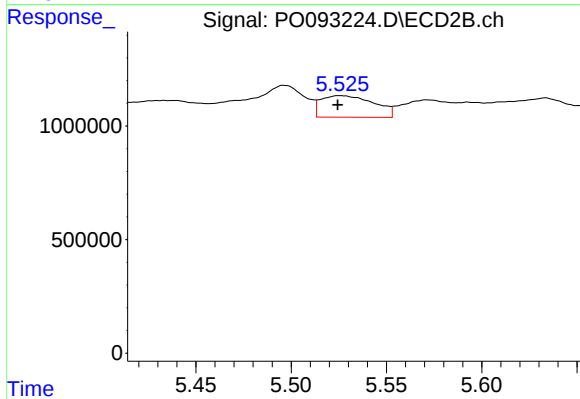
#25 AR-1248-5

R.T.: 5.572 min
Delta R.T.: 0.007 min
Response: 1377910
Conc: 37.47 ng/ml



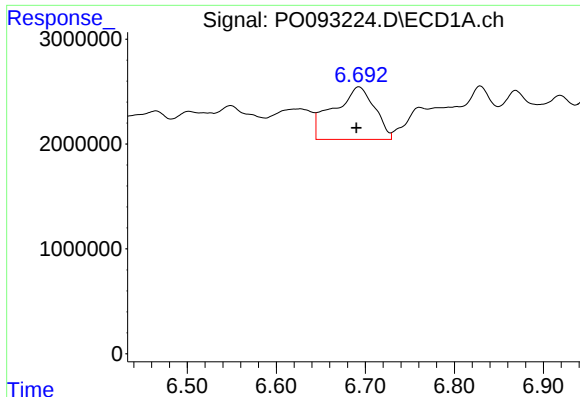
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 8534170
Conc: 73.03 ng/ml



#26 AR-1254-1

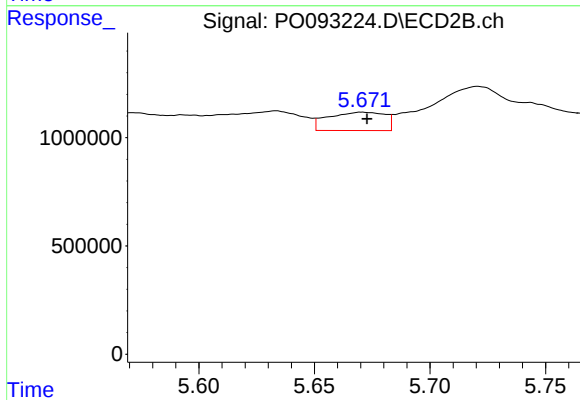
R.T.: 5.526 min
Delta R.T.: 0.001 min
Response: 1839640
Conc: 29.31 ng/ml



#27 AR-1254-2

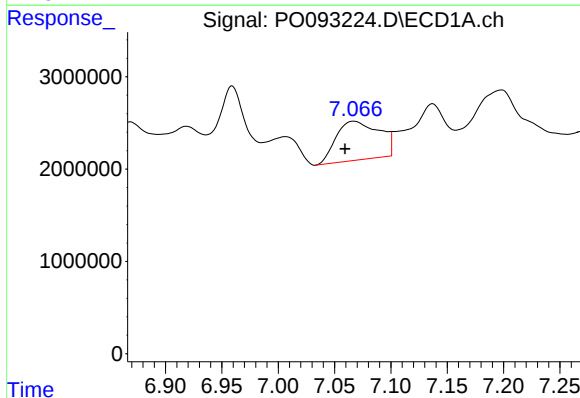
R.T.: 6.693 min
Delta R.T.: 0.003 min
Response: 16102061
Conc: 94.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



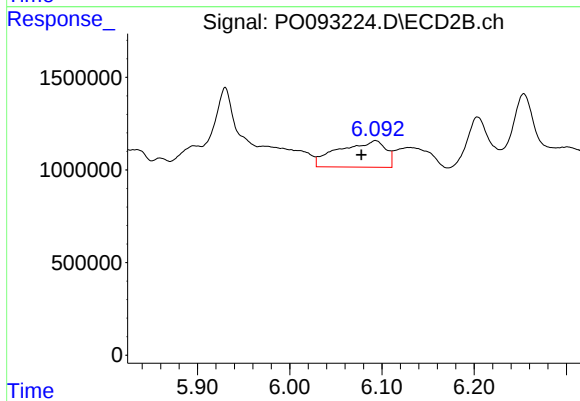
#27 AR-1254-2

R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 1448959
Conc: 25.71 ng/ml



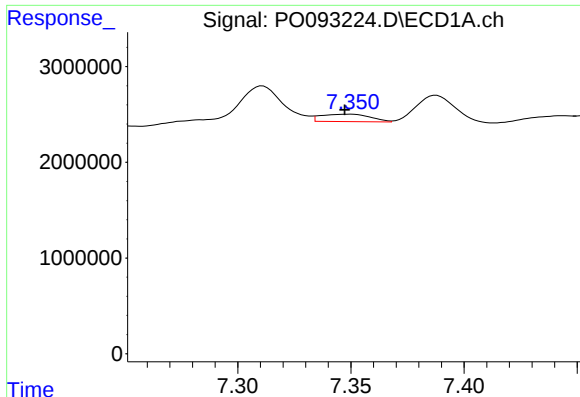
#28 AR-1254-3

R.T.: 7.067 min
Delta R.T.: 0.008 min
Response: 11193856
Conc: 67.34 ng/ml



#28 AR-1254-3

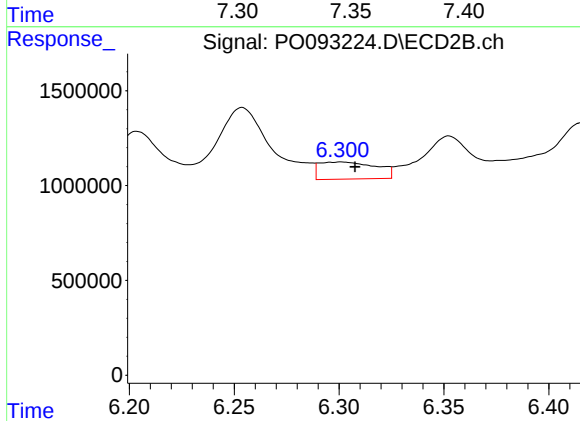
R.T.: 6.093 min
Delta R.T.: 0.015 min
Response: 5021380
Conc: 58.32 ng/ml



#29 AR-1254-4

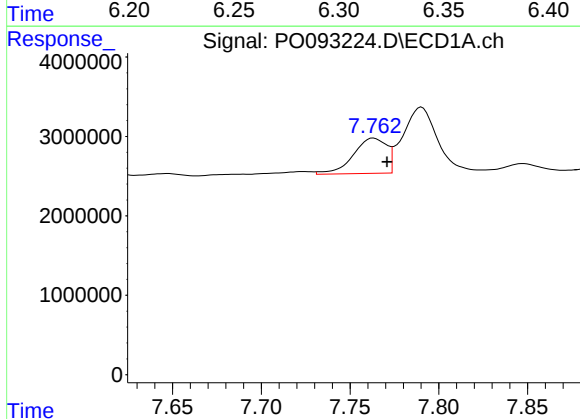
R.T.: 7.349 min
Delta R.T.: 0.001 min
Response: 1173310
Conc: 11.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



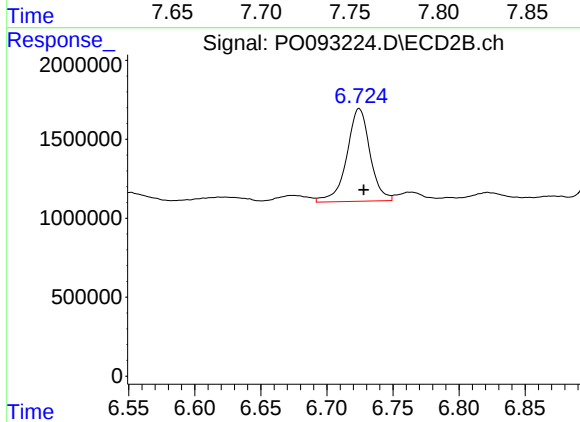
#29 AR-1254-4

R.T.: 6.301 min
Delta R.T.: -0.006 min
Response: 1709920
Conc: 37.39 ng/ml



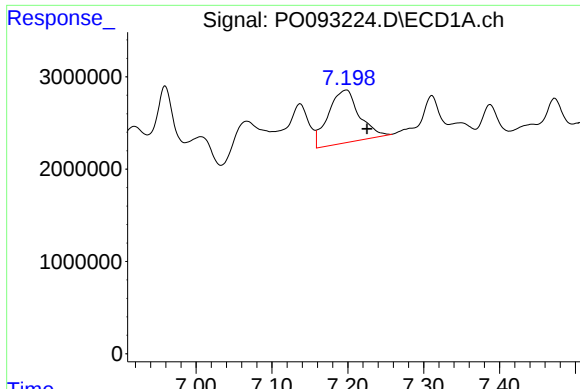
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: -0.007 min
Response: 5810135
Conc: 42.91 ng/ml



#30 AR-1254-5

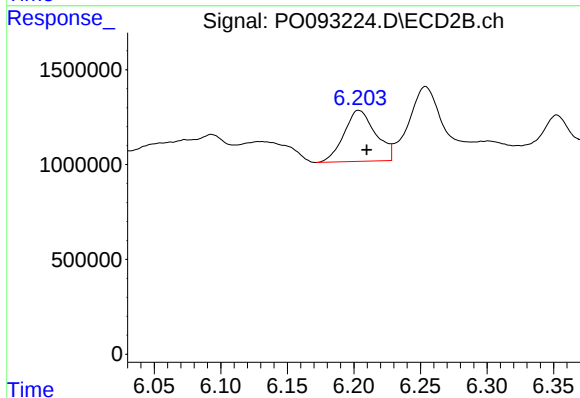
R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 7186334
Conc: 97.31 ng/ml



#31 AR-1260-1

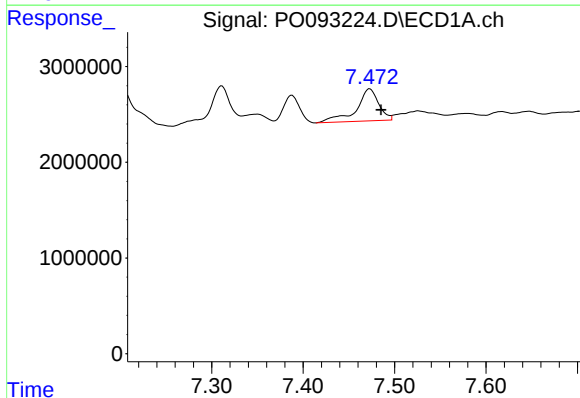
R.T.: 7.198 min
Delta R.T.: -0.028 min
Response: 16327754
Conc: 126.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



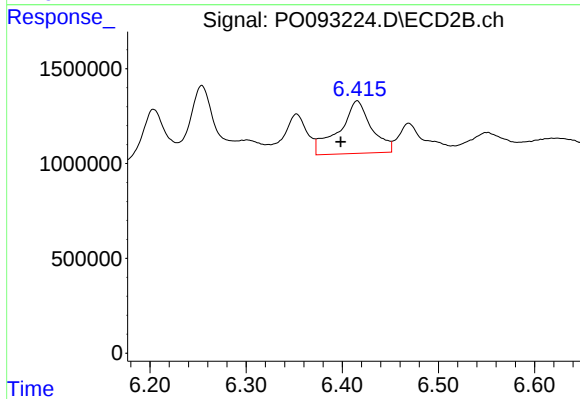
#31 AR-1260-1

R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 4457915
Conc: 73.32 ng/ml



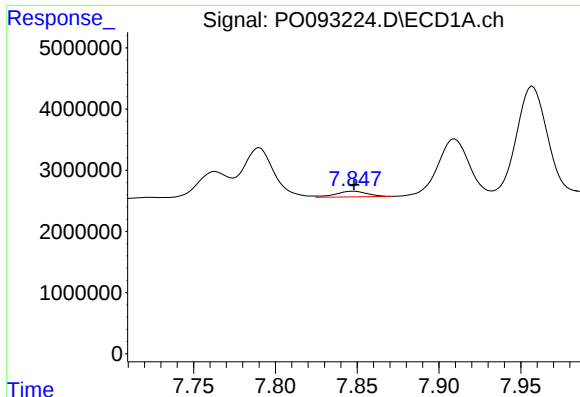
#32 AR-1260-2

R.T.: 7.473 min
Delta R.T.: -0.012 min
Response: 5713850
Conc: 38.71 ng/ml



#32 AR-1260-2

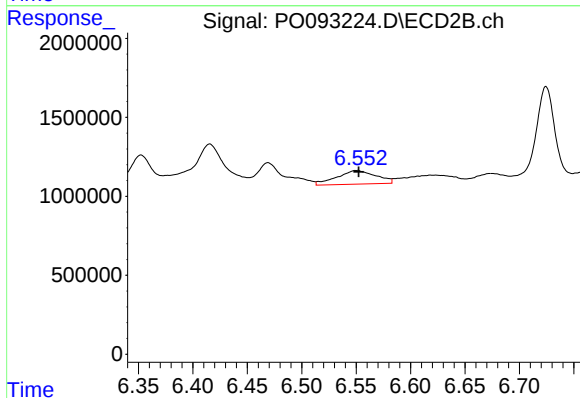
R.T.: 6.416 min
Delta R.T.: 0.017 min
Response: 6483096
Conc: 89.67 ng/ml



#33 AR-1260-3

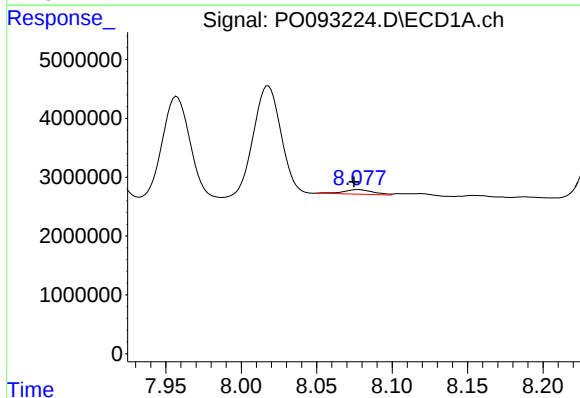
R.T.: 7.848 min
Delta R.T.: 0.000 min
Response: 1238986
Conc: 11.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



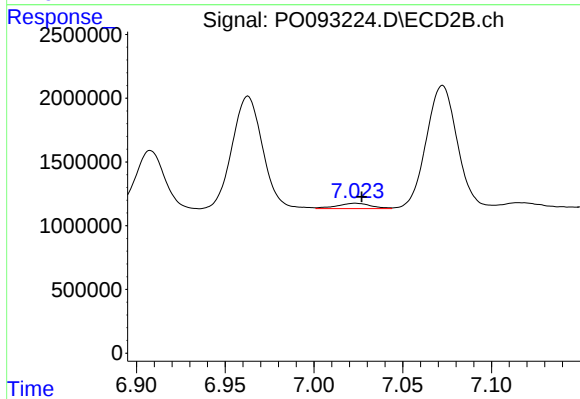
#33 AR-1260-3

R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 2159697
Conc: 32.30 ng/ml



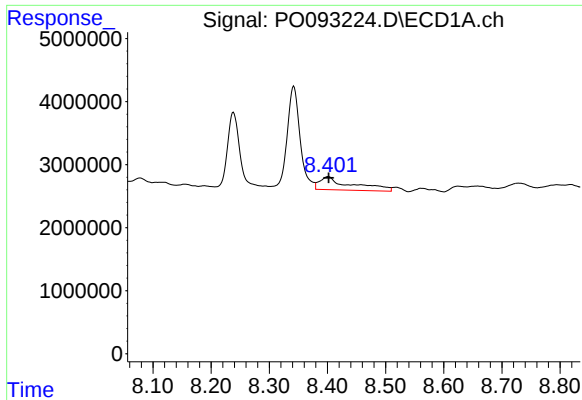
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: 0.003 min
Response: 1078378
Conc: 8.41 ng/ml



#34 AR-1260-4

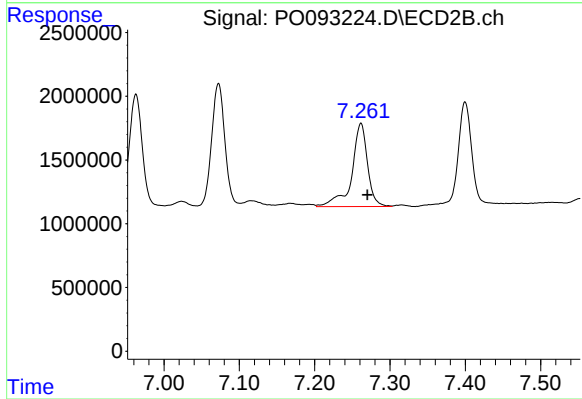
R.T.: 7.023 min
Delta R.T.: -0.004 min
Response: 564374
Conc: 10.26 ng/ml



#35 AR-1260-5

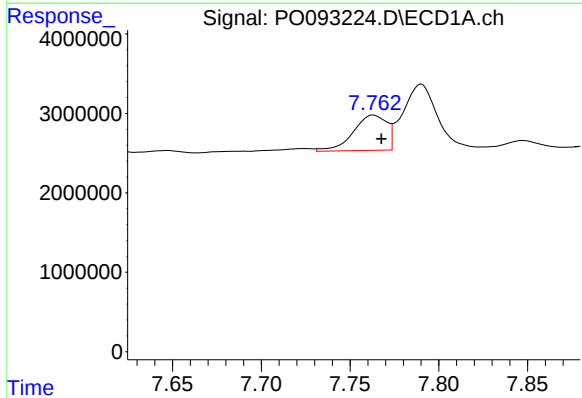
R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 8017833
Conc: 35.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



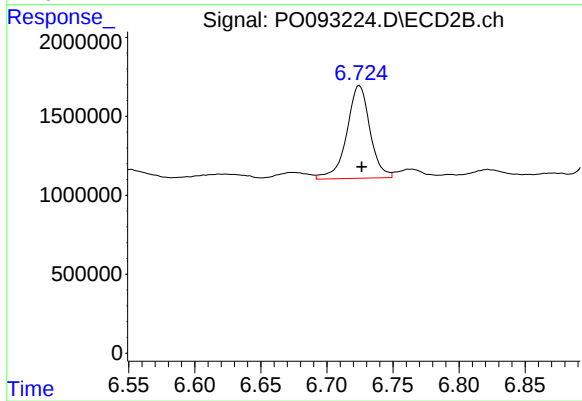
#35 AR-1260-5

R.T.: 7.261 min
Delta R.T.: -0.008 min
Response: 9479071
Conc: 80.51 ng/ml



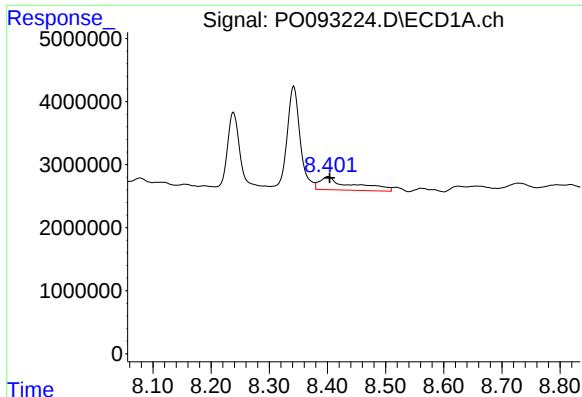
#36 AR-1262-1

R.T.: 7.763 min
Delta R.T.: -0.004 min
Response: 5810135
Conc: 58.45 ng/ml



#36 AR-1262-1

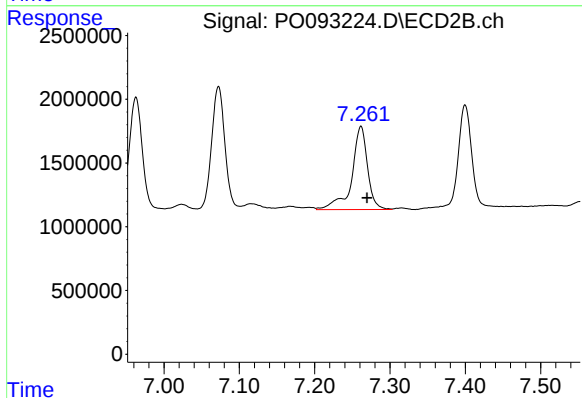
R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 7186334
Conc: 192.31 ng/ml



#37 AR-1262-2

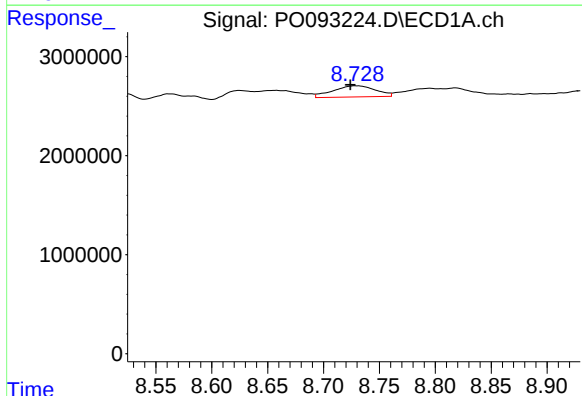
R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 8017833
Conc: 33.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



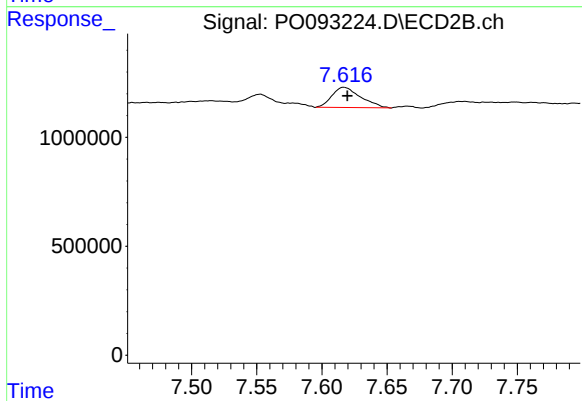
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: -0.008 min
Response: 9479071
Conc: 79.60 ng/ml



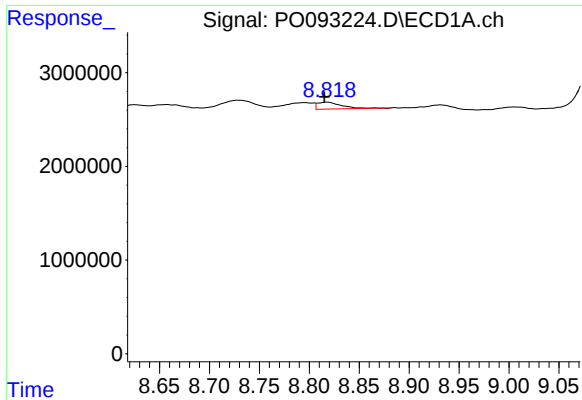
#38 AR-1262-3

R.T.: 8.729 min
Delta R.T.: 0.005 min
Response: 2990231
Conc: 17.71 ng/ml



#38 AR-1262-3

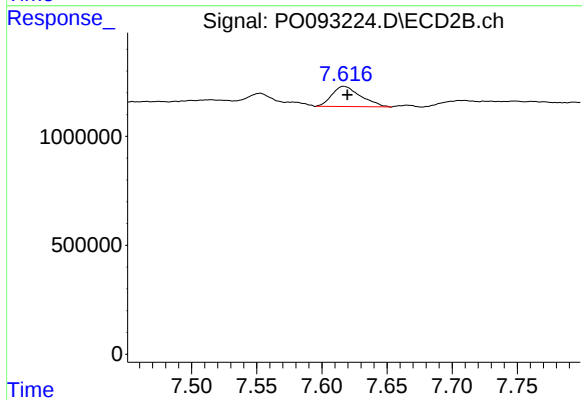
R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 1430014
Conc: 15.82 ng/ml



#39 AR-1262-4

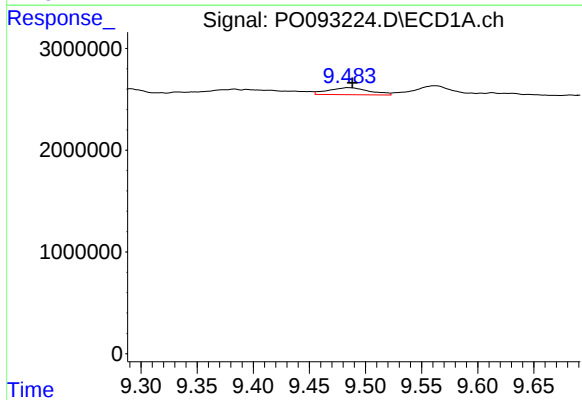
R.T.: 8.818 min
Delta R.T.: 0.003 min
Response: 872555
Conc: 9.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



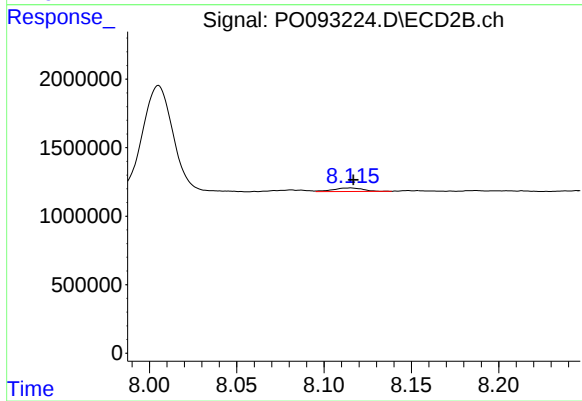
#39 AR-1262-4

R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 1430014
Conc: 15.82 ng/ml



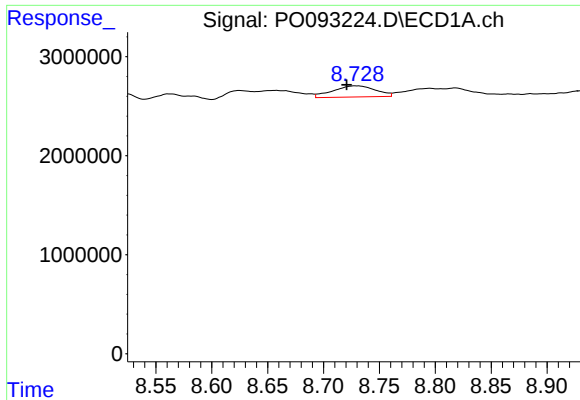
#40 AR-1262-5

R.T.: 9.485 min
Delta R.T.: -0.003 min
Response: 1738400
Conc: 18.20 ng/ml



#40 AR-1262-5

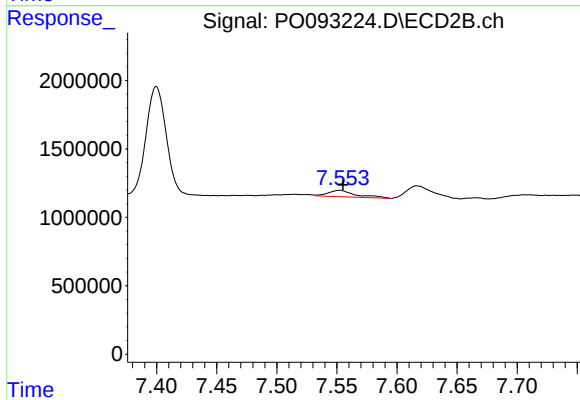
R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 304052
Conc: 7.43 ng/ml



#41 AR-1268-1

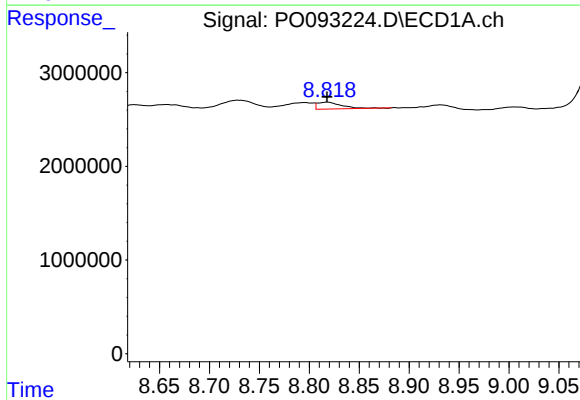
R.T.: 8.729 min
Delta R.T.: 0.009 min
Response: 2990231
Conc: 9.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



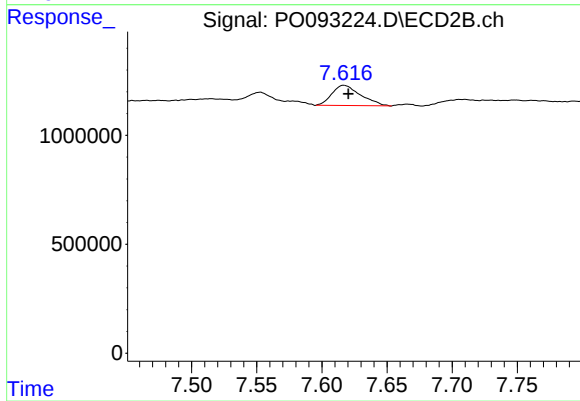
#41 AR-1268-1

R.T.: 7.552 min
Delta R.T.: -0.003 min
Response: 746012
Conc: 4.77 ng/ml



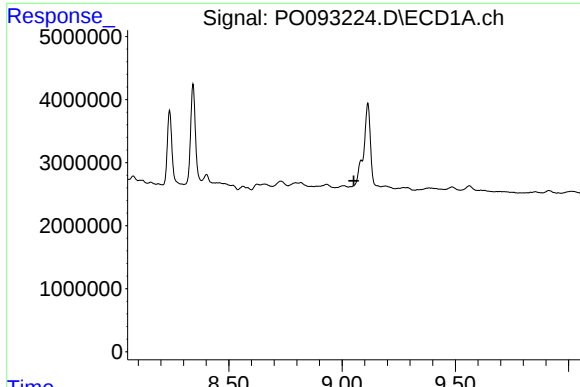
#42 AR-1268-2

R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 872555
Conc: 3.01 ng/ml



#42 AR-1268-2

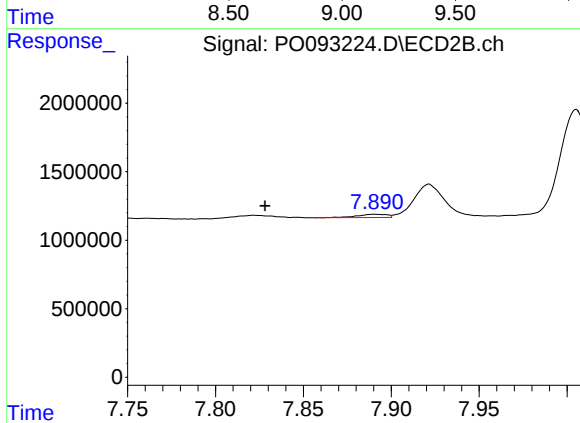
R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 1430014
Conc: 10.24 ng/ml



#43 AR-1268-3

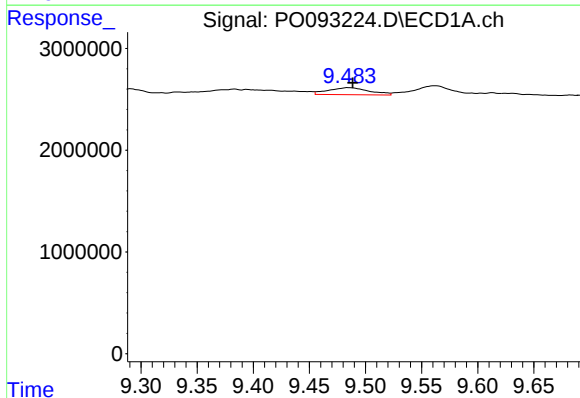
R.T.: 0.000 min
Exp R.T.: 9.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



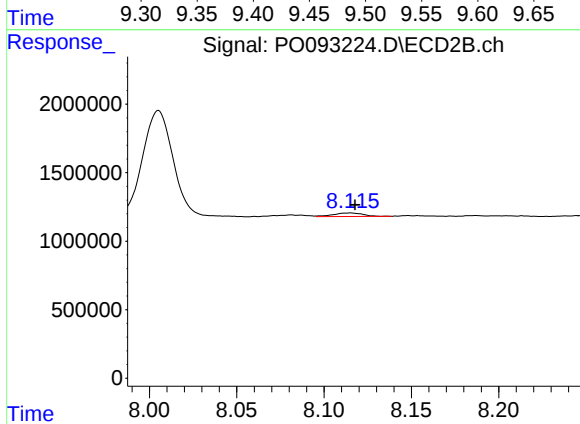
#43 AR-1268-3

R.T.: 7.891 min
Delta R.T.: 0.063 min
Response: 287372
Conc: 2.31 ng/ml



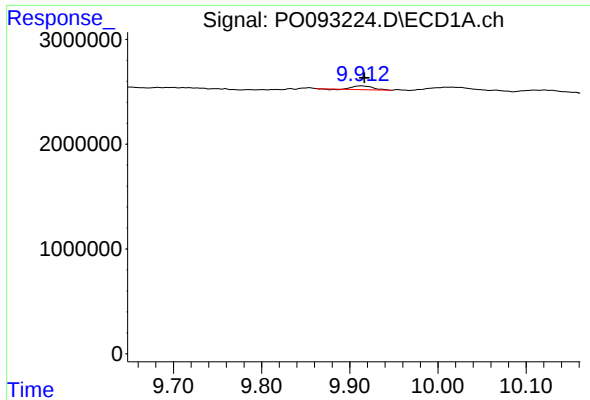
#44 AR-1268-4

R.T.: 9.485 min
Delta R.T.: -0.003 min
Response: 1738400
Conc: 16.28 ng/ml



#44 AR-1268-4

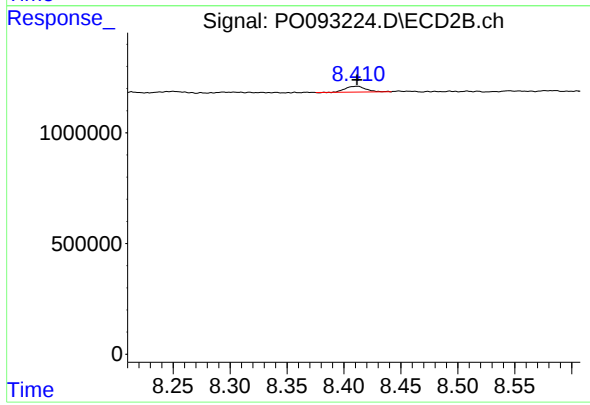
R.T.: 8.115 min
Delta R.T.: -0.003 min
Response: 304052
Conc: 6.17 ng/ml



#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: -0.004 min
Response: 573973
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 331148
Conc: 0.94 ng/ml