

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031923\
 Data File : P0093335.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2023 17:08
 Operator : YP/AJ
 Sample : 02001-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 20:41:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.426	3.631	68665744	24976316	21.927	22.145
2)	SA Decachlor...	10.257	8.660	42986536	18699984	19.862	19.098
Target Compounds							
3)	L1 AR-1016-1	5.593	0.000	1209888	0	12.662	N.D. #
4)	L1 AR-1016-2	5.627	0.000	1200193	0	8.405	N.D. #
5)	L1 AR-1016-3	5.686	0.000	417389	0	4.600	N.D. #
6)	L1 AR-1016-4	5.820	0.000	13600	0	0.201	N.D. #
7)	L1 AR-1016-5	6.090	0.000	425755	0	5.686	N.D. #
8)	L2 AR-1221-1	4.633	0.000	2159609	0	53.426	N.D. #
9)	L2 AR-1221-2	4.733	3.929	892348	731048	29.446	66.942 #
10)	L2 AR-1221-3	4.811	0.000	156715	0	1.714	N.D. #
11)	L3 AR-1232-1	4.811	0.000	156715	0	2.147	N.D. #
12)	L3 AR-1232-2	5.338	0.000	118698	0	3.301	N.D. #
13)	L3 AR-1232-3	5.627	0.000	1200193	0	18.333	N.D. #
14)	L3 AR-1232-4	5.820	0.000	13600	0	0.444	N.D. #
15)	L3 AR-1232-5	5.880	0.000	64002	0	2.306	N.D. #
16)	L4 AR-1242-1	5.593	0.000	1209888	0	14.761	N.D. #
17)	L4 AR-1242-2	5.627	0.000	1200193	0	10.000	N.D. #
18)	L4 AR-1242-3	5.686	0.000	417389	0	5.438	N.D. #
19)	L4 AR-1242-4	5.820	0.000	13600	0	0.237	N.D. #
20)	L4 AR-1242-5	6.535	5.518	910042	878768	14.563	30.762 #
21)	L5 AR-1248-1	5.593	0.000	1209888	0	19.463	N.D. #
22)	L5 AR-1248-2	5.880	0.000	64002	0	0.670	N.D. #
23)	L5 AR-1248-3	6.090	0.000	425755	0	4.091	N.D. #
24)	L5 AR-1248-4	6.499	0.000	2757975	0	27.084	N.D. #
25)	L5 AR-1248-5	6.535	5.611f	910042	586316	8.891	15.942 #
26)	L6 AR-1254-1	6.463	5.518	3214346	878768	27.506	14.001 #
27)	L6 AR-1254-2	6.685	5.667	3421875	1290286	20.026	22.897
28)	L6 AR-1254-3	7.055	6.072	8044373	3337812	48.391	38.769
29)	L6 AR-1254-4	7.343	6.302	2397432	1359510	22.490	29.729 #
30)	L6 AR-1254-5	7.786	6.721	23177382	10165716	171.166	137.650
31)	L7 AR-1260-1	7.221	6.202	2669414	2132986	20.605	35.083 #
32)	L7 AR-1260-2	7.475	6.392	9317056	2330289	63.113	32.232 #
33)	L7 AR-1260-3	7.843	6.544	967235	1667882	8.599	24.943 #
34)	L7 AR-1260-4	8.057	7.019	3239257	640043	25.260	11.630 #
35)	L7 AR-1260-5	8.396	7.263	10020102	932970	44.846	7.925 #
36)	L8 AR-1262-1	7.786	6.721	23177382	10165716	233.164	272.039
37)	L8 AR-1262-2	8.396	7.263	10020102	932970	42.221	7.835 #
38)	L8 AR-1262-3	8.730	7.611	1966347	1031607	11.643	11.413
39)	L8 AR-1262-4	8.805	7.611	998294	1031607	11.146	11.413
40)	L8 AR-1262-5	9.503	8.110	10912472	617336	114.255	15.085 #
41)	L9 AR-1268-1	8.730	7.611f	1966347	1031607	6.158	6.592

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 ALS Vial : 20 Sample Multiplier: 1

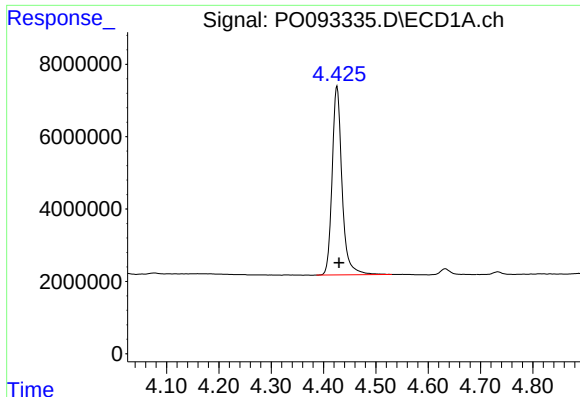
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 20:41:51 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	8.805	7.611	998294	1031607	3.439	7.389 #
43) L9	AR-1268-3	9.049	7.819	203396	525770	0.797	4.225 #
44) L9	AR-1268-4	9.503	8.110	10912472	617336	102.182	12.519 #
45) L9	AR-1268-5	9.911	0.000	160417	0	0.200	N.D. #

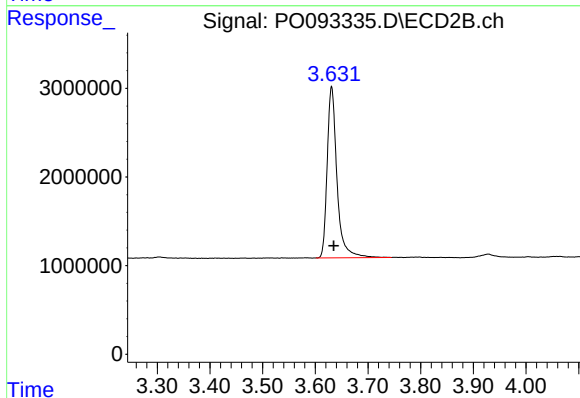
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

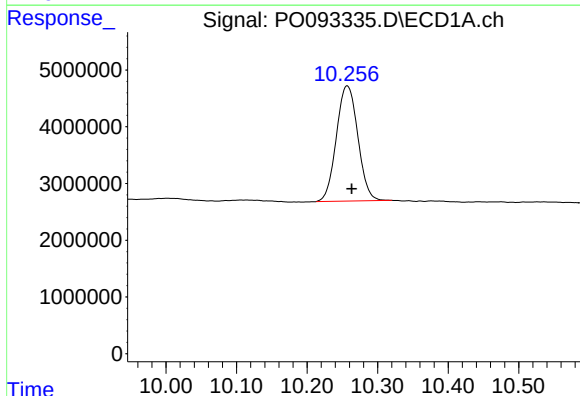
R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 68665744
Conc: 21.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



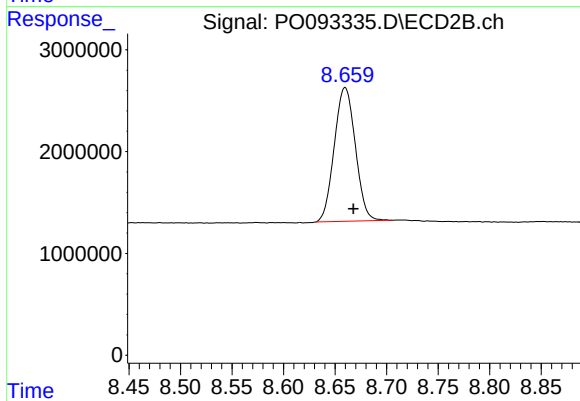
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 24976316
Conc: 22.14 ng/ml



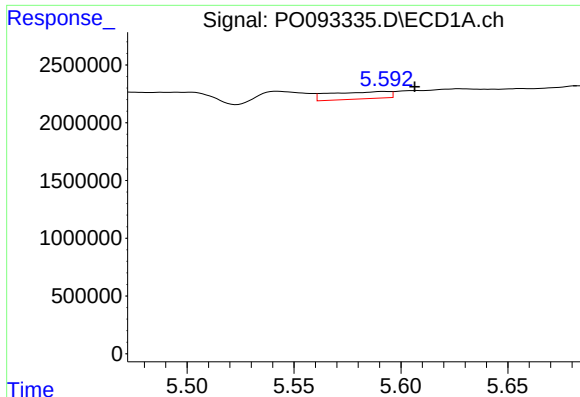
#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: -0.006 min
Response: 42986536
Conc: 19.86 ng/ml



#2 Decachlorobiphenyl

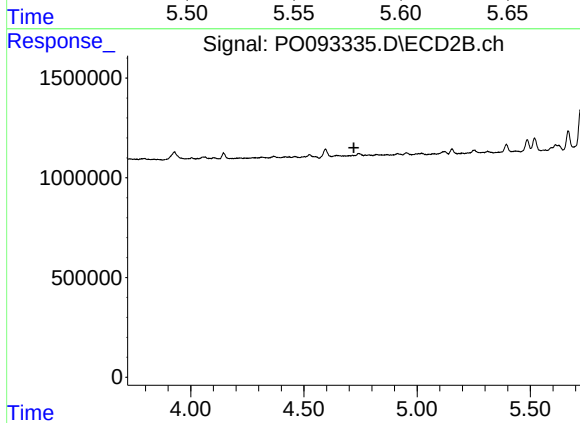
R.T.: 8.660 min
Delta R.T.: -0.008 min
Response: 18699984
Conc: 19.10 ng/ml



#3 AR-1016-1

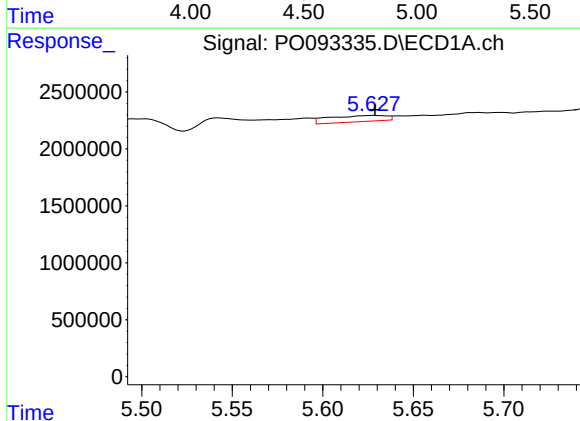
R.T.: 5.593 min
Delta R.T.: -0.014 min
Response: 1209888
Conc: 12.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



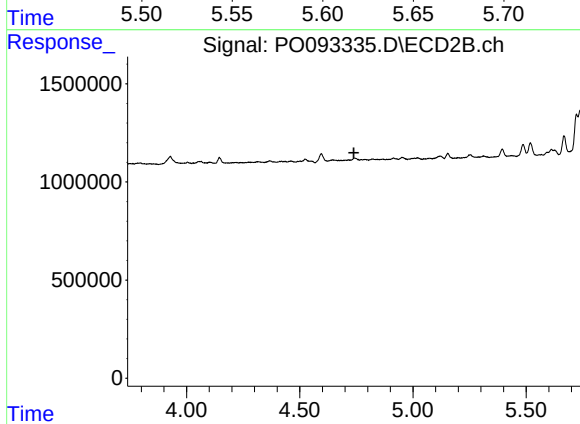
#3 AR-1016-1

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



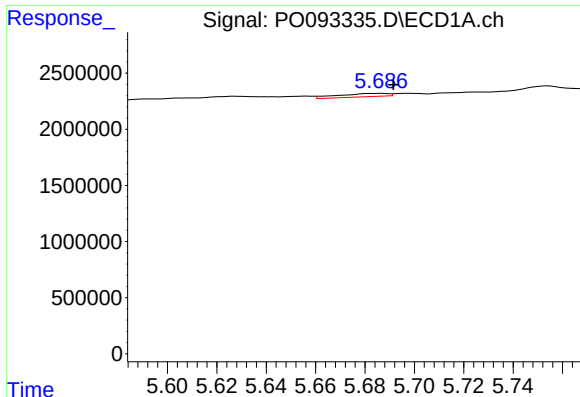
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: -0.001 min
Response: 1200193
Conc: 8.41 ng/ml



#4 AR-1016-2

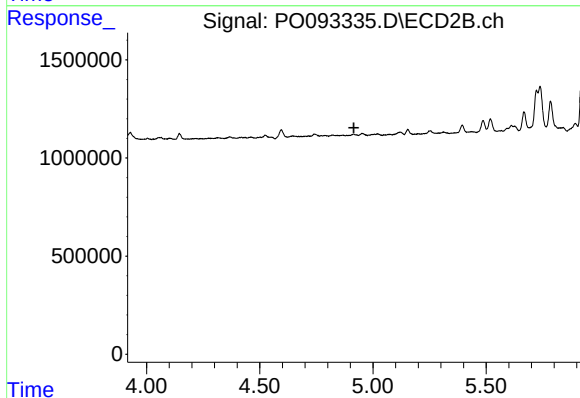
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

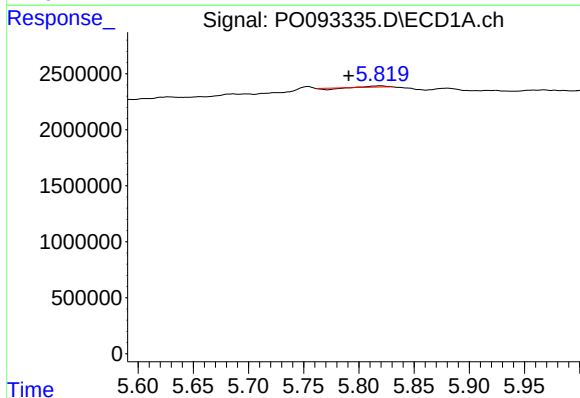
R.T.: 5.686 min
Delta R.T.: -0.005 min
Response: 417389
Conc: 4.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



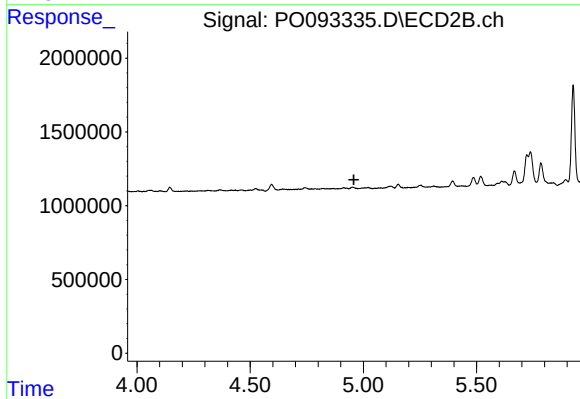
#5 AR-1016-3

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



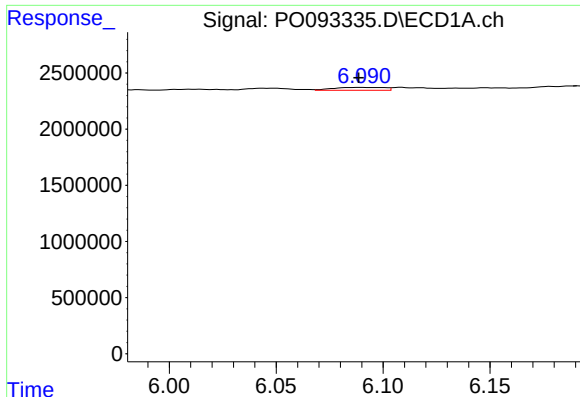
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: 0.029 min
Response: 13600
Conc: 0.20 ng/ml



#6 AR-1016-4

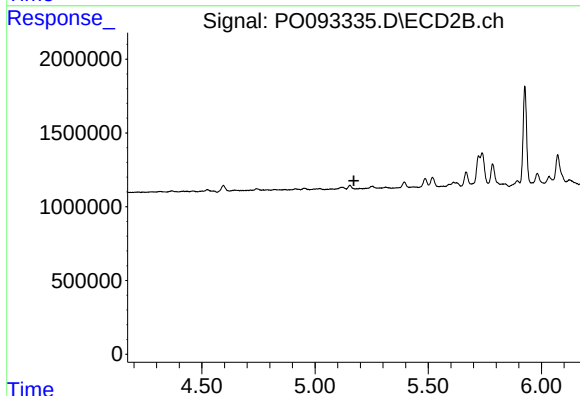
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#7 AR-1016-5

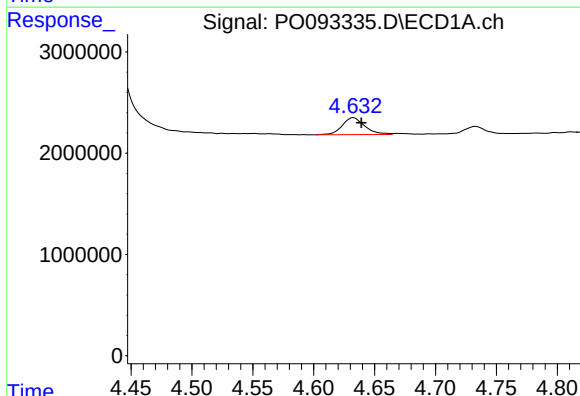
R.T.: 6.090 min
Delta R.T.: 0.001 min
Response: 425755
Conc: 5.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



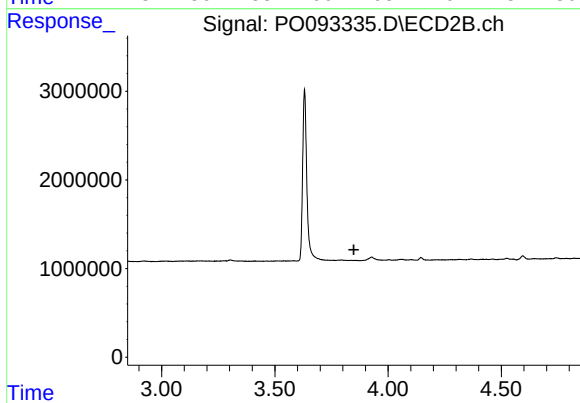
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



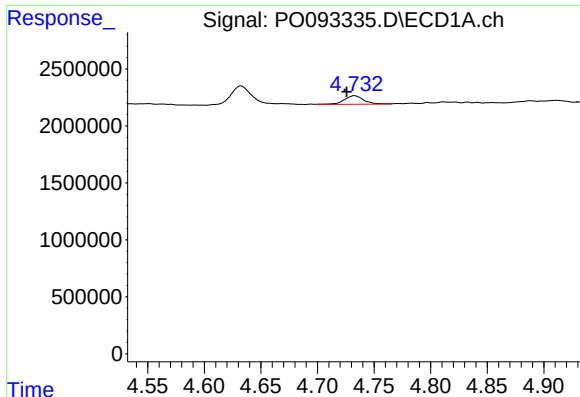
#8 AR-1221-1

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 2159609
Conc: 53.43 ng/ml



#8 AR-1221-1

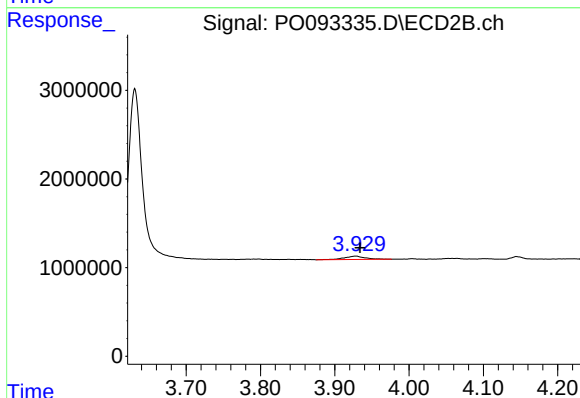
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

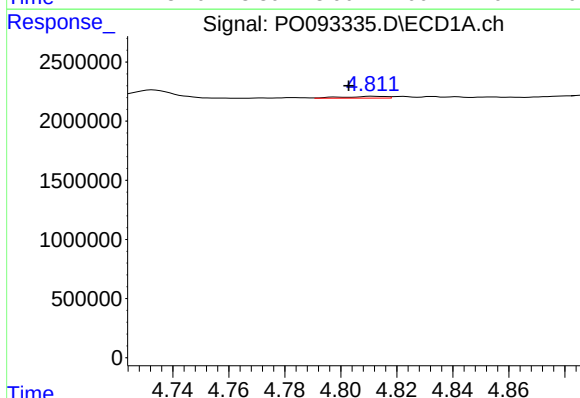
R.T.: 4.733 min
Delta R.T.: 0.007 min
Response: 892348
Conc: 29.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



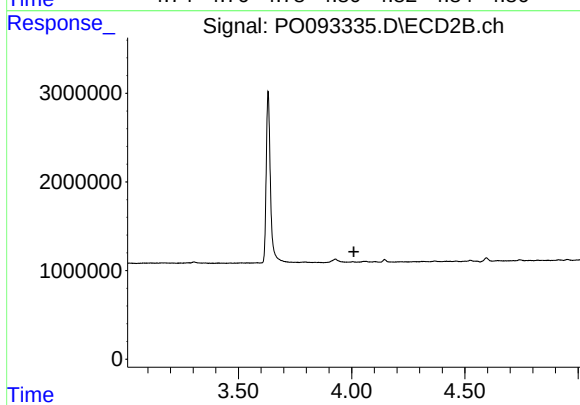
#9 AR-1221-2

R.T.: 3.929 min
Delta R.T.: -0.006 min
Response: 731048
Conc: 66.94 ng/ml



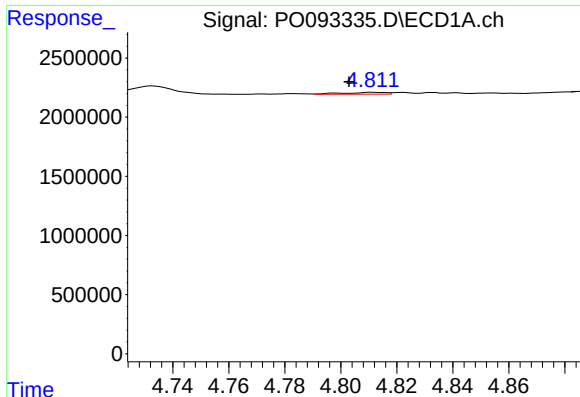
#10 AR-1221-3

R.T.: 4.811 min
Delta R.T.: 0.009 min
Response: 156715
Conc: 1.71 ng/ml



#10 AR-1221-3

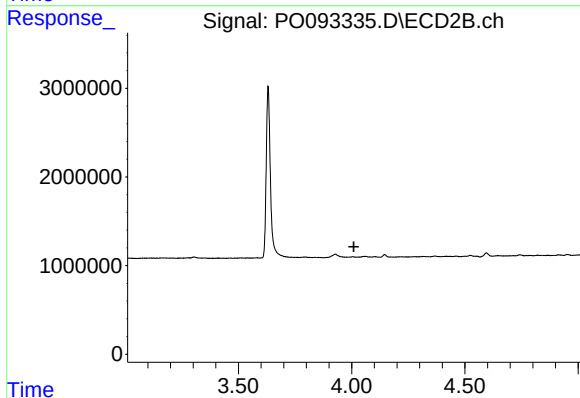
R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



#11 AR-1232-1

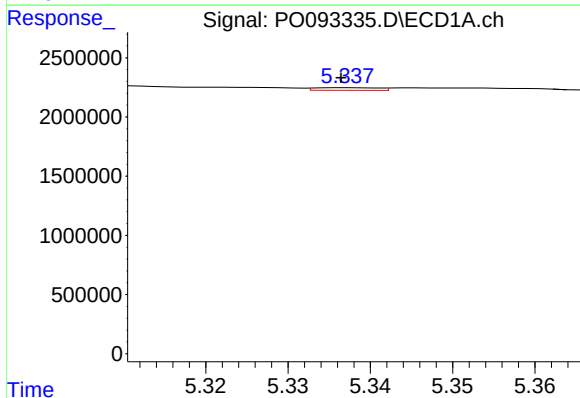
R.T.: 4.811 min
Delta R.T.: 0.009 min
Response: 156715
Conc: 2.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



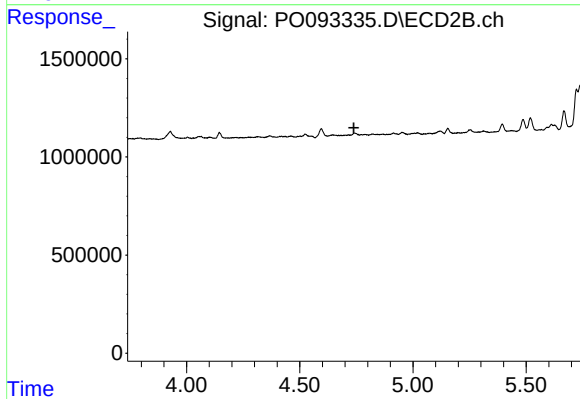
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



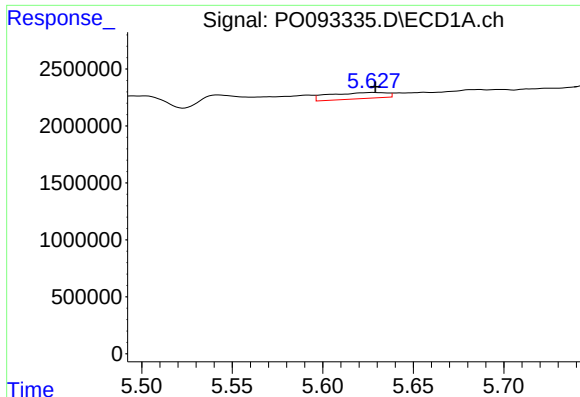
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: 0.001 min
Response: 118698
Conc: 3.30 ng/ml



#12 AR-1232-2

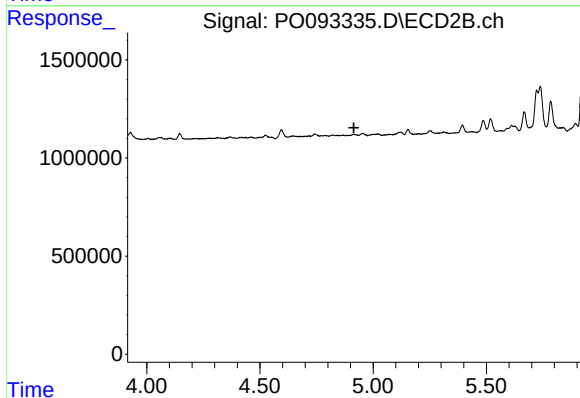
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#13 AR-1232-3

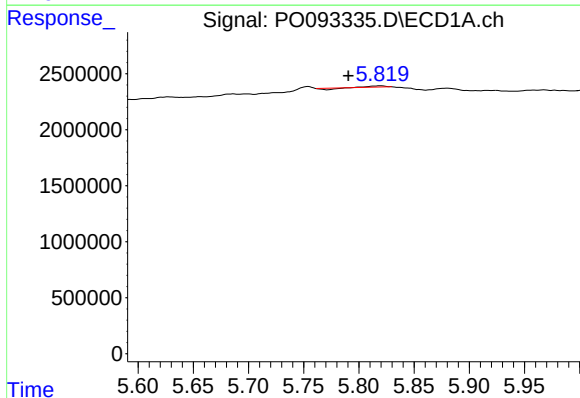
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 1200193
Conc: 18.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



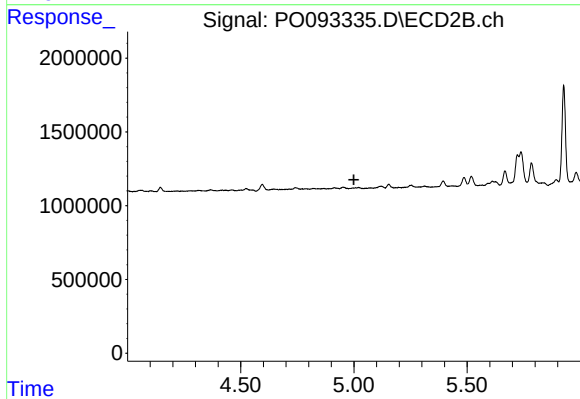
#13 AR-1232-3

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



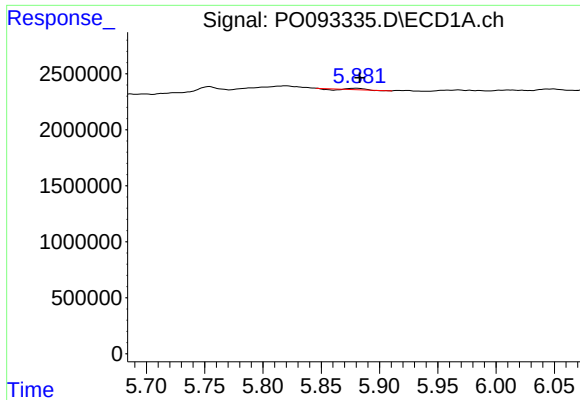
#14 AR-1232-4

R.T.: 5.820 min
Delta R.T.: 0.030 min
Response: 13600
Conc: 0.44 ng/ml



#14 AR-1232-4

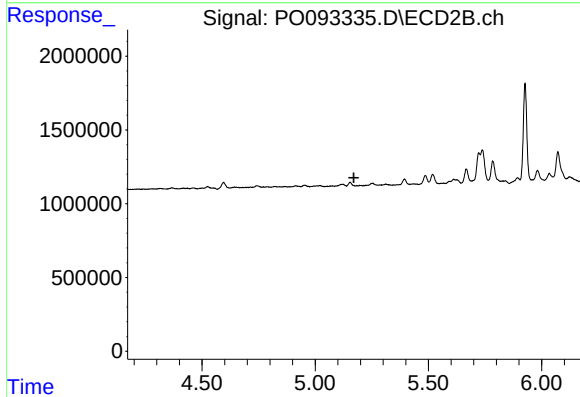
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#15 AR-1232-5

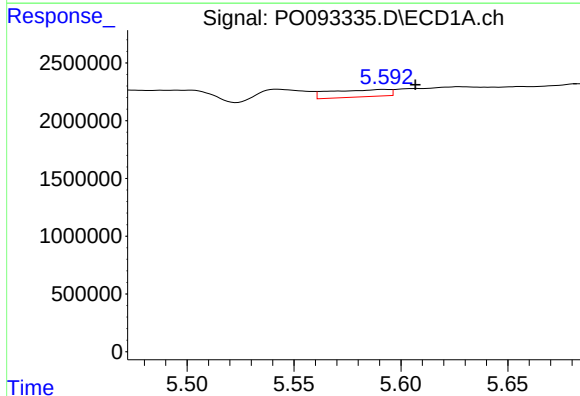
R.T.: 5.880 min
Delta R.T.: -0.003 min
Response: 64002
Conc: 2.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



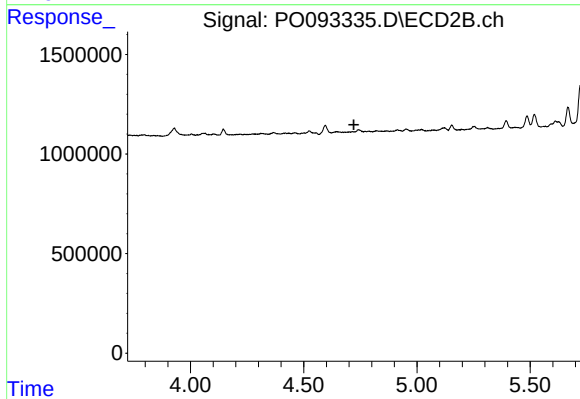
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



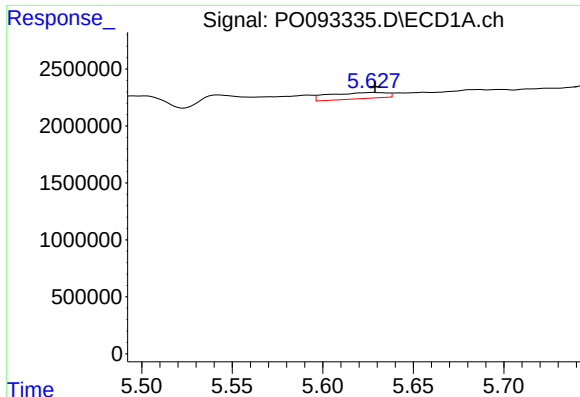
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: -0.014 min
Response: 1209888
Conc: 14.76 ng/ml



#16 AR-1242-1

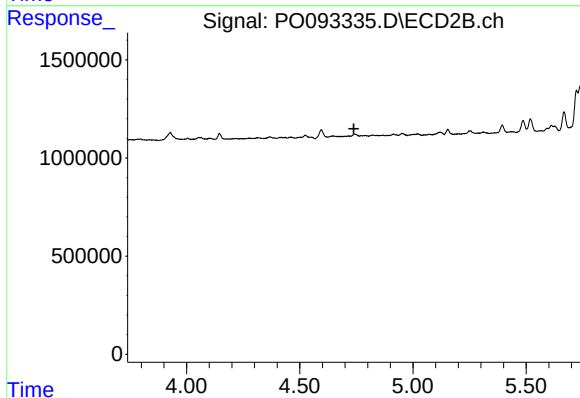
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

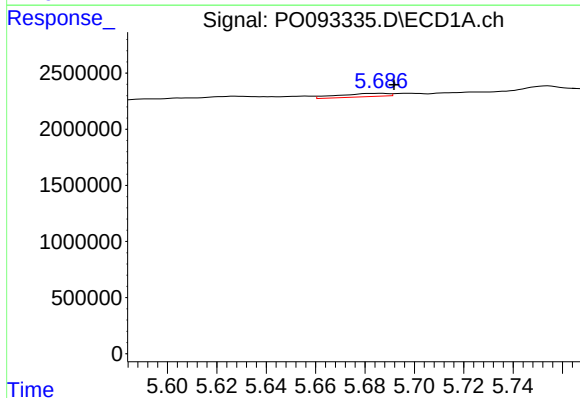
R.T.: 5.627 min
Delta R.T.: -0.001 min
Response: 1200193
Conc: 10.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



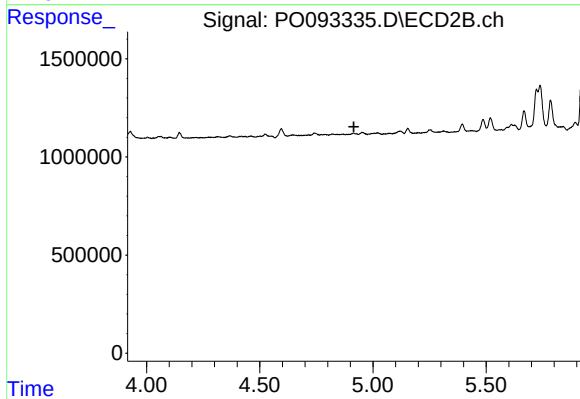
#17 AR-1242-2

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



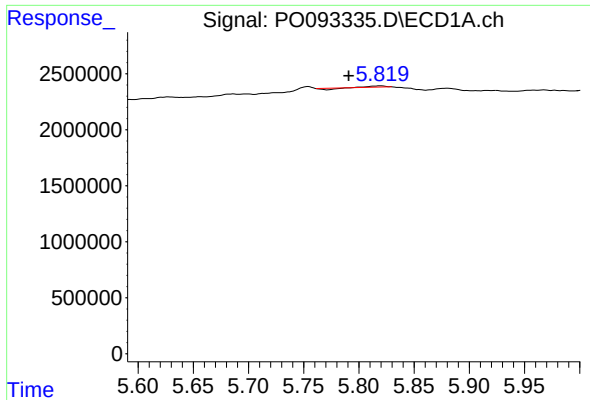
#18 AR-1242-3

R.T.: 5.686 min
Delta R.T.: -0.006 min
Response: 417389
Conc: 5.44 ng/ml



#18 AR-1242-3

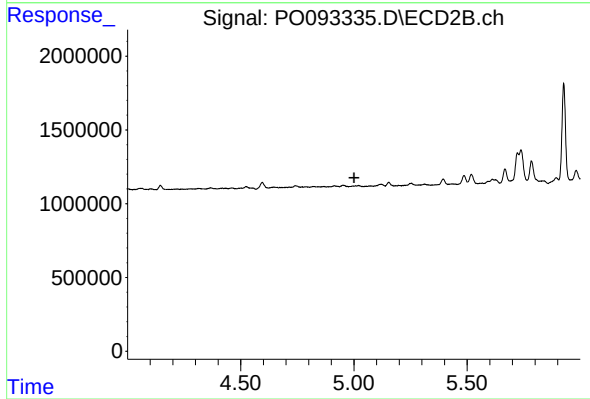
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#19 AR-1242-4

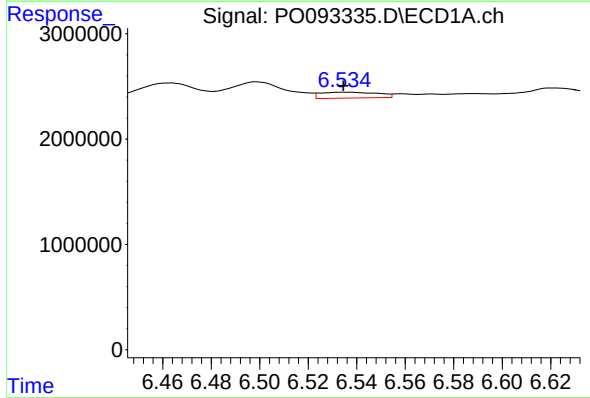
R.T.: 5.820 min
Delta R.T.: 0.029 min
Response: 13600
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



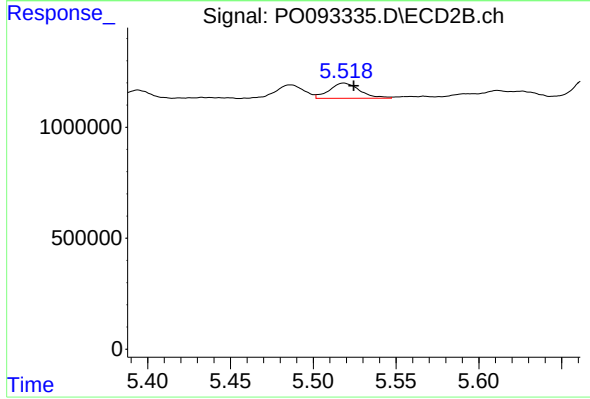
#19 AR-1242-4

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



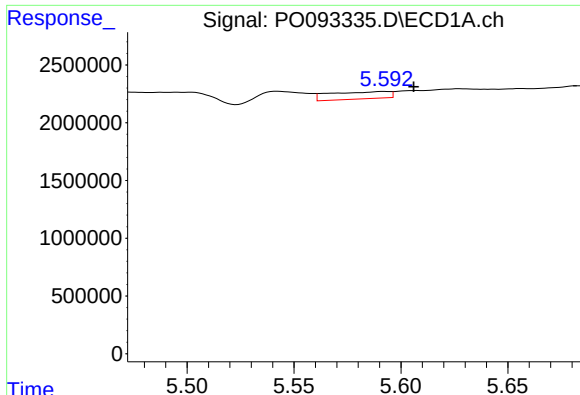
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 910042
Conc: 14.56 ng/ml



#20 AR-1242-5

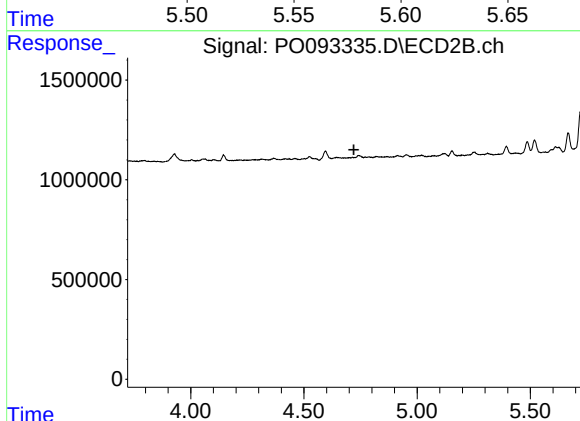
R.T.: 5.518 min
Delta R.T.: -0.006 min
Response: 878768
Conc: 30.76 ng/ml



#21 AR-1248-1

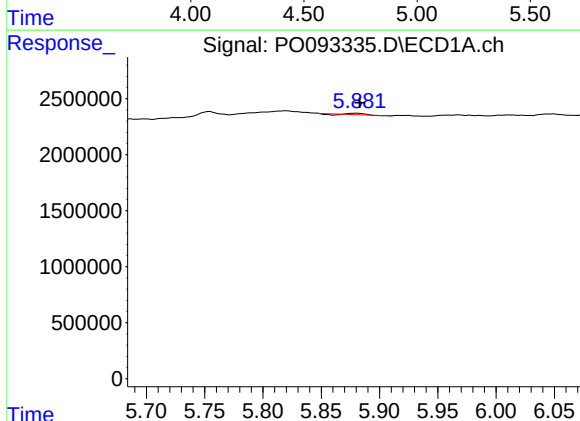
R.T.: 5.593 min
Delta R.T.: -0.013 min
Response: 1209888
Conc: 19.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



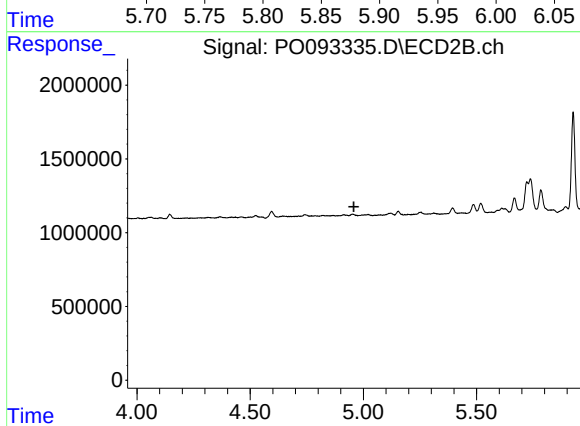
#21 AR-1248-1

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



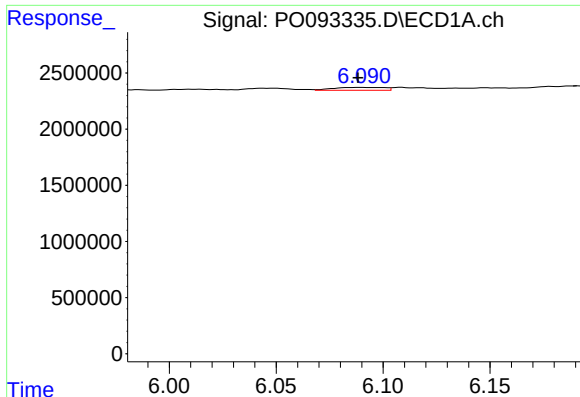
#22 AR-1248-2

R.T.: 5.880 min
Delta R.T.: -0.003 min
Response: 64002
Conc: 0.67 ng/ml



#22 AR-1248-2

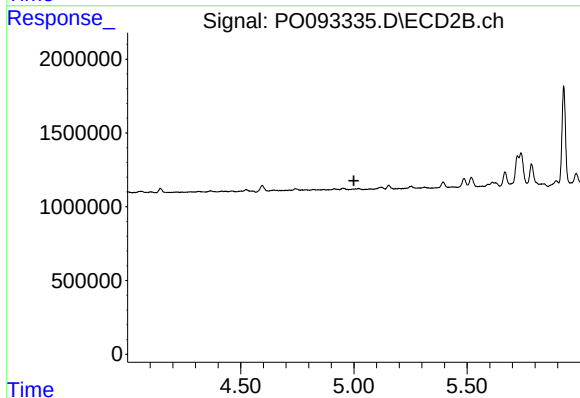
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#23 AR-1248-3

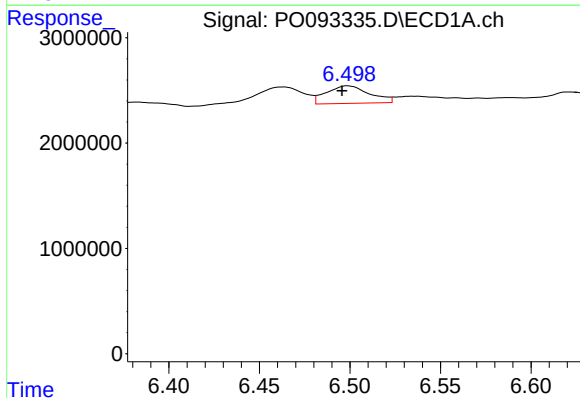
R.T.: 6.090 min
Delta R.T.: 0.002 min
Response: 425755
Conc: 4.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



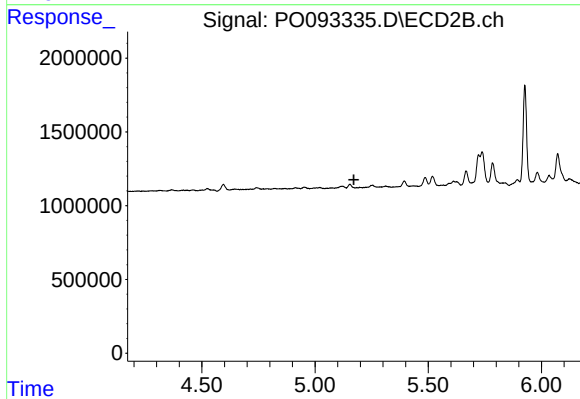
#23 AR-1248-3

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



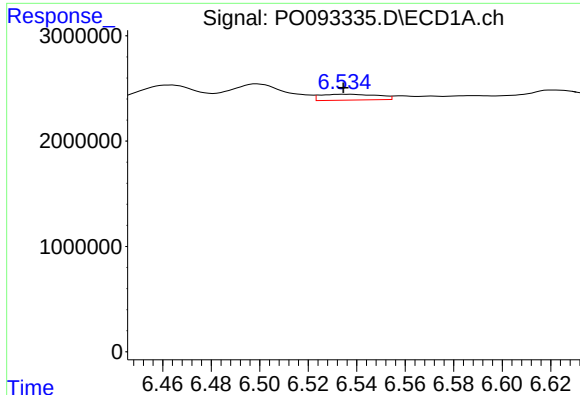
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: 0.003 min
Response: 2757975
Conc: 27.08 ng/ml



#24 AR-1248-4

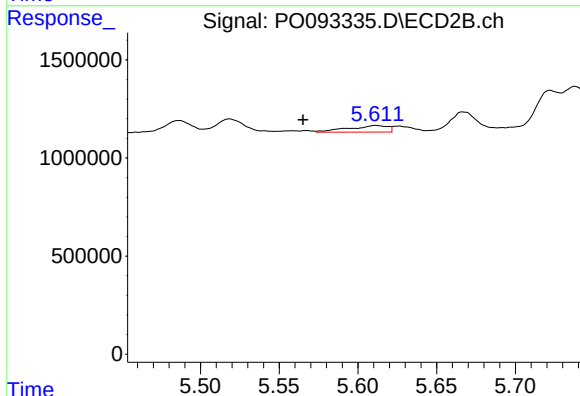
R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



#25 AR-1248-5

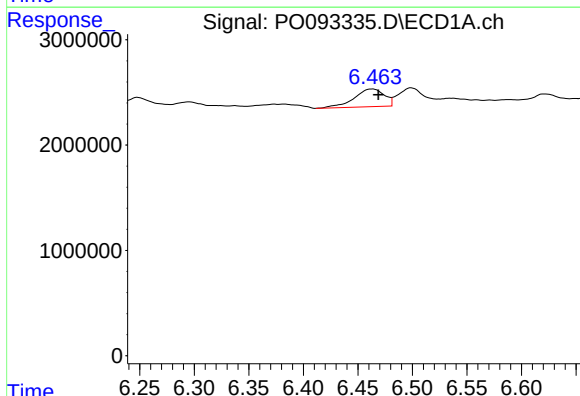
R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 910042
Conc: 8.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



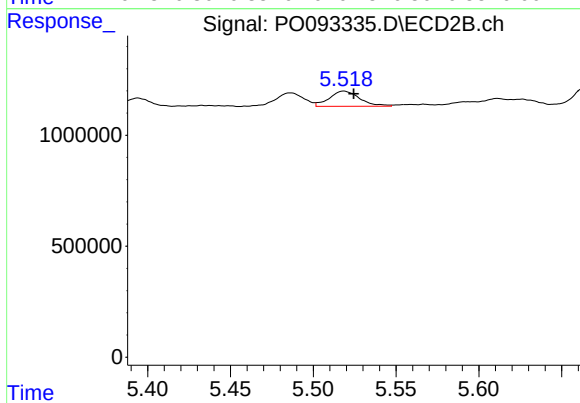
#25 AR-1248-5

R.T.: 5.611 min
Delta R.T.: 0.046 min
Response: 586316
Conc: 15.94 ng/ml



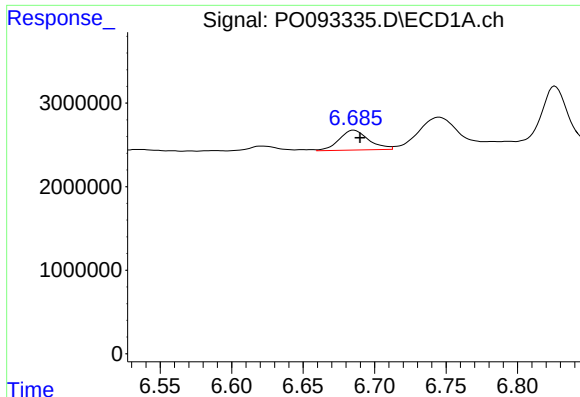
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: -0.006 min
Response: 3214346
Conc: 27.51 ng/ml



#26 AR-1254-1

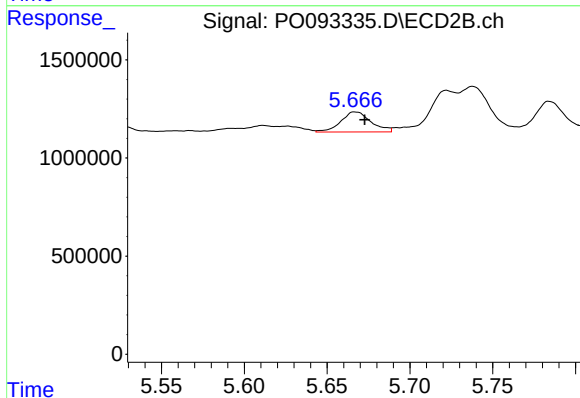
R.T.: 5.518 min
Delta R.T.: -0.006 min
Response: 878768
Conc: 14.00 ng/ml



#27 AR-1254-2

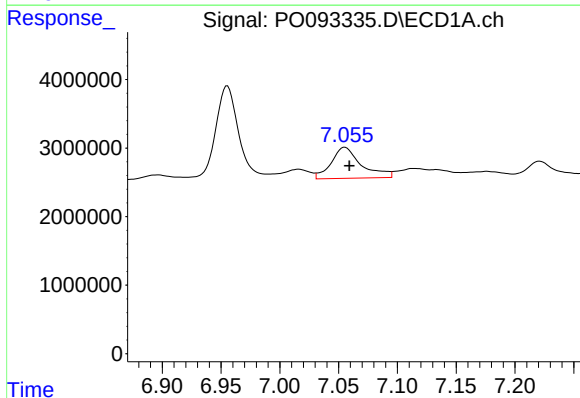
R.T.: 6.685 min
Delta R.T.: -0.004 min
Response: 3421875
Conc: 20.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



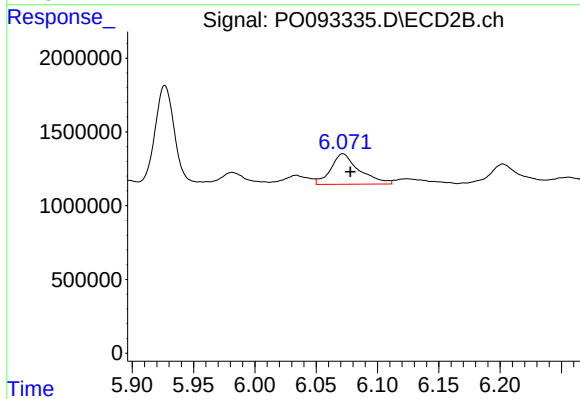
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: -0.006 min
Response: 1290286
Conc: 22.90 ng/ml



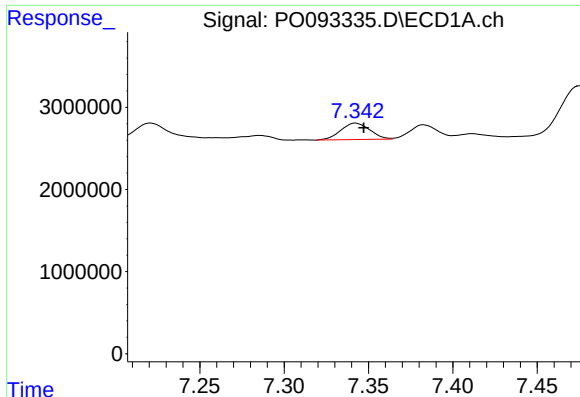
#28 AR-1254-3

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 8044373
Conc: 48.39 ng/ml



#28 AR-1254-3

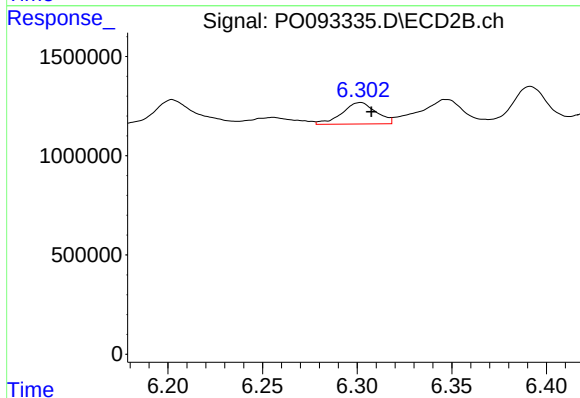
R.T.: 6.072 min
Delta R.T.: -0.006 min
Response: 3337812
Conc: 38.77 ng/ml



#29 AR-1254-4

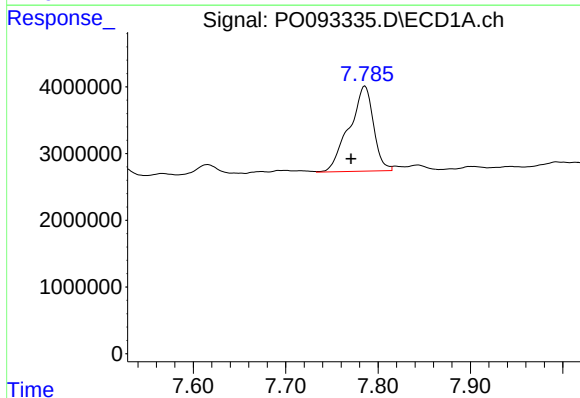
R.T.: 7.343 min
Delta R.T.: -0.005 min
Response: 2397432
Conc: 22.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



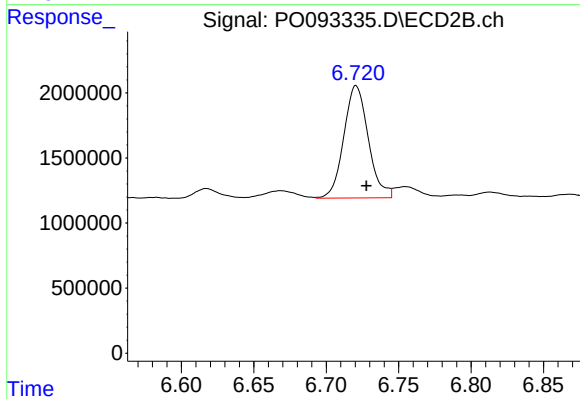
#29 AR-1254-4

R.T.: 6.302 min
Delta R.T.: -0.006 min
Response: 1359510
Conc: 29.73 ng/ml



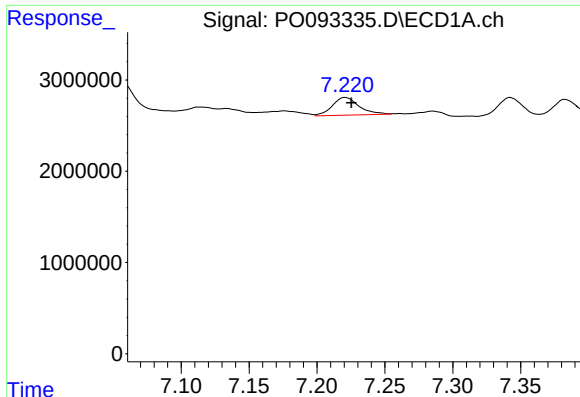
#30 AR-1254-5

R.T.: 7.786 min
Delta R.T.: 0.015 min
Response: 23177382
Conc: 171.17 ng/ml



#30 AR-1254-5

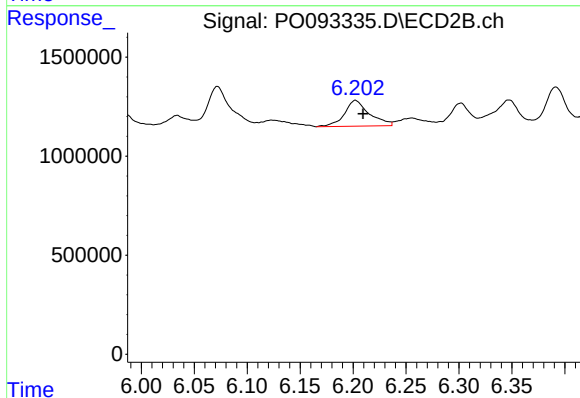
R.T.: 6.721 min
Delta R.T.: -0.007 min
Response: 10165716
Conc: 137.65 ng/ml



#31 AR-1260-1

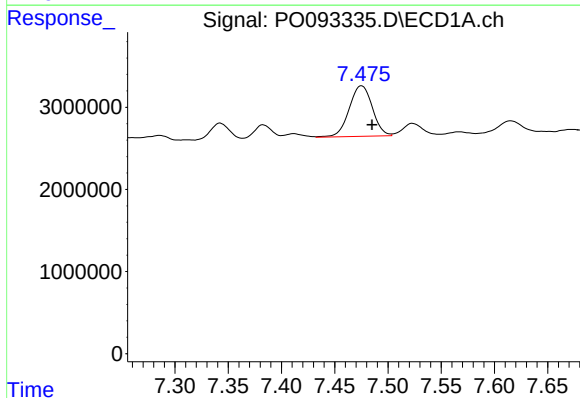
R.T.: 7.221 min
Delta R.T.: -0.004 min
Response: 2669414
Conc: 20.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



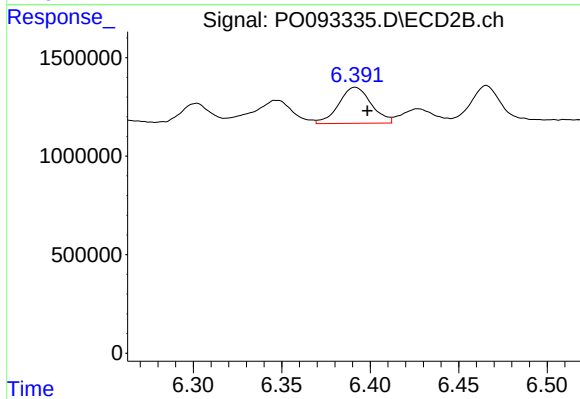
#31 AR-1260-1

R.T.: 6.202 min
Delta R.T.: -0.007 min
Response: 2132986
Conc: 35.08 ng/ml



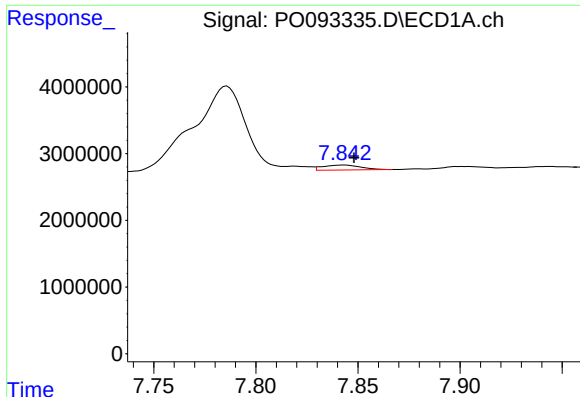
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: -0.010 min
Response: 9317056
Conc: 63.11 ng/ml



#32 AR-1260-2

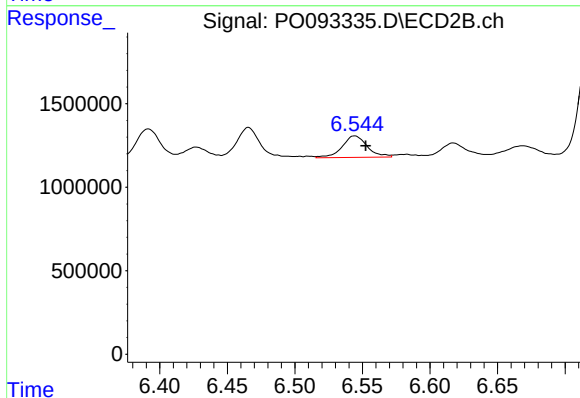
R.T.: 6.392 min
Delta R.T.: -0.007 min
Response: 2330289
Conc: 32.23 ng/ml



#33 AR-1260-3

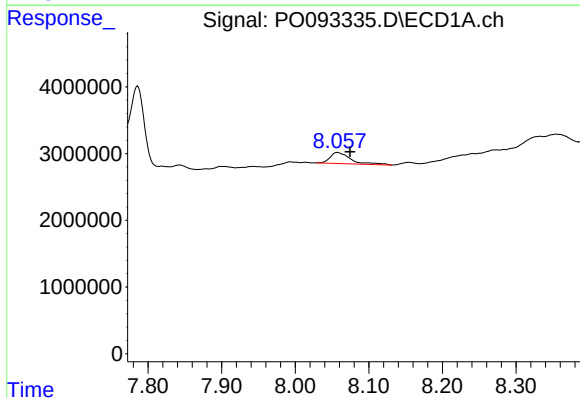
R.T.: 7.843 min
Delta R.T.: -0.005 min
Response: 967235
Conc: 8.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



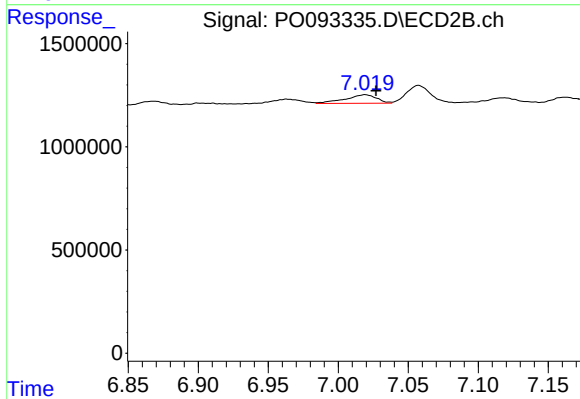
#33 AR-1260-3

R.T.: 6.544 min
Delta R.T.: -0.008 min
Response: 1667882
Conc: 24.94 ng/ml



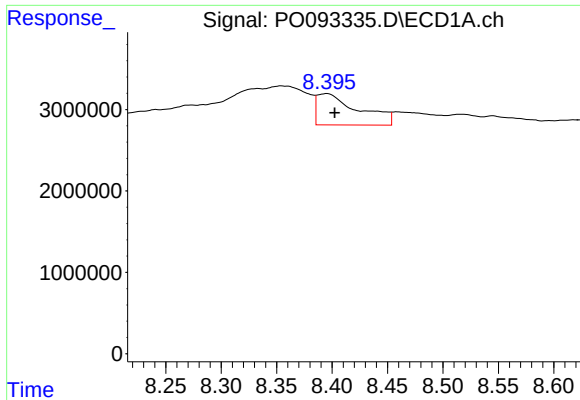
#34 AR-1260-4

R.T.: 8.057 min
Delta R.T.: -0.018 min
Response: 3239257
Conc: 25.26 ng/ml



#34 AR-1260-4

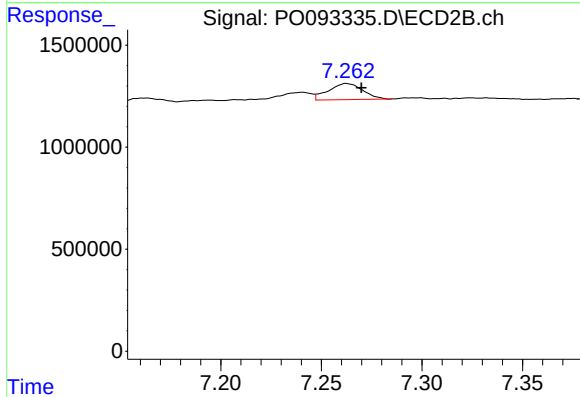
R.T.: 7.019 min
Delta R.T.: -0.008 min
Response: 640043
Conc: 11.63 ng/ml



#35 AR-1260-5

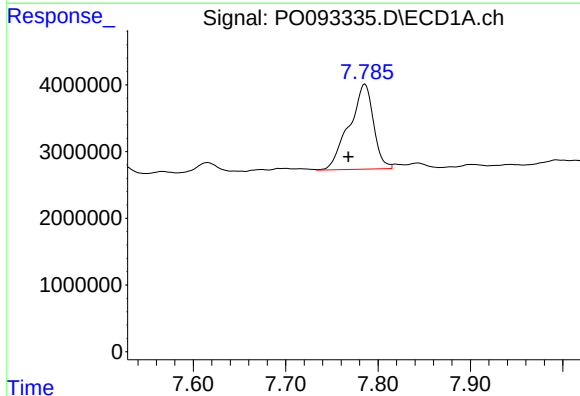
R.T.: 8.396 min
Delta R.T.: -0.007 min
Response: 10020102
Conc: 44.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



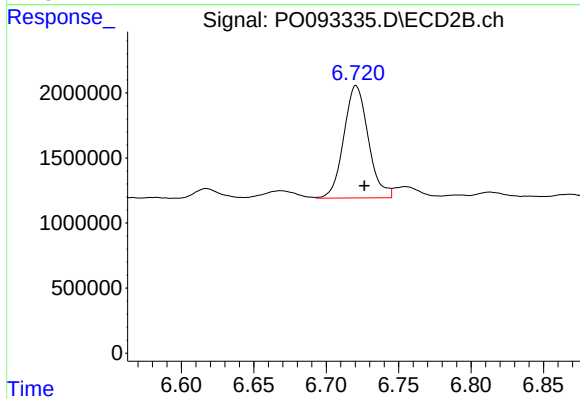
#35 AR-1260-5

R.T.: 7.263 min
Delta R.T.: -0.007 min
Response: 932970
Conc: 7.92 ng/ml



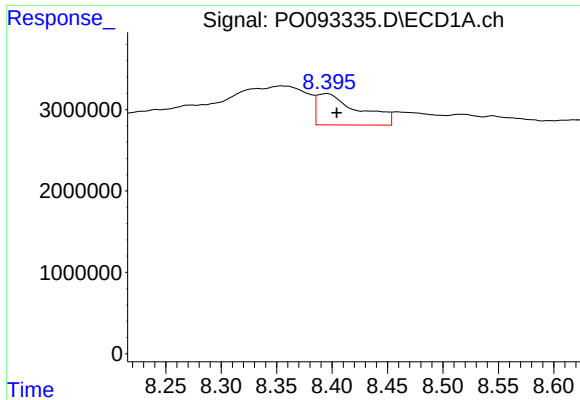
#36 AR-1262-1

R.T.: 7.786 min
Delta R.T.: 0.018 min
Response: 23177382
Conc: 233.16 ng/ml



#36 AR-1262-1

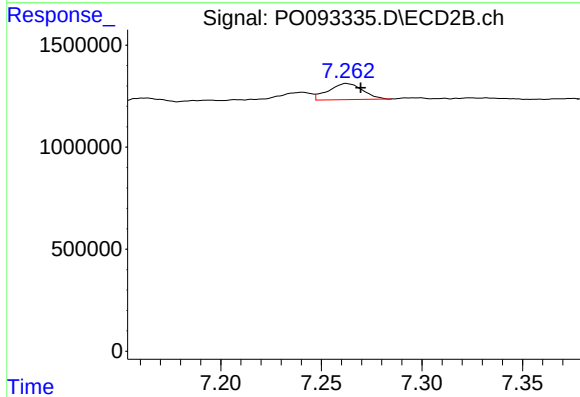
R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 10165716
Conc: 272.04 ng/ml



#37 AR-1262-2

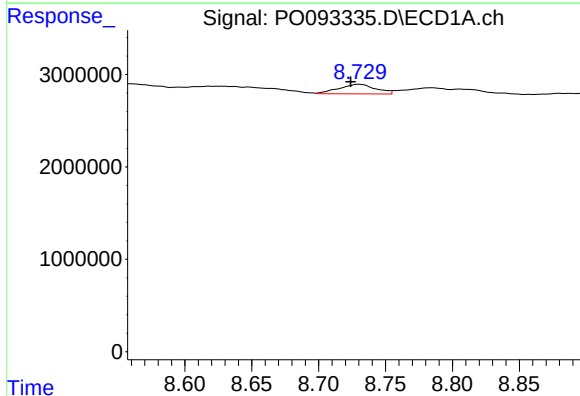
R.T.: 8.396 min
Delta R.T.: -0.008 min
Response: 10020102
Conc: 42.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



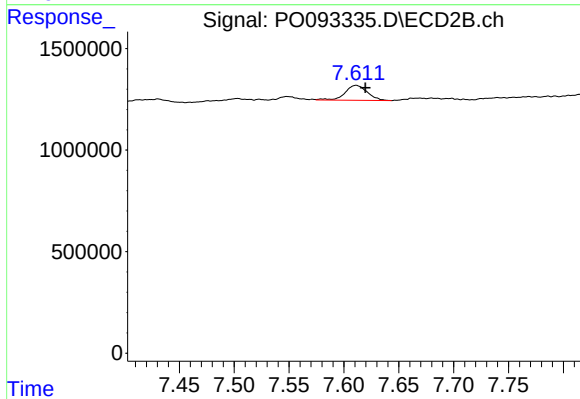
#37 AR-1262-2

R.T.: 7.263 min
Delta R.T.: -0.007 min
Response: 932970
Conc: 7.83 ng/ml



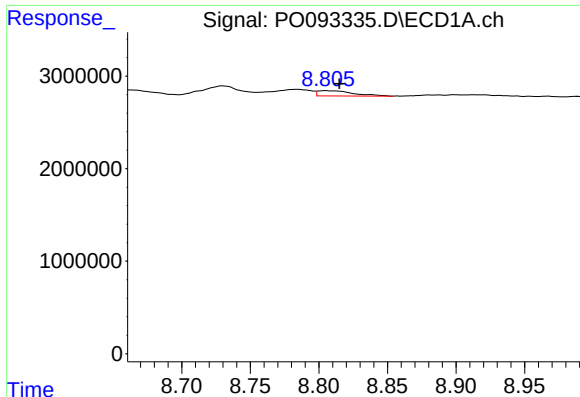
#38 AR-1262-3

R.T.: 8.730 min
Delta R.T.: 0.006 min
Response: 1966347
Conc: 11.64 ng/ml



#38 AR-1262-3

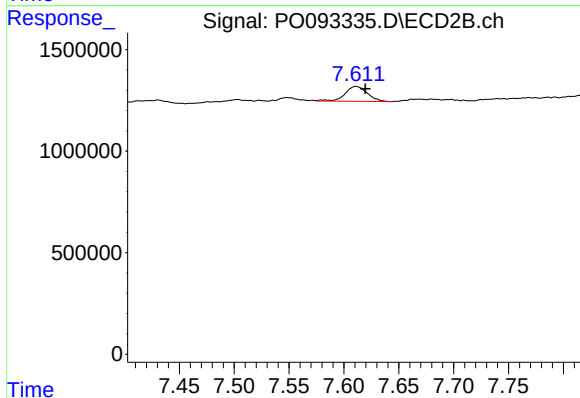
R.T.: 7.611 min
Delta R.T.: -0.008 min
Response: 1031607
Conc: 11.41 ng/ml



#39 AR-1262-4

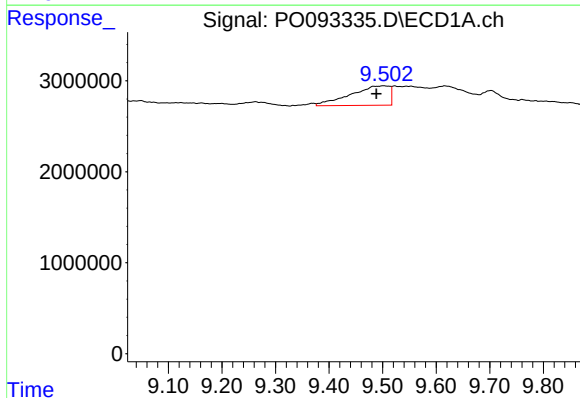
R.T.: 8.805 min
Delta R.T.: -0.010 min
Response: 998294
Conc: 11.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



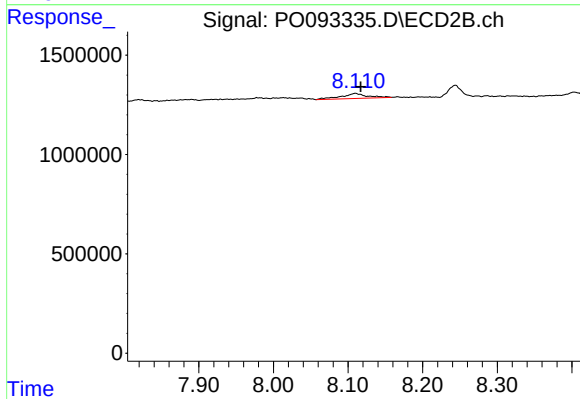
#39 AR-1262-4

R.T.: 7.611 min
Delta R.T.: -0.008 min
Response: 1031607
Conc: 11.41 ng/ml



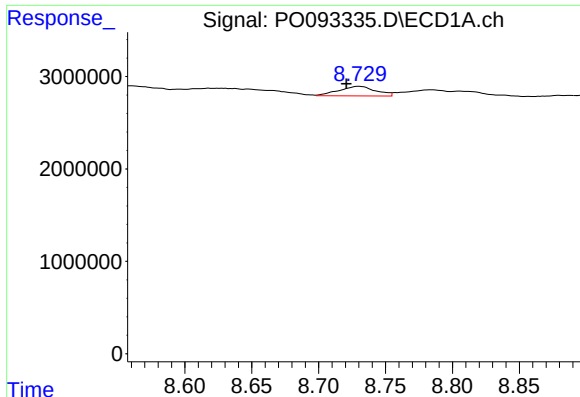
#40 AR-1262-5

R.T.: 9.503 min
Delta R.T.: 0.014 min
Response: 10912472
Conc: 114.26 ng/ml



#40 AR-1262-5

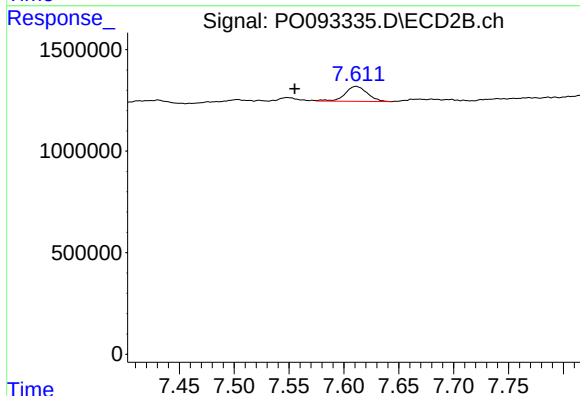
R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 617336
Conc: 15.08 ng/ml



#41 AR-1268-1

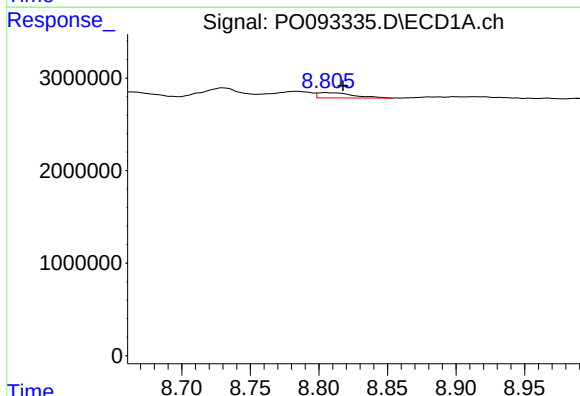
R.T.: 8.730 min
Delta R.T.: 0.009 min
Response: 1966347
Conc: 6.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



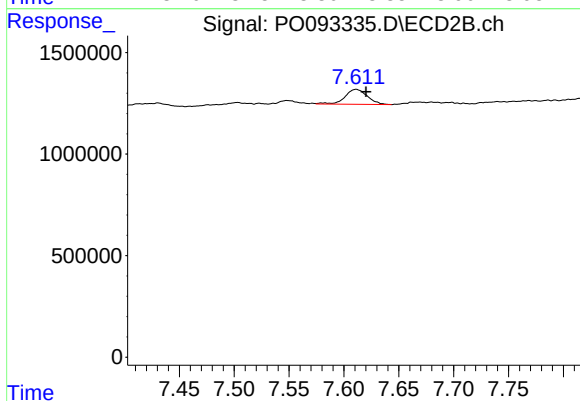
#41 AR-1268-1

R.T.: 7.611 min
Delta R.T.: 0.056 min
Response: 1031607
Conc: 6.59 ng/ml



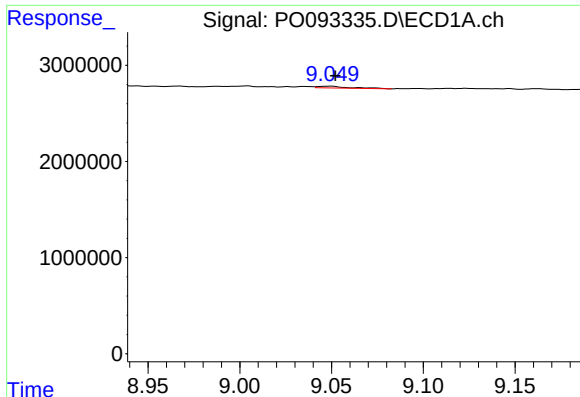
#42 AR-1268-2

R.T.: 8.805 min
Delta R.T.: -0.013 min
Response: 998294
Conc: 3.44 ng/ml



#42 AR-1268-2

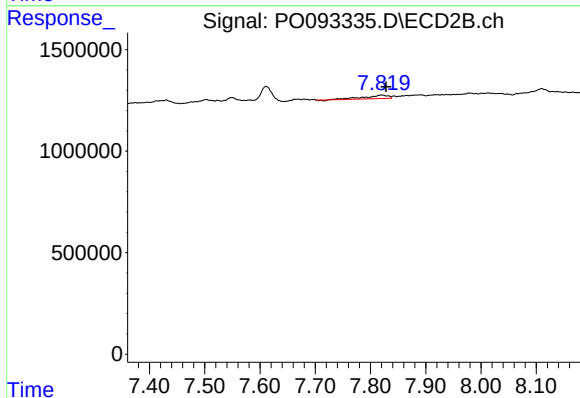
R.T.: 7.611 min
Delta R.T.: -0.009 min
Response: 1031607
Conc: 7.39 ng/ml



#43 AR-1268-3

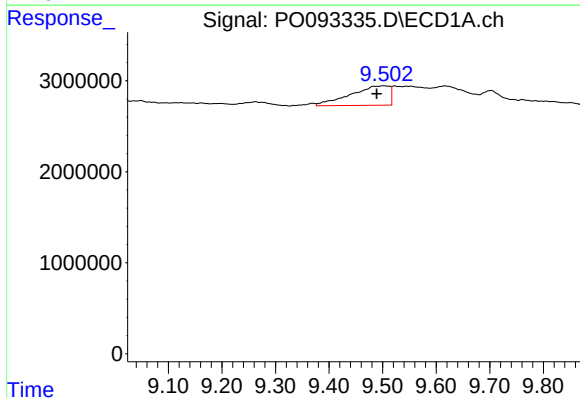
R.T.: 9.049 min
Delta R.T.: -0.003 min
Response: 203396
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



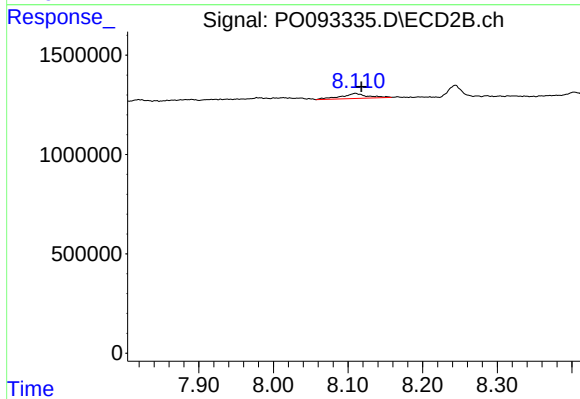
#43 AR-1268-3

R.T.: 7.819 min
Delta R.T.: -0.009 min
Response: 525770
Conc: 4.23 ng/ml



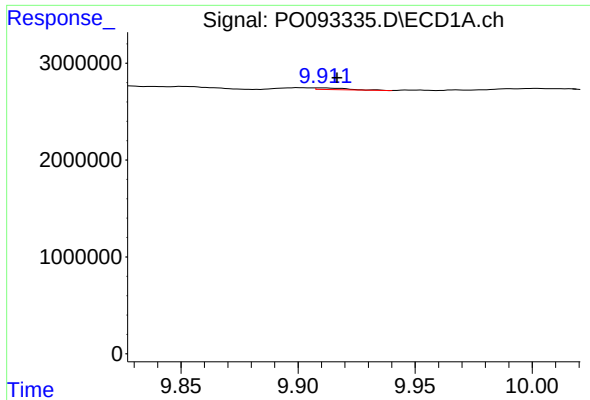
#44 AR-1268-4

R.T.: 9.503 min
Delta R.T.: 0.014 min
Response: 10912472
Conc: 102.18 ng/ml



#44 AR-1268-4

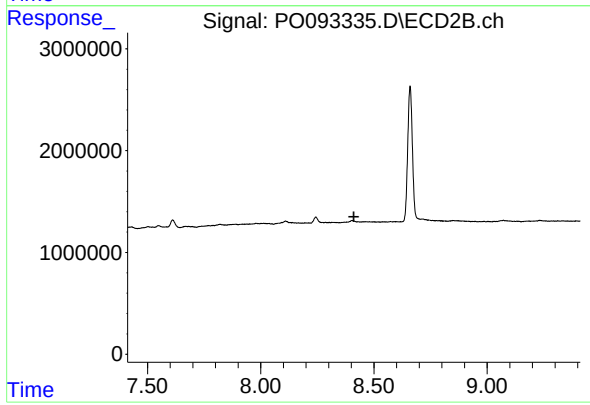
R.T.: 8.110 min
Delta R.T.: -0.008 min
Response: 617336
Conc: 12.52 ng/ml



#45 AR-1268-5

R.T.: 9.911 min
Delta R.T.: -0.006 min
Response: 160417
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.