

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031623\
 Data File : P0093245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2023 00:40
 Operator : YP/AJ
 Sample : 01942-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 04:20:56 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...	4.428	3.634	48215383	18536047	15.397	16.435
2)	SA Decachlor...	10.260	8.662	14611009	67111182	6.751	6.854
Target Compounds							
3)	L1 AR-1016-1	5.594	4.728	3285991	524503	34.390	14.653 #
4)	L1 AR-1016-2	5.628	4.728	1705686	524503	11.945	10.107
5)	L1 AR-1016-3	5.679	4.950	874454	1201059	9.638	43.414 #
6)	L1 AR-1016-4	5.799	4.950	2308339	1201059	34.071	48.306 #
7)	L1 AR-1016-5	6.092	0.000	1205235	0	16.097	N.D. #
8)	L2 AR-1221-1	4.630	3.840	2517896	285892	62.290	19.442 #
9)	L2 AR-1221-2	4.735	3.930	796657	1106040	26.288	101.279 #
10)	L2 AR-1221-3	4.793	4.052f	5063490	1225598	55.386	35.976 #
11)	L3 AR-1232-1	4.793	4.052f	5063490	1225598	69.355	43.393 #
12)	L3 AR-1232-2	5.339	4.728	763395	524503	21.231	21.286
13)	L3 AR-1232-3	5.628	4.950f	1705686	1201059	26.055	94.932 #
14)	L3 AR-1232-4	5.799	5.024	2308339	750642	75.394	58.609
15)	L3 AR-1232-5	5.895	0.000	2384873	0	85.946	N.D. #
16)	L4 AR-1242-1	5.594	4.728	3285991	524503	40.091	17.261 #
17)	L4 AR-1242-2	5.628	4.728	1705686	524503	14.211	11.814
18)	L4 AR-1242-3	5.679	4.950	874454	1201059	11.394	51.372 #
19)	L4 AR-1242-4	5.799	5.024	2308339	750642	40.278	28.815 #
20)	L4 AR-1242-5	6.540	5.517	2213971	1951666	35.429	68.319 #
21)	L5 AR-1248-1	5.594	4.728	3285991	524503	52.860	22.538 #
22)	L5 AR-1248-2	5.895	4.950	2384873	1201059	24.970	33.141 #
23)	L5 AR-1248-3	6.092	5.024	1205235	750642	11.582	20.003 #
24)	L5 AR-1248-4	6.503	0.000	3719123	0	36.522	N.D. #
25)	L5 AR-1248-5	6.540	5.560	2213971	629000	21.629	17.103
26)	L6 AR-1254-1	6.471	5.517	2629750	1951666	22.503	31.095 #
27)	L6 AR-1254-2	6.690	5.672	2800612	1816637	16.391	32.237 #
28)	L6 AR-1254-3	7.057	6.073	959079	1335872	5.769	15.516 #
29)	L6 AR-1254-4	7.357	6.293	991386	799868	9.300	17.491 #
30)	L6 AR-1254-5	7.800	6.719	4510877	6225208	33.313	84.293 #
31)	L7 AR-1260-1	7.223	6.208	1037775	2732443	8.010	44.943 #
32)	L7 AR-1260-2	7.500	6.417	4209761	1327209	28.517	18.358 #
33)	L7 AR-1260-3	7.832	6.536	3392426	1628420	30.160	24.353
34)	L7 AR-1260-4	8.116f	0.000	4209904	0	32.829	N.D. #
35)	L7 AR-1260-5	8.399	7.263	2463265	1176612	11.025	9.994
36)	L8 AR-1262-1	7.800	6.719	4510877	6225208	45.379	166.589 #
37)	L8 AR-1262-2	8.399	7.263	2463265	1176612	10.379	9.881
38)	L8 AR-1262-3	8.745	7.659f	5281137	187872	31.271	2.079 #
39)	L8 AR-1262-4	8.847	7.659f	91212	187872	1.018	2.079 #
40)	L8 AR-1262-5	9.493	8.108	1126464	453051	11.794	11.070
41)	L9 AR-1268-1	8.745	7.548	5281137	846003	16.538	5.406 #

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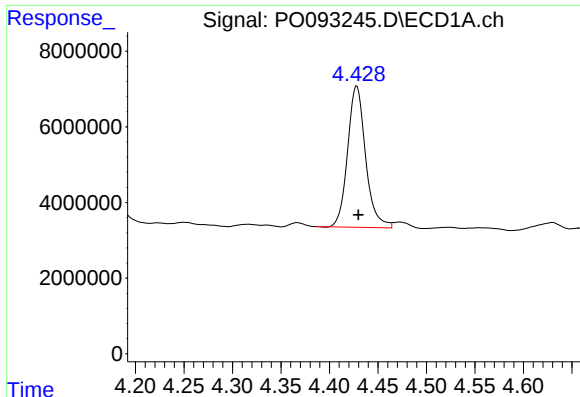
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 04:20:56 2023
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 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	8.847	7.659f	91212	187872	0.314	1.346 #
43) L9	AR-1268-3	9.032	7.830	1068967	1242239	4.188	9.983 #
44) L9	AR-1268-4	9.493	8.108	1126464	453051	10.548	9.187
45) L9	AR-1268-5	9.964f	0.000	575181	0	0.716	N.D. #

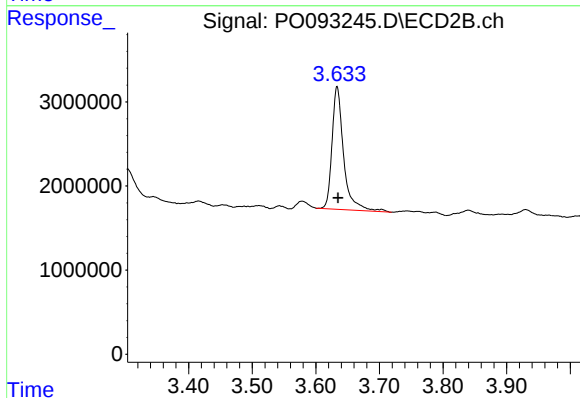
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

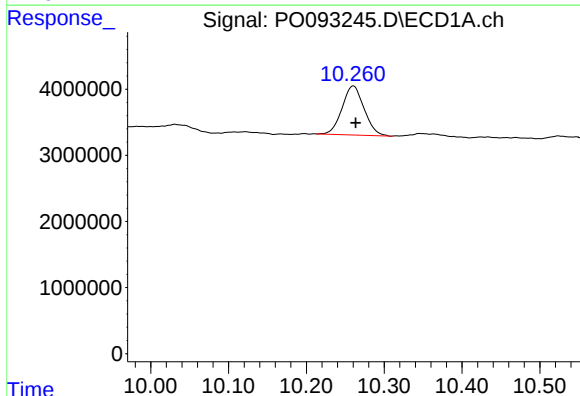
R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 48215383
Conc: 15.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



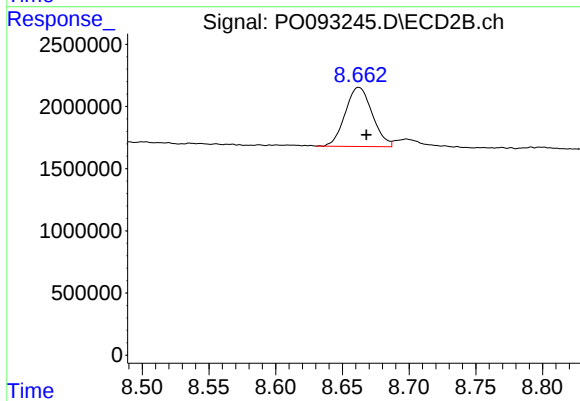
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: -0.001 min
Response: 18536047
Conc: 16.43 ng/ml



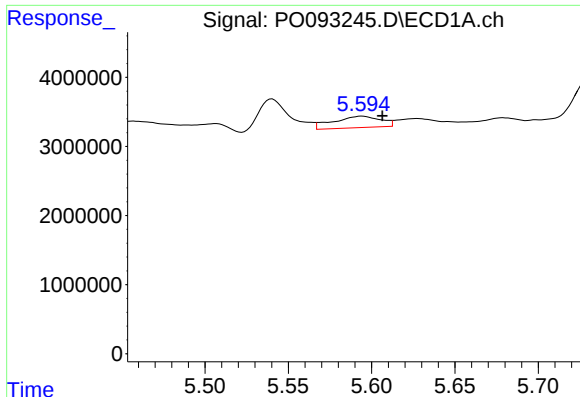
#2 Decachlorobiphenyl

R.T.: 10.260 min
Delta R.T.: -0.003 min
Response: 14611009
Conc: 6.75 ng/ml



#2 Decachlorobiphenyl

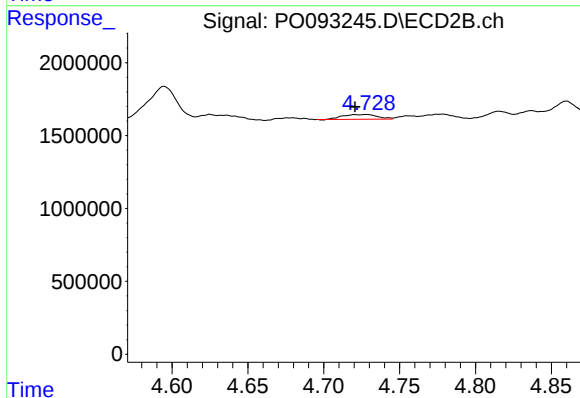
R.T.: 8.662 min
Delta R.T.: -0.006 min
Response: 6711182
Conc: 6.85 ng/ml



#3 AR-1016-1

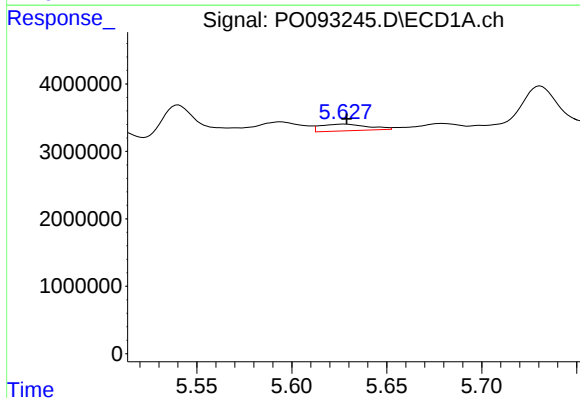
R.T.: 5.594 min
Delta R.T.: -0.012 min
Response: 3285991
Conc: 34.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



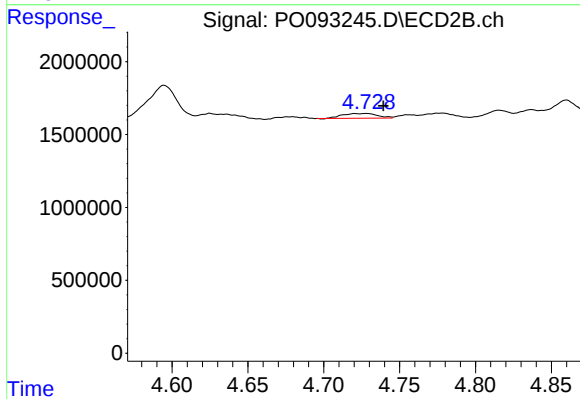
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.007 min
Response: 524503
Conc: 14.65 ng/ml



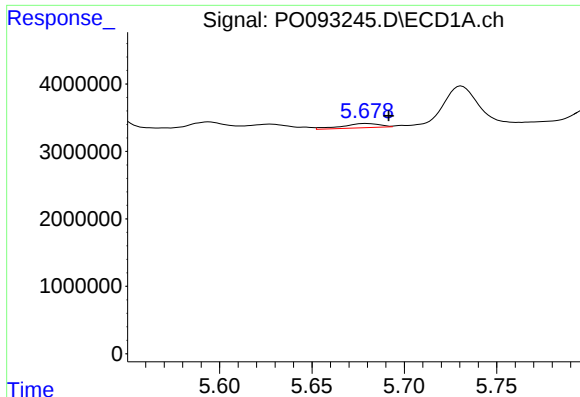
#4 AR-1016-2

R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 1705686
Conc: 11.95 ng/ml



#4 AR-1016-2

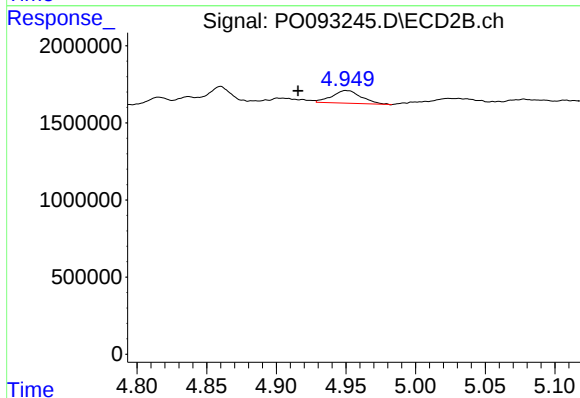
R.T.: 4.728 min
Delta R.T.: -0.011 min
Response: 524503
Conc: 10.11 ng/ml



#5 AR-1016-3

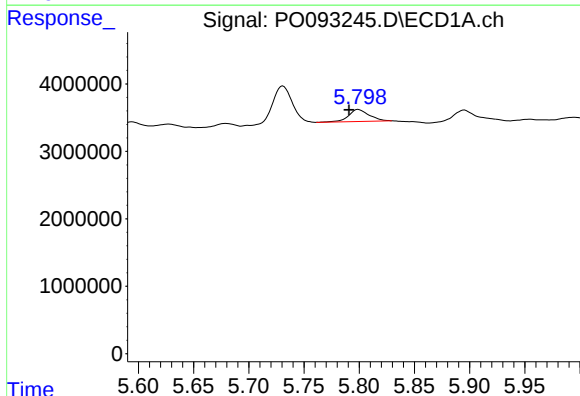
R.T.: 5.679 min
Delta R.T.: -0.012 min
Response: 874454
Conc: 9.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



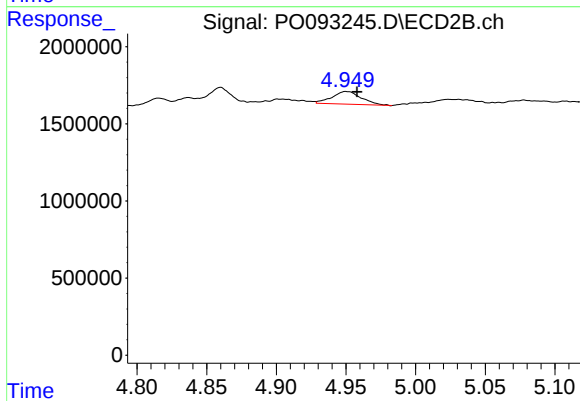
#5 AR-1016-3

R.T.: 4.950 min
Delta R.T.: 0.035 min
Response: 1201059
Conc: 43.41 ng/ml



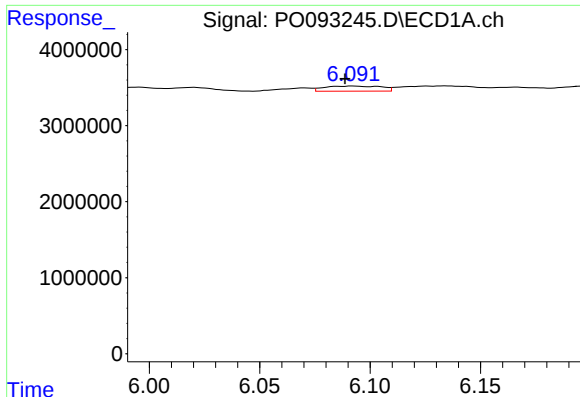
#6 AR-1016-4

R.T.: 5.799 min
Delta R.T.: 0.008 min
Response: 2308339
Conc: 34.07 ng/ml



#6 AR-1016-4

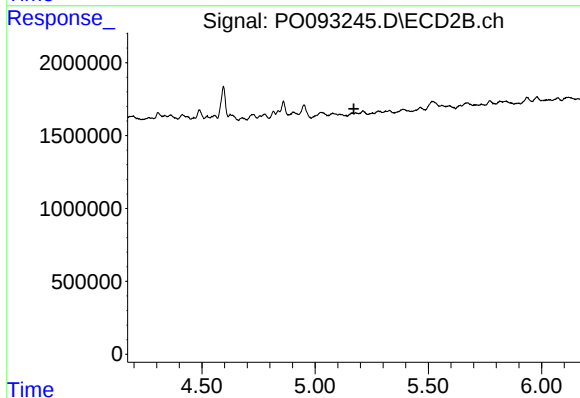
R.T.: 4.950 min
Delta R.T.: -0.008 min
Response: 1201059
Conc: 48.31 ng/ml



#7 AR-1016-5

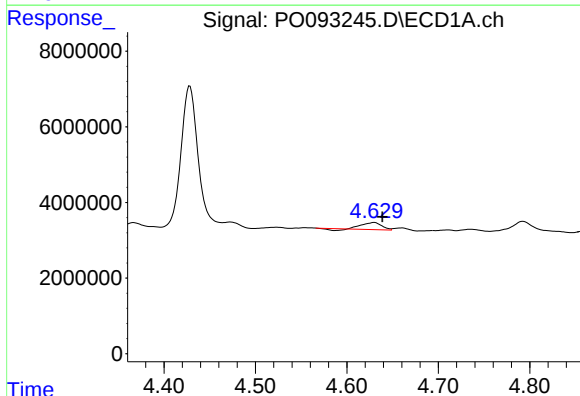
R.T.: 6.092 min
Delta R.T.: 0.004 min
Response: 1205235
Conc: 16.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



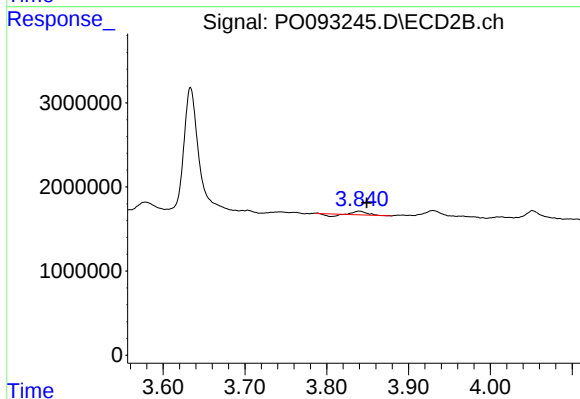
#7 AR-1016-5

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



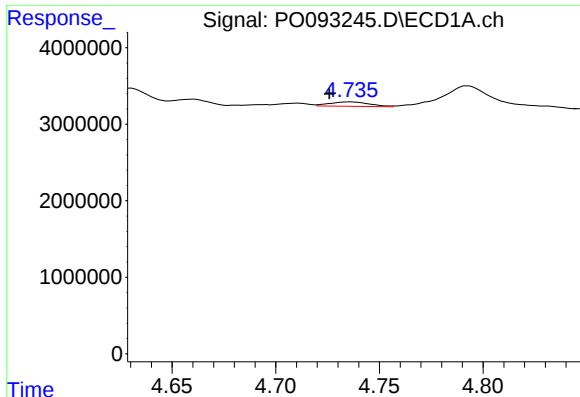
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: -0.009 min
Response: 2517896
Conc: 62.29 ng/ml



#8 AR-1221-1

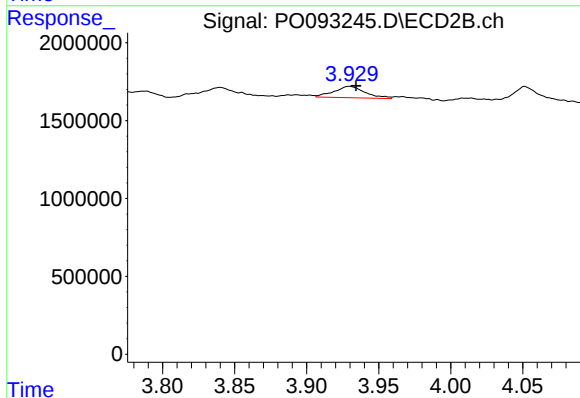
R.T.: 3.840 min
Delta R.T.: -0.009 min
Response: 285892
Conc: 19.44 ng/ml



#9 AR-1221-2

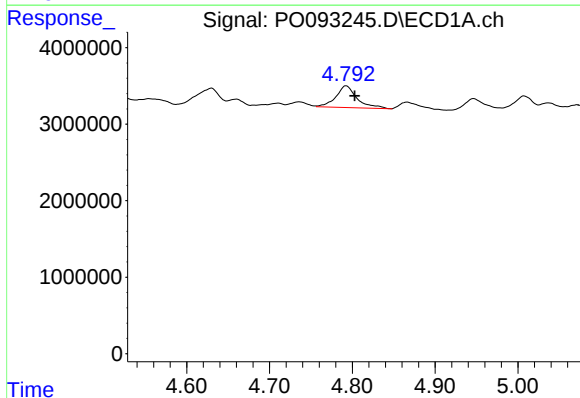
R.T.: 4.735 min
Delta R.T.: 0.010 min
Response: 796657
Conc: 26.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



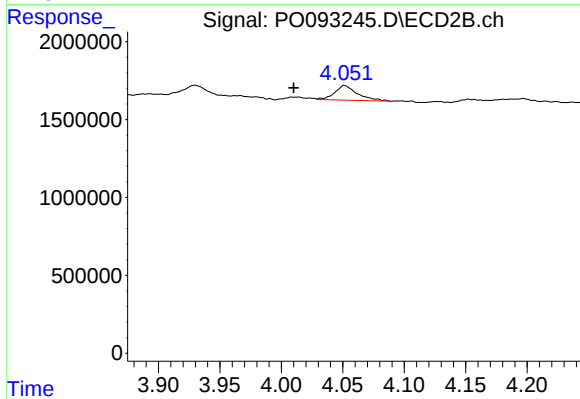
#9 AR-1221-2

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 1106040
Conc: 101.28 ng/ml



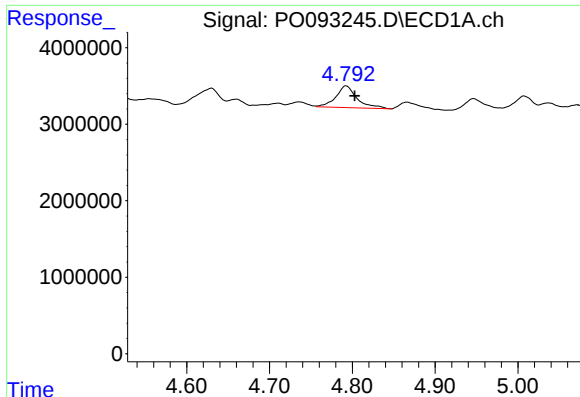
#10 AR-1221-3

R.T.: 4.793 min
Delta R.T.: -0.010 min
Response: 5063490
Conc: 55.39 ng/ml



#10 AR-1221-3

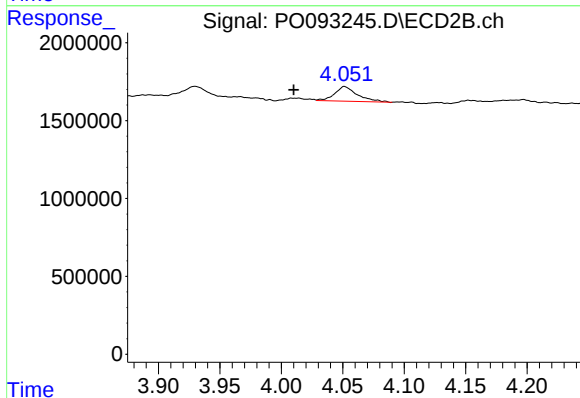
R.T.: 4.052 min
Delta R.T.: 0.041 min
Response: 1225598
Conc: 35.98 ng/ml



#11 AR-1232-1

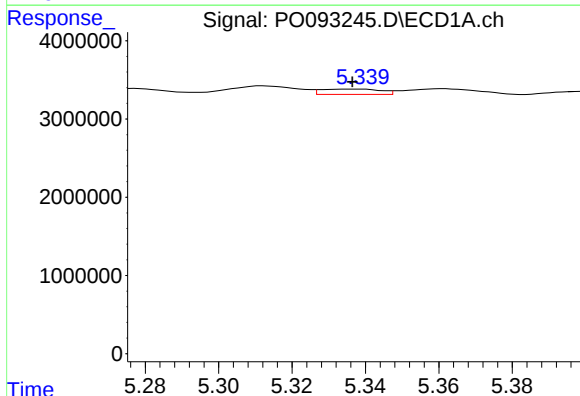
R.T.: 4.793 min
Delta R.T.: -0.010 min
Response: 5063490
Conc: 69.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



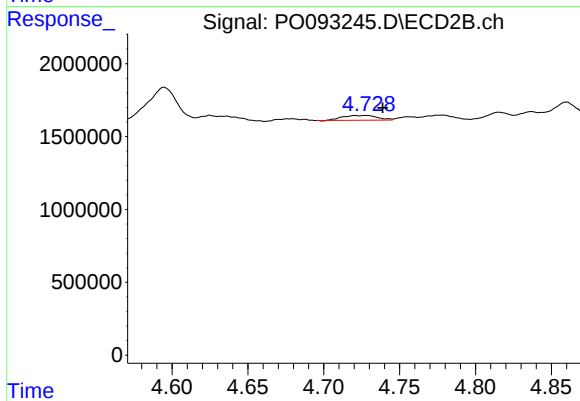
#11 AR-1232-1

R.T.: 4.052 min
Delta R.T.: 0.041 min
Response: 1225598
Conc: 43.39 ng/ml



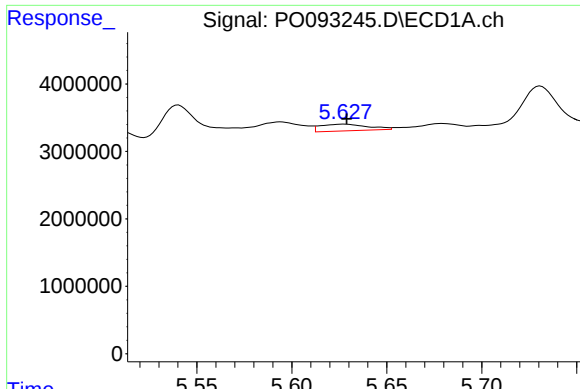
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: 0.002 min
Response: 763395
Conc: 21.23 ng/ml



#12 AR-1232-2

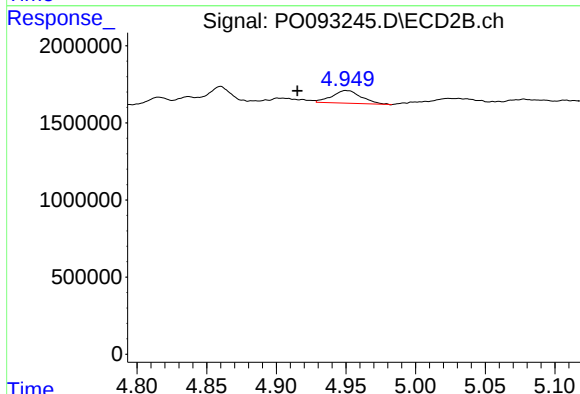
R.T.: 4.728 min
Delta R.T.: -0.011 min
Response: 524503
Conc: 21.29 ng/ml



#13 AR-1232-3

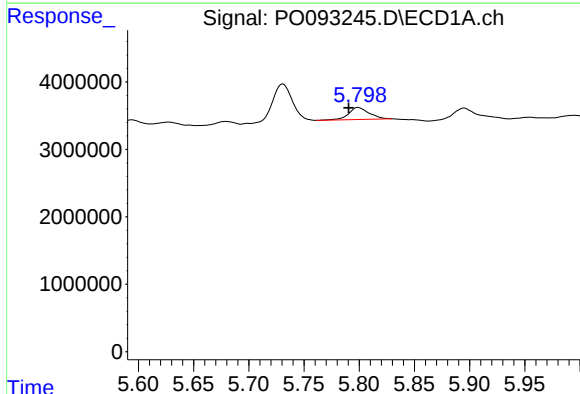
R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 1705686
Conc: 26.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



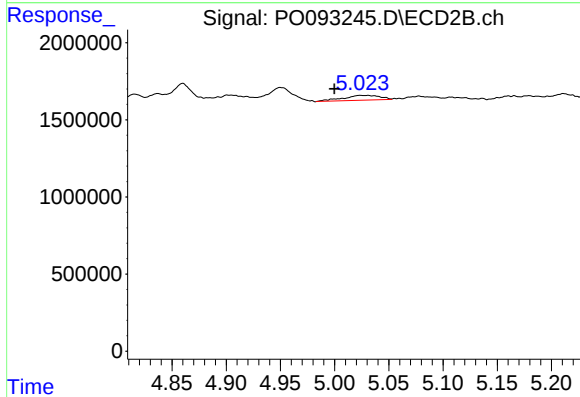
#13 AR-1232-3

R.T.: 4.950 min
Delta R.T.: 0.035 min
Response: 1201059
Conc: 94.93 ng/ml



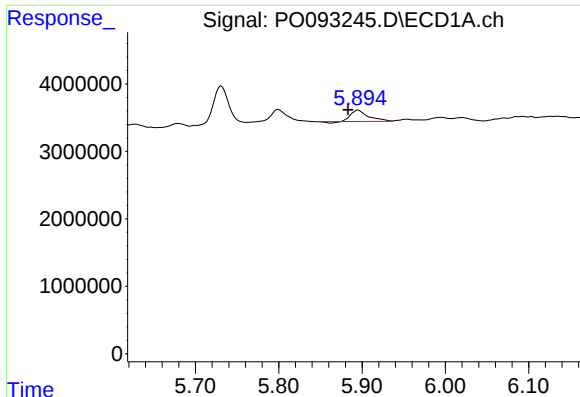
#14 AR-1232-4

R.T.: 5.799 min
Delta R.T.: 0.009 min
Response: 2308339
Conc: 75.39 ng/ml



#14 AR-1232-4

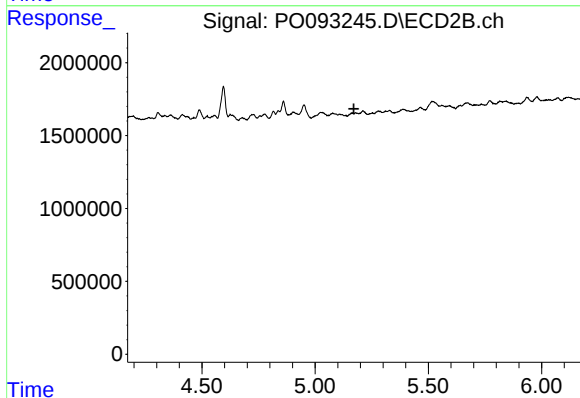
R.T.: 5.024 min
Delta R.T.: 0.024 min
Response: 750642
Conc: 58.61 ng/ml



#15 AR-1232-5

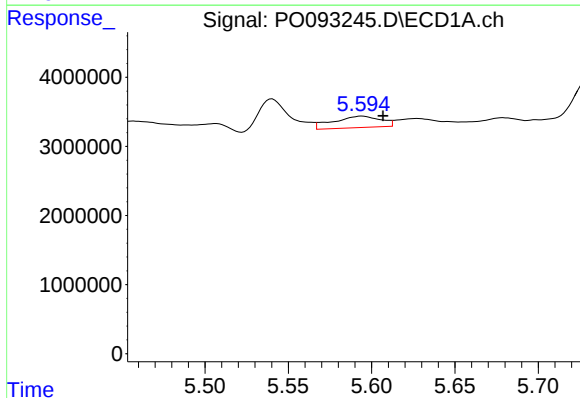
R.T.: 5.895 min
Delta R.T.: 0.012 min
Response: 2384873
Conc: 85.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



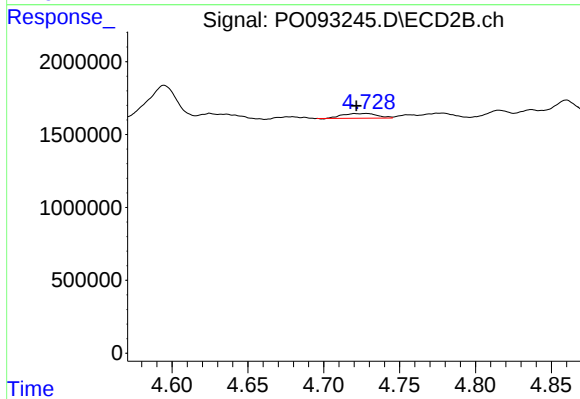
#15 AR-1232-5

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



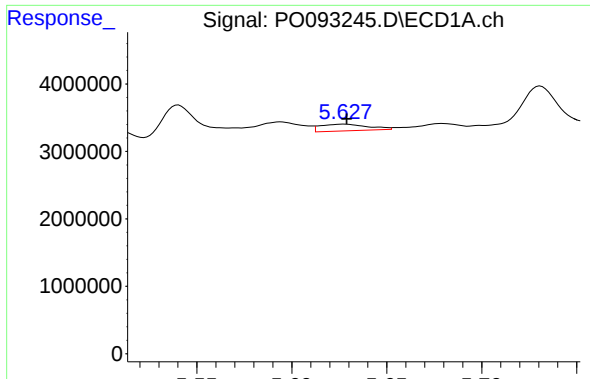
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: -0.012 min
Response: 3285991
Conc: 40.09 ng/ml



#16 AR-1242-1

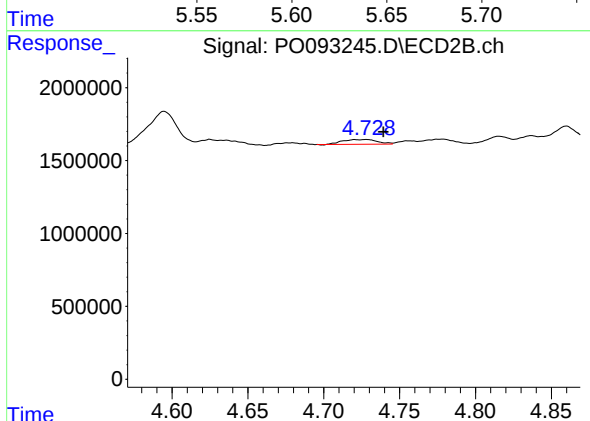
R.T.: 4.728 min
Delta R.T.: 0.007 min
Response: 524503
Conc: 17.26 ng/ml



#17 AR-1242-2

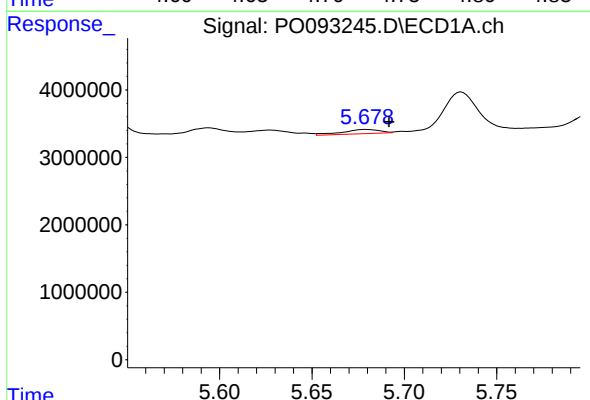
R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 1705686
Conc: 14.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



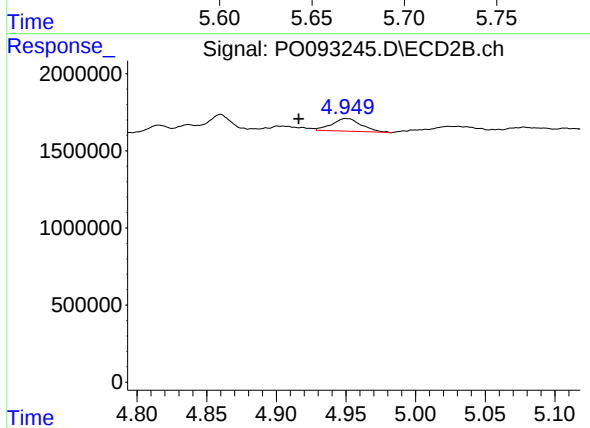
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: -0.011 min
Response: 524503
Conc: 11.81 ng/ml



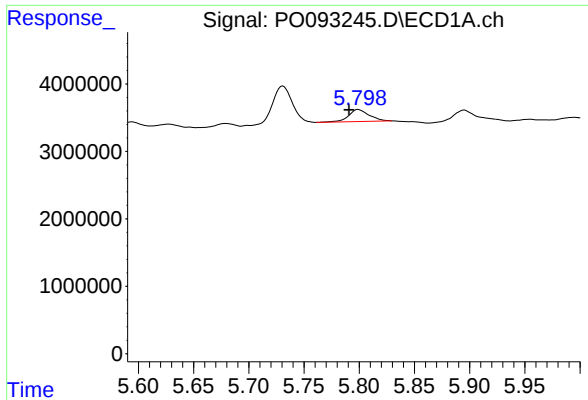
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: -0.013 min
Response: 874454
Conc: 11.39 ng/ml



#18 AR-1242-3

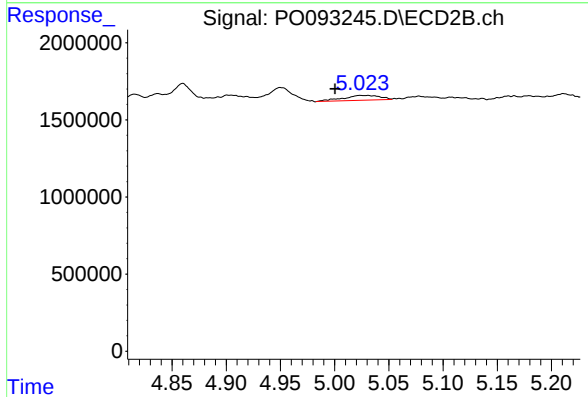
R.T.: 4.950 min
Delta R.T.: 0.034 min
Response: 1201059
Conc: 51.37 ng/ml



#19 AR-1242-4

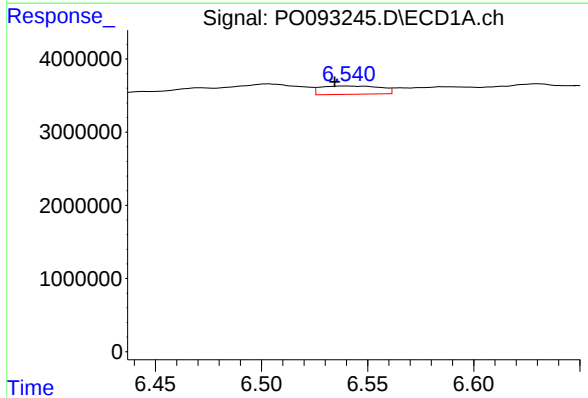
R.T.: 5.799 min
Delta R.T.: 0.008 min
Response: 2308339
Conc: 40.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



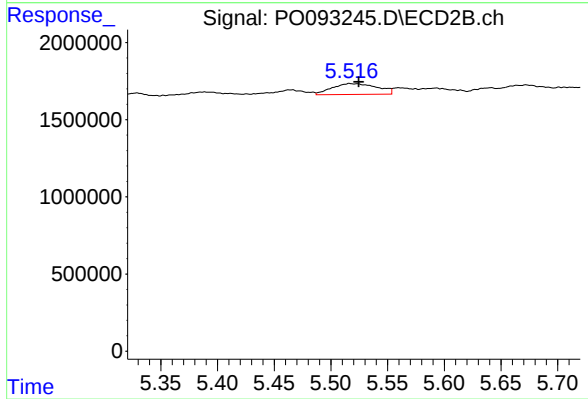
#19 AR-1242-4

R.T.: 5.024 min
Delta R.T.: 0.023 min
Response: 750642
Conc: 28.82 ng/ml



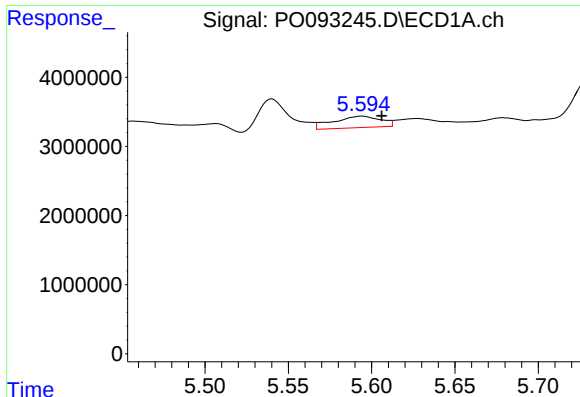
#20 AR-1242-5

R.T.: 6.540 min
Delta R.T.: 0.005 min
Response: 2213971
Conc: 35.43 ng/ml



#20 AR-1242-5

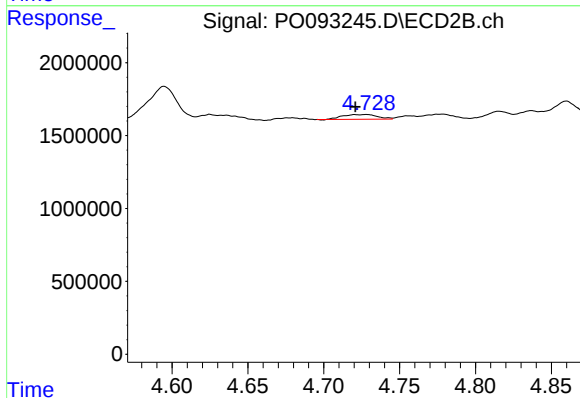
R.T.: 5.517 min
Delta R.T.: -0.008 min
Response: 1951666
Conc: 68.32 ng/ml



#21 AR-1248-1

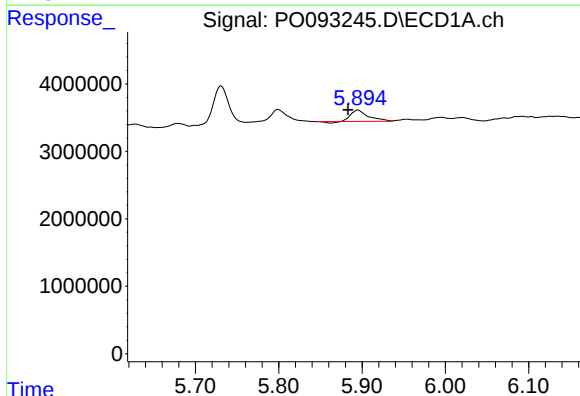
R.T.: 5.594 min
Delta R.T.: -0.012 min
Response: 3285991
Conc: 52.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



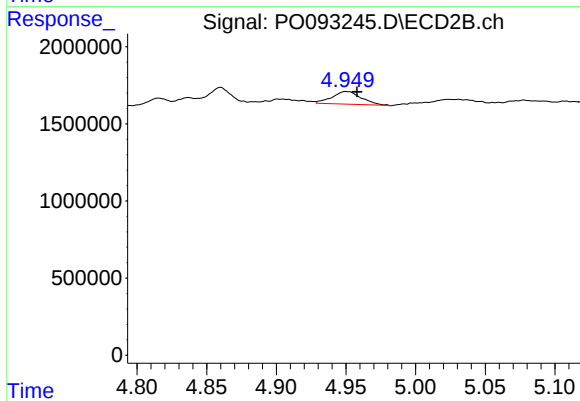
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.007 min
Response: 524503
Conc: 22.54 ng/ml



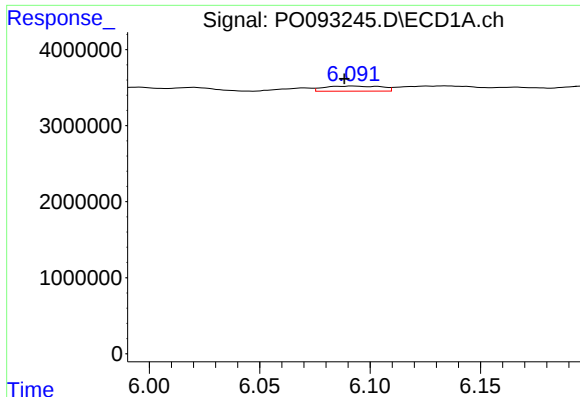
#22 AR-1248-2

R.T.: 5.895 min
Delta R.T.: 0.012 min
Response: 2384873
Conc: 24.97 ng/ml



#22 AR-1248-2

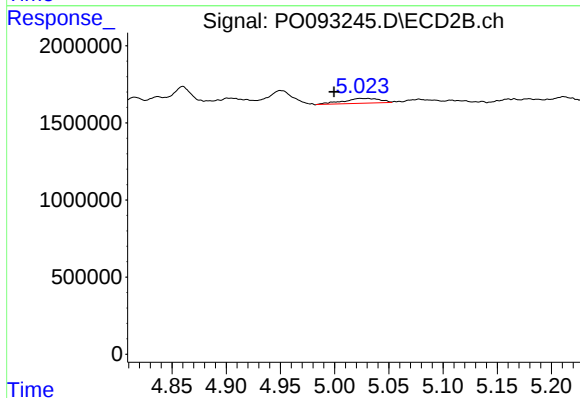
R.T.: 4.950 min
Delta R.T.: -0.007 min
Response: 1201059
Conc: 33.14 ng/ml



#23 AR-1248-3

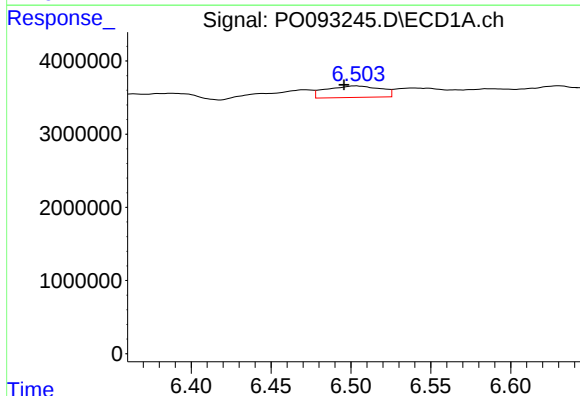
R.T.: 6.092 min
Delta R.T.: 0.004 min
Response: 1205235
Conc: 11.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



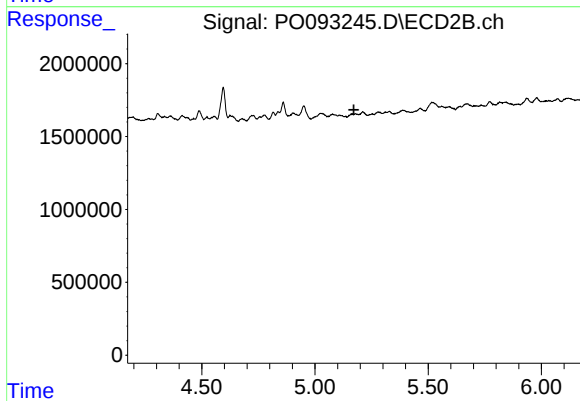
#23 AR-1248-3

R.T.: 5.024 min
Delta R.T.: 0.024 min
Response: 750642
Conc: 20.00 ng/ml



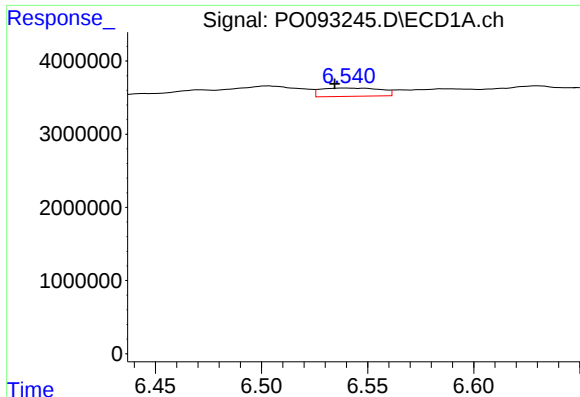
#24 AR-1248-4

R.T.: 6.503 min
Delta R.T.: 0.007 min
Response: 3719123
Conc: 36.52 ng/ml



#24 AR-1248-4

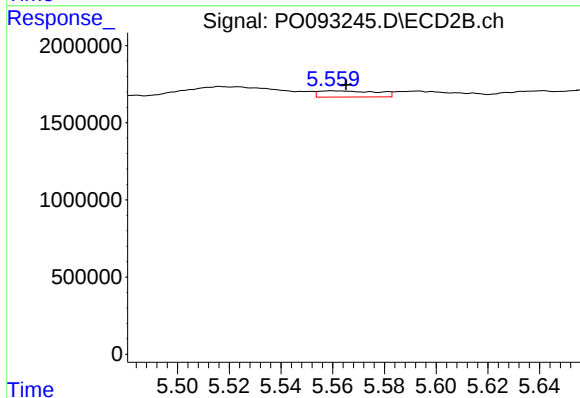
R.T.: 0.000 min
Exp R.T.: 5.172 min
Response: 0
Conc: N.D.



#25 AR-1248-5

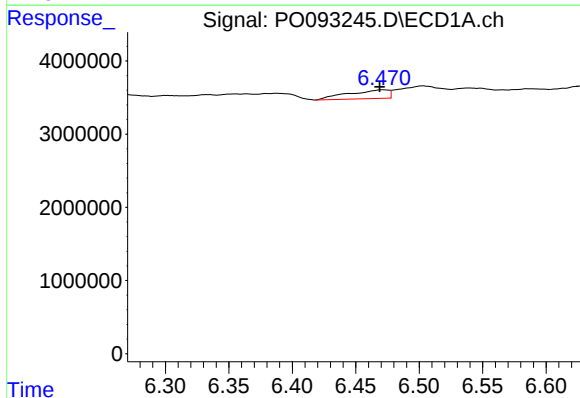
R.T.: 6.540 min
Delta R.T.: 0.005 min
Response: 2213971
Conc: 21.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



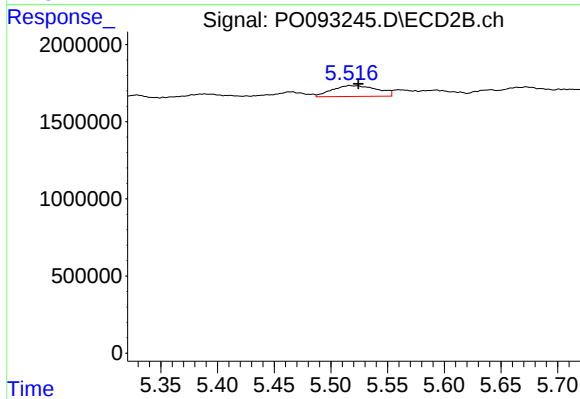
#25 AR-1248-5

R.T.: 5.560 min
Delta R.T.: -0.005 min
Response: 629000
Conc: 17.10 ng/ml



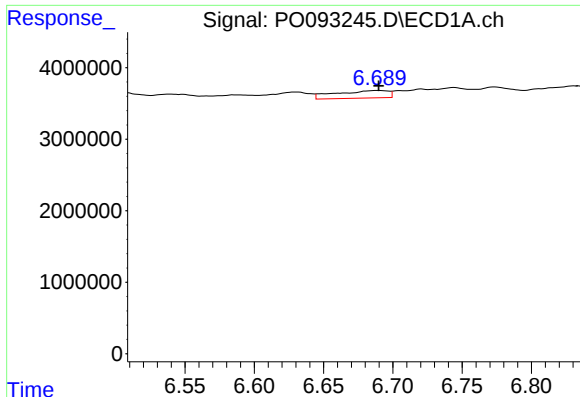
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 2629750
Conc: 22.50 ng/ml



#26 AR-1254-1

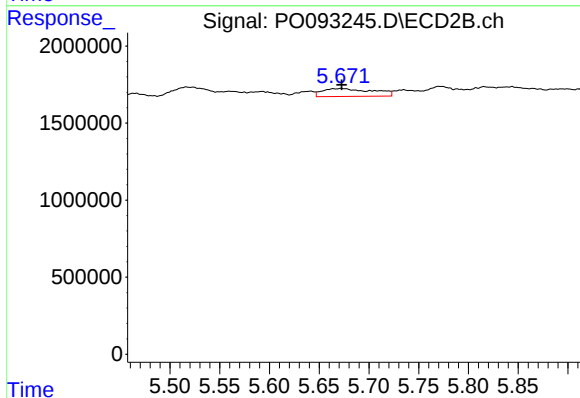
R.T.: 5.517 min
Delta R.T.: -0.008 min
Response: 1951666
Conc: 31.10 ng/ml



#27 AR-1254-2

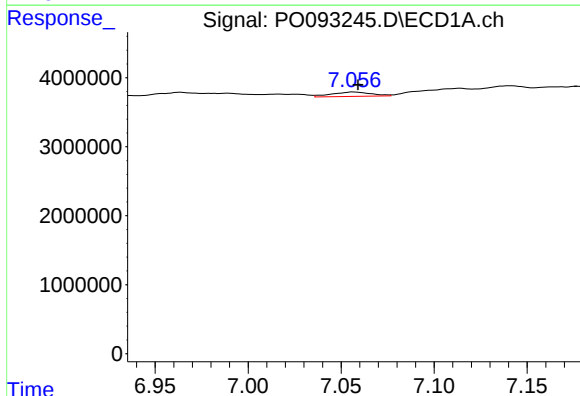
R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 2800612
Conc: 16.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



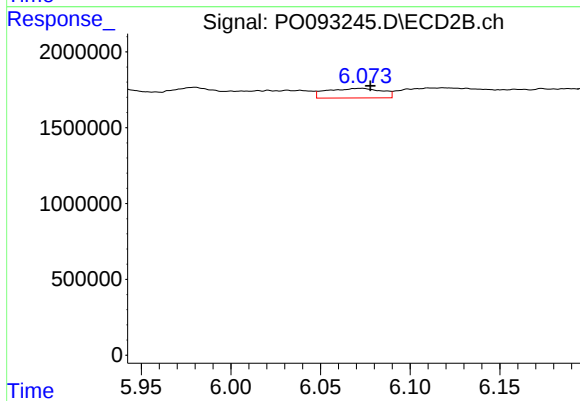
#27 AR-1254-2

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 1816637
Conc: 32.24 ng/ml



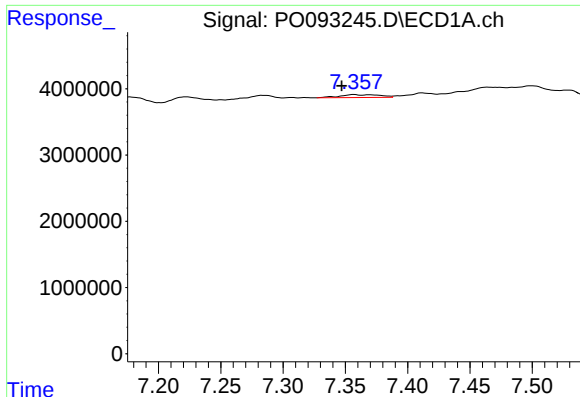
#28 AR-1254-3

R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 959079
Conc: 5.77 ng/ml



#28 AR-1254-3

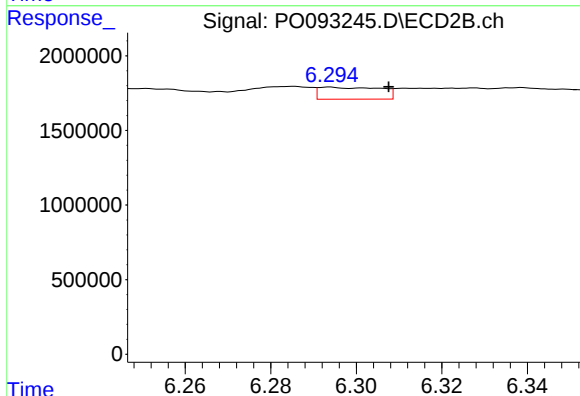
R.T.: 6.073 min
Delta R.T.: -0.005 min
Response: 1335872
Conc: 15.52 ng/ml



#29 AR-1254-4

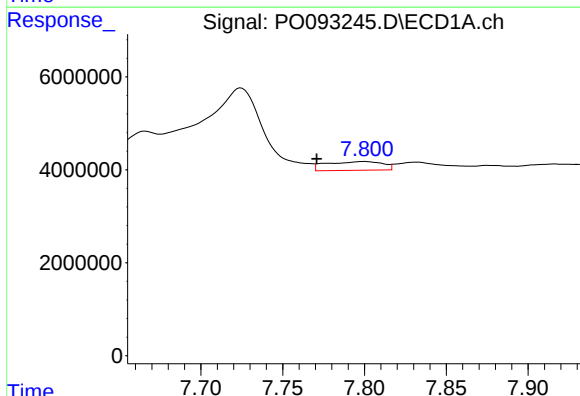
R.T.: 7.357 min
Delta R.T.: 0.010 min
Response: 991386
Conc: 9.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



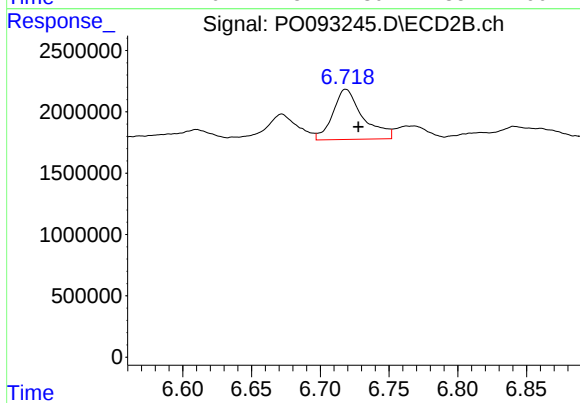
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.014 min
Response: 799868
Conc: 17.49 ng/ml



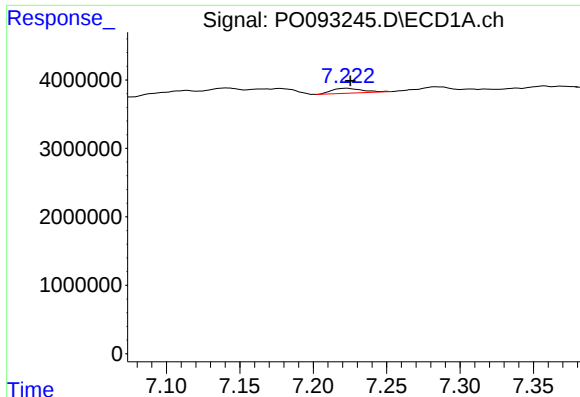
#30 AR-1254-5

R.T.: 7.800 min
Delta R.T.: 0.029 min
Response: 4510877
Conc: 33.31 ng/ml



#30 AR-1254-5

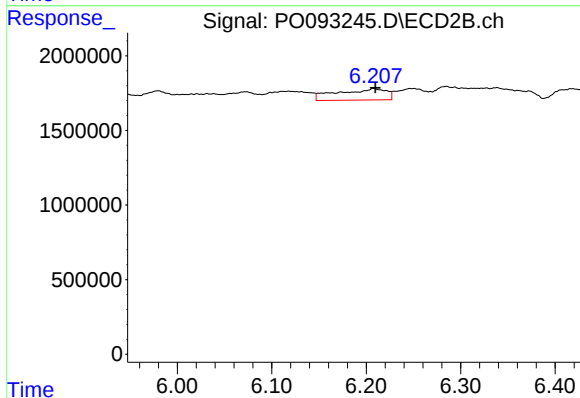
R.T.: 6.719 min
Delta R.T.: -0.009 min
Response: 6225208
Conc: 84.29 ng/ml



#31 AR-1260-1

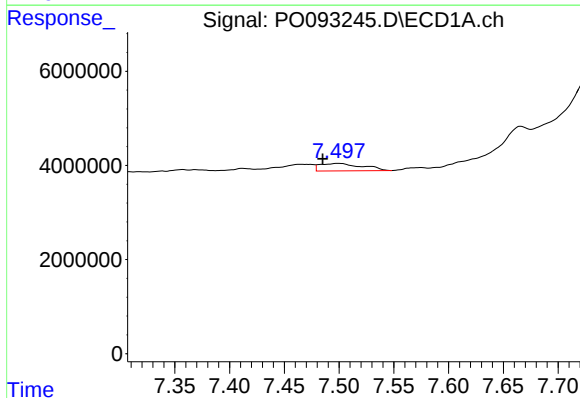
R.T.: 7.223 min
Delta R.T.: -0.003 min
Response: 1037775
Conc: 8.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



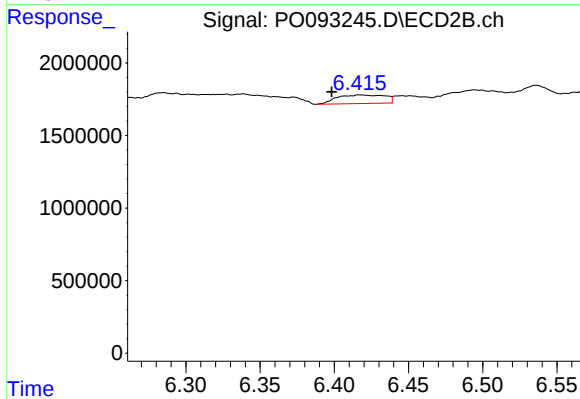
#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 2732443
Conc: 44.94 ng/ml



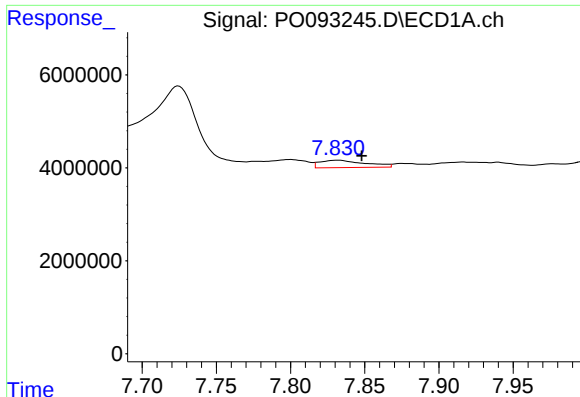
#32 AR-1260-2

R.T.: 7.500 min
Delta R.T.: 0.014 min
Response: 4209761
Conc: 28.52 ng/ml



#32 AR-1260-2

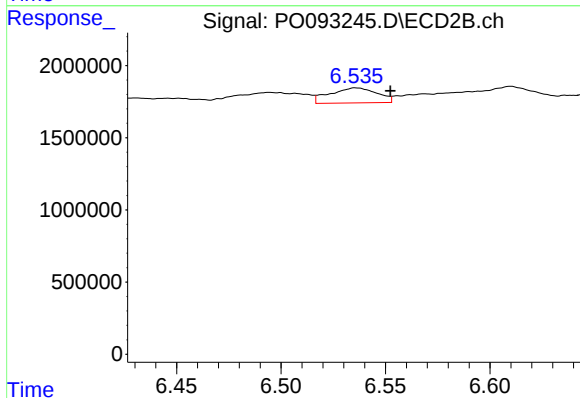
R.T.: 6.417 min
Delta R.T.: 0.019 min
Response: 1327209
Conc: 18.36 ng/ml



#33 AR-1260-3

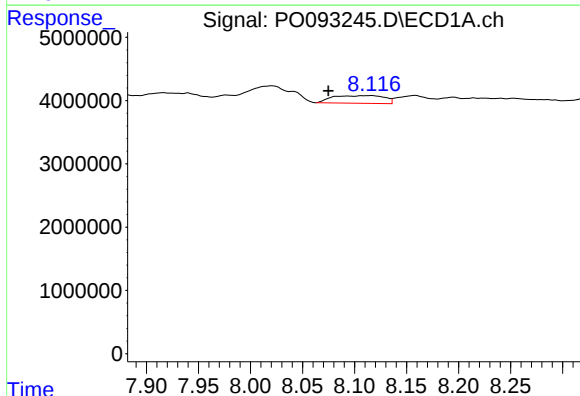
R.T.: 7.832 min
Delta R.T.: -0.016 min
Response: 3392426
Conc: 30.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



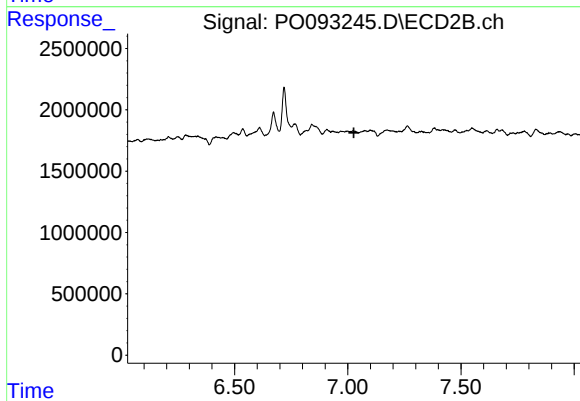
#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.016 min
Response: 1628420
Conc: 24.35 ng/ml



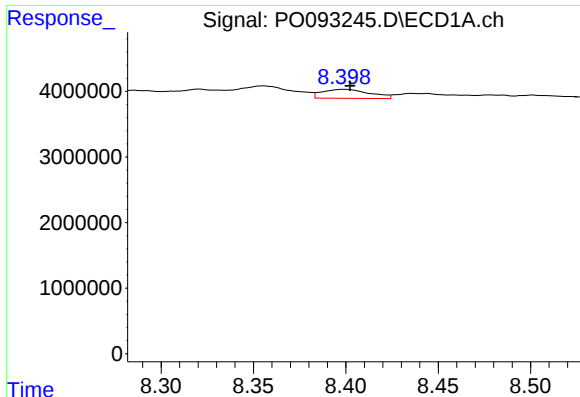
#34 AR-1260-4

R.T.: 8.116 min
Delta R.T.: 0.041 min
Response: 4209904
Conc: 32.83 ng/ml



#34 AR-1260-4

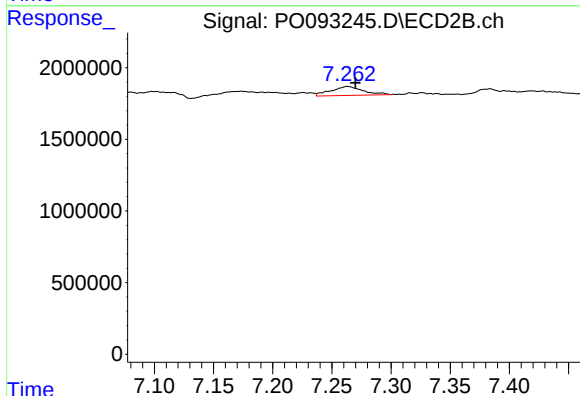
R.T.: 0.000 min
Exp R.T.: 7.027 min
Response: 0
Conc: N.D.



#35 AR-1260-5

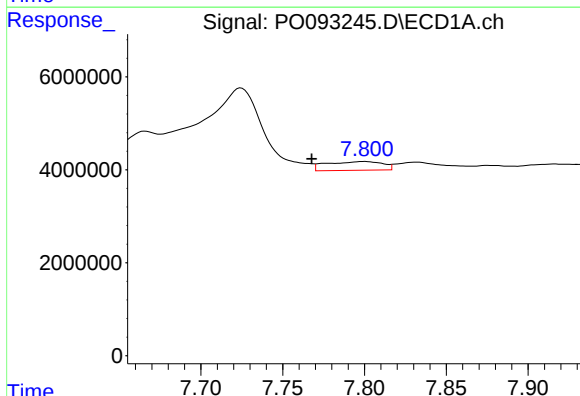
R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 2463265
Conc: 11.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



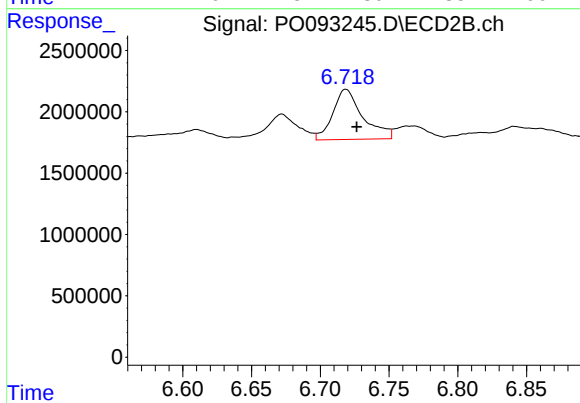
#35 AR-1260-5

R.T.: 7.263 min
Delta R.T.: -0.007 min
Response: 1176612
Conc: 9.99 ng/ml



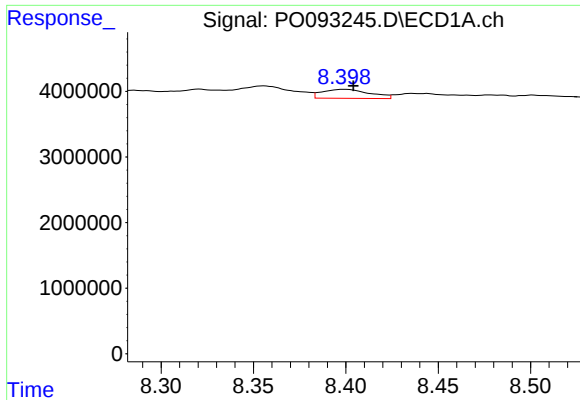
#36 AR-1262-1

R.T.: 7.800 min
Delta R.T.: 0.032 min
Response: 4510877
Conc: 45.38 ng/ml



#36 AR-1262-1

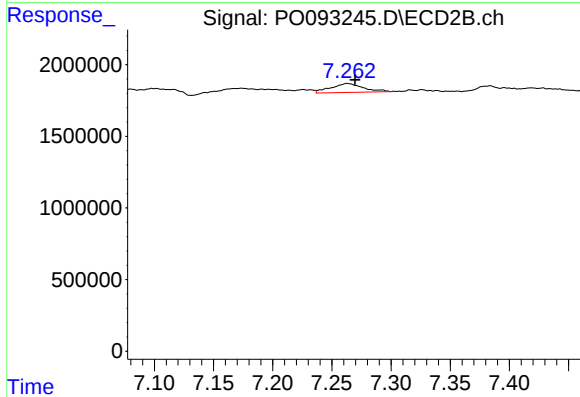
R.T.: 6.719 min
Delta R.T.: -0.008 min
Response: 6225208
Conc: 166.59 ng/ml



#37 AR-1262-2

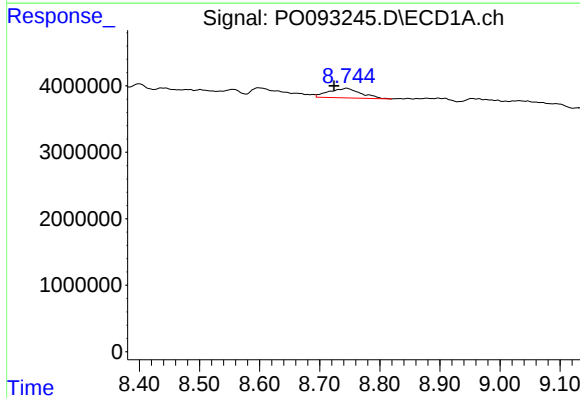
R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 2463265
Conc: 10.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



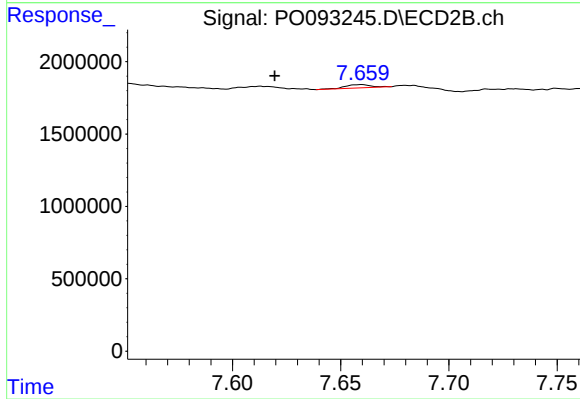
#37 AR-1262-2

R.T.: 7.263 min
Delta R.T.: -0.006 min
Response: 1176612
Conc: 9.88 ng/ml



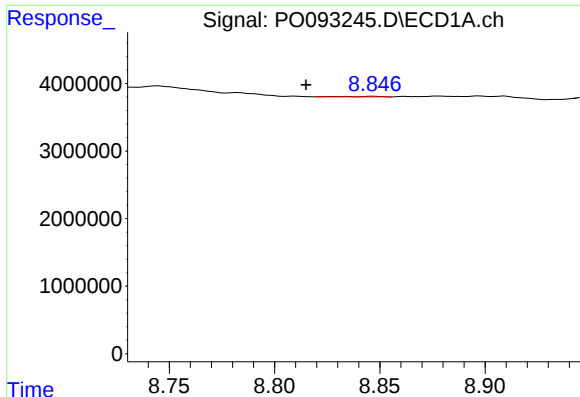
#38 AR-1262-3

R.T.: 8.745 min
Delta R.T.: 0.021 min
Response: 5281137
Conc: 31.27 ng/ml



#38 AR-1262-3

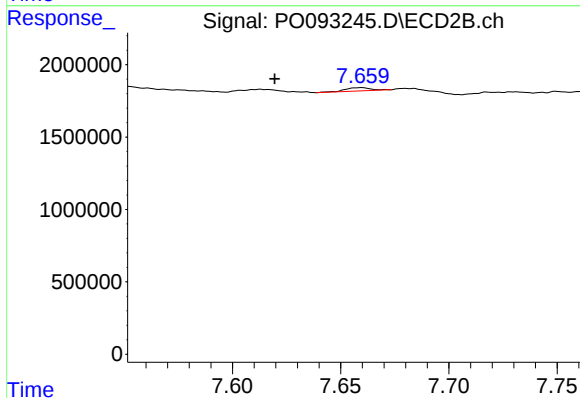
R.T.: 7.659 min
Delta R.T.: 0.040 min
Response: 187872
Conc: 2.08 ng/ml



#39 AR-1262-4

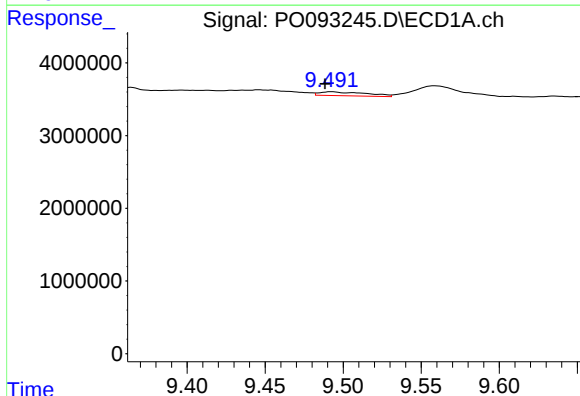
R.T.: 8.847 min
Delta R.T.: 0.032 min
Response: 91212
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



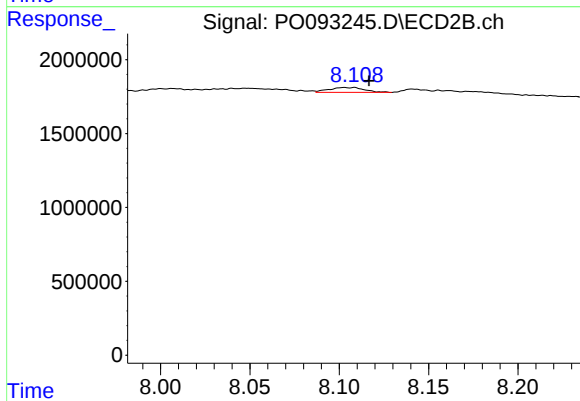
#39 AR-1262-4

R.T.: 7.659 min
Delta R.T.: 0.040 min
Response: 187872
Conc: 2.08 ng/ml



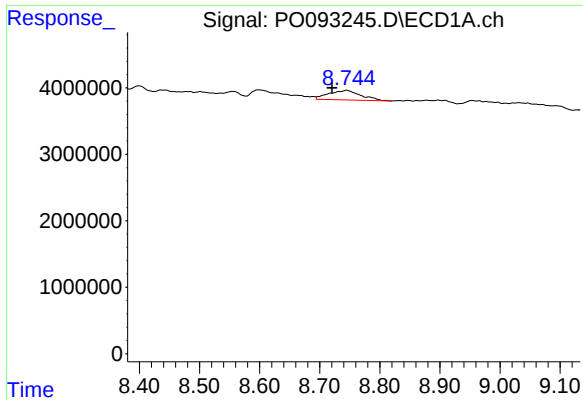
#40 AR-1262-5

R.T.: 9.493 min
Delta R.T.: 0.004 min
Response: 1126464
Conc: 11.79 ng/ml



#40 AR-1262-5

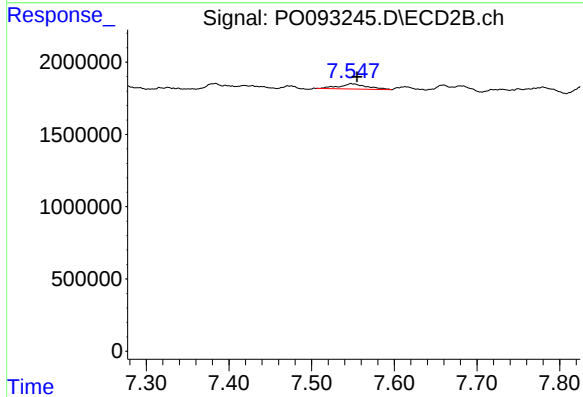
R.T.: 8.108 min
Delta R.T.: -0.009 min
Response: 453051
Conc: 11.07 ng/ml



#41 AR-1268-1

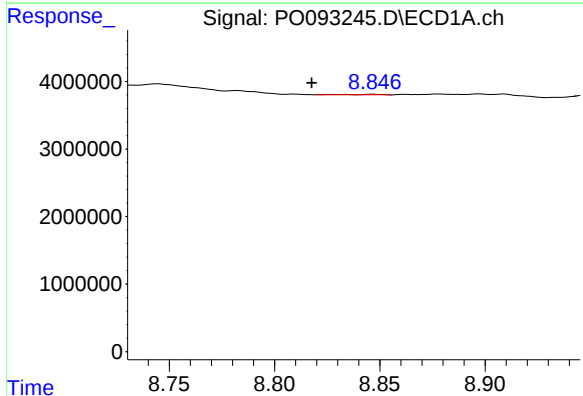
R.T.: 8.745 min
Delta R.T.: 0.024 min
Response: 5281137
Conc: 16.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



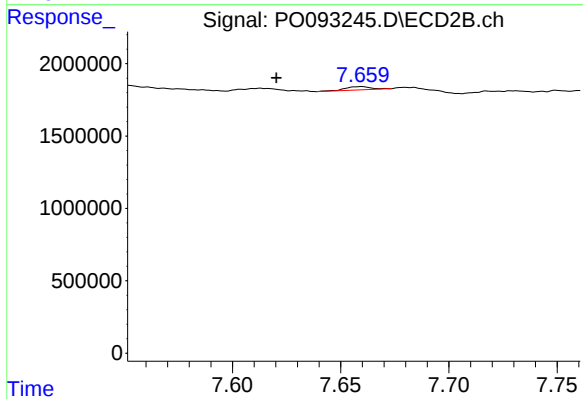
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: -0.008 min
Response: 846003
Conc: 5.41 ng/ml



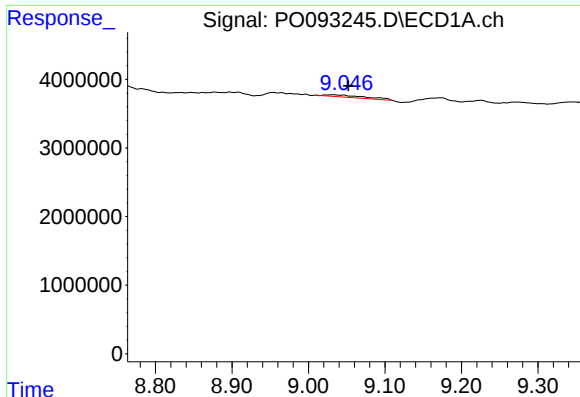
#42 AR-1268-2

R.T.: 8.847 min
Delta R.T.: 0.029 min
Response: 91212
Conc: 0.31 ng/ml



#42 AR-1268-2

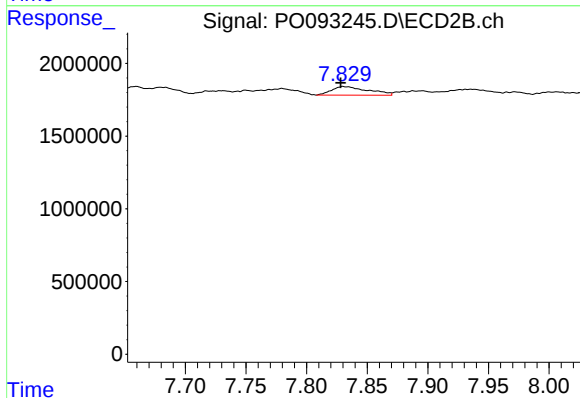
R.T.: 7.659 min
Delta R.T.: 0.039 min
Response: 187872
Conc: 1.35 ng/ml



#43 AR-1268-3

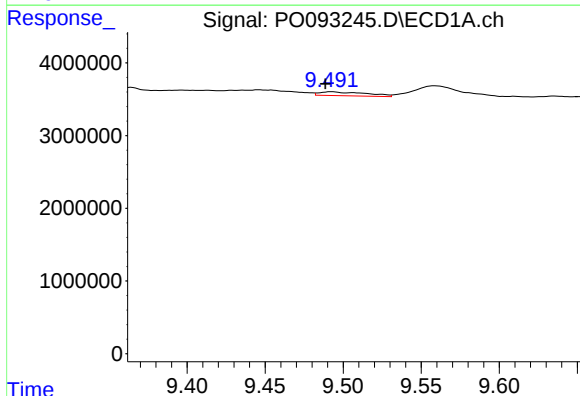
R.T.: 9.032 min
Delta R.T.: -0.020 min
Response: 1068967
Conc: 4.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



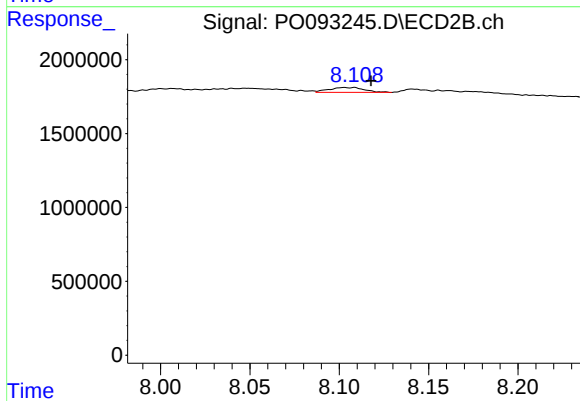
#43 AR-1268-3

R.T.: 7.830 min
Delta R.T.: 0.002 min
Response: 1242239
Conc: 9.98 ng/ml



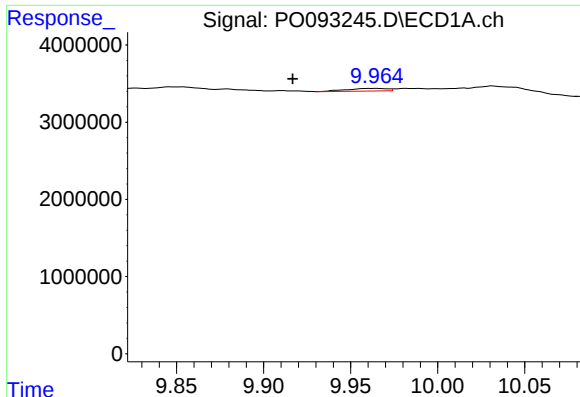
#44 AR-1268-4

R.T.: 9.493 min
Delta R.T.: 0.004 min
Response: 1126464
Conc: 10.55 ng/ml



#44 AR-1268-4

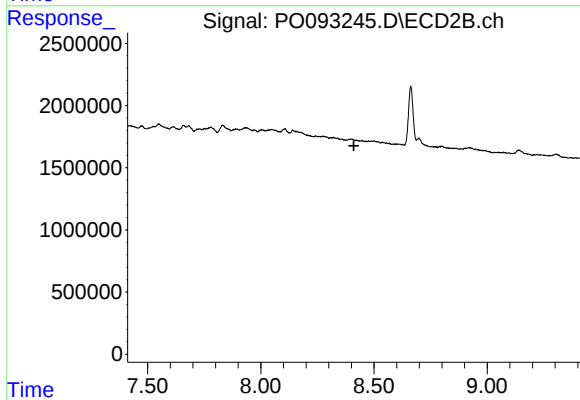
R.T.: 8.108 min
Delta R.T.: -0.010 min
Response: 453051
Conc: 9.19 ng/ml



#45 AR-1268-5

R.T.: 9.964 min
Delta R.T.: 0.047 min
Response: 575181
Conc: 0.72 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.