

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032223\
 Data File : P0093427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 15:45
 Operator : YP/AJ
 Sample : 02029-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:01:36 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...	4.425	3.631	66055455	24000996	21.094	21.280
2)	SA Decachlor...	10.254	8.658	47344321	18327866	21.875	18.718
Target Compounds							
3)	L1 AR-1016-1	5.630	4.653f	124107	484594	1.299	13.538 #
4)	L1 AR-1016-2	5.630	0.000	124107	0	0.869	N.D. #
5)	L1 AR-1016-3	5.711	0.000	653465	0	7.202	N.D. #
6)	L1 AR-1016-4	5.763	0.000	509151	0	7.515	N.D. #
7)	L1 AR-1016-5	6.044f	5.114f	5919533	1767331	79.062	55.842 #
8)	L2 AR-1221-1	4.630	0.000	554659	0	13.722	N.D. #
9)	L2 AR-1221-2	4.732	3.931	1283494	757622	42.353	69.375 #
10)	L2 AR-1221-3	4.814	4.050f	1369164	603487	14.976	17.715
11)	L3 AR-1232-1	4.814	4.050f	1369164	603487	18.753	21.367
12)	L3 AR-1232-2	5.334	0.000	939551	0	26.130	N.D. #
13)	L3 AR-1232-3	5.630	0.000	124107	0	1.896	N.D. #
14)	L3 AR-1232-4	5.763	0.000	509151	0	16.630	N.D. #
15)	L3 AR-1232-5	5.880	5.114f	-201101	1767331	N.D.	126.021 #
16)	L4 AR-1242-1	5.630	4.653f	124107	484594	1.514	15.948 #
17)	L4 AR-1242-2	5.630	0.000	124107	0	1.034	N.D. #
18)	L4 AR-1242-3	5.711	0.000	653465	0	8.514	N.D. #
19)	L4 AR-1242-4	5.763	0.000	509151	0	8.884	N.D. #
20)	L4 AR-1242-5	6.546	5.522	1671058	1184588	26.741	41.467 #
21)	L5 AR-1248-1	5.630	4.653f	124107	484594	1.996	20.823 #
23)	L5 AR-1248-3	6.044f	0.000	5919533	0	56.886	N.D. #
24)	L5 AR-1248-4	6.498	5.114f	2502363	1767331	24.574	41.080 #
25)	L5 AR-1248-5	6.546	5.522f	1671058	1184588	16.325	32.210 #
26)	L6 AR-1254-1	6.468	5.522	2216218	1184588	18.965	18.874
27)	L6 AR-1254-2	6.686	5.666	3151794	787374	18.446	13.972
28)	L6 AR-1254-3	7.059	6.070	4024670	812543	24.210	9.438 #
29)	L6 AR-1254-4	7.340	6.303	2224853	606253	20.871	13.257 #
30)	L6 AR-1254-5	7.766	6.720	1626385	948288	12.011	12.840
31)	L7 AR-1260-1	7.219	6.204	1767720	953751	13.645	15.687
32)	L7 AR-1260-2	7.496	6.391	7635310	911598	51.721	12.609 #
33)	L7 AR-1260-3	7.847	6.532	376119	4070514	3.344	60.873 #
34)	L7 AR-1260-4	8.055	7.016	1832917	344222	14.293	6.255 #
35)	L7 AR-1260-5	8.397	7.260	1490815	342529	6.672	2.909 #
36)	L8 AR-1262-1	7.766	6.720	1626385	948288	16.361	25.377 #
37)	L8 AR-1262-2	8.397	7.260	1490815	342529	6.282	2.876 #
38)	L8 AR-1262-3	8.727	7.610	792437	400290	4.692	4.429
39)	L8 AR-1262-4	8.813	7.610	1310779	400290	14.635	4.429 #
40)	L8 AR-1262-5	9.475	0.000	1228514	0	12.863	N.D. #
41)	L9 AR-1268-1	8.727	7.610f	792437	400290	2.482	2.558
42)	L9 AR-1268-2	8.813	7.610	1310779	400290	4.515	2.867 #

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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	
43)	L9 AR-1268-3	9.047	0.000	414019	0	1.622	N.D.	#
44)	L9 AR-1268-4	9.475	0.000	1228514	0	11.504	N.D.	#
45)	L9 AR-1268-5	9.904	0.000	414911	0	0.517	N.D.	#

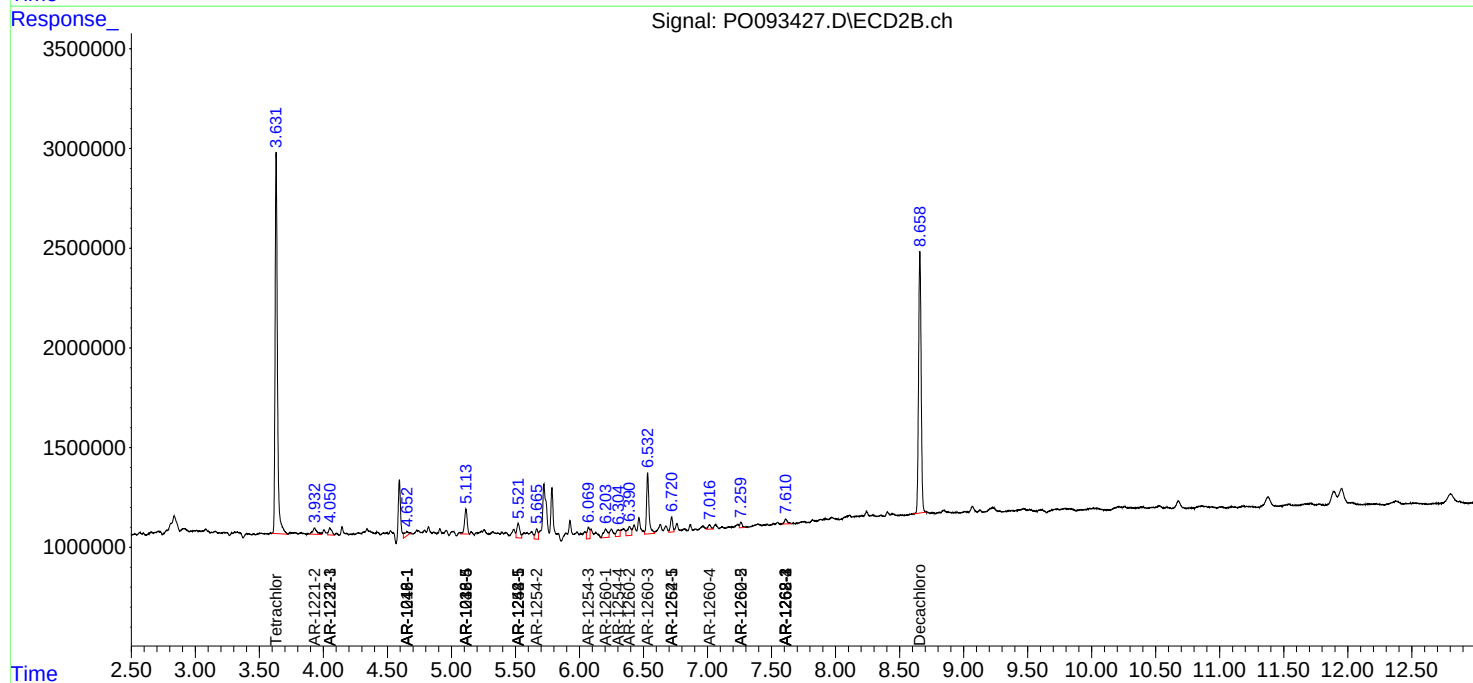
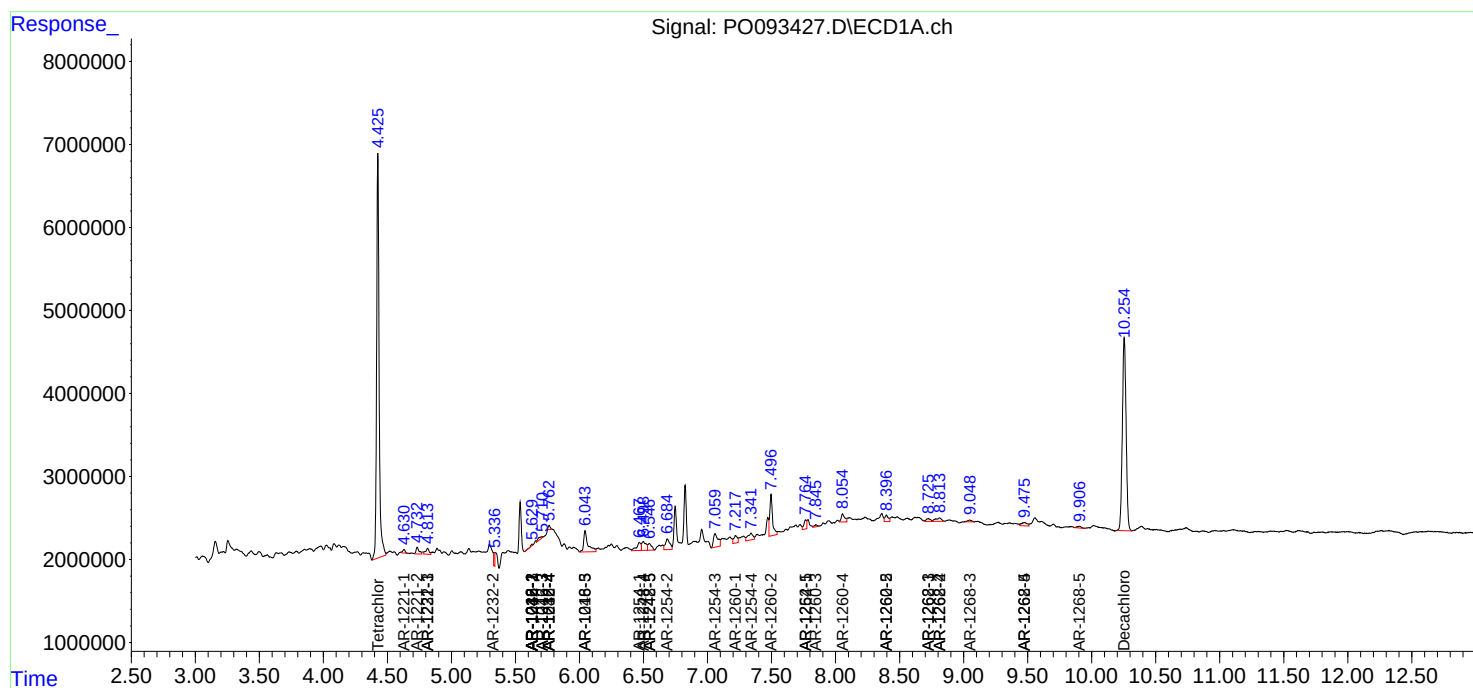
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

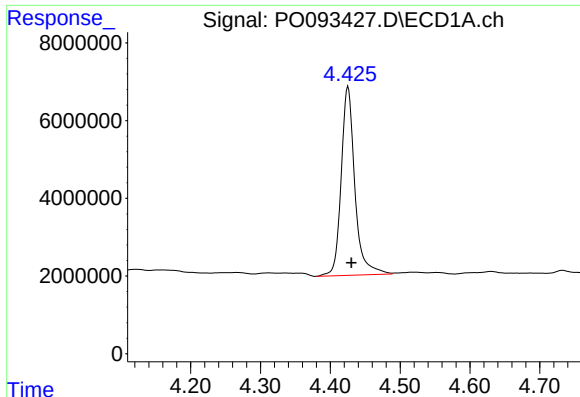
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

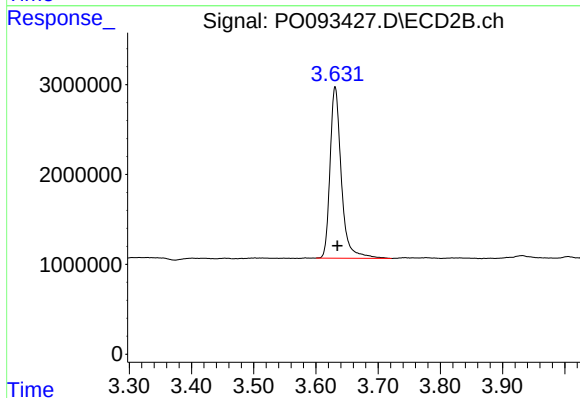




#1 Tetrachloro-m-xylene

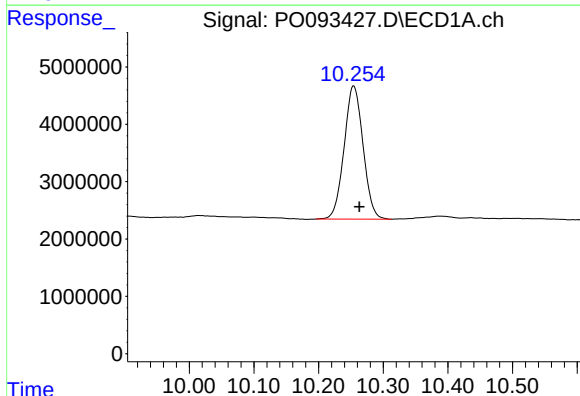
R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 66055455
Conc: 21.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



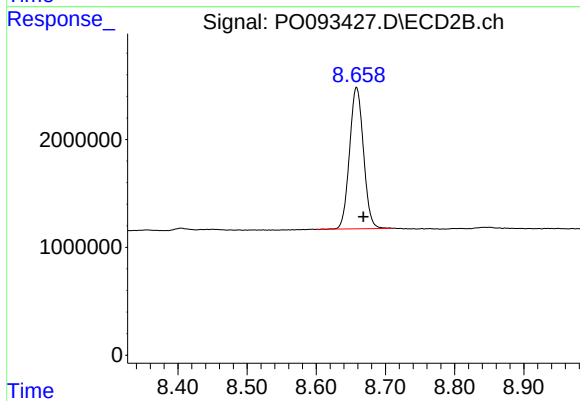
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 24000996
Conc: 21.28 ng/ml



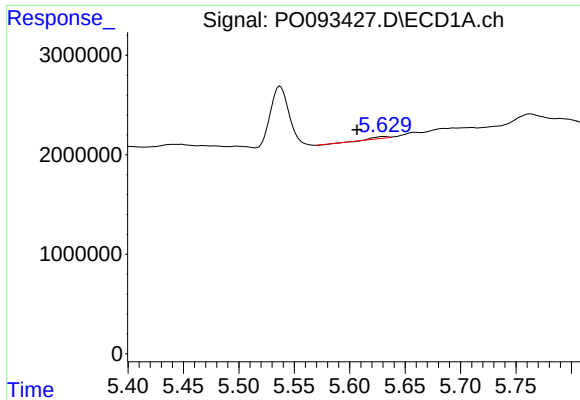
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.009 min
Response: 47344321
Conc: 21.88 ng/ml



#2 Decachlorobiphenyl

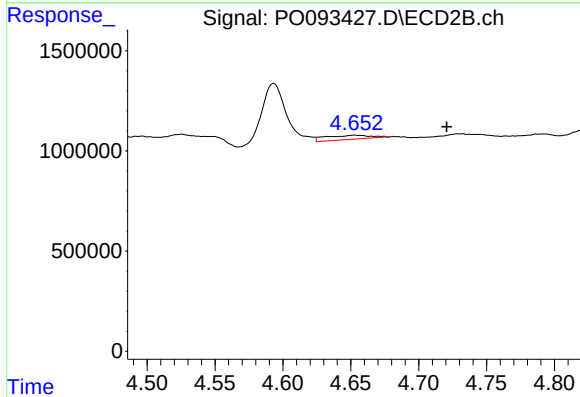
R.T.: 8.658 min
Delta R.T.: -0.010 min
Response: 18327866
Conc: 18.72 ng/ml



#3 AR-1016-1

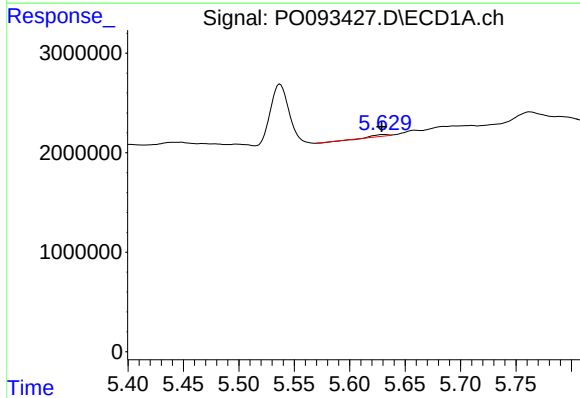
R.T.: 5.630 min
Delta R.T.: 0.024 min
Response: 124107
Conc: 1.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



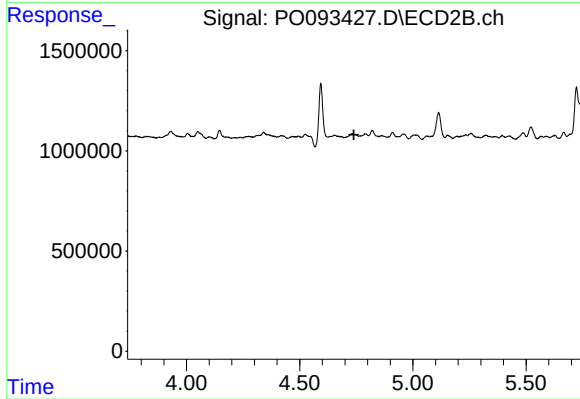
#3 AR-1016-1

R.T.: 4.653 min
Delta R.T.: -0.068 min
Response: 484594
Conc: 13.54 ng/ml



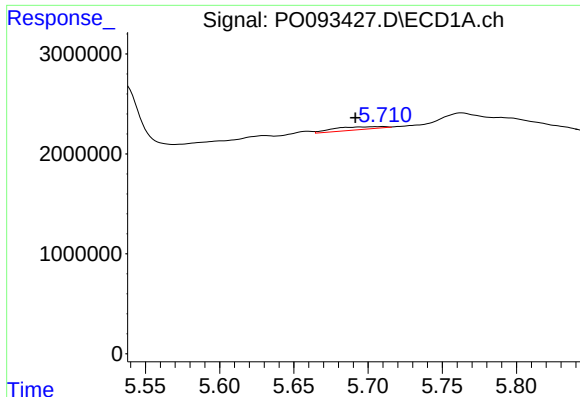
#4 AR-1016-2

R.T.: 5.630 min
Delta R.T.: 0.001 min
Response: 124107
Conc: 0.87 ng/ml



#4 AR-1016-2

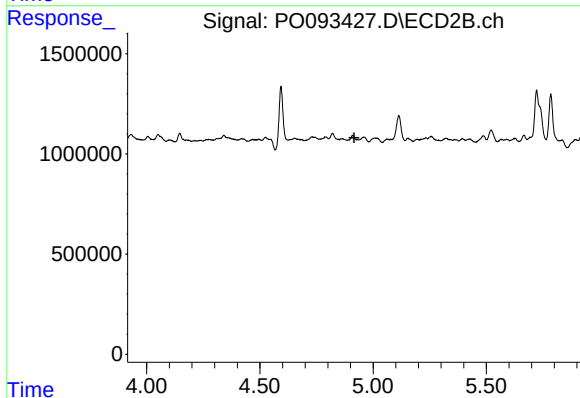
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

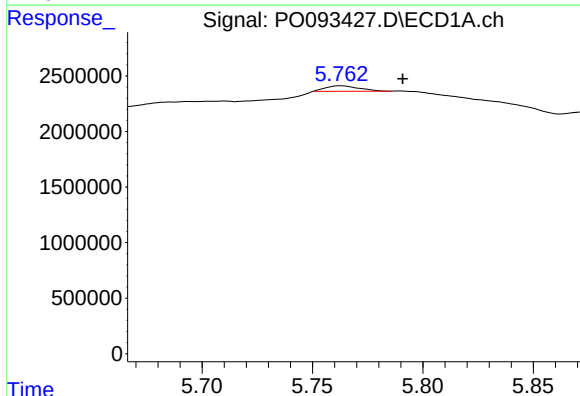
R.T.: 5.711 min
Delta R.T.: 0.019 min
Response: 653465
Conc: 7.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



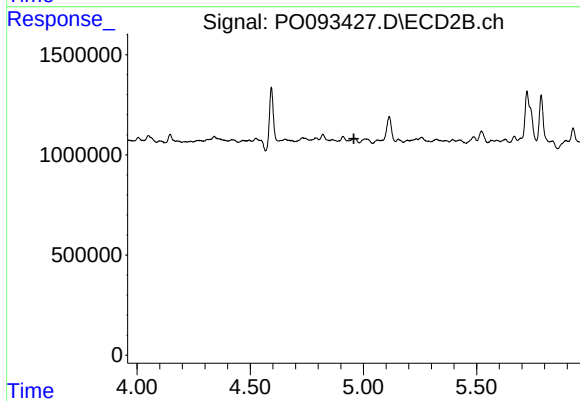
#5 AR-1016-3

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



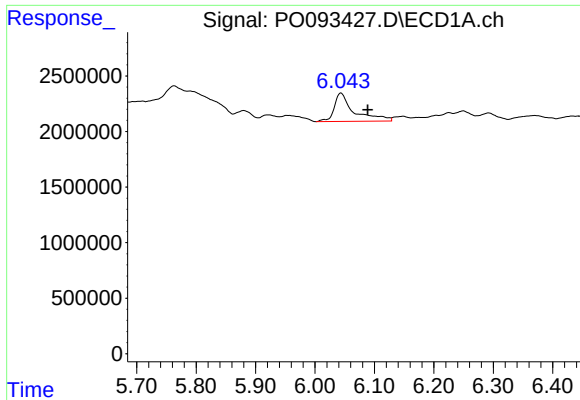
#6 AR-1016-4

R.T.: 5.763 min
Delta R.T.: -0.028 min
Response: 509151
Conc: 7.52 ng/ml



#6 AR-1016-4

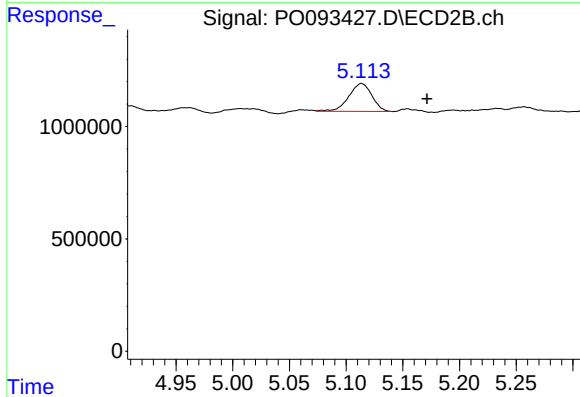
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#7 AR-1016-5

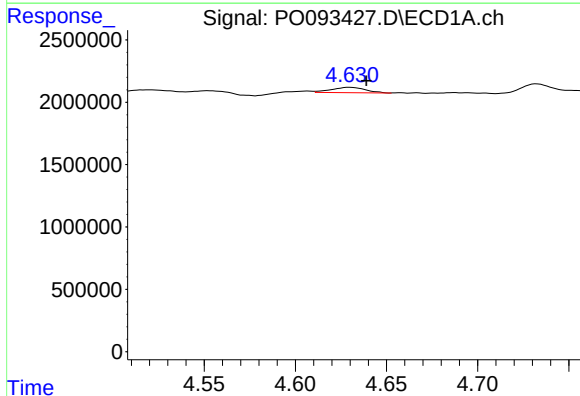
R.T.: 6.044 min
Delta R.T.: -0.045 min
Response: 5919533
Conc: 79.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



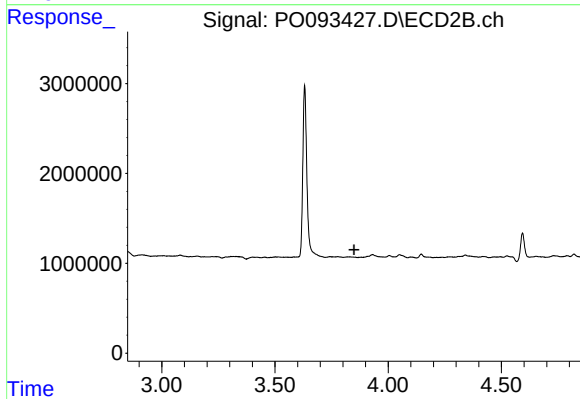
#7 AR-1016-5

R.T.: 5.114 min
Delta R.T.: -0.058 min
Response: 1767331
Conc: 55.84 ng/ml



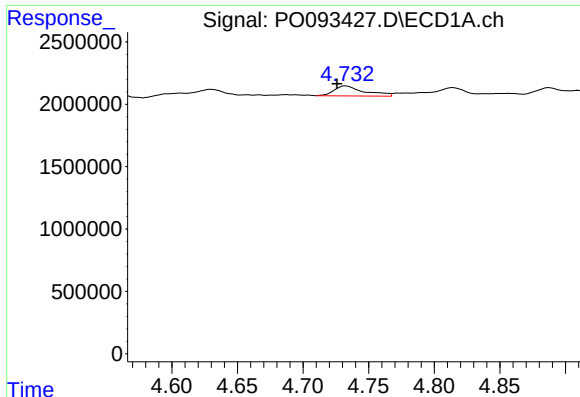
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: -0.009 min
Response: 554659
Conc: 13.72 ng/ml



#8 AR-1221-1

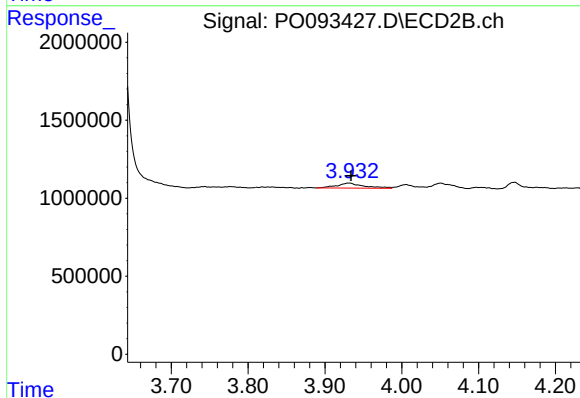
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

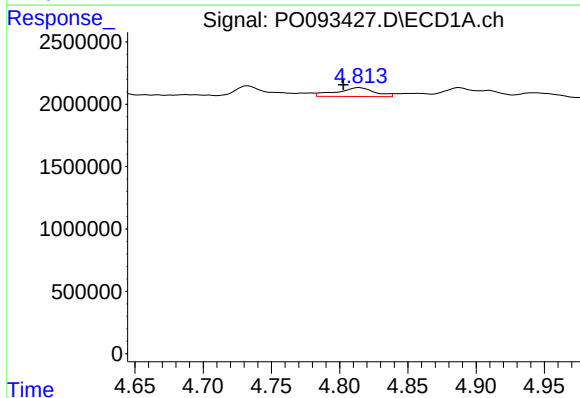
R.T.: 4.732 min
Delta R.T.: 0.007 min
Response: 1283494
Conc: 42.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



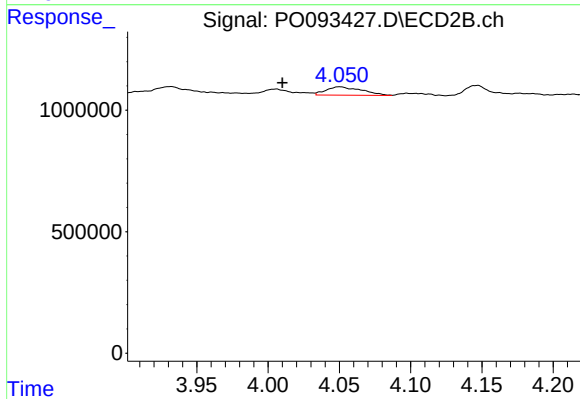
#9 AR-1221-2

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 757622
Conc: 69.37 ng/ml



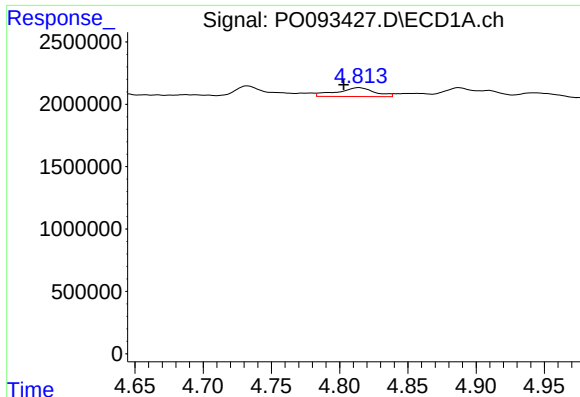
#10 AR-1221-3

R.T.: 4.814 min
Delta R.T.: 0.011 min
Response: 1369164
Conc: 14.98 ng/ml



#10 AR-1221-3

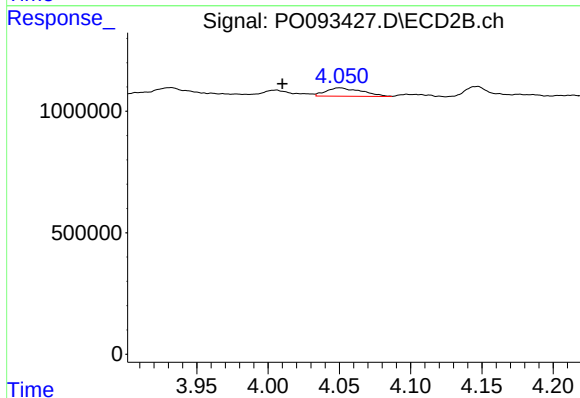
R.T.: 4.050 min
Delta R.T.: 0.040 min
Response: 603487
Conc: 17.71 ng/ml



#11 AR-1232-1

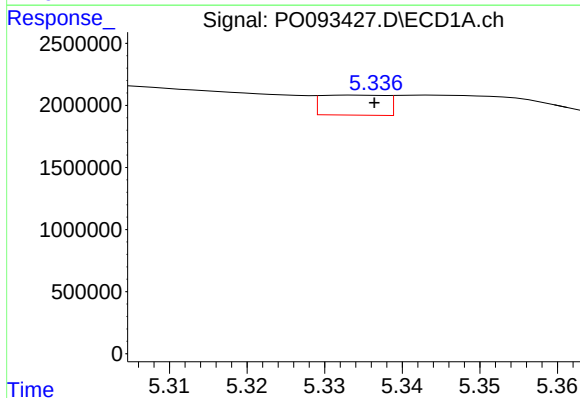
R.T.: 4.814 min
Delta R.T.: 0.011 min
Response: 1369164
Conc: 18.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



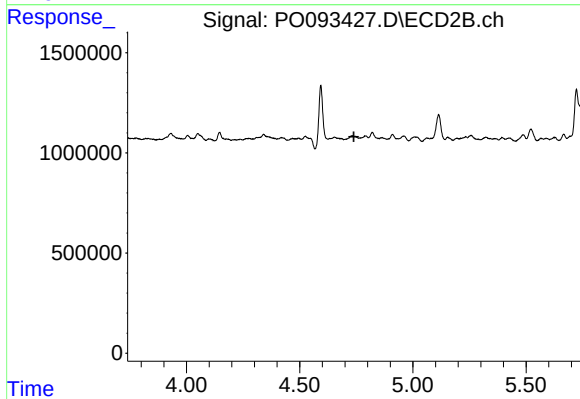
#11 AR-1232-1

R.T.: 4.050 min
Delta R.T.: 0.040 min
Response: 603487
Conc: 21.37 ng/ml



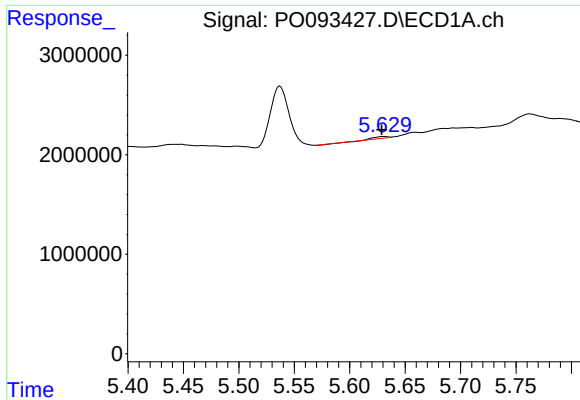
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: -0.002 min
Response: 939551
Conc: 26.13 ng/ml



#12 AR-1232-2

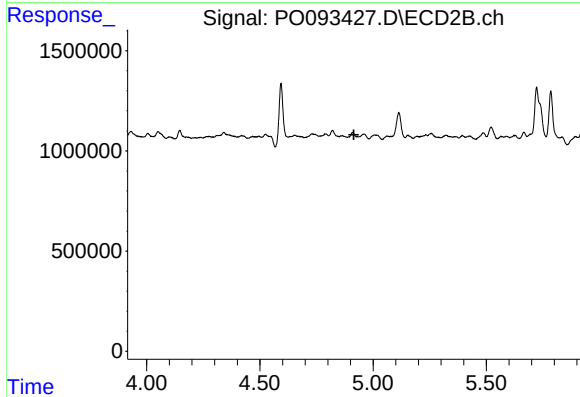
R.T.: 0.000 min
Exp R.T.: 4.739 min
Response: 0
Conc: N.D.



#13 AR-1232-3

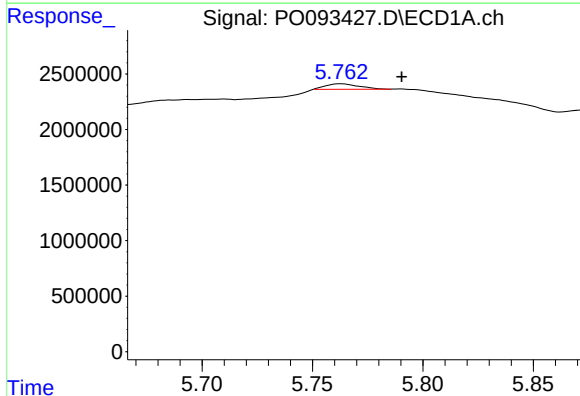
R.T.: 5.630 min
Delta R.T.: 0.001 min
Response: 124107
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



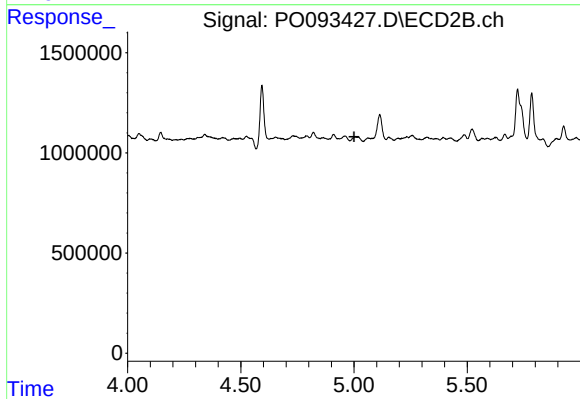
#13 AR-1232-3

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



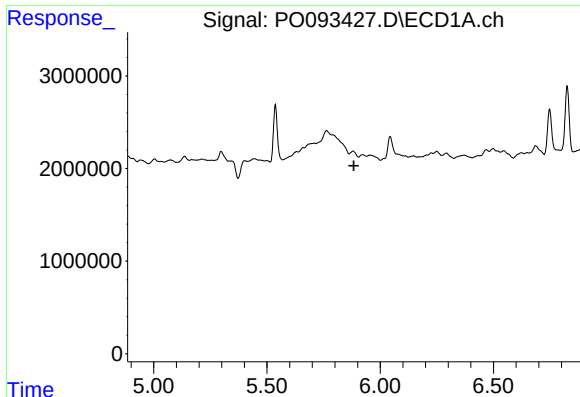
#14 AR-1232-4

R.T.: 5.763 min
Delta R.T.: -0.028 min
Response: 509151
Conc: 16.63 ng/ml



#14 AR-1232-4

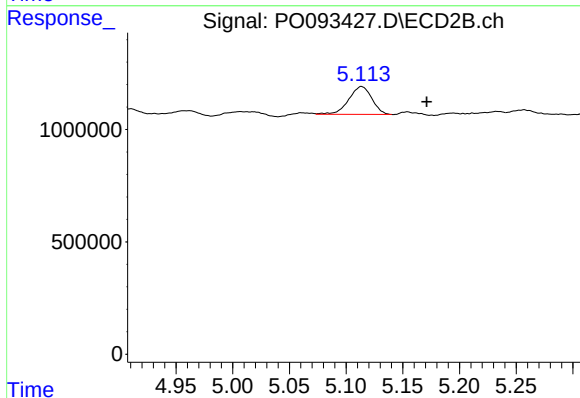
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#15 AR-1232-5

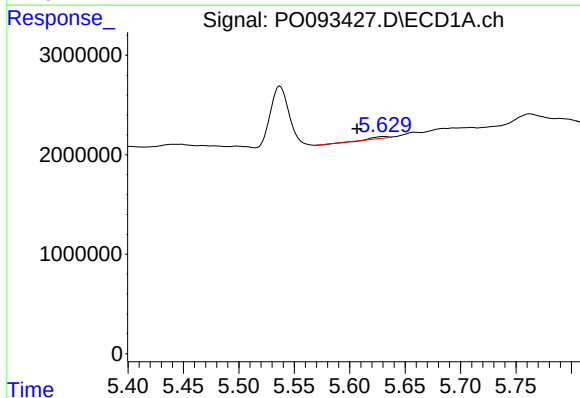
R.T.: 5.880 min
Delta R.T.: -0.003 min
Response: -201101
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



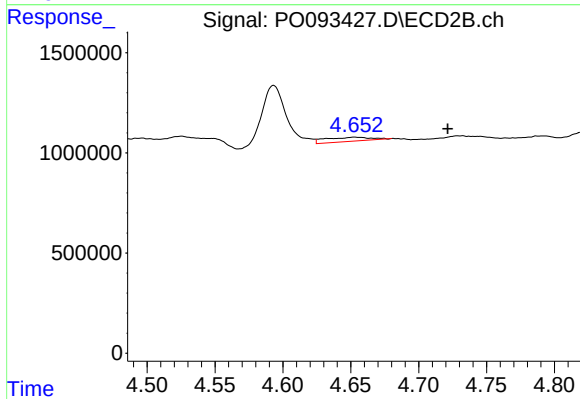
#15 AR-1232-5

R.T.: 5.114 min
Delta R.T.: -0.057 min
Response: 1767331
Conc: 126.02 ng/ml



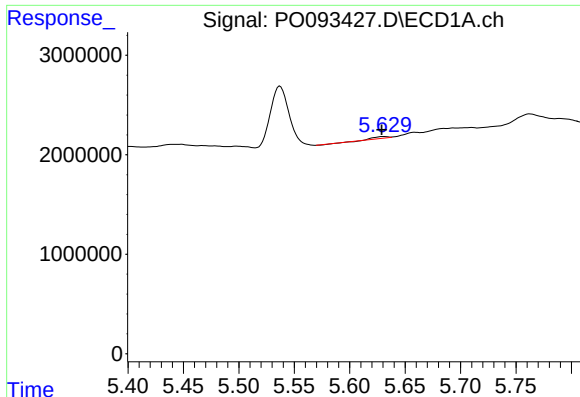
#16 AR-1242-1

R.T.: 5.630 min
Delta R.T.: 0.024 min
Response: 124107
Conc: 1.51 ng/ml



#16 AR-1242-1

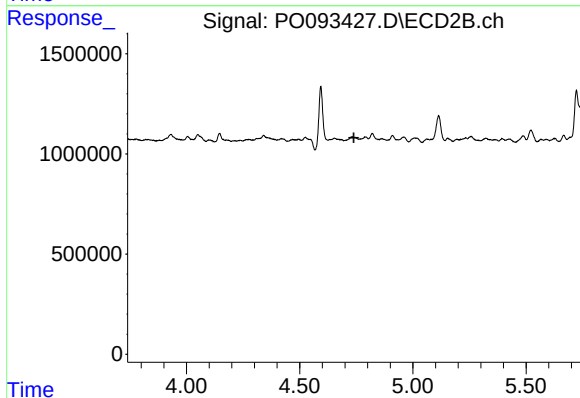
R.T.: 4.653 min
Delta R.T.: -0.068 min
Response: 484594
Conc: 15.95 ng/ml



#17 AR-1242-2

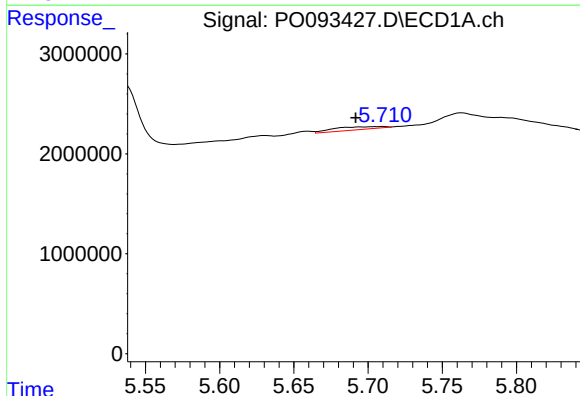
R.T.: 5.630 min
Delta R.T.: 0.001 min
Response: 124107
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



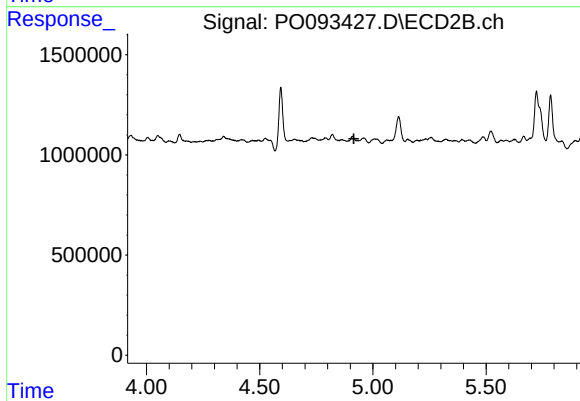
#17 AR-1242-2

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



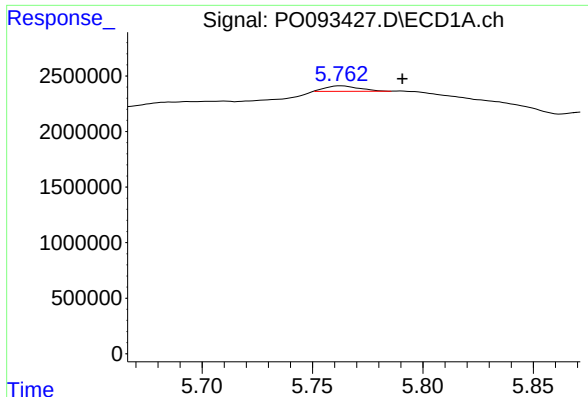
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: 0.019 min
Response: 653465
Conc: 8.51 ng/ml



#18 AR-1242-3

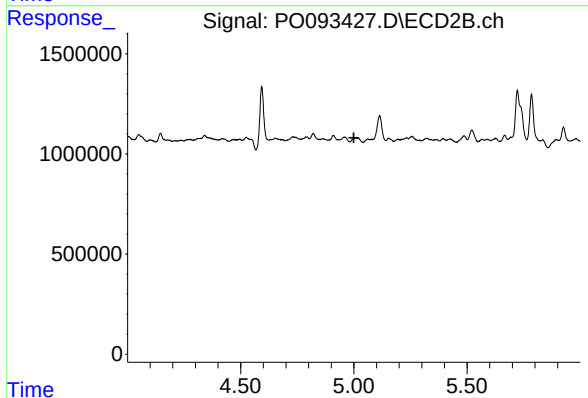
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#19 AR-1242-4

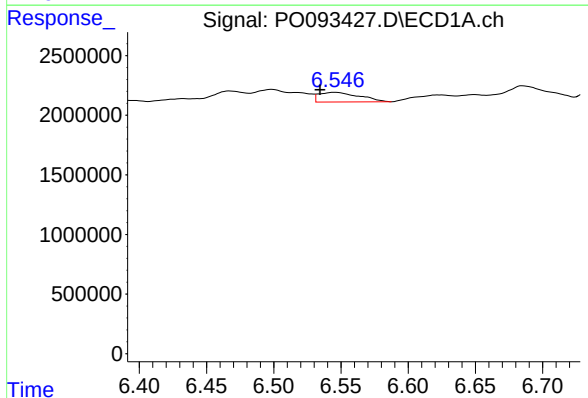
R.T.: 5.763 min
Delta R.T.: -0.028 min
Response: 509151
Conc: 8.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



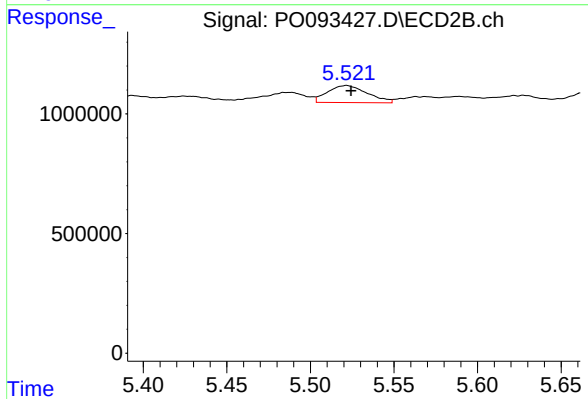
#19 AR-1242-4

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



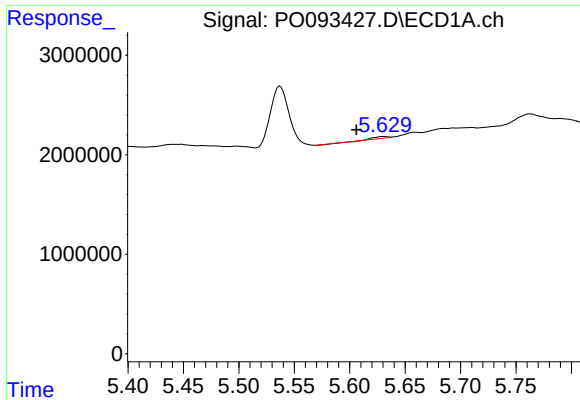
#20 AR-1242-5

R.T.: 6.546 min
Delta R.T.: 0.011 min
Response: 1671058
Conc: 26.74 ng/ml



#20 AR-1242-5

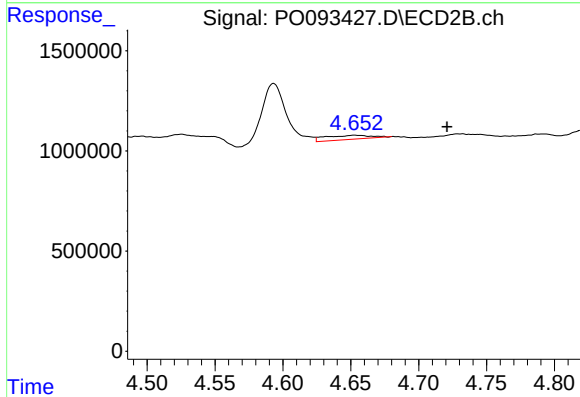
R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 1184588
Conc: 41.47 ng/ml



#21 AR-1248-1

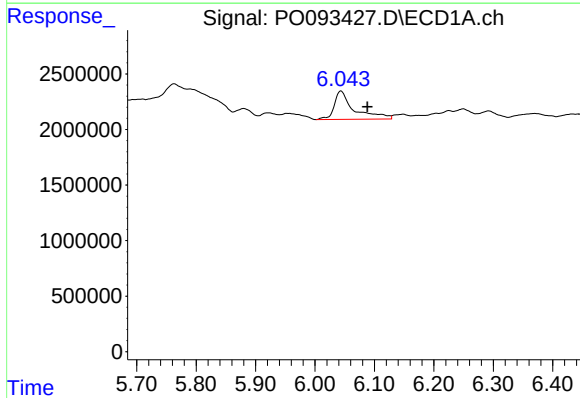
R.T.: 5.630 min
Delta R.T.: 0.024 min
Response: 124107
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



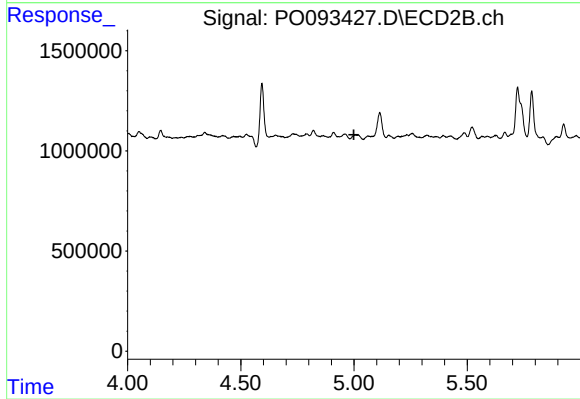
#21 AR-1248-1

R.T.: 4.653 min
Delta R.T.: -0.068 min
Response: 484594
Conc: 20.82 ng/ml



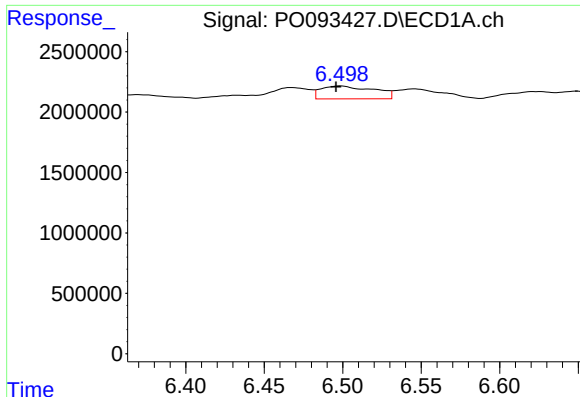
#23 AR-1248-3

R.T.: 6.044 min
Delta R.T.: -0.045 min
Response: 5919533
Conc: 56.89 ng/ml



#23 AR-1248-3

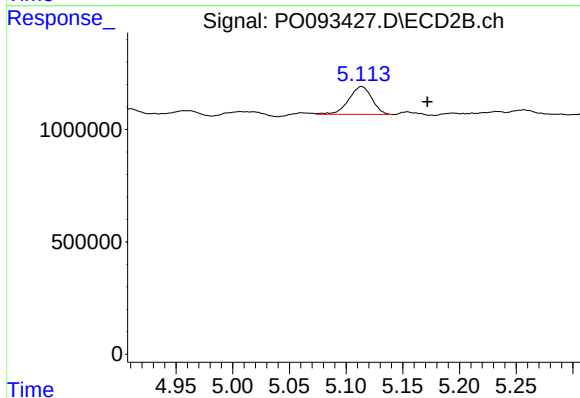
R.T.: 0.000 min
Exp R.T.: 5.000 min
Response: 0
Conc: N.D.



#24 AR-1248-4

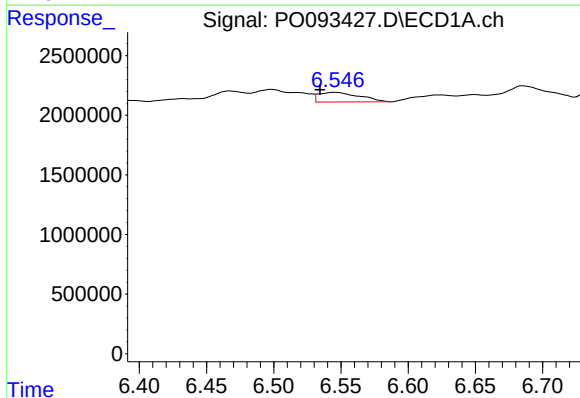
R.T.: 6.498 min
Delta R.T.: 0.003 min
Response: 2502363
Conc: 24.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



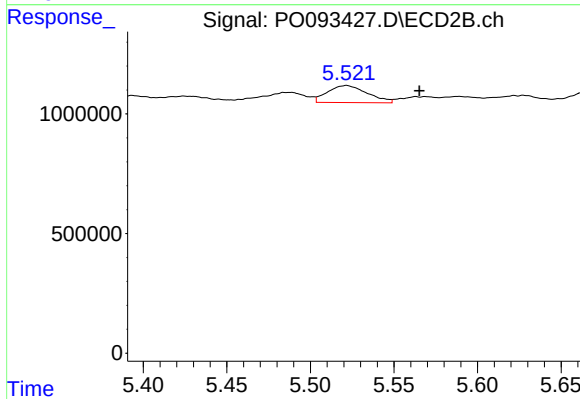
#24 AR-1248-4

R.T.: 5.114 min
Delta R.T.: -0.058 min
Response: 1767331
Conc: 41.08 ng/ml



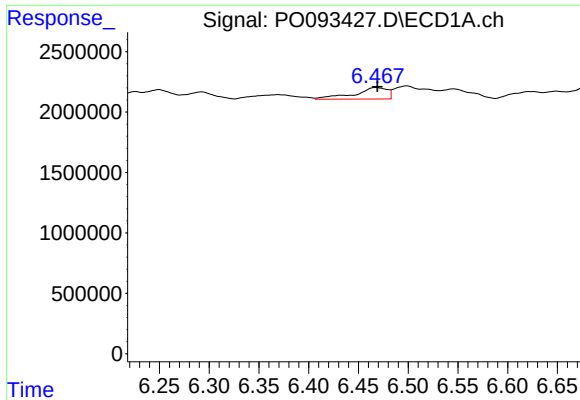
#25 AR-1248-5

R.T.: 6.546 min
Delta R.T.: 0.011 min
Response: 1671058
Conc: 16.33 ng/ml



#25 AR-1248-5

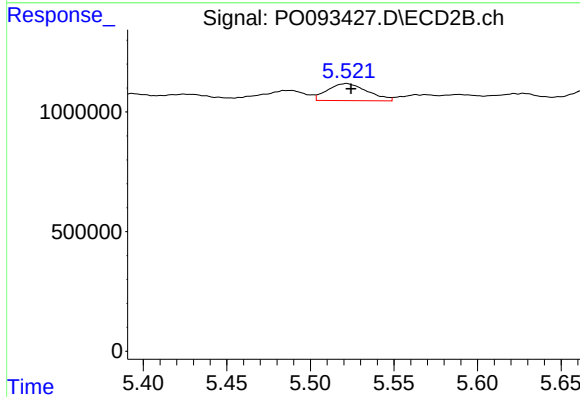
R.T.: 5.522 min
Delta R.T.: -0.044 min
Response: 1184588
Conc: 32.21 ng/ml



#26 AR-1254-1

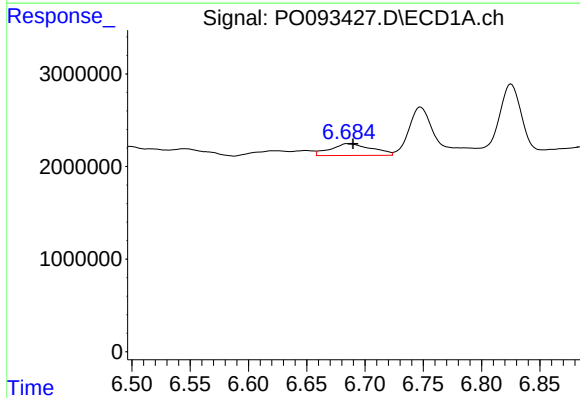
R.T.: 6.468 min
Delta R.T.: -0.001 min
Response: 2216218
Conc: 18.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



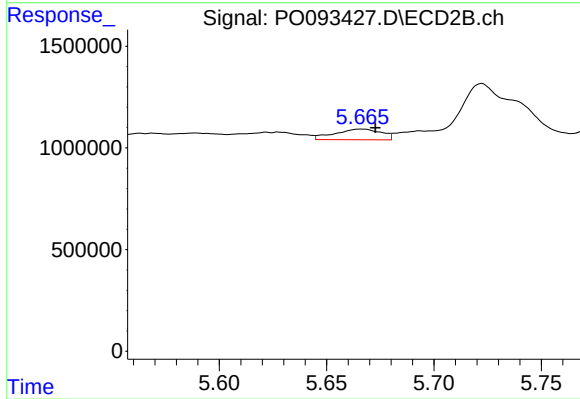
#26 AR-1254-1

R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 1184588
Conc: 18.87 ng/ml



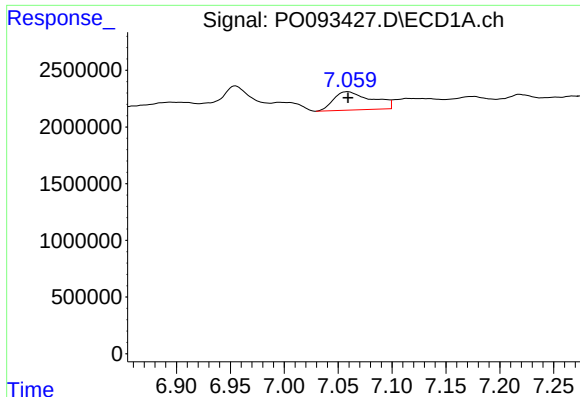
#27 AR-1254-2

R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 3151794
Conc: 18.45 ng/ml



#27 AR-1254-2

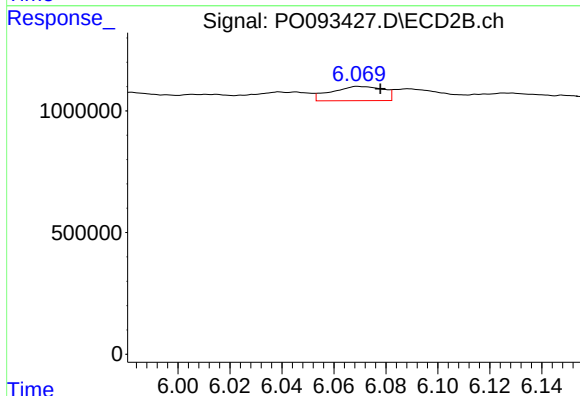
R.T.: 5.666 min
Delta R.T.: -0.007 min
Response: 787374
Conc: 13.97 ng/ml



#28 AR-1254-3

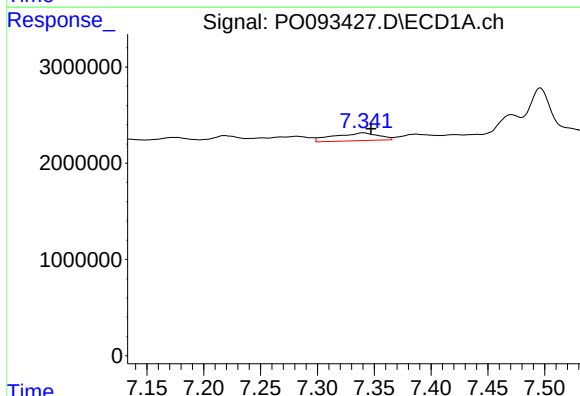
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 4024670
Conc: 24.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



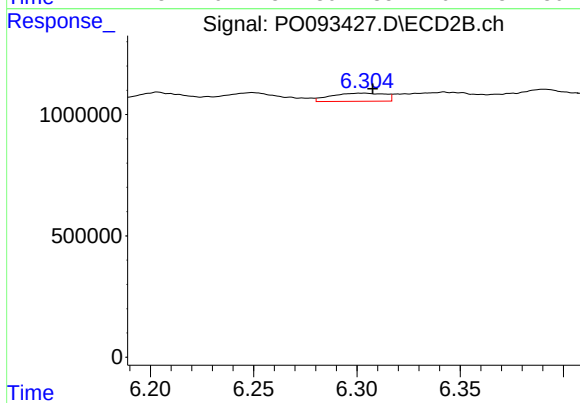
#28 AR-1254-3

R.T.: 6.070 min
Delta R.T.: -0.008 min
Response: 812543
Conc: 9.44 ng/ml



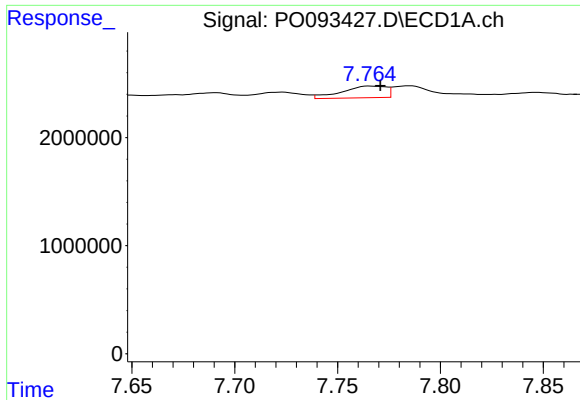
#29 AR-1254-4

R.T.: 7.340 min
Delta R.T.: -0.007 min
Response: 2224853
Conc: 20.87 ng/ml



#29 AR-1254-4

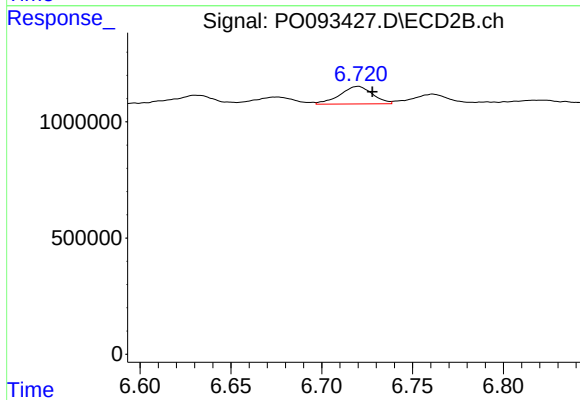
R.T.: 6.303 min
Delta R.T.: -0.005 min
Response: 606253
Conc: 13.26 ng/ml



#30 AR-1254-5

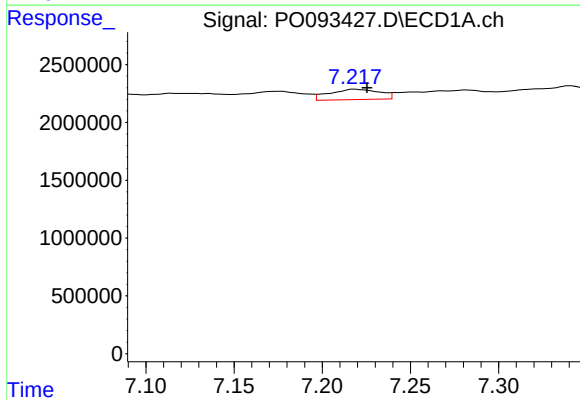
R.T.: 7.766 min
Delta R.T.: -0.004 min
Response: 1626385
Conc: 12.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



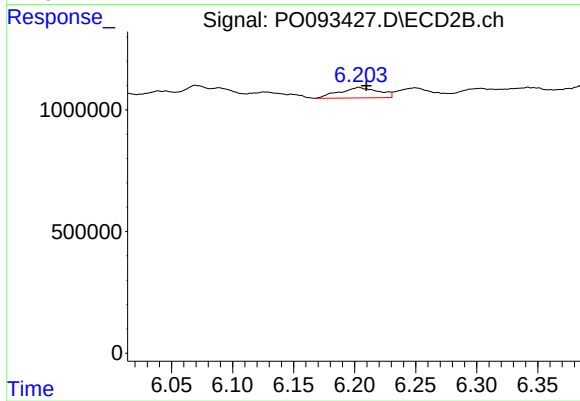
#30 AR-1254-5

R.T.: 6.720 min
Delta R.T.: -0.008 min
Response: 948288
Conc: 12.84 ng/ml



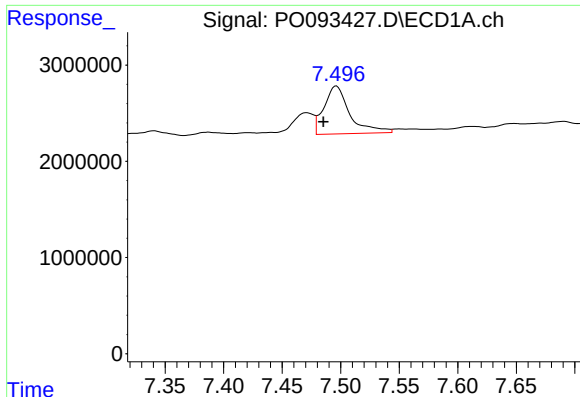
#31 AR-1260-1

R.T.: 7.219 min
Delta R.T.: -0.006 min
Response: 1767720
Conc: 13.64 ng/ml



#31 AR-1260-1

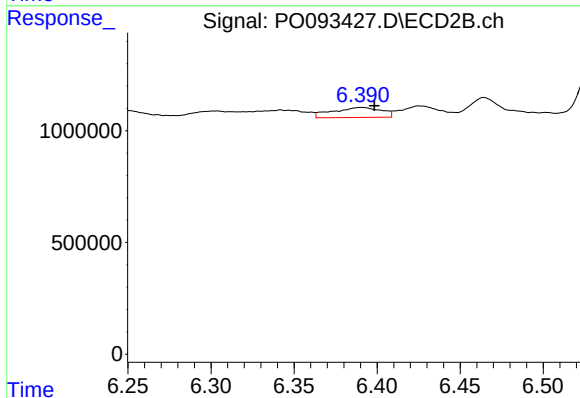
R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 953751
Conc: 15.69 ng/ml



#32 AR-1260-2

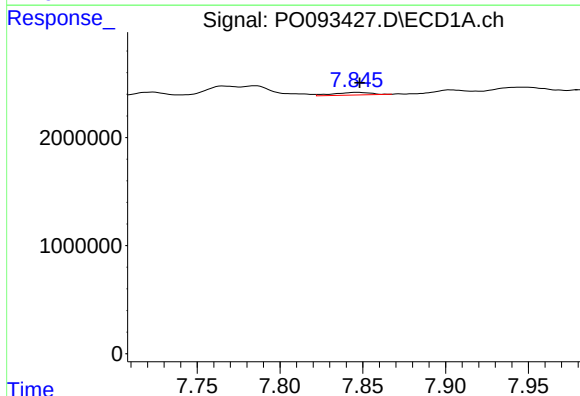
R.T.: 7.496 min
Delta R.T.: 0.011 min
Response: 7635310
Conc: 51.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



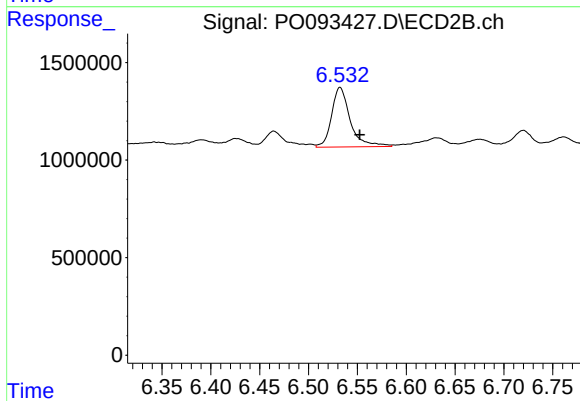
#32 AR-1260-2

R.T.: 6.391 min
Delta R.T.: -0.008 min
Response: 911598
Conc: 12.61 ng/ml



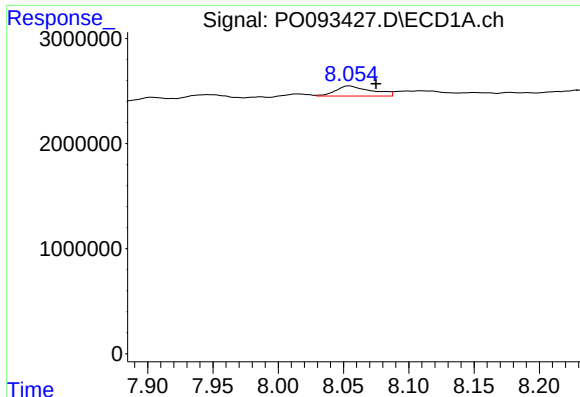
#33 AR-1260-3

R.T.: 7.847 min
Delta R.T.: -0.002 min
Response: 376119
Conc: 3.34 ng/ml



#33 AR-1260-3

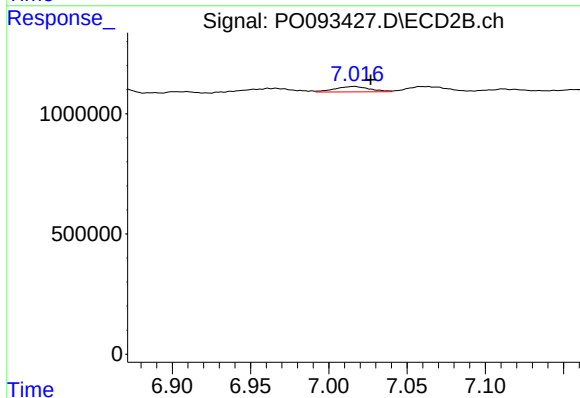
R.T.: 6.532 min
Delta R.T.: -0.020 min
Response: 4070514
Conc: 60.87 ng/ml



#34 AR-1260-4

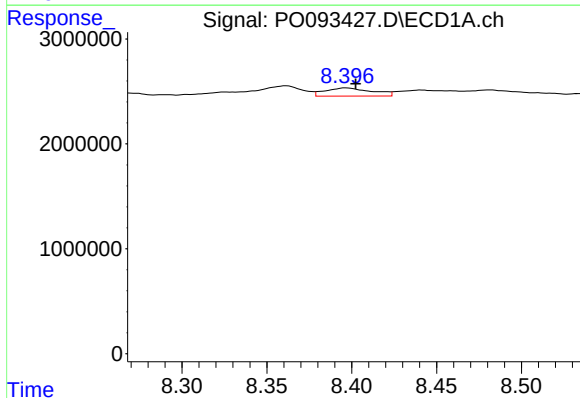
R.T.: 8.055 min
Delta R.T.: -0.020 min
Response: 1832917
Conc: 14.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



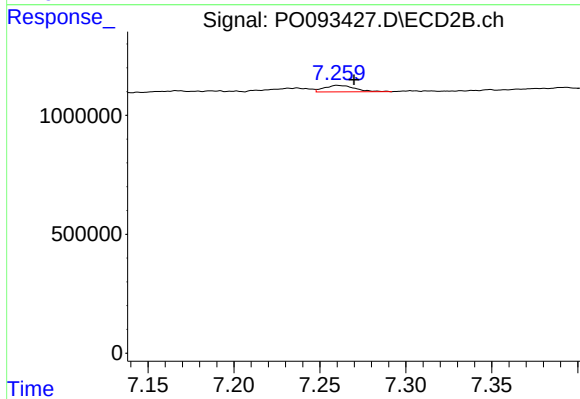
#34 AR-1260-4

R.T.: 7.016 min
Delta R.T.: -0.011 min
Response: 344222
Conc: 6.25 ng/ml



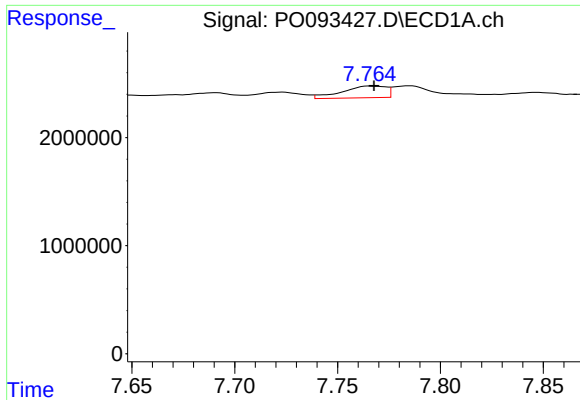
#35 AR-1260-5

R.T.: 8.397 min
Delta R.T.: -0.006 min
Response: 1490815
Conc: 6.67 ng/ml



#35 AR-1260-5

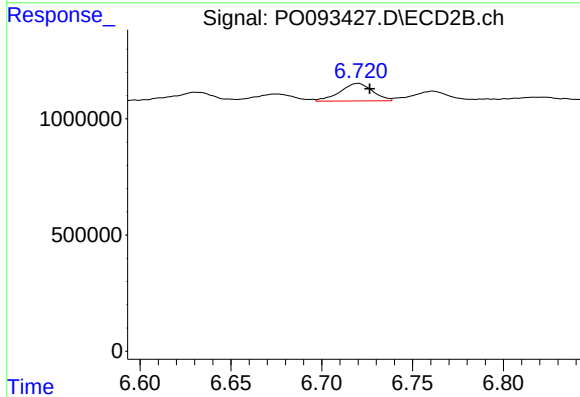
R.T.: 7.260 min
Delta R.T.: -0.010 min
Response: 342529
Conc: 2.91 ng/ml



#36 AR-1262-1

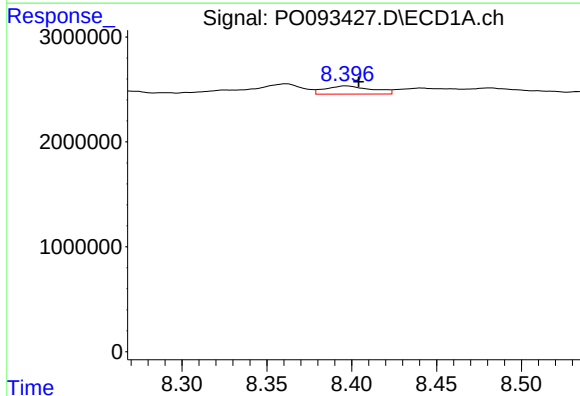
R.T.: 7.766 min
Delta R.T.: -0.001 min
Response: 1626385
Conc: 16.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



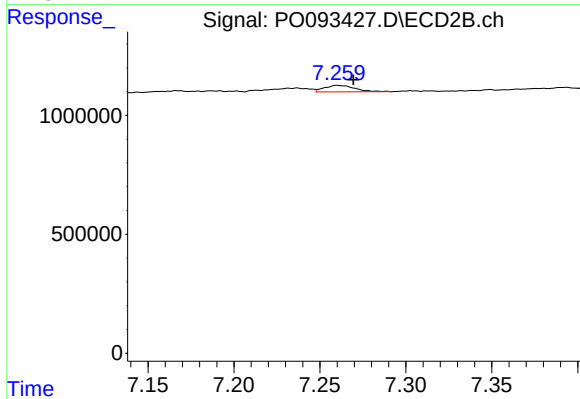
#36 AR-1262-1

R.T.: 6.720 min
Delta R.T.: -0.006 min
Response: 948288
Conc: 25.38 ng/ml



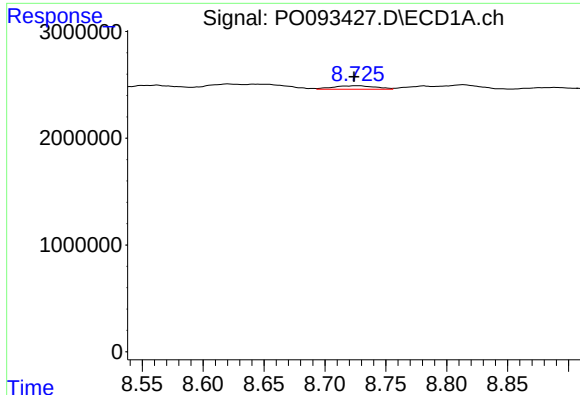
#37 AR-1262-2

R.T.: 8.397 min
Delta R.T.: -0.007 min
Response: 1490815
Conc: 6.28 ng/ml



#37 AR-1262-2

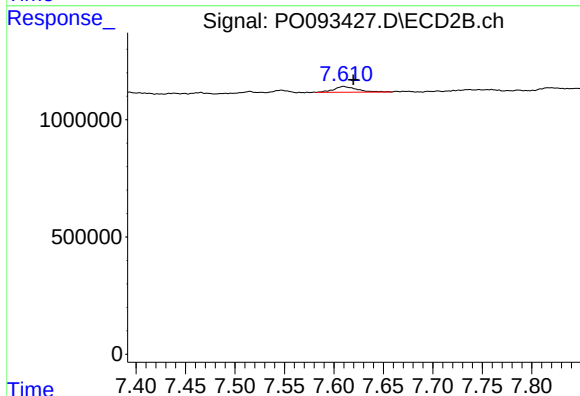
R.T.: 7.260 min
Delta R.T.: -0.009 min
Response: 342529
Conc: 2.88 ng/ml



#38 AR-1262-3

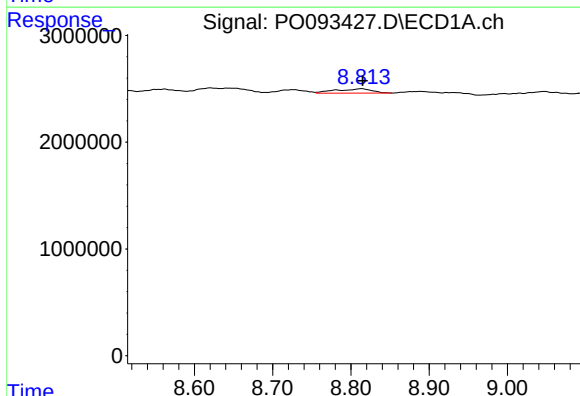
R.T.: 8.727 min
Delta R.T.: 0.003 min
Response: 792437
Conc: 4.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



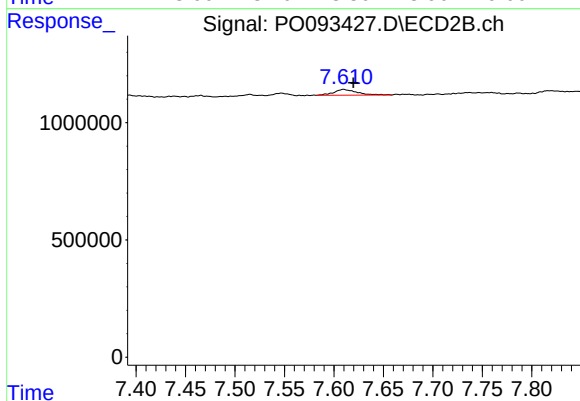
#38 AR-1262-3

R.T.: 7.610 min
Delta R.T.: -0.010 min
Response: 400290
Conc: 4.43 ng/ml



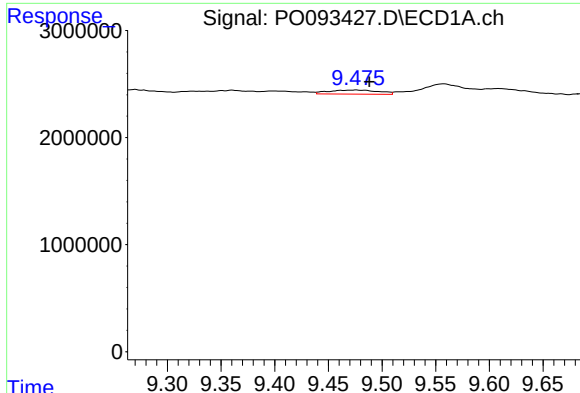
#39 AR-1262-4

R.T.: 8.813 min
Delta R.T.: -0.002 min
Response: 1310779
Conc: 14.64 ng/ml



#39 AR-1262-4

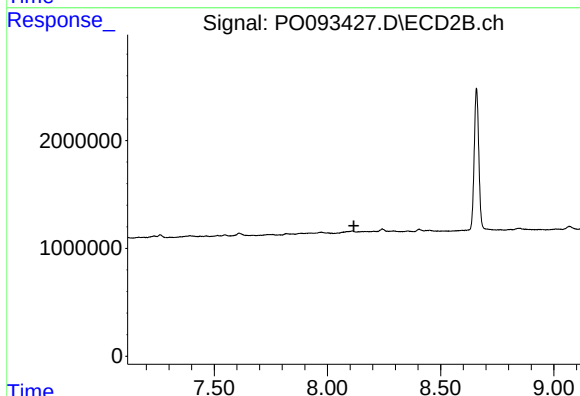
R.T.: 7.610 min
Delta R.T.: -0.010 min
Response: 400290
Conc: 4.43 ng/ml



#40 AR-1262-5

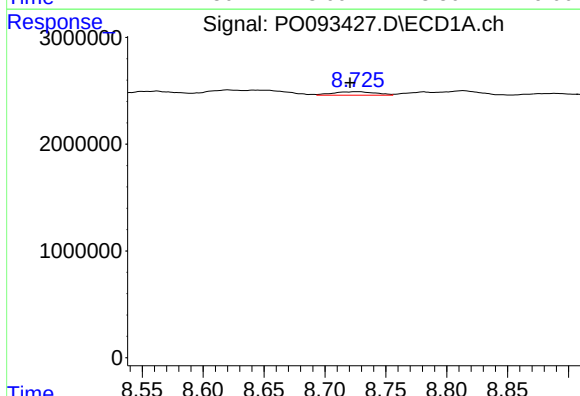
R.T.: 9.475 min
Delta R.T.: -0.013 min
Response: 1228514
Conc: 12.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



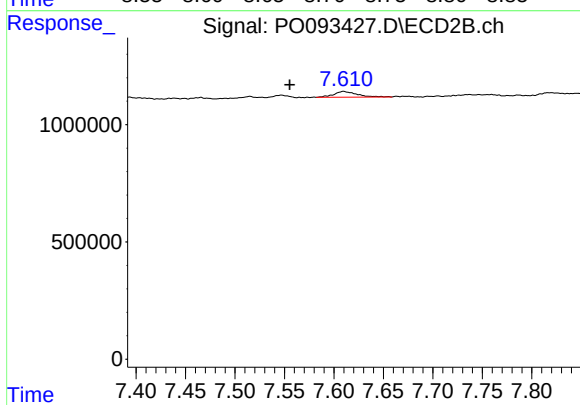
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



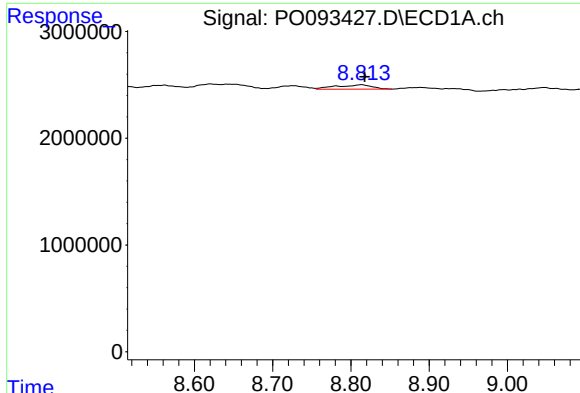
#41 AR-1268-1

R.T.: 8.727 min
Delta R.T.: 0.006 min
Response: 792437
Conc: 2.48 ng/ml



#41 AR-1268-1

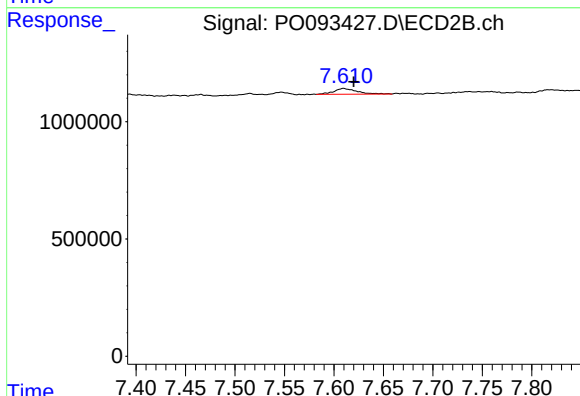
R.T.: 7.610 min
Delta R.T.: 0.055 min
Response: 400290
Conc: 2.56 ng/ml



#42 AR-1268-2

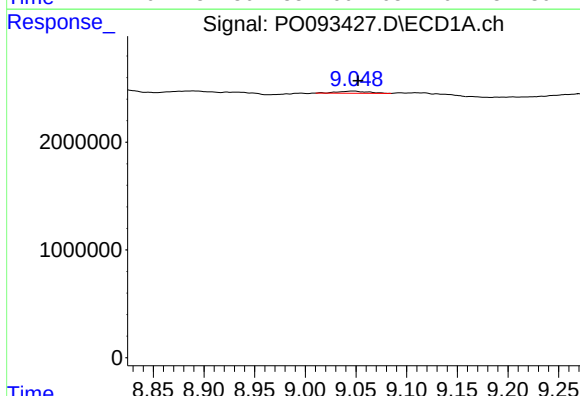
R.T.: 8.813 min
Delta R.T.: -0.005 min
Response: 1310779
Conc: 4.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



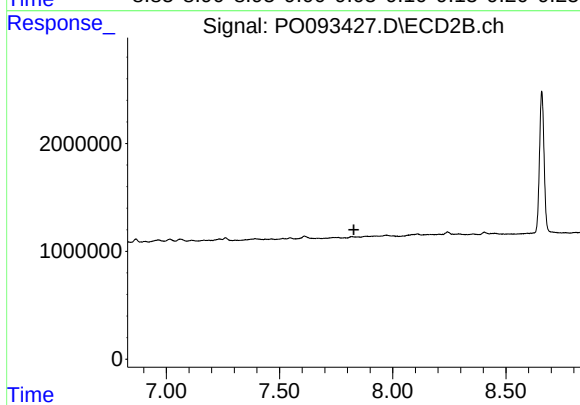
#42 AR-1268-2

R.T.: 7.610 min
Delta R.T.: -0.010 min
Response: 400290
Conc: 2.87 ng/ml



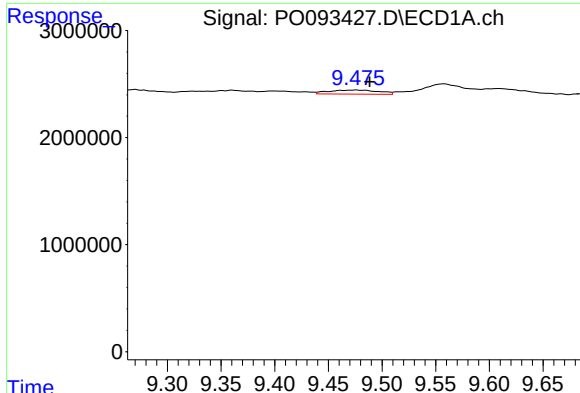
#43 AR-1268-3

R.T.: 9.047 min
Delta R.T.: -0.005 min
Response: 414019
Conc: 1.62 ng/ml



#43 AR-1268-3

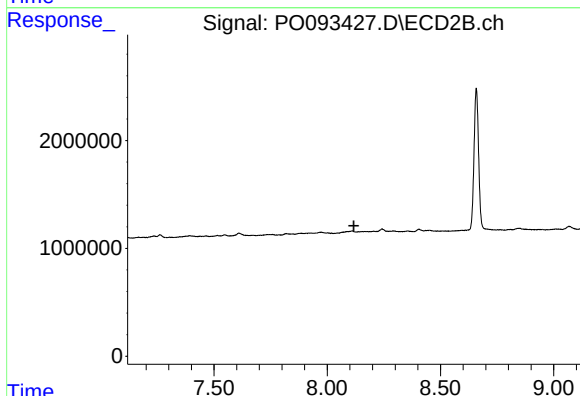
R.T.: 0.000 min
Exp R.T.: 7.828 min
Response: 0
Conc: N.D.



#44 AR-1268-4

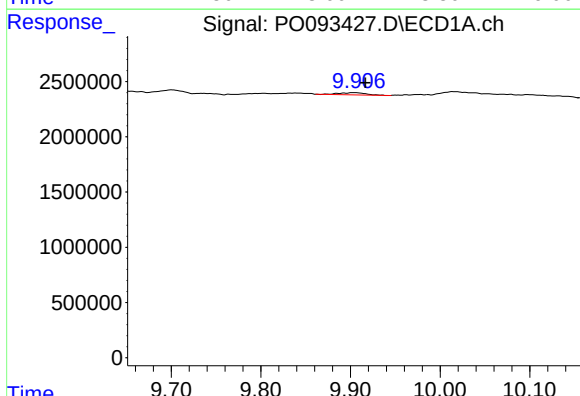
R.T.: 9.475 min
Delta R.T.: -0.013 min
Response: 1228514
Conc: 11.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



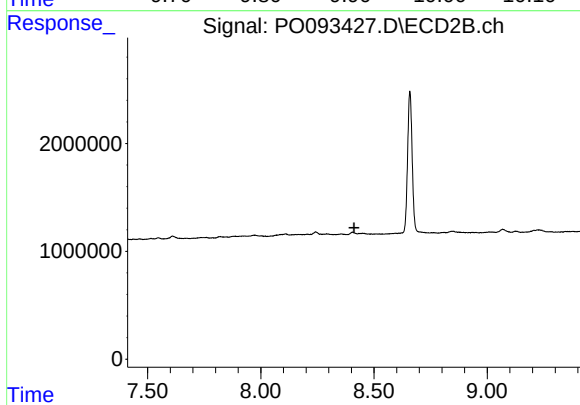
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.904 min
Delta R.T.: -0.012 min
Response: 414911
Conc: 0.52 ng/ml



#45 AR-1268-5

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