

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052223\
 Data File : P0095240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2023 17:37
 Operator : YP/AJ
 Sample : 02850-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 22:06:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 19 06:20:17 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...	4.494	3.652	41821370	16116442	14.353	14.193
2)	SA Decachlor...	10.543	8.710	30073875	12426930	12.960	12.814
Target Compounds							
3)	L1 AR-1016-1	5.706	4.725	1213869	318241	11.642	8.011 #
4)	L1 AR-1016-2	5.706	4.725f	1213869	318241	8.049	5.732 #
5)	L1 AR-1016-3	5.790	4.921	1029154	1588734	10.885	53.088 #
6)	L1 AR-1016-4	5.881	4.966	836667	1143416	11.117	44.547 #
7)	L1 AR-1016-5	6.184	5.235f	8292684	46551715	111.405	1472.809 #
8)	L2 AR-1221-1	4.706	3.933f	3098487	444324	83.066	29.622 #
9)	L2 AR-1221-2	4.779	3.933	3339739	444324	114.060	37.974 #
10)	L2 AR-1221-3	4.872	4.026	5115291	977400	60.204	28.191 #
11)	L3 AR-1232-1	4.872	4.026	5115291	977400	80.785	36.977 #
12)	L3 AR-1232-2	5.404	4.725f	2130340	318241	59.551	12.350 #
13)	L3 AR-1232-3	5.706	4.921	1213869	1588734	18.002	114.454 #
14)	L3 AR-1232-4	5.881	5.017	836667	957168	24.653	72.212 #
15)	L3 AR-1232-5	5.984	5.235f	290652	46551715	10.141	3314.591 #
16)	L4 AR-1242-1	5.706	4.725	1213869	318241	15.218	10.406 #
17)	L4 AR-1242-2	5.706	4.725f	1213869	318241	10.620	7.494 #
18)	L4 AR-1242-3	5.790	4.921	1029154	1588734	14.061	68.192 #
19)	L4 AR-1242-4	5.881	5.017	836667	957168	14.408	38.871 #
20)	L4 AR-1242-5	6.673	5.553	248.2E6	1091838	4249.877	36.787 #
21)	L5 AR-1248-1	5.706	4.725	1213869	318241	16.970	11.599 #
22)	L5 AR-1248-2	5.984	4.966	290652	1143416	2.742	28.414 #
23)	L5 AR-1248-3	6.184	5.017	8292684	957168	72.279	22.760 #
24)	L5 AR-1248-4	6.610	5.235f	3288486	46551715	26.085	966.252 #
25)	L5 AR-1248-5	6.673	5.611	248.2E6	26330691	2035.362	588.043 #
26)	L6 AR-1254-1	6.610	5.553	3288486	1091838	29.077	17.610 #
27)	L6 AR-1254-2	6.790	5.683	93621513	649813	538.925	11.655 #
28)	L6 AR-1254-3	7.190	6.129	3107658	581681	17.715	6.781 #
29)	L6 AR-1254-4	7.472	6.356	1109122	788625	8.618	15.183 #
30)	L6 AR-1254-5	7.932	6.749	226989	1915125	1.370	24.764 #
31)	L7 AR-1260-1	7.338	6.229	116910	1252152	0.852	20.593 #
32)	L7 AR-1260-2	7.595	6.409	3973808	983326	24.655	14.100 #
33)	L7 AR-1260-3	7.987	6.579	439952	1530133	4.291	22.392 #
34)	L7 AR-1260-4	8.207	7.070	1050740	1966204	7.374	40.447 #
35)	L7 AR-1260-5	8.552	7.304	2282204	4511654	9.610	40.560 #
36)	L8 AR-1262-1	7.987	6.862	439952	361389	2.515	11.019 #
37)	L8 AR-1262-2	8.552	7.070	2282204	1966204	7.533	28.266 #
38)	L8 AR-1262-3	8.928	7.587	1418826	522508	6.764	9.569 #
39)	L8 AR-1262-4	8.997	7.640	388489	4009369	2.385	41.261 #
40)	L8 AR-1262-5	9.728	8.170	161402	22778	1.504	0.498 #
41)	L9 AR-1268-1	8.898	7.587	88547	522508	0.250	3.425 #

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 ALS Vial : 25 Sample Multiplier: 1

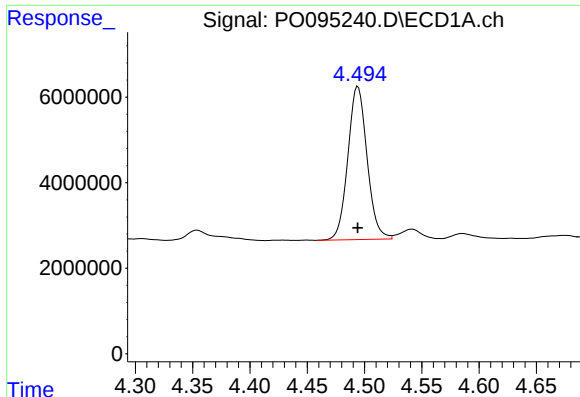
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 22:06:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051823.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	8.997	7.640	388489	4009369	1.198	29.373 #
43) L9	AR-1268-3	9.278	7.914f	192943	293497	0.698	2.437 #
44) L9	AR-1268-4	9.728	8.170	161402	22778	1.366	0.450 #
45) L9	AR-1268-5	10.199	0.000	181214	0	0.205	N.D. #

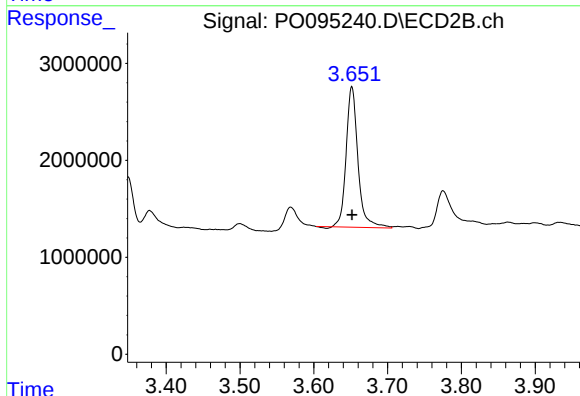
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

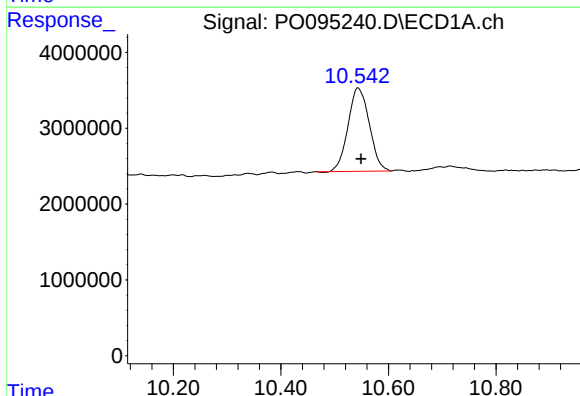
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 41821370
Conc: 14.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



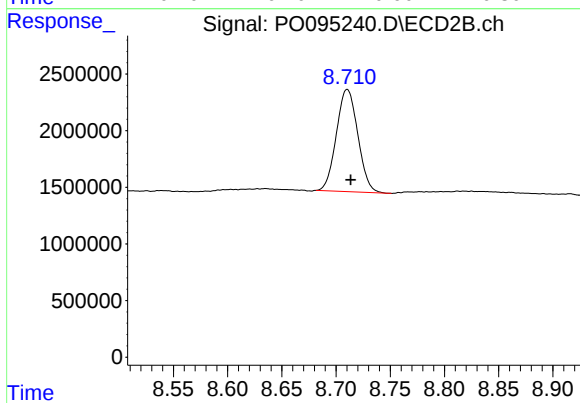
#1 Tetrachloro-m-xylene

R.T.: 3.652 min
Delta R.T.: 0.000 min
Response: 16116442
Conc: 14.19 ng/ml



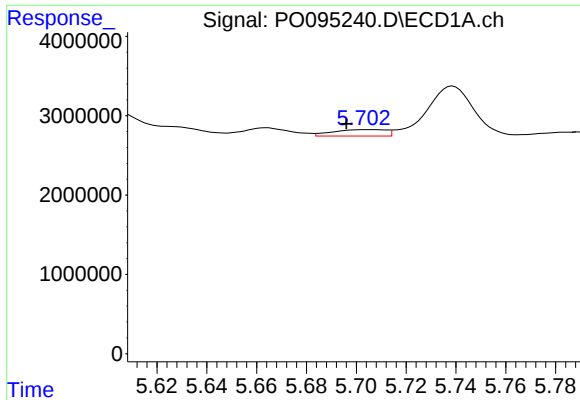
#2 Decachlorobiphenyl

R.T.: 10.543 min
Delta R.T.: -0.006 min
Response: 30073875
Conc: 12.96 ng/ml



#2 Decachlorobiphenyl

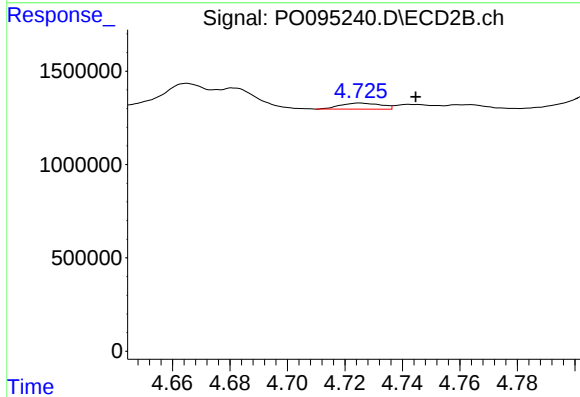
R.T.: 8.710 min
Delta R.T.: -0.003 min
Response: 12426930
Conc: 12.81 ng/ml



#3 AR-1016-1

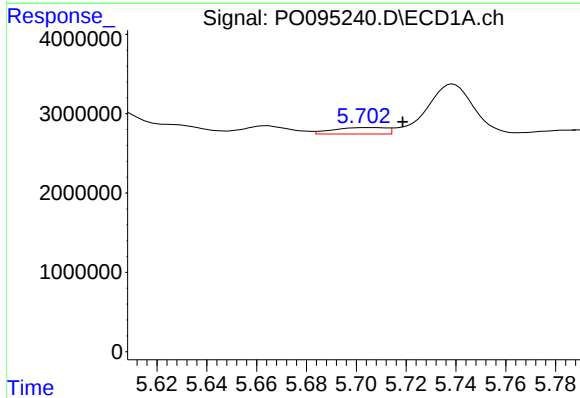
R.T.: 5.706 min
Delta R.T.: 0.010 min
Response: 1213869
Conc: 11.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



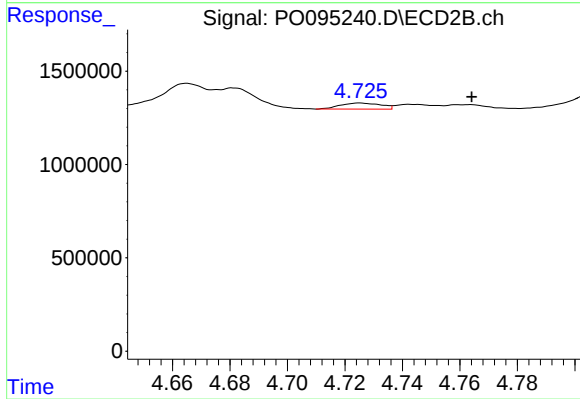
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: -0.019 min
Response: 318241
Conc: 8.01 ng/ml



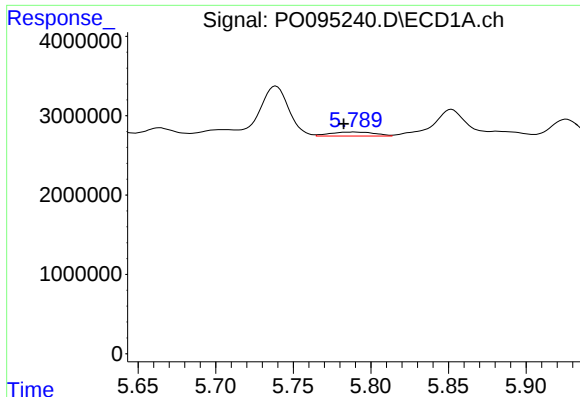
#4 AR-1016-2

R.T.: 5.706 min
Delta R.T.: -0.013 min
Response: 1213869
Conc: 8.05 ng/ml



#4 AR-1016-2

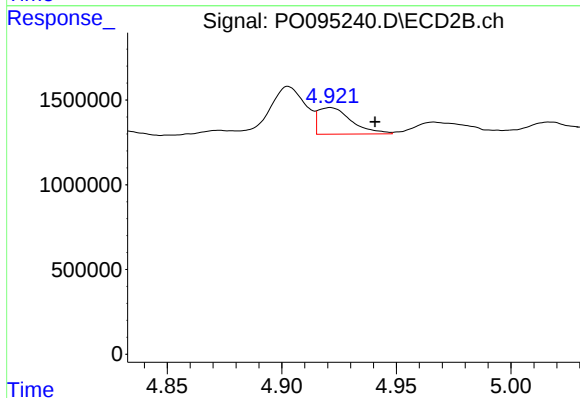
R.T.: 4.725 min
Delta R.T.: -0.039 min
Response: 318241
Conc: 5.73 ng/ml



#5 AR-1016-3

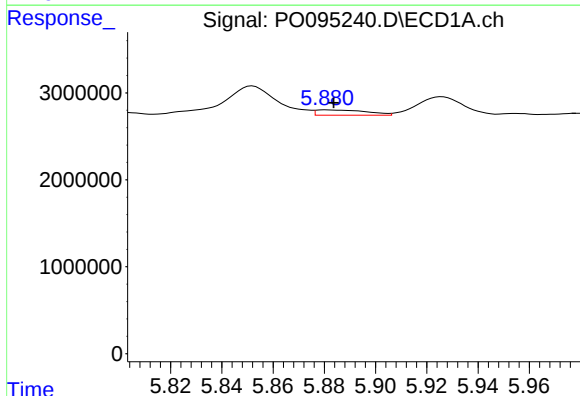
R.T.: 5.790 min
Delta R.T.: 0.007 min
Response: 1029154
Conc: 10.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



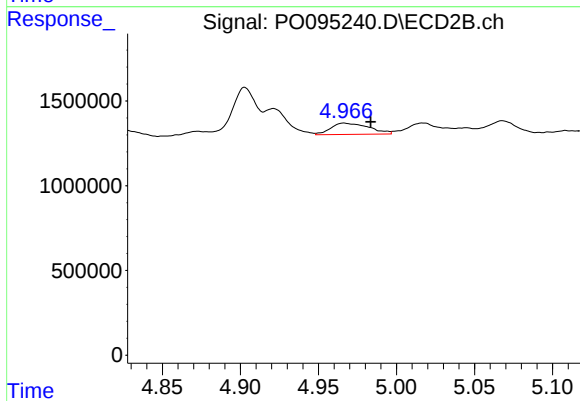
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: -0.020 min
Response: 1588734
Conc: 53.09 ng/ml



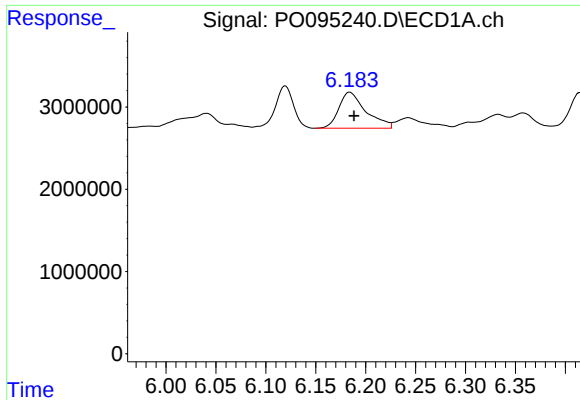
#6 AR-1016-4

R.T.: 5.881 min
Delta R.T.: -0.003 min
Response: 836667
Conc: 11.12 ng/ml



#6 AR-1016-4

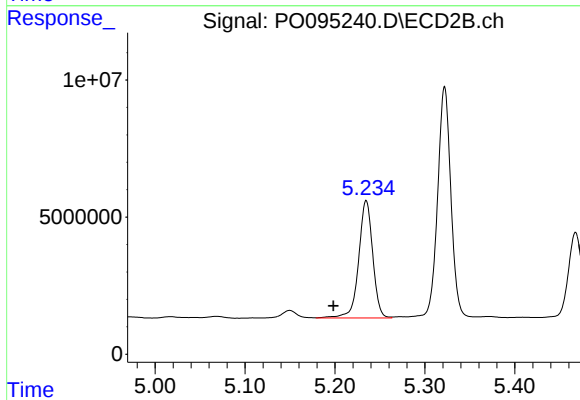
R.T.: 4.966 min
Delta R.T.: -0.017 min
Response: 1143416
Conc: 44.55 ng/ml



#7 AR-1016-5

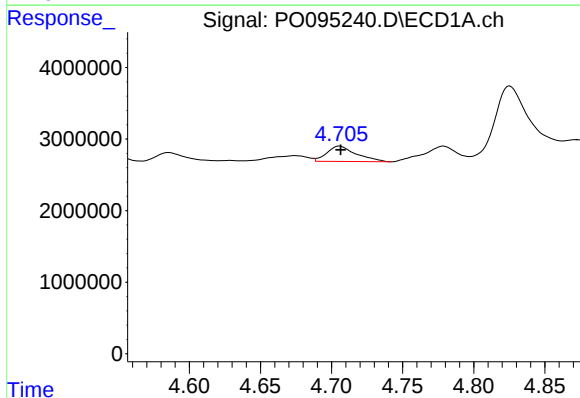
R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 8292684
Conc: 111.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



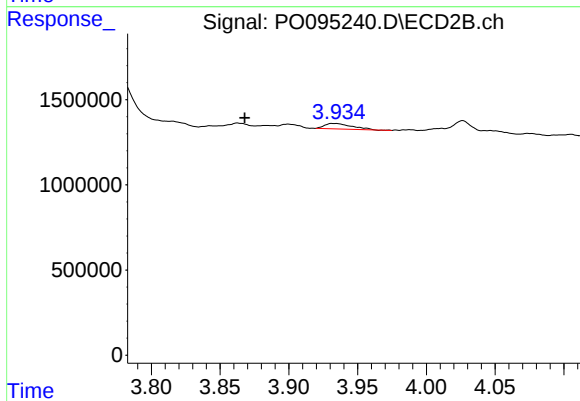
#7 AR-1016-5

R.T.: 5.235 min
Delta R.T.: 0.037 min
Response: 46551715
Conc: 1472.81 ng/ml



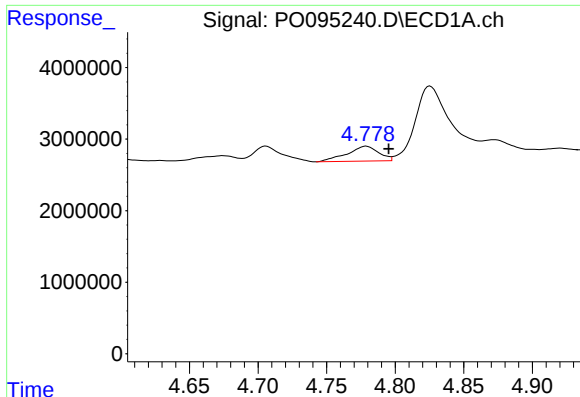
#8 AR-1221-1

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 3098487
Conc: 83.07 ng/ml



#8 AR-1221-1

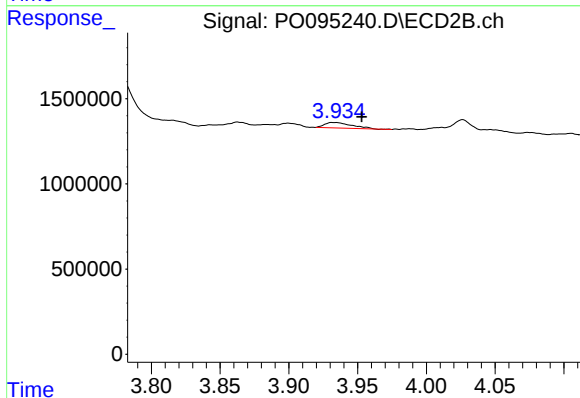
R.T.: 3.933 min
Delta R.T.: 0.065 min
Response: 444324
Conc: 29.62 ng/ml



#9 AR-1221-2

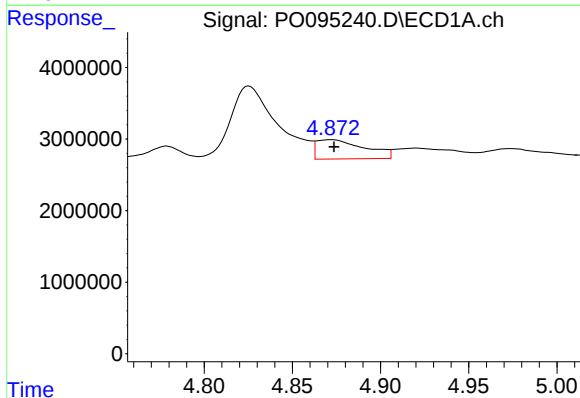
R.T.: 4.779 min
Delta R.T.: -0.016 min
Response: 3339739
Conc: 114.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



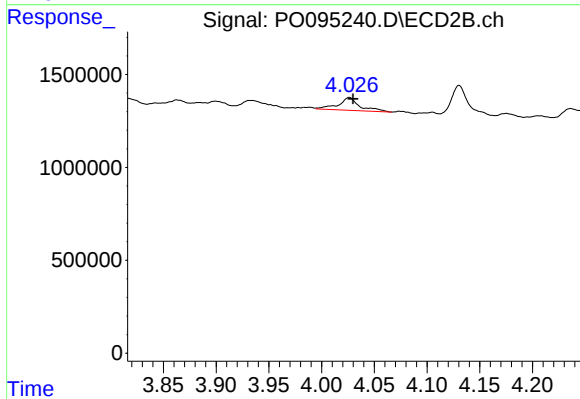
#9 AR-1221-2

R.T.: 3.933 min
Delta R.T.: -0.020 min
Response: 444324
Conc: 37.97 ng/ml



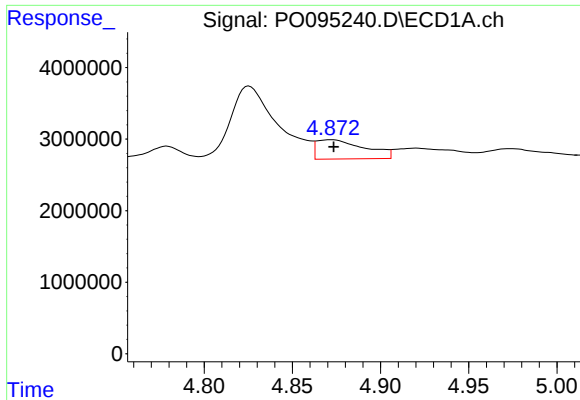
#10 AR-1221-3

R.T.: 4.872 min
Delta R.T.: -0.001 min
Response: 5115291
Conc: 60.20 ng/ml



#10 AR-1221-3

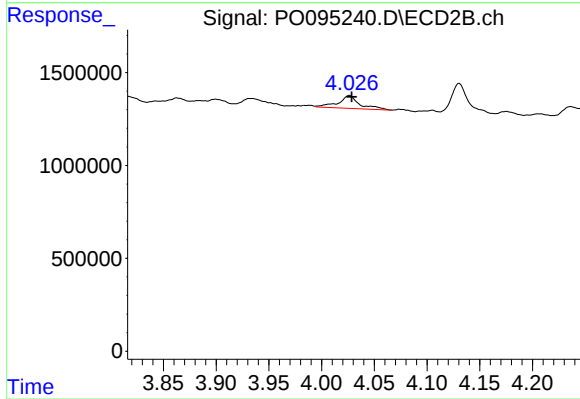
R.T.: 4.026 min
Delta R.T.: -0.004 min
Response: 977400
Conc: 28.19 ng/ml



#11 AR-1232-1

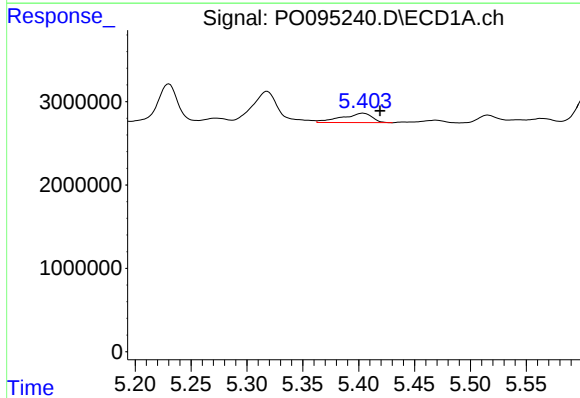
R.T.: 4.872 min
Delta R.T.: -0.001 min
Response: 5115291
Conc: 80.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



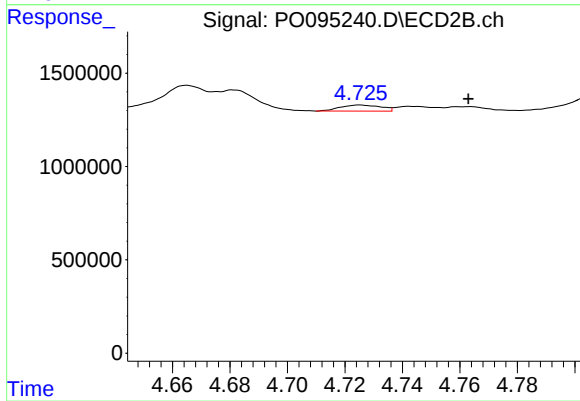
#11 AR-1232-1

R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 977400
Conc: 36.98 ng/ml



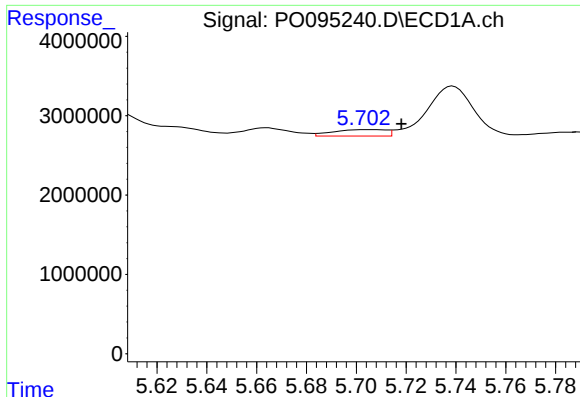
#12 AR-1232-2

R.T.: 5.404 min
Delta R.T.: -0.015 min
Response: 2130340
Conc: 59.55 ng/ml



#12 AR-1232-2

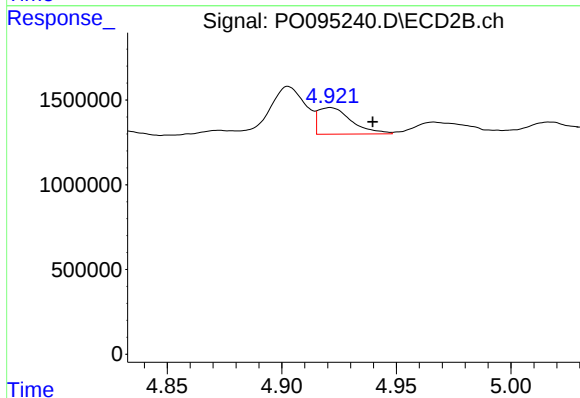
R.T.: 4.725 min
Delta R.T.: -0.038 min
Response: 318241
Conc: 12.35 ng/ml



#13 AR-1232-3

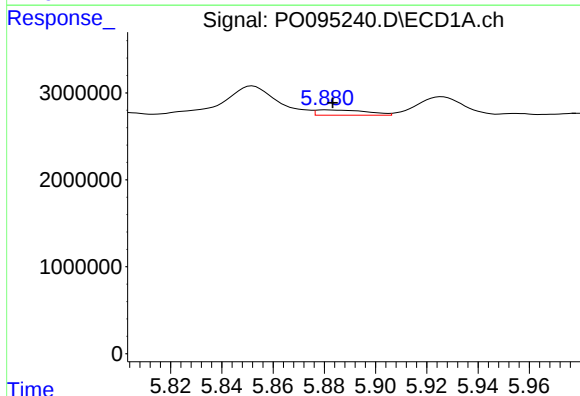
R.T.: 5.706 min
Delta R.T.: -0.013 min
Response: 1213869
Conc: 18.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



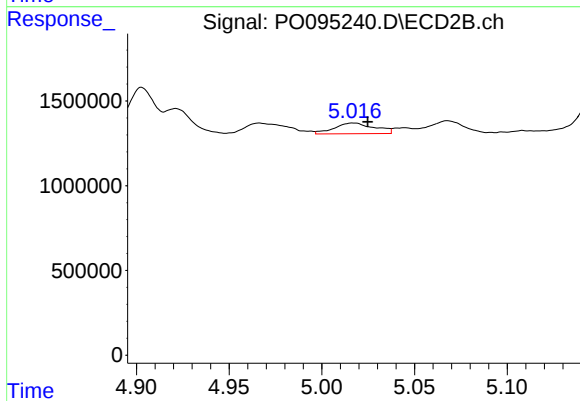
#13 AR-1232-3

R.T.: 4.921 min
Delta R.T.: -0.018 min
Response: 1588734
Conc: 114.45 ng/ml



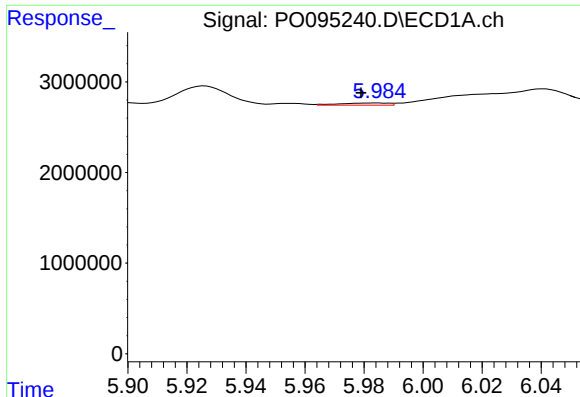
#14 AR-1232-4

R.T.: 5.881 min
Delta R.T.: -0.002 min
Response: 836667
Conc: 24.65 ng/ml



#14 AR-1232-4

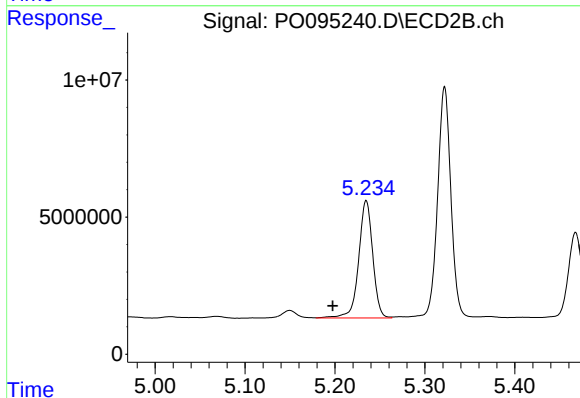
R.T.: 5.017 min
Delta R.T.: -0.007 min
Response: 957168
Conc: 72.21 ng/ml



#15 AR-1232-5

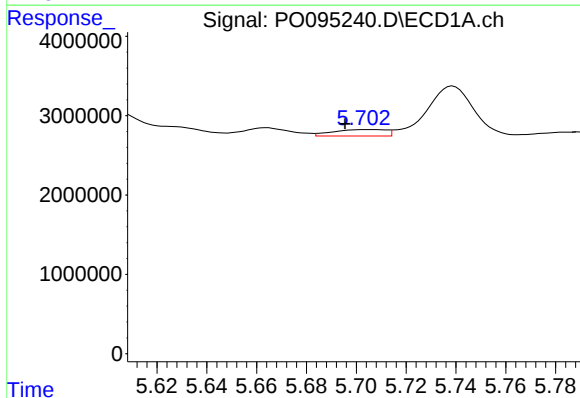
R.T.: 5.984 min
Delta R.T.: 0.005 min
Response: 290652
Conc: 10.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



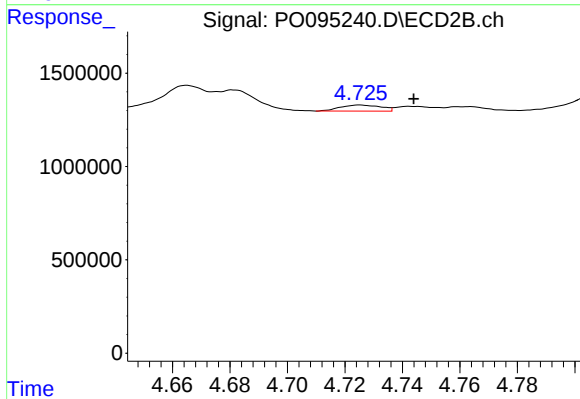
#15 AR-1232-5

R.T.: 5.235 min
Delta R.T.: 0.037 min
Response: 46551715
Conc: 3314.59 ng/ml



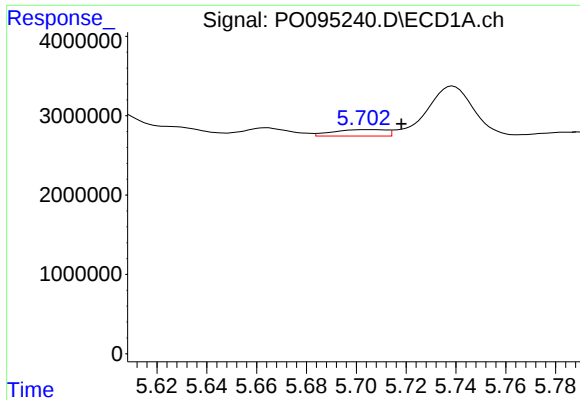
#16 AR-1242-1

R.T.: 5.706 min
Delta R.T.: 0.010 min
Response: 1213869
Conc: 15.22 ng/ml



#16 AR-1242-1

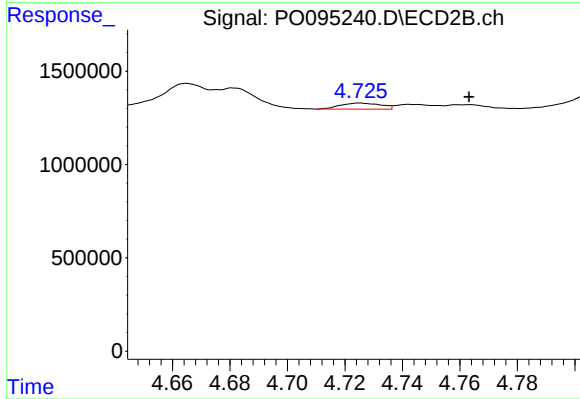
R.T.: 4.725 min
Delta R.T.: -0.019 min
Response: 318241
Conc: 10.41 ng/ml



#17 AR-1242-2

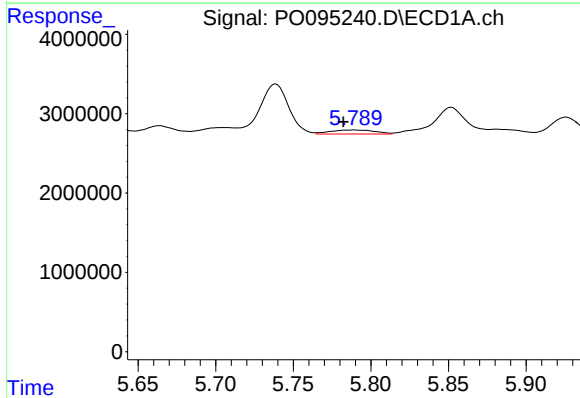
R.T.: 5.706 min
Delta R.T.: -0.013 min
Response: 1213869
Conc: 10.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



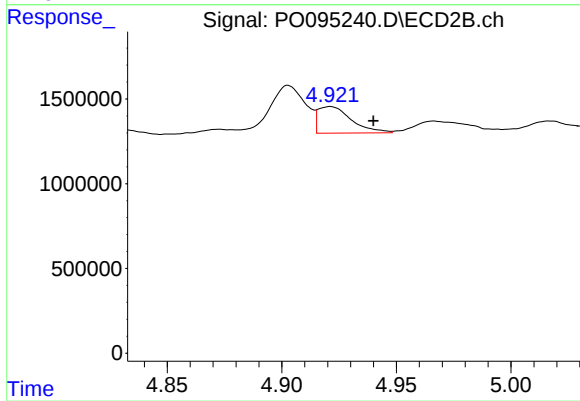
#17 AR-1242-2

R.T.: 4.725 min
Delta R.T.: -0.038 min
Response: 318241
Conc: 7.49 ng/ml



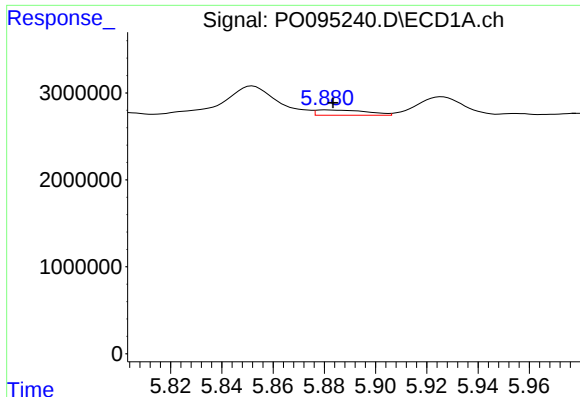
#18 AR-1242-3

R.T.: 5.790 min
Delta R.T.: 0.007 min
Response: 1029154
Conc: 14.06 ng/ml



#18 AR-1242-3

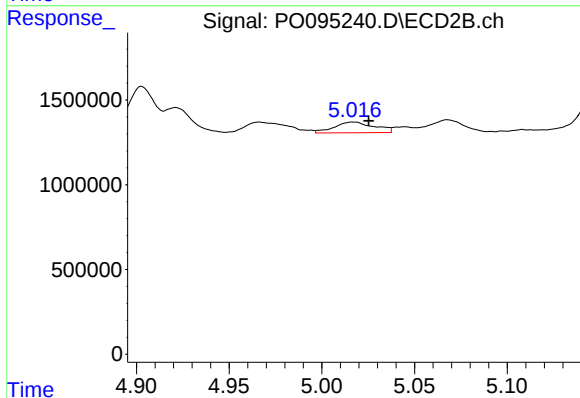
R.T.: 4.921 min
Delta R.T.: -0.019 min
Response: 1588734
Conc: 68.19 ng/ml



#19 AR-1242-4

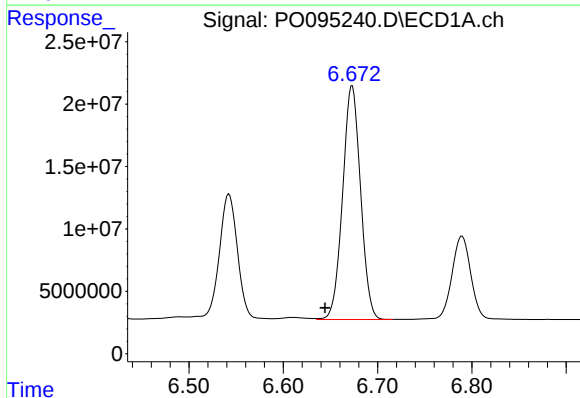
R.T.: 5.881 min
Delta R.T.: -0.003 min
Response: 836667
Conc: 14.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



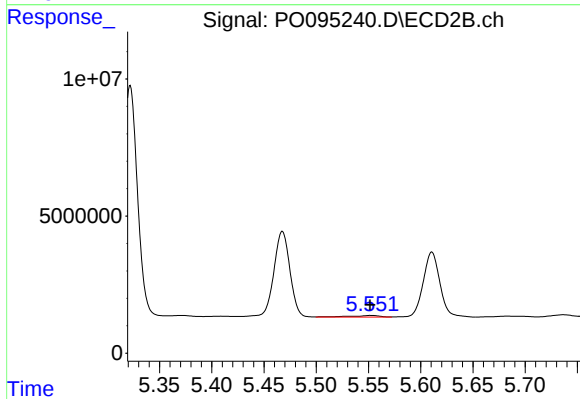
#19 AR-1242-4

R.T.: 5.017 min
Delta R.T.: -0.008 min
Response: 957168
Conc: 38.87 ng/ml



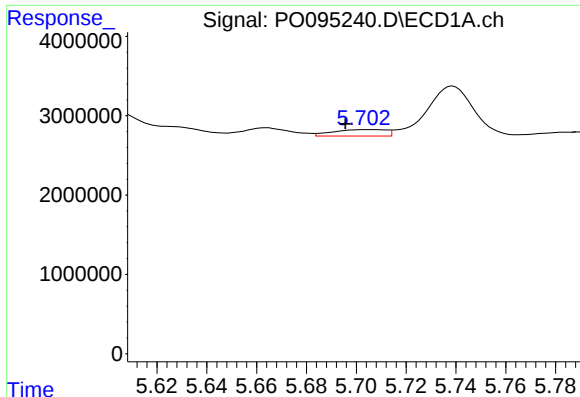
#20 AR-1242-5

R.T.: 6.673 min
Delta R.T.: 0.029 min
Response: 248199372
Conc: 4249.88 ng/ml



#20 AR-1242-5

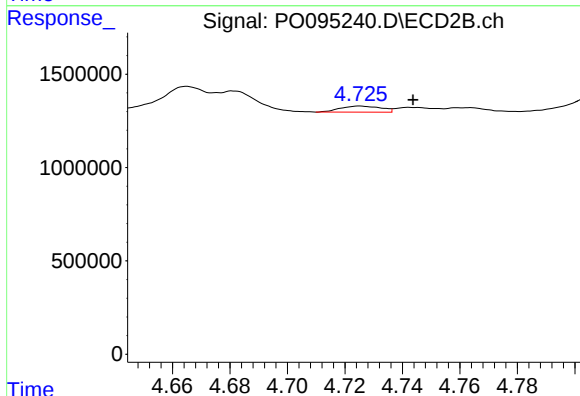
R.T.: 5.553 min
Delta R.T.: 0.001 min
Response: 1091838
Conc: 36.79 ng/ml



#21 AR-1248-1

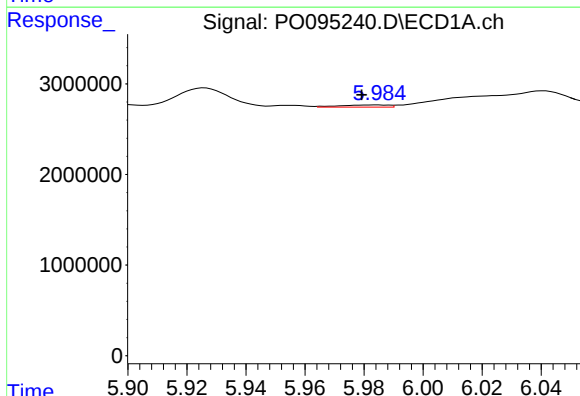
R.T.: 5.706 min
Delta R.T.: 0.010 min
Response: 1213869
Conc: 16.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



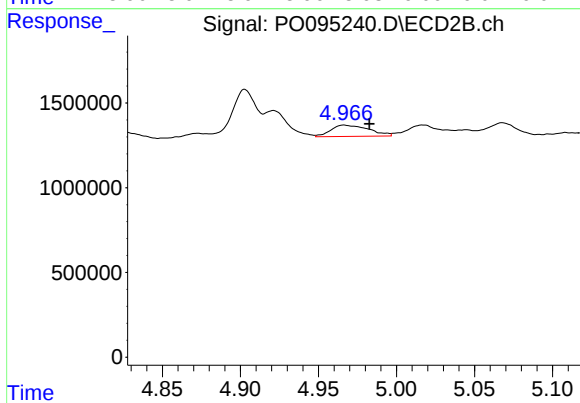
#21 AR-1248-1

R.T.: 4.725 min
Delta R.T.: -0.018 min
Response: 318241
Conc: 11.60 ng/ml



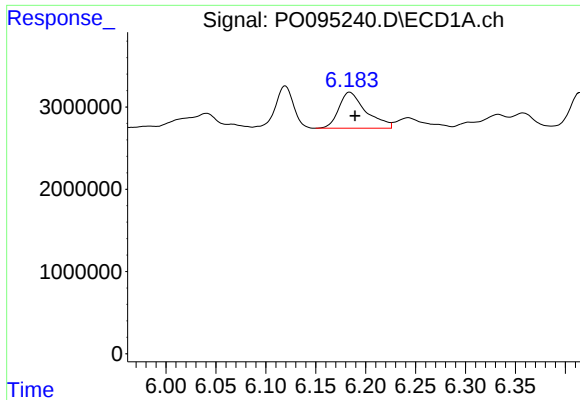
#22 AR-1248-2

R.T.: 5.984 min
Delta R.T.: 0.005 min
Response: 290652
Conc: 2.74 ng/ml



#22 AR-1248-2

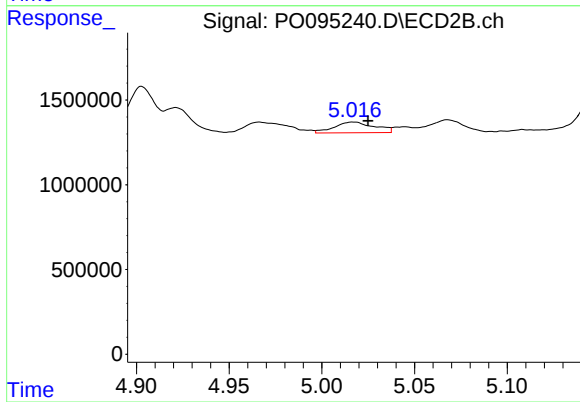
R.T.: 4.966 min
Delta R.T.: -0.016 min
Response: 1143416
Conc: 28.41 ng/ml



#23 AR-1248-3

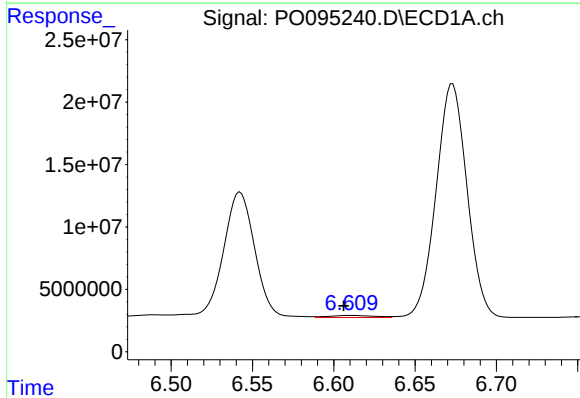
R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 8292684
Conc: 72.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



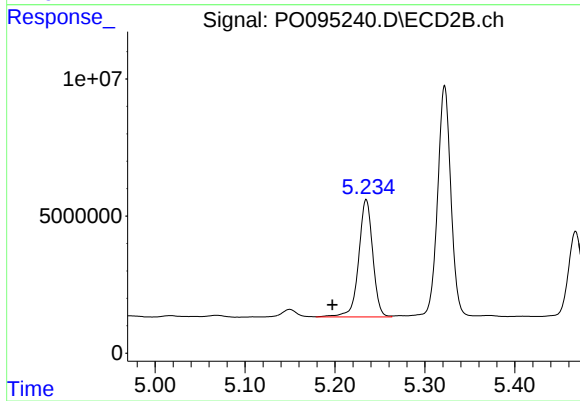
#23 AR-1248-3

R.T.: 5.017 min
Delta R.T.: -0.008 min
Response: 957168
Conc: 22.76 ng/ml



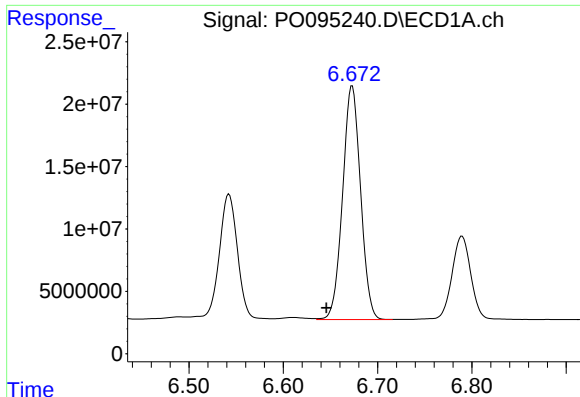
#24 AR-1248-4

R.T.: 6.610 min
Delta R.T.: 0.004 min
Response: 3288486
Conc: 26.08 ng/ml



#24 AR-1248-4

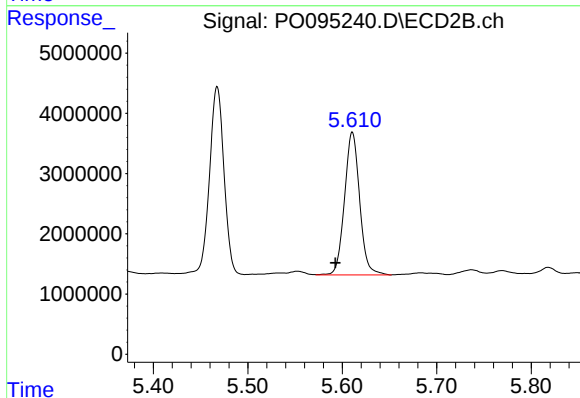
R.T.: 5.235 min
Delta R.T.: 0.038 min
Response: 46551715
Conc: 966.25 ng/ml



#25 AR-1248-5

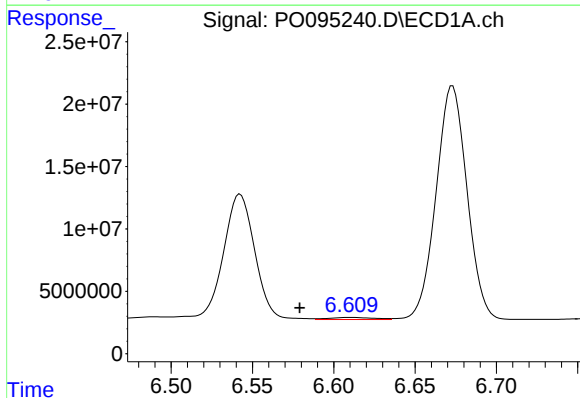
R.T.: 6.673 min
Delta R.T.: 0.027 min
Response: 248199372
Conc: 2035.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



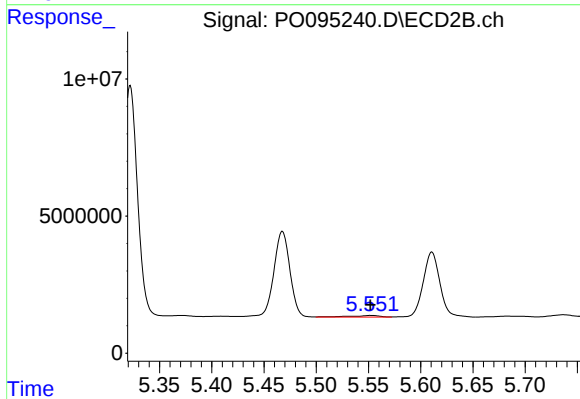
#25 AR-1248-5

R.T.: 5.611 min
Delta R.T.: 0.018 min
Response: 26330691
Conc: 588.04 ng/ml



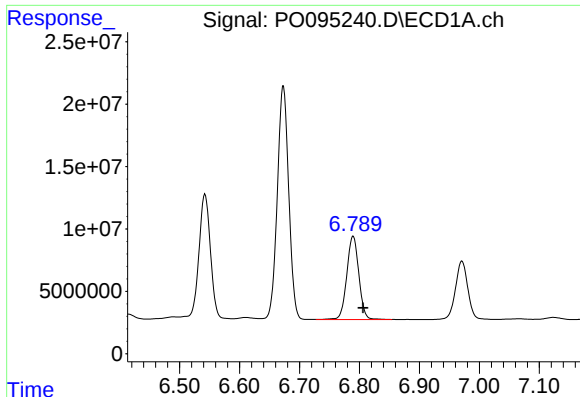
#26 AR-1254-1

R.T.: 6.610 min
Delta R.T.: 0.031 min
Response: 3288486
Conc: 29.08 ng/ml



#26 AR-1254-1

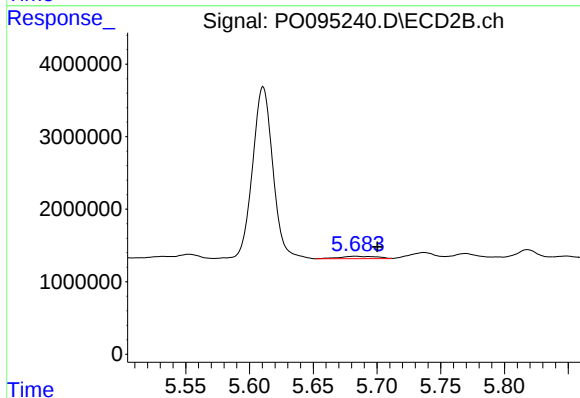
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 1091838
Conc: 17.61 ng/ml



#27 AR-1254-2

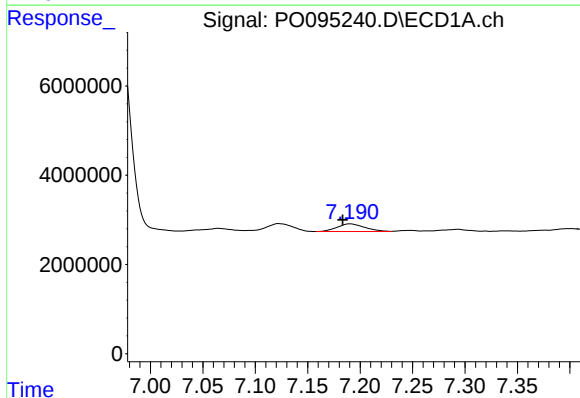
R.T.: 6.790 min
Delta R.T.: -0.016 min
Response: 93621513
Conc: 538.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



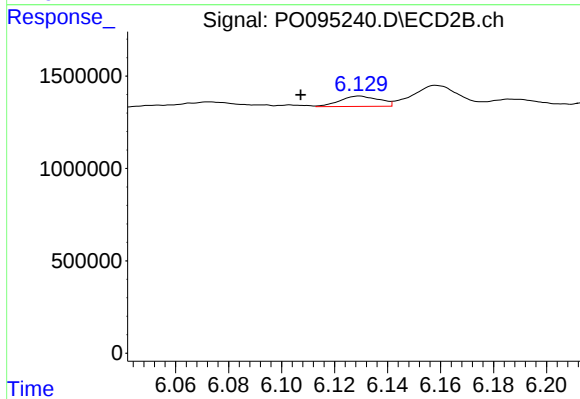
#27 AR-1254-2

R.T.: 5.683 min
Delta R.T.: -0.017 min
Response: 649813
Conc: 11.66 ng/ml



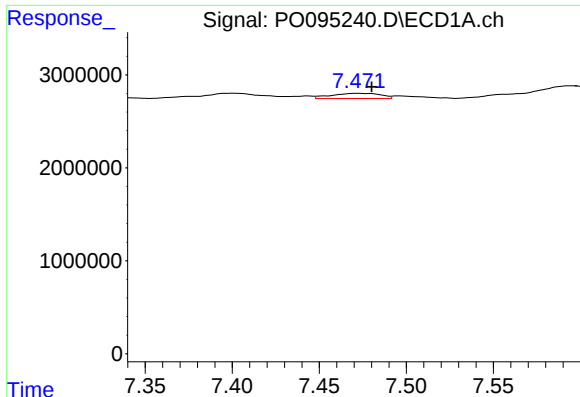
#28 AR-1254-3

R.T.: 7.190 min
Delta R.T.: 0.007 min
Response: 3107658
Conc: 17.71 ng/ml



#28 AR-1254-3

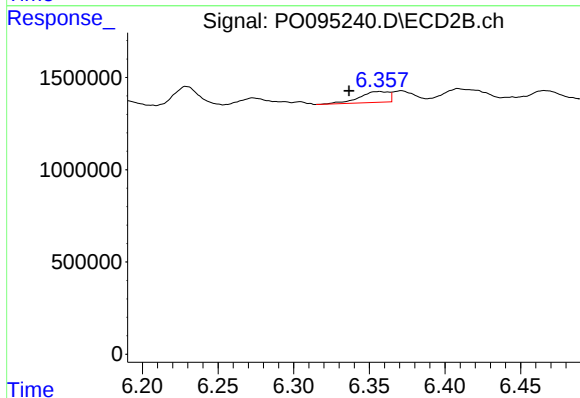
R.T.: 6.129 min
Delta R.T.: 0.022 min
Response: 581681
Conc: 6.78 ng/ml



#29 AR-1254-4

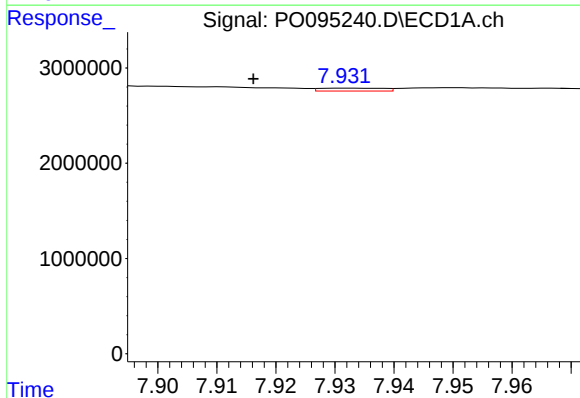
R.T.: 7.472 min
Delta R.T.: -0.008 min
Response: 1109122
Conc: 8.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



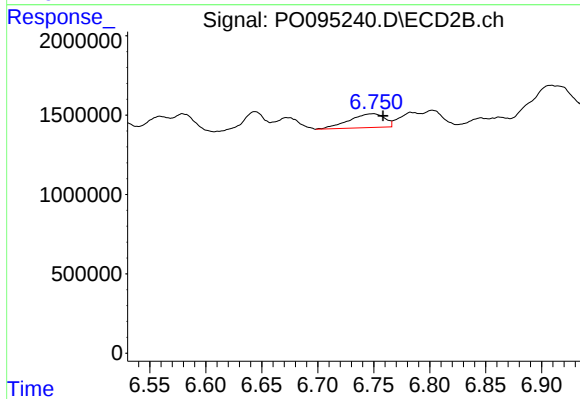
#29 AR-1254-4

R.T.: 6.356 min
Delta R.T.: 0.020 min
Response: 788625
Conc: 15.18 ng/ml



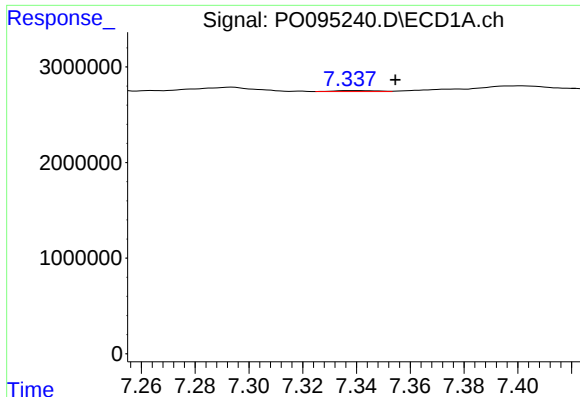
#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: 0.016 min
Response: 226989
Conc: 1.37 ng/ml



#30 AR-1254-5

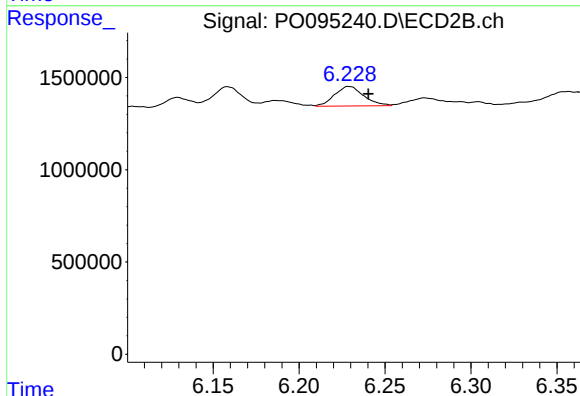
R.T.: 6.749 min
Delta R.T.: -0.009 min
Response: 1915125
Conc: 24.76 ng/ml



#31 AR-1260-1

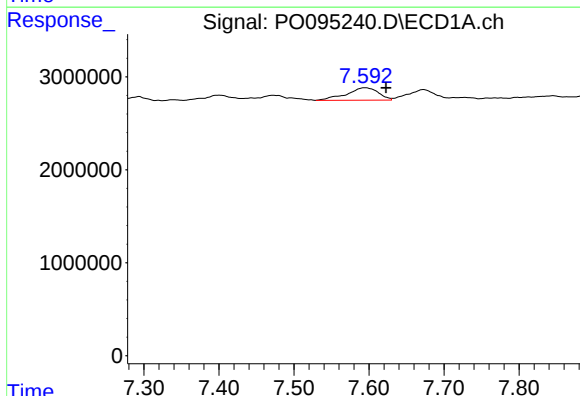
R.T.: 7.338 min
Delta R.T.: -0.017 min
Response: 116910
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



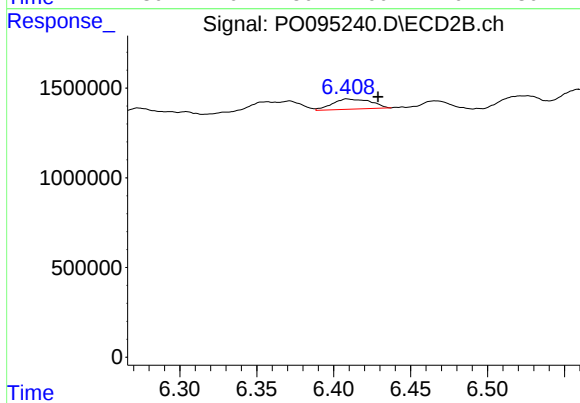
#31 AR-1260-1

R.T.: 6.229 min
Delta R.T.: -0.011 min
Response: 1252152
Conc: 20.59 ng/ml



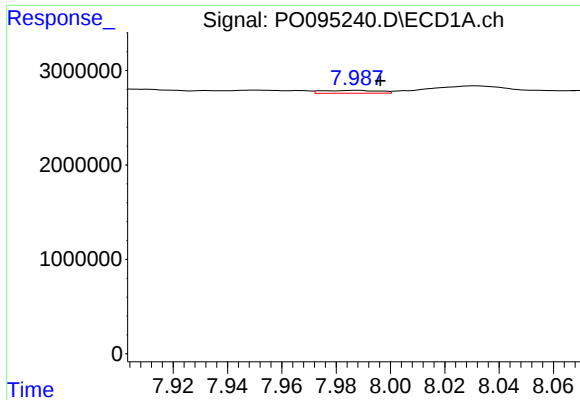
#32 AR-1260-2

R.T.: 7.595 min
Delta R.T.: -0.028 min
Response: 3973808
Conc: 24.65 ng/ml



#32 AR-1260-2

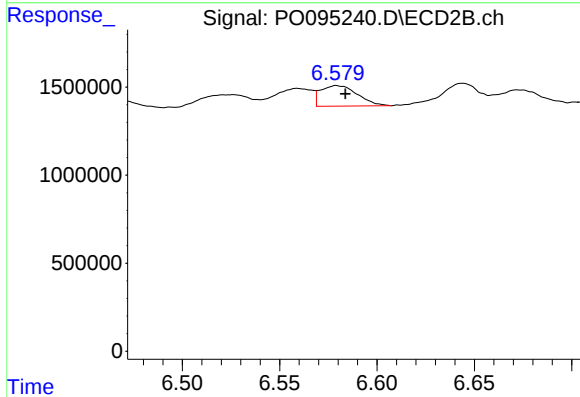
R.T.: 6.409 min
Delta R.T.: -0.020 min
Response: 983326
Conc: 14.10 ng/ml



#33 AR-1260-3

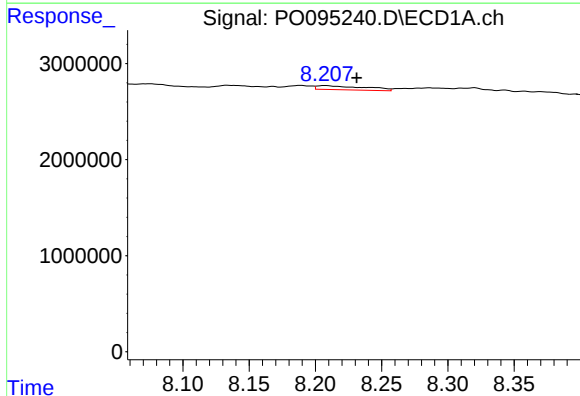
R.T.: 7.987 min
Delta R.T.: -0.009 min
Response: 439952
Conc: 4.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



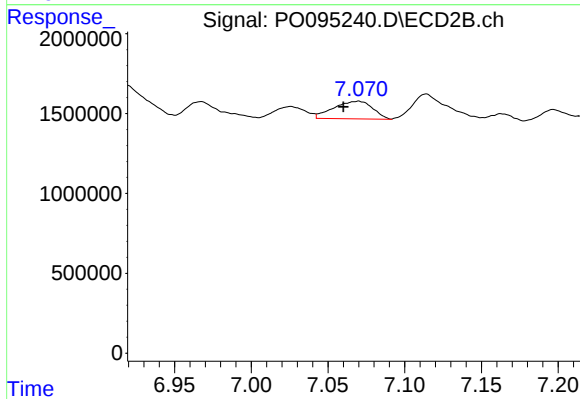
#33 AR-1260-3

R.T.: 6.579 min
Delta R.T.: -0.004 min
Response: 1530133
Conc: 22.39 ng/ml



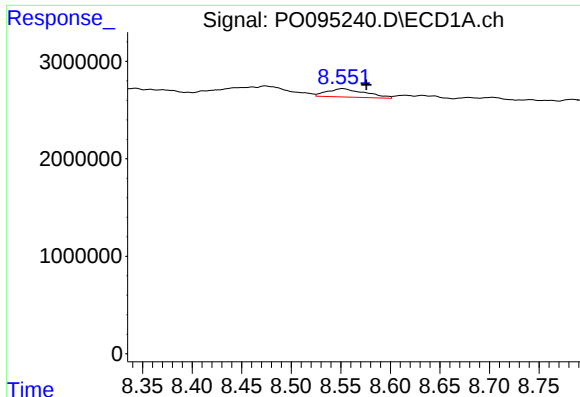
#34 AR-1260-4

R.T.: 8.207 min
Delta R.T.: -0.024 min
Response: 1050740
Conc: 7.37 ng/ml



#34 AR-1260-4

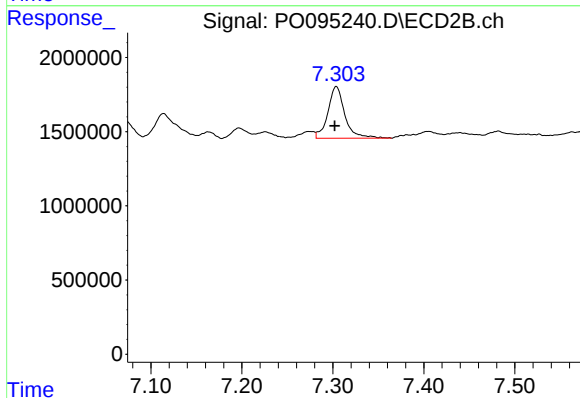
R.T.: 7.070 min
Delta R.T.: 0.010 min
Response: 1966204
Conc: 40.45 ng/ml



#35 AR-1260-5

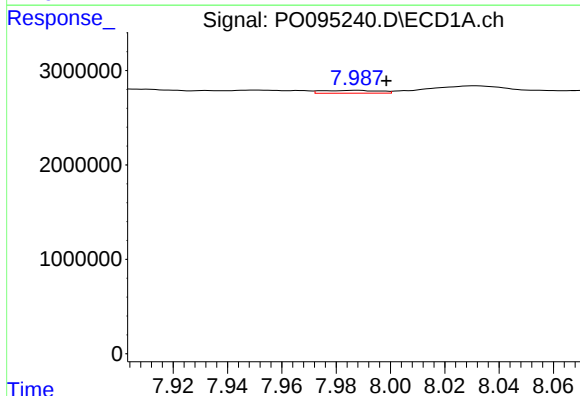
R.T.: 8.552 min
Delta R.T.: -0.024 min
Response: 2282204
Conc: 9.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



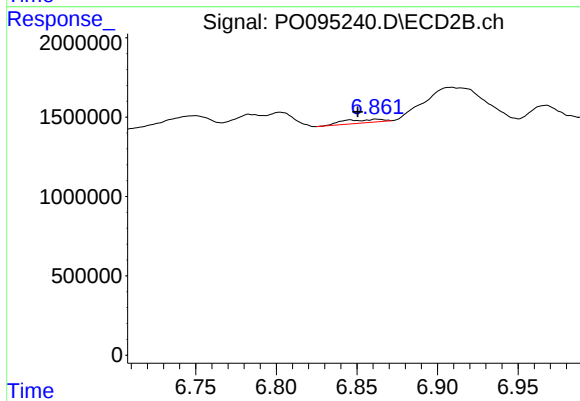
#35 AR-1260-5

R.T.: 7.304 min
Delta R.T.: 0.002 min
Response: 4511654
Conc: 40.56 ng/ml



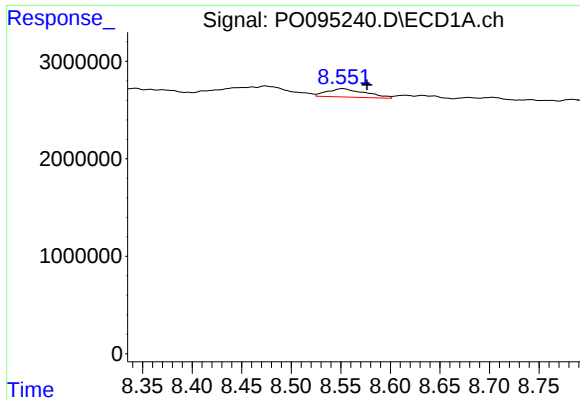
#36 AR-1262-1

R.T.: 7.987 min
Delta R.T.: -0.011 min
Response: 439952
Conc: 2.51 ng/ml



#36 AR-1262-1

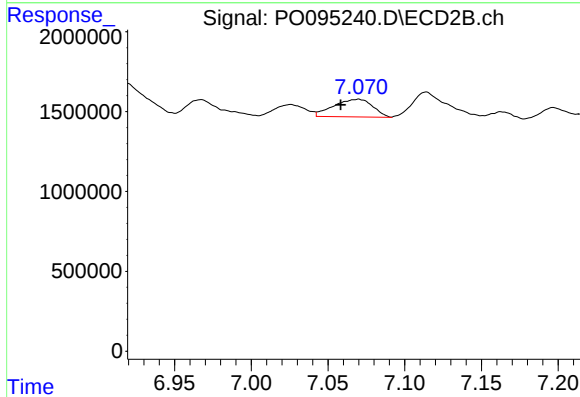
R.T.: 6.862 min
Delta R.T.: 0.012 min
Response: 361389
Conc: 11.02 ng/ml



#37 AR-1262-2

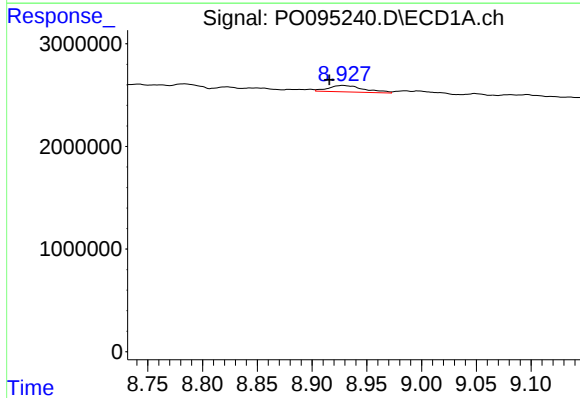
R.T.: 8.552 min
Delta R.T.: -0.024 min
Response: 2282204
Conc: 7.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



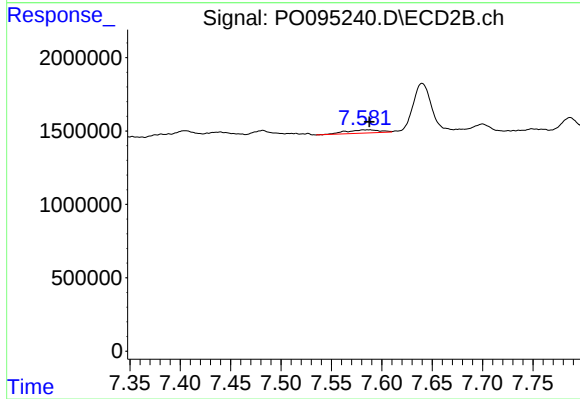
#37 AR-1262-2

R.T.: 7.070 min
Delta R.T.: 0.011 min
Response: 1966204
Conc: 28.27 ng/ml



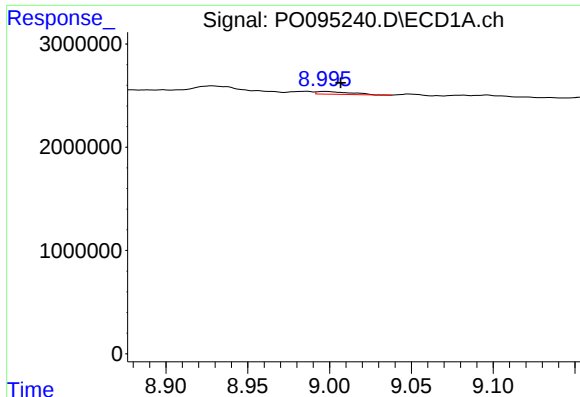
#38 AR-1262-3

R.T.: 8.928 min
Delta R.T.: 0.013 min
Response: 1418826
Conc: 6.76 ng/ml



#38 AR-1262-3

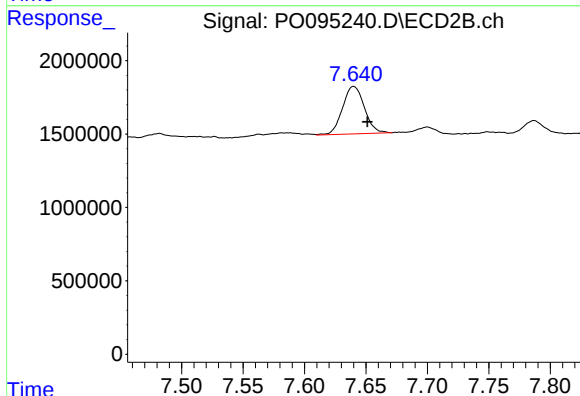
R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 522508
Conc: 9.57 ng/ml



#39 AR-1262-4

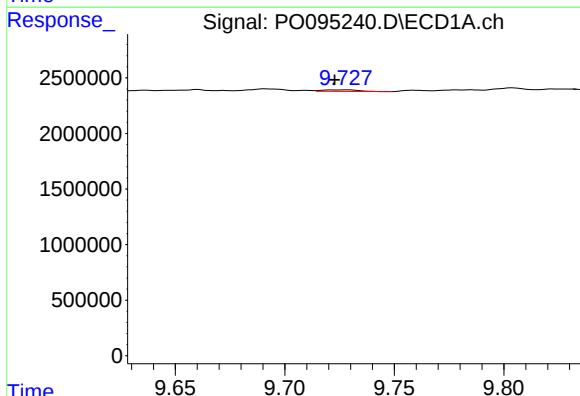
R.T.: 8.997 min
Delta R.T.: -0.010 min
Response: 388489
Conc: 2.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



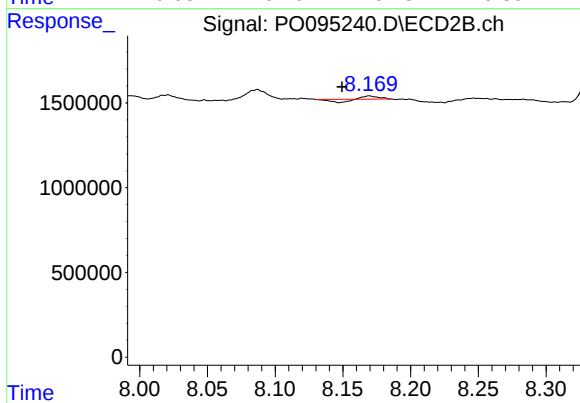
#39 AR-1262-4

R.T.: 7.640 min
Delta R.T.: -0.011 min
Response: 4009369
Conc: 41.26 ng/ml



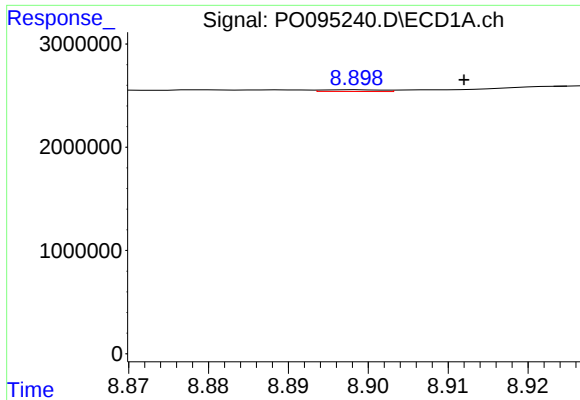
#40 AR-1262-5

R.T.: 9.728 min
Delta R.T.: 0.005 min
Response: 161402
Conc: 1.50 ng/ml



#40 AR-1262-5

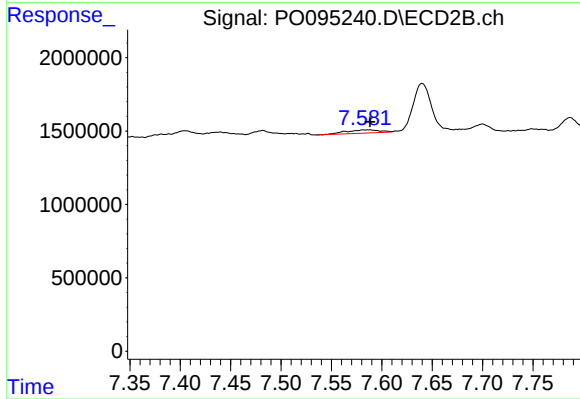
R.T.: 8.170 min
Delta R.T.: 0.020 min
Response: 22778
Conc: 0.50 ng/ml



#41 AR-1268-1

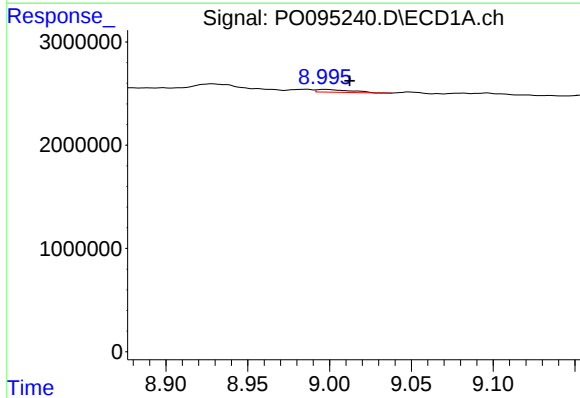
R.T.: 8.898 min
Delta R.T.: -0.014 min
Response: 88547
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



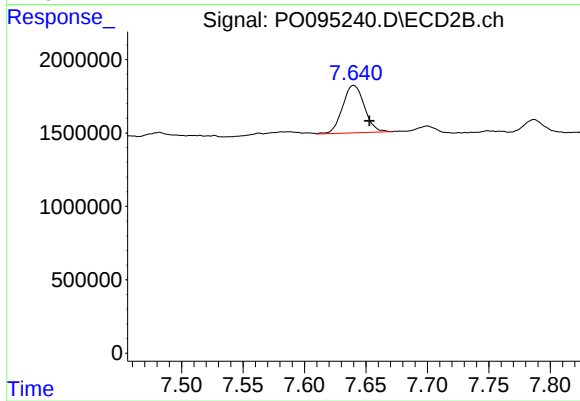
#41 AR-1268-1

R.T.: 7.587 min
Delta R.T.: -0.001 min
Response: 522508
Conc: 3.43 ng/ml



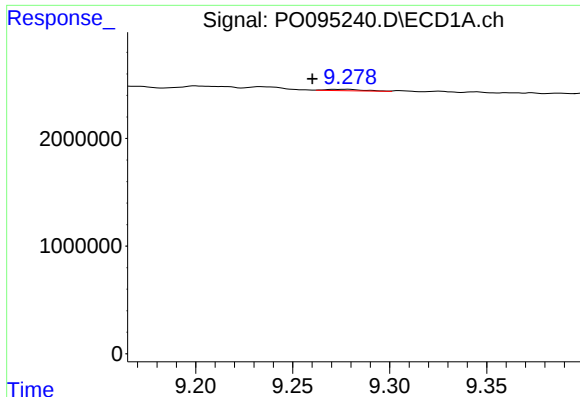
#42 AR-1268-2

R.T.: 8.997 min
Delta R.T.: -0.015 min
Response: 388489
Conc: 1.20 ng/ml



#42 AR-1268-2

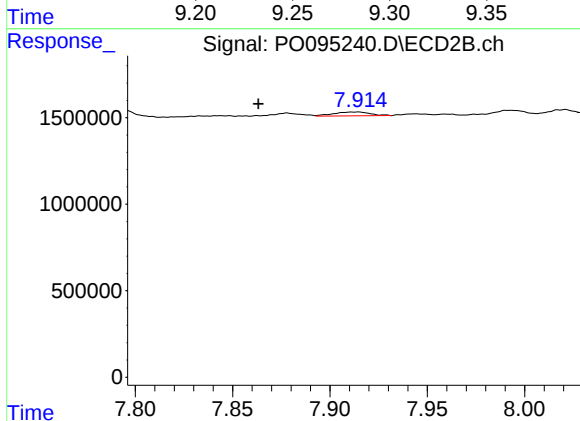
R.T.: 7.640 min
Delta R.T.: -0.013 min
Response: 4009369
Conc: 29.37 ng/ml



#43 AR-1268-3

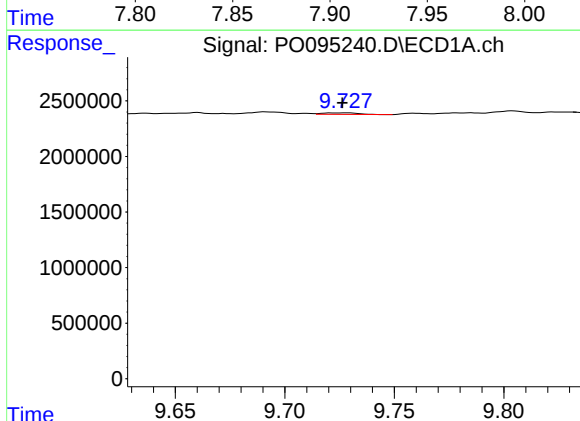
R.T.: 9.278 min
Delta R.T.: 0.018 min
Response: 192943
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



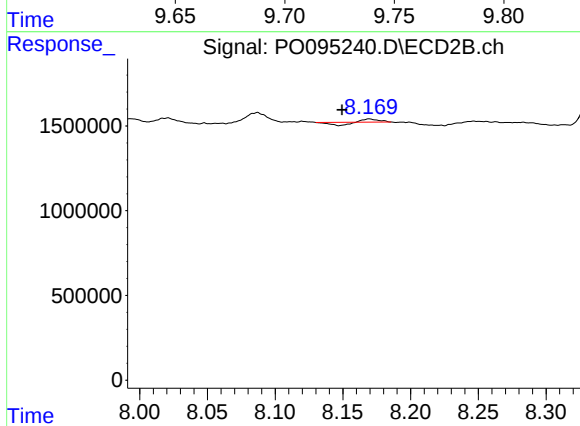
#43 AR-1268-3

R.T.: 7.914 min
Delta R.T.: 0.051 min
Response: 293497
Conc: 2.44 ng/ml



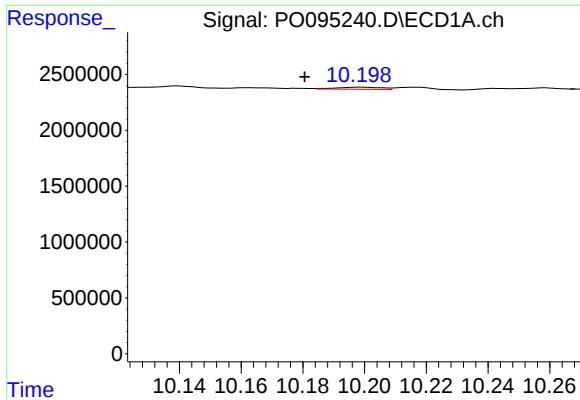
#44 AR-1268-4

R.T.: 9.728 min
Delta R.T.: 0.002 min
Response: 161402
Conc: 1.37 ng/ml



#44 AR-1268-4

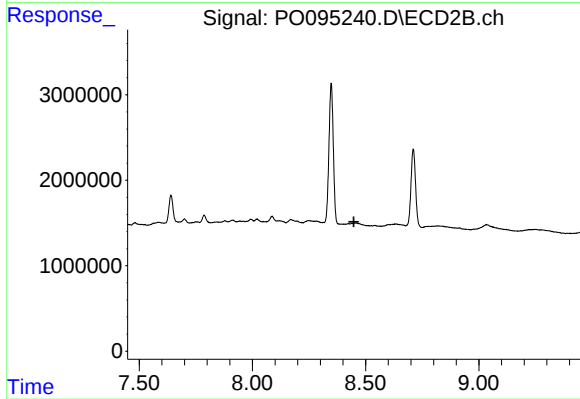
R.T.: 8.170 min
Delta R.T.: 0.020 min
Response: 22778
Conc: 0.45 ng/ml



#45 AR-1268-5

R.T.: 10.199 min
Delta R.T.: 0.018 min
Response: 181214
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.448 min
Response: 0
Conc: N.D.