

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091418\
 Data File : P0048991.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Sep 2018 12:46
 Operator : SM/SJ
 Sample : PB112833BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 22:55:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 12 08:13:07 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.395	3.525	3406974	3829209	20.796	20.990
2)	SA Decachlor...	10.109	8.460	4118507	4563007	18.486	24.589 #
Target Compounds							
3)	L1 AR-1016-1	5.105	4.188	985702	1138818	217.451	224.310
4)	L1 AR-1016-2	5.299	4.594	2461455	1955065	518.770	252.521 #
5)	L1 AR-1016-3	5.567	4.613	2290037	2643669	316.789	255.922
6)	L1 AR-1016-4	5.652	4.667	1604863	1735294	255.255	233.406
7)	L1 AR-1016-5	6.044	5.039	7537250	10735544	1417.950	1547.472
8)	L2 AR-1221-1	0.000	3.736	0	186739	N.D.	91.959 #
9)	L2 AR-1221-2	4.690	3.820	154260	348866	112.674	225.701 #
10)	L2 AR-1221-3	4.769	3.895	527990	657780	116.745	138.002
11)	L3 AR-1232-1	5.495	4.376	796562	1225143	2200.045	618.283 #
12)	L3 AR-1232-2	5.751	4.490	2609911	379812	1359.301	560.939 #
13)	L3 AR-1232-3	5.925	4.868	6460215	7044243	11978.126	3753.957 #
14)	L3 AR-1232-4	6.253	5.184	24246607	11685565	50369.166	5572.592 #
15)	L3 AR-1232-5	7.116	5.721	6506069	12126093	21062.577	47617.348 #
16)	L4 AR-1242-1	5.135	4.207	652141	691746	390.166	366.418
17)	L4 AR-1242-2	5.885	4.785	4721390	3982110	1450.783	957.442 #
18)	L4 AR-1242-3	6.085	4.899	7177837	15166486	4574.545	10362.908 #
19)	L4 AR-1242-4	6.130	5.254	7258586	10652899	6038.608	8460.977 #
20)	L4 AR-1242-5	6.184	5.647	17666187	12370522	4067.647	3654.674
21)	L5 AR-1248-1	5.840	4.827	5284952	4303168	950.082	641.593 #
22)	L5 AR-1248-2	6.422	5.385	23720362	9312467	3898.329	732.554 #
23)	L5 AR-1248-3	6.422	5.411	23720362	10046414	2955.279	1119.155 #
24)	L5 AR-1248-4	6.488	5.598	28389108	8444239	3702.162	1040.492 #
25)	L5 AR-1248-5	6.689	5.945	32815275	9715271	6261.523	1549.070 #
26)	L6 AR-1254-1	6.639	5.530	19031061	17862523	1221.770	1347.191
27)	L6 AR-1254-2	6.920	5.840	5237951	7111132	516.216	609.296
28)	L6 AR-1254-3	7.013	6.157	11200729	2436097	625.098	164.948 #
29)	L6 AR-1254-4	7.292	6.477	7274113	637378	526.091	57.035 #
30)	L6 AR-1254-5	7.556	6.570	3383819	5377418	335.203	256.885
31)	L7 AR-1260-1	7.168	6.059	11159572	12645339	892.528	932.147
32)	L7 AR-1260-2	7.427	6.245	6805264	7430591	490.482	438.110
33)	L7 AR-1260-3	7.711	6.397	4008588	4082202	267.036	254.031
34)	L7 AR-1260-4	8.011	6.866	1988031	3287809	198.678	247.115
35)	L7 AR-1260-5	8.328	7.106	4757746	6666041	233.888	216.835
36)	L8 AR-1262-1	7.064	5.945	10025166	9715271	1524.026	1296.753
37)	L8 AR-1262-2	7.844	6.661	882844	2061034	171.855	273.391 #
38)	L8 AR-1262-3	8.092	6.963	811351	1886773	159.551	229.616 #
39)	L8 AR-1262-4	8.707	7.414	1266921	29331248	117.226	2373.391 #
40)	L8 AR-1262-5	9.373	7.941	1114206	1336147	136.303	131.503
41)	L9 AR-1268-1	7.786	6.609	1774554	3480434	347.011	458.757 #

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 ALS Vial : 8 Sample Multiplier: 1

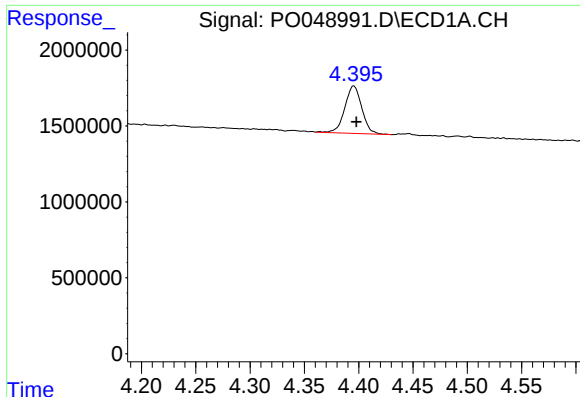
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 22:55:56 2018
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 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	8.011	7.447	1988031	16631514	324.928	500.101 #
43) L9	AR-1268-3	8.652	7.658	2441715	194319	93.146	7.119 #
44) L9	AR-1268-4	8.926	7.815	140076	691956	6.495	89.328 #
45) L9	AR-1268-5	9.780	8.218	370754	435453	5.014	6.141

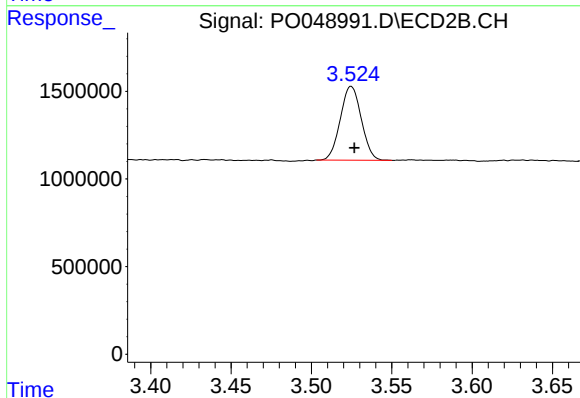
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

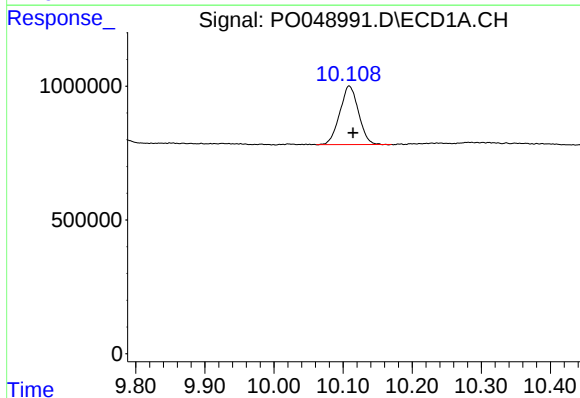
R.T.: 4.395 min
Delta R.T.: -0.003 min
Response: 3406974
Conc: 20.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



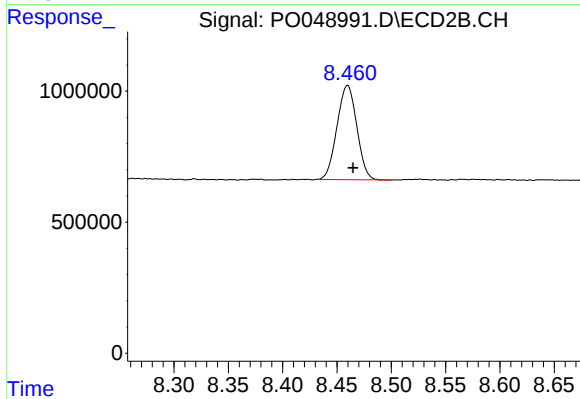
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 3829209
Conc: 20.99 ng/ml



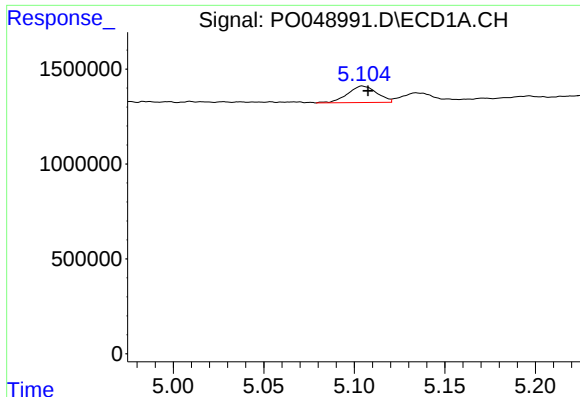
#2 Decachlorobiphenyl

R.T.: 10.109 min
Delta R.T.: -0.006 min
Response: 4118507
Conc: 18.49 ng/ml



#2 Decachlorobiphenyl

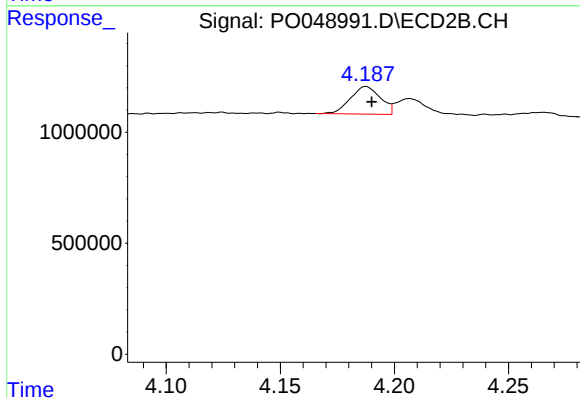
R.T.: 8.460 min
Delta R.T.: -0.005 min
Response: 4563007
Conc: 24.59 ng/ml



#3 AR-1016-1

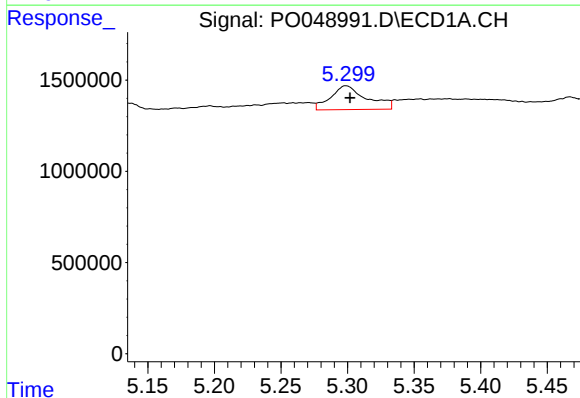
R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 985702
Conc: 217.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



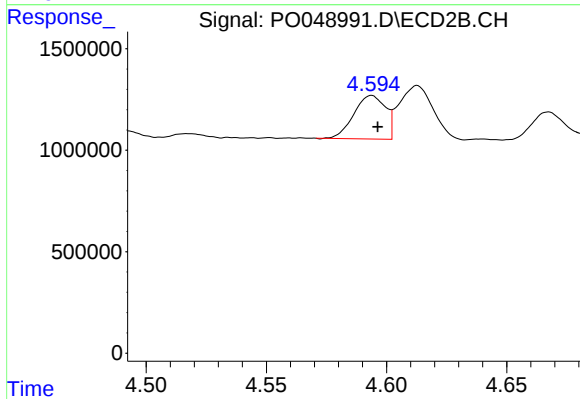
#3 AR-1016-1

R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 1138818
Conc: 224.31 ng/ml



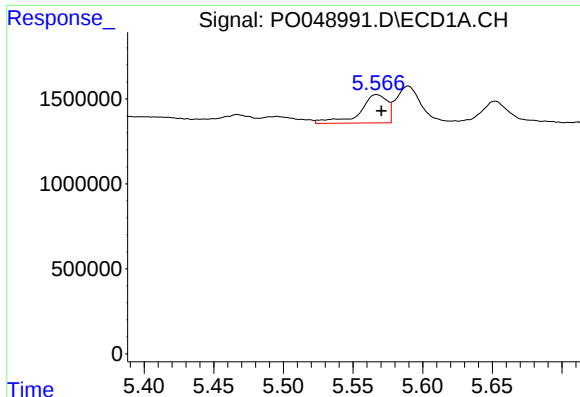
#4 AR-1016-2

R.T.: 5.299 min
Delta R.T.: -0.003 min
Response: 2461455
Conc: 518.77 ng/ml



#4 AR-1016-2

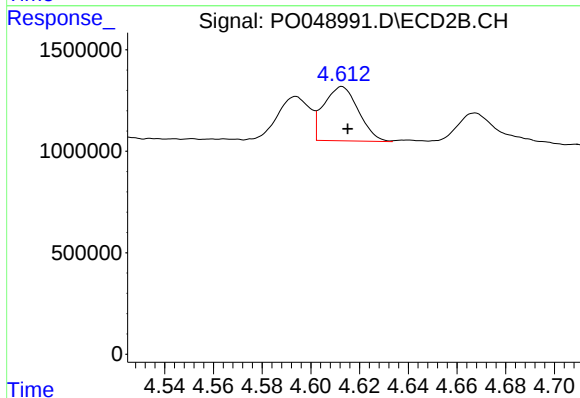
R.T.: 4.594 min
Delta R.T.: -0.003 min
Response: 1955065
Conc: 252.52 ng/ml



#5 AR-1016-3

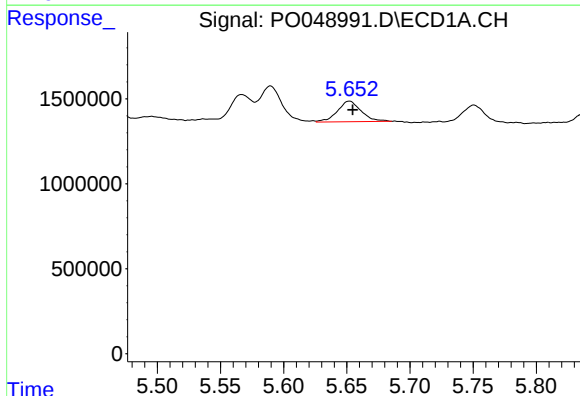
R.T.: 5.567 min
Delta R.T.: -0.003 min
Response: 2290037
Conc: 316.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



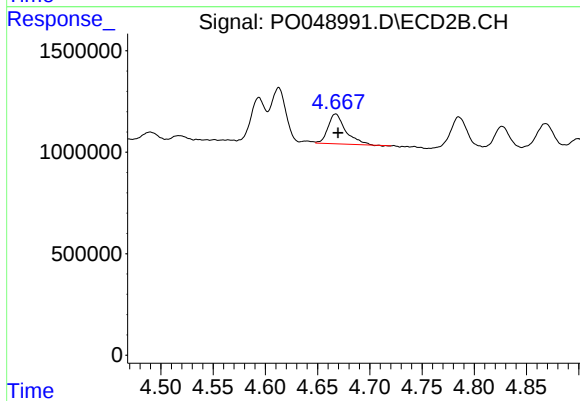
#5 AR-1016-3

R.T.: 4.613 min
Delta R.T.: -0.002 min
Response: 2643669
Conc: 255.92 ng/ml



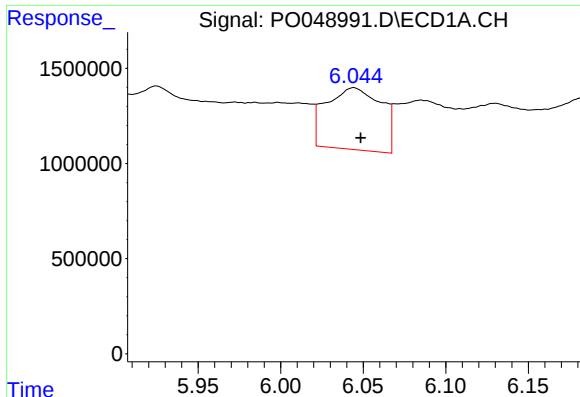
#6 AR-1016-4

R.T.: 5.652 min
Delta R.T.: -0.003 min
Response: 1604863
Conc: 255.26 ng/ml



#6 AR-1016-4

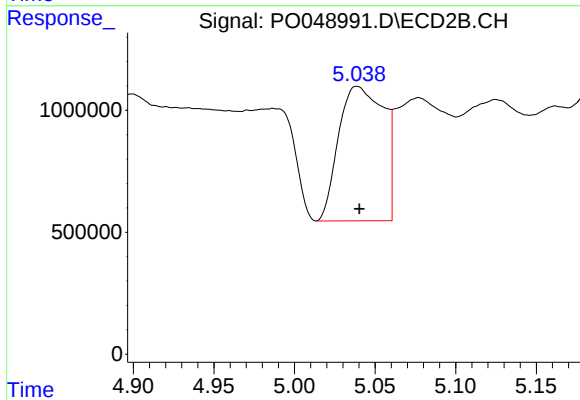
R.T.: 4.667 min
Delta R.T.: -0.002 min
Response: 1735294
Conc: 233.41 ng/ml



#7 AR-1016-5

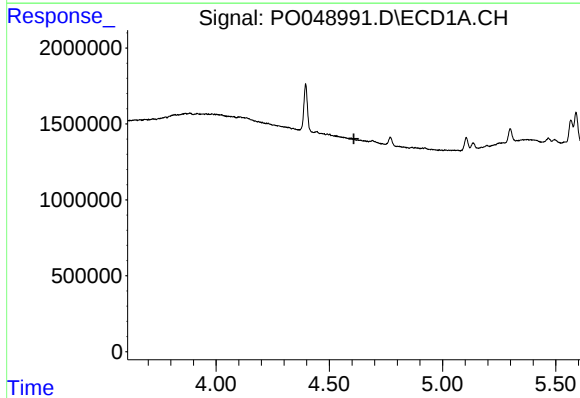
R.T.: 6.044 min
Delta R.T.: -0.004 min
Response: 7537250
Conc: 1417.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



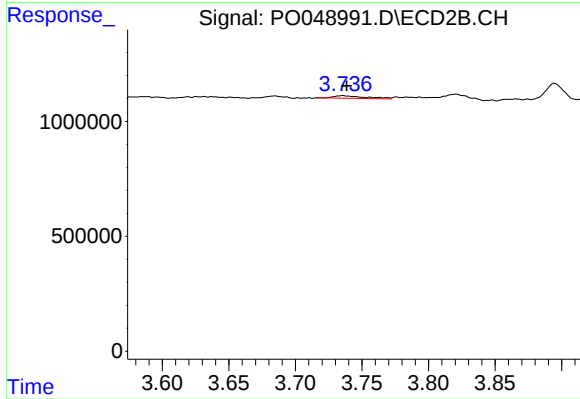
#7 AR-1016-5

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 10735544
Conc: 1547.47 ng/ml



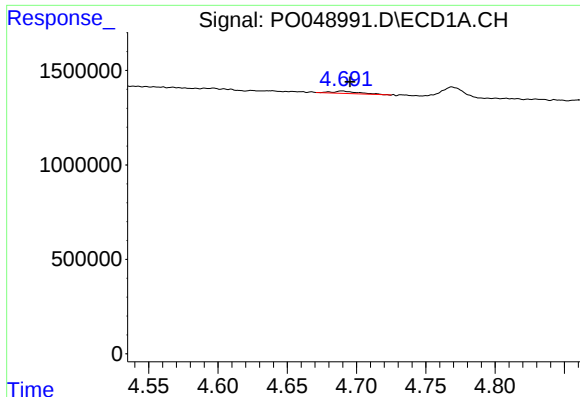
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.609 min
Response: 0
Conc: N.D.



#8 AR-1221-1

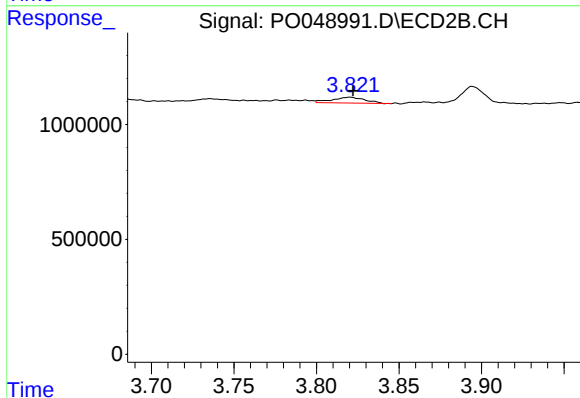
R.T.: 3.736 min
Delta R.T.: -0.003 min
Response: 186739
Conc: 91.96 ng/ml



#9 AR-1221-2

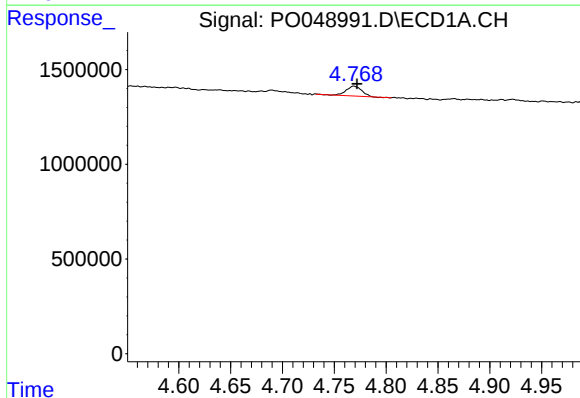
R.T.: 4.690 min
Delta R.T.: -0.006 min
Response: 154260
Conc: 112.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



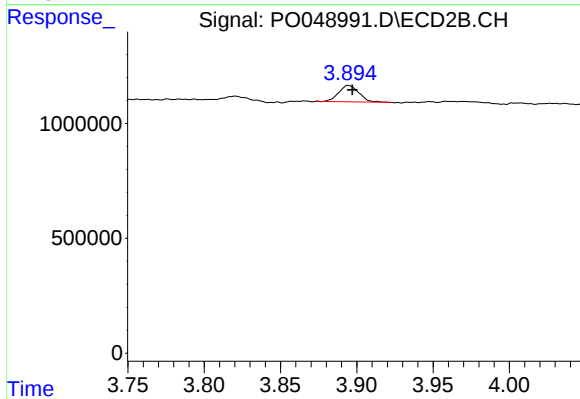
#9 AR-1221-2

R.T.: 3.820 min
Delta R.T.: -0.002 min
Response: 348866
Conc: 225.70 ng/ml



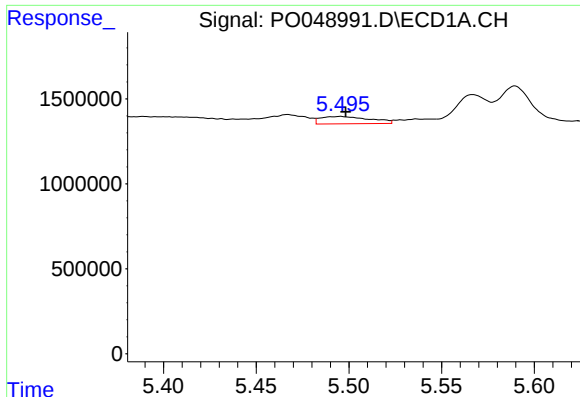
#10 AR-1221-3

R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 527990
Conc: 116.75 ng/ml



#10 AR-1221-3

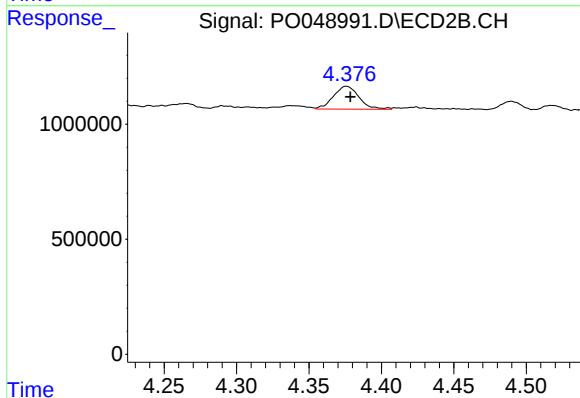
R.T.: 3.895 min
Delta R.T.: -0.002 min
Response: 657780
Conc: 138.00 ng/ml



#11 AR-1232-1

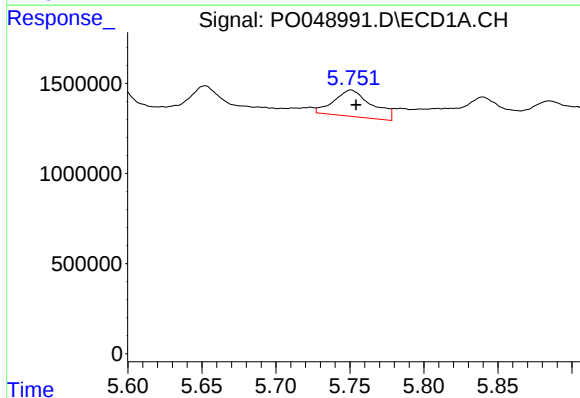
R.T.: 5.495 min
Delta R.T.: -0.003 min
Response: 796562
Conc: 2200.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



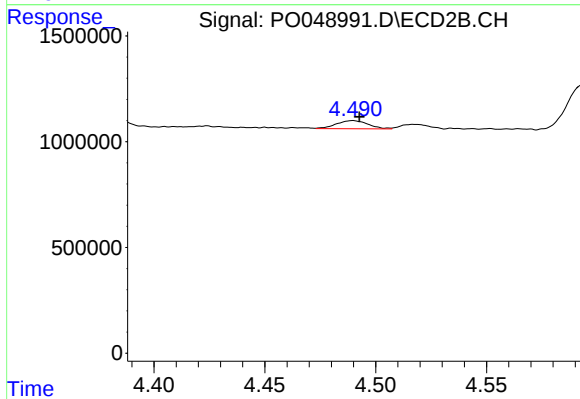
#11 AR-1232-1

R.T.: 4.376 min
Delta R.T.: -0.003 min
Response: 1225143
Conc: 618.28 ng/ml



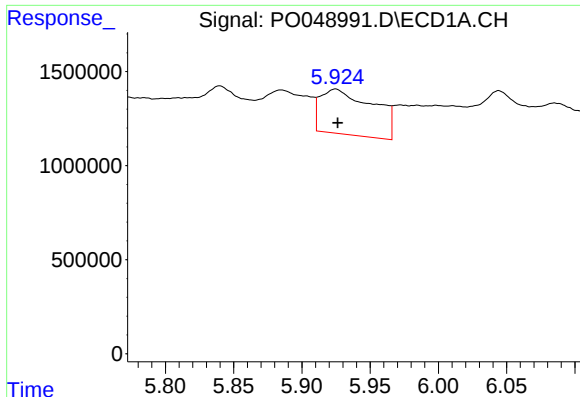
#12 AR-1232-2

R.T.: 5.751 min
Delta R.T.: -0.003 min
Response: 2609911
Conc: 1359.30 ng/ml



#12 AR-1232-2

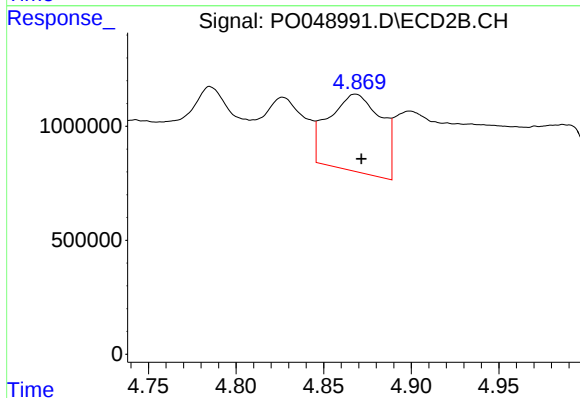
R.T.: 4.490 min
Delta R.T.: -0.003 min
Response: 379812
Conc: 560.94 ng/ml



#13 AR-1232-3

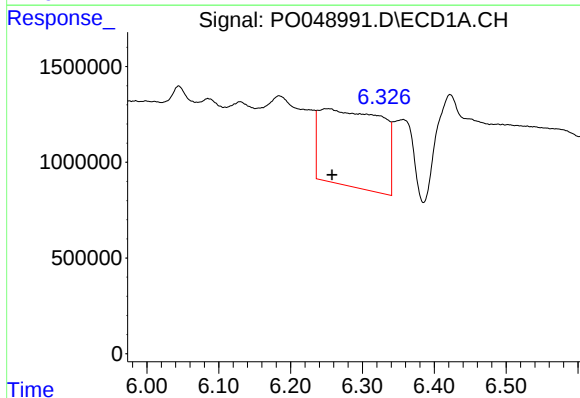
R.T.: 5.925 min
Delta R.T.: -0.002 min
Response: 6460215
Conc: 11978.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



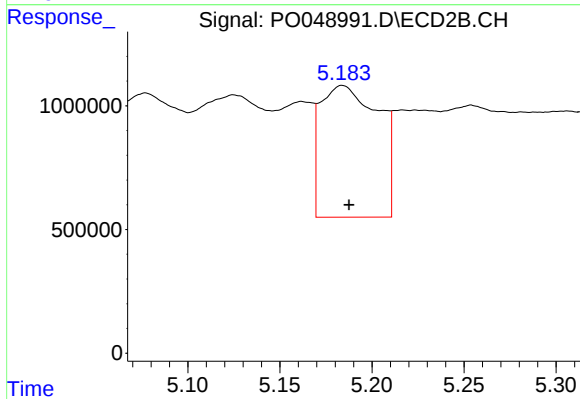
#13 AR-1232-3

R.T.: 4.868 min
Delta R.T.: -0.003 min
Response: 7044243
Conc: 3753.96 ng/ml



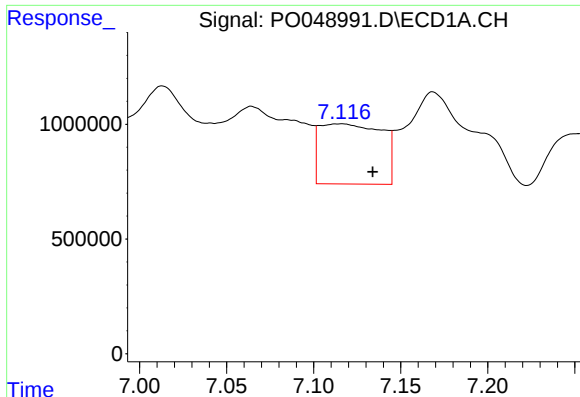
#14 AR-1232-4

R.T.: 6.253 min
Delta R.T.: -0.005 min
Response: 24246607
Conc: 50369.17 ng/ml



#14 AR-1232-4

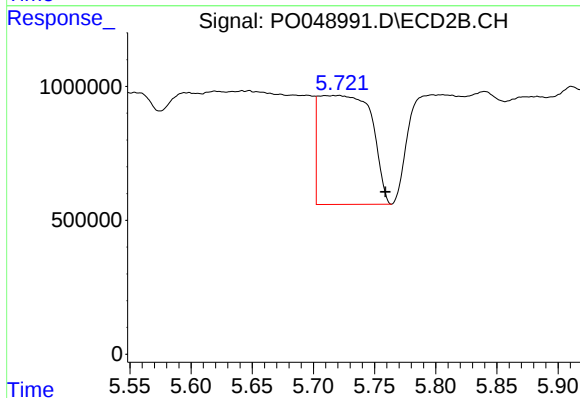
R.T.: 5.184 min
Delta R.T.: -0.004 min
Response: 11685565
Conc: 5572.59 ng/ml



#15 AR-1232-5

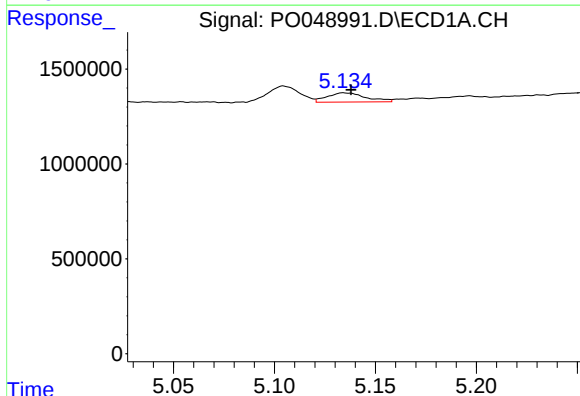
R.T.: 7.116 min
Delta R.T.: -0.018 min
Response: 6506069
Conc: 21062.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



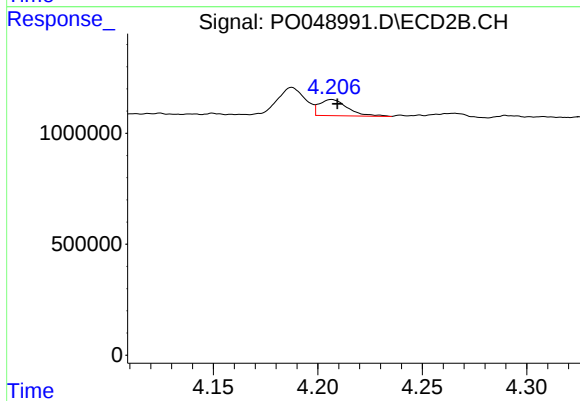
#15 AR-1232-5

R.T.: 5.721 min
Delta R.T.: -0.038 min
Response: 12126093
Conc: 47617.35 ng/ml



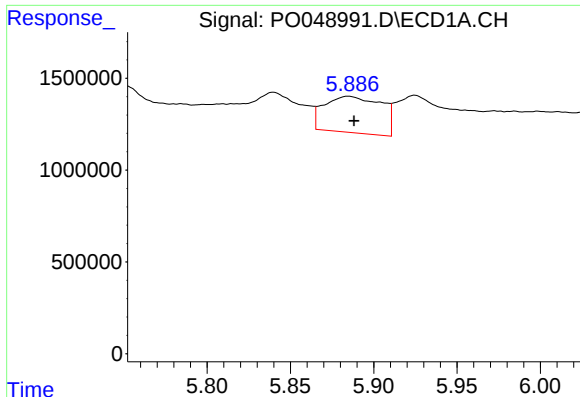
#16 AR-1242-1

R.T.: 5.135 min
Delta R.T.: -0.003 min
Response: 652141
Conc: 390.17 ng/ml



#16 AR-1242-1

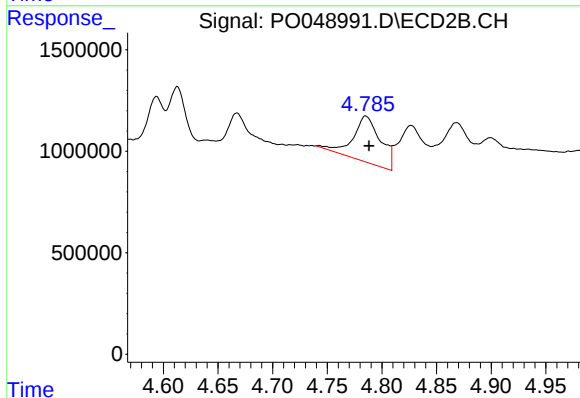
R.T.: 4.207 min
Delta R.T.: -0.003 min
Response: 691746
Conc: 366.42 ng/ml



#17 AR-1242-2

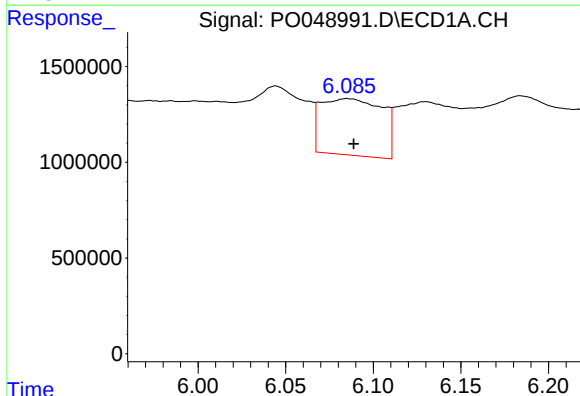
R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 4721390
Conc: 1450.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



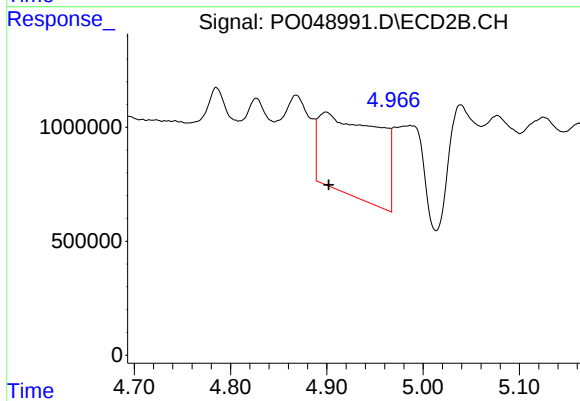
#17 AR-1242-2

R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 3982110
Conc: 957.44 ng/ml



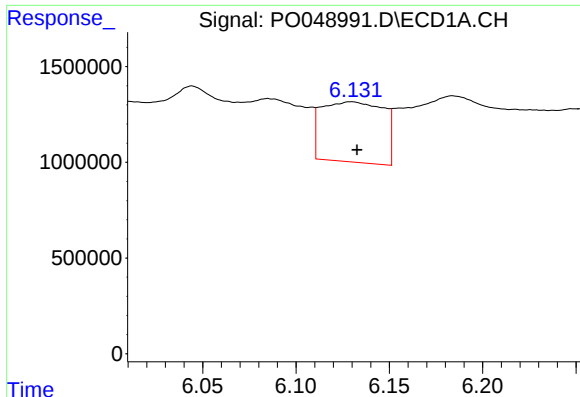
#18 AR-1242-3

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 7177837
Conc: 4574.55 ng/ml



#18 AR-1242-3

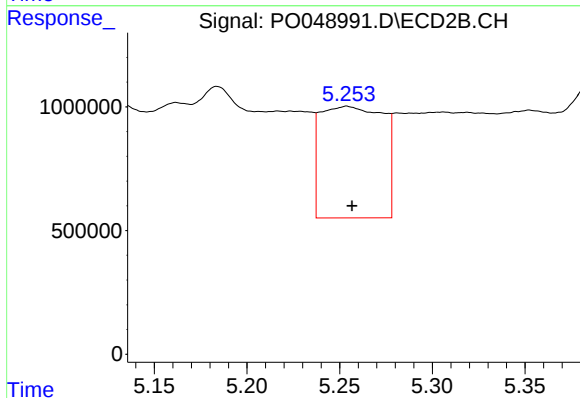
R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 15166486
Conc: 10362.91 ng/ml



#19 AR-1242-4

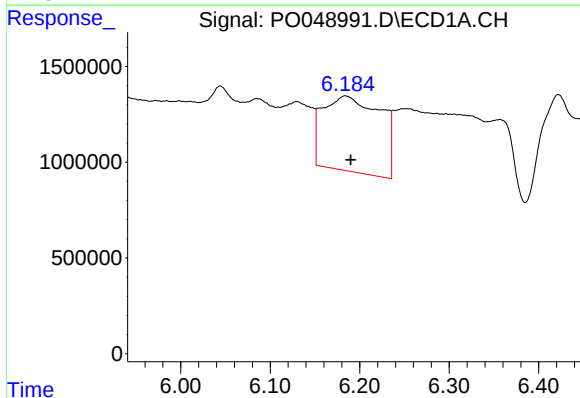
R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 7258586
Conc: 6038.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



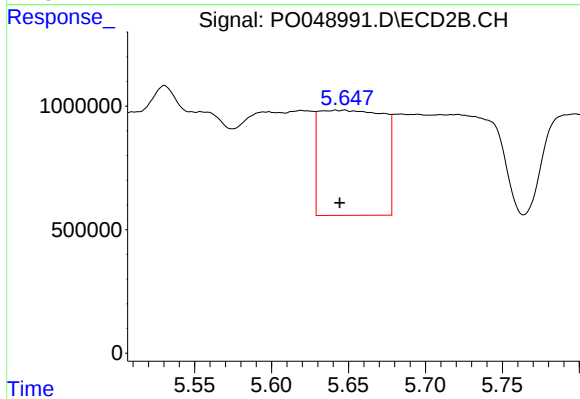
#19 AR-1242-4

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 10652899
Conc: 8460.98 ng/ml



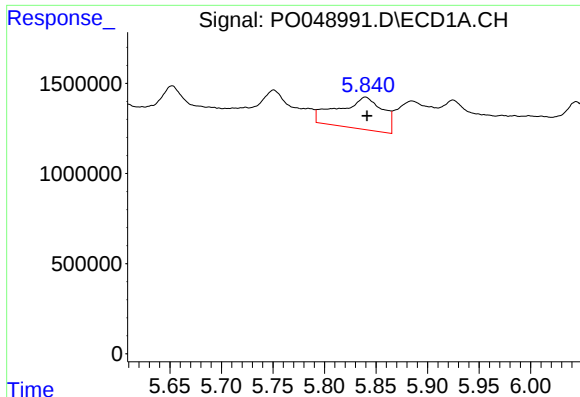
#20 AR-1242-5

R.T.: 6.184 min
Delta R.T.: -0.006 min
Response: 17666187
Conc: 4067.65 ng/ml



#20 AR-1242-5

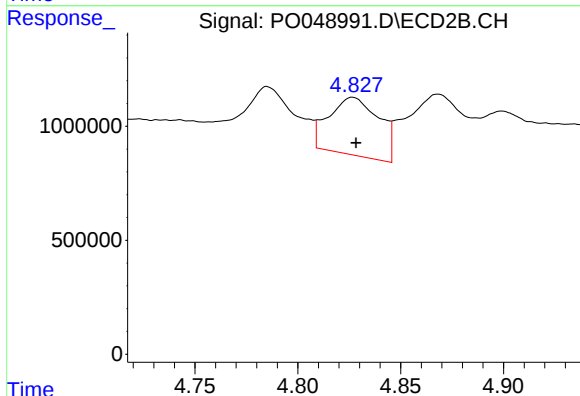
R.T.: 5.647 min
Delta R.T.: 0.003 min
Response: 12370522
Conc: 3654.67 ng/ml



#21 AR-1248-1

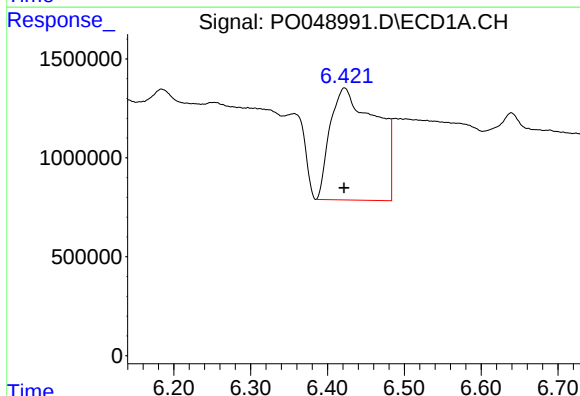
R.T.: 5.840 min
Delta R.T.: -0.002 min
Response: 5284952
Conc: 950.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



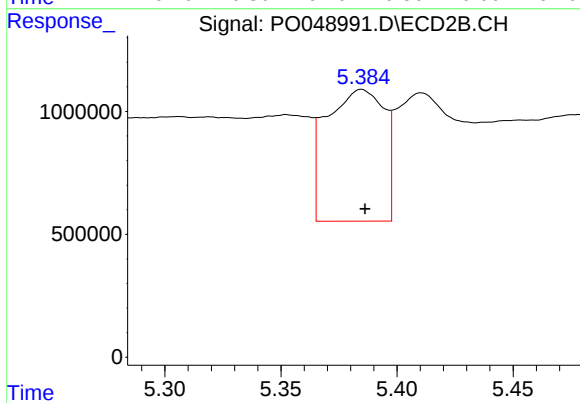
#21 AR-1248-1

R.T.: 4.827 min
Delta R.T.: -0.002 min
Response: 4303168
Conc: 641.59 ng/ml



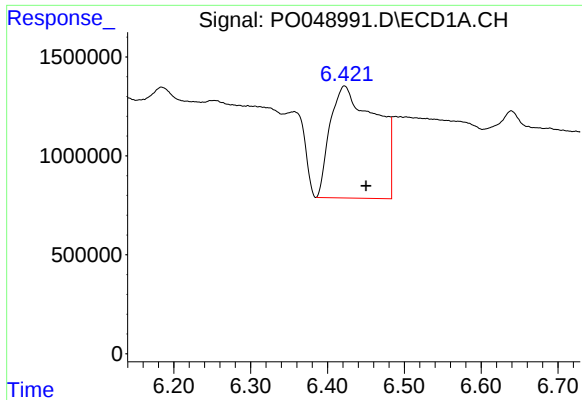
#22 AR-1248-2

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 23720362
Conc: 3898.33 ng/ml



#22 AR-1248-2

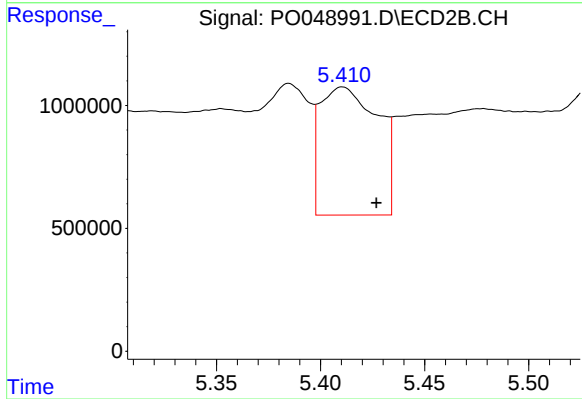
R.T.: 5.385 min
Delta R.T.: -0.001 min
Response: 9312467
Conc: 732.55 ng/ml



#23 AR-1248-3

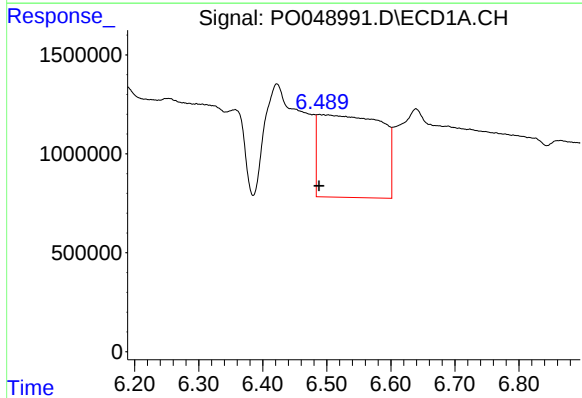
R.T.: 6.422 min
Delta R.T.: -0.028 min
Response: 23720362
Conc: 2955.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



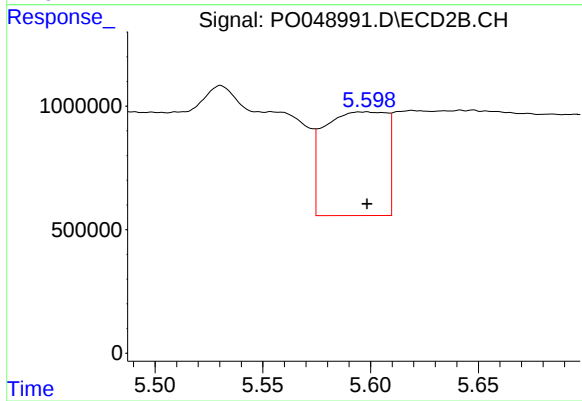
#23 AR-1248-3

R.T.: 5.411 min
Delta R.T.: -0.016 min
Response: 10046414
Conc: 1119.15 ng/ml



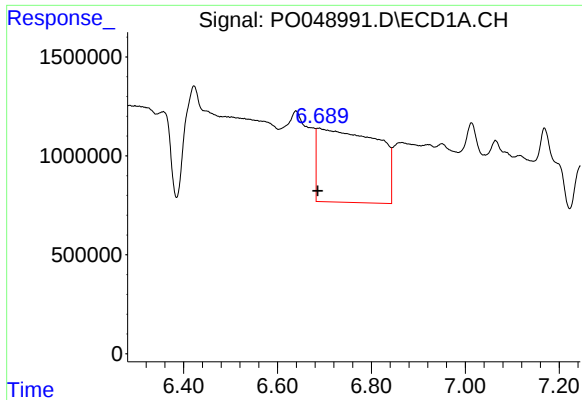
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 28389108
Conc: 3702.16 ng/ml



#24 AR-1248-4

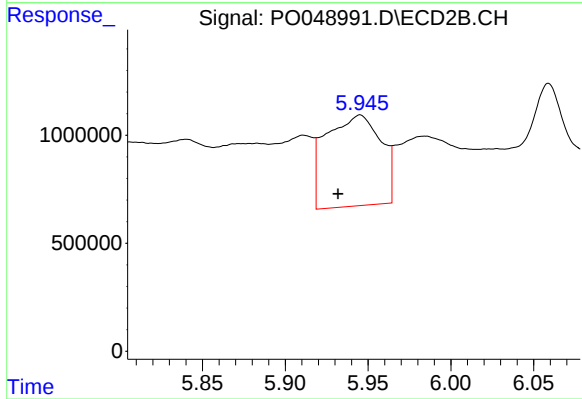
R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 8444239
Conc: 1040.49 ng/ml



#25 AR-1248-5

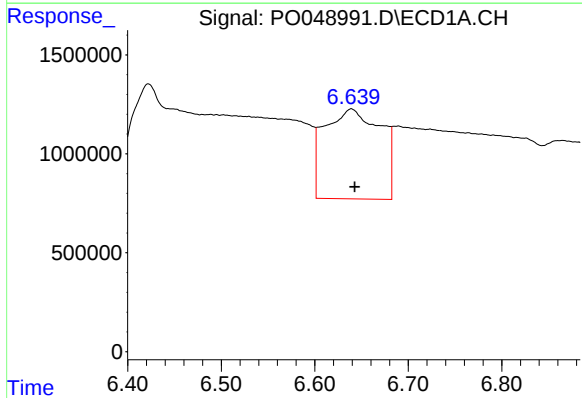
R.T.: 6.689 min
Delta R.T.: 0.003 min
Response: 32815275
Conc: 6261.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



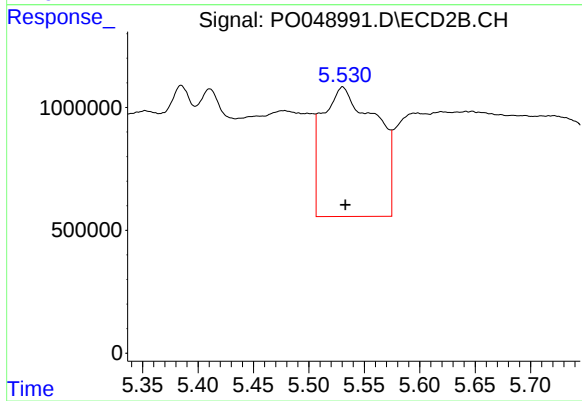
#25 AR-1248-5

R.T.: 5.945 min
Delta R.T.: 0.013 min
Response: 9715271
Conc: 1549.07 ng/ml



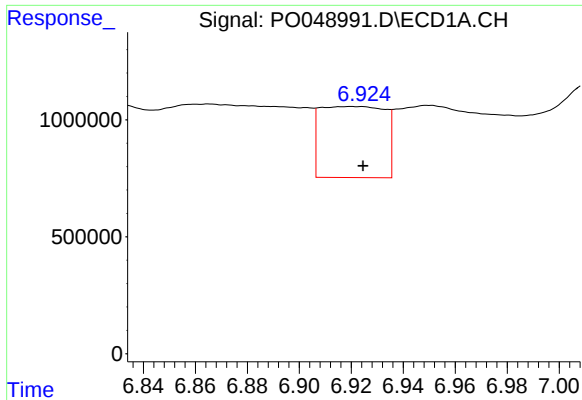
#26 AR-1254-1

R.T.: 6.639 min
Delta R.T.: -0.004 min
Response: 19031061
Conc: 1221.77 ng/ml



#26 AR-1254-1

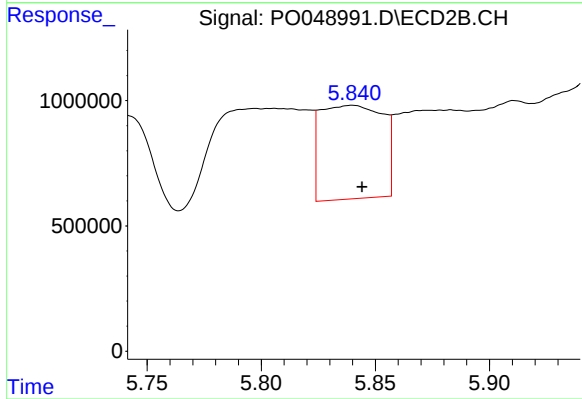
R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 17862523
Conc: 1347.19 ng/ml



#27 AR-1254-2

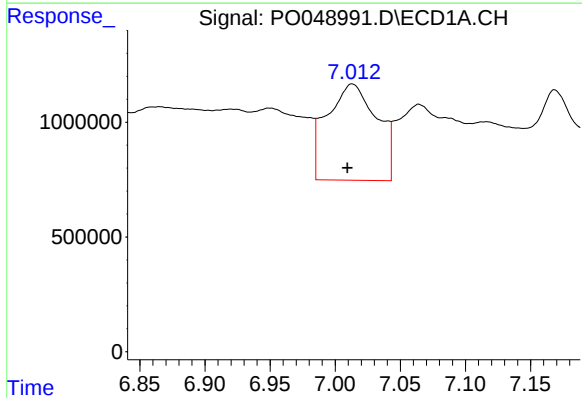
R.T.: 6.920 min
Delta R.T.: -0.005 min
Response: 5237951
Conc: 516.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



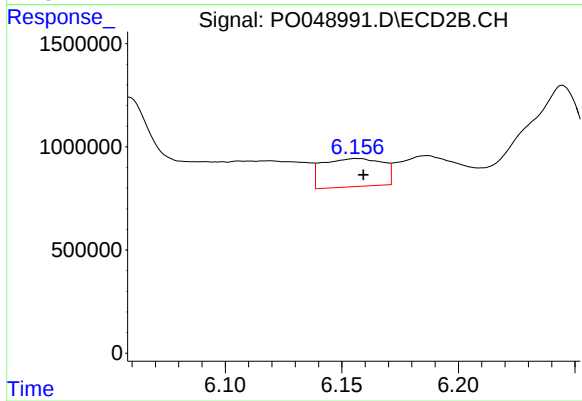
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: -0.004 min
Response: 7111132
Conc: 609.30 ng/ml



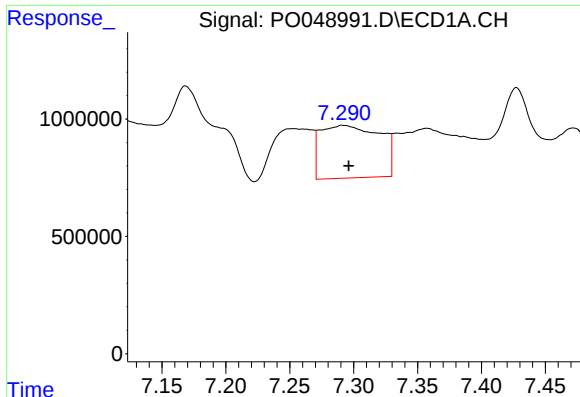
#28 AR-1254-3

R.T.: 7.013 min
Delta R.T.: 0.004 min
Response: 11200729
Conc: 625.10 ng/ml



#28 AR-1254-3

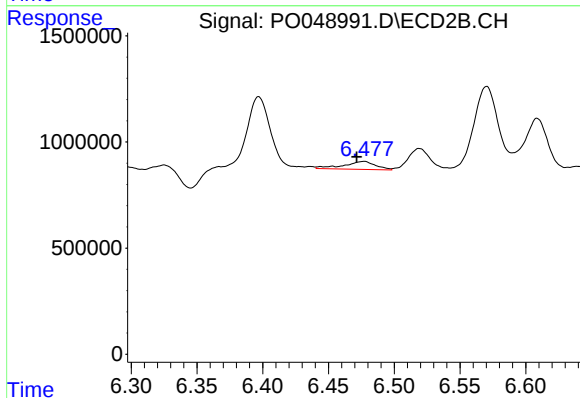
R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 2436097
Conc: 164.95 ng/ml



#29 AR-1254-4

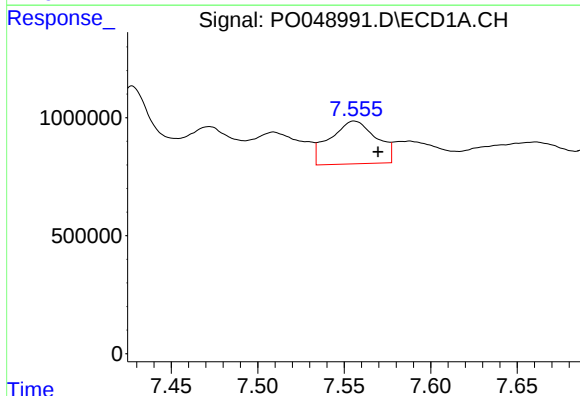
R.T.: 7.292 min
Delta R.T.: -0.004 min
Response: 7274113
Conc: 526.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



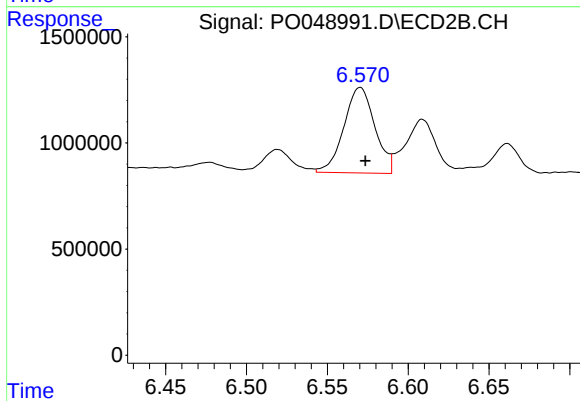
#29 AR-1254-4

R.T.: 6.477 min
Delta R.T.: 0.006 min
Response: 637378
Conc: 57.03 ng/ml



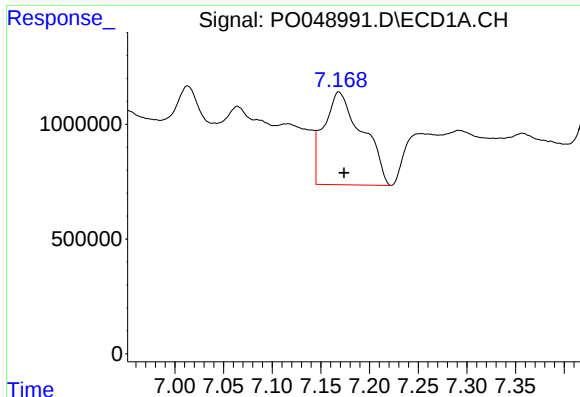
#30 AR-1254-5

R.T.: 7.556 min
Delta R.T.: -0.014 min
Response: 3383819
Conc: 335.20 ng/ml



#30 AR-1254-5

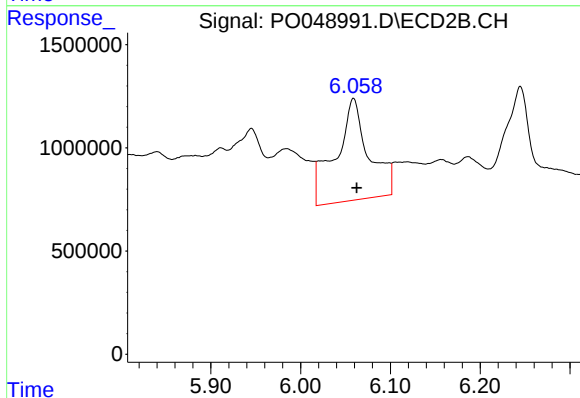
R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 5377418
Conc: 256.88 ng/ml



#31 AR-1260-1

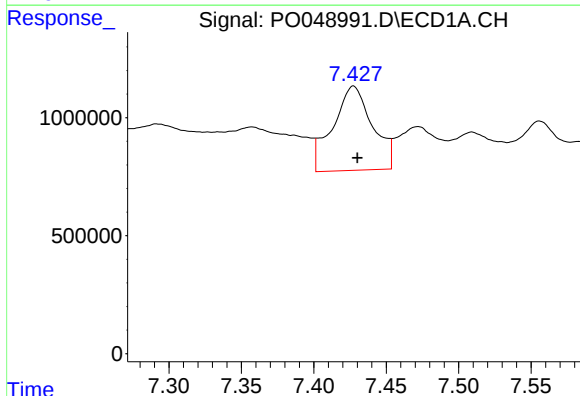
R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 11159572
Conc: 892.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



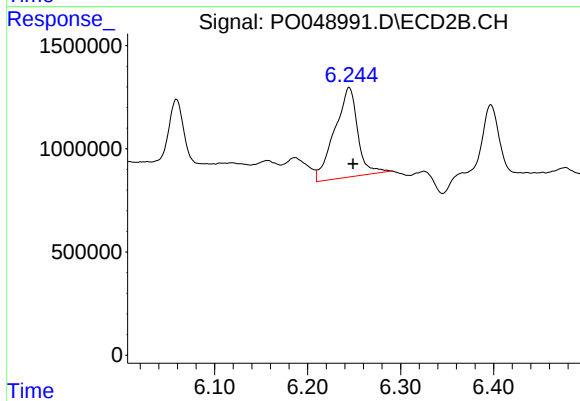
#31 AR-1260-1

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 12645339
Conc: 932.15 ng/ml



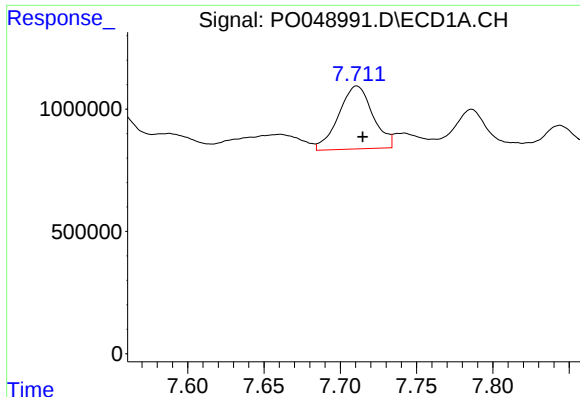
#32 AR-1260-2

R.T.: 7.427 min
Delta R.T.: -0.003 min
Response: 6805264
Conc: 490.48 ng/ml



#32 AR-1260-2

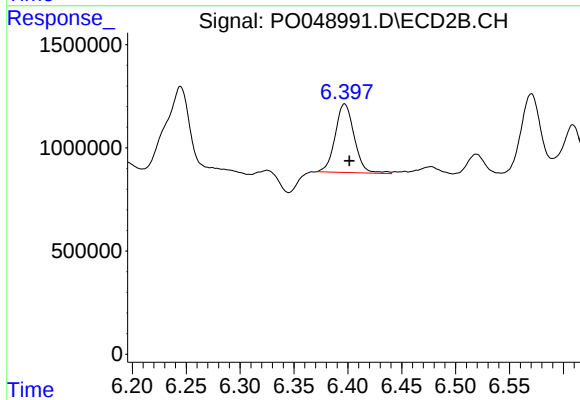
R.T.: 6.245 min
Delta R.T.: -0.004 min
Response: 7430591
Conc: 438.11 ng/ml



#33 AR-1260-3

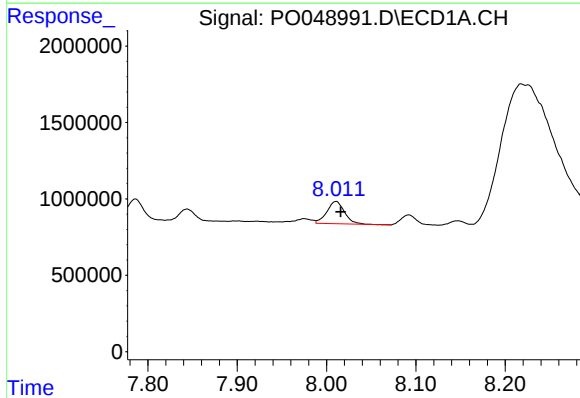
R.T.: 7.711 min
Delta R.T.: -0.004 min
Response: 4008588
Conc: 267.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



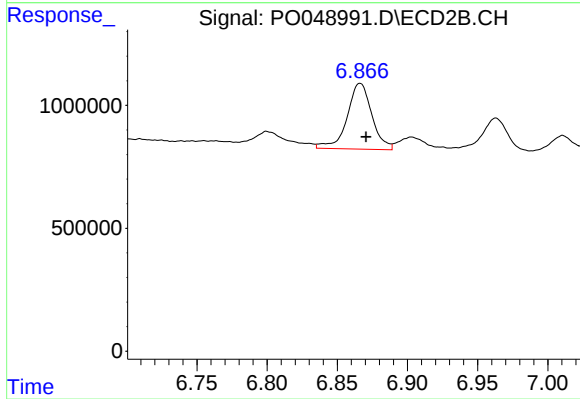
#33 AR-1260-3

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 4082202
Conc: 254.03 ng/ml



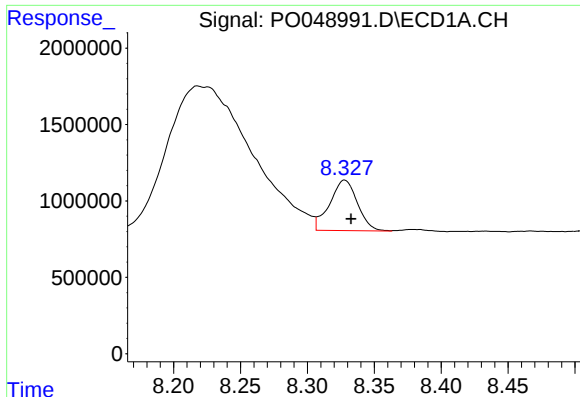
#34 AR-1260-4

R.T.: 8.011 min
Delta R.T.: -0.005 min
Response: 1988031
Conc: 198.68 ng/ml



#34 AR-1260-4

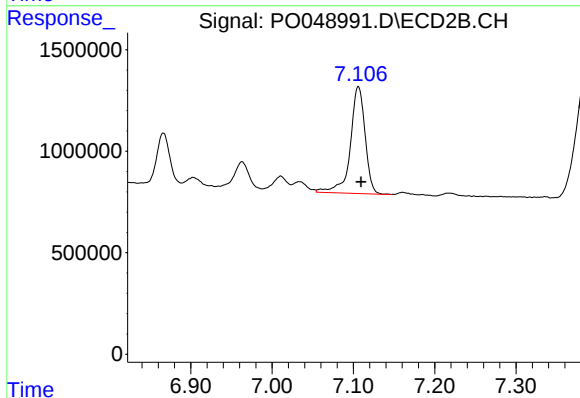
R.T.: 6.866 min
Delta R.T.: -0.004 min
Response: 3287809
Conc: 247.12 ng/ml



#35 AR-1260-5

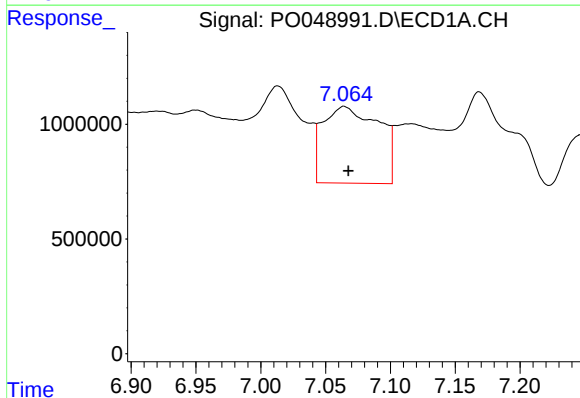
R.T.: 8.328 min
Delta R.T.: -0.005 min
Response: 4757746
Conc: 233.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



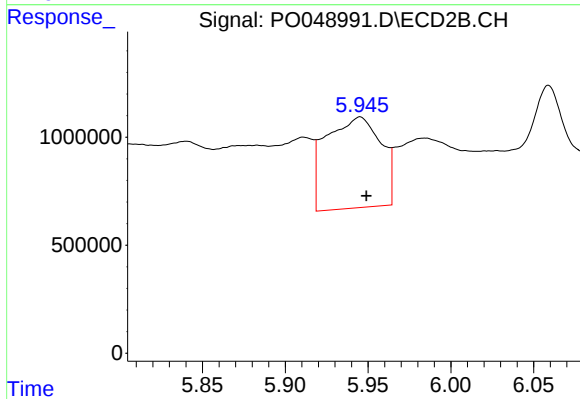
#35 AR-1260-5

R.T.: 7.106 min
Delta R.T.: -0.003 min
Response: 6666041
Conc: 216.84 ng/ml



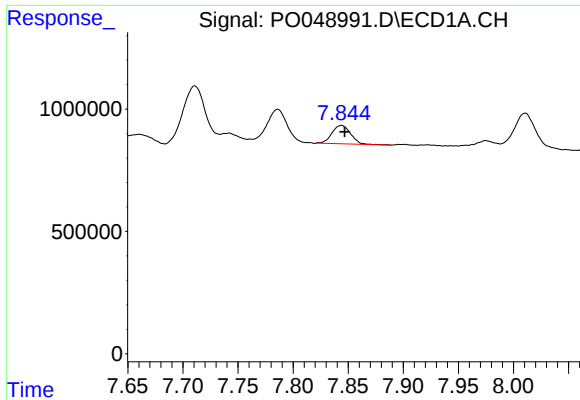
#36 AR-1262-1

R.T.: 7.064 min
Delta R.T.: -0.003 min
Response: 10025166
Conc: 1524.03 ng/ml



#36 AR-1262-1

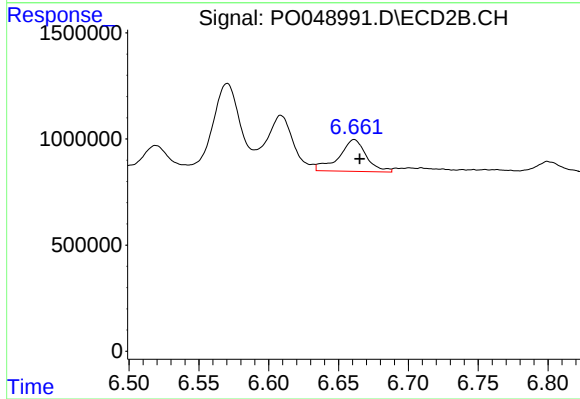
R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 9715271
Conc: 1296.75 ng/ml



#37 AR-1262-2

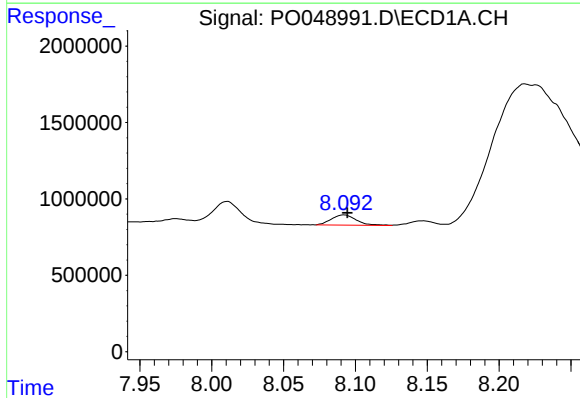
R.T.: 7.844 min
Delta R.T.: -0.003 min
Response: 882844
Conc: 171.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



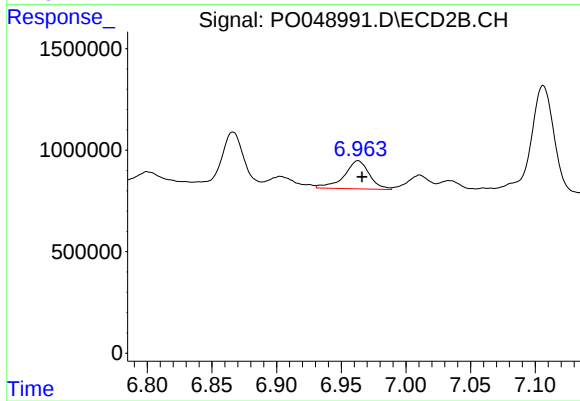
#37 AR-1262-2

R.T.: 6.661 min
Delta R.T.: -0.004 min
Response: 2061034
Conc: 273.39 ng/ml



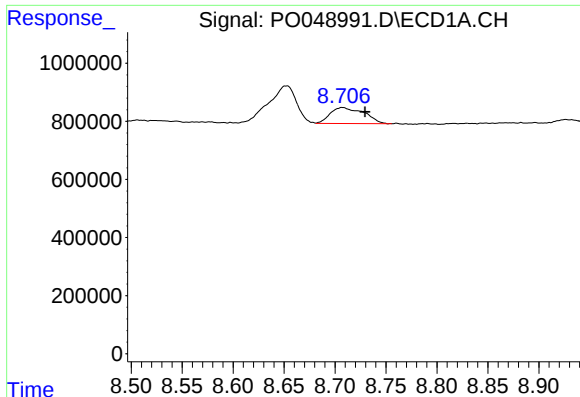
#38 AR-1262-3

R.T.: 8.092 min
Delta R.T.: -0.002 min
Response: 811351
Conc: 159.55 ng/ml



#38 AR-1262-3

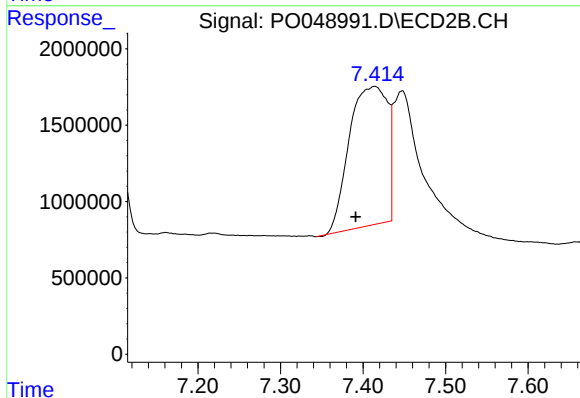
R.T.: 6.963 min
Delta R.T.: -0.003 min
Response: 1886773
Conc: 229.62 ng/ml



#39 AR-1262-4

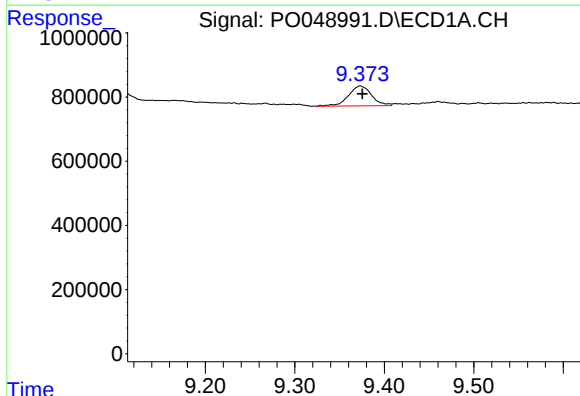
R.T.: 8.707 min
Delta R.T.: -0.022 min
Response: 1266921
Conc: 117.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



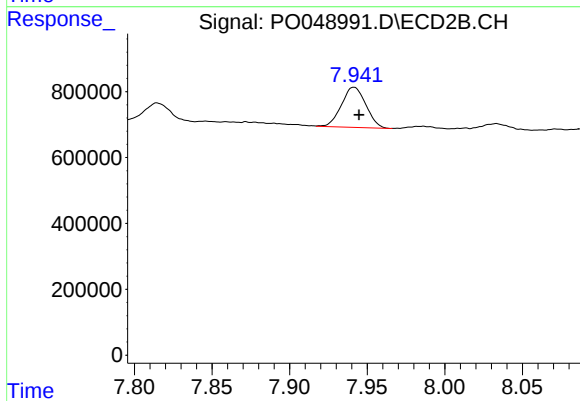
#39 AR-1262-4

R.T.: 7.414 min
Delta R.T.: 0.023 min
Response: 29331248
Conc: 2373.39 ng/ml



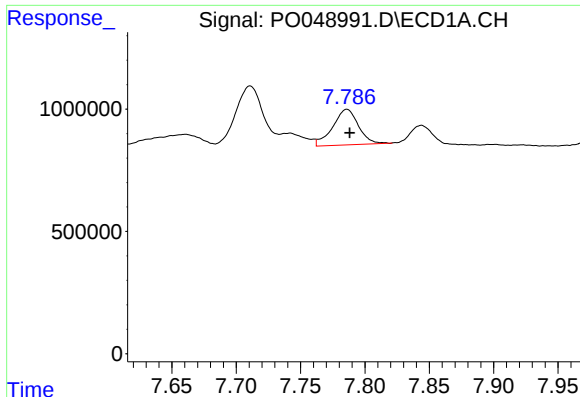
#40 AR-1262-5

R.T.: 9.373 min
Delta R.T.: -0.003 min
Response: 1114206
Conc: 136.30 ng/ml



#40 AR-1262-5

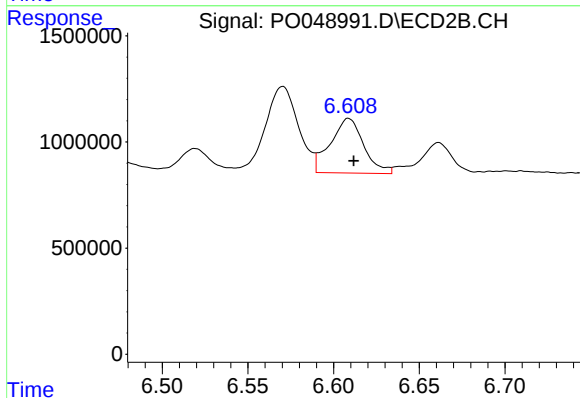
R.T.: 7.941 min
Delta R.T.: -0.003 min
Response: 1336147
Conc: 131.50 ng/ml



#41 AR-1268-1

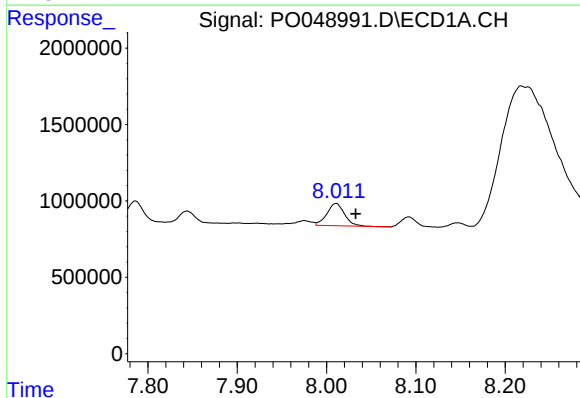
R.T.: 7.786 min
Delta R.T.: -0.002 min
Response: 1774554
Conc: 347.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



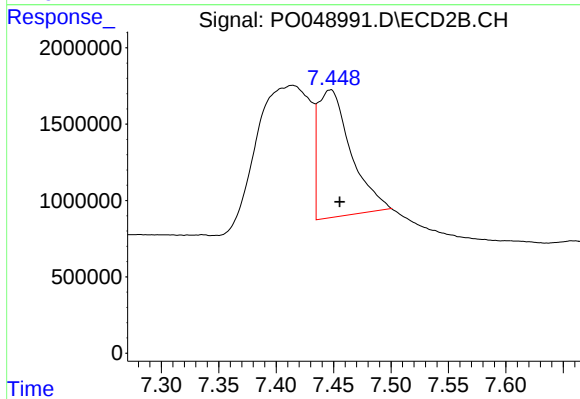
#41 AR-1268-1

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 3480434
Conc: 458.76 ng/ml



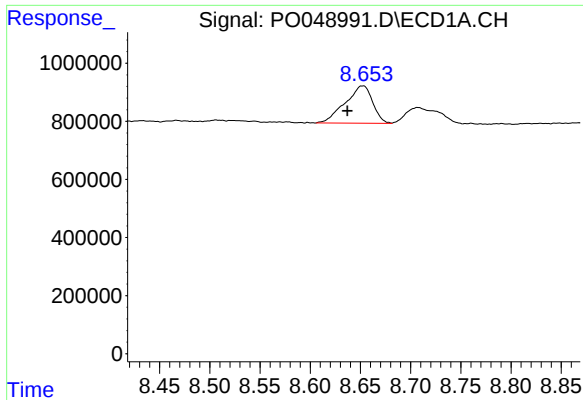
#42 AR-1268-2

R.T.: 8.011 min
Delta R.T.: -0.022 min
Response: 1988031
Conc: 324.93 ng/ml



#42 AR-1268-2

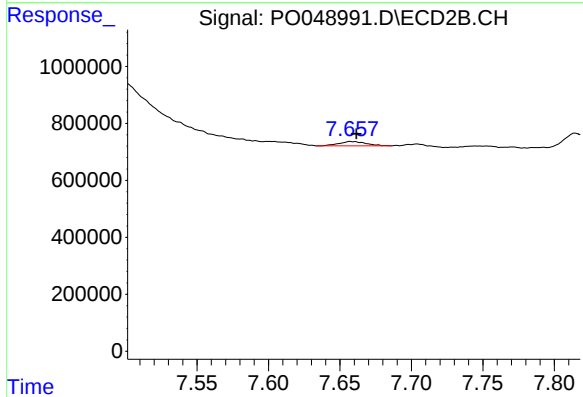
R.T.: 7.447 min
Delta R.T.: -0.008 min
Response: 16631514
Conc: 500.10 ng/ml



#43 AR-1268-3

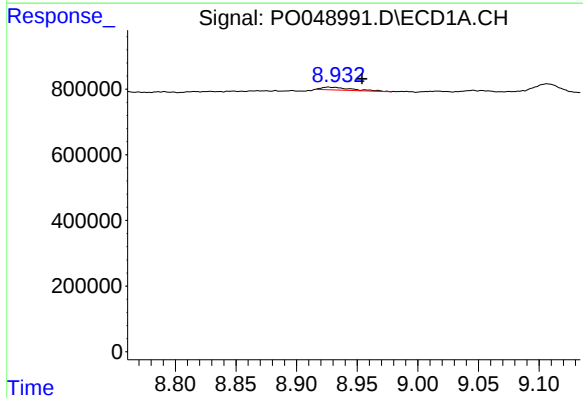
R.T.: 8.652 min
Delta R.T.: 0.015 min
Response: 2441715
Conc: 93.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



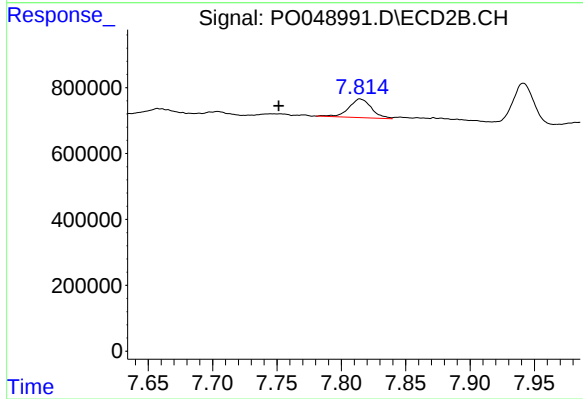
#43 AR-1268-3

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 194319
Conc: 7.12 ng/ml



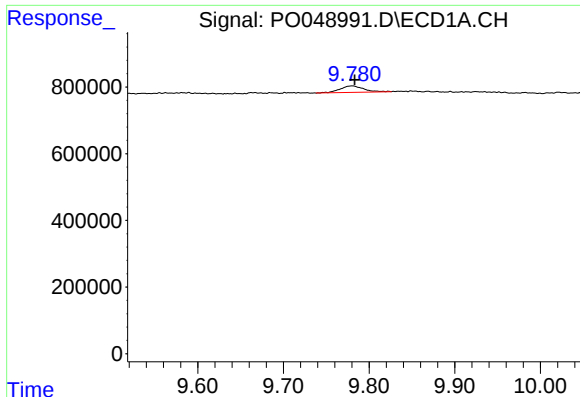
#44 AR-1268-4

R.T.: 8.926 min
Delta R.T.: -0.028 min
Response: 140076
Conc: 6.49 ng/ml



#44 AR-1268-4

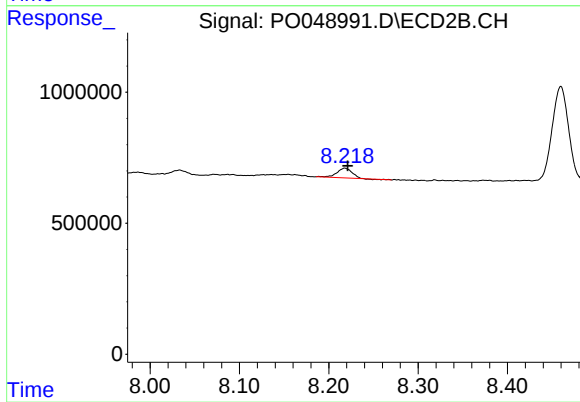
R.T.: 7.815 min
Delta R.T.: 0.063 min
Response: 691956
Conc: 89.33 ng/ml



#45 AR-1268-5

R.T.: 9.780 min
Delta R.T.: -0.003 min
Response: 370754
Conc: 5.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 435453
Conc: 6.14 ng/ml