

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011921\
 Data File : P0074945.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Jan 2021 15:00
 Operator : AJ/MA
 Sample : M1108-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S12-04-C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 03:46:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 12 06:02:45 2021
 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...	4.927	4.001	2157004	1198771	20.442	21.311
2)	SA Decachlor...	10.942	9.253	5877847	2749310	57.914	50.074
Target Compounds							
3)	L1 AR-1016-1	0.000	5.265	0	32089	N.D.	14.029 #
4)	L1 AR-1016-2	6.303f	5.265	92680	32089	16.274	10.155 #
5)	L1 AR-1016-3	0.000	5.455	0	34146	N.D.	19.893 #
6)	L1 AR-1016-4	0.000	5.506	0	112244	N.D.	79.865 #
7)	L1 AR-1016-5	6.764	5.733	96221	40063	35.181	23.298 #
8)	L2 AR-1221-1	5.182	4.246f	174185	47842	141.810	67.334 #
9)	L2 AR-1221-2	0.000	4.349	0	31617	N.D.	59.161 #
10)	L2 AR-1221-3	5.380	0.000	57790	0	20.513	N.D. #
11)	L3 AR-1232-1	5.380	0.000	57790	0	25.233	N.D. #
12)	L3 AR-1232-2	0.000	5.265	0	32089	N.D.	23.765 #
13)	L3 AR-1232-3	6.303f	5.455	92680	34146	38.410	46.546
14)	L3 AR-1232-4	0.000	5.550	0	49609	N.D.	78.007 #
15)	L3 AR-1232-5	6.544	5.733	231052	40063	283.968	57.694 #
16)	L4 AR-1242-1	0.000	5.265	0	32089	N.D.	17.410 #
17)	L4 AR-1242-2	6.303f	5.265	92680	32089	20.537	12.747 #
18)	L4 AR-1242-3	0.000	5.455	0	34146	N.D.	25.146 #
19)	L4 AR-1242-4	0.000	5.550	0	49609	N.D.	37.958 #
20)	L4 AR-1242-5	7.235	6.111	194698	462749	77.369	264.302 #
21)	L5 AR-1248-1	0.000	5.265	0	32089	N.D.	23.332 #
22)	L5 AR-1248-2	6.544	5.506	231052	112244	74.292	59.725
23)	L5 AR-1248-3	6.764	5.550	96221	49609	26.571	26.281
24)	L5 AR-1248-4	7.193	5.733	235632	40063	52.838	17.787 #
25)	L5 AR-1248-5	7.235	6.147	194698	130888	46.201	55.673
26)	L6 AR-1254-1	7.165	6.111	726068	462749	165.085	128.114
27)	L6 AR-1254-2	7.393	6.269	1376516	536047	202.109	172.001
28)	L6 AR-1254-3	7.776	6.685	1490460	917261	212.488	187.046
29)	L6 AR-1254-4	8.072	6.923	1369334	698080	225.789	201.304
30)	L6 AR-1254-5	8.501	7.348	2280354	1205691	392.560	266.396 #
31)	L7 AR-1260-1	7.942	6.821	776712	625720	155.693	196.133 #
32)	L7 AR-1260-2	8.209	7.017	1567123	643835	230.388	151.453 #
33)	L7 AR-1260-3	8.575	7.169	3034594	521569	529.438	144.741 #
34)	L7 AR-1260-4	8.822	7.647	5775565	2329106	1055.609	743.809 #
35)	L7 AR-1260-5	9.132	7.895	1278962	725105	102.358	91.224
36)	L8 AR-1262-1	8.575	7.348	3034594	1205691	340.806	473.827 #
37)	L8 AR-1262-2	9.132	7.895	1278962	725105	83.536	78.864
38)	L8 AR-1262-3	9.442	8.180	19920066	9006012	1988.866	2277.513
39)	L8 AR-1262-4	9.538	8.245	13038655	6466264	1750.779	976.009 #
40)	L8 AR-1262-5	10.200	8.738	3144596	1558992	601.079	504.949
41)	L9 AR-1268-1	9.442	8.180	19920066	9006012	1066.188	804.486

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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

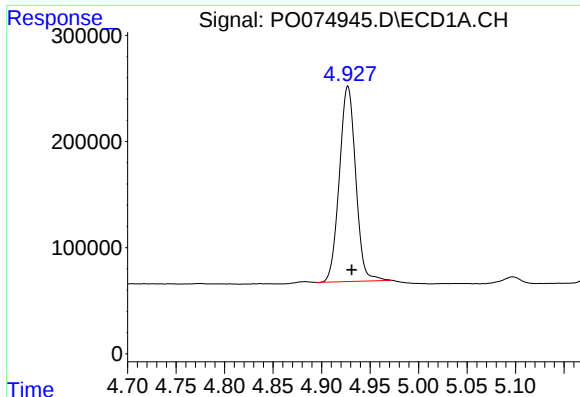
Instrument :
 ECD_O
 ClientSampleId :
 S12-04-C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	9.538	8.245	13038655	6466264	817.218	675.878
43) L9	AR-1268-3	9.763	8.450	14101888	6620845	992.951	796.842
44) L9	AR-1268-4	10.200	8.738	3144596	1558992	536.754	449.387
45) L9	AR-1268-5	10.611	9.014	38872024	18059475	930.215	762.684

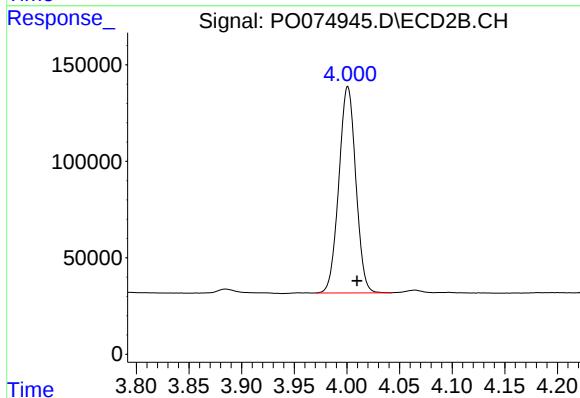
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

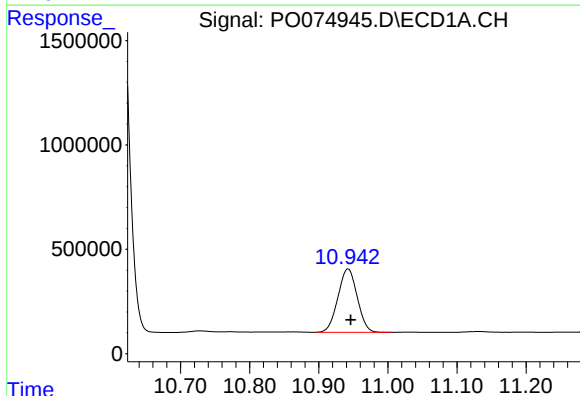
R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 2157004
Conc: 20.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



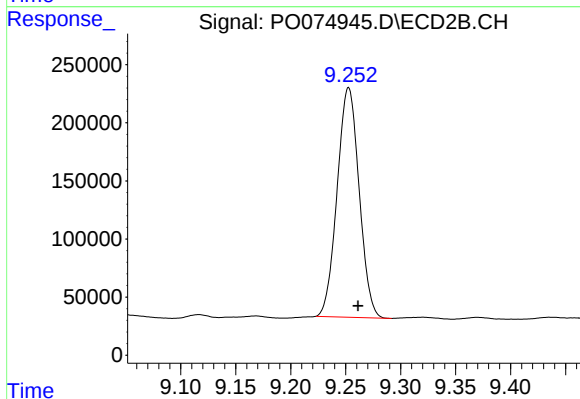
#1 Tetrachloro-m-xylene

R.T.: 4.001 min
Delta R.T.: -0.009 min
Response: 1198771
Conc: 21.31 ng/ml



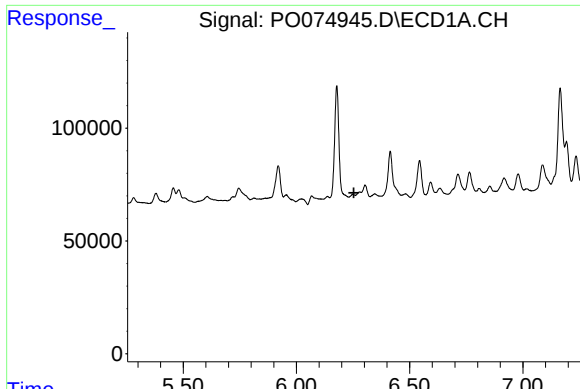
#2 Decachlorobiphenyl

R.T.: 10.942 min
Delta R.T.: -0.004 min
Response: 5877847
Conc: 57.91 ng/ml



#2 Decachlorobiphenyl

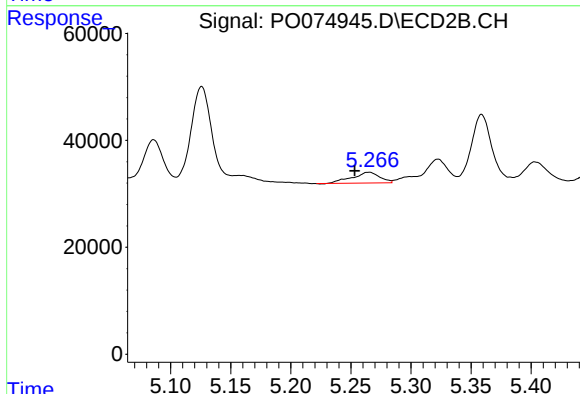
R.T.: 9.253 min
Delta R.T.: -0.009 min
Response: 2749310
Conc: 50.07 ng/ml



#3 AR-1016-1

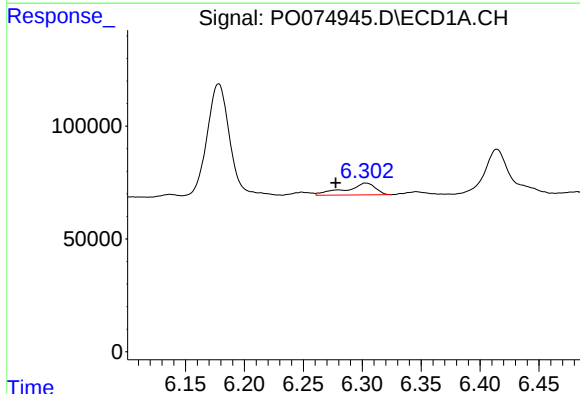
R.T.: 0.000 min
Exp R.T.: 6.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S12-04-C



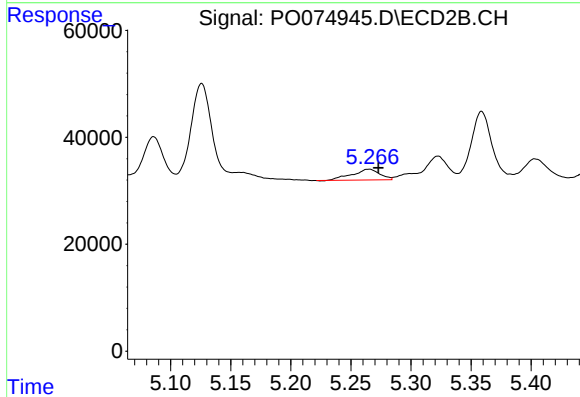
#3 AR-1016-1

R.T.: 5.265 min
Delta R.T.: 0.012 min
Response: 32089
Conc: 14.03 ng/ml



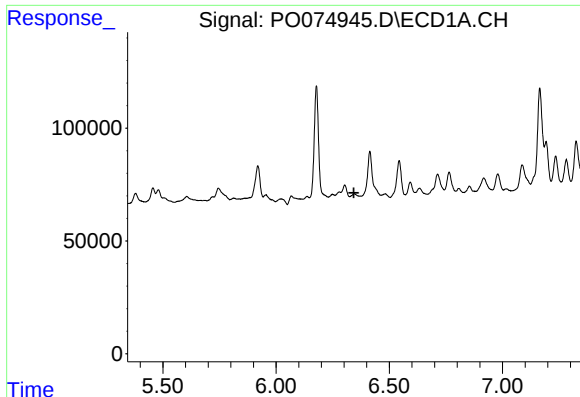
#4 AR-1016-2

R.T.: 6.303 min
Delta R.T.: 0.026 min
Response: 92680
Conc: 16.27 ng/ml



#4 AR-1016-2

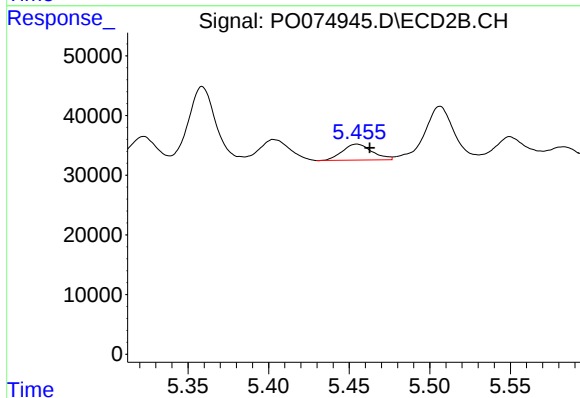
R.T.: 5.265 min
Delta R.T.: -0.008 min
Response: 32089
Conc: 10.16 ng/ml



#5 AR-1016-3

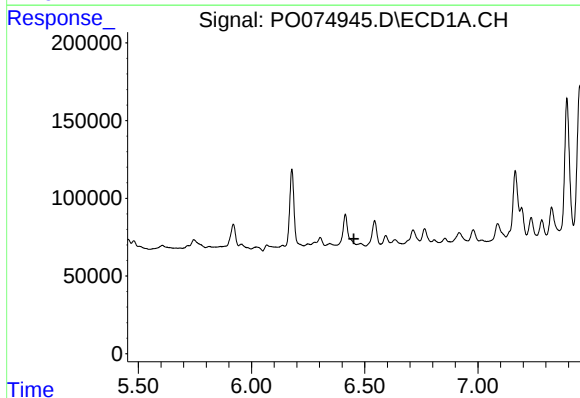
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S12-04-C



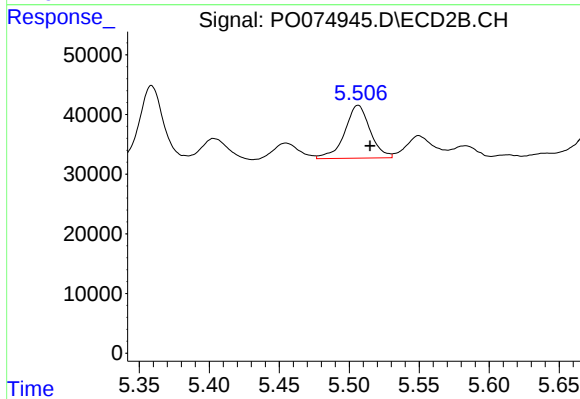
#5 AR-1016-3

R.T.: 5.455 min
Delta R.T.: -0.008 min
Response: 34146
Conc: 19.89 ng/ml



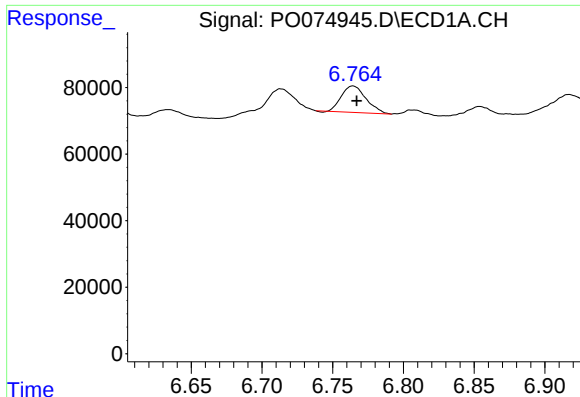
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.452 min
Response: 0
Conc: N.D.



#6 AR-1016-4

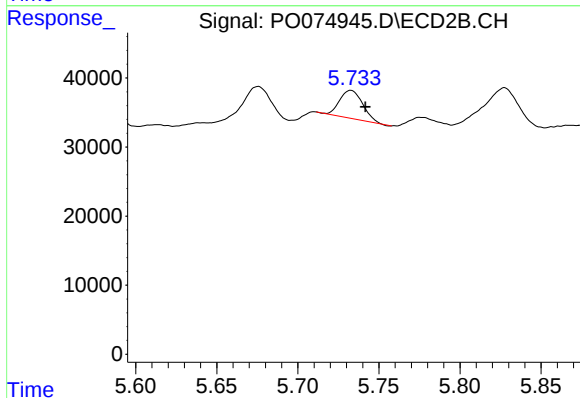
R.T.: 5.506 min
Delta R.T.: -0.009 min
Response: 112244
Conc: 79.87 ng/ml



#7 AR-1016-5

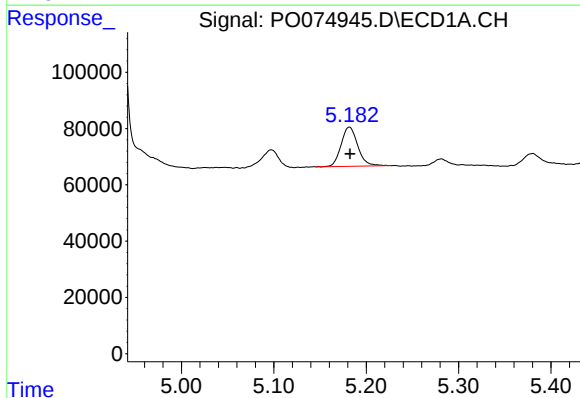
R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 96221
Conc: 35.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



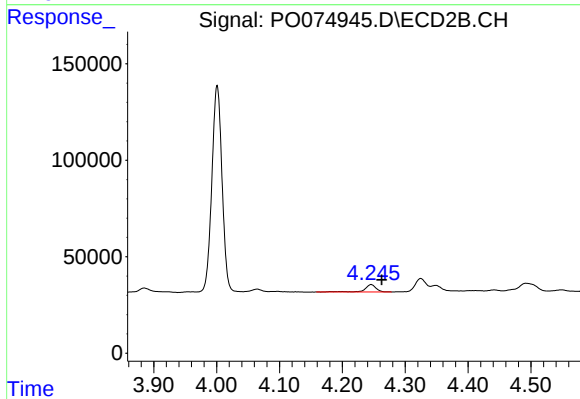
#7 AR-1016-5

R.T.: 5.733 min
Delta R.T.: -0.009 min
Response: 40063
Conc: 23.30 ng/ml



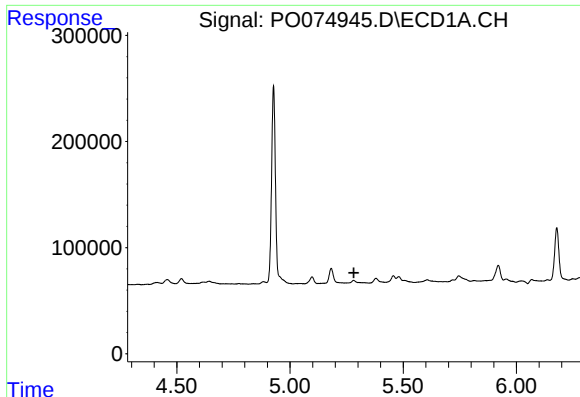
#8 AR-1221-1

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 174185
Conc: 141.81 ng/ml



#8 AR-1221-1

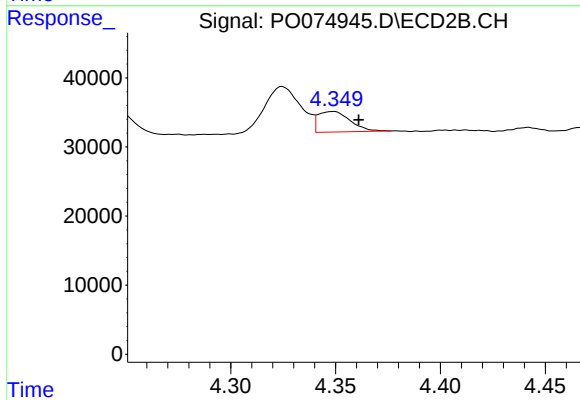
R.T.: 4.246 min
Delta R.T.: -0.017 min
Response: 47842
Conc: 67.33 ng/ml



#9 AR-1221-2

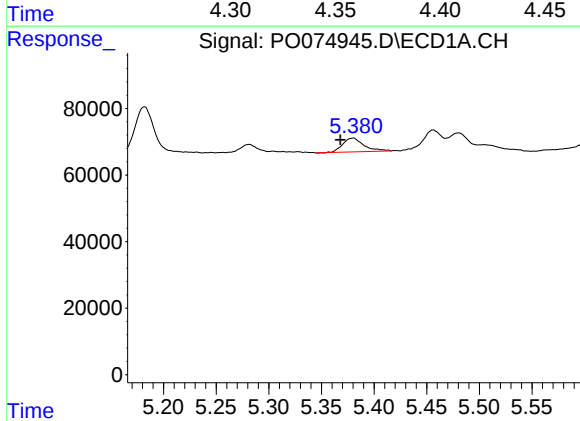
R.T.: 0.000 min
Exp R.T.: 5.282 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S12-04-C



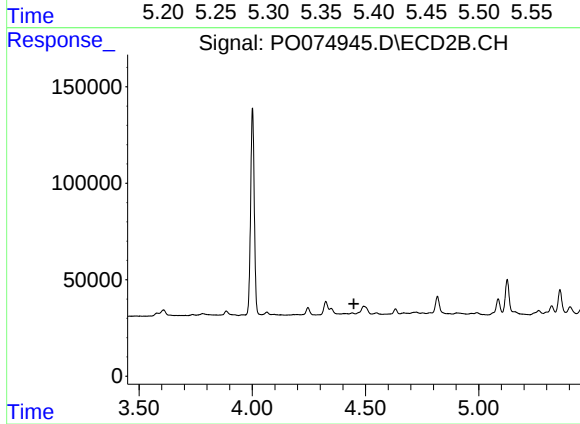
#9 AR-1221-2

R.T.: 4.349 min
Delta R.T.: -0.012 min
Response: 31617
Conc: 59.16 ng/ml



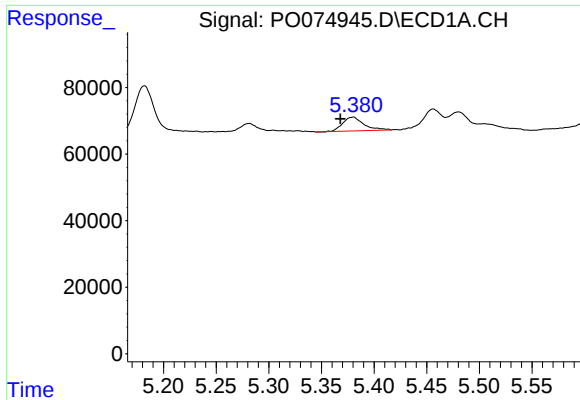
#10 AR-1221-3

R.T.: 5.380 min
Delta R.T.: 0.012 min
Response: 57790
Conc: 20.51 ng/ml



#10 AR-1221-3

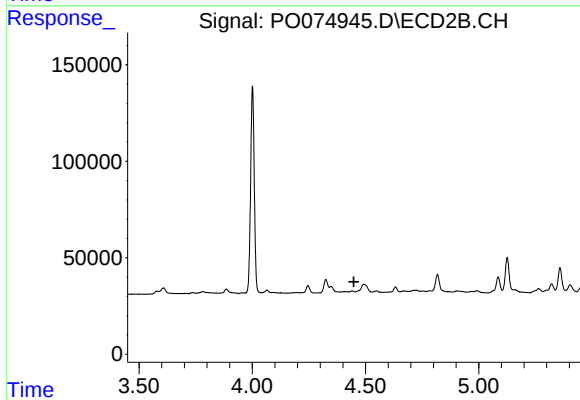
R.T.: 0.000 min
Exp R.T.: 4.449 min
Response: 0
Conc: N.D.



#11 AR-1232-1

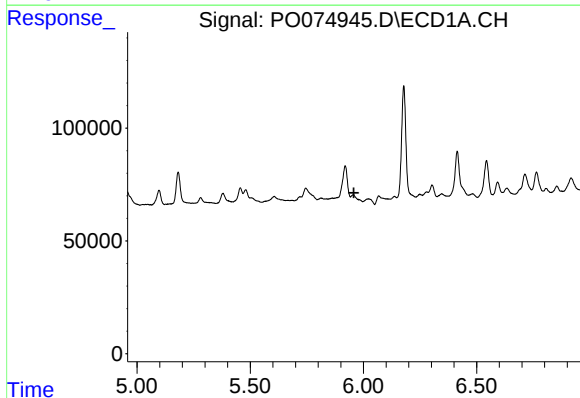
R.T.: 5.380 min
Delta R.T.: 0.012 min
Response: 57790
Conc: 25.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



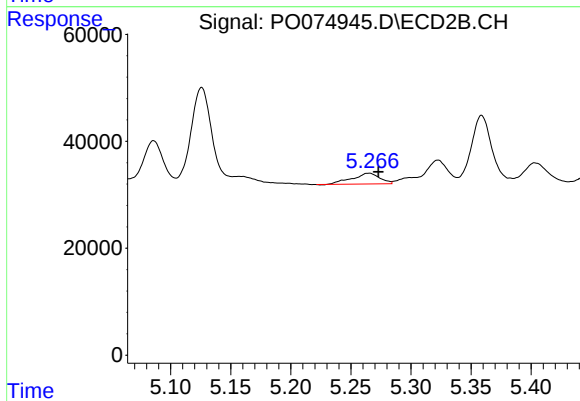
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.448 min
Response: 0
Conc: N.D.



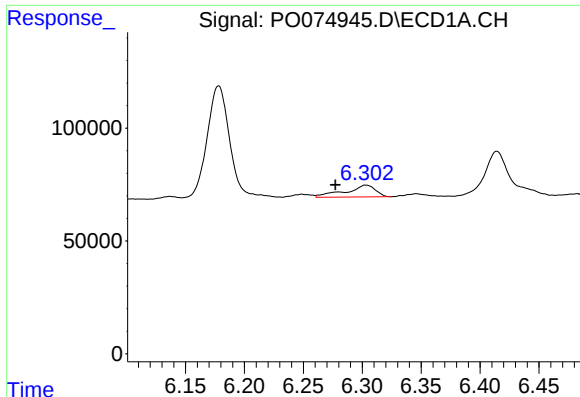
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.958 min
Response: 0
Conc: N.D.



#12 AR-1232-2

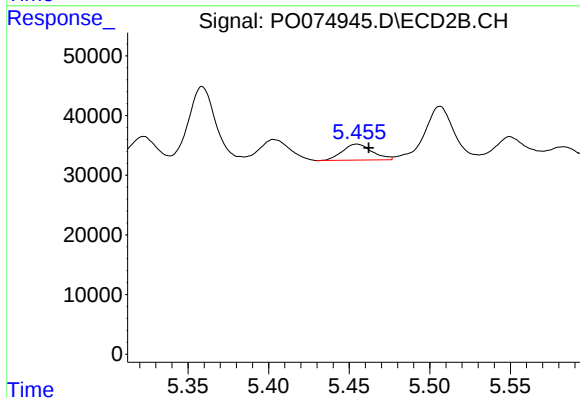
R.T.: 5.265 min
Delta R.T.: -0.008 min
Response: 32089
Conc: 23.76 ng/ml



#13 AR-1232-3

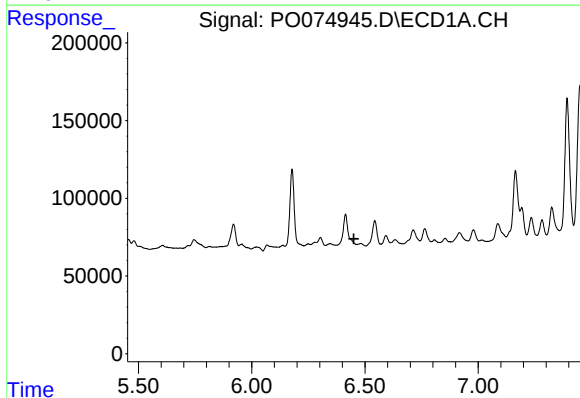
R.T.: 6.303 min
Delta R.T.: 0.026 min
Response: 92680
Conc: 38.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



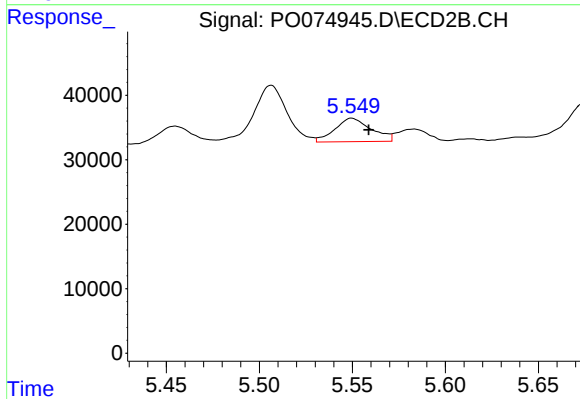
#13 AR-1232-3

R.T.: 5.455 min
Delta R.T.: -0.007 min
Response: 34146
Conc: 46.55 ng/ml



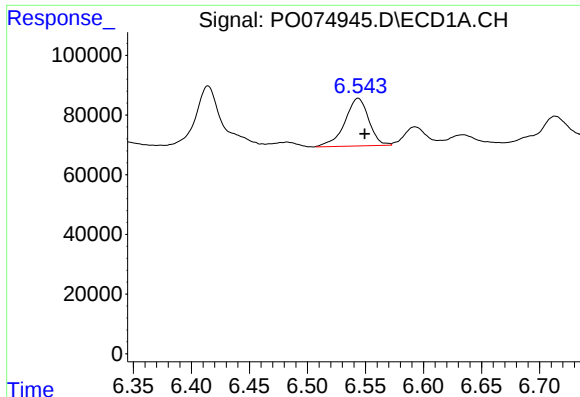
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.451 min
Response: 0
Conc: N.D.



#14 AR-1232-4

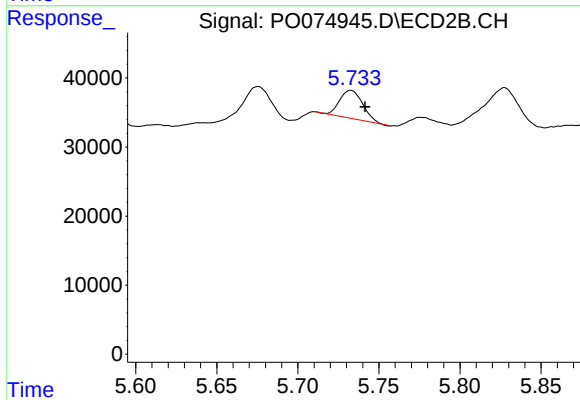
R.T.: 5.550 min
Delta R.T.: -0.009 min
Response: 49609
Conc: 78.01 ng/ml



#15 AR-1232-5

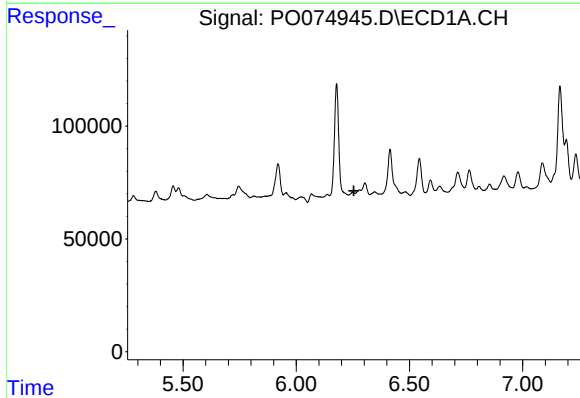
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 231052
Conc: 283.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
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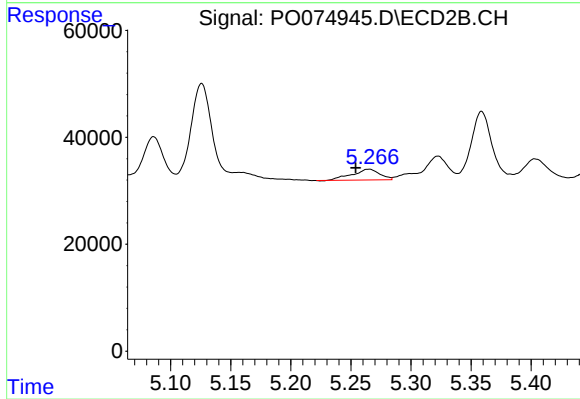
#15 AR-1232-5

R.T.: 5.733 min
Delta R.T.: -0.009 min
Response: 40063
Conc: 57.69 ng/ml



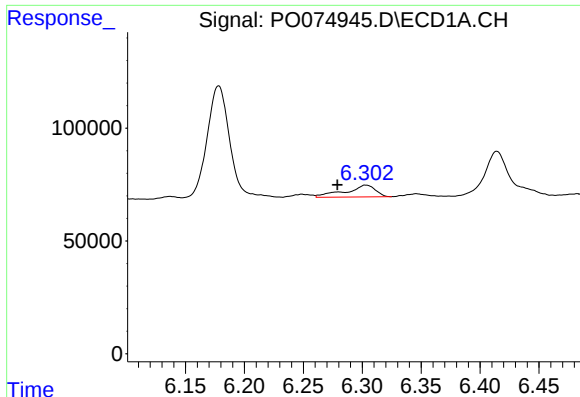
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.255 min
Response: 0
Conc: N.D.



#16 AR-1242-1

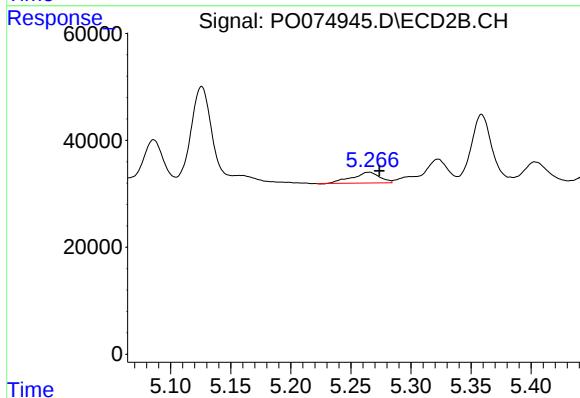
R.T.: 5.265 min
Delta R.T.: 0.011 min
Response: 32089
Conc: 17.41 ng/ml



#17 AR-1242-2

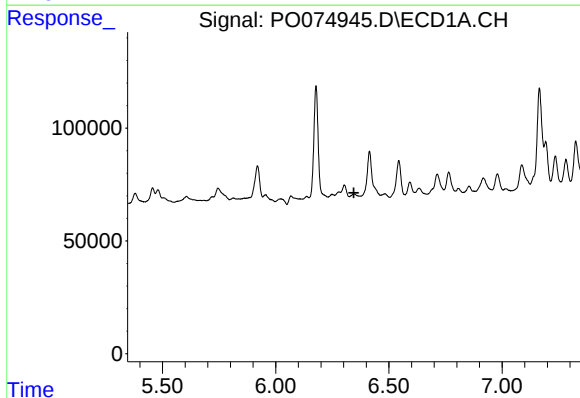
R.T.: 6.303 min
Delta R.T.: 0.024 min
Response: 92680
Conc: 20.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



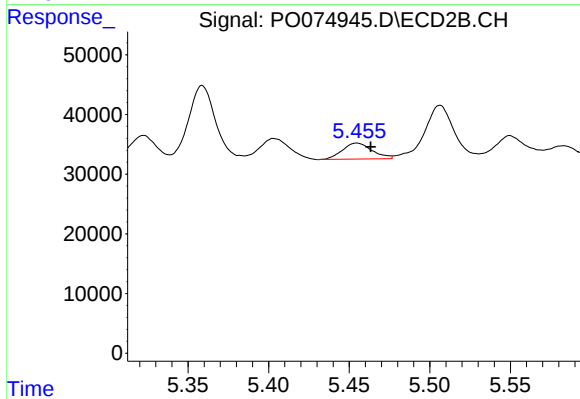
#17 AR-1242-2

R.T.: 5.265 min
Delta R.T.: -0.009 min
Response: 32089
Conc: 12.75 ng/ml



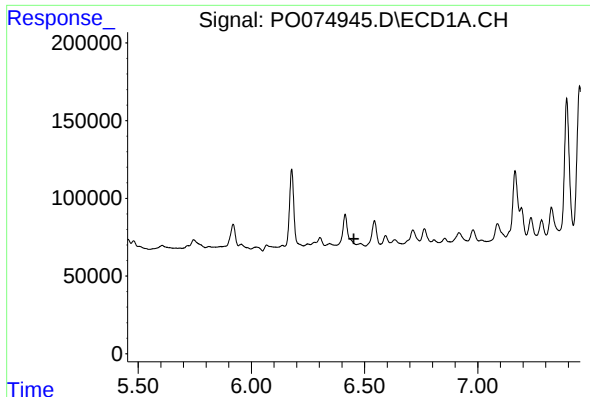
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.345 min
Response: 0
Conc: N.D.



#18 AR-1242-3

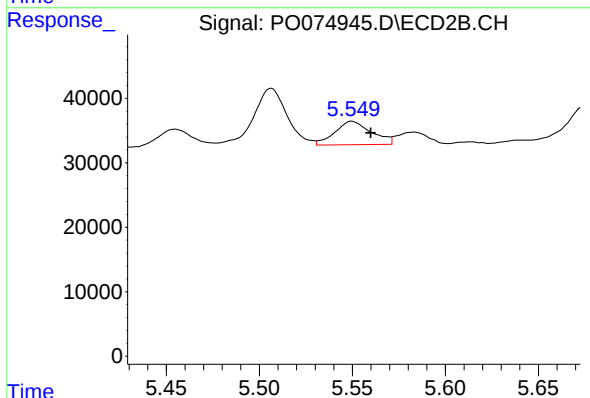
R.T.: 5.455 min
Delta R.T.: -0.009 min
Response: 34146
Conc: 25.15 ng/ml



#19 AR-1242-4

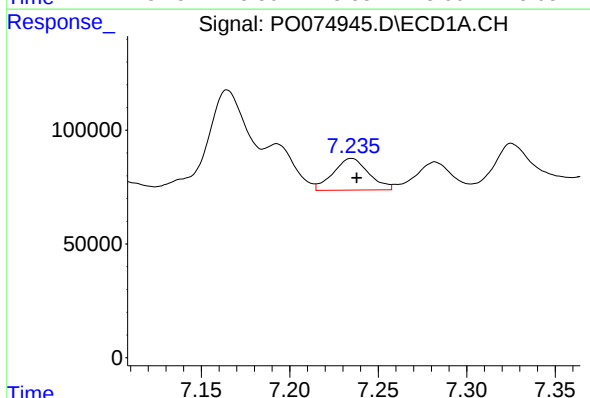
R.T.: 0.000 min
Exp R.T.: 6.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S12-04-C



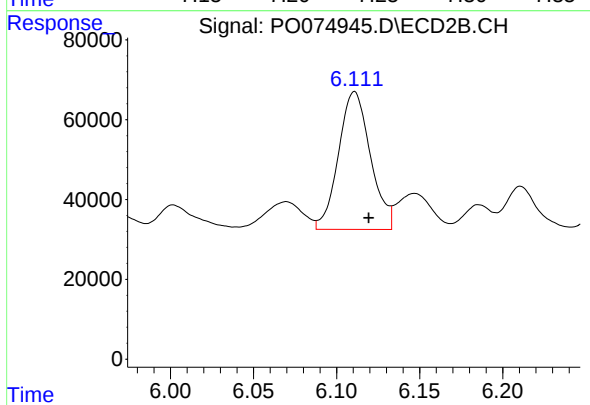
#19 AR-1242-4

R.T.: 5.550 min
Delta R.T.: -0.010 min
Response: 49609
Conc: 37.96 ng/ml



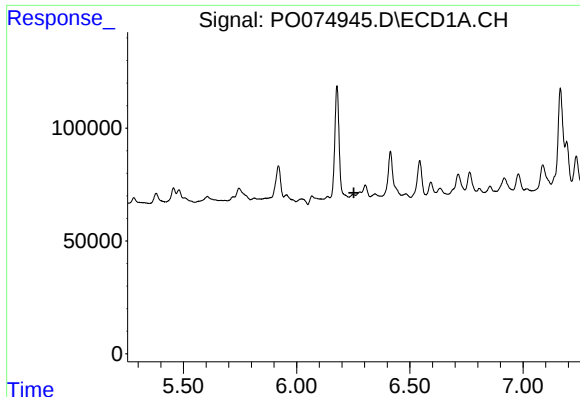
#20 AR-1242-5

R.T.: 7.235 min
Delta R.T.: -0.003 min
Response: 194698
Conc: 77.37 ng/ml



#20 AR-1242-5

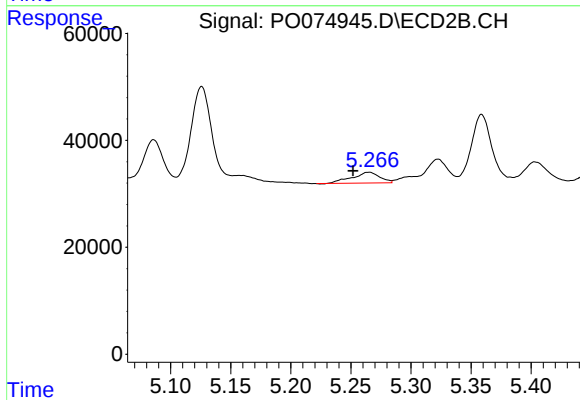
R.T.: 6.111 min
Delta R.T.: -0.008 min
Response: 462749
Conc: 264.30 ng/ml



#21 AR-1248-1

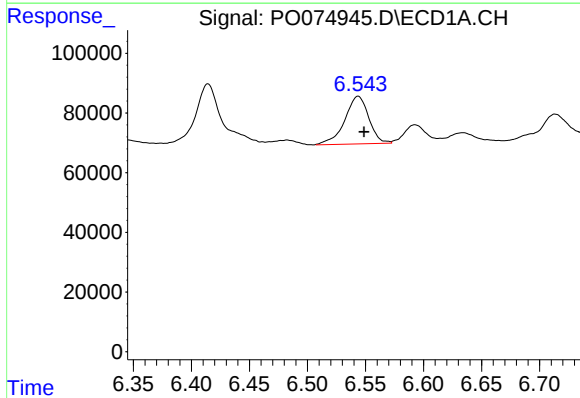
R.T.: 0.000 min
Exp R.T.: 6.253 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
S12-04-C



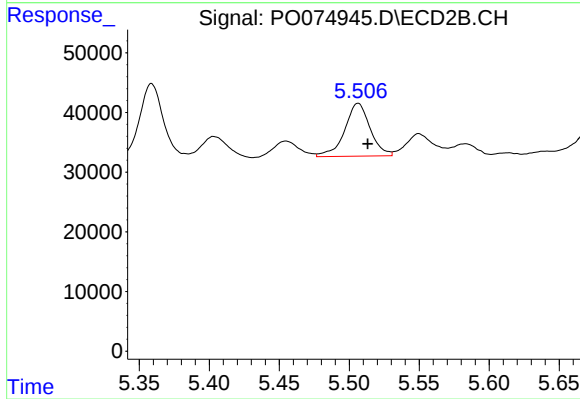
#21 AR-1248-1

R.T.: 5.265 min
Delta R.T.: 0.013 min
Response: 32089
Conc: 23.33 ng/ml



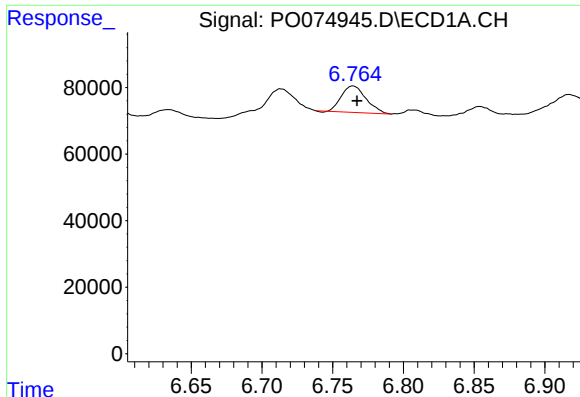
#22 AR-1248-2

R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 231052
Conc: 74.29 ng/ml



#22 AR-1248-2

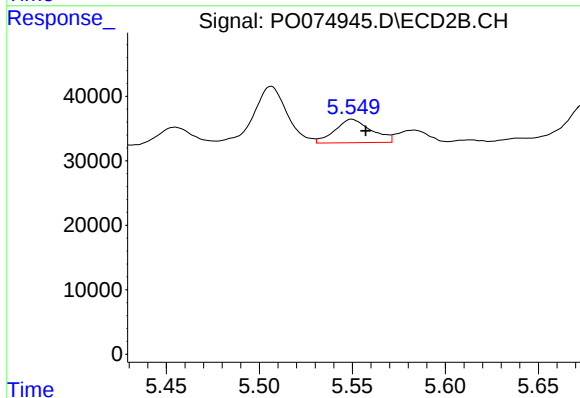
R.T.: 5.506 min
Delta R.T.: -0.007 min
Response: 112244
Conc: 59.72 ng/ml



#23 AR-1248-3

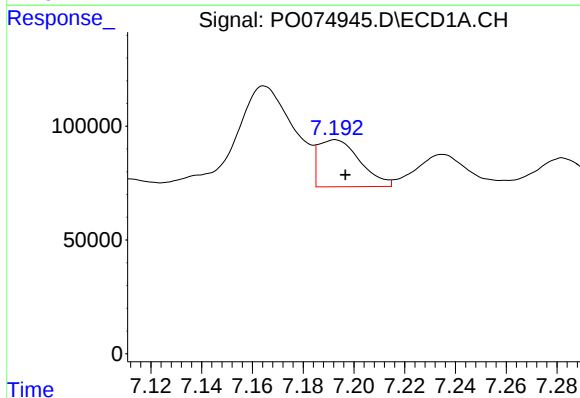
R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 96221
Conc: 26.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



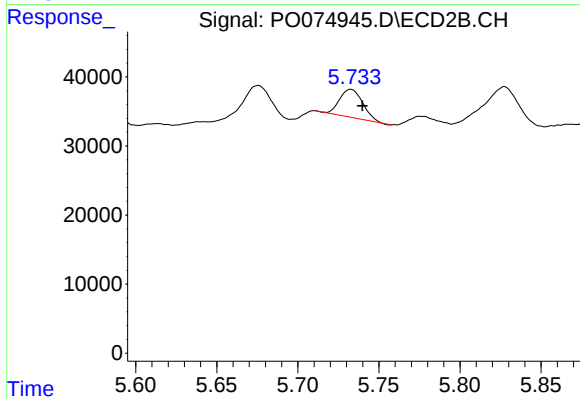
#23 AR-1248-3

R.T.: 5.550 min
Delta R.T.: -0.007 min
Response: 49609
Conc: 26.28 ng/ml



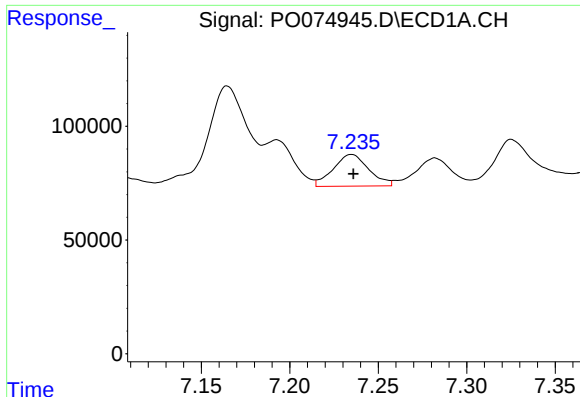
#24 AR-1248-4

R.T.: 7.193 min
Delta R.T.: -0.004 min
Response: 235632
Conc: 52.84 ng/ml



#24 AR-1248-4

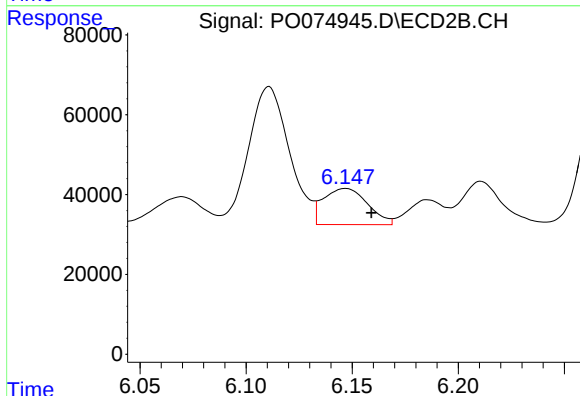
R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 40063
Conc: 17.79 ng/ml



#25 AR-1248-5

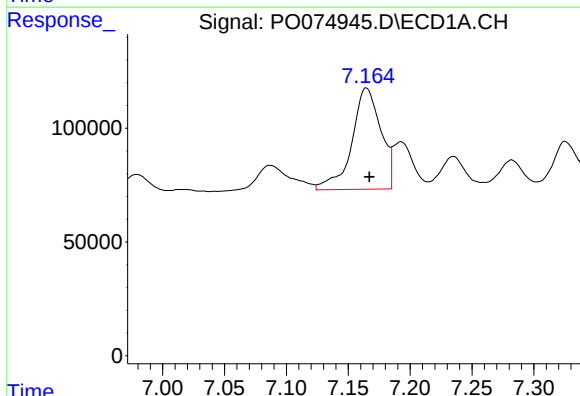
R.T.: 7.235 min
Delta R.T.: -0.001 min
Response: 194698
Conc: 46.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



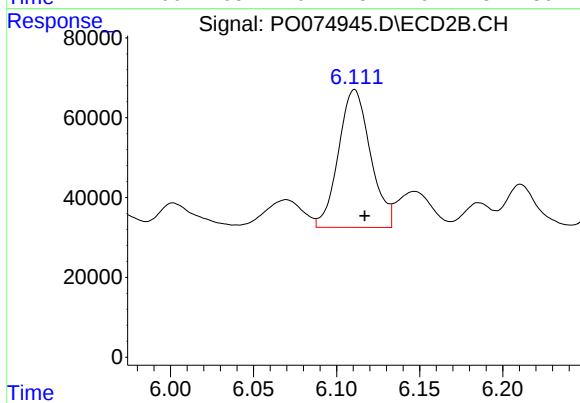
#25 AR-1248-5

R.T.: 6.147 min
Delta R.T.: -0.012 min
Response: 130888
Conc: 55.67 ng/ml



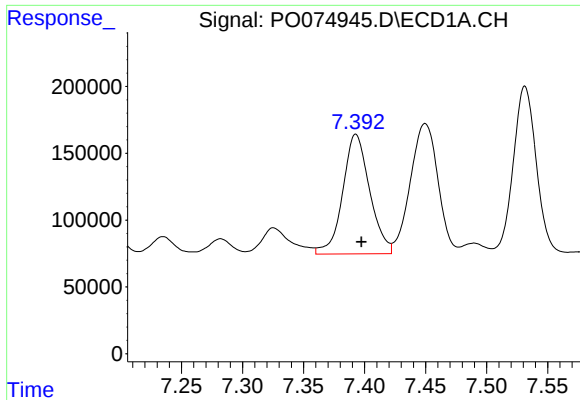
#26 AR-1254-1

R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 726068
Conc: 165.09 ng/ml



#26 AR-1254-1

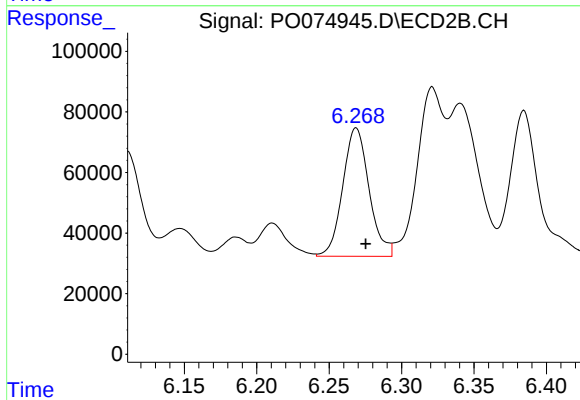
R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 462749
Conc: 128.11 ng/ml



#27 AR-1254-2

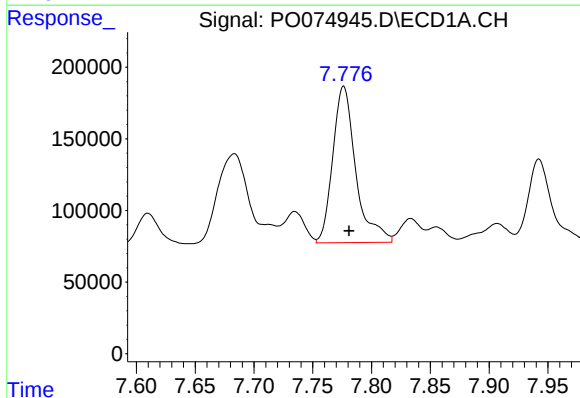
R.T.: 7.393 min
Delta R.T.: -0.005 min
Response: 1376516
Conc: 202.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



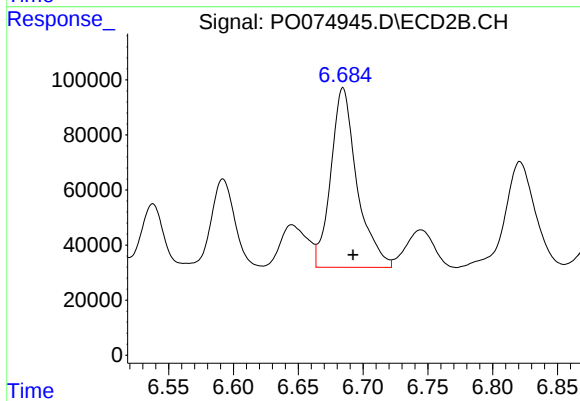
#27 AR-1254-2

R.T.: 6.269 min
Delta R.T.: -0.007 min
Response: 536047
Conc: 172.00 ng/ml



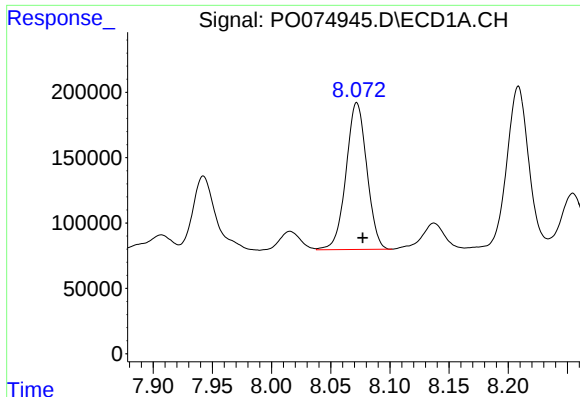
#28 AR-1254-3

R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 1490460
Conc: 212.49 ng/ml



#28 AR-1254-3

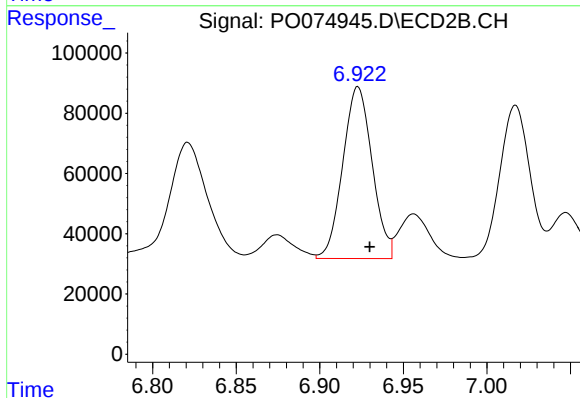
R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 917261
Conc: 187.05 ng/ml



#29 AR-1254-4

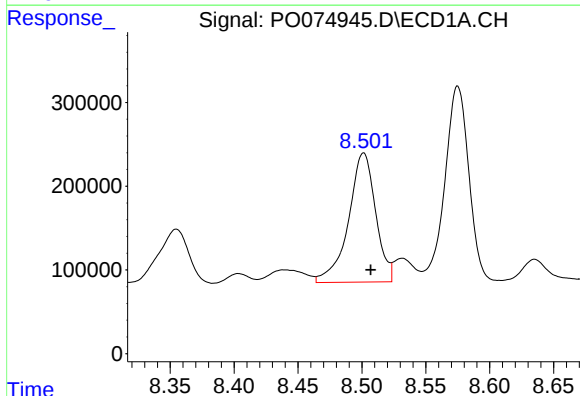
R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 1369334
Conc: 225.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



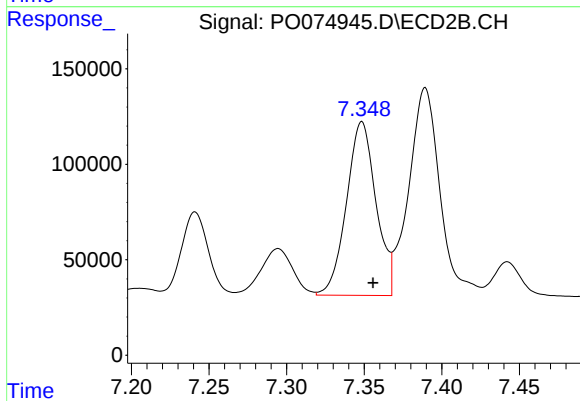
#29 AR-1254-4

R.T.: 6.923 min
Delta R.T.: -0.007 min
Response: 698080
Conc: 201.30 ng/ml



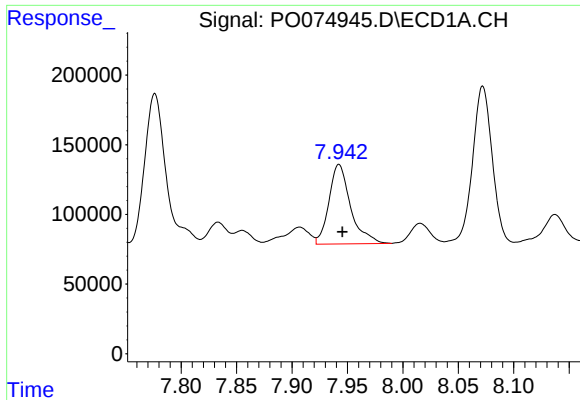
#30 AR-1254-5

R.T.: 8.501 min
Delta R.T.: -0.006 min
Response: 2280354
Conc: 392.56 ng/ml



#30 AR-1254-5

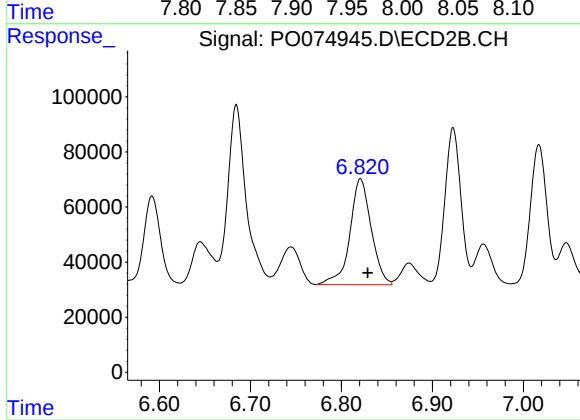
R.T.: 7.348 min
Delta R.T.: -0.007 min
Response: 1205691
Conc: 266.40 ng/ml



#31 AR-1260-1

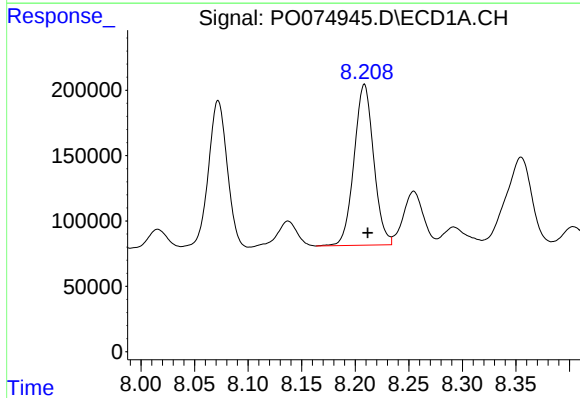
R.T.: 7.942 min
Delta R.T.: -0.003 min
Response: 776712
Conc: 155.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



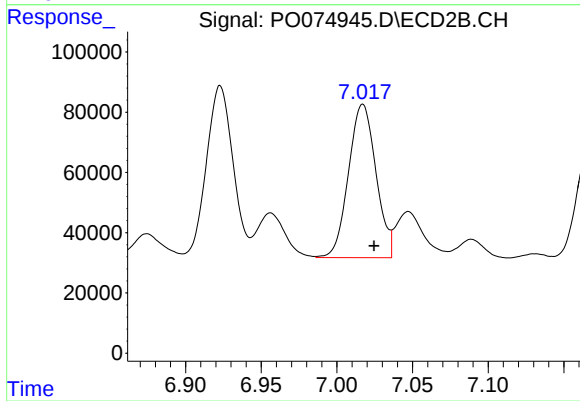
#31 AR-1260-1

R.T.: 6.821 min
Delta R.T.: -0.008 min
Response: 625720
Conc: 196.13 ng/ml



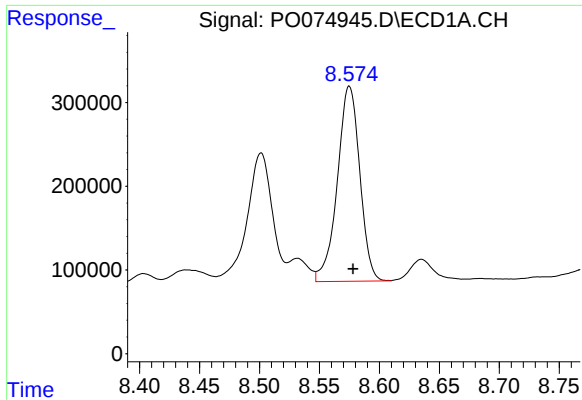
#32 AR-1260-2

R.T.: 8.209 min
Delta R.T.: -0.003 min
Response: 1567123
Conc: 230.39 ng/ml



#32 AR-1260-2

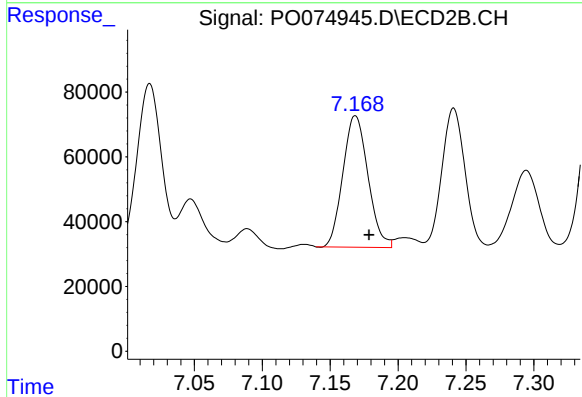
R.T.: 7.017 min
Delta R.T.: -0.008 min
Response: 643835
Conc: 151.45 ng/ml



#33 AR-1260-3

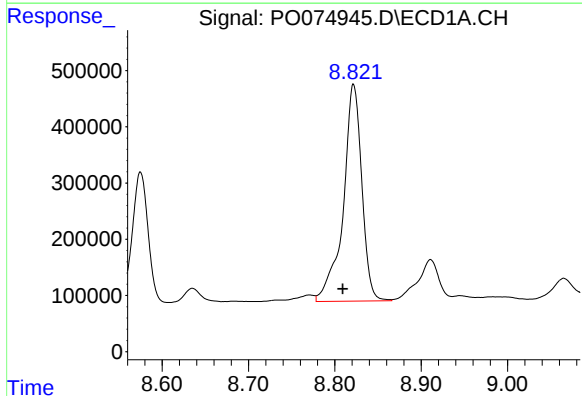
R.T.: 8.575 min
Delta R.T.: -0.003 min
Response: 3034594
Conc: 529.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



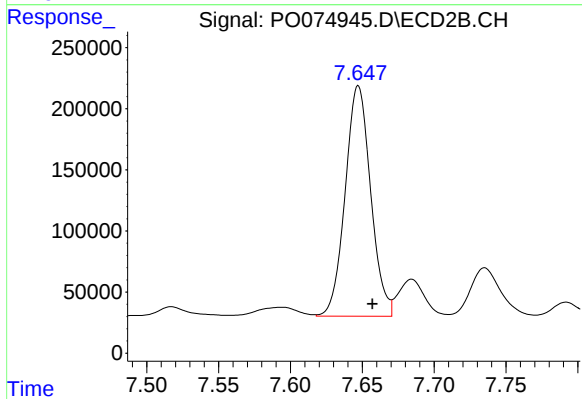
#33 AR-1260-3

R.T.: 7.169 min
Delta R.T.: -0.010 min
Response: 521569
Conc: 144.74 ng/ml



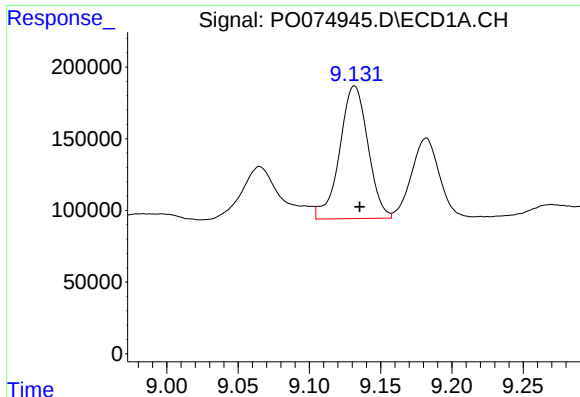
#34 AR-1260-4

R.T.: 8.822 min
Delta R.T.: 0.012 min
Response: 5775565
Conc: 1055.61 ng/ml



#34 AR-1260-4

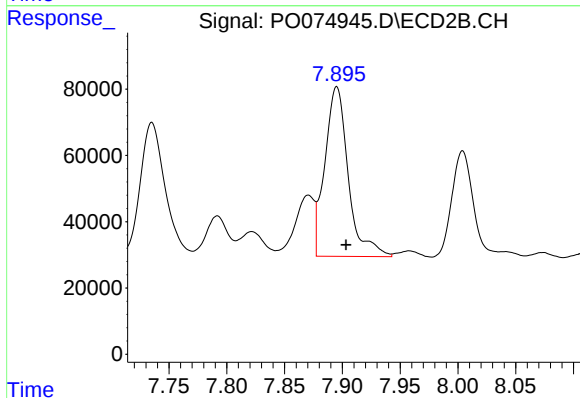
R.T.: 7.647 min
Delta R.T.: -0.010 min
Response: 2329106
Conc: 743.81 ng/ml



#35 AR-1260-5

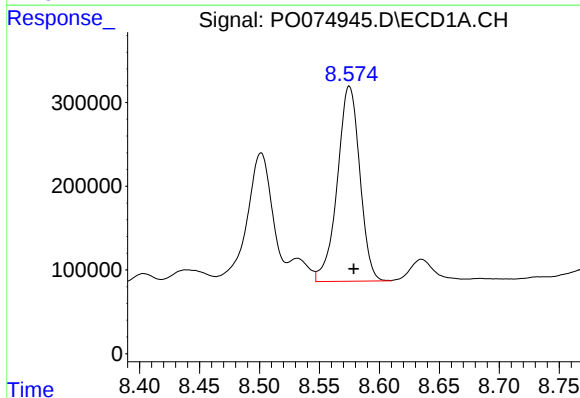
R.T.: 9.132 min
Delta R.T.: -0.004 min
Response: 1278962
Conc: 102.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



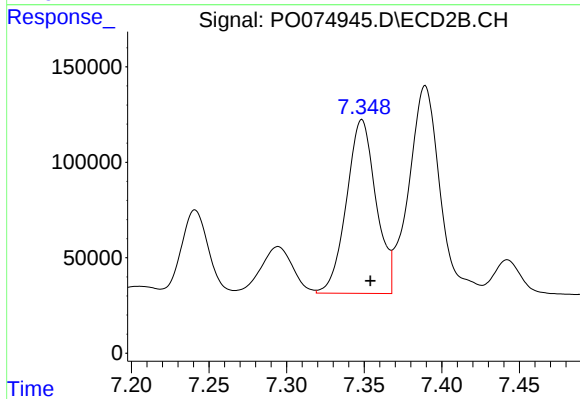
#35 AR-1260-5

R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 725105
Conc: 91.22 ng/ml



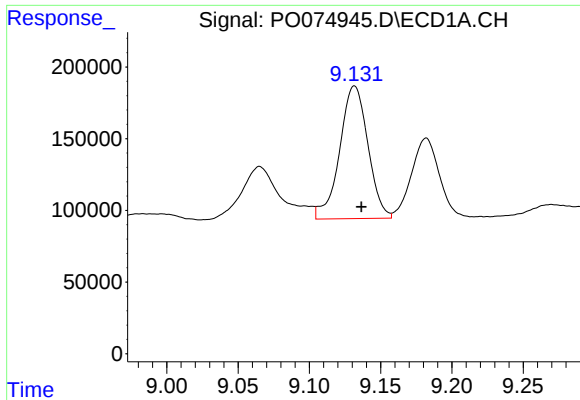
#36 AR-1262-1

R.T.: 8.575 min
Delta R.T.: -0.004 min
Response: 3034594
Conc: 340.81 ng/ml



#36 AR-1262-1

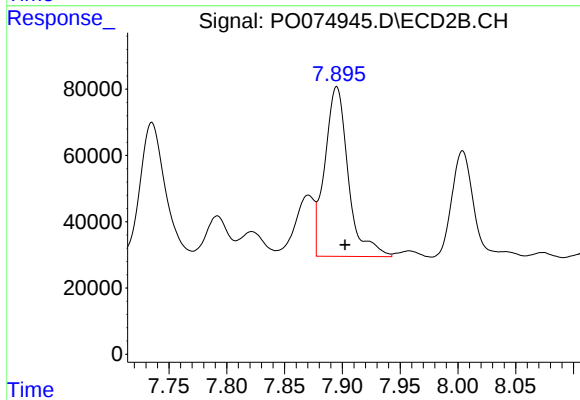
R.T.: 7.348 min
Delta R.T.: -0.006 min
Response: 1205691
Conc: 473.83 ng/ml



#37 AR-1262-2

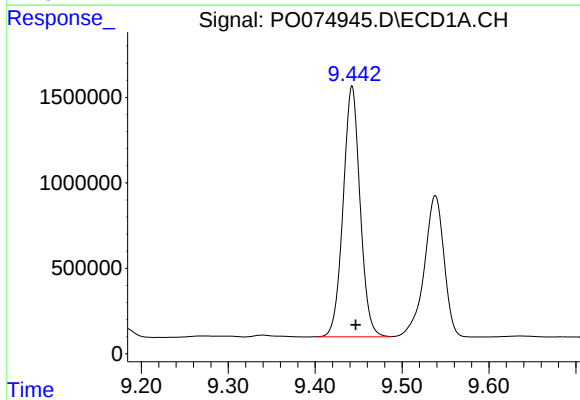
R.T.: 9.132 min
Delta R.T.: -0.005 min
Response: 1278962
Conc: 83.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



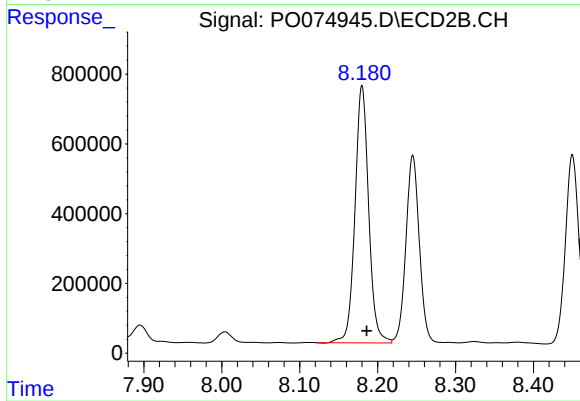
#37 AR-1262-2

R.T.: 7.895 min
Delta R.T.: -0.007 min
Response: 725105
Conc: 78.86 ng/ml



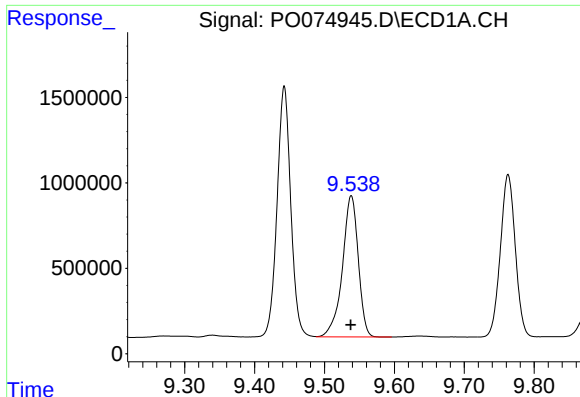
#38 AR-1262-3

R.T.: 9.442 min
Delta R.T.: -0.004 min
Response: 19920066
Conc: 1988.87 ng/ml



#38 AR-1262-3

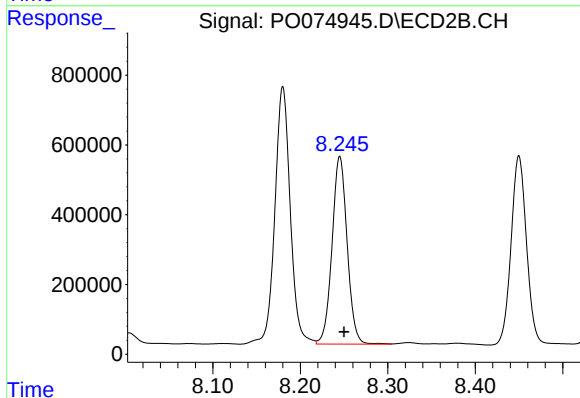
R.T.: 8.180 min
Delta R.T.: -0.006 min
Response: 9006012
Conc: 2277.51 ng/ml



#39 AR-1262-4

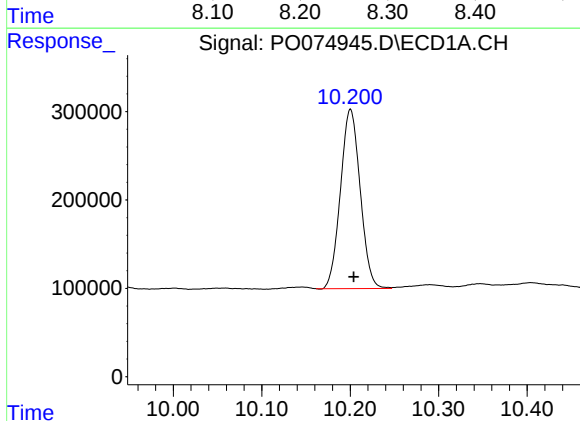
R.T.: 9.538 min
Delta R.T.: 0.000 min
Response: 13038655
Conc: 1750.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



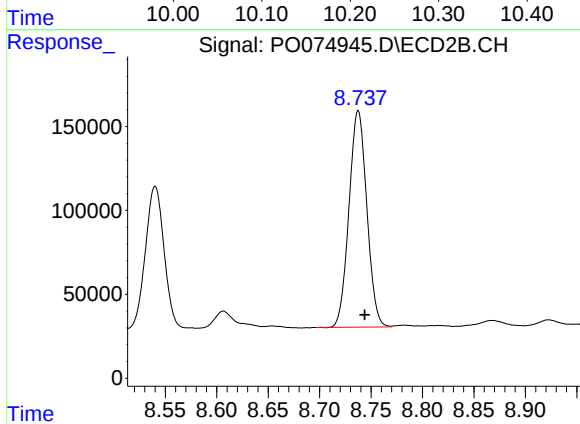
#39 AR-1262-4

R.T.: 8.245 min
Delta R.T.: -0.005 min
Response: 6466264
Conc: 976.01 ng/ml



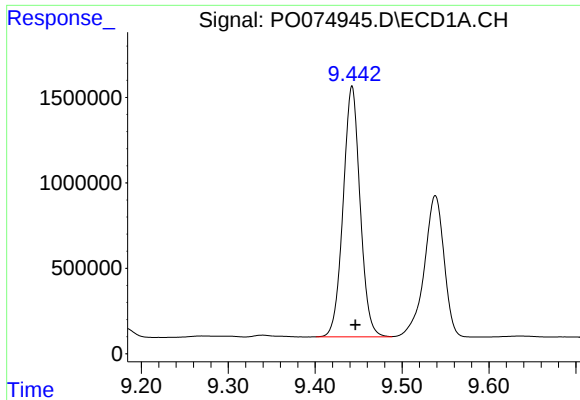
#40 AR-1262-5

R.T.: 10.200 min
Delta R.T.: -0.004 min
Response: 3144596
Conc: 601.08 ng/ml



#40 AR-1262-5

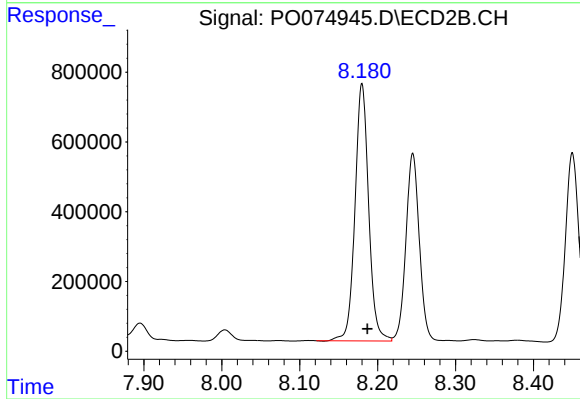
R.T.: 8.738 min
Delta R.T.: -0.006 min
Response: 1558992
Conc: 504.95 ng/ml



#41 AR-1268-1

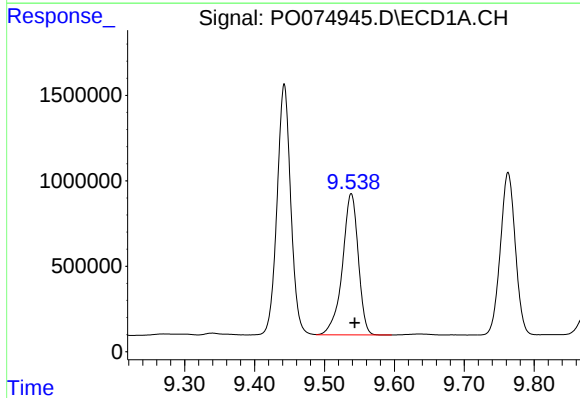
R.T.: 9.442 min
Delta R.T.: -0.004 min
Response: 19920066
Conc: 1066.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



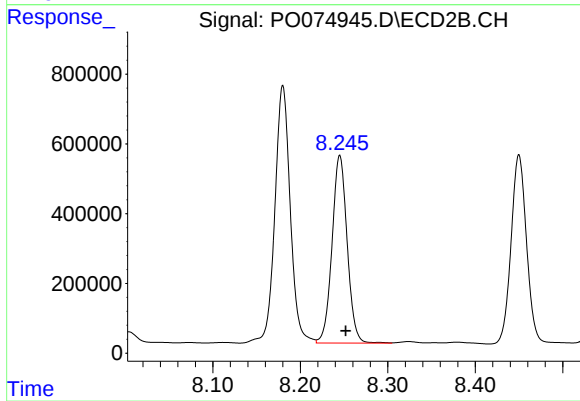
#41 AR-1268-1

R.T.: 8.180 min
Delta R.T.: -0.007 min
Response: 9006012
Conc: 804.49 ng/ml



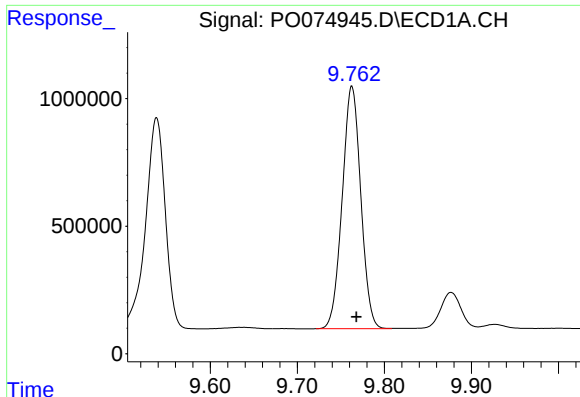
#42 AR-1268-2

R.T.: 9.538 min
Delta R.T.: -0.005 min
Response: 13038655
Conc: 817.22 ng/ml



#42 AR-1268-2

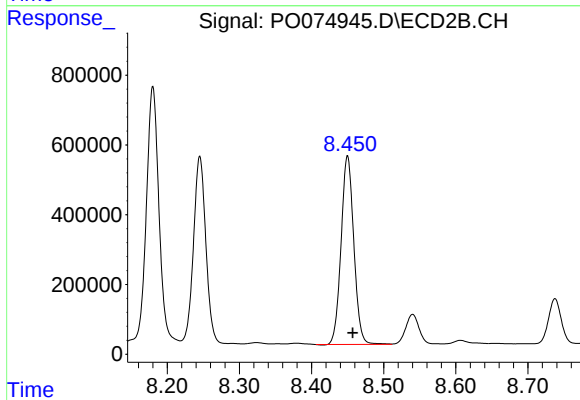
R.T.: 8.245 min
Delta R.T.: -0.007 min
Response: 6466264
Conc: 675.88 ng/ml



#43 AR-1268-3

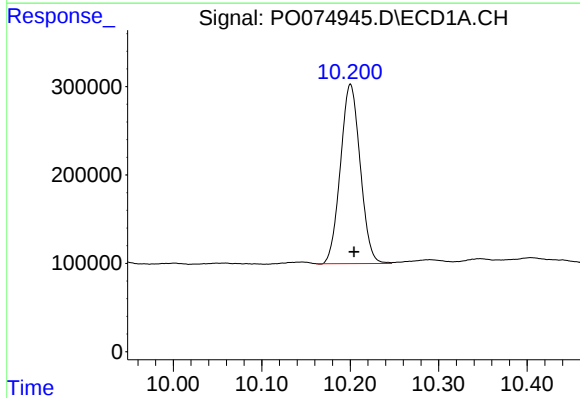
R.T.: 9.763 min
Delta R.T.: -0.005 min
Response: 14101888
Conc: 992.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



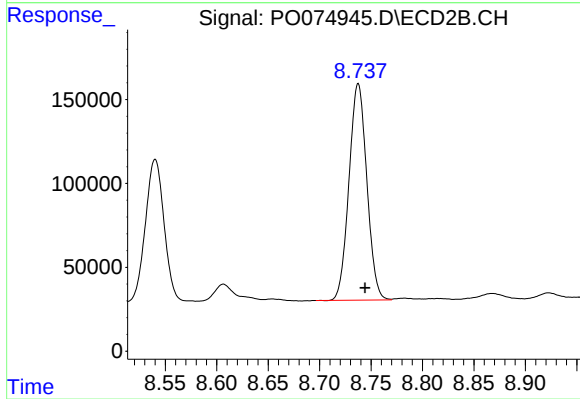
#43 AR-1268-3

R.T.: 8.450 min
Delta R.T.: -0.007 min
Response: 6620845
Conc: 796.84 ng/ml



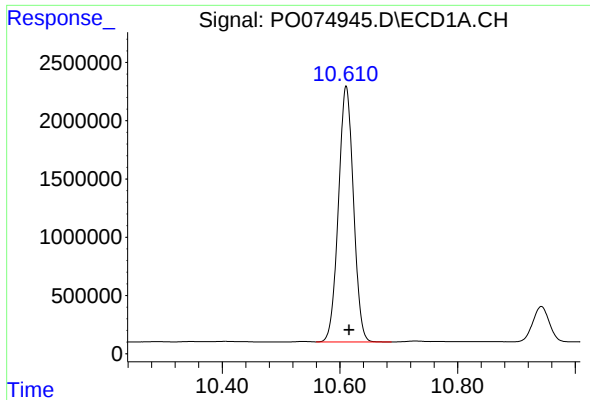
#44 AR-1268-4

R.T.: 10.200 min
Delta R.T.: -0.004 min
Response: 3144596
Conc: 536.75 ng/ml



#44 AR-1268-4

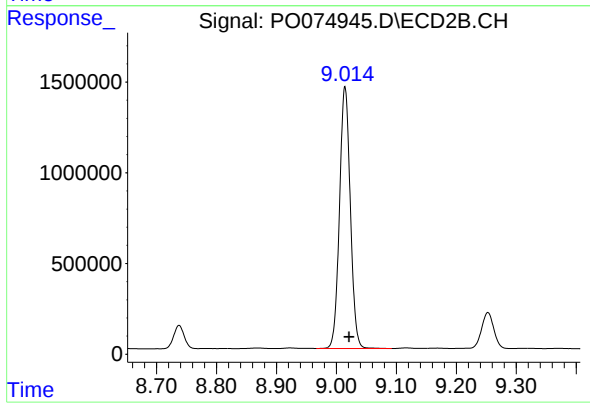
R.T.: 8.738 min
Delta R.T.: -0.006 min
Response: 1558992
Conc: 449.39 ng/ml



#45 AR-1268-5

R.T.: 10.611 min
Delta R.T.: -0.005 min
Response: 38872024
Conc: 930.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
S12-04-C



#45 AR-1268-5

R.T.: 9.014 min
Delta R.T.: -0.007 min
Response: 18059475
Conc: 762.68 ng/ml