

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060520\
 Data File : P0068794.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Jun 2020 7:48
 Operator : DD\AJ
 Sample : L2918-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 08:41:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jun 06 05:06:44 2020
 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...	4.795	3.853	759366	921465	24.543	24.340
2)	SA Decachlor...	10.677	9.104	1028724	1180732	24.030	24.244
Target Compounds							
3)	L1 AR-1016-1	6.113	5.100	19466	21931	16.643	14.047
4)	L1 AR-1016-2	6.113	5.121	19466	20417	11.763	9.748
5)	L1 AR-1016-3	6.194	5.363	1855	764530	1.866	682.601 #
6)	L1 AR-1016-4	6.300	5.363	12425	764530	14.716	822.217 #
7)	L1 AR-1016-5	6.620	5.588	344405	467018	407.066	400.470
9)	L2 AR-1221-2	5.149	4.203	12421	17470	52.286	52.264
10)	L2 AR-1221-3	5.230	0.000	1020	0	1.263	N.D. #
11)	L3 AR-1232-1	5.230	0.000	1020	0	1.603	N.D. #
12)	L3 AR-1232-2	0.000	5.121	0	20417	N.D.	23.273 #
13)	L3 AR-1232-3	6.113	5.363	19466	764530	29.159	1646.522 #
14)	L3 AR-1232-4	6.300	5.406	12425	235406	36.704	593.058 #
15)	L3 AR-1232-5	6.405	5.588	592147	467018	2870.240	1024.355 #
16)	L4 AR-1242-1	6.113	5.100	19466	21931	20.771	18.040
17)	L4 AR-1242-2	6.113	5.121	19466	20417	15.103	12.539
18)	L4 AR-1242-3	6.194	5.363	1855	764530	2.396	862.992 #
19)	L4 AR-1242-4	6.300	5.406	12425	235406	19.040	280.382 #
20)	L4 AR-1242-5	7.088	5.967	482523	2288754	637.922	1908.423 #
21)	L5 AR-1248-1	6.113	5.100	19466	21931	27.489	24.088
22)	L5 AR-1248-2	6.405	5.363	592147	764530	690.459	641.516
23)	L5 AR-1248-3	6.620	5.406	344405	235406	335.794	201.693 #
24)	L5 AR-1248-4	7.047	5.588	715371	467018	559.644	319.415 #
25)	L5 AR-1248-5	7.088	6.010	482523	375864	405.673	241.907 #
26)	L6 AR-1254-1	7.016	5.967	1296821	2288754	1021.496	926.186
27)	L6 AR-1254-2	7.244	6.127	2305638	2294216	1132.727	1027.579
28)	L6 AR-1254-3	7.623	6.543	2747280	4005601	1292.317	1175.160
29)	L6 AR-1254-4	7.919	6.783	3031365	3504762	1565.775	1464.607
30)	L6 AR-1254-5	8.343	7.209	2948261	4581078	1576.257	1457.858
31)	L7 AR-1260-1	7.788	6.681	1092913	1927335	720.117	862.140
32)	L7 AR-1260-2	8.053	6.878	1827877	2098180	835.008	730.846
33)	L7 AR-1260-3	8.405	7.028	305876	1633749	162.629	636.340 #
34)	L7 AR-1260-4	8.639	7.510	1126249	196721	630.993	90.558 #
35)	L7 AR-1260-5	8.959	7.758	503428	584440	116.593	105.757
36)	L8 AR-1262-1	8.405	7.209	305876	4581078	114.614	2813.824 #
37)	L8 AR-1262-2	8.959	7.758	503428	584440	108.140	104.332
38)	L8 AR-1262-3	9.276	8.043	379082	43945	121.623	18.642 #
39)	L8 AR-1262-4	9.325	8.101	105781	594296	44.446	143.389 #
40)	L8 AR-1262-5	9.976	8.601	49103	50815	26.688	24.410
41)	L9 AR-1268-1	9.276	8.043	379082	43945	60.600	6.132 #
42)	L9 AR-1268-2	9.325	8.101	105781	594296	19.177	92.030 #

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 ALS Vial : 40 Sample Multiplier: 1

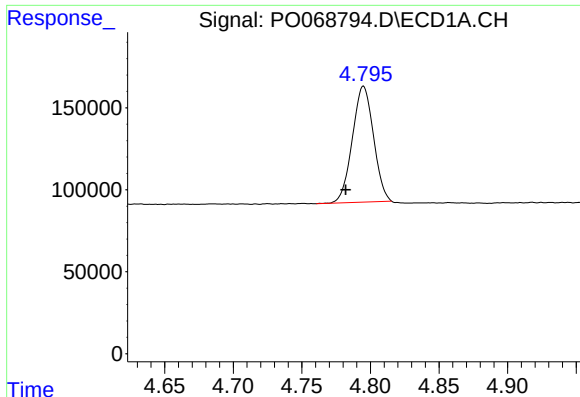
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	9.555	8.362	25605	33630	5.321	6.219
44) L9	AR-1268-4	9.976	8.601	49103	50815	22.385	20.317
45) L9	AR-1268-5	10.365	8.873	39608	40399	2.627	2.424

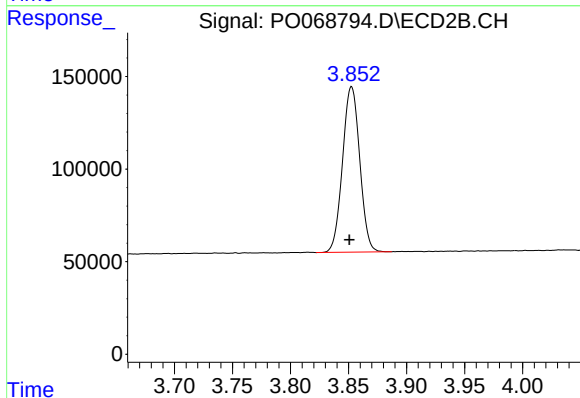
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

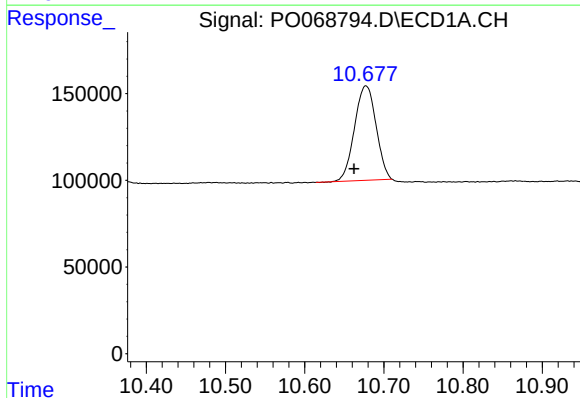
R.T.: 4.795 min
Delta R.T.: 0.013 min
Response: 759366
Conc: 24.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



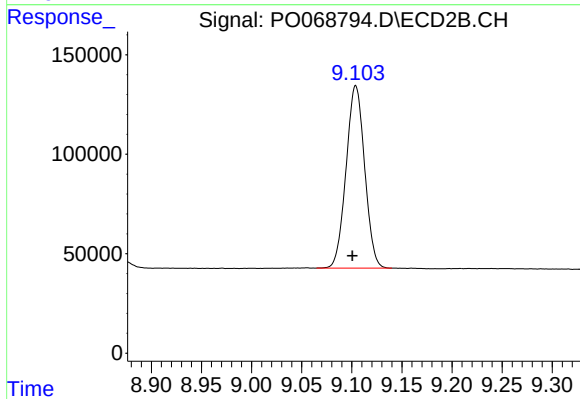
#1 Tetrachloro-m-xylene

R.T.: 3.853 min
Delta R.T.: 0.002 min
Response: 921465
Conc: 24.34 ng/ml



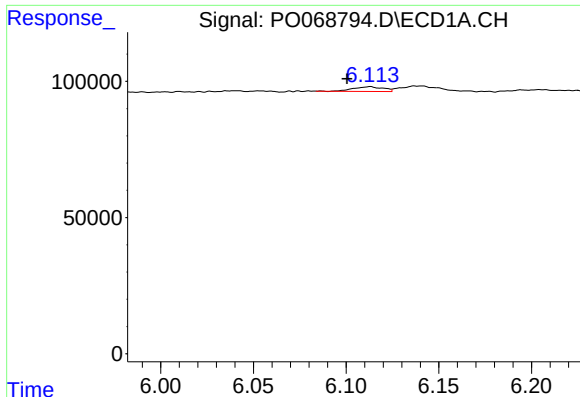
#2 Decachlorobiphenyl

R.T.: 10.677 min
Delta R.T.: 0.015 min
Response: 1028724
Conc: 24.03 ng/ml



#2 Decachlorobiphenyl

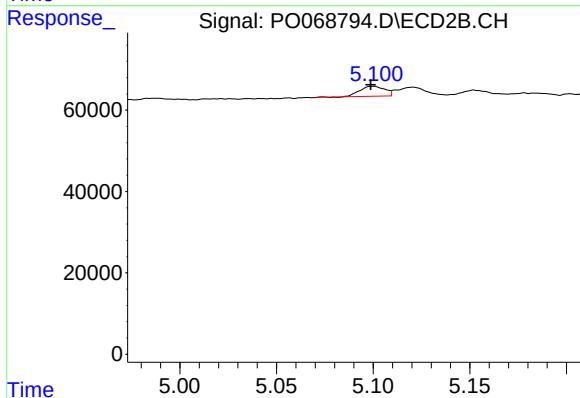
R.T.: 9.104 min
Delta R.T.: 0.003 min
Response: 1180732
Conc: 24.24 ng/ml



#3 AR-1016-1

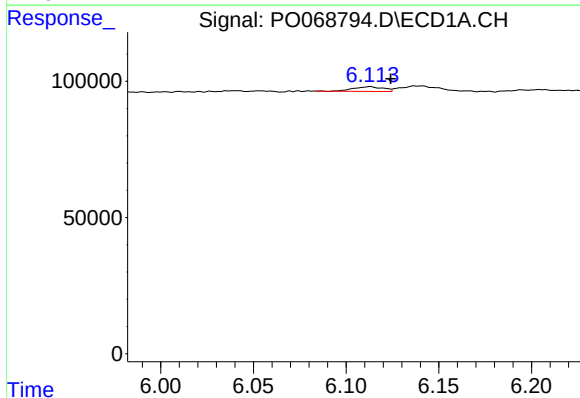
R.T.: 6.113 min
Delta R.T.: 0.013 min
Response: 19466
Conc: 16.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



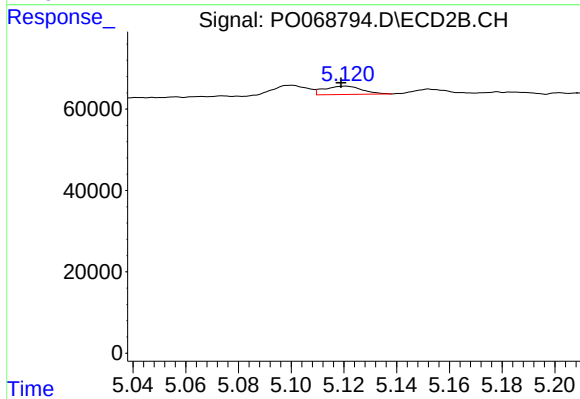
#3 AR-1016-1

R.T.: 5.100 min
Delta R.T.: 0.002 min
Response: 21931
Conc: 14.05 ng/ml



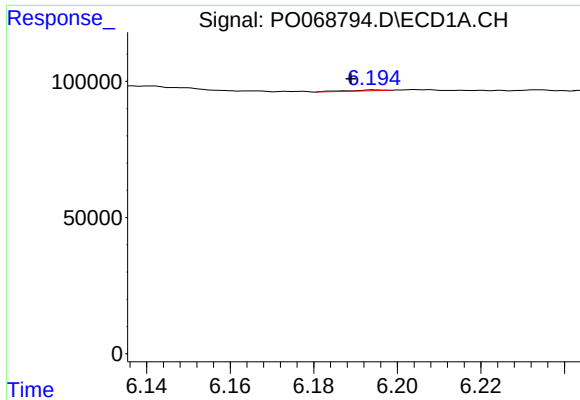
#4 AR-1016-2

R.T.: 6.113 min
Delta R.T.: -0.011 min
Response: 19466
Conc: 11.76 ng/ml



#4 AR-1016-2

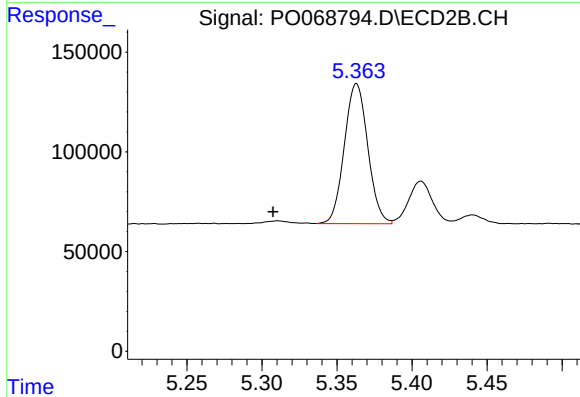
R.T.: 5.121 min
Delta R.T.: 0.002 min
Response: 20417
Conc: 9.75 ng/ml



#5 AR-1016-3

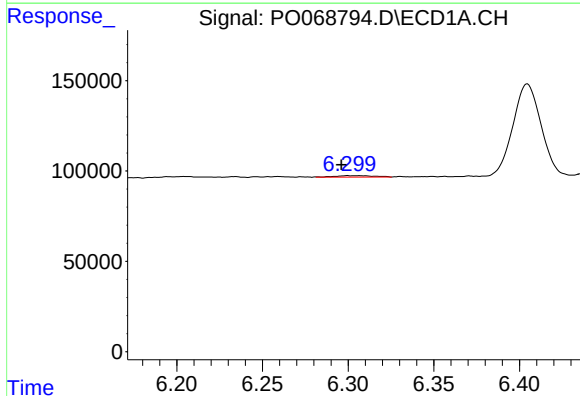
R.T.: 6.194 min
Delta R.T.: 0.005 min
Response: 1855
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



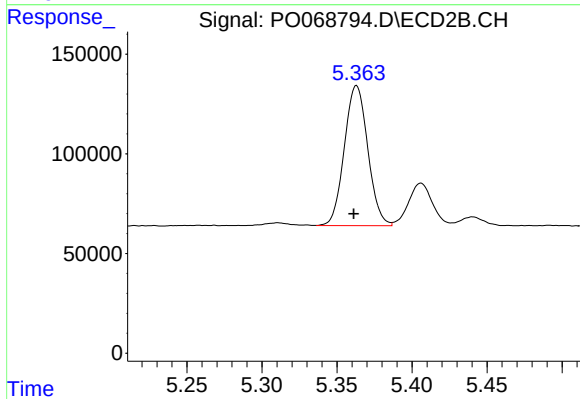
#5 AR-1016-3

R.T.: 5.363 min
Delta R.T.: 0.056 min
Response: 764530
Conc: 682.60 ng/ml



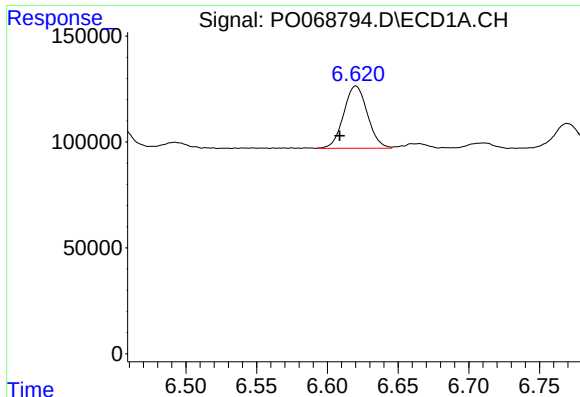
#6 AR-1016-4

R.T.: 6.300 min
Delta R.T.: 0.003 min
Response: 12425
Conc: 14.72 ng/ml



#6 AR-1016-4

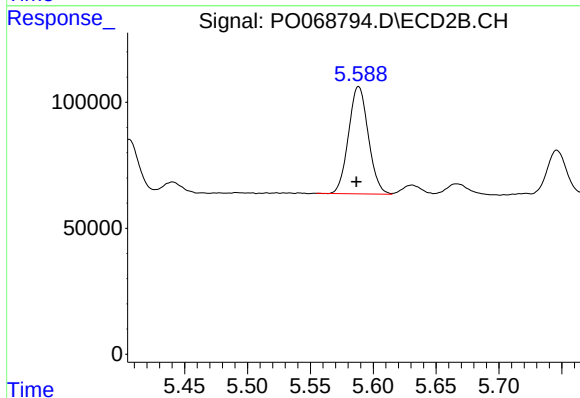
R.T.: 5.363 min
Delta R.T.: 0.002 min
Response: 764530
Conc: 822.22 ng/ml



#7 AR-1016-5

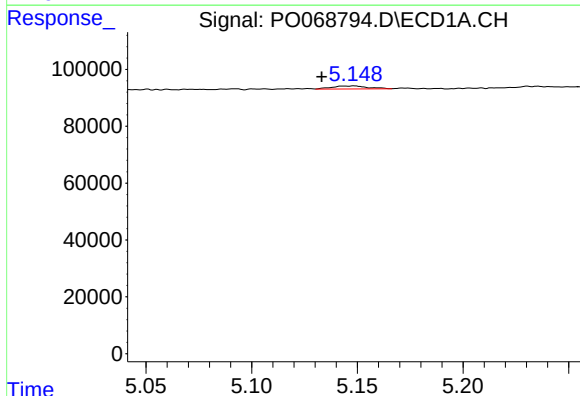
R.T.: 6.620 min
Delta R.T.: 0.011 min
Response: 344405
Conc: 407.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



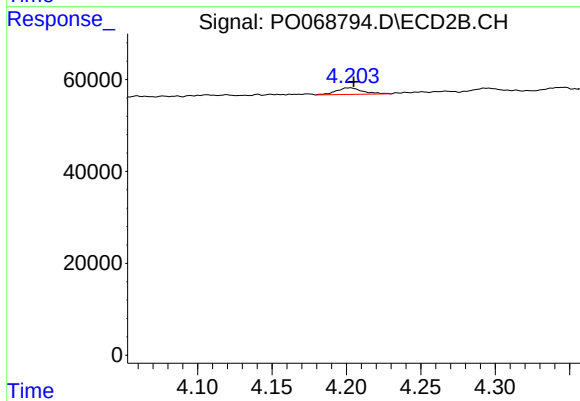
#7 AR-1016-5

R.T.: 5.588 min
Delta R.T.: 0.002 min
Response: 467018
Conc: 400.47 ng/ml



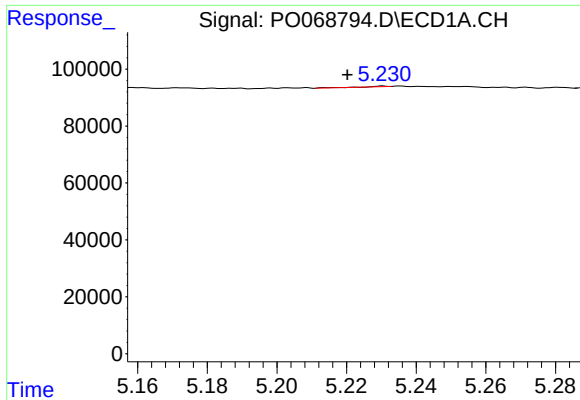
#9 AR-1221-2

R.T.: 5.149 min
Delta R.T.: 0.015 min
Response: 12421
Conc: 52.29 ng/ml



#9 AR-1221-2

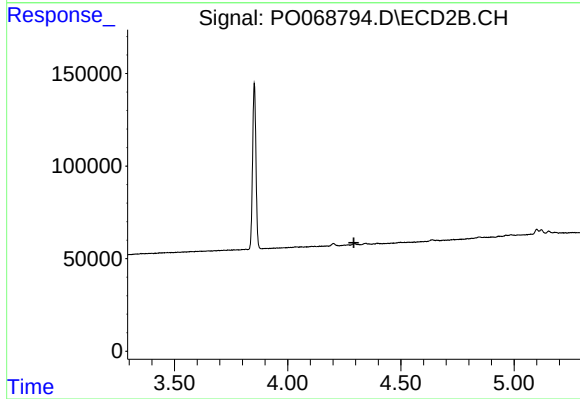
R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 17470
Conc: 52.26 ng/ml



#10 AR-1221-3

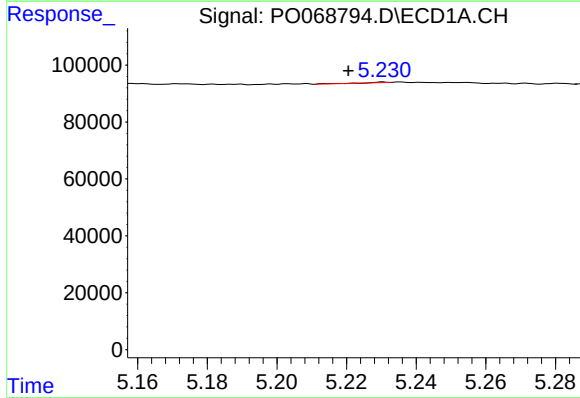
R.T.: 5.230 min
Delta R.T.: 0.010 min
Response: 1020
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



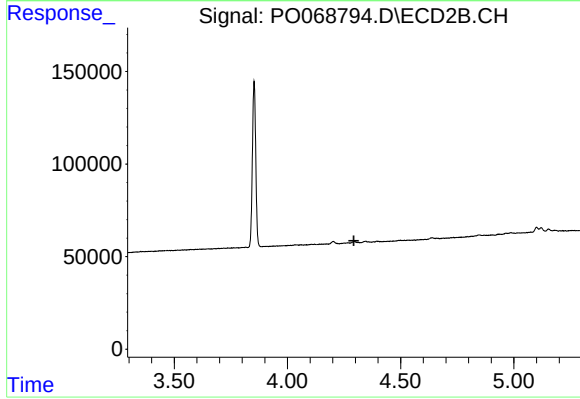
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.293 min
Response: 0
Conc: N.D.



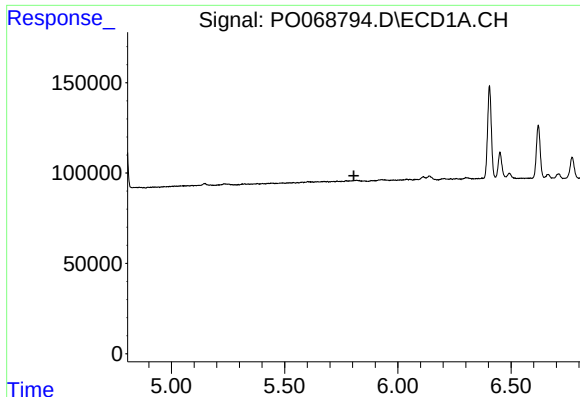
#11 AR-1232-1

R.T.: 5.230 min
Delta R.T.: 0.010 min
Response: 1020
Conc: 1.60 ng/ml



#11 AR-1232-1

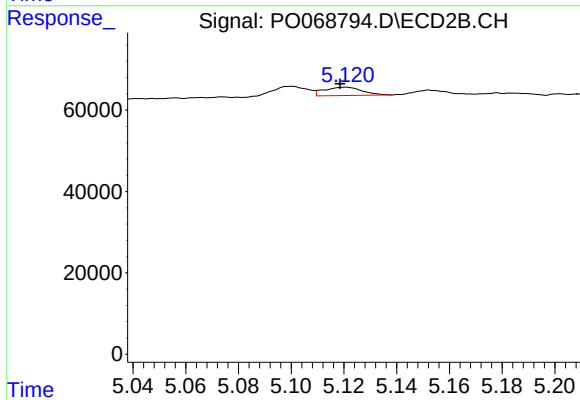
R.T.: 0.000 min
Exp R.T. : 4.293 min
Response: 0
Conc: N.D.



#12 AR-1232-2

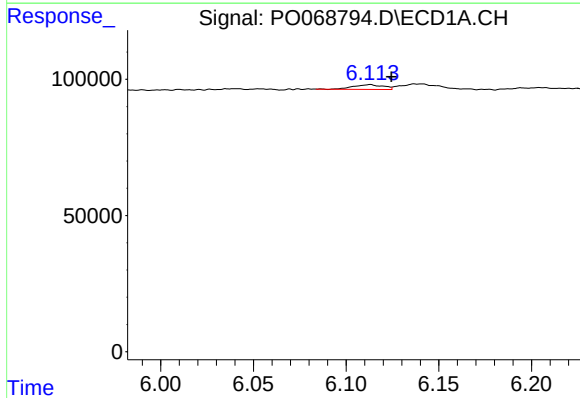
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



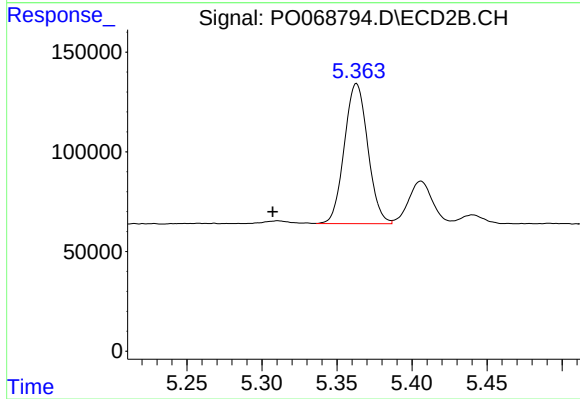
#12 AR-1232-2

R.T.: 5.121 min
Delta R.T.: 0.002 min
Response: 20417
Conc: 23.27 ng/ml



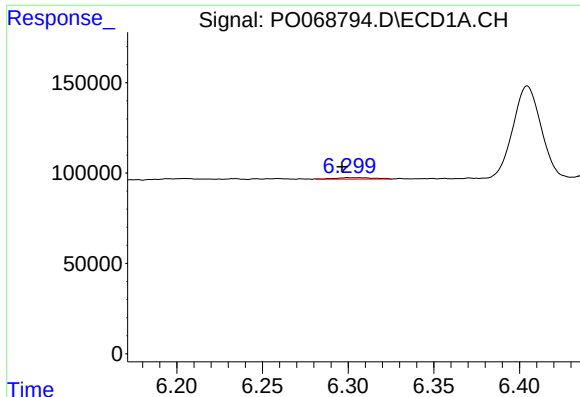
#13 AR-1232-3

R.T.: 6.113 min
Delta R.T.: -0.011 min
Response: 19466
Conc: 29.16 ng/ml



#13 AR-1232-3

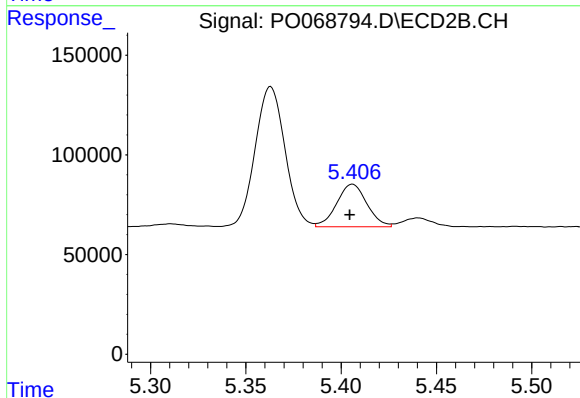
R.T.: 5.363 min
Delta R.T.: 0.056 min
Response: 764530
Conc: 1646.52 ng/ml



#14 AR-1232-4

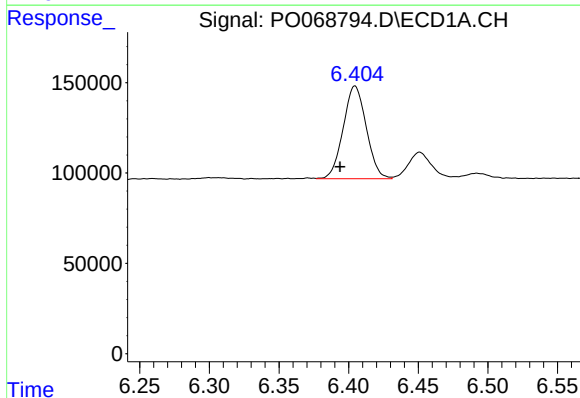
R.T.: 6.300 min
Delta R.T.: 0.003 min
Response: 12425
Conc: 36.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



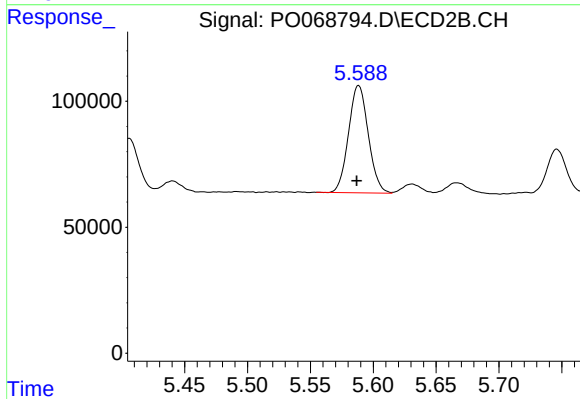
#14 AR-1232-4

R.T.: 5.406 min
Delta R.T.: 0.001 min
Response: 235406
Conc: 593.06 ng/ml



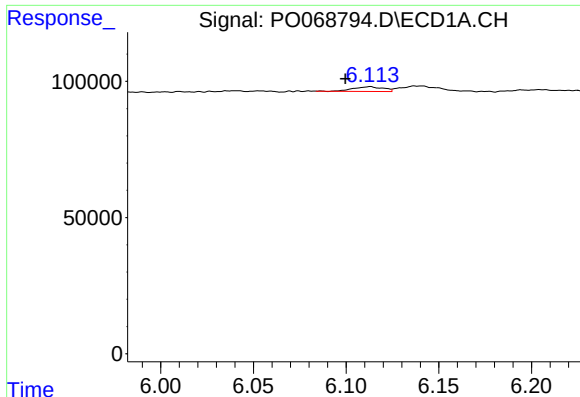
#15 AR-1232-5

R.T.: 6.405 min
Delta R.T.: 0.011 min
Response: 592147
Conc: 2870.24 ng/ml



#15 AR-1232-5

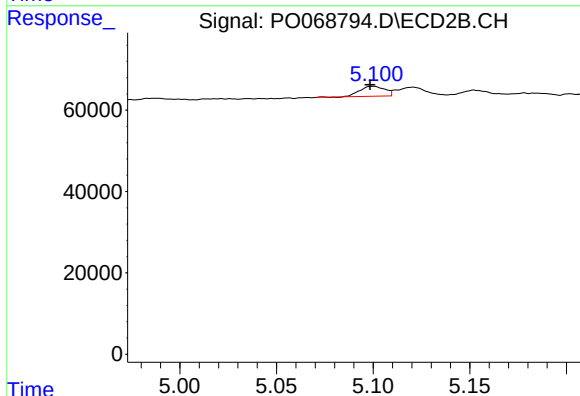
R.T.: 5.588 min
Delta R.T.: 0.002 min
Response: 467018
Conc: 1024.35 ng/ml



#16 AR-1242-1

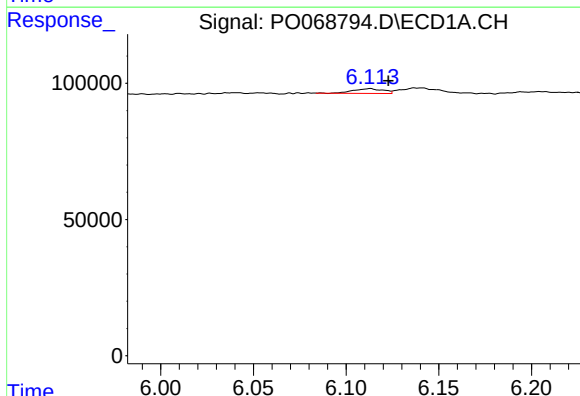
R.T.: 6.113 min
Delta R.T.: 0.014 min
Response: 19466
Conc: 20.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



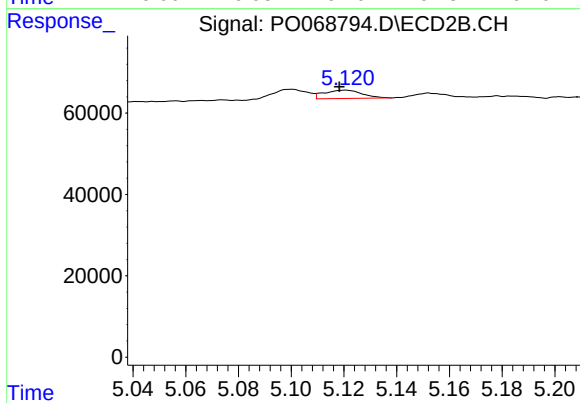
#16 AR-1242-1

R.T.: 5.100 min
Delta R.T.: 0.002 min
Response: 21931
Conc: 18.04 ng/ml



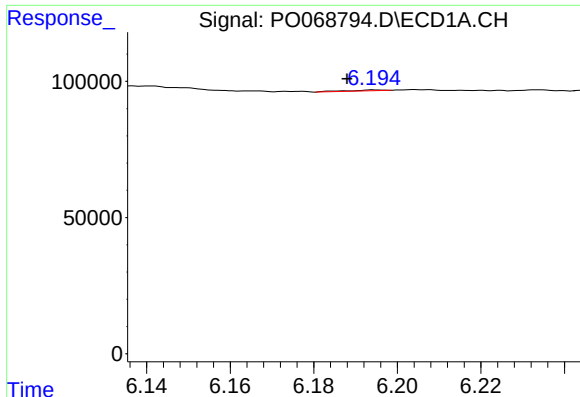
#17 AR-1242-2

R.T.: 6.113 min
Delta R.T.: -0.010 min
Response: 19466
Conc: 15.10 ng/ml



#17 AR-1242-2

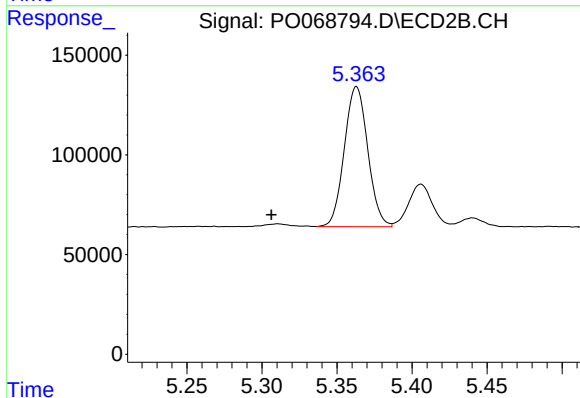
R.T.: 5.121 min
Delta R.T.: 0.003 min
Response: 20417
Conc: 12.54 ng/ml



#18 AR-1242-3

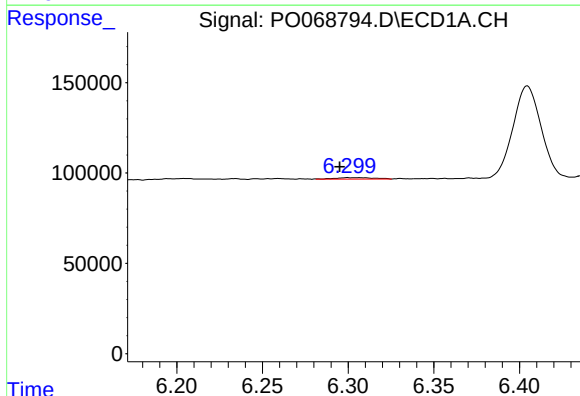
R.T.: 6.194 min
Delta R.T.: 0.006 min
Response: 1855
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



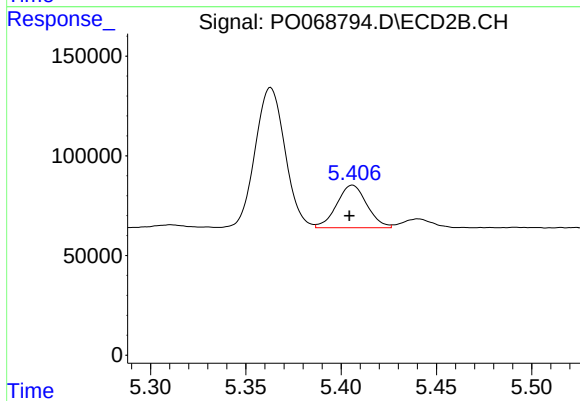
#18 AR-1242-3

R.T.: 5.363 min
Delta R.T.: 0.057 min
Response: 764530
Conc: 862.99 ng/ml



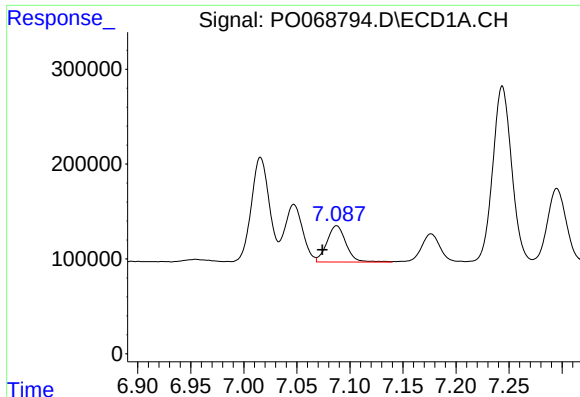
#19 AR-1242-4

R.T.: 6.300 min
Delta R.T.: 0.004 min
Response: 12425
Conc: 19.04 ng/ml



#19 AR-1242-4

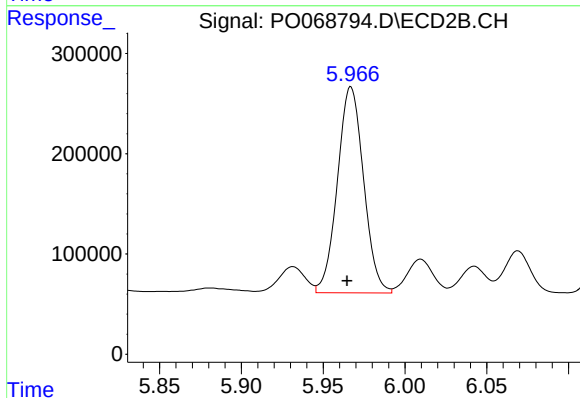
R.T.: 5.406 min
Delta R.T.: 0.002 min
Response: 235406
Conc: 280.38 ng/ml



#20 AR-1242-5

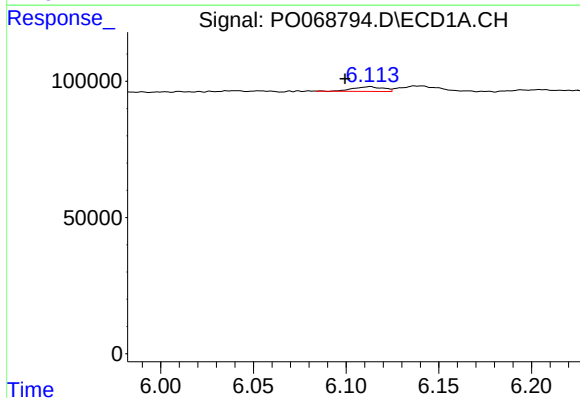
R.T.: 7.088 min
Delta R.T.: 0.013 min
Response: 482523
Conc: 637.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



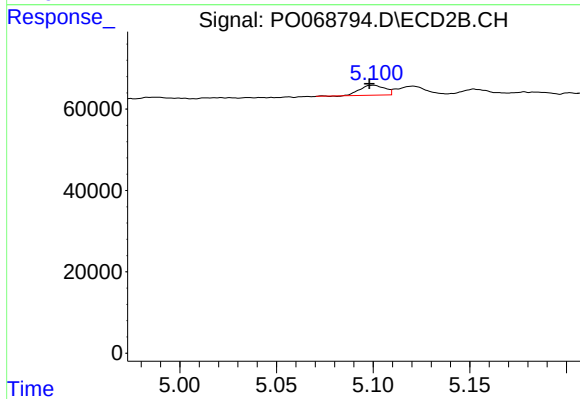
#20 AR-1242-5

R.T.: 5.967 min
Delta R.T.: 0.002 min
Response: 2288754
Conc: 1908.42 ng/ml



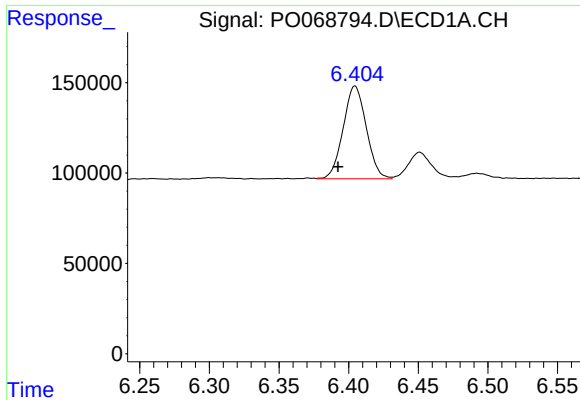
#21 AR-1248-1

R.T.: 6.113 min
Delta R.T.: 0.014 min
Response: 19466
Conc: 27.49 ng/ml



#21 AR-1248-1

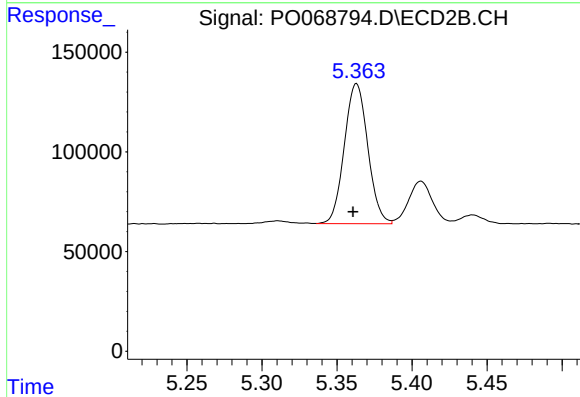
R.T.: 5.100 min
Delta R.T.: 0.002 min
Response: 21931
Conc: 24.09 ng/ml



#22 AR-1248-2

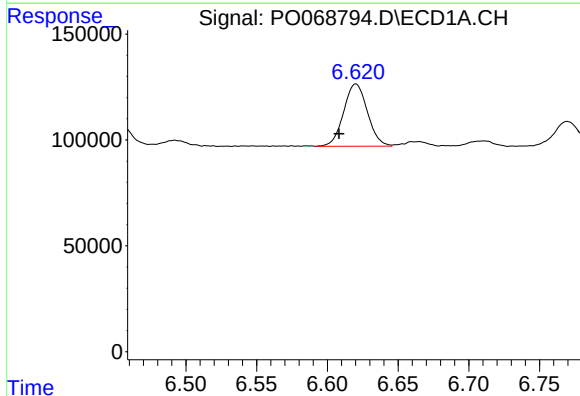
R.T.: 6.405 min
Delta R.T.: 0.012 min
Response: 592147
Conc: 690.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



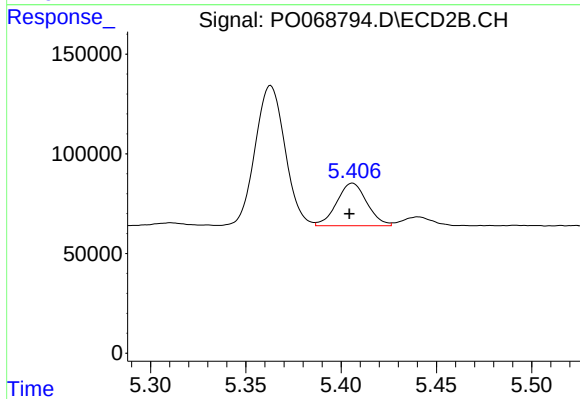
#22 AR-1248-2

R.T.: 5.363 min
Delta R.T.: 0.002 min
Response: 764530
Conc: 641.52 ng/ml



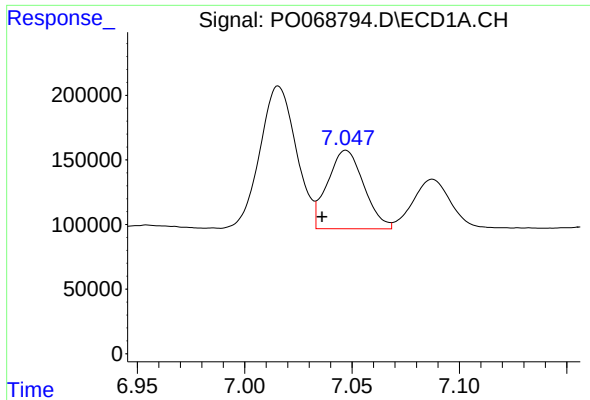
#23 AR-1248-3

R.T.: 6.620 min
Delta R.T.: 0.012 min
Response: 344405
Conc: 335.79 ng/ml



#23 AR-1248-3

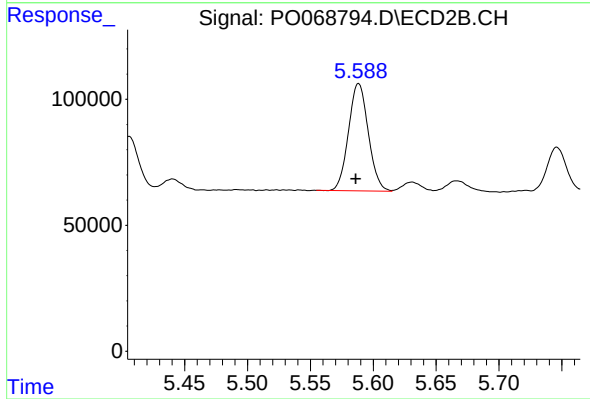
R.T.: 5.406 min
Delta R.T.: 0.002 min
Response: 235406
Conc: 201.69 ng/ml



#24 AR-1248-4

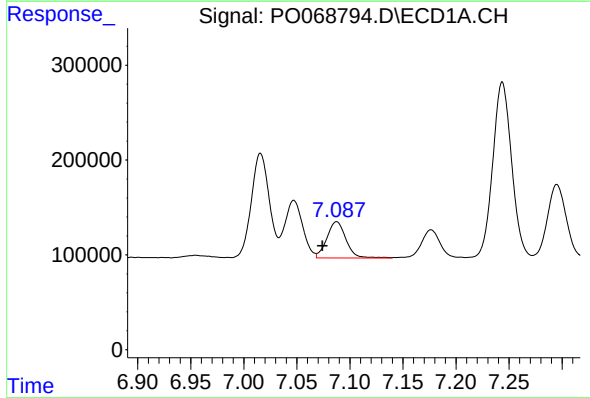
R.T.: 7.047 min
Delta R.T.: 0.011 min
Response: 715371
Conc: 559.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



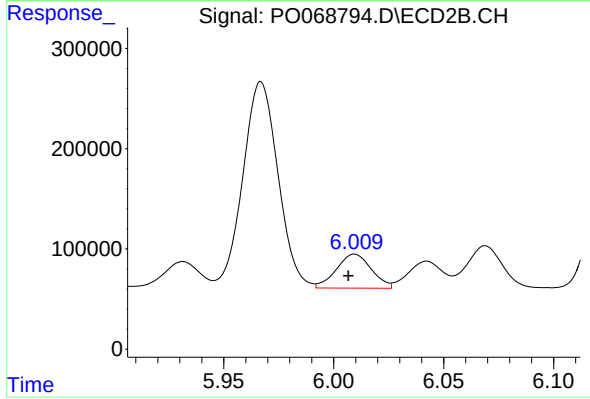
#24 AR-1248-4

R.T.: 5.588 min
Delta R.T.: 0.002 min
Response: 467018
Conc: 319.42 ng/ml



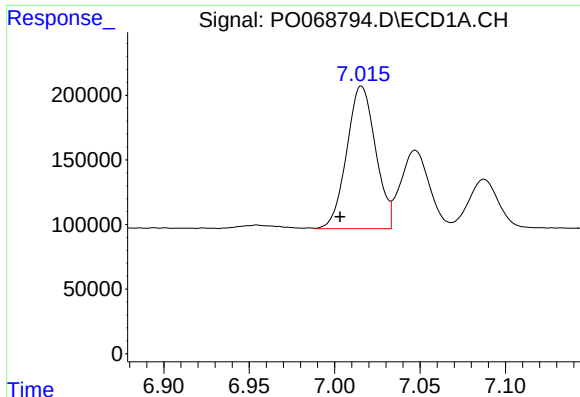
#25 AR-1248-5

R.T.: 7.088 min
Delta R.T.: 0.013 min
Response: 482523
Conc: 405.67 ng/ml



#25 AR-1248-5

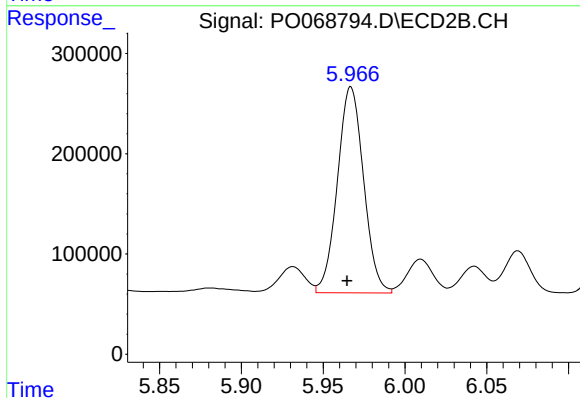
R.T.: 6.010 min
Delta R.T.: 0.003 min
Response: 375864
Conc: 241.91 ng/ml



#26 AR-1254-1

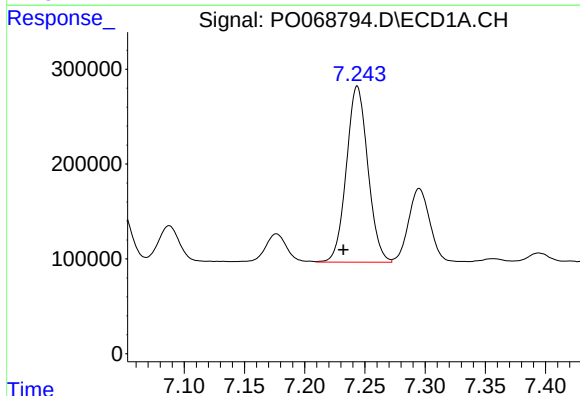
R.T.: 7.016 min
Delta R.T.: 0.013 min
Response: 1296821
Conc: 1021.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



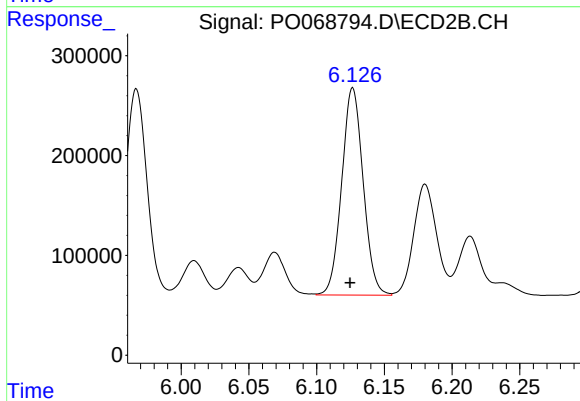
#26 AR-1254-1

R.T.: 5.967 min
Delta R.T.: 0.002 min
Response: 2288754
Conc: 926.19 ng/ml



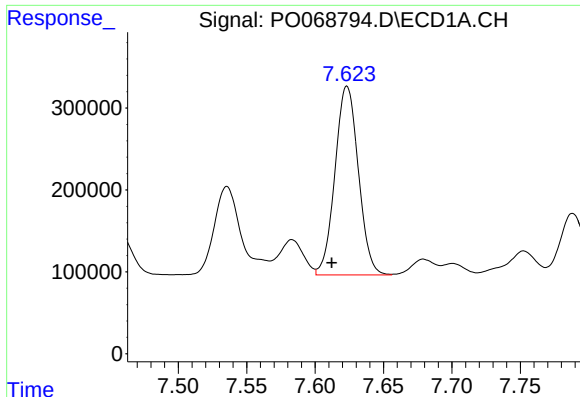
#27 AR-1254-2

R.T.: 7.244 min
Delta R.T.: 0.012 min
Response: 2305638
Conc: 1132.73 ng/ml



#27 AR-1254-2

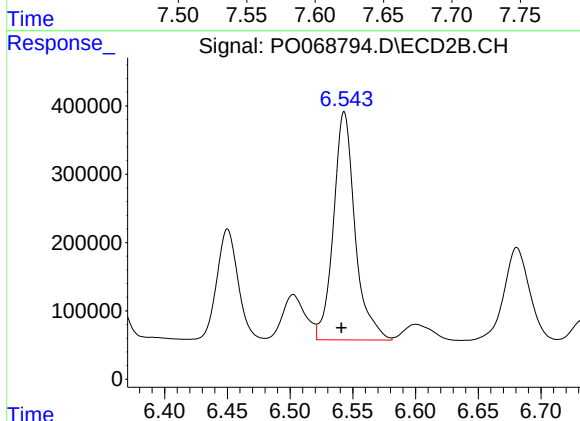
R.T.: 6.127 min
Delta R.T.: 0.002 min
Response: 2294216
Conc: 1027.58 ng/ml



#28 AR-1254-3

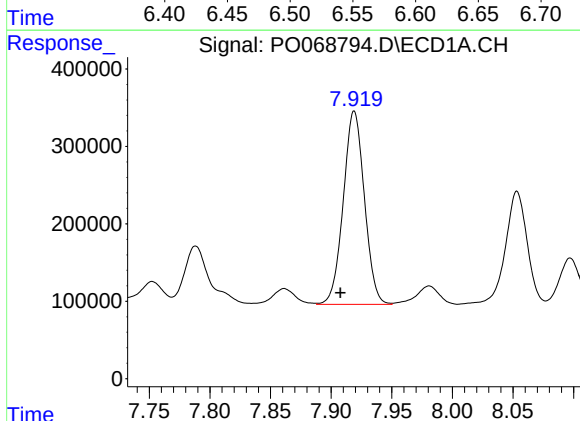
R.T.: 7.623 min
Delta R.T.: 0.011 min
Response: 2747280
Conc: 1292.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



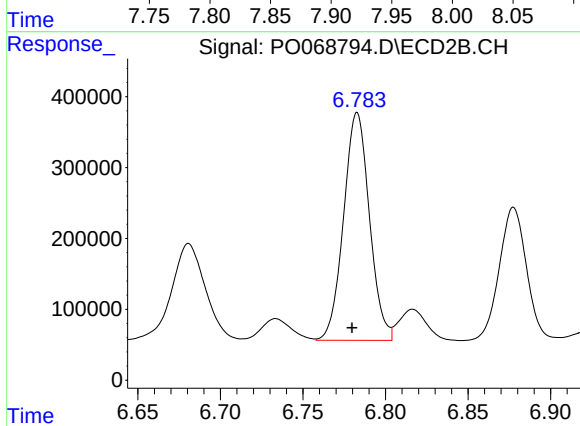
#28 AR-1254-3

R.T.: 6.543 min
Delta R.T.: 0.002 min
Response: 4005601
Conc: 1175.16 ng/ml



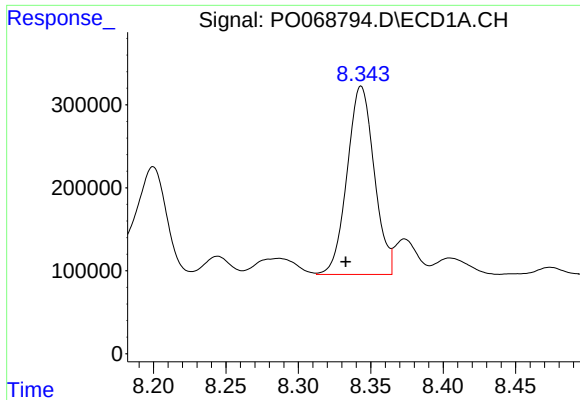
#29 AR-1254-4

R.T.: 7.919 min
Delta R.T.: 0.011 min
Response: 3031365
Conc: 1565.78 ng/ml



#29 AR-1254-4

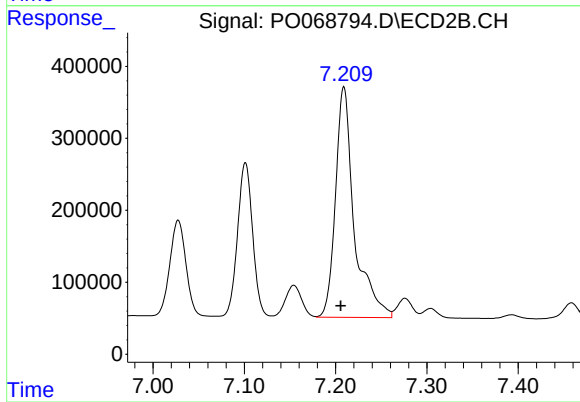
R.T.: 6.783 min
Delta R.T.: 0.003 min
Response: 3504762
Conc: 1464.61 ng/ml



#30 AR-1254-5

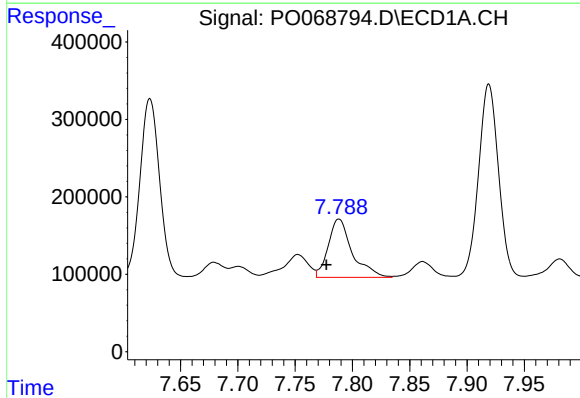
R.T.: 8.343 min
Delta R.T.: 0.011 min
Response: 2948261
Conc: 1576.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



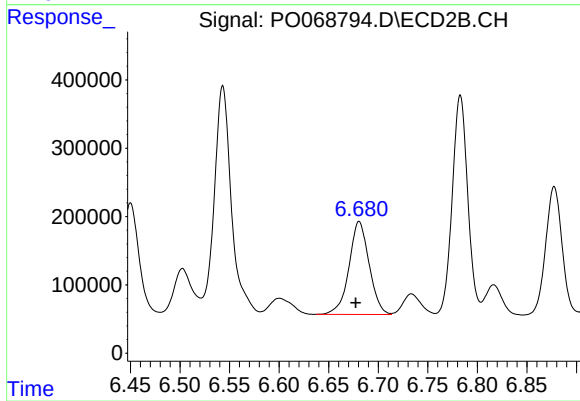
#30 AR-1254-5

R.T.: 7.209 min
Delta R.T.: 0.004 min
Response: 4581078
Conc: 1457.86 ng/ml



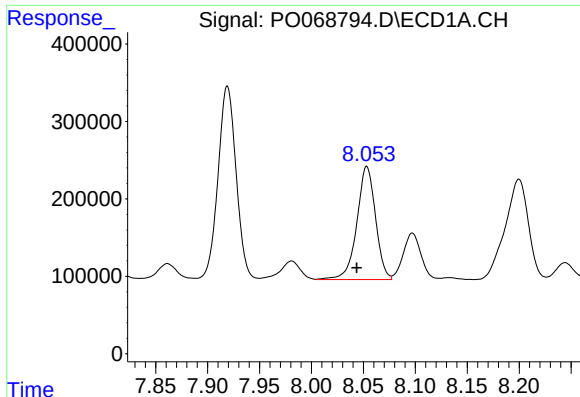
#31 AR-1260-1

R.T.: 7.788 min
Delta R.T.: 0.011 min
Response: 1092913
Conc: 720.12 ng/ml



#31 AR-1260-1

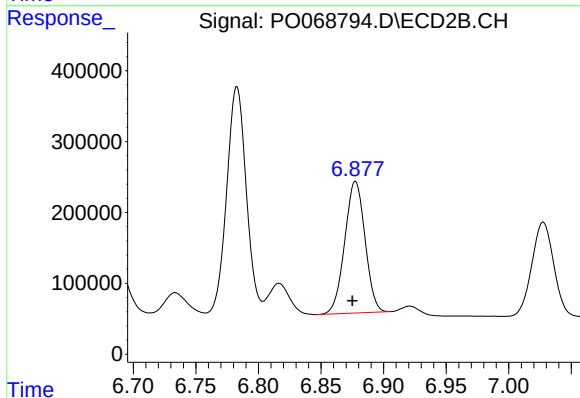
R.T.: 6.681 min
Delta R.T.: 0.003 min
Response: 1927335
Conc: 862.14 ng/ml



#32 AR-1260-2

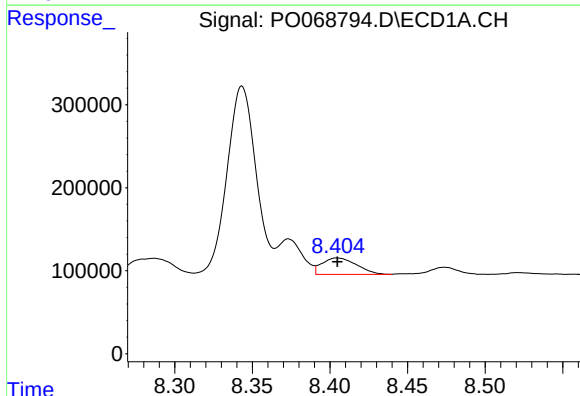
R.T.: 8.053 min
Delta R.T.: 0.010 min
Response: 1827877
Conc: 835.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



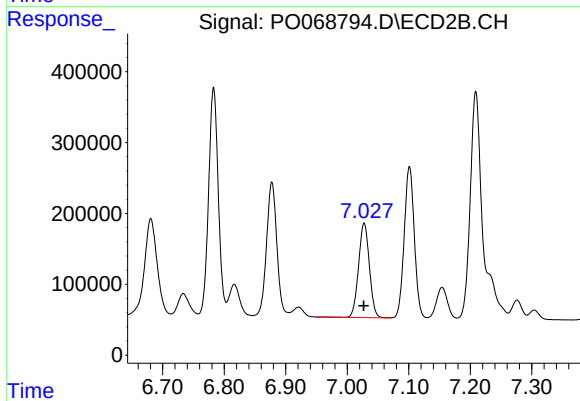
#32 AR-1260-2

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 2098180
Conc: 730.85 ng/ml



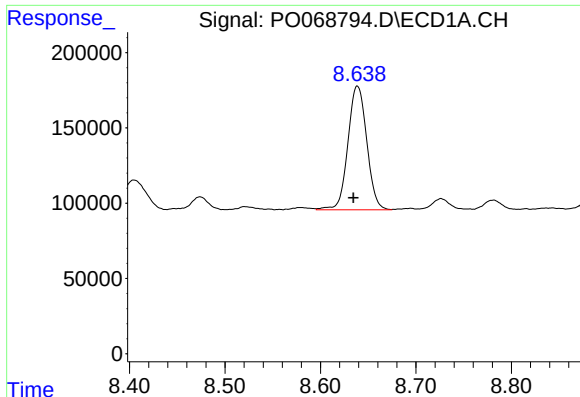
#33 AR-1260-3

R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 305876
Conc: 162.63 ng/ml



#33 AR-1260-3

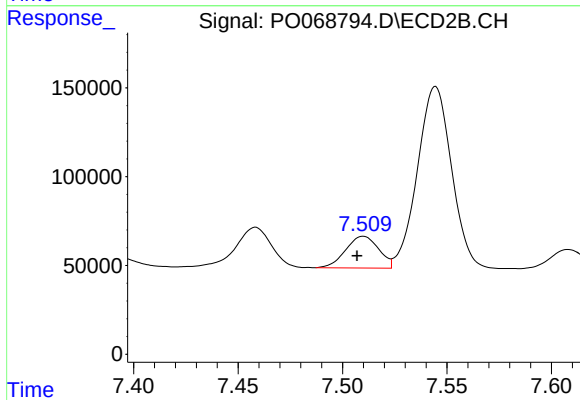
R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 1633749
Conc: 636.34 ng/ml



#34 AR-1260-4

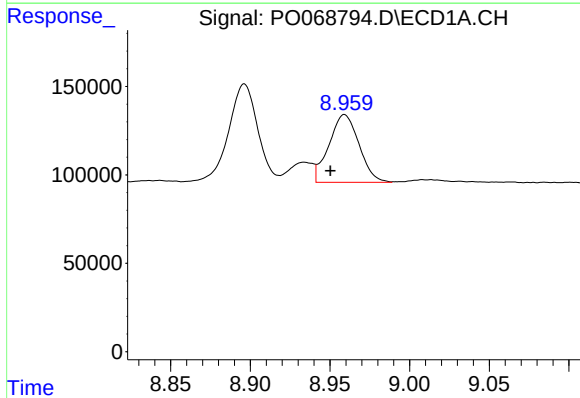
R.T.: 8.639 min
Delta R.T.: 0.004 min
Response: 1126249
Conc: 630.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



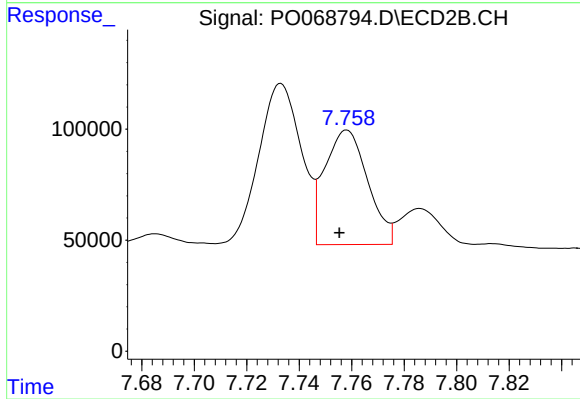
#34 AR-1260-4

R.T.: 7.510 min
Delta R.T.: 0.003 min
Response: 196721
Conc: 90.56 ng/ml



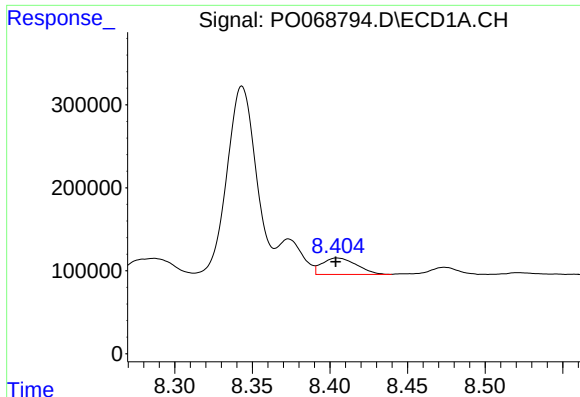
#35 AR-1260-5

R.T.: 8.959 min
Delta R.T.: 0.009 min
Response: 503428
Conc: 116.59 ng/ml



#35 AR-1260-5

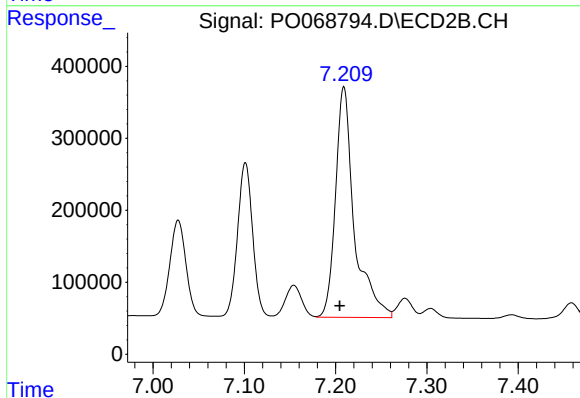
R.T.: 7.758 min
Delta R.T.: 0.003 min
Response: 584440
Conc: 105.76 ng/ml



#36 AR-1262-1

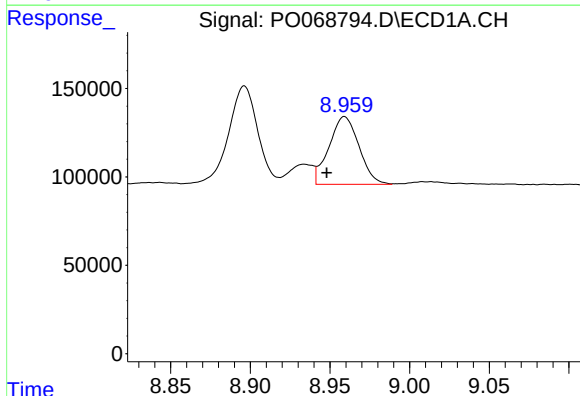
R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 305876
Conc: 114.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



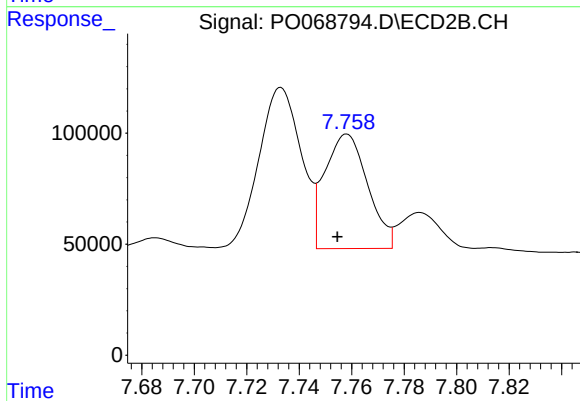
#36 AR-1262-1

R.T.: 7.209 min
Delta R.T.: 0.005 min
Response: 4581078
Conc: 2813.82 ng/ml



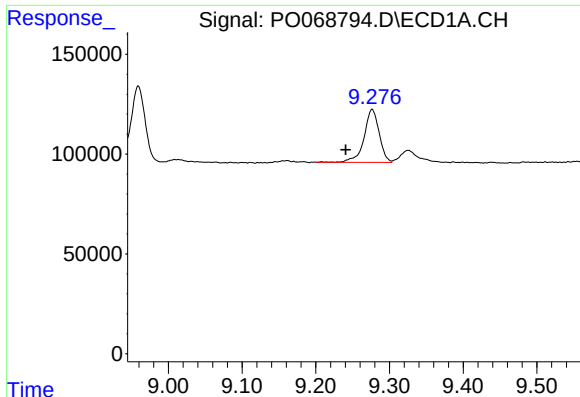
#37 AR-1262-2

R.T.: 8.959 min
Delta R.T.: 0.011 min
Response: 503428
Conc: 108.14 ng/ml



#37 AR-1262-2

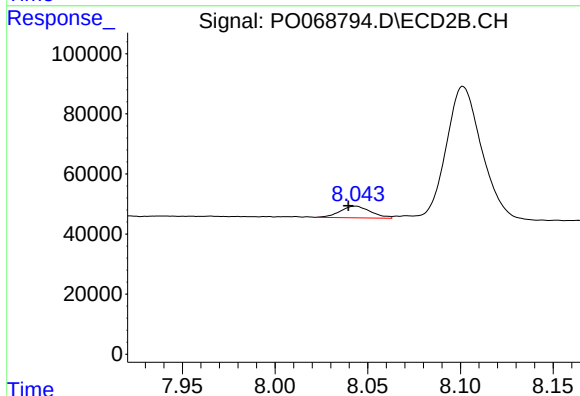
R.T.: 7.758 min
Delta R.T.: 0.004 min
Response: 584440
Conc: 104.33 ng/ml



#38 AR-1262-3

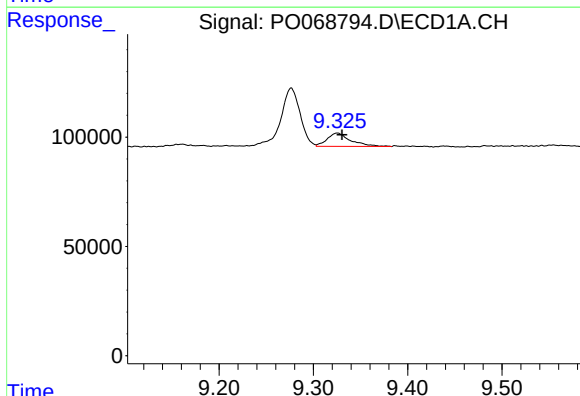
R.T.: 9.276 min
Delta R.T.: 0.036 min
Response: 379082
Conc: 121.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



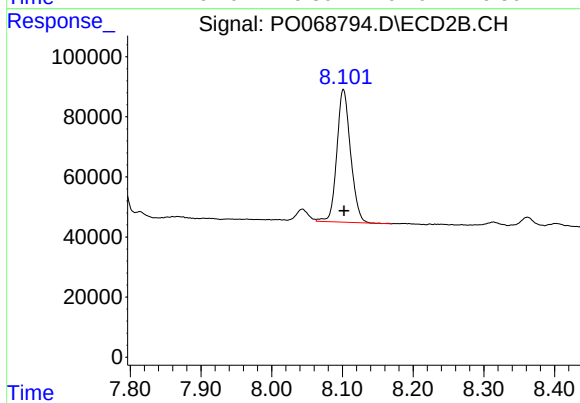
#38 AR-1262-3

R.T.: 8.043 min
Delta R.T.: 0.004 min
Response: 43945
Conc: 18.64 ng/ml



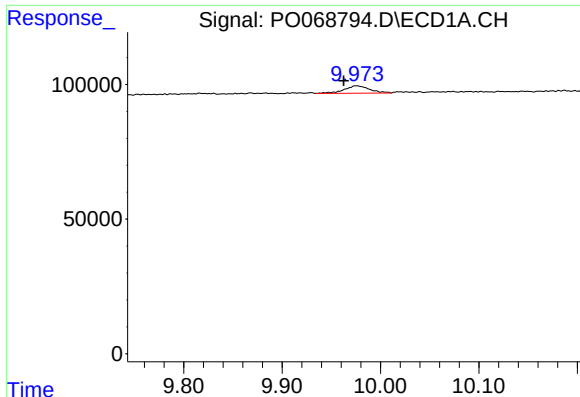
#39 AR-1262-4

R.T.: 9.325 min
Delta R.T.: -0.005 min
Response: 105781
Conc: 44.45 ng/ml



#39 AR-1262-4

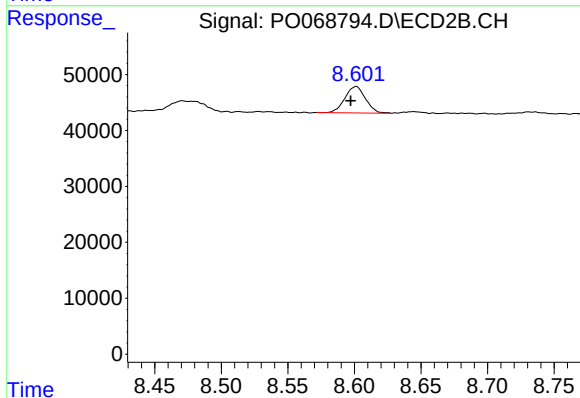
R.T.: 8.101 min
Delta R.T.: -0.001 min
Response: 594296
Conc: 143.39 ng/ml



#40 AR-1262-5

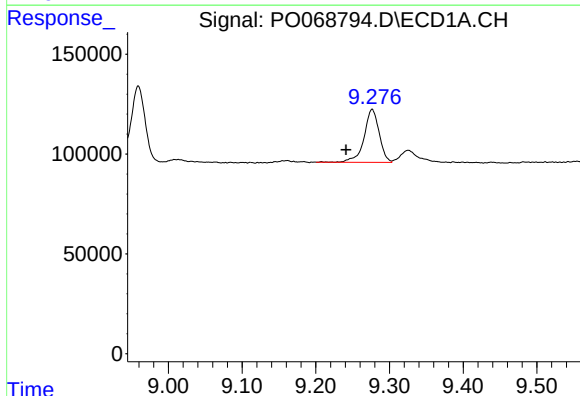
R.T.: 9.976 min
Delta R.T.: 0.013 min
Response: 49103
Conc: 26.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



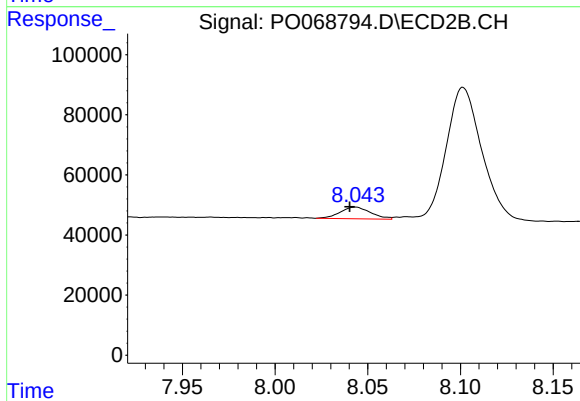
#40 AR-1262-5

R.T.: 8.601 min
Delta R.T.: 0.004 min
Response: 50815
Conc: 24.41 ng/ml



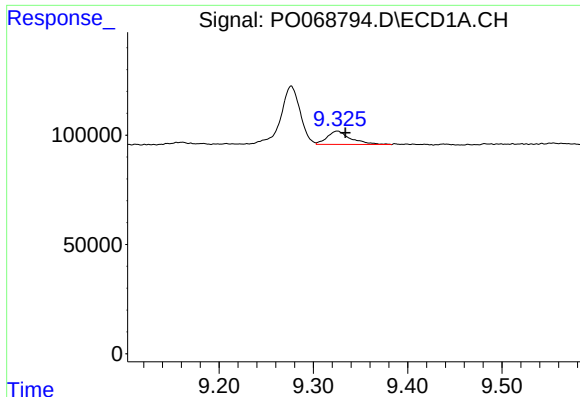
#41 AR-1268-1

R.T.: 9.276 min
Delta R.T.: 0.035 min
Response: 379082
Conc: 60.60 ng/ml



#41 AR-1268-1

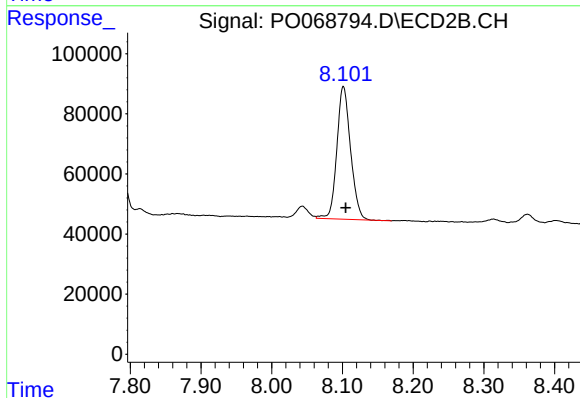
R.T.: 8.043 min
Delta R.T.: 0.003 min
Response: 43945
Conc: 6.13 ng/ml



#42 AR-1268-2

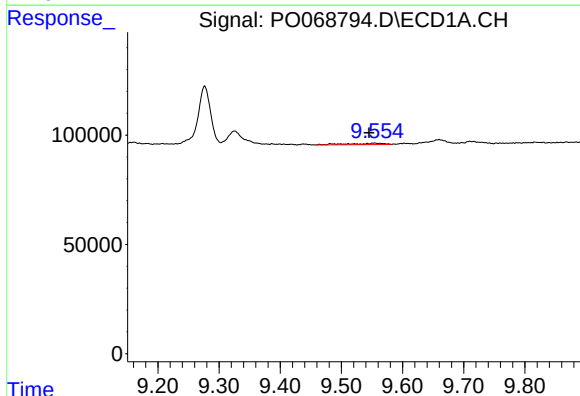
R.T.: 9.325 min
Delta R.T.: -0.008 min
Response: 105781
Conc: 19.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



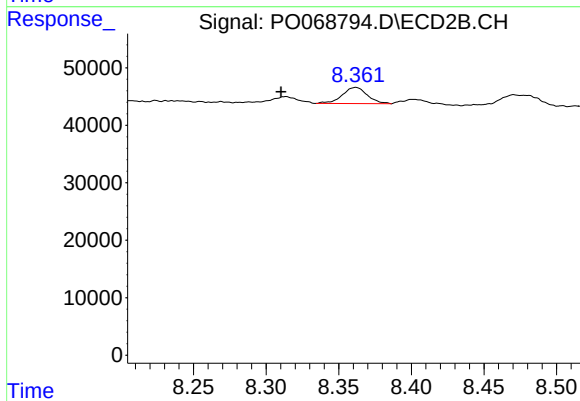
#42 AR-1268-2

R.T.: 8.101 min
Delta R.T.: -0.004 min
Response: 594296
Conc: 92.03 ng/ml



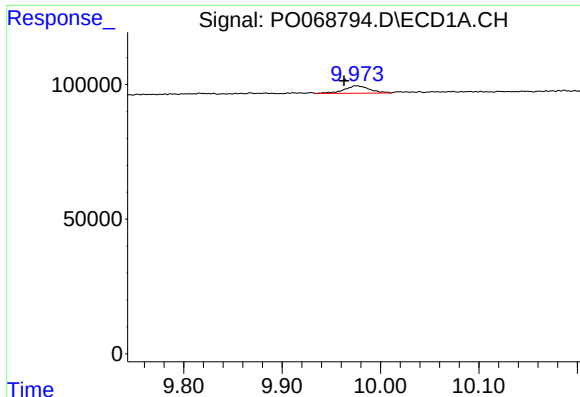
#43 AR-1268-3

R.T.: 9.555 min
Delta R.T.: 0.010 min
Response: 25605
Conc: 5.32 ng/ml



#43 AR-1268-3

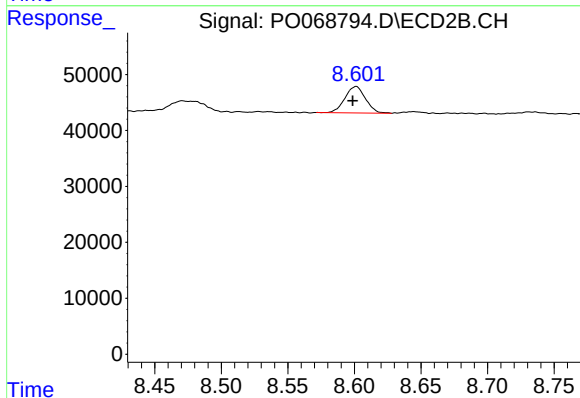
R.T.: 8.362 min
Delta R.T.: 0.052 min
Response: 33630
Conc: 6.22 ng/ml



#44 AR-1268-4

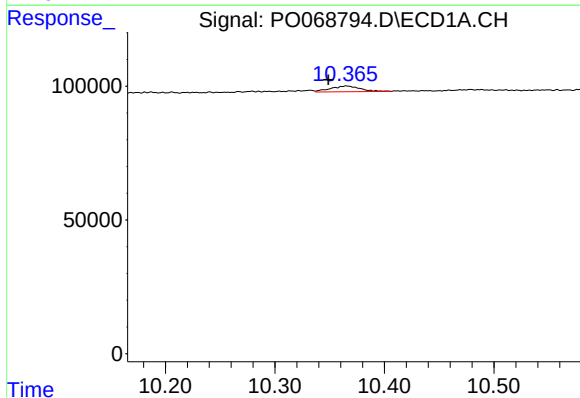
R.T.: 9.976 min
Delta R.T.: 0.013 min
Response: 49103
Conc: 22.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



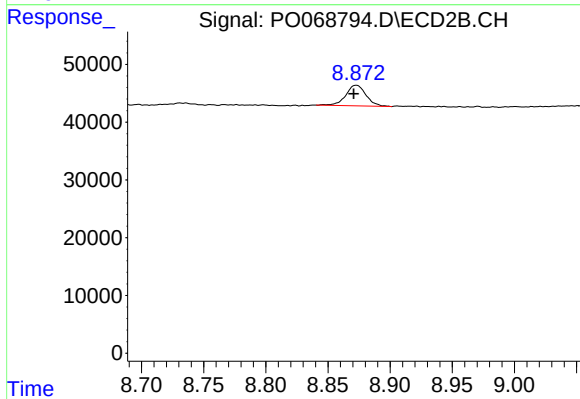
#44 AR-1268-4

R.T.: 8.601 min
Delta R.T.: 0.002 min
Response: 50815
Conc: 20.32 ng/ml



#45 AR-1268-5

R.T.: 10.365 min
Delta R.T.: 0.017 min
Response: 39608
Conc: 2.63 ng/ml



#45 AR-1268-5

R.T.: 8.873 min
Delta R.T.: 0.002 min
Response: 40399
Conc: 2.42 ng/ml