

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021219\
 Data File : P0053796.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Feb 2019 12:49
 Operator : SM/SJ
 Sample : K1425-20MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PM-20MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 00:31:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 11 14:15:10 2019
 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...	4.077	3.148	64277561	5051243	18.083	18.504
2) SA Decachlor...	9.439	7.739	18076970	4033362	14.396	14.432
Target Compounds						
3) L1 AR-1016-1	5.213	4.120	16383815	2095990	225.229	226.517
4) L1 AR-1016-2	5.233	4.134	23850539	3125882	228.176	215.922
5) L1 AR-1016-3	5.294	4.291	12929543	1707675	219.993	214.182
6) L1 AR-1016-4	5.391	4.333	10353130	1365153	202.279	251.195
7) L1 AR-1016-5	5.673	4.523	9450924	1608214	218.655	209.500
8) L2 AR-1221-1	4.349	0.000	709634	0	13.662	N.D. #
9) L2 AR-1221-2	4.371	3.417	6623242	307573	193.571	91.909 #
10) L2 AR-1221-3	4.448	3.482	17406415	1250683	146.109	103.573 #
11) L3 AR-1232-1	4.448	3.482	17406415	1250683	345.326	246.178 #
12) L3 AR-1232-2	4.954	4.134	14943384	3125882	688.588	480.854 #
13) L3 AR-1232-3	5.233	4.291	23850539	1707675	572.365	548.976
14) L3 AR-1232-4	5.391	4.368	10353130	1753478	510.127	701.688 #
15) L3 AR-1232-5	5.475	4.523	7506648	1608214	645.228	524.900
16) L4 AR-1242-1	5.213	4.120	16383815	2095990	272.865	269.628
17) L4 AR-1242-2	5.233	4.134	23850539	3125882	273.342	253.265
18) L4 AR-1242-3	5.294	4.291	12929543	1707675	264.477	279.159
19) L4 AR-1242-4	5.391	4.368	10353130	1753478	244.247	314.325 #
20) L4 AR-1242-5	6.105	4.843	1985991	1685926	52.916	218.108 #
21) L5 AR-1248-1	5.213	4.120	16383815	2095990	366.428	349.977
22) L5 AR-1248-2	5.475	4.333	7506648	1365153	144.077	173.503
23) L5 AR-1248-3	5.673	4.368	9450924	1753478	154.736	215.246 #
24) L5 AR-1248-4	6.065	4.523	6449556	1608214	101.302	152.381 #
25) L5 AR-1248-5	6.105	4.922	1985991	1127879	32.908	103.777 #
26) L6 AR-1254-1	6.039	4.843	8011489	1685926	50.274	41.224
27) L6 AR-1254-2	6.250	4.982	11116000	1923468	45.352	56.139
28) L6 AR-1254-3	6.627	5.368	9833137	4341047	39.492	78.613 #
29) L6 AR-1254-4	6.893	5.572	3482248	803783	19.267	22.413
30) L6 AR-1254-5	7.303	5.960	21205823	16613332	122.821	411.361 #
31) L7 AR-1260-1	6.767	5.472	16095645	4405560	242.862	279.560
32) L7 AR-1260-2	7.026	5.655	43898995	6349684	523.392	334.457 #
33) L7 AR-1260-3	7.370	5.791	12939309	4341941	247.739	248.482
34) L7 AR-1260-4	7.595	6.235	12943081	2721752	236.393	235.123
35) L7 AR-1260-5	7.900	6.477	26041834	6716241	218.747	228.613
36) L8 AR-1262-1	7.370	5.993	12939309	2967027	141.271	145.620
37) L8 AR-1262-2	7.900	6.477	26041834	6716241	166.728	189.320
38) L8 AR-1262-3	8.195	6.738	10577677	1377264	330.761	100.648 #
39) L8 AR-1262-4	8.238	6.801	9953699	4668507	126.408	179.898 #
40) L8 AR-1262-5	8.826	7.285	6478310	1332352	120.412	112.136
41) L9 AR-1268-1	8.168	6.738	5647266	1377264	29.683	33.511

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 ALS Vial : 15 Sample Multiplier: 1

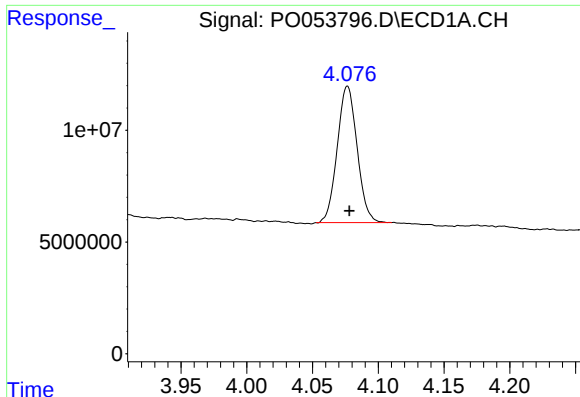
Instrument :
 ECD_O
 ClientSampleId :
 PM-20MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021119.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	8.238	6.801	9953699	4668507	55.464	120.144 #
44) L9	AR-1268-4	8.826	7.285	6478310	1332352	106.421	99.683
45) L9	AR-1268-5	9.168	7.539	2111519	615882	4.363	6.111 #

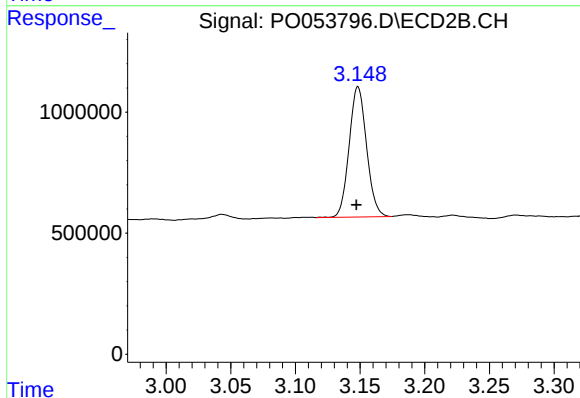
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

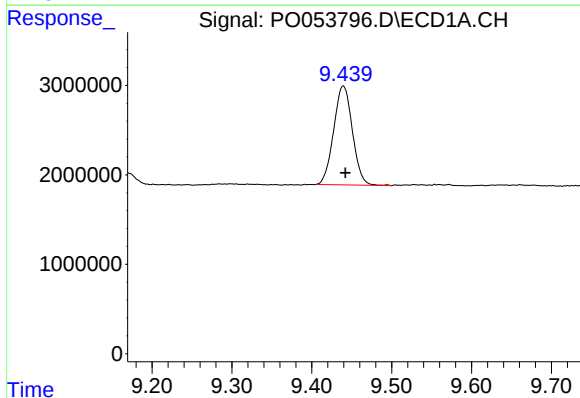
R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 64277561
Conc: 18.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



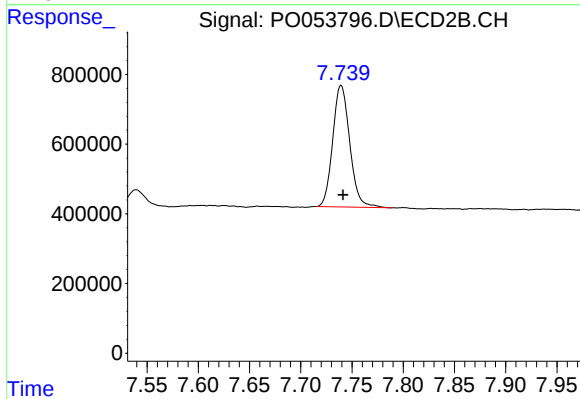
#1 Tetrachloro-m-xylene

R.T.: 3.148 min
Delta R.T.: 0.001 min
Response: 5051243
Conc: 18.50 ng/ml



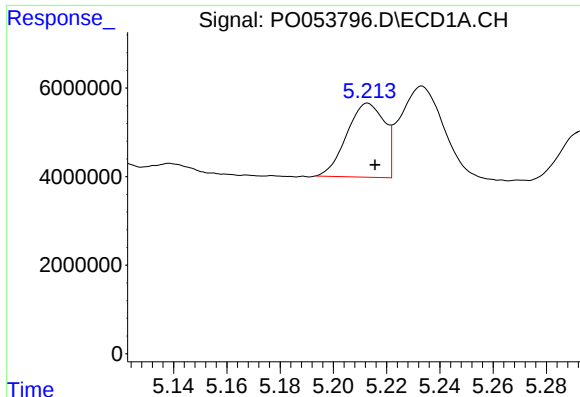
#2 Decachlorobiphenyl

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 18076970
Conc: 14.40 ng/ml



#2 Decachlorobiphenyl

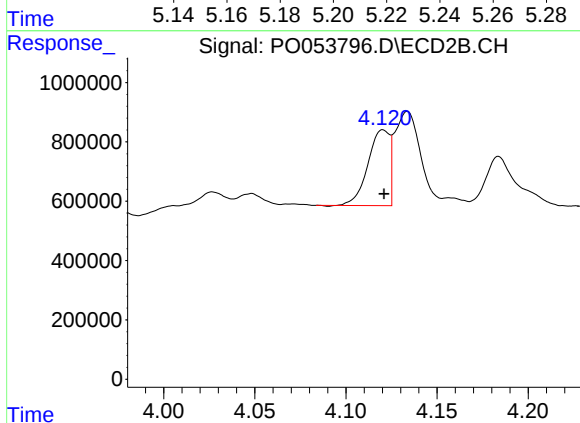
R.T.: 7.739 min
Delta R.T.: -0.002 min
Response: 4033362
Conc: 14.43 ng/ml



#3 AR-1016-1

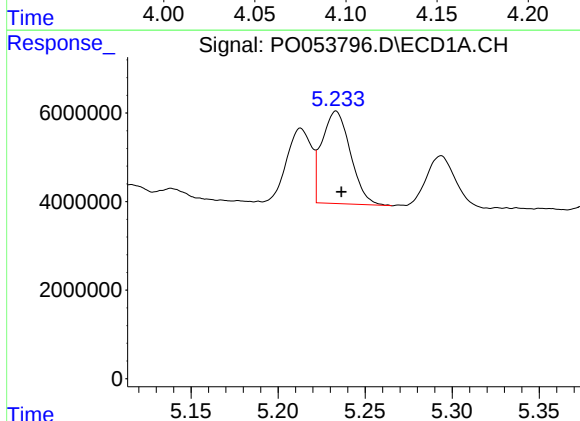
R.T.: 5.213 min
Delta R.T.: -0.003 min
Response: 16383815
Conc: 225.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



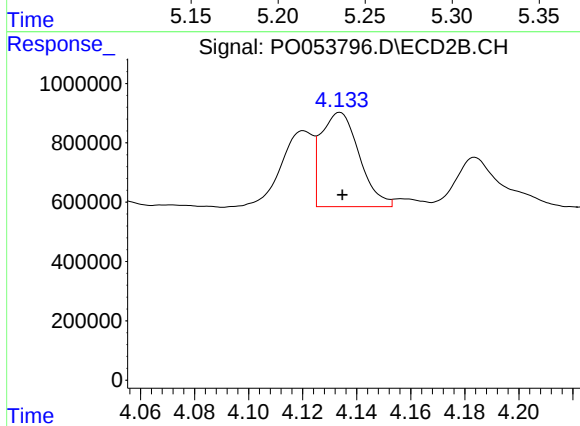
#3 AR-1016-1

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 2095990
Conc: 226.52 ng/ml



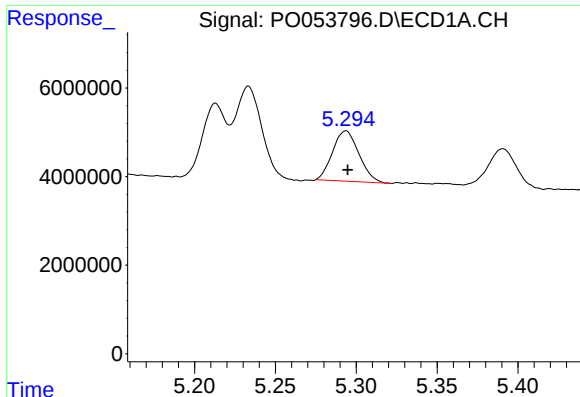
#4 AR-1016-2

R.T.: 5.233 min
Delta R.T.: -0.003 min
Response: 23850539
Conc: 228.18 ng/ml



#4 AR-1016-2

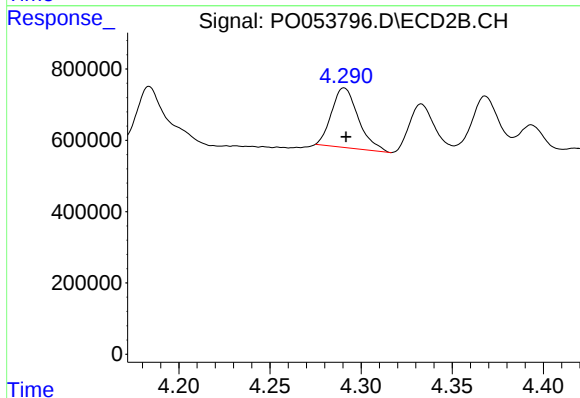
R.T.: 4.134 min
Delta R.T.: 0.000 min
Response: 3125882
Conc: 215.92 ng/ml



#5 AR-1016-3

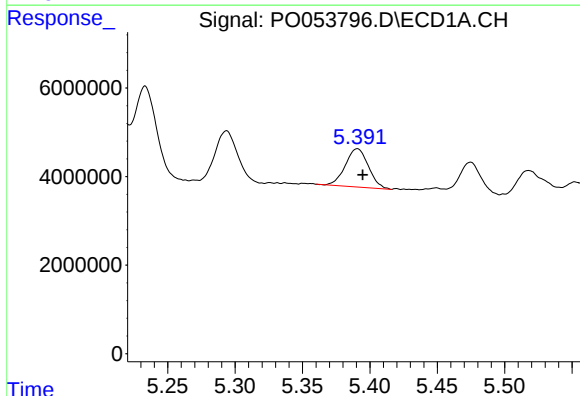
R.T.: 5.294 min
Delta R.T.: -0.001 min
Response: 12929543
Conc: 219.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



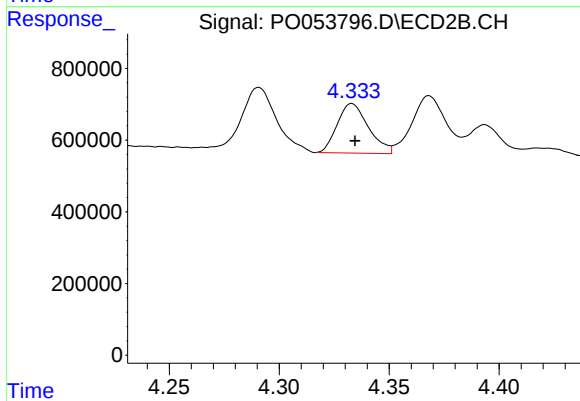
#5 AR-1016-3

R.T.: 4.291 min
Delta R.T.: -0.001 min
Response: 1707675
Conc: 214.18 ng/ml



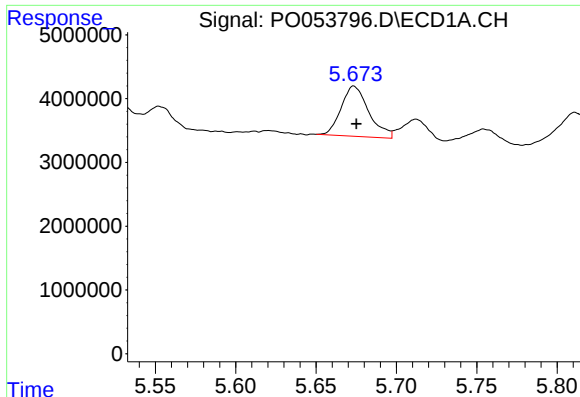
#6 AR-1016-4

R.T.: 5.391 min
Delta R.T.: -0.004 min
Response: 10353130
Conc: 202.28 ng/ml



#6 AR-1016-4

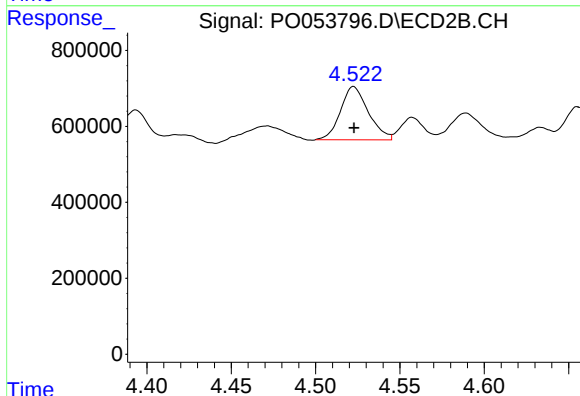
R.T.: 4.333 min
Delta R.T.: -0.001 min
Response: 1365153
Conc: 251.20 ng/ml



#7 AR-1016-5

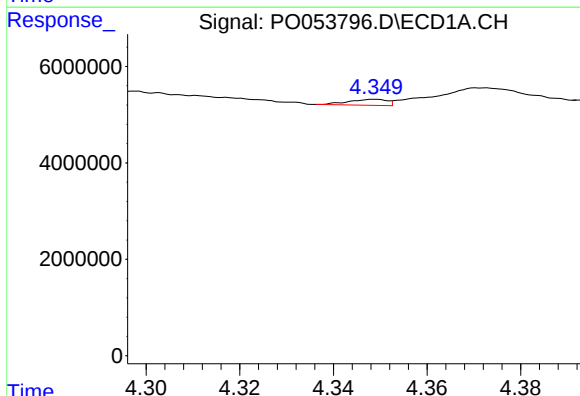
R.T.: 5.673 min
Delta R.T.: -0.002 min
Response: 9450924
Conc: 218.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



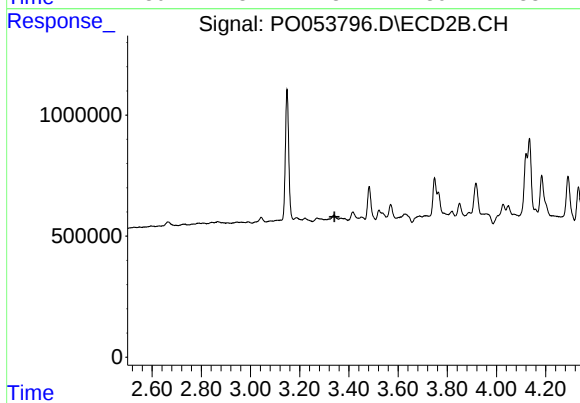
#7 AR-1016-5

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 1608214
Conc: 209.50 ng/ml



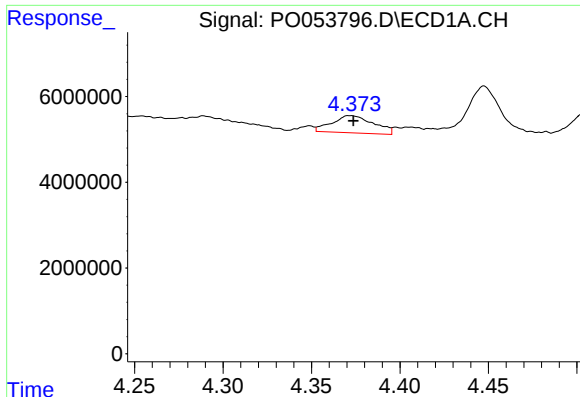
#8 AR-1221-1

R.T.: 4.349 min
Delta R.T.: 0.059 min
Response: 709634
Conc: 13.66 ng/ml



#8 AR-1221-1

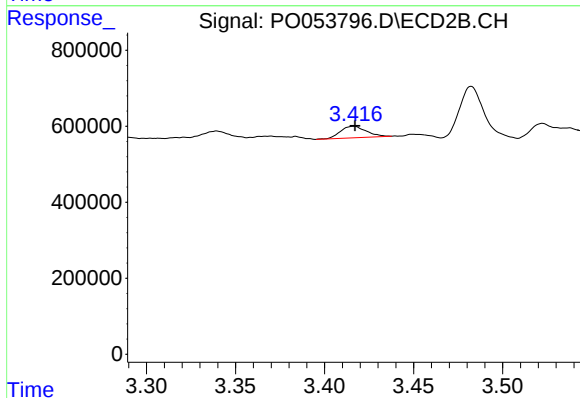
R.T.: 0.000 min
Exp R.T.: 3.341 min
Response: 0
Conc: N.D.



#9 AR-1221-2

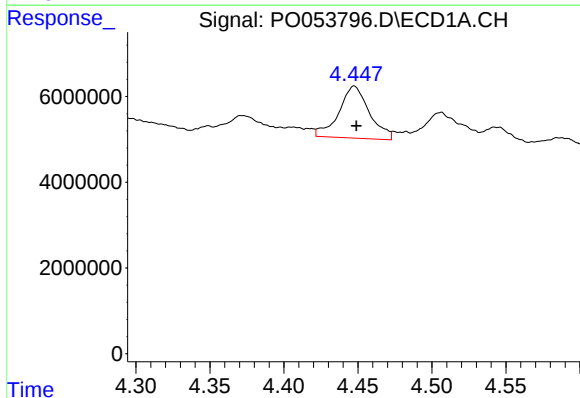
R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 6623242
Conc: 193.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



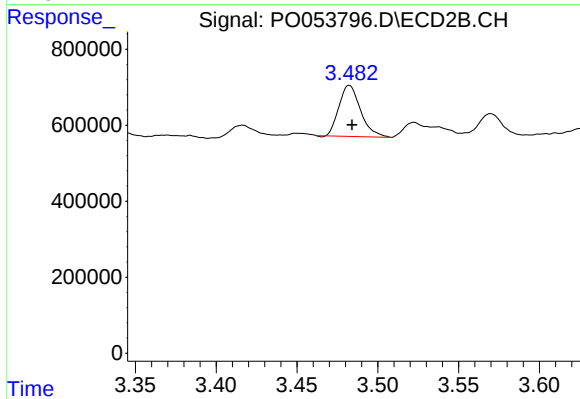
#9 AR-1221-2

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 307573
Conc: 91.91 ng/ml



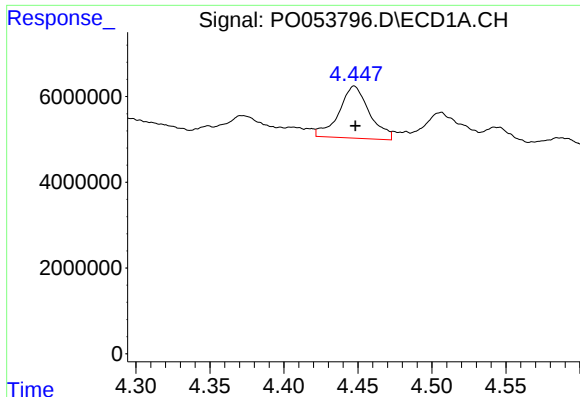
#10 AR-1221-3

R.T.: 4.448 min
Delta R.T.: -0.001 min
Response: 17406415
Conc: 146.11 ng/ml



#10 AR-1221-3

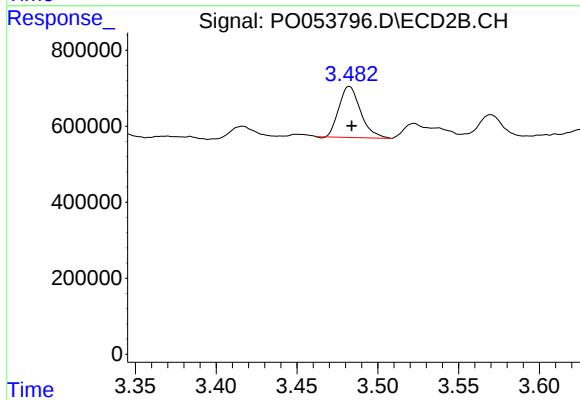
R.T.: 3.482 min
Delta R.T.: -0.002 min
Response: 1250683
Conc: 103.57 ng/ml



#11 AR-1232-1

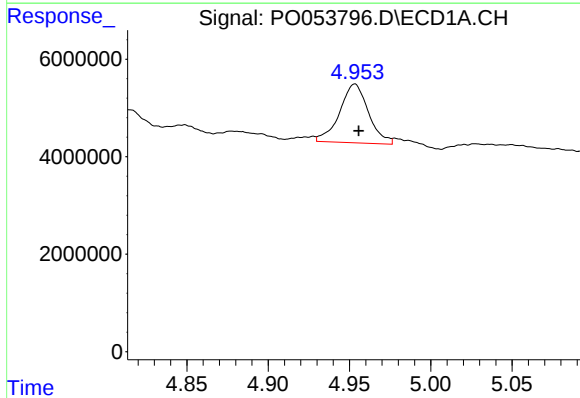
R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 17406415
Conc: 345.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



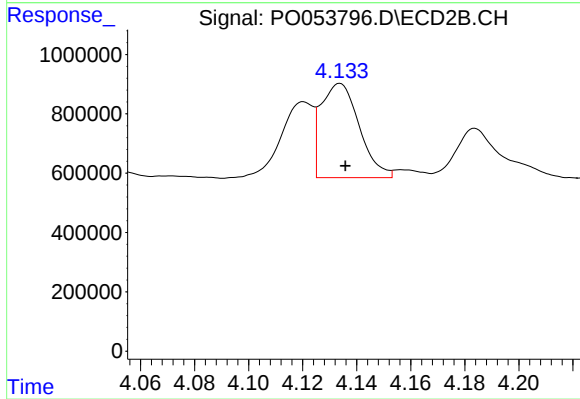
#11 AR-1232-1

R.T.: 3.482 min
Delta R.T.: -0.001 min
Response: 1250683
Conc: 246.18 ng/ml



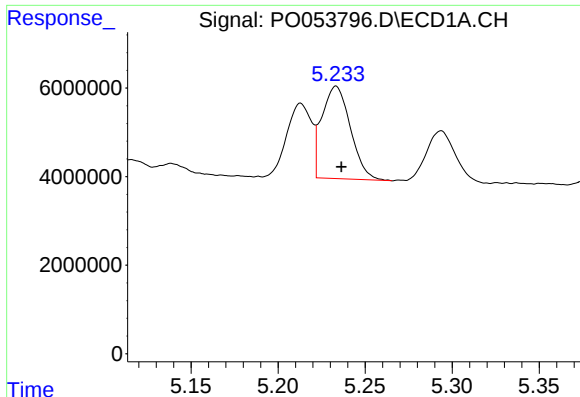
#12 AR-1232-2

R.T.: 4.954 min
Delta R.T.: -0.002 min
Response: 14943384
Conc: 688.59 ng/ml



#12 AR-1232-2

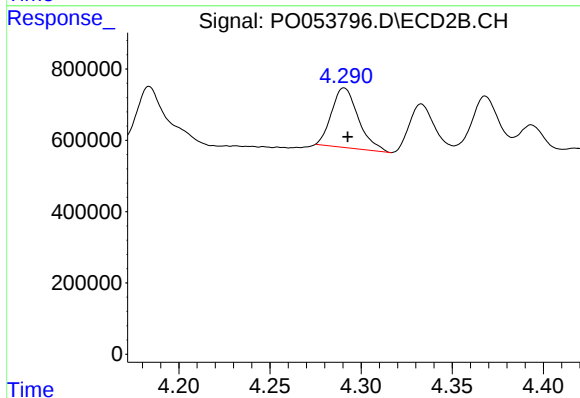
R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 3125882
Conc: 480.85 ng/ml



#13 AR-1232-3

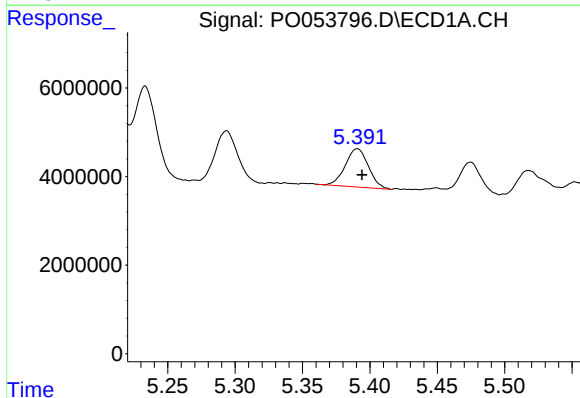
R.T.: 5.233 min
Delta R.T.: -0.003 min
Response: 23850539
Conc: 572.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



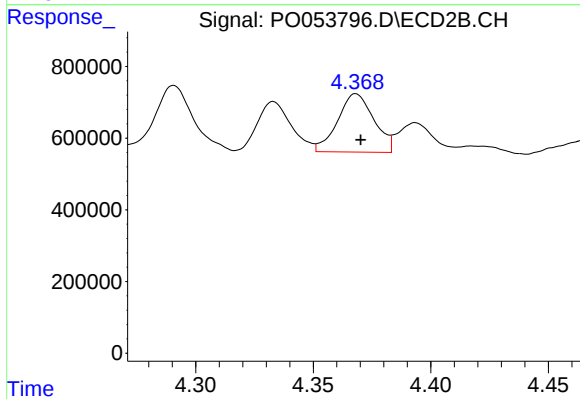
#13 AR-1232-3

R.T.: 4.291 min
Delta R.T.: -0.002 min
Response: 1707675
Conc: 548.98 ng/ml



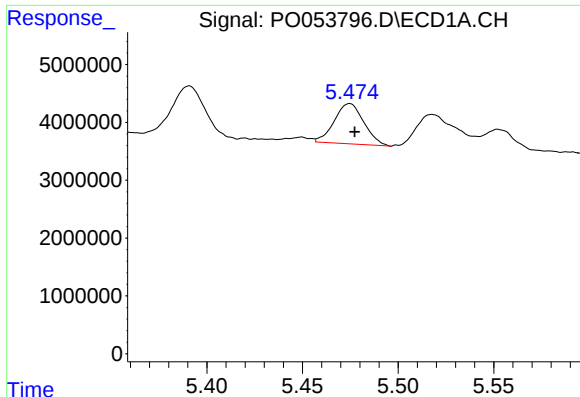
#14 AR-1232-4

R.T.: 5.391 min
Delta R.T.: -0.003 min
Response: 10353130
Conc: 510.13 ng/ml



#14 AR-1232-4

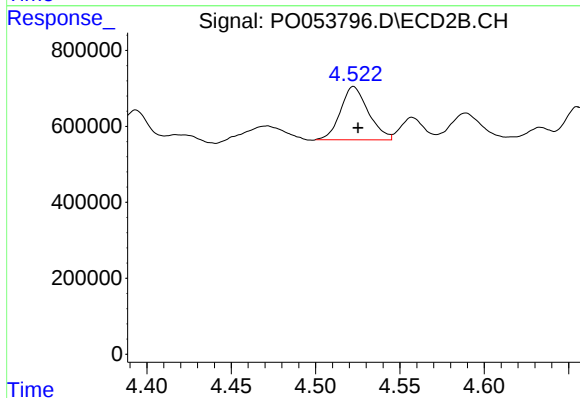
R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 1753478
Conc: 701.69 ng/ml



#15 AR-1232-5

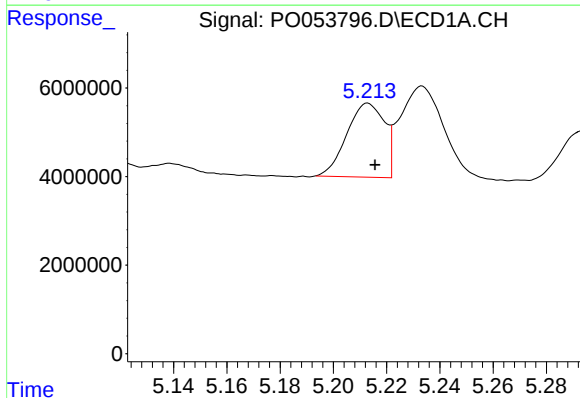
R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 7506648
Conc: 645.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



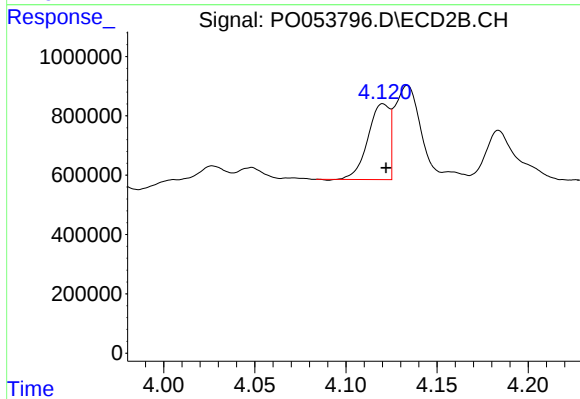
#15 AR-1232-5

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 1608214
Conc: 524.90 ng/ml



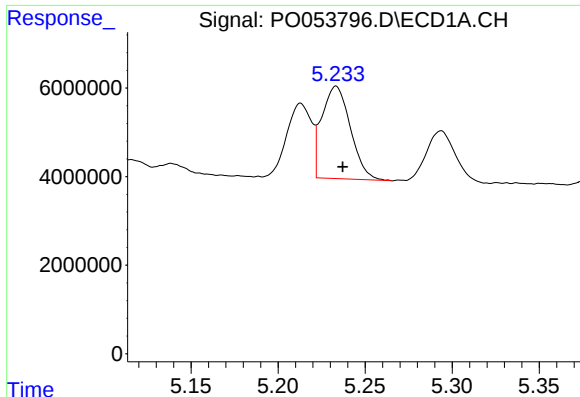
#16 AR-1242-1

R.T.: 5.213 min
Delta R.T.: -0.003 min
Response: 16383815
Conc: 272.87 ng/ml



#16 AR-1242-1

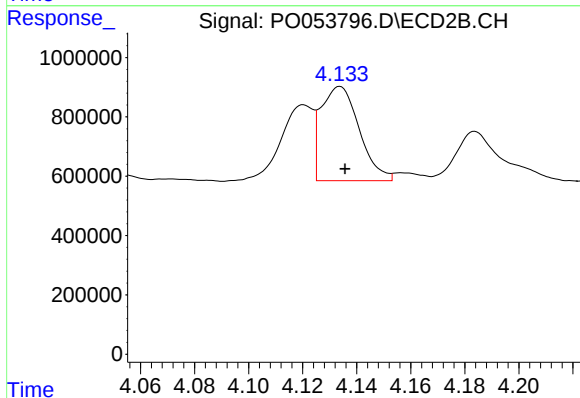
R.T.: 4.120 min
Delta R.T.: -0.002 min
Response: 2095990
Conc: 269.63 ng/ml



#17 AR-1242-2

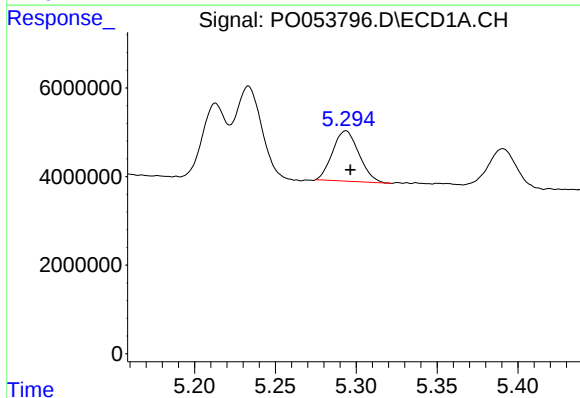
R.T.: 5.233 min
Delta R.T.: -0.004 min
Response: 23850539
Conc: 273.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



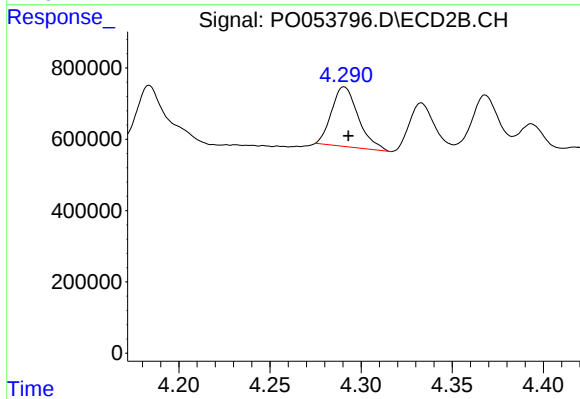
#17 AR-1242-2

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 3125882
Conc: 253.27 ng/ml



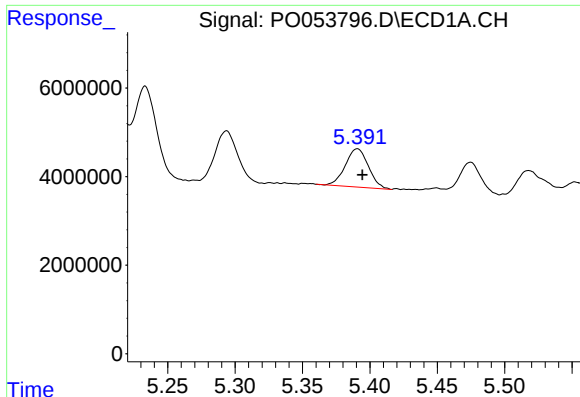
#18 AR-1242-3

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 12929543
Conc: 264.48 ng/ml



#18 AR-1242-3

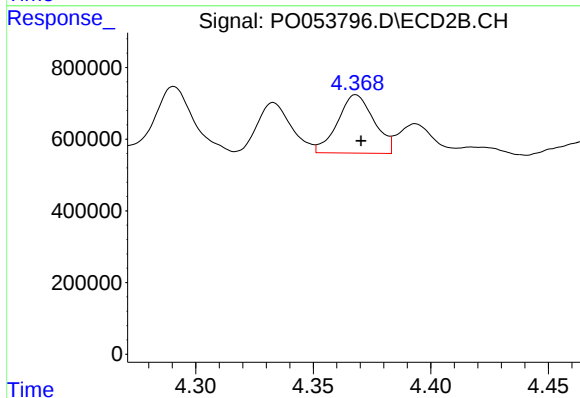
R.T.: 4.291 min
Delta R.T.: -0.002 min
Response: 1707675
Conc: 279.16 ng/ml



#19 AR-1242-4

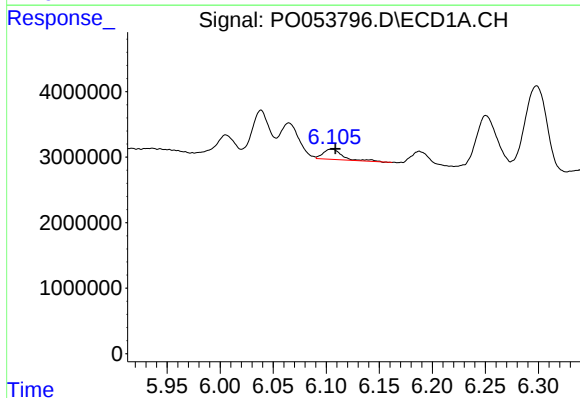
R.T.: 5.391 min
Delta R.T.: -0.003 min
Response: 10353130
Conc: 244.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



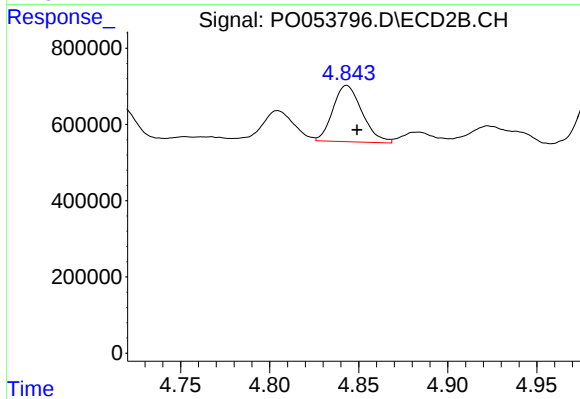
#19 AR-1242-4

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 1753478
Conc: 314.32 ng/ml



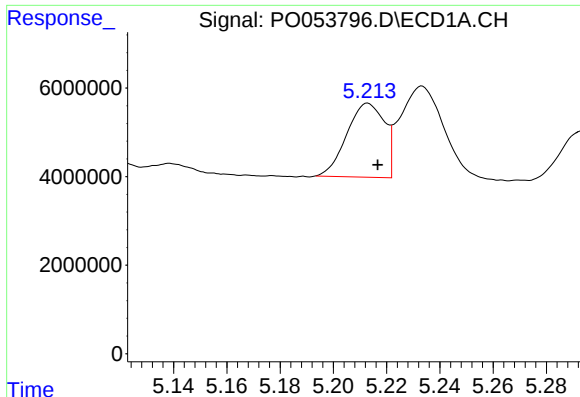
#20 AR-1242-5

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 1985991
Conc: 52.92 ng/ml



#20 AR-1242-5

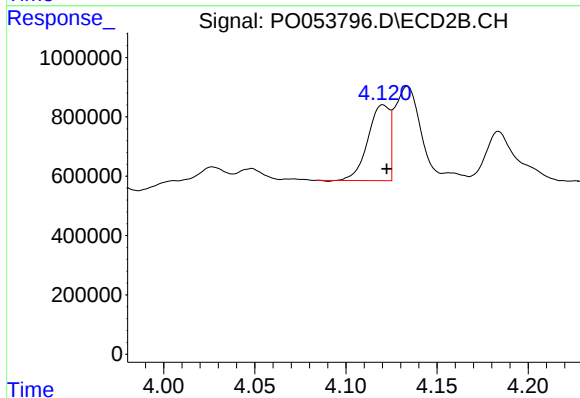
R.T.: 4.843 min
Delta R.T.: -0.006 min
Response: 1685926
Conc: 218.11 ng/ml



#21 AR-1248-1

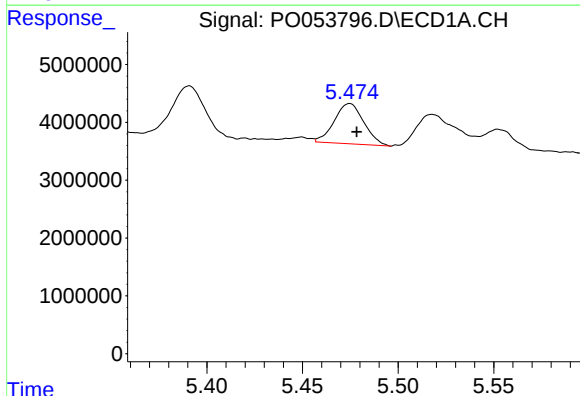
R.T.: 5.213 min
Delta R.T.: -0.004 min
Response: 16383815
Conc: 366.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



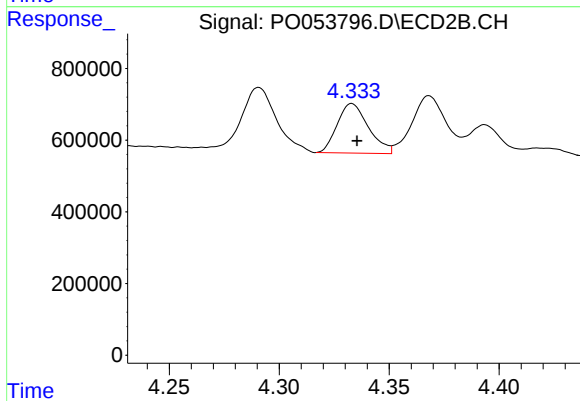
#21 AR-1248-1

R.T.: 4.120 min
Delta R.T.: -0.002 min
Response: 2095990
Conc: 349.98 ng/ml



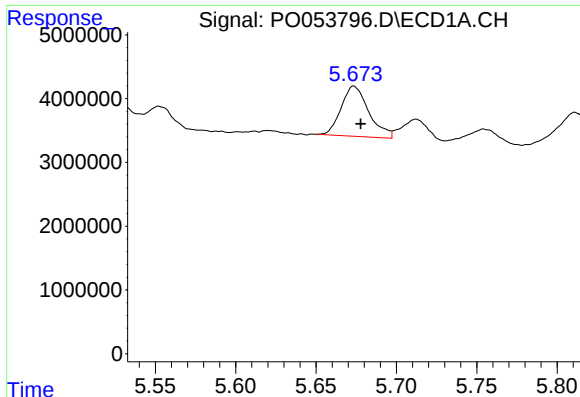
#22 AR-1248-2

R.T.: 5.475 min
Delta R.T.: -0.004 min
Response: 7506648
Conc: 144.08 ng/ml



#22 AR-1248-2

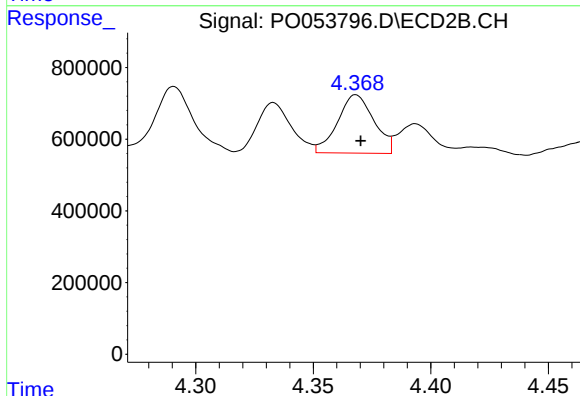
R.T.: 4.333 min
Delta R.T.: -0.002 min
Response: 1365153
Conc: 173.50 ng/ml



#23 AR-1248-3

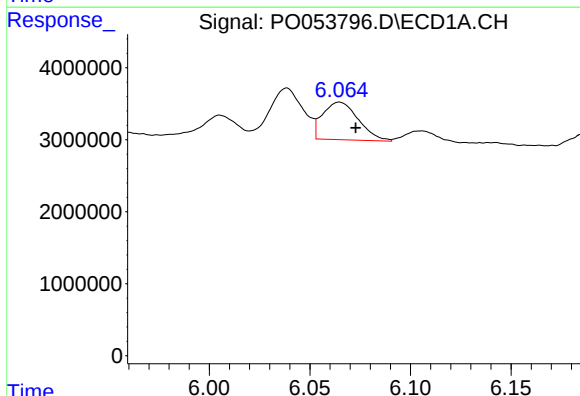
R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 9450924
Conc: 154.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



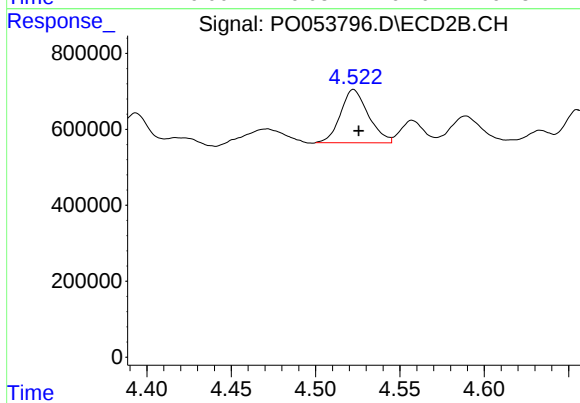
#23 AR-1248-3

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 1753478
Conc: 215.25 ng/ml



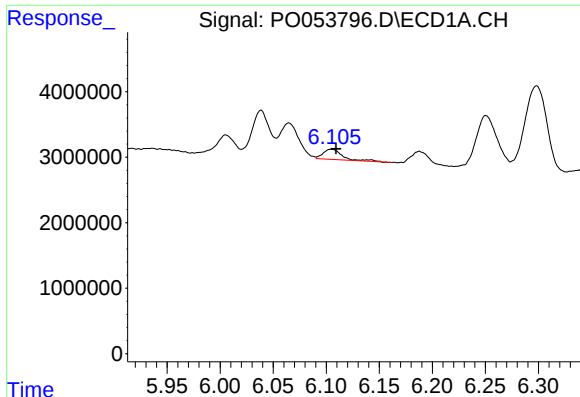
#24 AR-1248-4

R.T.: 6.065 min
Delta R.T.: -0.008 min
Response: 6449556
Conc: 101.30 ng/ml



#24 AR-1248-4

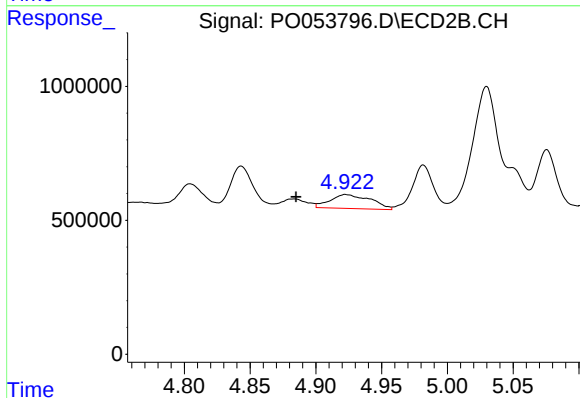
R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 1608214
Conc: 152.38 ng/ml



#25 AR-1248-5

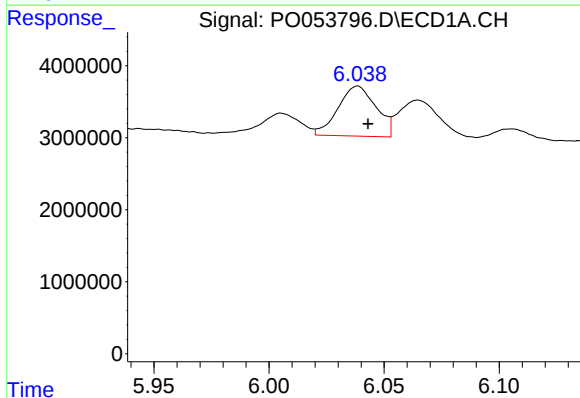
R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 1985991
Conc: 32.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



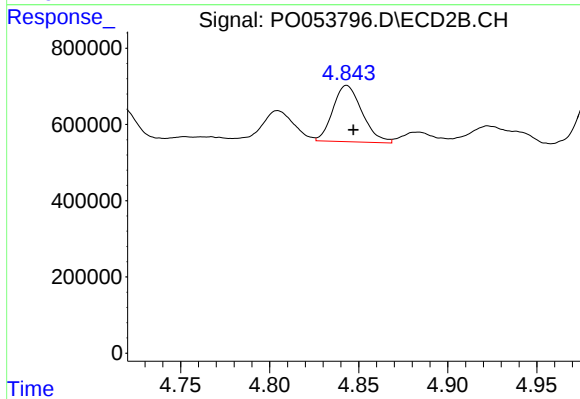
#25 AR-1248-5

R.T.: 4.922 min
Delta R.T.: 0.037 min
Response: 1127879
Conc: 103.78 ng/ml



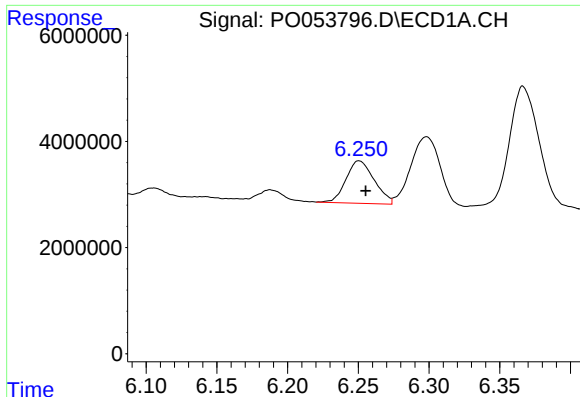
#26 AR-1254-1

R.T.: 6.039 min
Delta R.T.: -0.004 min
Response: 8011489
Conc: 50.27 ng/ml



#26 AR-1254-1

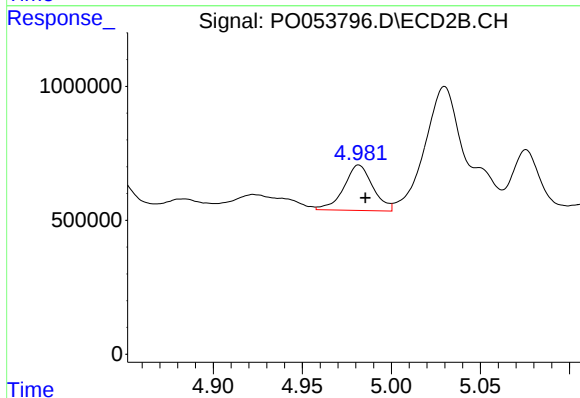
R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 1685926
Conc: 41.22 ng/ml



#27 AR-1254-2

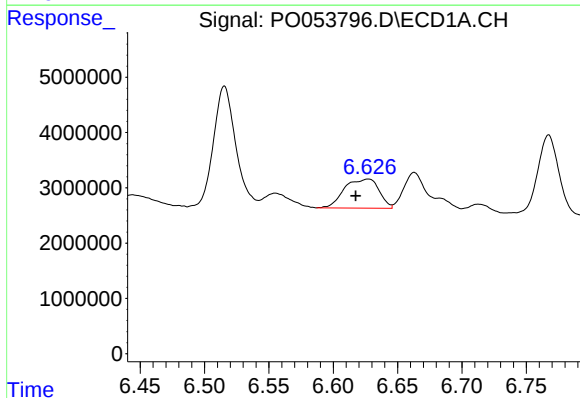
R.T.: 6.250 min
Delta R.T.: -0.005 min
Response: 11116000
Conc: 45.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



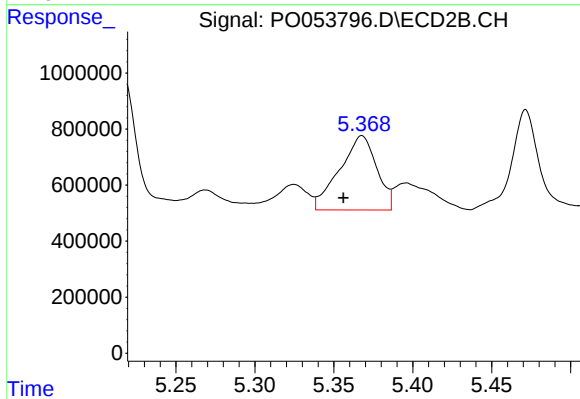
#27 AR-1254-2

R.T.: 4.982 min
Delta R.T.: -0.004 min
Response: 1923468
Conc: 56.14 ng/ml



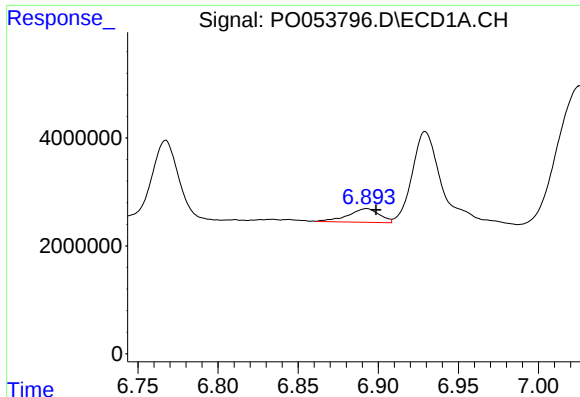
#28 AR-1254-3

R.T.: 6.627 min
Delta R.T.: 0.010 min
Response: 9833137
Conc: 39.49 ng/ml



#28 AR-1254-3

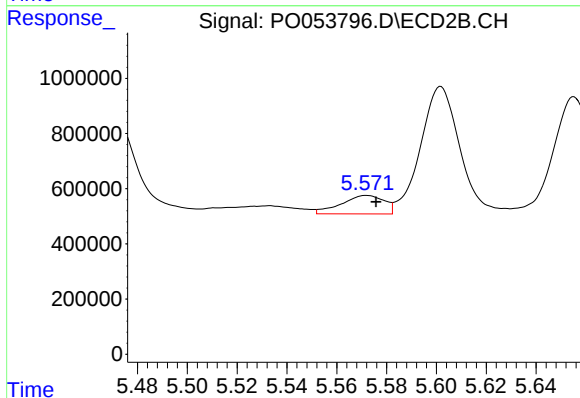
R.T.: 5.368 min
Delta R.T.: 0.012 min
Response: 4341047
Conc: 78.61 ng/ml



#29 AR-1254-4

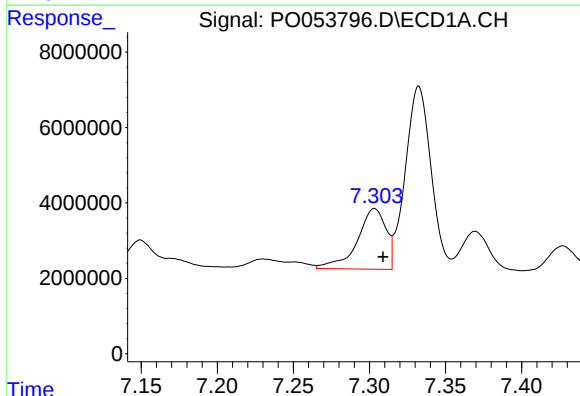
R.T.: 6.893 min
Delta R.T.: -0.006 min
Response: 3482248
Conc: 19.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



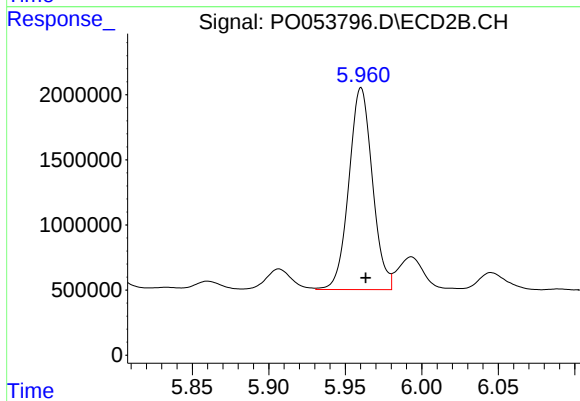
#29 AR-1254-4

R.T.: 5.572 min
Delta R.T.: -0.004 min
Response: 803783
Conc: 22.41 ng/ml



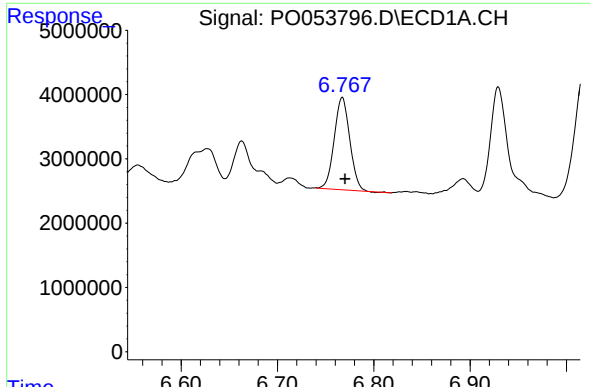
#30 AR-1254-5

R.T.: 7.303 min
Delta R.T.: -0.006 min
Response: 21205823
Conc: 122.82 ng/ml



#30 AR-1254-5

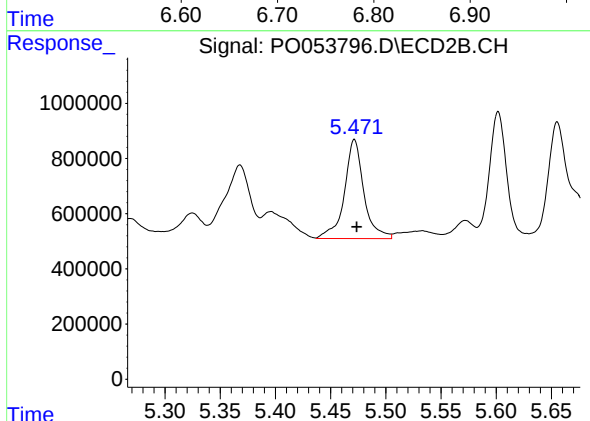
R.T.: 5.960 min
Delta R.T.: -0.003 min
Response: 16613332
Conc: 411.36 ng/ml



#31 AR-1260-1

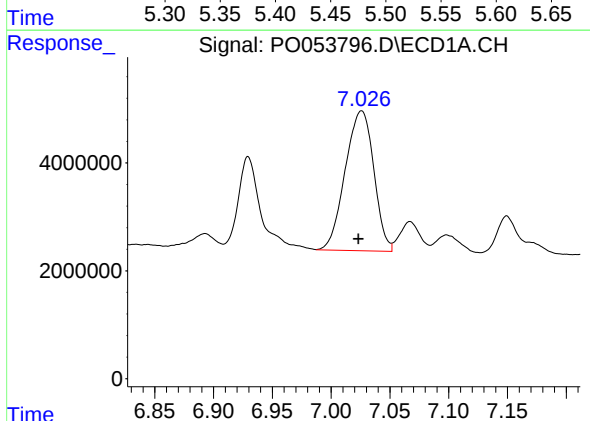
R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 16095645
Conc: 242.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



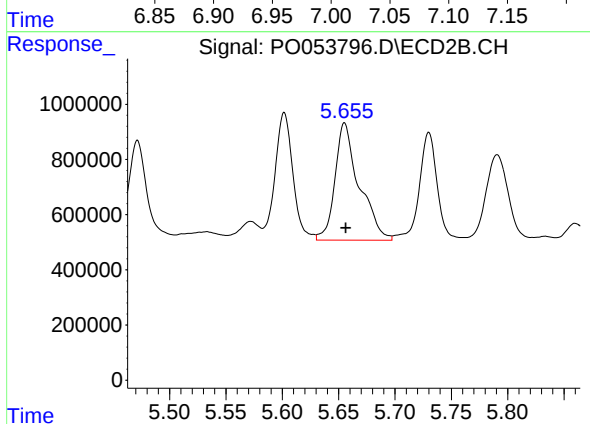
#31 AR-1260-1

R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 4405560
Conc: 279.56 ng/ml



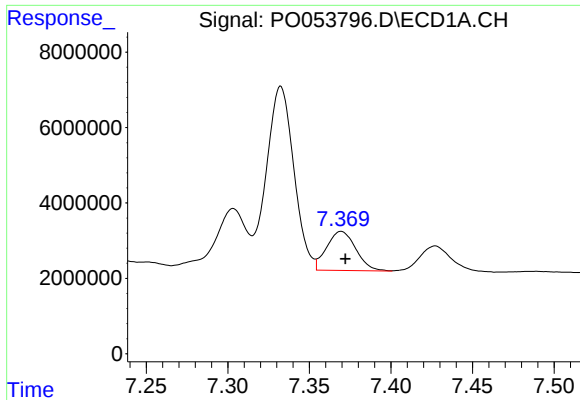
#32 AR-1260-2

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 43898995
Conc: 523.39 ng/ml



#32 AR-1260-2

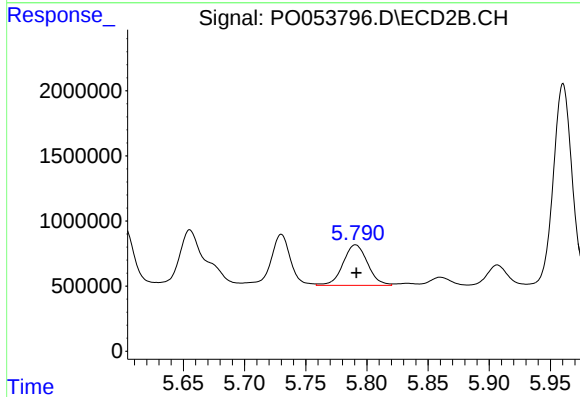
R.T.: 5.655 min
Delta R.T.: -0.001 min
Response: 6349684
Conc: 334.46 ng/ml



#33 AR-1260-3

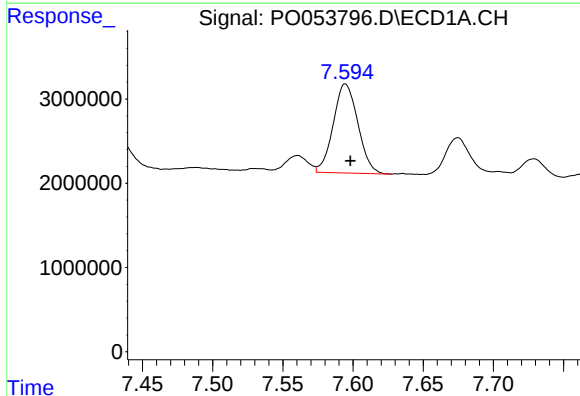
R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 12939309
Conc: 247.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



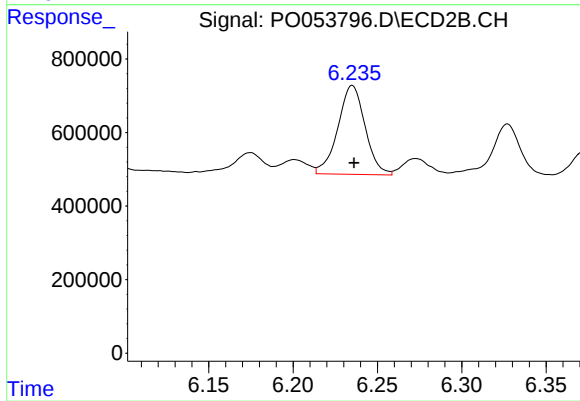
#33 AR-1260-3

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 4341941
Conc: 248.48 ng/ml



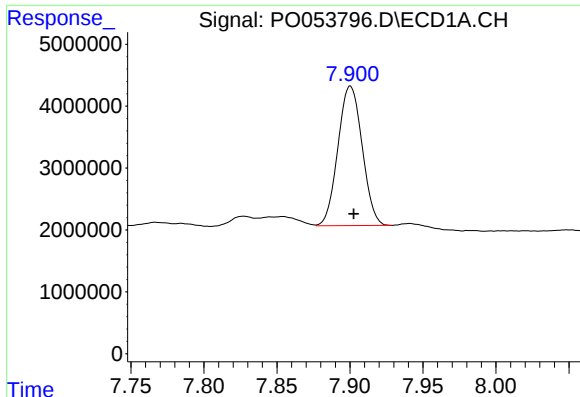
#34 AR-1260-4

R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 12943081
Conc: 236.39 ng/ml



#34 AR-1260-4

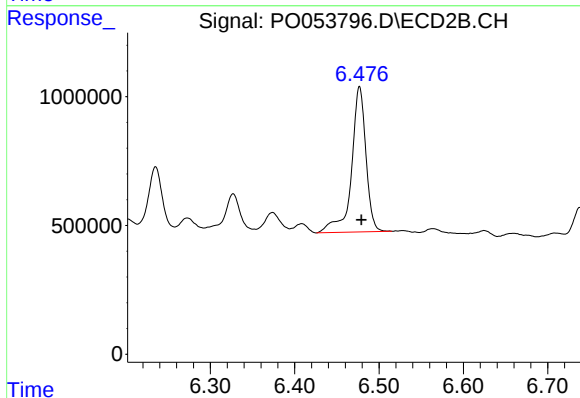
R.T.: 6.235 min
Delta R.T.: -0.001 min
Response: 2721752
Conc: 235.12 ng/ml



#35 AR-1260-5

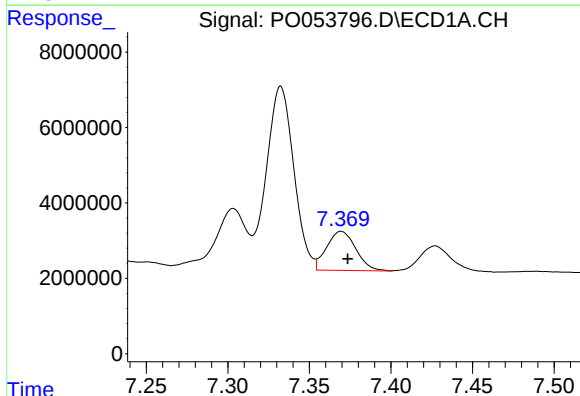
R.T.: 7.900 min
Delta R.T.: -0.002 min
Response: 26041834
Conc: 218.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



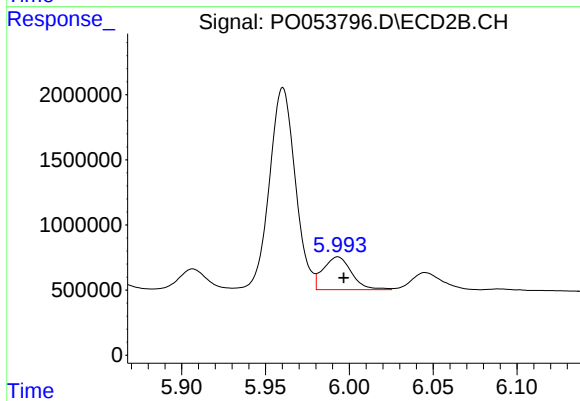
#35 AR-1260-5

R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 6716241
Conc: 228.61 ng/ml



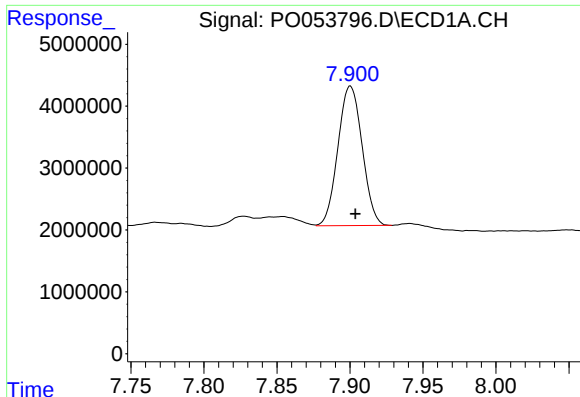
#36 AR-1262-1

R.T.: 7.370 min
Delta R.T.: -0.004 min
Response: 12939309
Conc: 141.27 ng/ml



#36 AR-1262-1

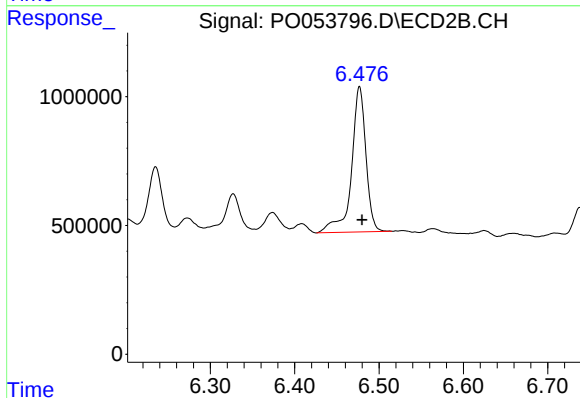
R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 2967027
Conc: 145.62 ng/ml



#37 AR-1262-2

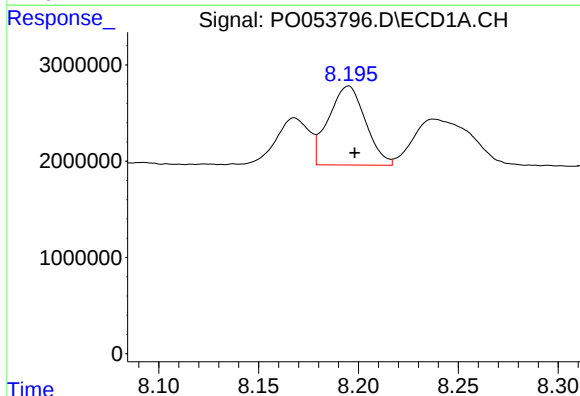
R.T.: 7.900 min
Delta R.T.: -0.003 min
Response: 26041834
Conc: 166.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



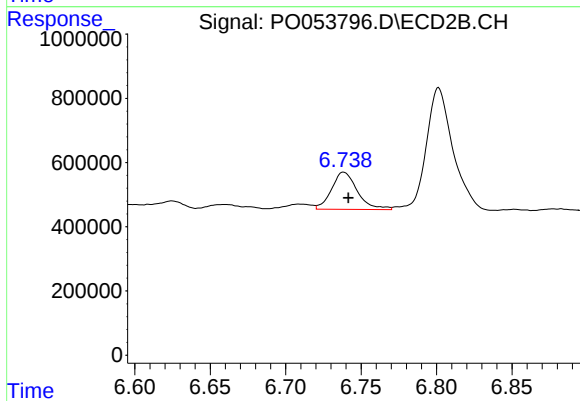
#37 AR-1262-2

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 6716241
Conc: 189.32 ng/ml



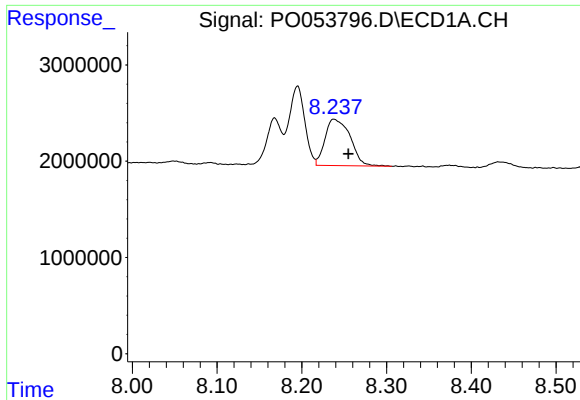
#38 AR-1262-3

R.T.: 8.195 min
Delta R.T.: -0.003 min
Response: 10577677
Conc: 330.76 ng/ml



#38 AR-1262-3

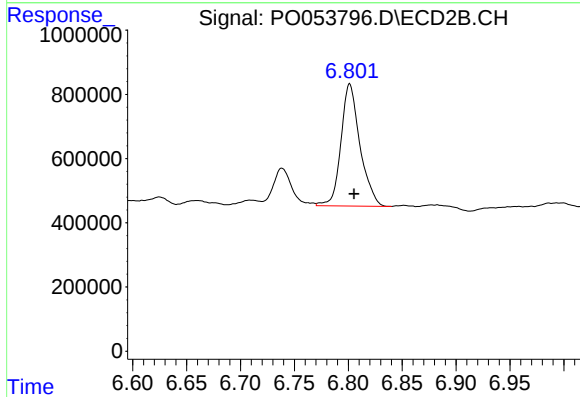
R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 1377264
Conc: 100.65 ng/ml



#39 AR-1262-4

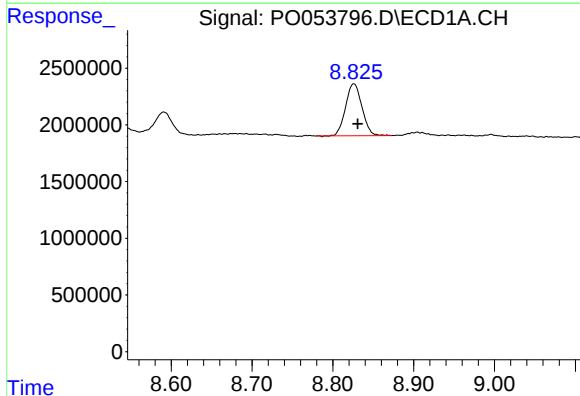
R.T.: 8.238 min
Delta R.T.: -0.017 min
Response: 9953699
Conc: 126.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



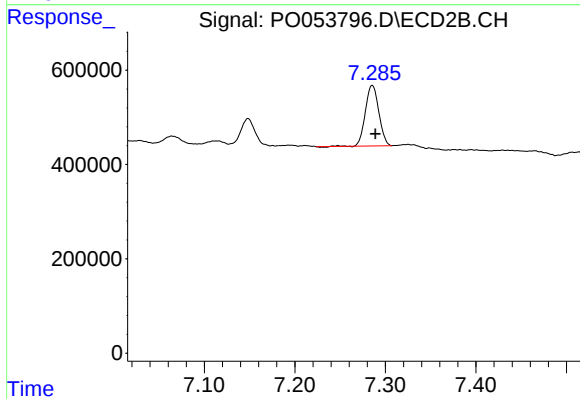
#39 AR-1262-4

R.T.: 6.801 min
Delta R.T.: -0.004 min
Response: 4668507
Conc: 179.90 ng/ml



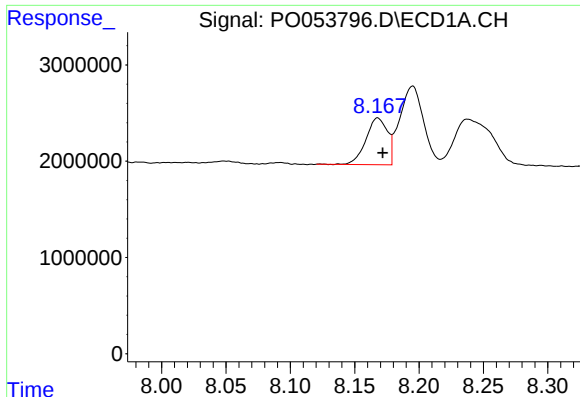
#40 AR-1262-5

R.T.: 8.826 min
Delta R.T.: -0.005 min
Response: 6478310
Conc: 120.41 ng/ml



#40 AR-1262-5

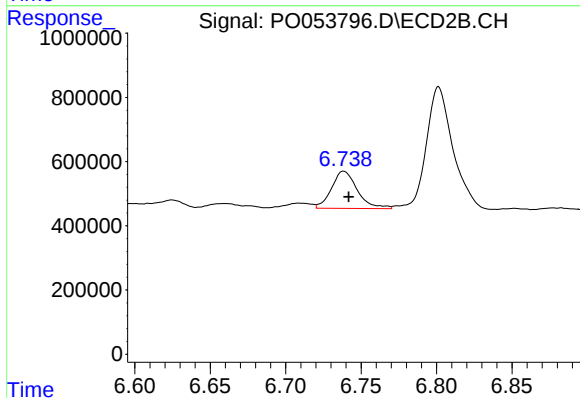
R.T.: 7.285 min
Delta R.T.: -0.003 min
Response: 1332352
Conc: 112.14 ng/ml



#41 AR-1268-1

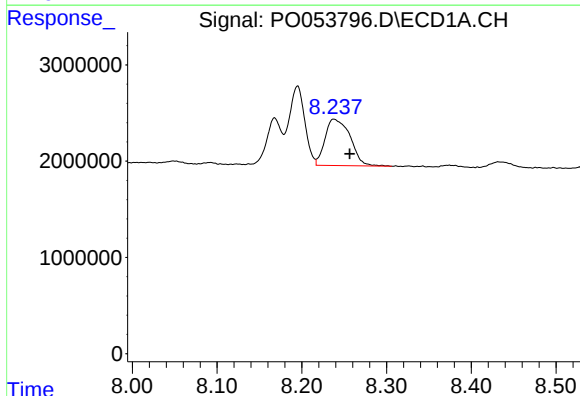
R.T.: 8.168 min
Delta R.T.: -0.004 min
Response: 5647266
Conc: 29.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



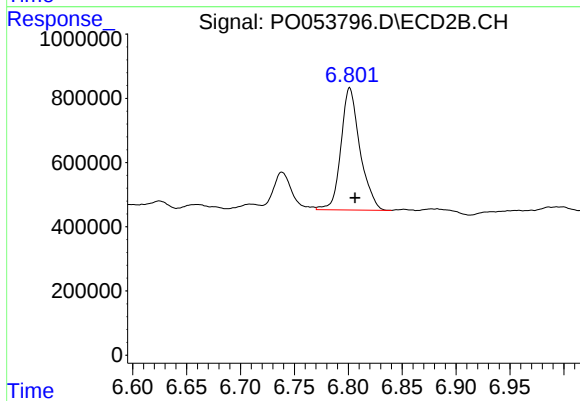
#41 AR-1268-1

R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 1377264
Conc: 33.51 ng/ml



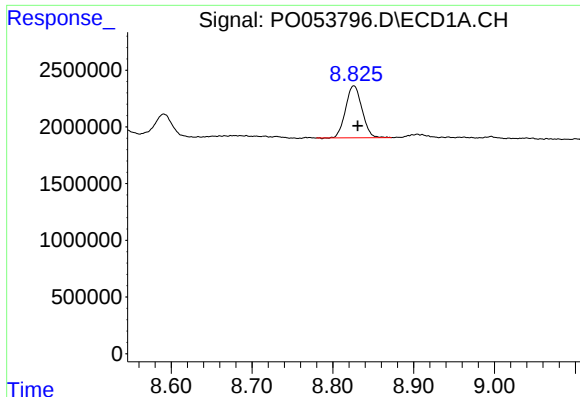
#42 AR-1268-2

R.T.: 8.238 min
Delta R.T.: -0.019 min
Response: 9953699
Conc: 55.46 ng/ml



#42 AR-1268-2

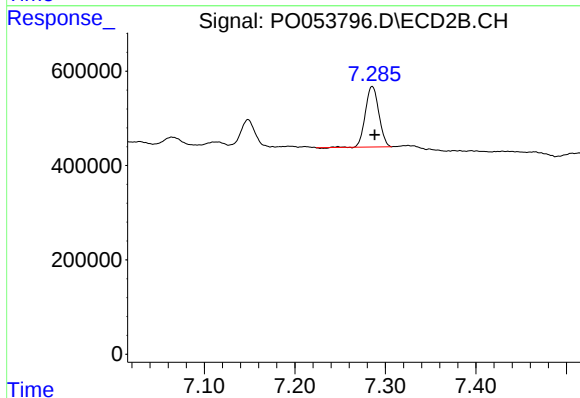
R.T.: 6.801 min
Delta R.T.: -0.005 min
Response: 4668507
Conc: 120.14 ng/ml



#44 AR-1268-4

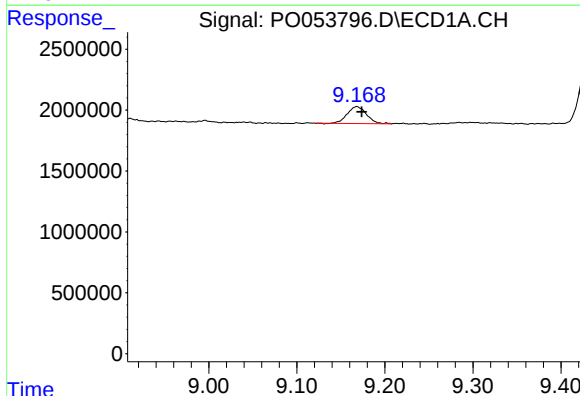
R.T.: 8.826 min
Delta R.T.: -0.005 min
Response: 6478310
Conc: 106.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PM-20MS



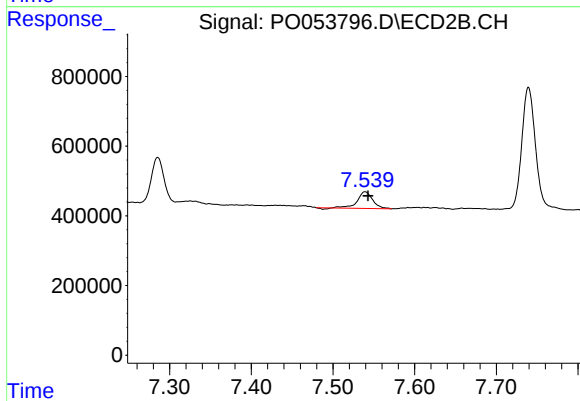
#44 AR-1268-4

R.T.: 7.285 min
Delta R.T.: -0.003 min
Response: 1332352
Conc: 99.68 ng/ml



#45 AR-1268-5

R.T.: 9.168 min
Delta R.T.: -0.006 min
Response: 2111519
Conc: 4.36 ng/ml



#45 AR-1268-5

R.T.: 7.539 min
Delta R.T.: -0.004 min
Response: 615882
Conc: 6.11 ng/ml