

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011019\
 Data File : P0053356.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Jan 2019 14:36
 Operator : SM/SJ
 Sample : PB116280BS
 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: Jan 11 00:48:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 03:34:05 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...	4.167	3.204	29166279	4243758	21.827	16.972
2)	SA Decachlor...	9.625	7.847	17419278	5275044	22.054	23.035
Target Compounds							
3)	L1 AR-1016-1	5.313	4.191	8449241	1863410	231.615	189.000
4)	L1 AR-1016-2	5.335	4.207	12538928	2857257	236.853	192.778
5)	L1 AR-1016-3	5.395	4.365	7449883	1520550	232.624	188.956
6)	L1 AR-1016-4	5.493	4.408	6087964	1118692	235.771	185.233
7)	L1 AR-1016-5	5.780	4.601	5417738	1477388	229.453	187.775
8)	L2 AR-1221-1	4.373	3.400	210998	148786	14.079	46.841 #
9)	L2 AR-1221-2	4.462	3.478	1127404	209930	102.726	87.253
10)	L2 AR-1221-3	4.536	3.545	4413383	840927	126.660	109.946
11)	L3 AR-1232-1	4.536	3.545	4413383	840927	154.907	137.734
12)	L3 AR-1232-2	5.051	4.207	6187941	2857257	461.716	385.745
13)	L3 AR-1232-3	5.335	4.365	12538928	1520550	469.850	376.192
14)	L3 AR-1232-4	5.493	4.444	6087964	1405299	475.677	414.871
15)	L3 AR-1232-5	5.579	4.601	4415883	1477388	555.381	416.742
16)	L4 AR-1242-1	5.313	4.191	8449241	1863410	250.706	217.112
17)	L4 AR-1242-2	5.335	4.207	12538928	2857257	253.931	215.693
18)	L4 AR-1242-3	5.395	4.365	7449883	1520550	251.476	211.972
19)	L4 AR-1242-4	5.493	4.444	6087964	1405299	256.629	208.262
20)	L4 AR-1242-5	6.214	4.926	679697	1230078	29.155	138.941 #
21)	L5 AR-1248-1	5.313	4.191	8449241	1863410	342.697	278.922
22)	L5 AR-1248-2	5.579	4.408	4415883	1118692	144.382	124.832
23)	L5 AR-1248-3	5.780	4.444	5417738	1405299	158.208	152.040
24)	L5 AR-1248-4	6.177	4.601	839033	1477388	22.294	134.890 #
25)	L5 AR-1248-5	6.214	4.964	679697	176594	18.896	15.933
26)	L6 AR-1254-1	6.149	4.926	3835548	1230078	90.870	62.334 #
27)	L6 AR-1254-2	6.362	5.066	4168145	1182251	65.110	72.039
28)	L6 AR-1254-3	6.727	5.453	2148428	2155992	32.762	85.217 #
29)	L6 AR-1254-4	7.005	5.660	1366364	257883	28.366	15.716 #
30)	L6 AR-1254-5	7.421	6.052	12782682	4207751	275.937	200.139 #
31)	L7 AR-1260-1	6.883	5.561	9148088	3073384	234.033	206.869
32)	L7 AR-1260-2	7.138	5.745	11198336	3900939	233.801	216.082
33)	L7 AR-1260-3	7.491	5.884	7208246	3470954	242.180	212.373
34)	L7 AR-1260-4	7.715	6.332	7963003	2422276	236.229	231.067
35)	L7 AR-1260-5	8.021	6.573	16142979	5706660	236.298	221.745
36)	L8 AR-1262-1	7.491	6.087	7208246	2759967	119.776	127.066
37)	L8 AR-1262-2	8.021	6.573	16142979	5706660	158.903	157.567
38)	L8 AR-1262-3	8.300	6.838	3002086	1101237	64.779	77.671
39)	L8 AR-1262-4	8.368	6.900	5926732	4073949	110.240	154.266 #
40)	L8 AR-1262-5	8.978	7.385	4006880	1264414	104.105	103.347
41)	L9 AR-1268-1	8.300	6.838	3002086	1101237	23.401	26.109

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 ALS Vial : 8 Sample Multiplier: 1

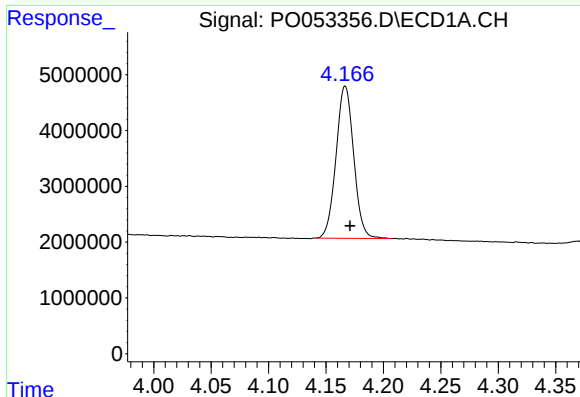
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 00:48:38 2019
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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	8.368	6.900	5926732	4073949	48.356	102.217 #
43) L9	AR-1268-3	8.583	0.000	498648	0	4.561	N.D. #
44) L9	AR-1268-4	8.978	7.385	4006880	1264414	91.932	90.505
45) L9	AR-1268-5	9.337	7.643	1412997	444666	4.108	4.481

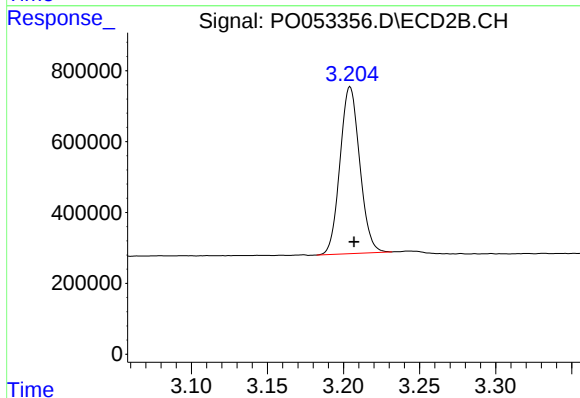
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

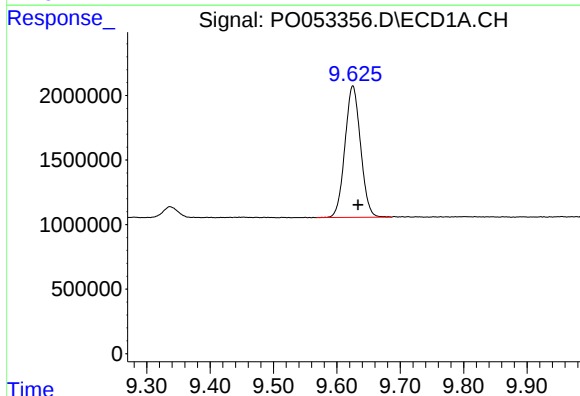
R.T.: 4.167 min
Delta R.T.: -0.004 min
Response: 29166279
Conc: 21.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



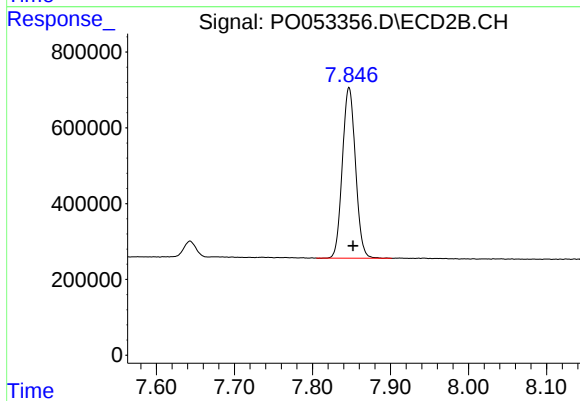
#1 Tetrachloro-m-xylene

R.T.: 3.204 min
Delta R.T.: -0.003 min
Response: 4243758
Conc: 16.97 ng/ml



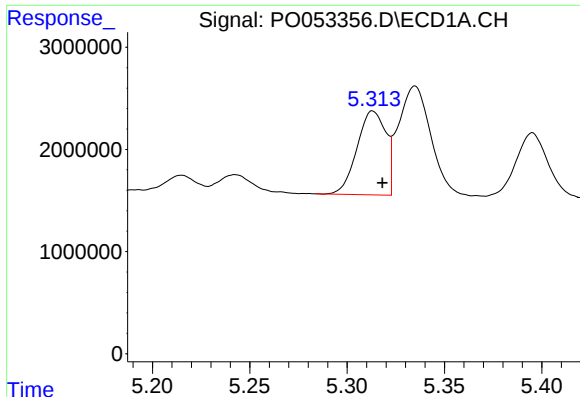
#2 Decachlorobiphenyl

R.T.: 9.625 min
Delta R.T.: -0.008 min
Response: 17419278
Conc: 22.05 ng/ml



#2 Decachlorobiphenyl

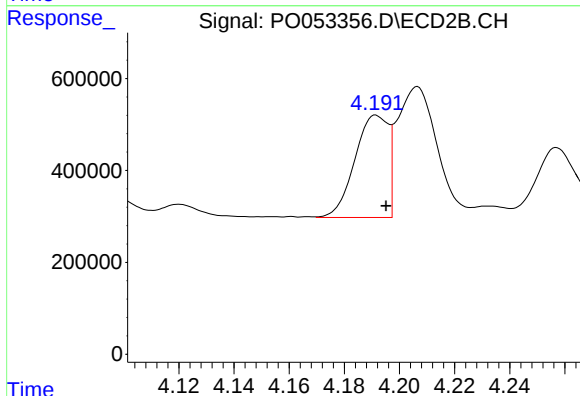
R.T.: 7.847 min
Delta R.T.: -0.005 min
Response: 5275044
Conc: 23.03 ng/ml



#3 AR-1016-1

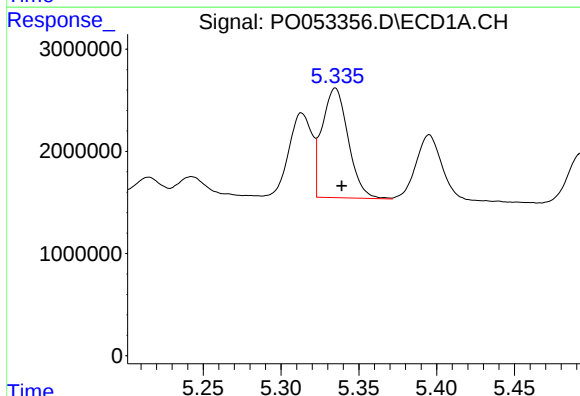
R.T.: 5.313 min
Delta R.T.: -0.005 min
Response: 8449241
Conc: 231.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



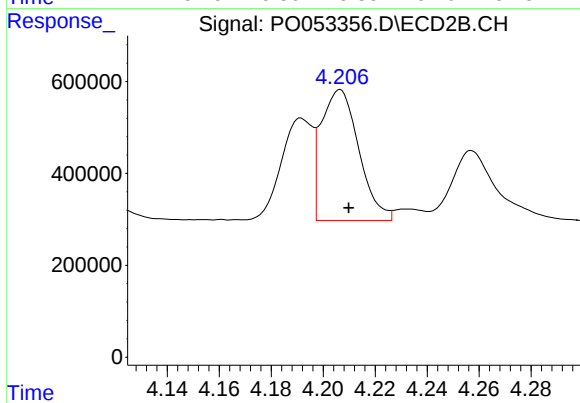
#3 AR-1016-1

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 1863410
Conc: 189.00 ng/ml



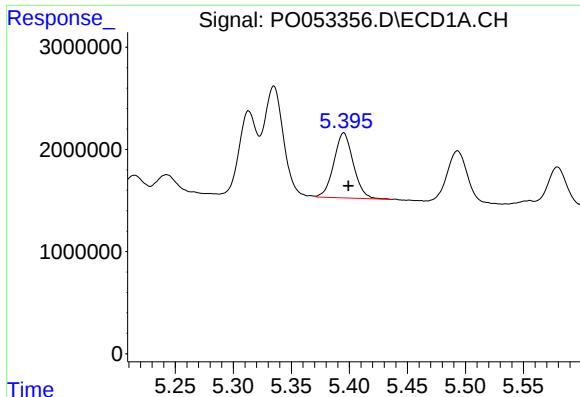
#4 AR-1016-2

R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 12538928
Conc: 236.85 ng/ml



#4 AR-1016-2

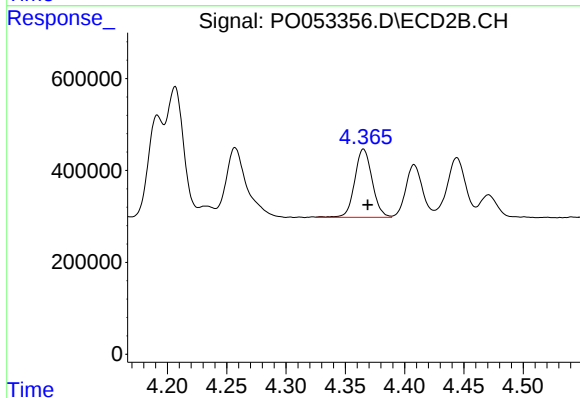
R.T.: 4.207 min
Delta R.T.: -0.003 min
Response: 2857257
Conc: 192.78 ng/ml



#5 AR-1016-3

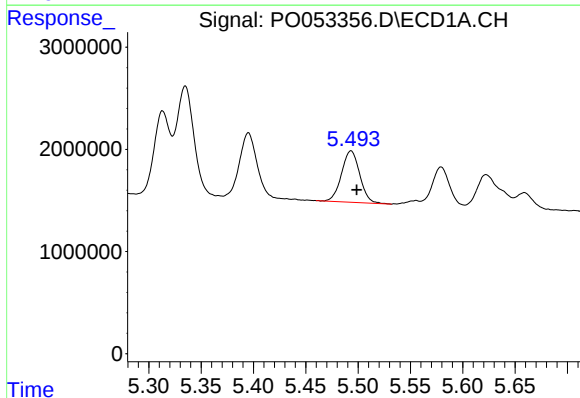
R.T.: 5.395 min
Delta R.T.: -0.004 min
Response: 7449883
Conc: 232.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



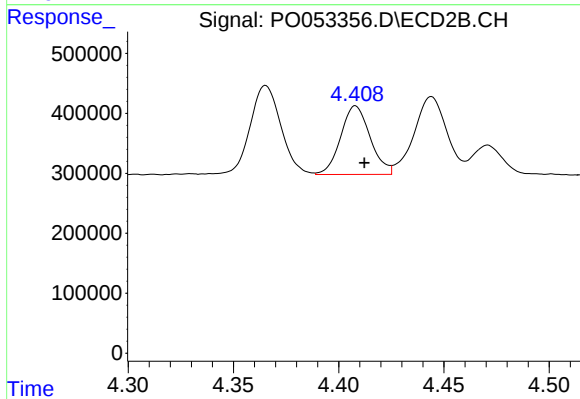
#5 AR-1016-3

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 1520550
Conc: 188.96 ng/ml



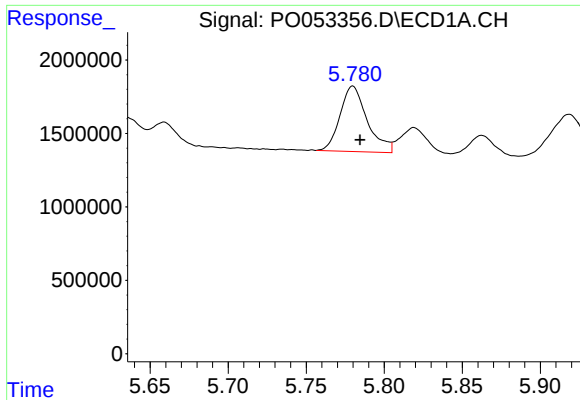
#6 AR-1016-4

R.T.: 5.493 min
Delta R.T.: -0.005 min
Response: 6087964
Conc: 235.77 ng/ml



#6 AR-1016-4

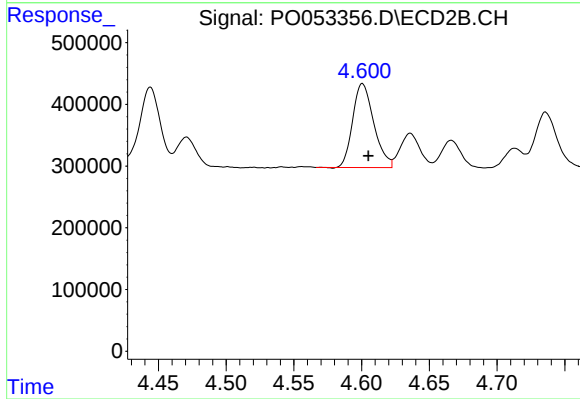
R.T.: 4.408 min
Delta R.T.: -0.004 min
Response: 1118692
Conc: 185.23 ng/ml



#7 AR-1016-5

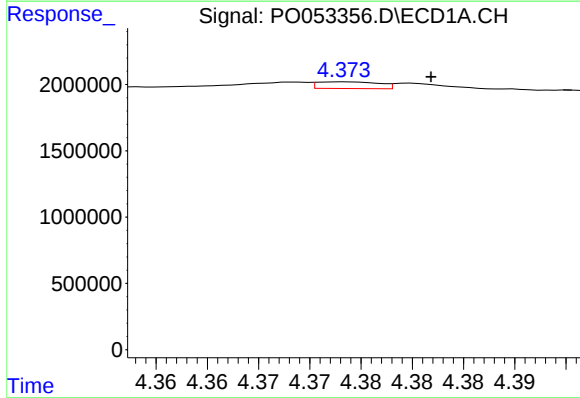
R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 5417738
Conc: 229.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



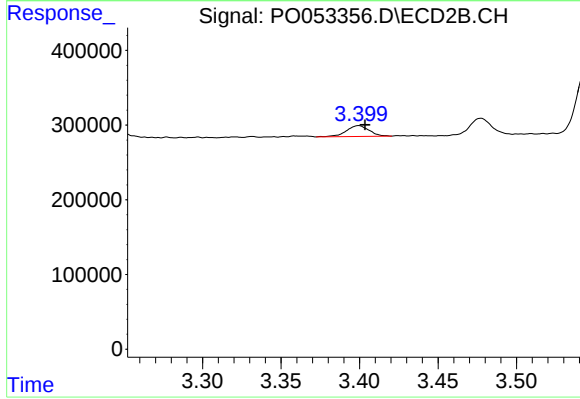
#7 AR-1016-5

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 1477388
Conc: 187.78 ng/ml



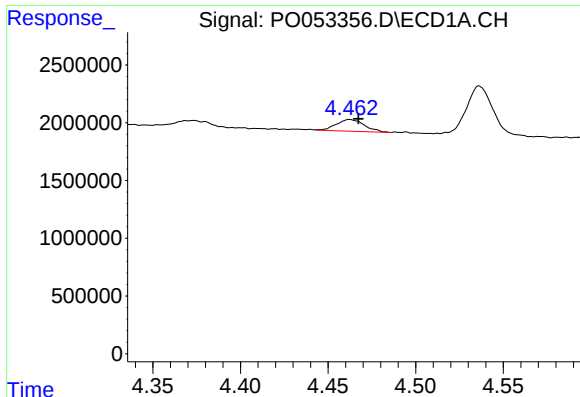
#8 AR-1221-1

R.T.: 4.373 min
Delta R.T.: -0.008 min
Response: 210998
Conc: 14.08 ng/ml



#8 AR-1221-1

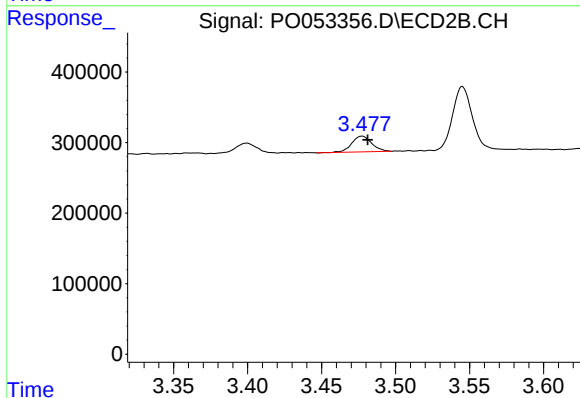
R.T.: 3.400 min
Delta R.T.: -0.004 min
Response: 148786
Conc: 46.84 ng/ml



#9 AR-1221-2

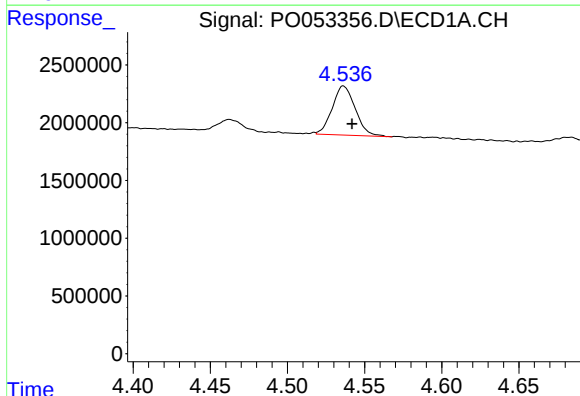
R.T.: 4.462 min
Delta R.T.: -0.005 min
Response: 1127404
Conc: 102.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



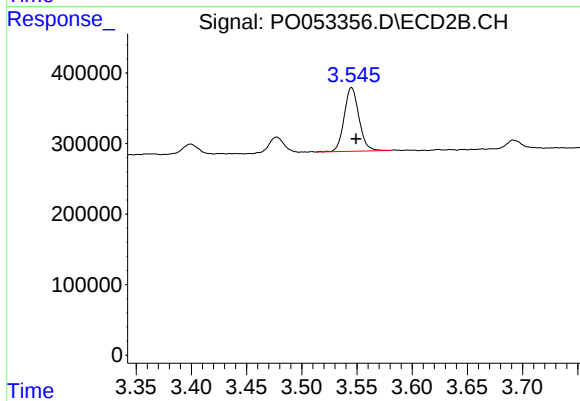
#9 AR-1221-2

R.T.: 3.478 min
Delta R.T.: -0.003 min
Response: 209930
Conc: 87.25 ng/ml



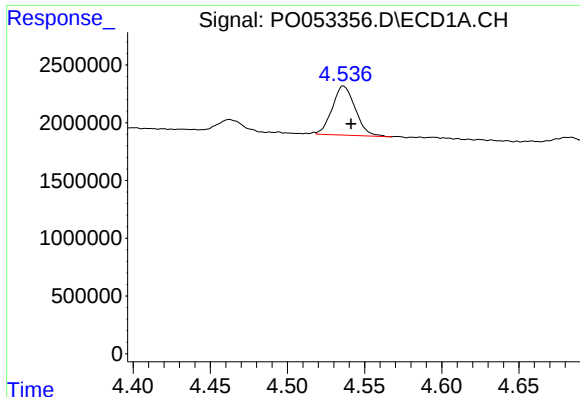
#10 AR-1221-3

R.T.: 4.536 min
Delta R.T.: -0.006 min
Response: 4413383
Conc: 126.66 ng/ml



#10 AR-1221-3

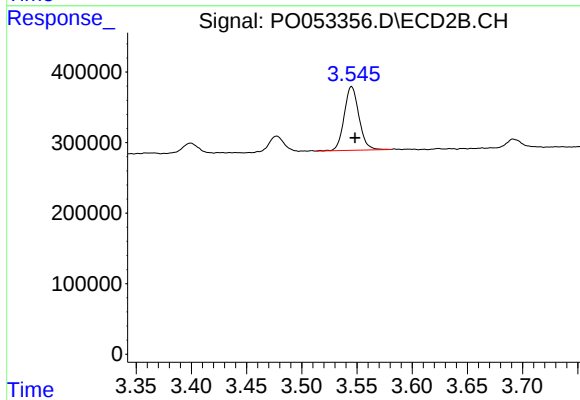
R.T.: 3.545 min
Delta R.T.: -0.004 min
Response: 840927
Conc: 109.95 ng/ml



#11 AR-1232-1

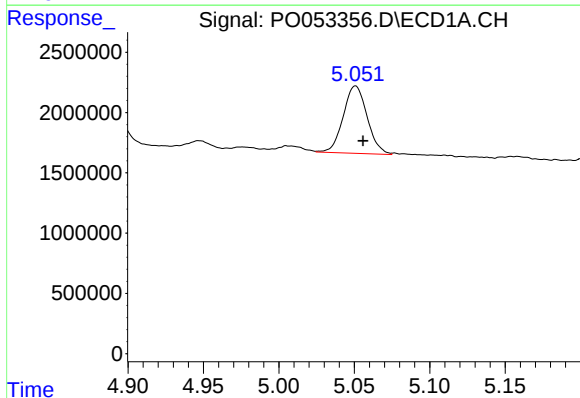
R.T.: 4.536 min
Delta R.T.: -0.005 min
Response: 4413383
Conc: 154.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



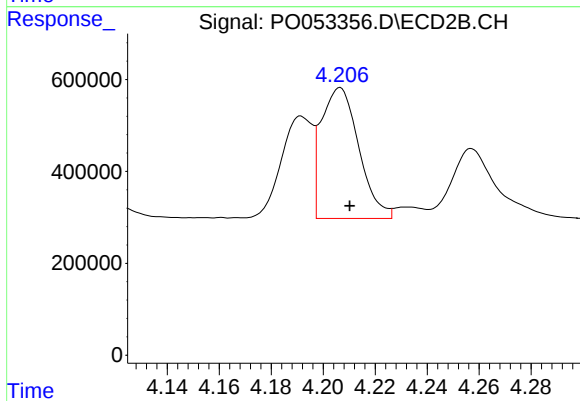
#11 AR-1232-1

R.T.: 3.545 min
Delta R.T.: -0.003 min
Response: 840927
Conc: 137.73 ng/ml



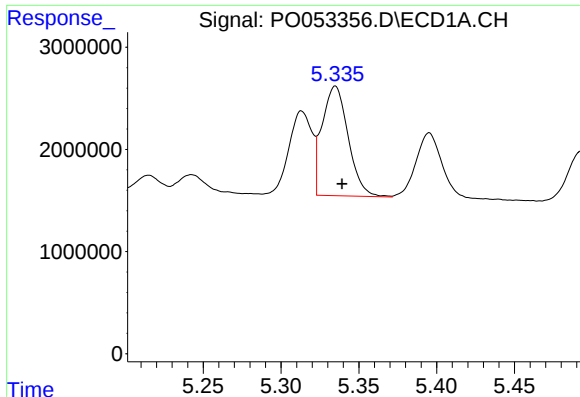
#12 AR-1232-2

R.T.: 5.051 min
Delta R.T.: -0.005 min
Response: 6187941
Conc: 461.72 ng/ml



#12 AR-1232-2

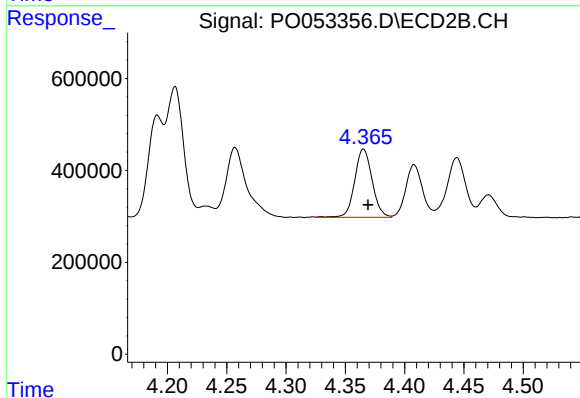
R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 2857257
Conc: 385.74 ng/ml



#13 AR-1232-3

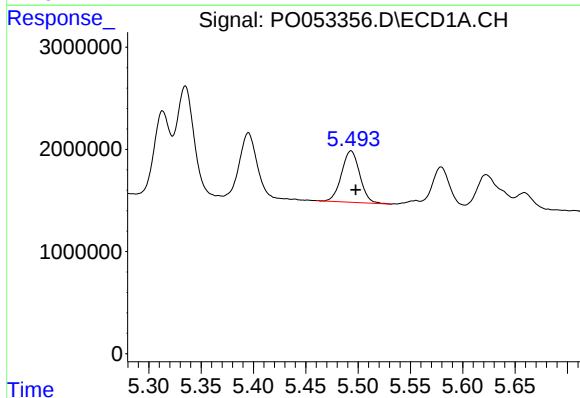
R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 12538928
Conc: 469.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



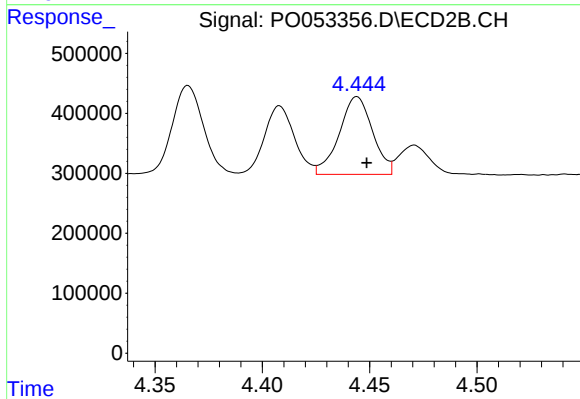
#13 AR-1232-3

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 1520550
Conc: 376.19 ng/ml



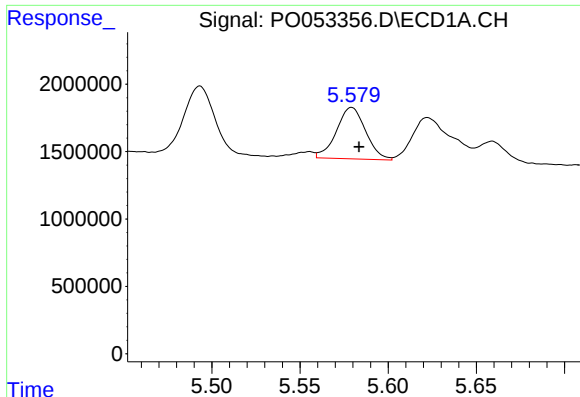
#14 AR-1232-4

R.T.: 5.493 min
Delta R.T.: -0.004 min
Response: 6087964
Conc: 475.68 ng/ml



#14 AR-1232-4

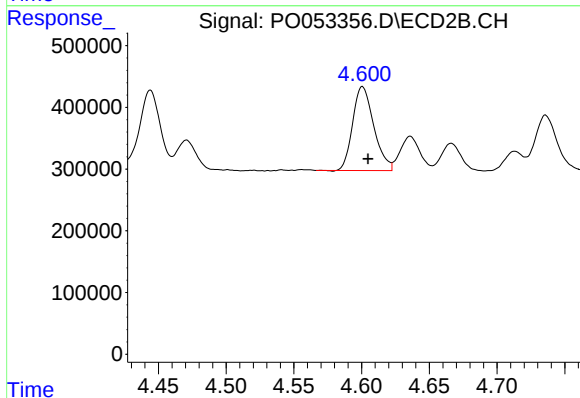
R.T.: 4.444 min
Delta R.T.: -0.004 min
Response: 1405299
Conc: 414.87 ng/ml



#15 AR-1232-5

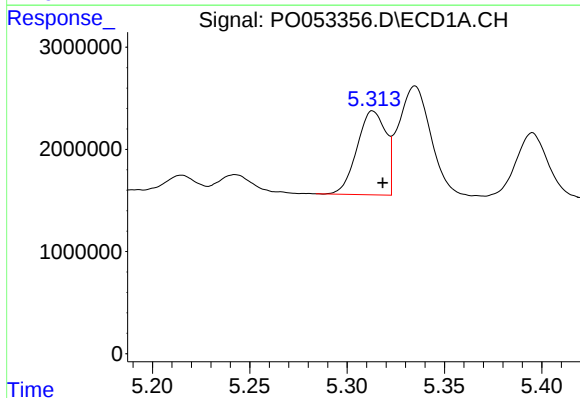
R.T.: 5.579 min
Delta R.T.: -0.004 min
Response: 4415883
Conc: 555.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



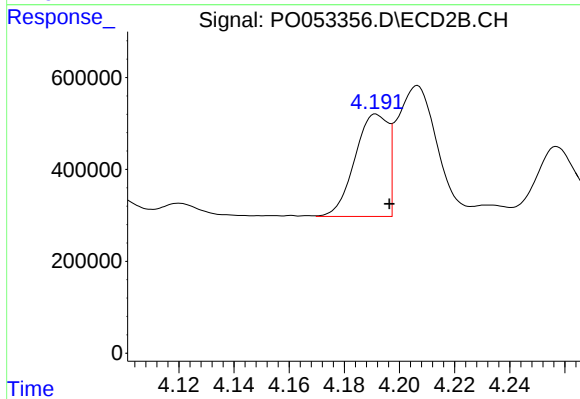
#15 AR-1232-5

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 1477388
Conc: 416.74 ng/ml



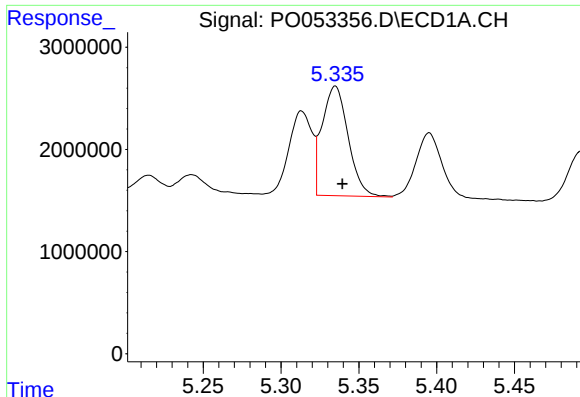
#16 AR-1242-1

R.T.: 5.313 min
Delta R.T.: -0.005 min
Response: 8449241
Conc: 250.71 ng/ml



#16 AR-1242-1

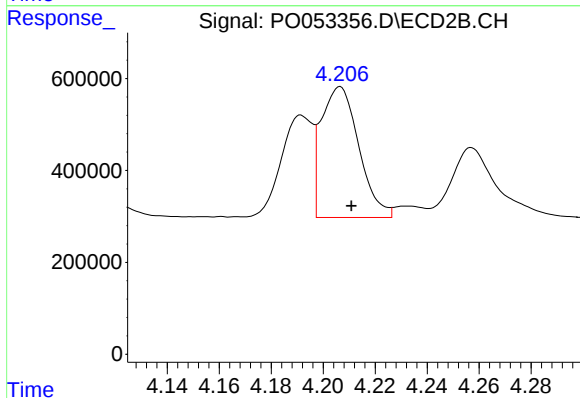
R.T.: 4.191 min
Delta R.T.: -0.005 min
Response: 1863410
Conc: 217.11 ng/ml



#17 AR-1242-2

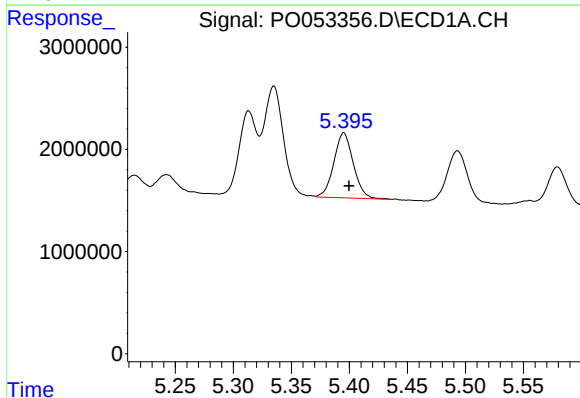
R.T.: 5.335 min
Delta R.T.: -0.005 min
Response: 12538928
Conc: 253.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



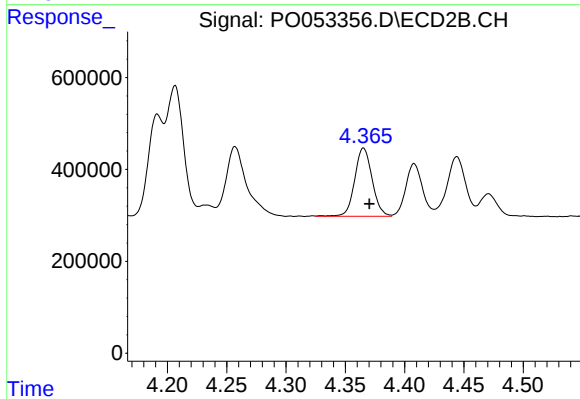
#17 AR-1242-2

R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 2857257
Conc: 215.69 ng/ml



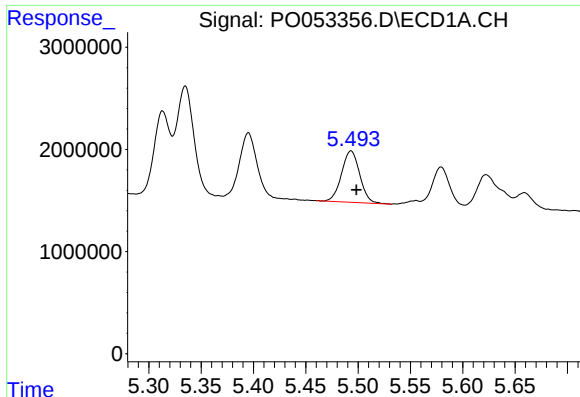
#18 AR-1242-3

R.T.: 5.395 min
Delta R.T.: -0.005 min
Response: 7449883
Conc: 251.48 ng/ml



#18 AR-1242-3

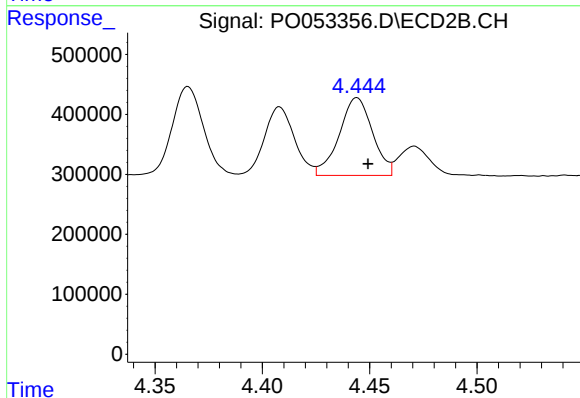
R.T.: 4.365 min
Delta R.T.: -0.005 min
Response: 1520550
Conc: 211.97 ng/ml



#19 AR-1242-4

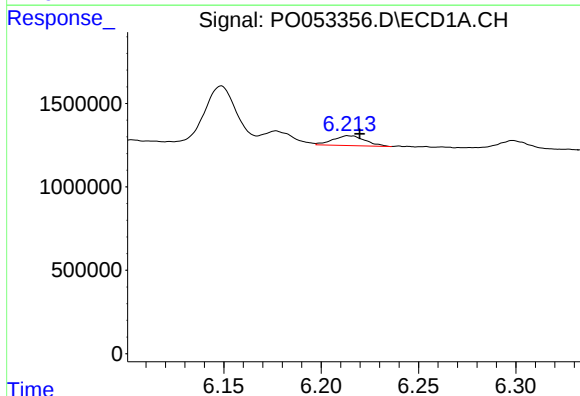
R.T.: 5.493 min
Delta R.T.: -0.005 min
Response: 6087964
Conc: 256.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



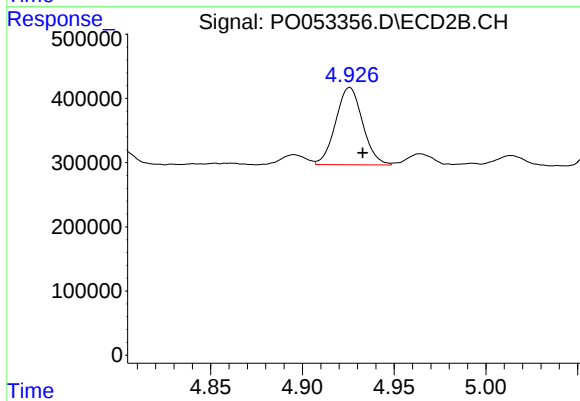
#19 AR-1242-4

R.T.: 4.444 min
Delta R.T.: -0.005 min
Response: 1405299
Conc: 208.26 ng/ml



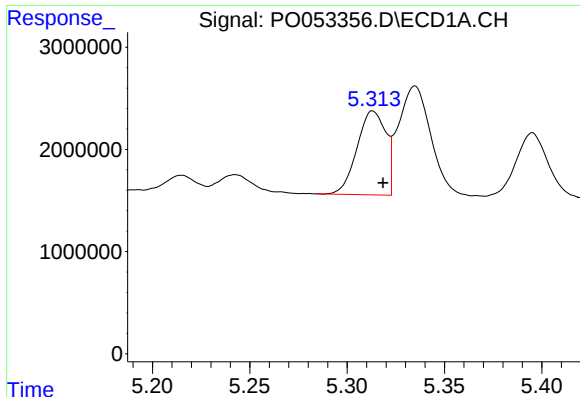
#20 AR-1242-5

R.T.: 6.214 min
Delta R.T.: -0.006 min
Response: 679697
Conc: 29.16 ng/ml



#20 AR-1242-5

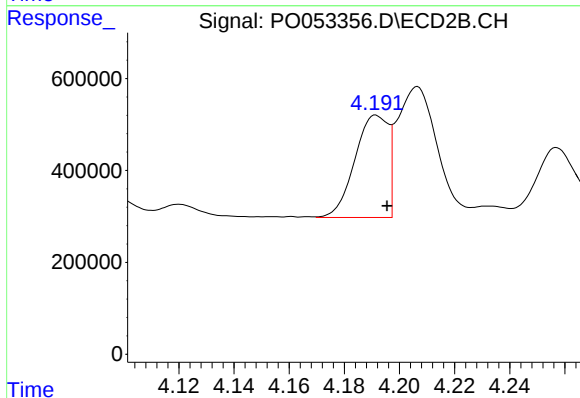
R.T.: 4.926 min
Delta R.T.: -0.007 min
Response: 1230078
Conc: 138.94 ng/ml



#21 AR-1248-1

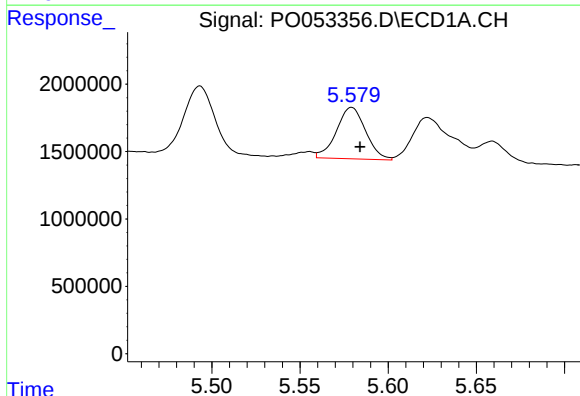
R.T.: 5.313 min
Delta R.T.: -0.005 min
Response: 8449241
Conc: 342.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



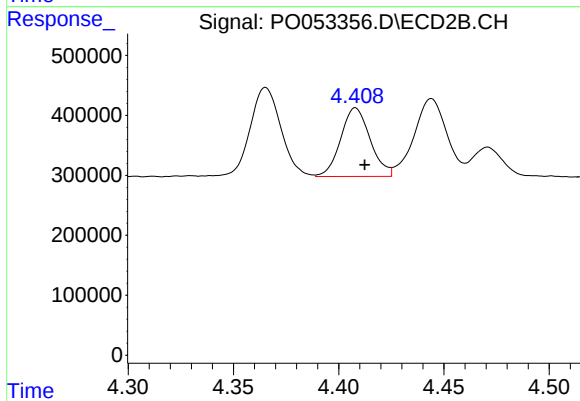
#21 AR-1248-1

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 1863410
Conc: 278.92 ng/ml



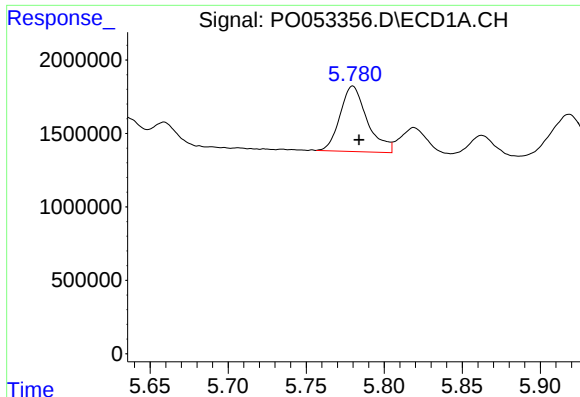
#22 AR-1248-2

R.T.: 5.579 min
Delta R.T.: -0.005 min
Response: 4415883
Conc: 144.38 ng/ml



#22 AR-1248-2

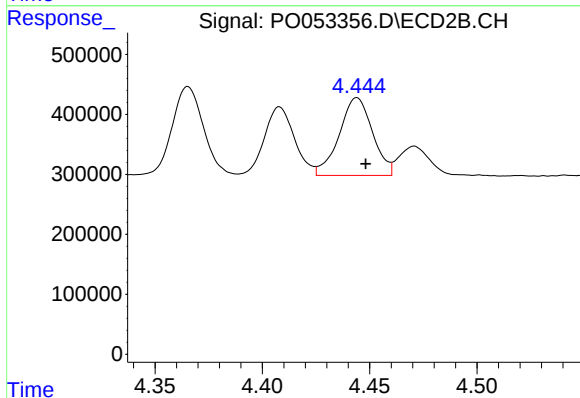
R.T.: 4.408 min
Delta R.T.: -0.004 min
Response: 1118692
Conc: 124.83 ng/ml



#23 AR-1248-3

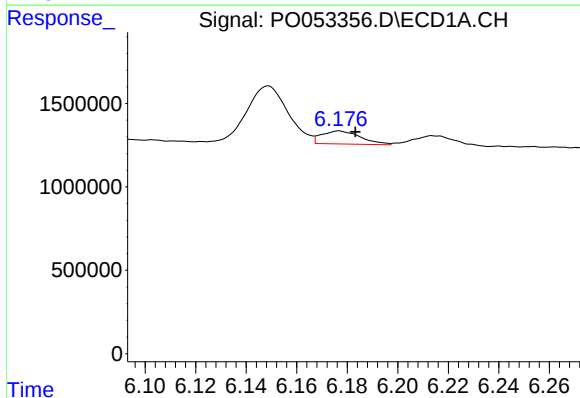
R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 5417738
Conc: 158.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



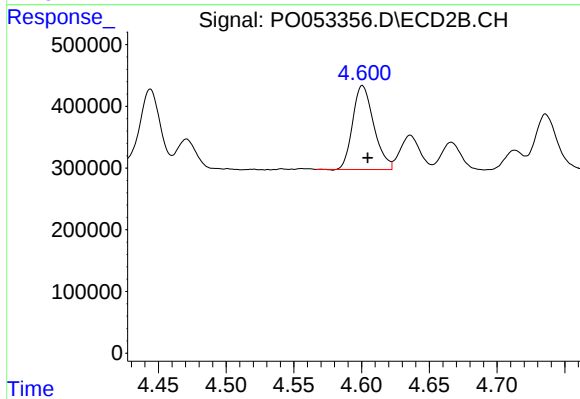
#23 AR-1248-3

R.T.: 4.444 min
Delta R.T.: -0.004 min
Response: 1405299
Conc: 152.04 ng/ml



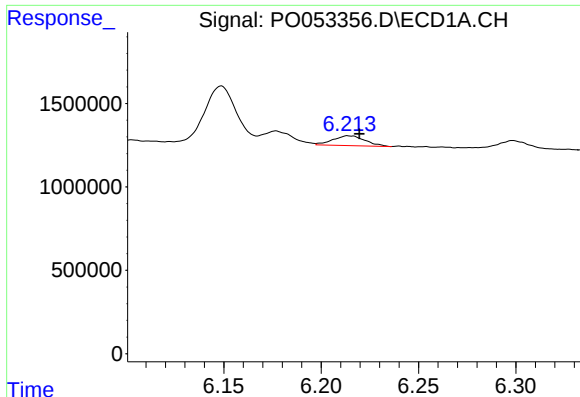
#24 AR-1248-4

R.T.: 6.177 min
Delta R.T.: -0.006 min
Response: 839033
Conc: 22.29 ng/ml



#24 AR-1248-4

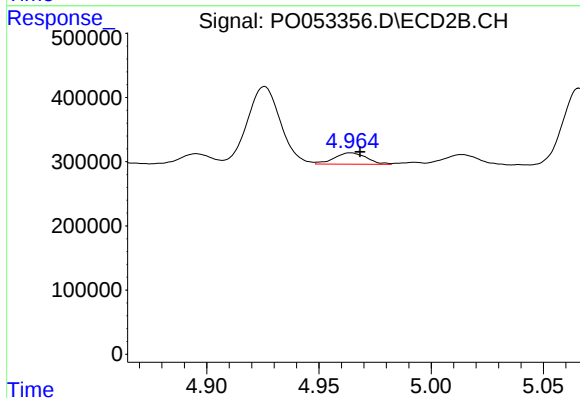
R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 1477388
Conc: 134.89 ng/ml



#25 AR-1248-5

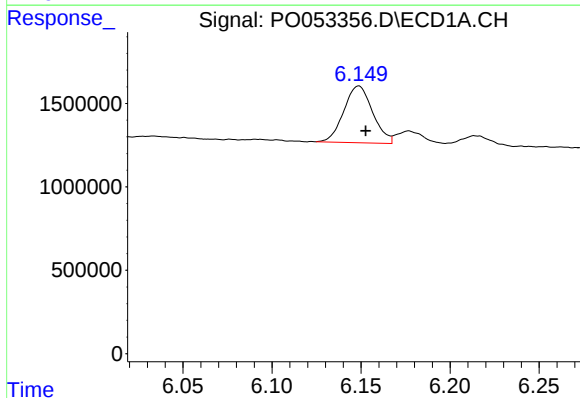
R.T.: 6.214 min
Delta R.T.: -0.006 min
Response: 679697
Conc: 18.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



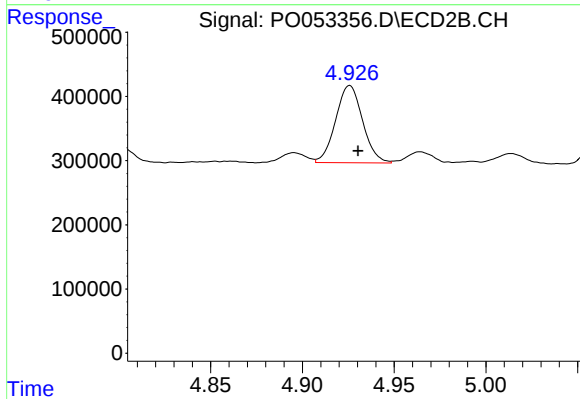
#25 AR-1248-5

R.T.: 4.964 min
Delta R.T.: -0.004 min
Response: 176594
Conc: 15.93 ng/ml



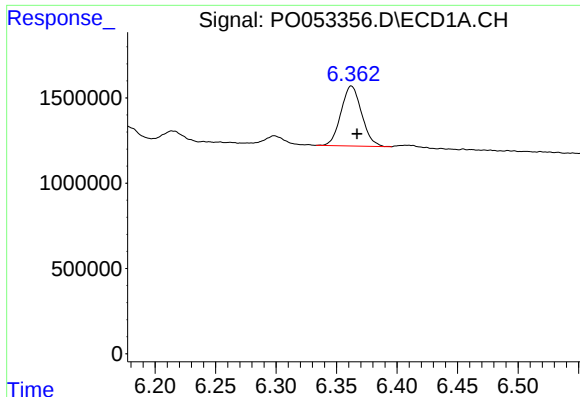
#26 AR-1254-1

R.T.: 6.149 min
Delta R.T.: -0.004 min
Response: 3835548
Conc: 90.87 ng/ml



#26 AR-1254-1

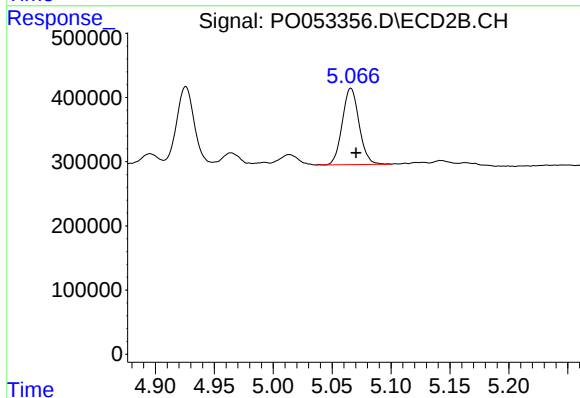
R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 1230078
Conc: 62.33 ng/ml



#27 AR-1254-2

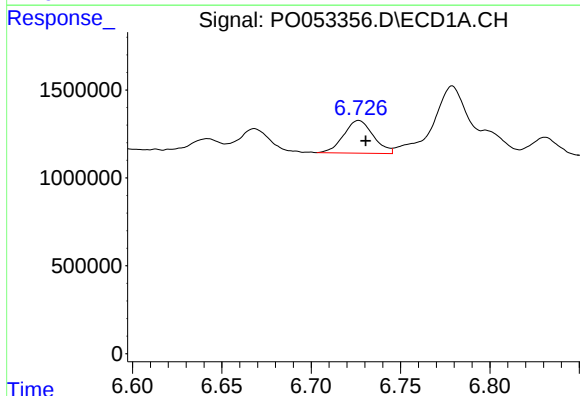
R.T.: 6.362 min
Delta R.T.: -0.005 min
Response: 4168145
Conc: 65.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



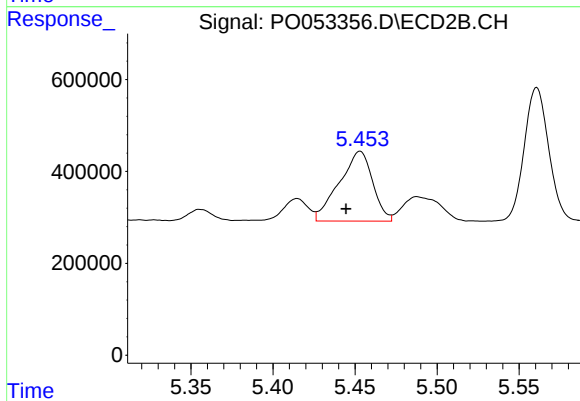
#27 AR-1254-2

R.T.: 5.066 min
Delta R.T.: -0.004 min
Response: 1182251
Conc: 72.04 ng/ml



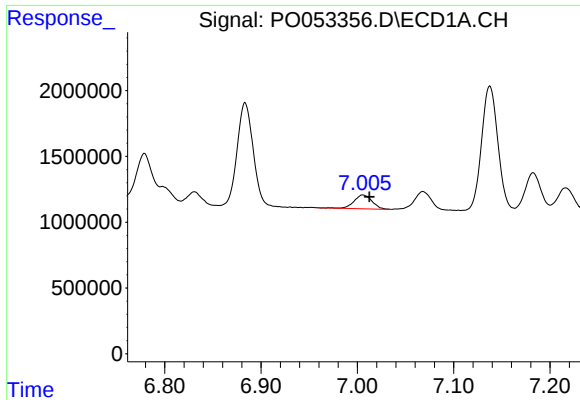
#28 AR-1254-3

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 2148428
Conc: 32.76 ng/ml



#28 AR-1254-3

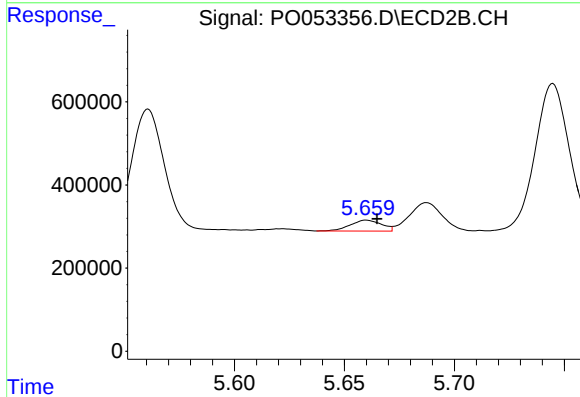
R.T.: 5.453 min
Delta R.T.: 0.008 min
Response: 2155992
Conc: 85.22 ng/ml



#29 AR-1254-4

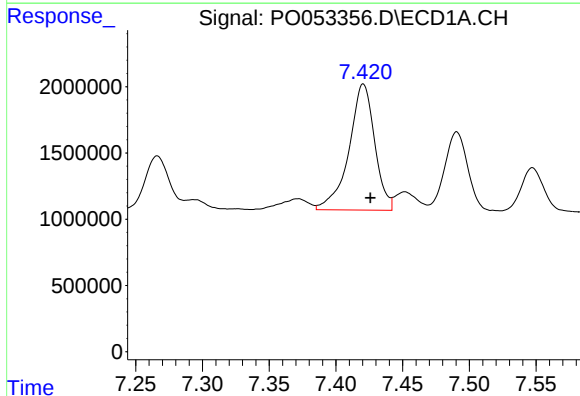
R.T.: 7.005 min
Delta R.T.: -0.007 min
Response: 1366364
Conc: 28.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



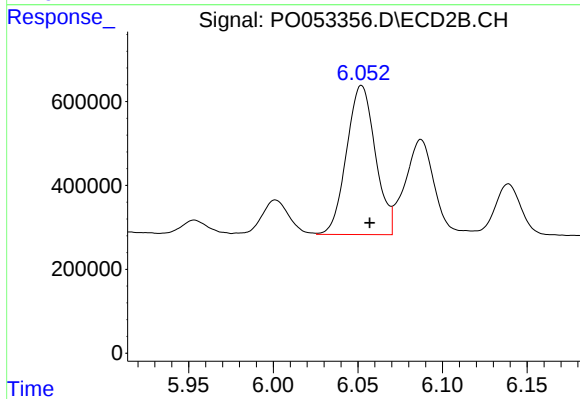
#29 AR-1254-4

R.T.: 5.660 min
Delta R.T.: -0.005 min
Response: 257883
Conc: 15.72 ng/ml



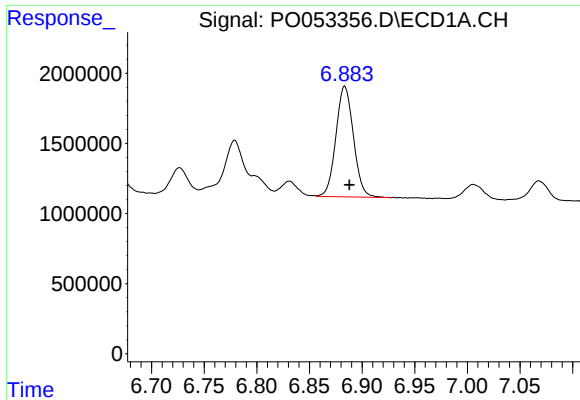
#30 AR-1254-5

R.T.: 7.421 min
Delta R.T.: -0.005 min
Response: 12782682
Conc: 275.94 ng/ml



#30 AR-1254-5

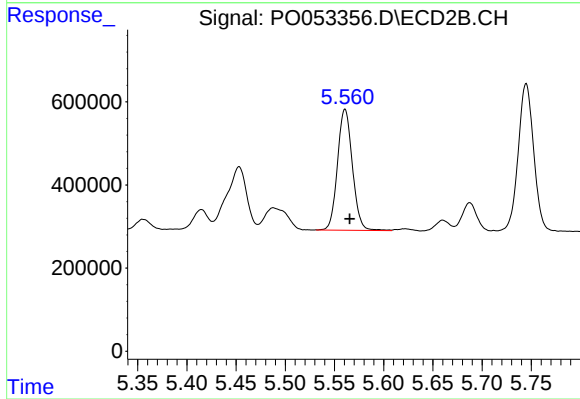
R.T.: 6.052 min
Delta R.T.: -0.005 min
Response: 4207751
Conc: 200.14 ng/ml



#31 AR-1260-1

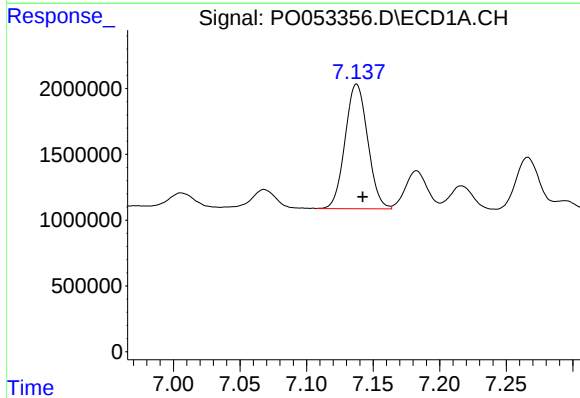
R.T.: 6.883 min
Delta R.T.: -0.004 min
Response: 9148088
Conc: 234.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



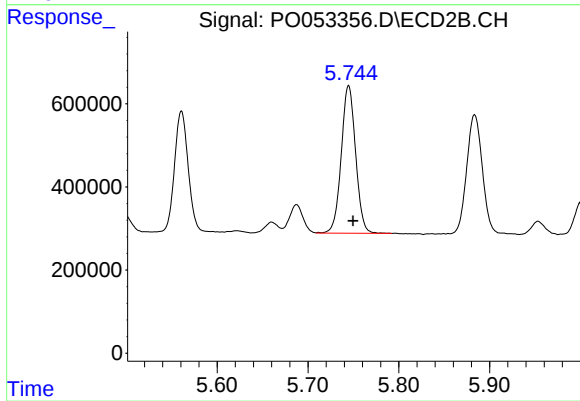
#31 AR-1260-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 3073384
Conc: 206.87 ng/ml



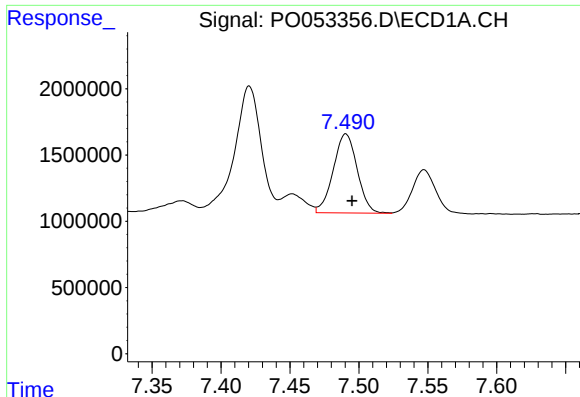
#32 AR-1260-2

R.T.: 7.138 min
Delta R.T.: -0.005 min
Response: 11198336
Conc: 233.80 ng/ml



#32 AR-1260-2

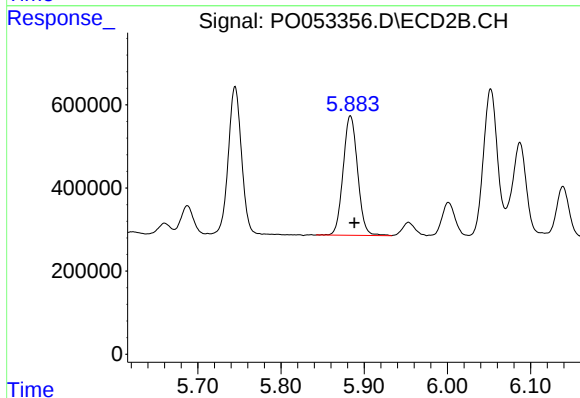
R.T.: 5.745 min
Delta R.T.: -0.005 min
Response: 3900939
Conc: 216.08 ng/ml



#33 AR-1260-3

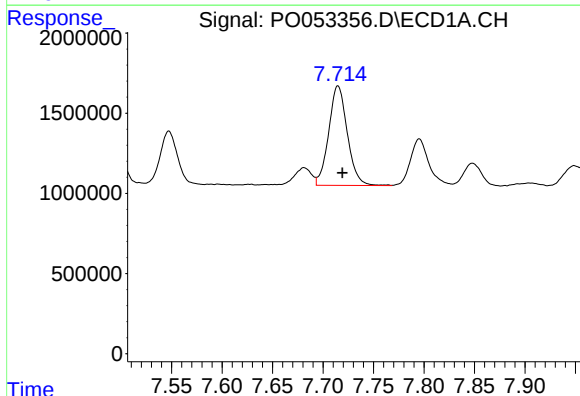
R.T.: 7.491 min
Delta R.T.: -0.004 min
Response: 7208246
Conc: 242.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



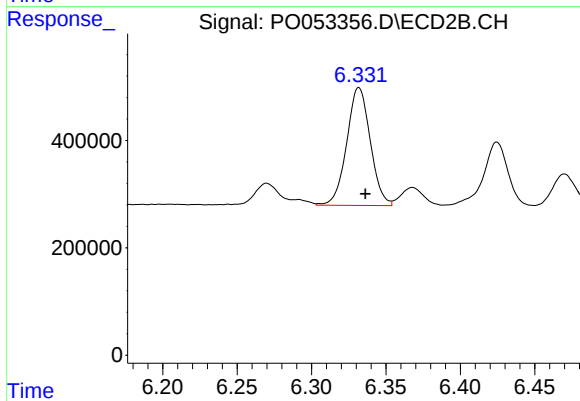
#33 AR-1260-3

R.T.: 5.884 min
Delta R.T.: -0.005 min
Response: 3470954
Conc: 212.37 ng/ml



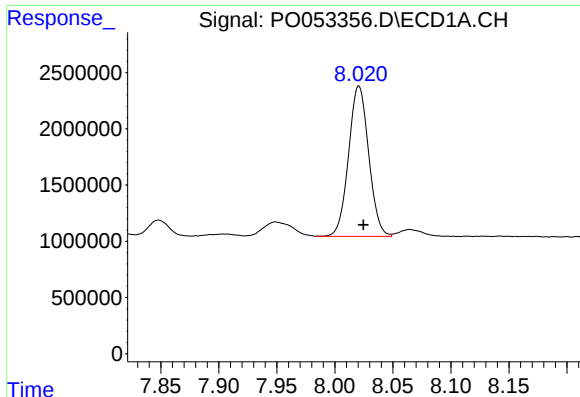
#34 AR-1260-4

R.T.: 7.715 min
Delta R.T.: -0.004 min
Response: 7963003
Conc: 236.23 ng/ml



#34 AR-1260-4

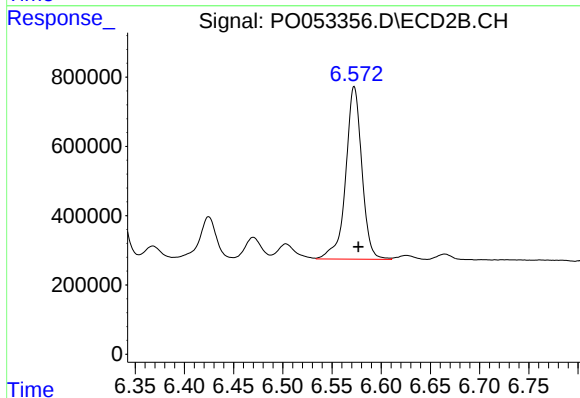
R.T.: 6.332 min
Delta R.T.: -0.004 min
Response: 2422276
Conc: 231.07 ng/ml



#35 AR-1260-5

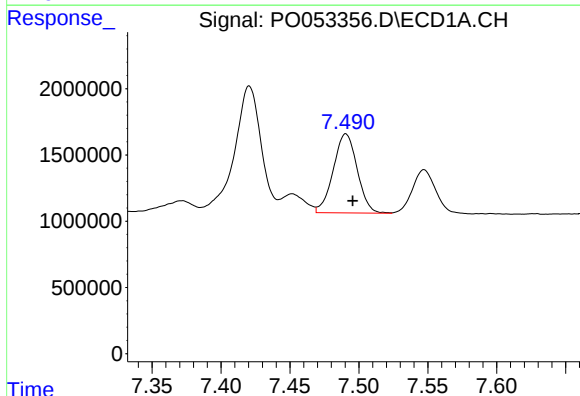
R.T.: 8.021 min
Delta R.T.: -0.004 min
Response: 16142979
Conc: 236.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



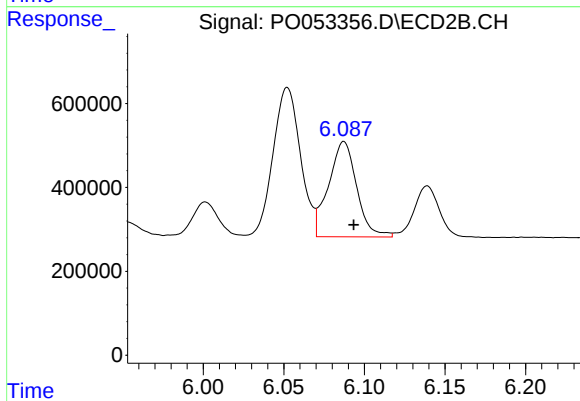
#35 AR-1260-5

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 5706660
Conc: 221.74 ng/ml



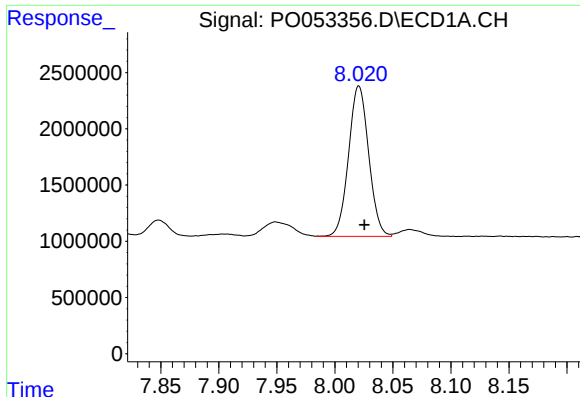
#36 AR-1262-1

R.T.: 7.491 min
Delta R.T.: -0.005 min
Response: 7208246
Conc: 119.78 ng/ml



#36 AR-1262-1

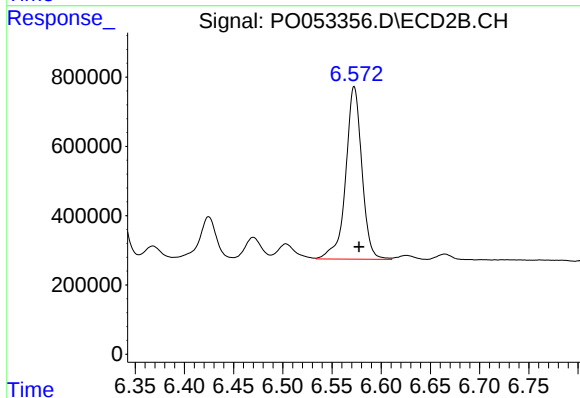
R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 2759967
Conc: 127.07 ng/ml



#37 AR-1262-2

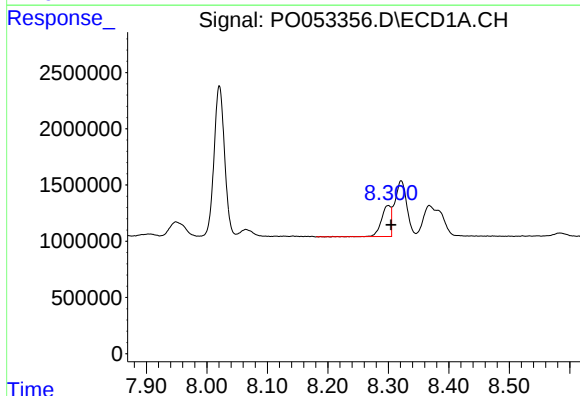
R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 16142979
Conc: 158.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



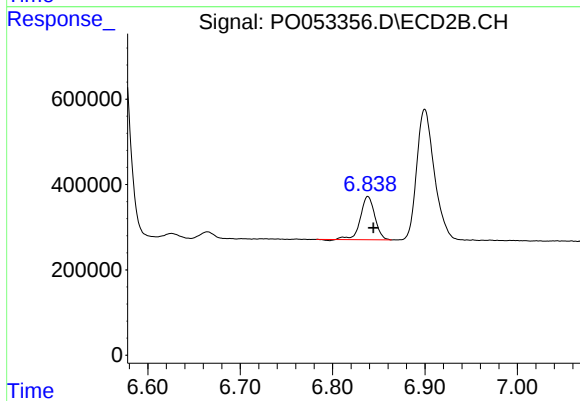
#37 AR-1262-2

R.T.: 6.573 min
Delta R.T.: -0.005 min
Response: 5706660
Conc: 157.57 ng/ml



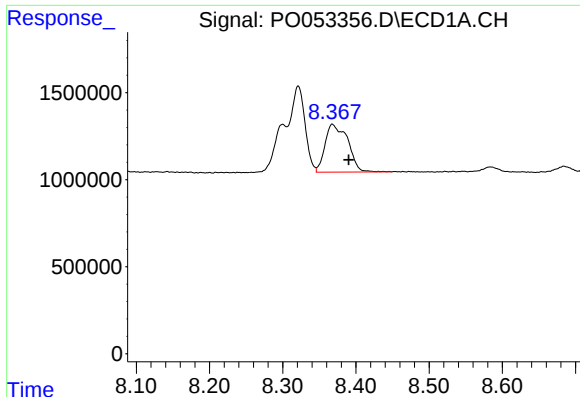
#38 AR-1262-3

R.T.: 8.300 min
Delta R.T.: -0.004 min
Response: 3002086
Conc: 64.78 ng/ml



#38 AR-1262-3

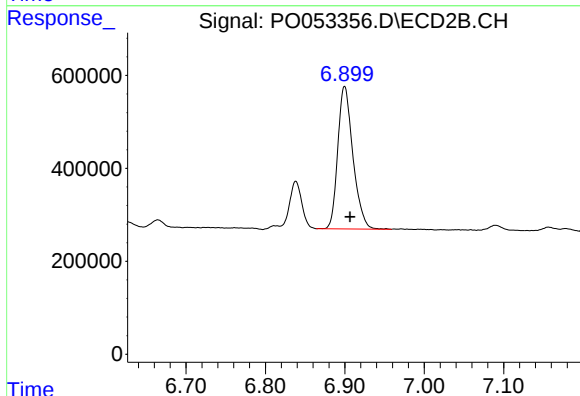
R.T.: 6.838 min
Delta R.T.: -0.006 min
Response: 1101237
Conc: 77.67 ng/ml



#39 AR-1262-4

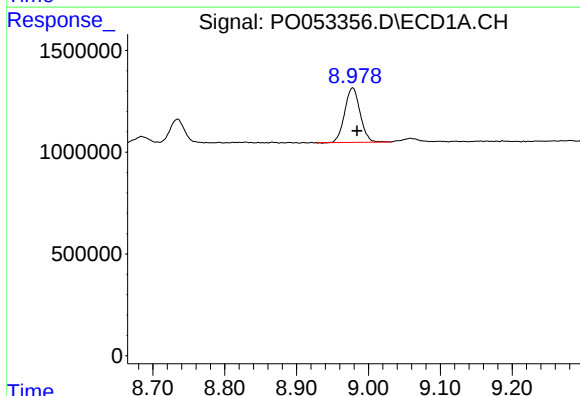
R.T.: 8.368 min
Delta R.T.: -0.022 min
Response: 5926732
Conc: 110.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



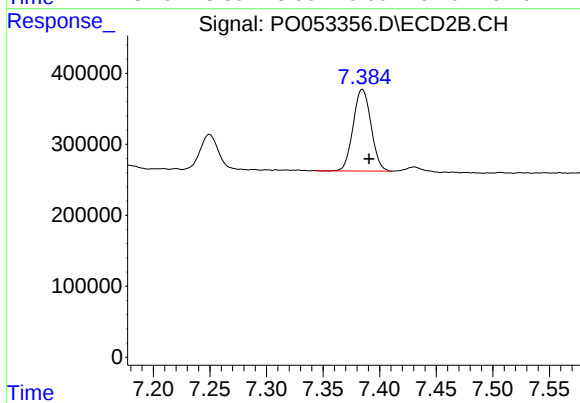
#39 AR-1262-4

R.T.: 6.900 min
Delta R.T.: -0.007 min
Response: 4073949
Conc: 154.27 ng/ml



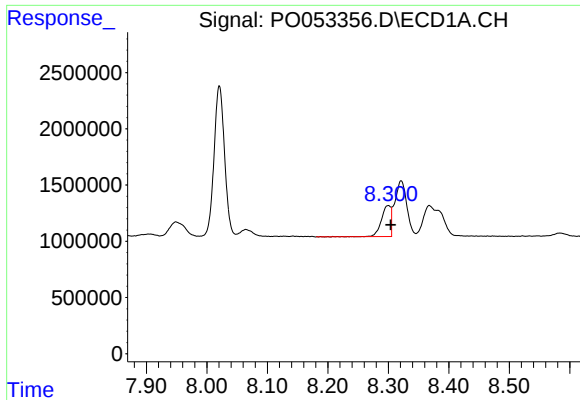
#40 AR-1262-5

R.T.: 8.978 min
Delta R.T.: -0.006 min
Response: 4006880
Conc: 104.10 ng/ml



#40 AR-1262-5

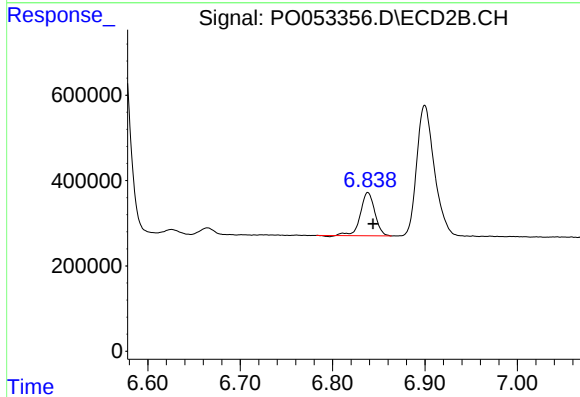
R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 1264414
Conc: 103.35 ng/ml



#41 AR-1268-1

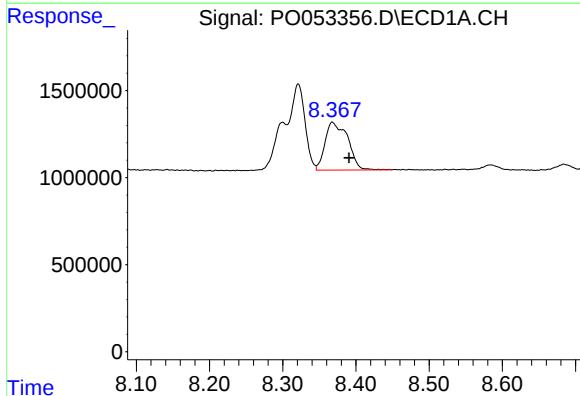
R.T.: 8.300 min
Delta R.T.: -0.004 min
Response: 3002086
Conc: 23.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



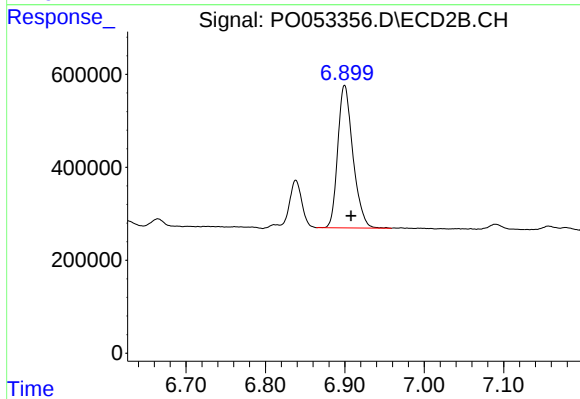
#41 AR-1268-1

R.T.: 6.838 min
Delta R.T.: -0.006 min
Response: 1101237
Conc: 26.11 ng/ml



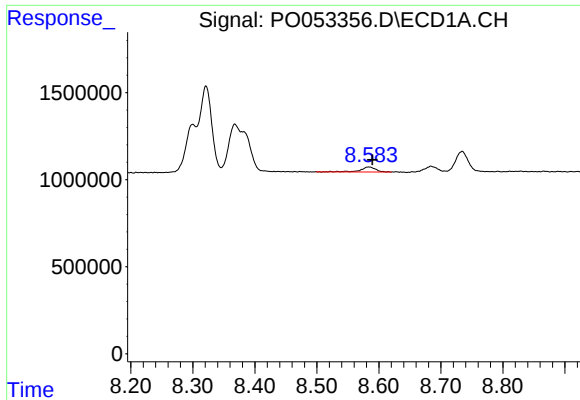
#42 AR-1268-2

R.T.: 8.368 min
Delta R.T.: -0.023 min
Response: 5926732
Conc: 48.36 ng/ml



#42 AR-1268-2

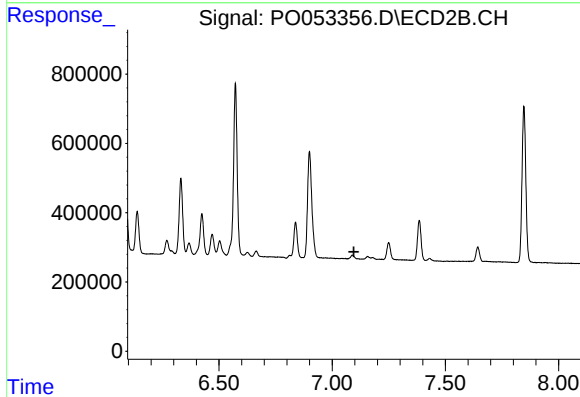
R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 4073949
Conc: 102.22 ng/ml



#43 AR-1268-3

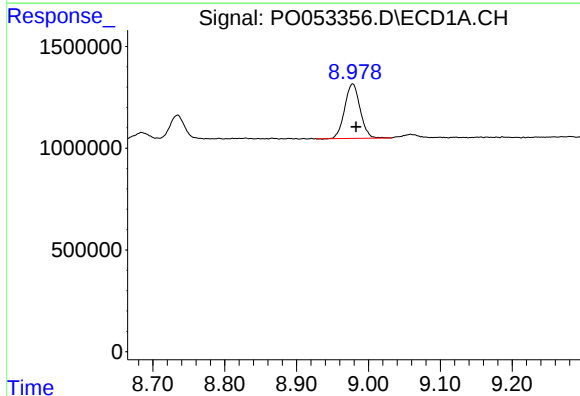
R.T.: 8.583 min
Delta R.T.: -0.006 min
Response: 498648
Conc: 4.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



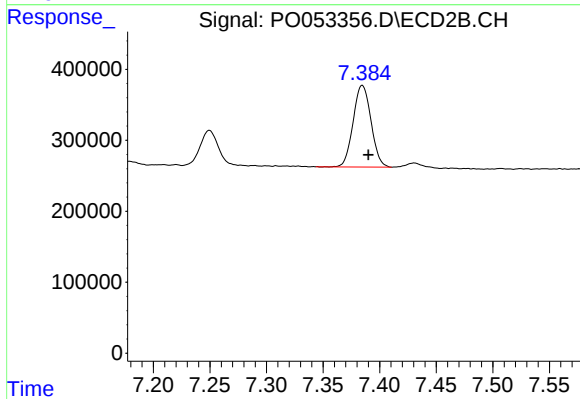
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.096 min
Response: 0
Conc: N.D.



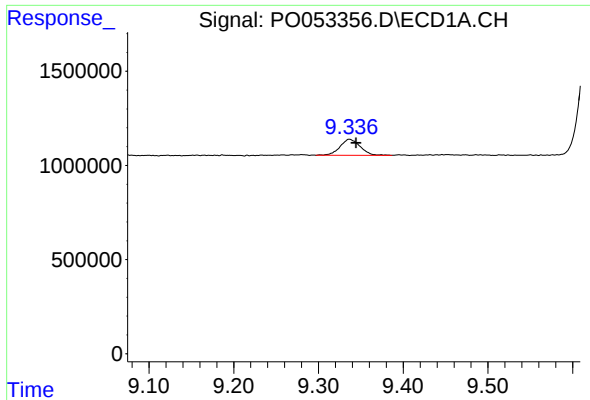
#44 AR-1268-4

R.T.: 8.978 min
Delta R.T.: -0.005 min
Response: 4006880
Conc: 91.93 ng/ml



#44 AR-1268-4

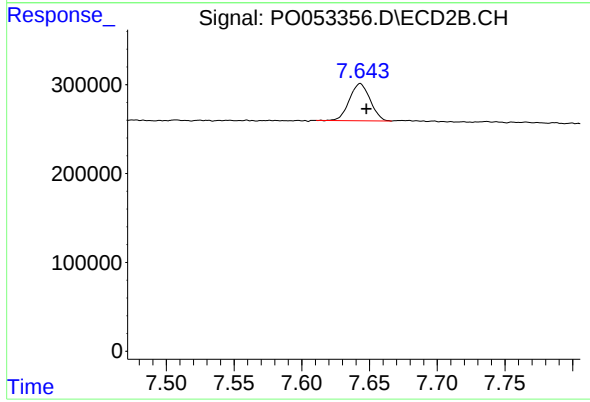
R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 1264414
Conc: 90.51 ng/ml



#45 AR-1268-5

R.T.: 9.337 min
Delta R.T.: -0.008 min
Response: 1412997
Conc: 4.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.643 min
Delta R.T.: -0.005 min
Response: 444666
Conc: 4.48 ng/ml