

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090419\
 Data File : P0060326.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Sep 2019 17:57
 Operator : SM/AJ
 Sample : PB122794BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB122794BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 01:15:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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...	4.106	3.488	859124	819918	24.538	22.778
2)	SA Decachlor...	9.558	8.338	1458297	971349	27.411	24.090
Target Compounds							
3)	L1 AR-1016-1	5.255	4.536	366156	287241	228.295	212.466
4)	L1 AR-1016-2	5.276	4.552	549613	436606	229.724	217.975
5)	L1 AR-1016-3	5.335	4.765	332475	-10400	223.209	N.D. #
6)	L1 AR-1016-4	5.434	4.765	256347	-10400	211.901	N.D. #
7)	L1 AR-1016-5	5.721	4.972	285981	172643	222.703	149.873 #
8)	L2 AR-1221-1	0.000	3.692	0	26924	N.D.	67.077 #
9)	L2 AR-1221-2	4.479	3.777	147059	55701	452.776	182.852 #
10)	L2 AR-1221-3	4.479	3.849	147059	165860	139.808	169.514
11)	L3 AR-1232-1	4.479	3.849	147059	165860	117.984	145.475
12)	L3 AR-1232-2	4.992	4.552	227950	436606	322.694	342.819
13)	L3 AR-1232-3	5.276	4.765	549613	-10400	358.904	N.D. #
14)	L3 AR-1232-4	5.519	4.833	217997	68390	278.811	112.103 #
15)	L3 AR-1232-5	5.563	4.972	166168	172643	276.427	253.613
16)	L4 AR-1242-1	5.276	4.552	549613	436606	432.931	424.442
17)	L4 AR-1242-2	5.276	4.552	549613	436606	296.183	286.659
18)	L4 AR-1242-3	5.335	4.765	332475	-10400	284.449	N.D. #
19)	L4 AR-1242-4	5.519	4.833	217997	68390	225.232	81.964 #
20)	L4 AR-1242-5	0.000	5.314	0	180522	N.D.	161.382 #
21)	L5 AR-1248-1	5.276	4.552	549613	436606	548.214	527.287
22)	L5 AR-1248-2	5.519	4.765	217997	-10400	150.249	N.D. #
23)	L5 AR-1248-3	5.721	4.805	285981	193245	172.066	162.699
24)	L5 AR-1248-4	6.089	4.972	142053	172643	69.494	118.812 #
25)	L5 AR-1248-5	0.000	5.314	0	180522	N.D.	126.126 #
26)	L6 AR-1254-1	6.089	5.314	142053	180522	68.085	76.112
27)	L6 AR-1254-2	6.303	5.459	241688	166913	72.443	79.547
28)	L6 AR-1254-3	6.720	5.865	365776	393637	103.080	117.067
29)	L6 AR-1254-4	0.000	6.107	0	103050	N.D.	49.980 #
30)	L6 AR-1254-5	7.365	6.488	985544	676919	318.699	218.011 #
31)	L7 AR-1260-1	6.827	5.979	642805	494384	238.445	216.939
32)	L7 AR-1260-2	7.082	6.167	856749	655836	230.900	223.844
33)	L7 AR-1260-3	7.436	6.315	739634	584962	225.751	220.812
34)	L7 AR-1260-4	7.663	6.777	739537	496641	240.788	219.502
35)	L7 AR-1260-5	7.969	7.020	1597393	1300160	225.592	236.250
36)	L8 AR-1262-1	7.493	6.521	383254	621758	78.974	166.800 #
37)	L8 AR-1262-2	7.969	7.020	1597393	1300160	207.027	221.151
38)	L8 AR-1262-3	8.316	7.293	663616	323520	130.062	127.322
39)	L8 AR-1262-4	8.316	7.359	663616	911452	172.156	206.260
40)	L8 AR-1262-5	8.919	7.851	590229	302030	229.969	167.278 #
41)	L9 AR-1268-1	8.316	7.293	663616	323520	70.517	45.432 #

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 Acq On : 04 Sep 2019 17:57
 Operator : SM/AJ
 Sample : PB122794BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

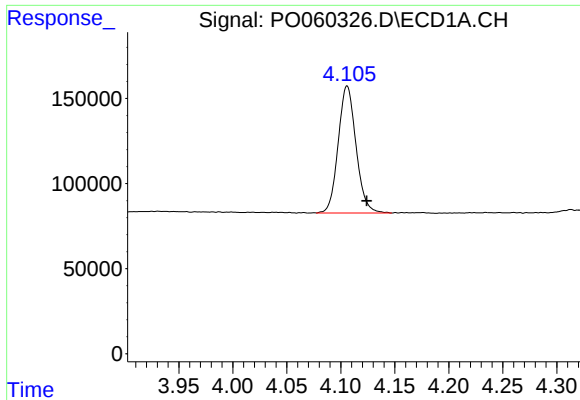
Instrument :
 ECD_O
 ClientSampleId :
 PB122794BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 01:15:31 2019
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.316	7.359	663616	911452	84.187	141.354 #
43) L9	AR-1268-3	8.629	7.554	228289	20393	32.387	3.727 #
44) L9	AR-1268-4	8.919	7.851	590229	302030	212.309	147.960 #
45) L9	AR-1268-5	0.000	8.117	0	87852	N.D.	6.046 #

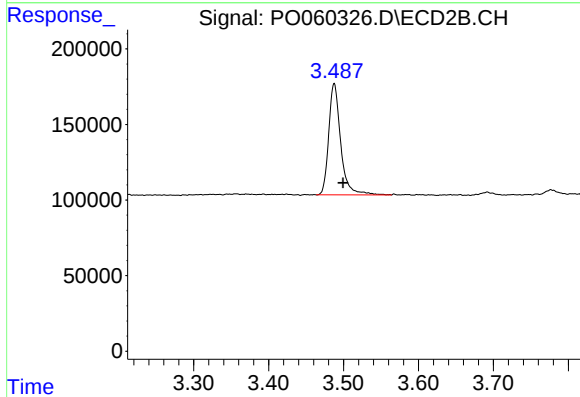
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

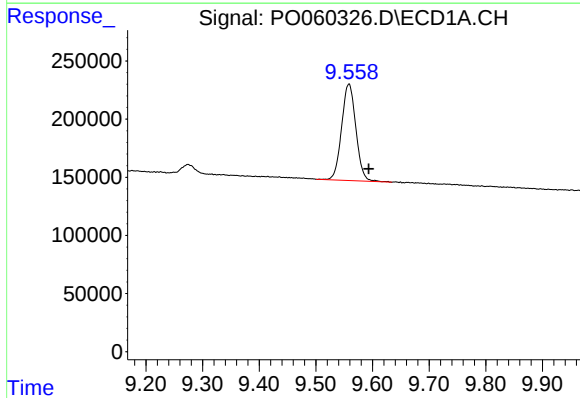
R.T.: 4.106 min
Delta R.T.: -0.018 min
Response: 859124
Conc: 24.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



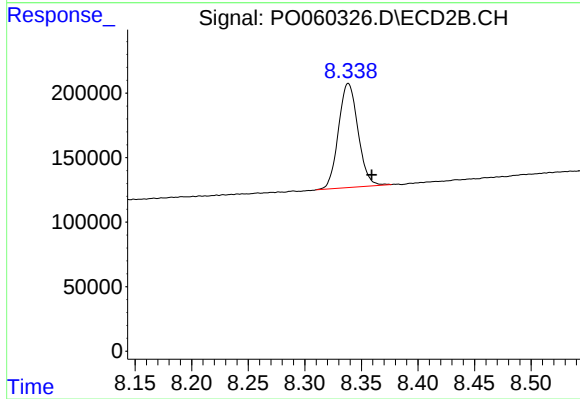
#1 Tetrachloro-m-xylene

R.T.: 3.488 min
Delta R.T.: -0.012 min
Response: 819918
Conc: 22.78 ng/ml



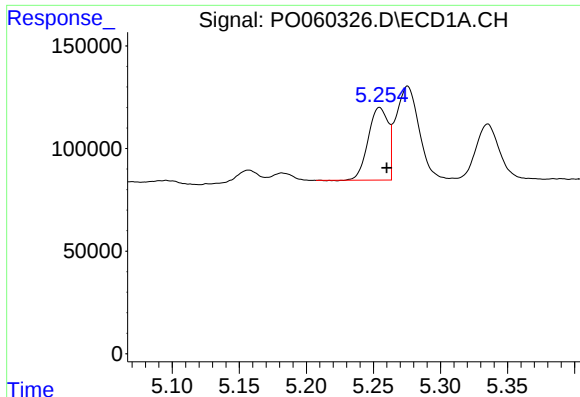
#2 Decachlorobiphenyl

R.T.: 9.558 min
Delta R.T.: -0.035 min
Response: 1458297
Conc: 27.41 ng/ml



#2 Decachlorobiphenyl

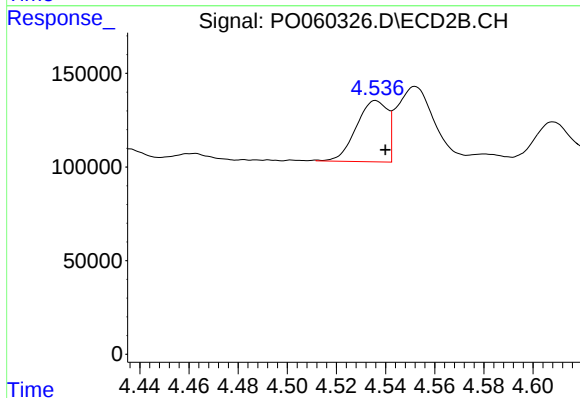
R.T.: 8.338 min
Delta R.T.: -0.021 min
Response: 971349
Conc: 24.09 ng/ml



#3 AR-1016-1

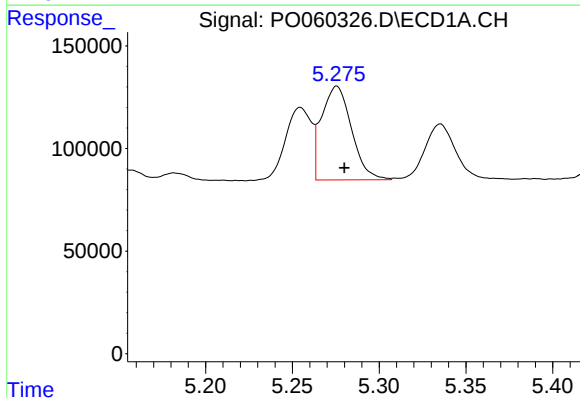
R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 366156
Conc: 228.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



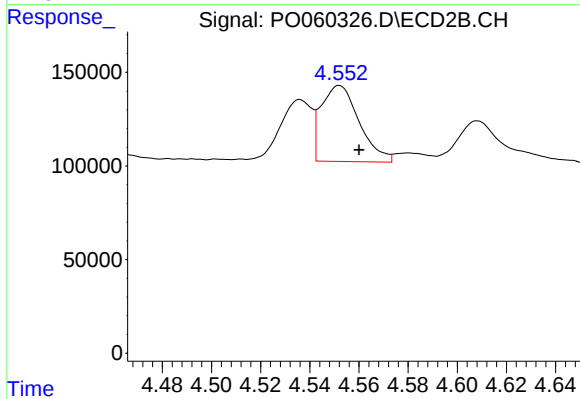
#3 AR-1016-1

R.T.: 4.536 min
Delta R.T.: -0.004 min
Response: 287241
Conc: 212.47 ng/ml



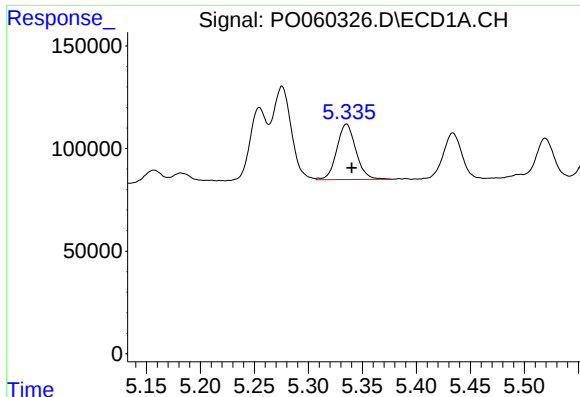
#4 AR-1016-2

R.T.: 5.276 min
Delta R.T.: -0.004 min
Response: 549613
Conc: 229.72 ng/ml



#4 AR-1016-2

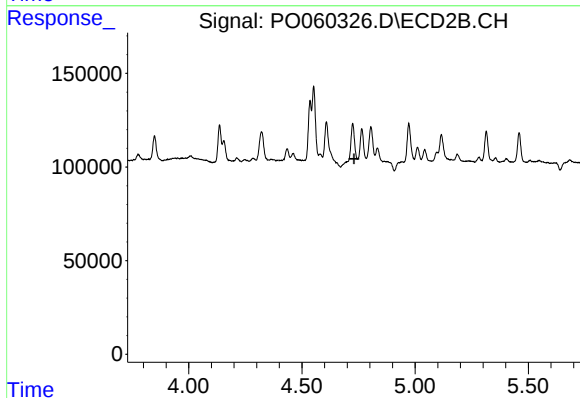
R.T.: 4.552 min
Delta R.T.: -0.008 min
Response: 436606
Conc: 217.98 ng/ml



#5 AR-1016-3

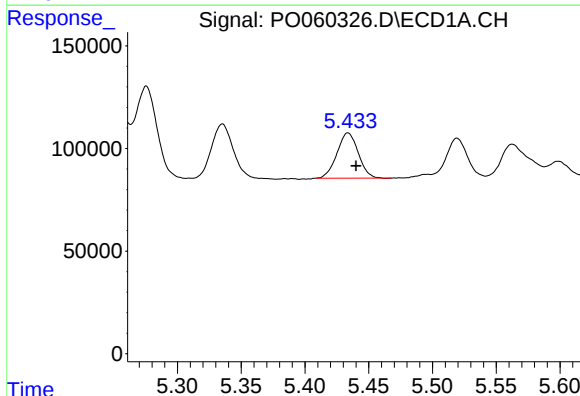
R.T.: 5.335 min
Delta R.T.: -0.005 min
Response: 332475
Conc: 223.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



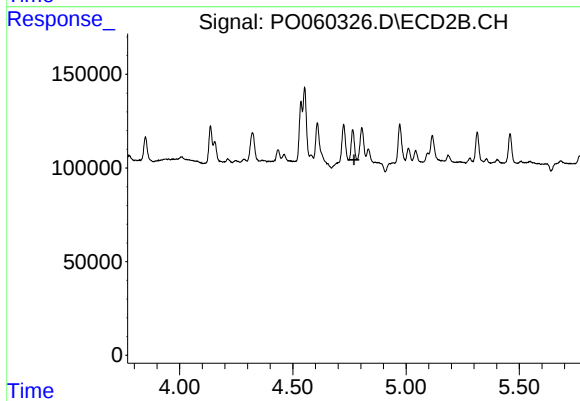
#5 AR-1016-3

R.T.: 4.765 min
Delta R.T.: 0.035 min
Response: -10400
Conc: N.D.



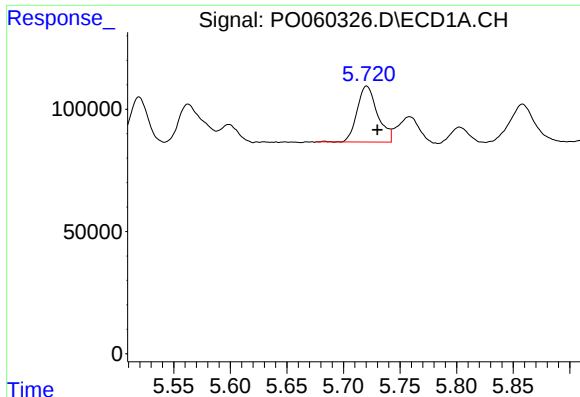
#6 AR-1016-4

R.T.: 5.434 min
Delta R.T.: -0.006 min
Response: 256347
Conc: 211.90 ng/ml



#6 AR-1016-4

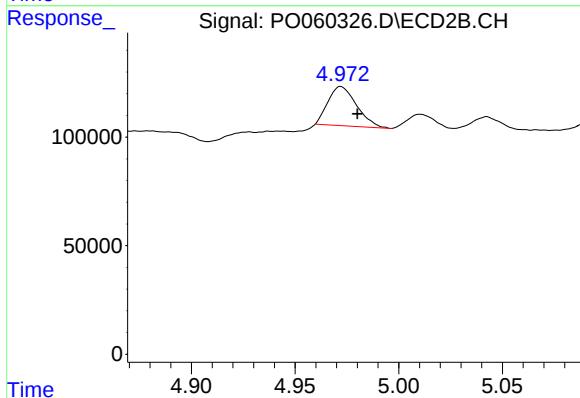
R.T.: 4.765 min
Delta R.T.: -0.005 min
Response: -10400
Conc: N.D.



#7 AR-1016-5

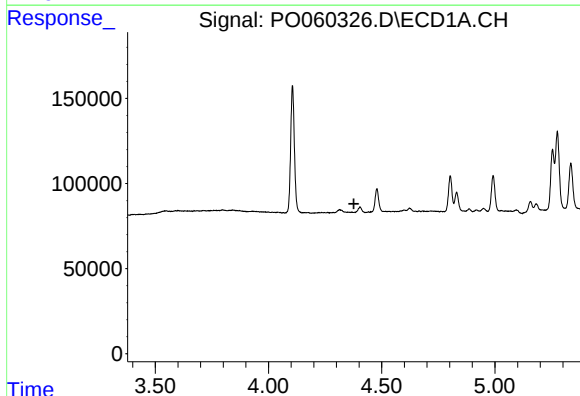
R.T.: 5.721 min
Delta R.T.: -0.009 min
Response: 285981
Conc: 222.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



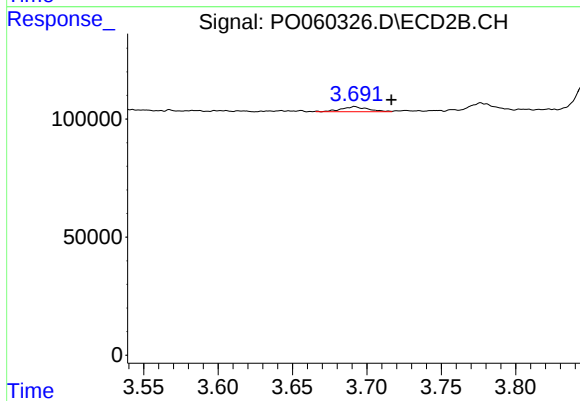
#7 AR-1016-5

R.T.: 4.972 min
Delta R.T.: -0.008 min
Response: 172643
Conc: 149.87 ng/ml



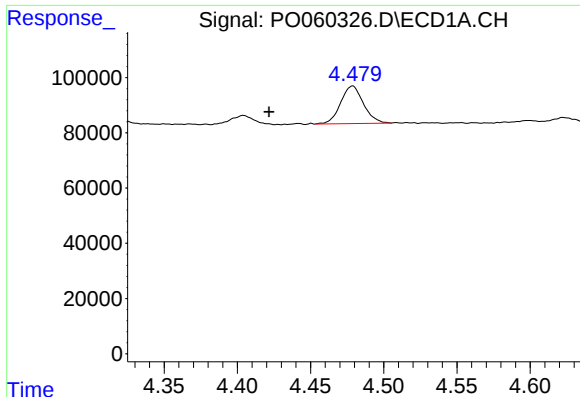
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.377 min
Response: 0
Conc: N.D.



#8 AR-1221-1

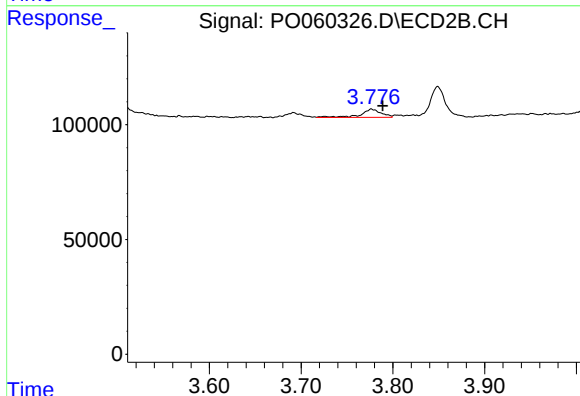
R.T.: 3.692 min
Delta R.T.: -0.025 min
Response: 26924
Conc: 67.08 ng/ml



#9 AR-1221-2

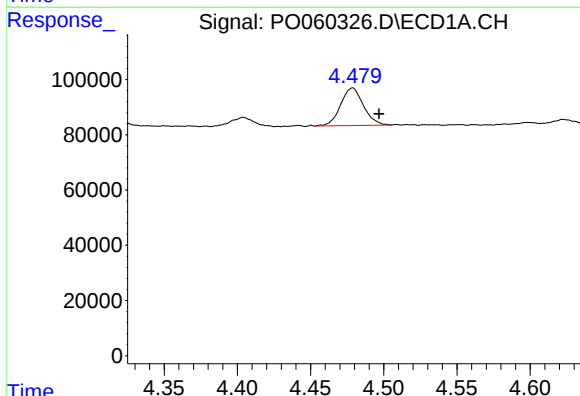
R.T.: 4.479 min
Delta R.T.: 0.057 min
Response: 147059
Conc: 452.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



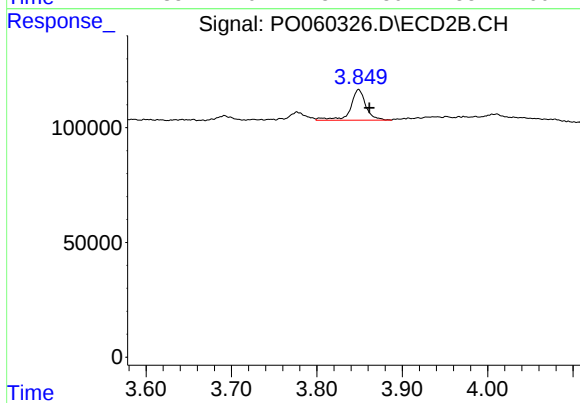
#9 AR-1221-2

R.T.: 3.777 min
Delta R.T.: -0.012 min
Response: 55701
Conc: 182.85 ng/ml



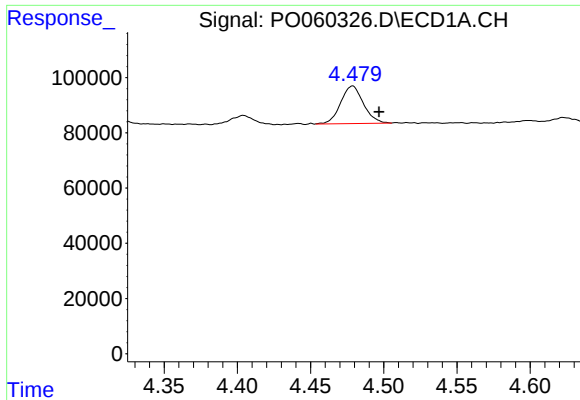
#10 AR-1221-3

R.T.: 4.479 min
Delta R.T.: -0.018 min
Response: 147059
Conc: 139.81 ng/ml



#10 AR-1221-3

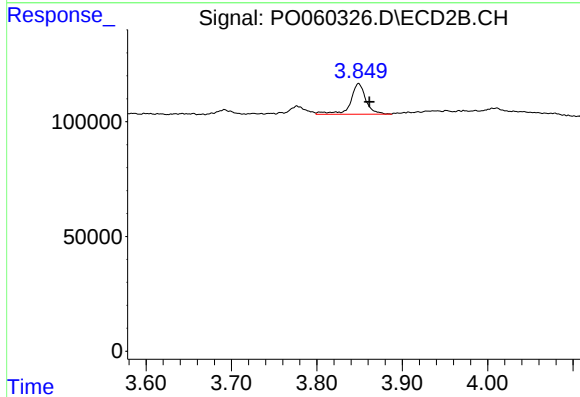
R.T.: 3.849 min
Delta R.T.: -0.013 min
Response: 165860
Conc: 169.51 ng/ml



#11 AR-1232-1

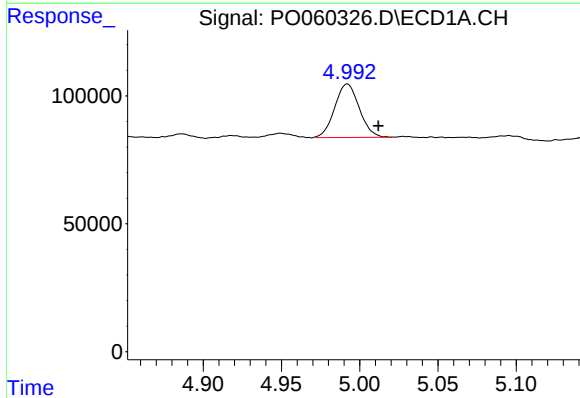
R.T.: 4.479 min
Delta R.T.: -0.018 min
Response: 147059
Conc: 117.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



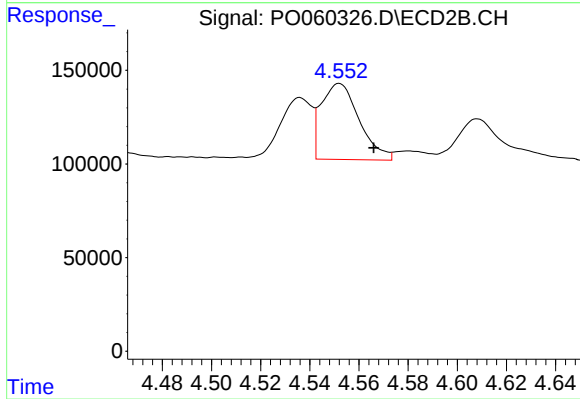
#11 AR-1232-1

R.T.: 3.849 min
Delta R.T.: -0.013 min
Response: 165860
Conc: 145.47 ng/ml



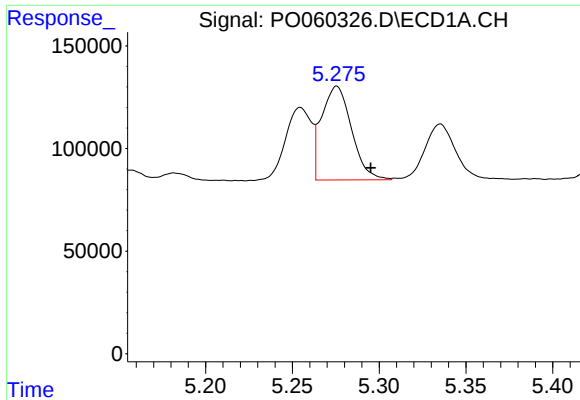
#12 AR-1232-2

R.T.: 4.992 min
Delta R.T.: -0.020 min
Response: 227950
Conc: 322.69 ng/ml



#12 AR-1232-2

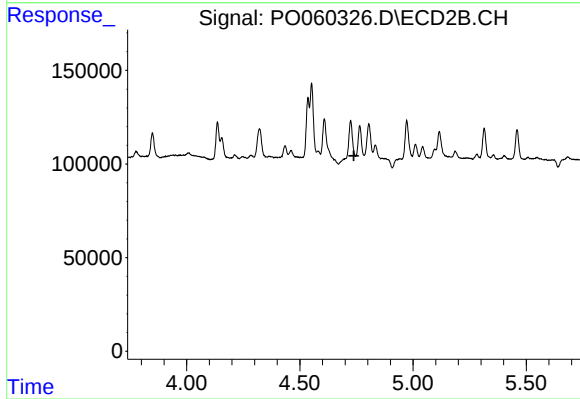
R.T.: 4.552 min
Delta R.T.: -0.014 min
Response: 436606
Conc: 342.82 ng/ml



#13 AR-1232-3

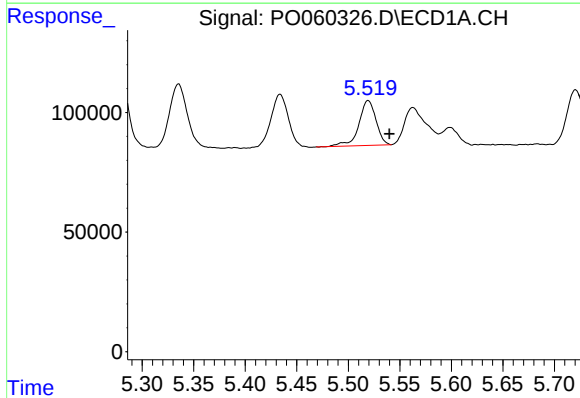
R.T.: 5.276 min
Delta R.T.: -0.020 min
Response: 549613
Conc: 358.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



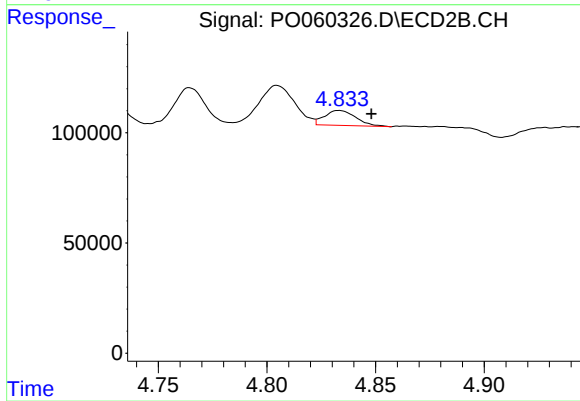
#13 AR-1232-3

R.T.: 4.765 min
Delta R.T.: 0.026 min
Response: -10400
Conc: N.D.



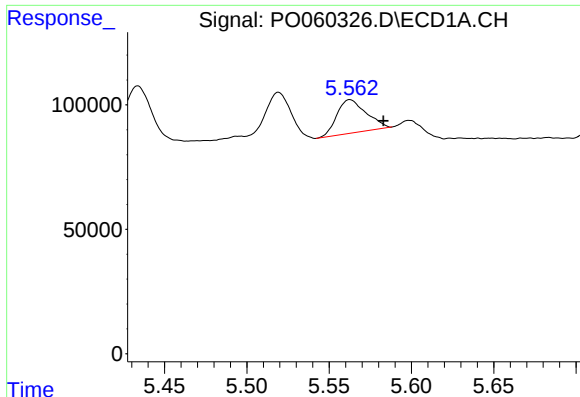
#14 AR-1232-4

R.T.: 5.519 min
Delta R.T.: -0.021 min
Response: 217997
Conc: 278.81 ng/ml



#14 AR-1232-4

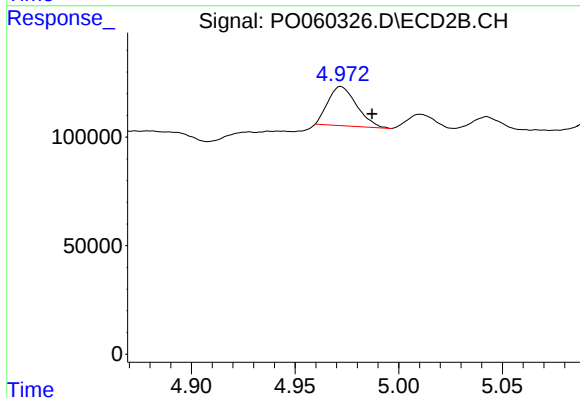
R.T.: 4.833 min
Delta R.T.: -0.015 min
Response: 68390
Conc: 112.10 ng/ml



#15 AR-1232-5

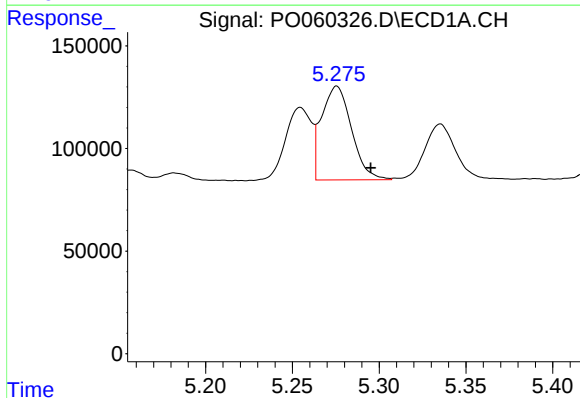
R.T.: 5.563 min
Delta R.T.: -0.020 min
Response: 166168
Conc: 276.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



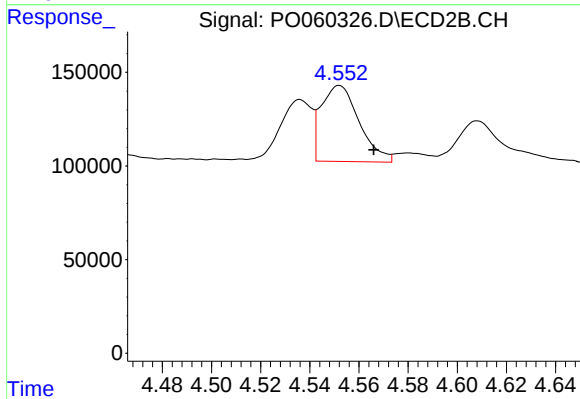
#15 AR-1232-5

R.T.: 4.972 min
Delta R.T.: -0.015 min
Response: 172643
Conc: 253.61 ng/ml



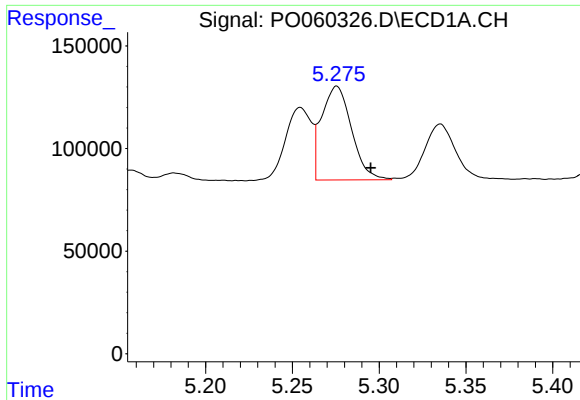
#16 AR-1242-1

R.T.: 5.276 min
Delta R.T.: -0.020 min
Response: 549613
Conc: 432.93 ng/ml



#16 AR-1242-1

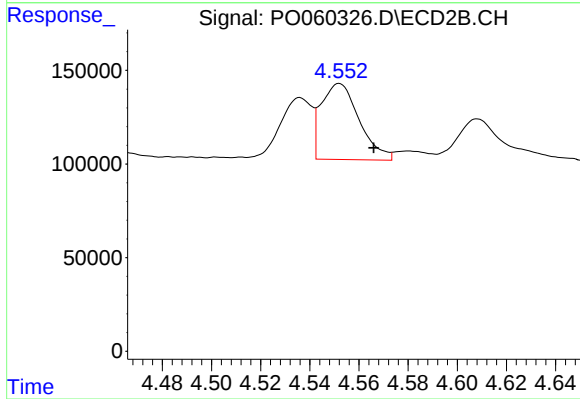
R.T.: 4.552 min
Delta R.T.: -0.014 min
Response: 436606
Conc: 424.44 ng/ml



#17 AR-1242-2

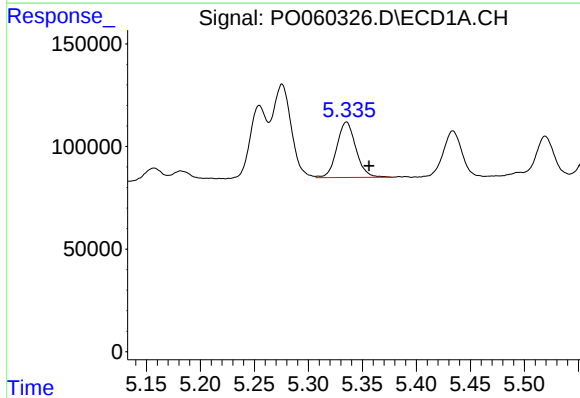
R.T.: 5.276 min
Delta R.T.: -0.020 min
Response: 549613
Conc: 296.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



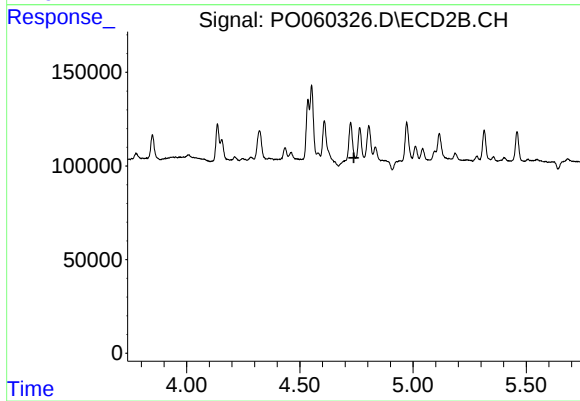
#17 AR-1242-2

R.T.: 4.552 min
Delta R.T.: -0.014 min
Response: 436606
Conc: 286.66 ng/ml



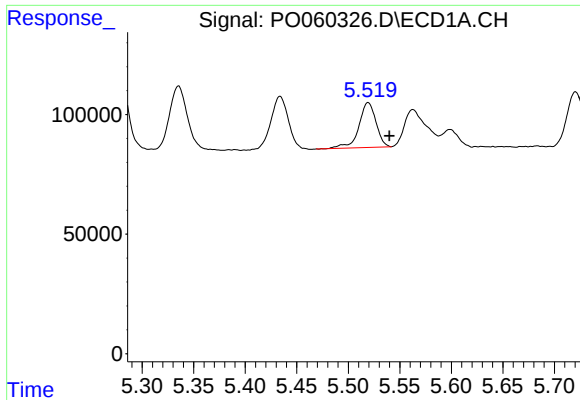
#18 AR-1242-3

R.T.: 5.335 min
Delta R.T.: -0.021 min
Response: 332475
Conc: 284.45 ng/ml



#18 AR-1242-3

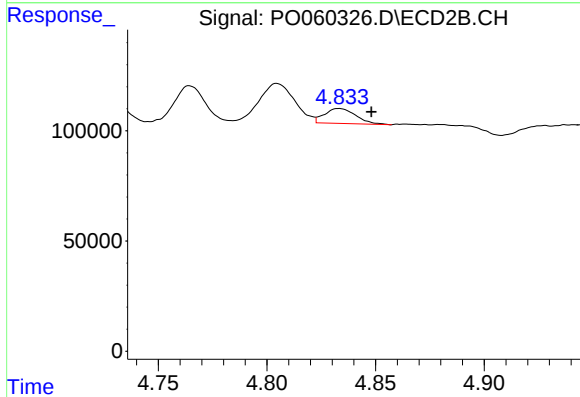
R.T.: 4.765 min
Delta R.T.: 0.026 min
Response: -10400
Conc: N.D.



#19 AR-1242-4

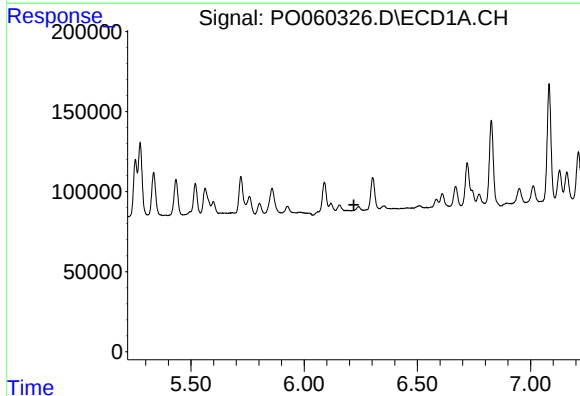
R.T.: 5.519 min
Delta R.T.: -0.021 min
Response: 217997
Conc: 225.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



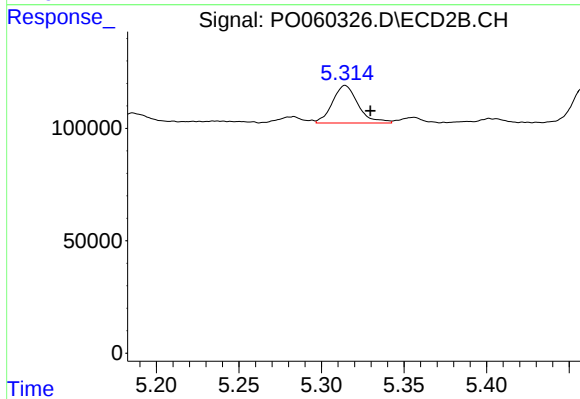
#19 AR-1242-4

R.T.: 4.833 min
Delta R.T.: -0.015 min
Response: 68390
Conc: 81.96 ng/ml



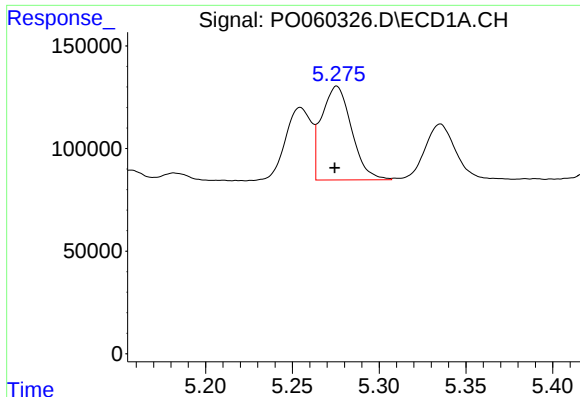
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.219 min
Response: 0
Conc: N.D.



#20 AR-1242-5

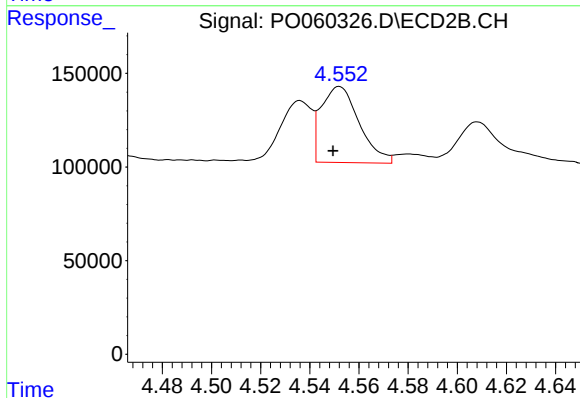
R.T.: 5.314 min
Delta R.T.: -0.015 min
Response: 180522
Conc: 161.38 ng/ml



#21 AR-1248-1

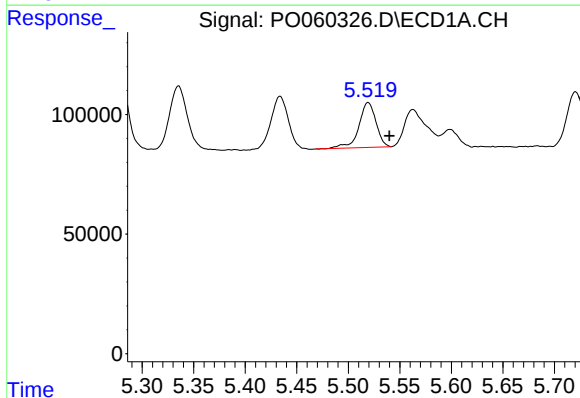
R.T.: 5.276 min
Delta R.T.: 0.001 min
Response: 549613
Conc: 548.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



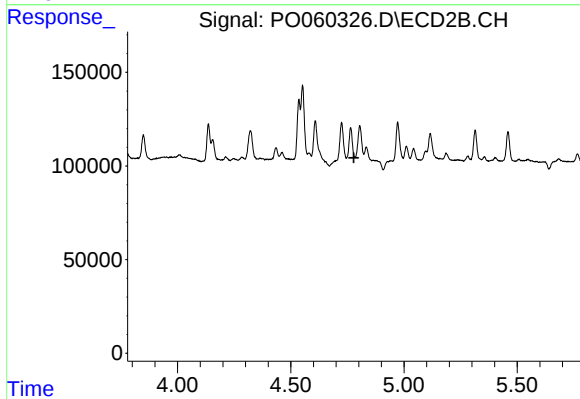
#21 AR-1248-1

R.T.: 4.552 min
Delta R.T.: 0.003 min
Response: 436606
Conc: 527.29 ng/ml



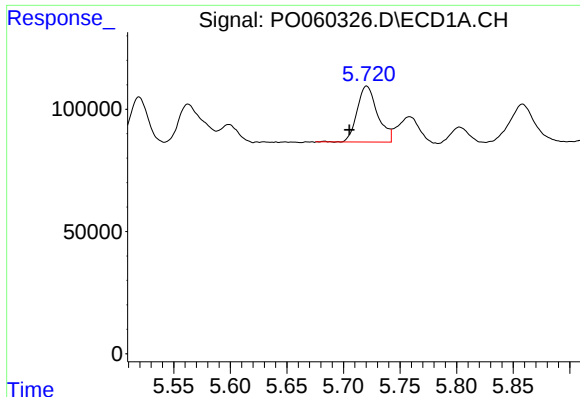
#22 AR-1248-2

R.T.: 5.519 min
Delta R.T.: -0.021 min
Response: 217997
Conc: 150.25 ng/ml



#22 AR-1248-2

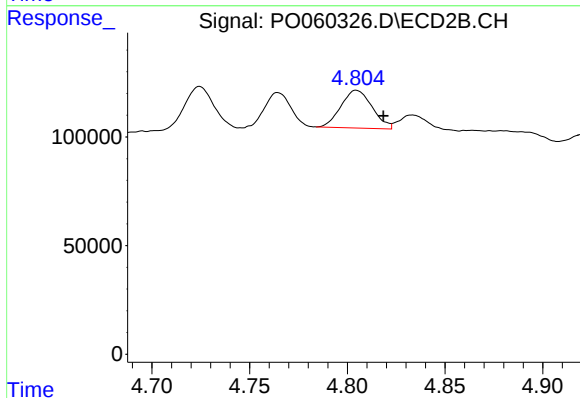
R.T.: 4.765 min
Delta R.T.: -0.014 min
Response: -10400
Conc: N.D.



#23 AR-1248-3

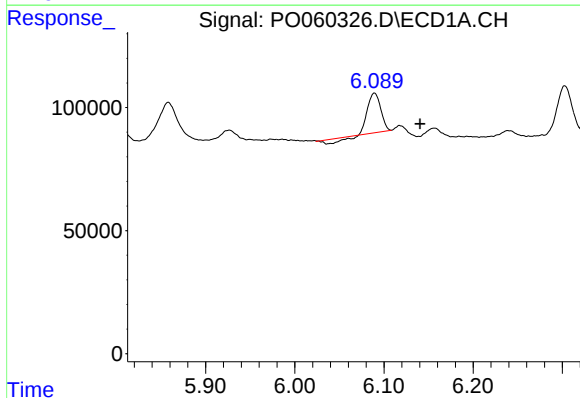
R.T.: 5.721 min
Delta R.T.: 0.015 min
Response: 285981
Conc: 172.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



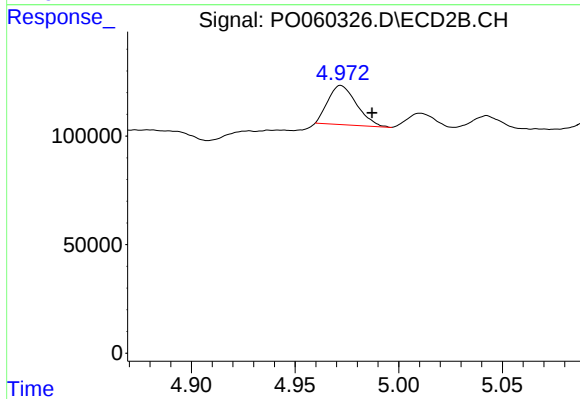
#23 AR-1248-3

R.T.: 4.805 min
Delta R.T.: -0.014 min
Response: 193245
Conc: 162.70 ng/ml



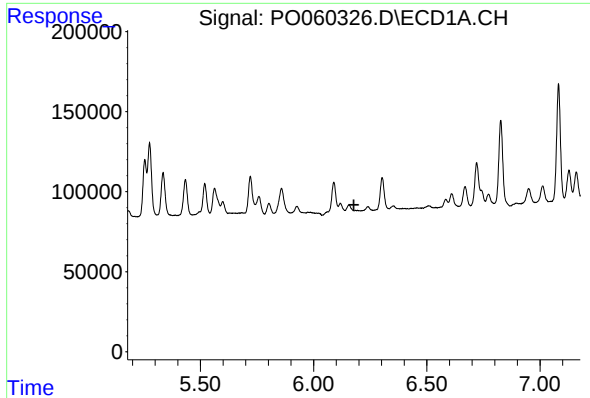
#24 AR-1248-4

R.T.: 6.089 min
Delta R.T.: -0.051 min
Response: 142053
Conc: 69.49 ng/ml



#24 AR-1248-4

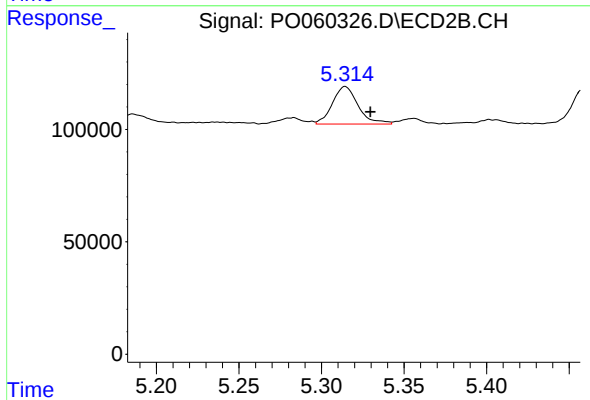
R.T.: 4.972 min
Delta R.T.: -0.015 min
Response: 172643
Conc: 118.81 ng/ml



#25 AR-1248-5

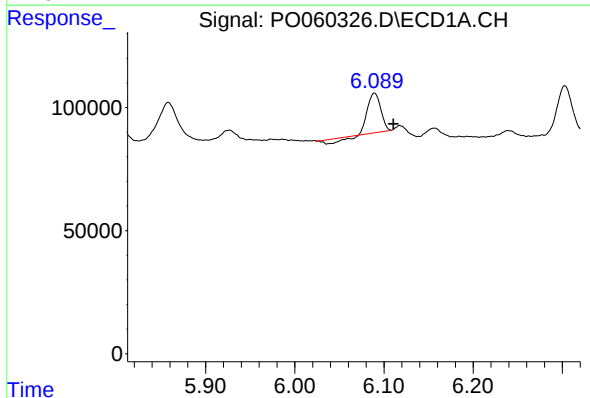
R.T.: 0.000 min
Exp R.T.: 6.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



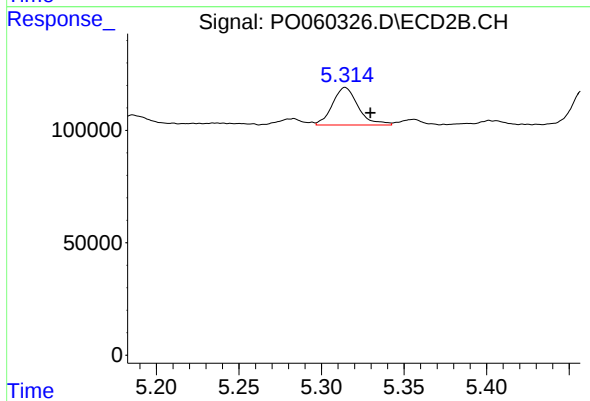
#25 AR-1248-5

R.T.: 5.314 min
Delta R.T.: -0.015 min
Response: 180522
Conc: 126.13 ng/ml



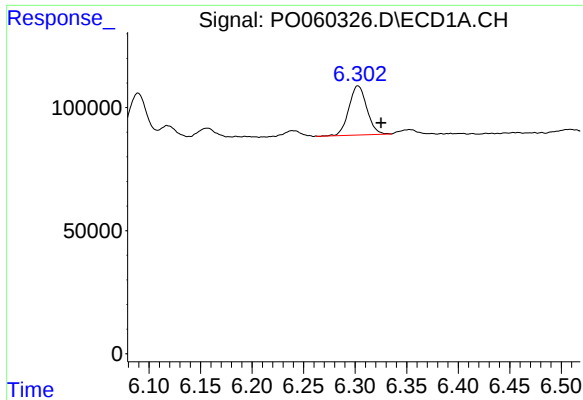
#26 AR-1254-1

R.T.: 6.089 min
Delta R.T.: -0.021 min
Response: 142053
Conc: 68.08 ng/ml



#26 AR-1254-1

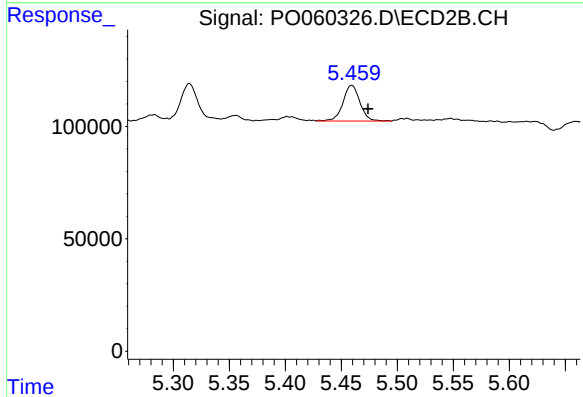
R.T.: 5.314 min
Delta R.T.: -0.015 min
Response: 180522
Conc: 76.11 ng/ml



#27 AR-1254-2

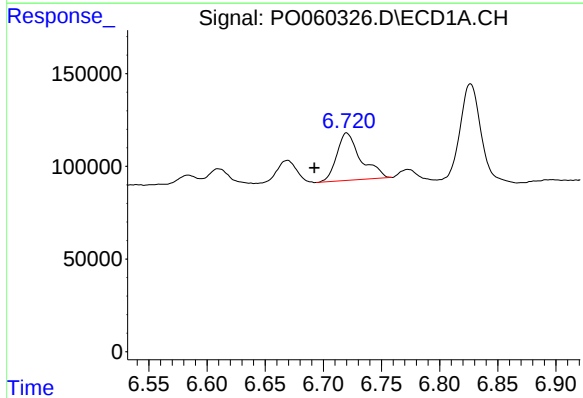
R.T.: 6.303 min
Delta R.T.: -0.022 min
Response: 241688
Conc: 72.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



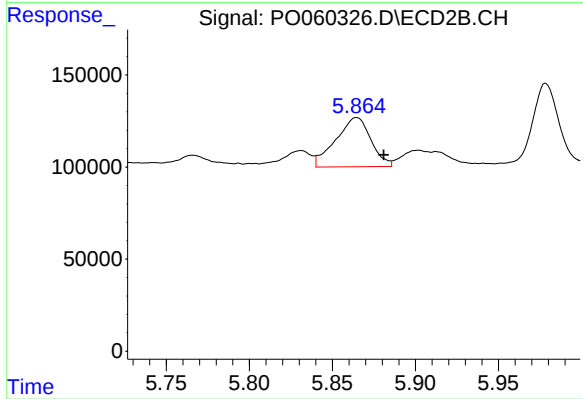
#27 AR-1254-2

R.T.: 5.459 min
Delta R.T.: -0.015 min
Response: 166913
Conc: 79.55 ng/ml



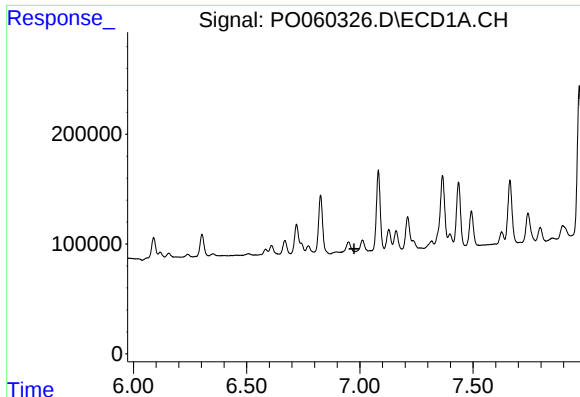
#28 AR-1254-3

R.T.: 6.720 min
Delta R.T.: 0.028 min
Response: 365776
Conc: 103.08 ng/ml



#28 AR-1254-3

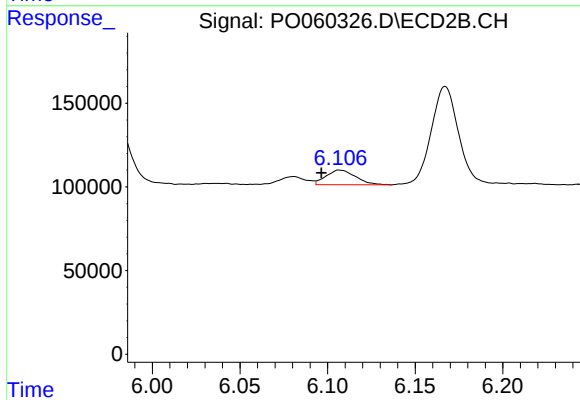
R.T.: 5.865 min
Delta R.T.: -0.016 min
Response: 393637
Conc: 117.07 ng/ml



#29 AR-1254-4

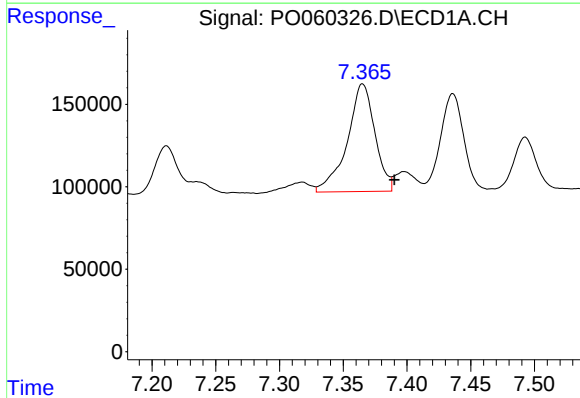
R.T.: 0.000 min
Exp R.T.: 6.974 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



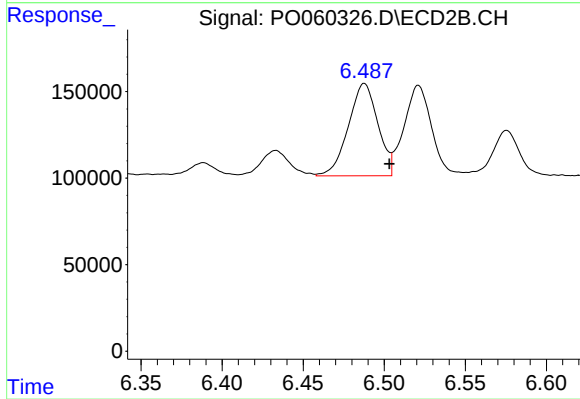
#29 AR-1254-4

R.T.: 6.107 min
Delta R.T.: 0.011 min
Response: 103050
Conc: 49.98 ng/ml



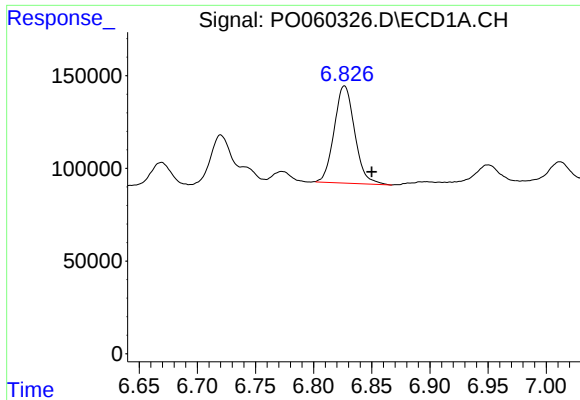
#30 AR-1254-5

R.T.: 7.365 min
Delta R.T.: -0.025 min
Response: 985544
Conc: 318.70 ng/ml



#30 AR-1254-5

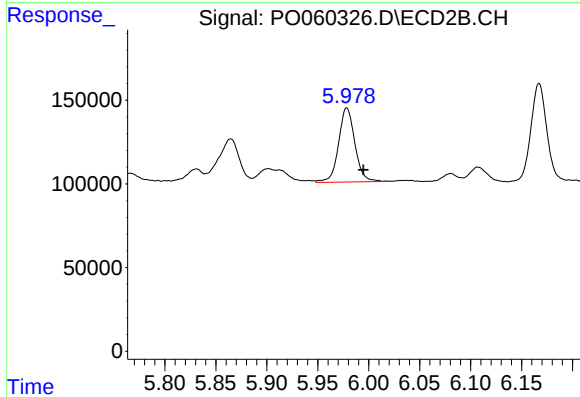
R.T.: 6.488 min
Delta R.T.: -0.016 min
Response: 676919
Conc: 218.01 ng/ml



#31 AR-1260-1

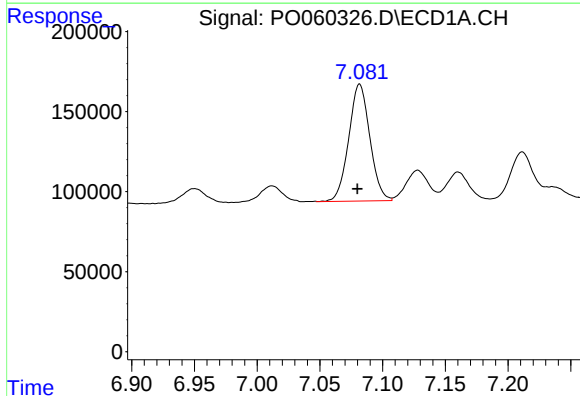
R.T.: 6.827 min
Delta R.T.: -0.023 min
Response: 642805
Conc: 238.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



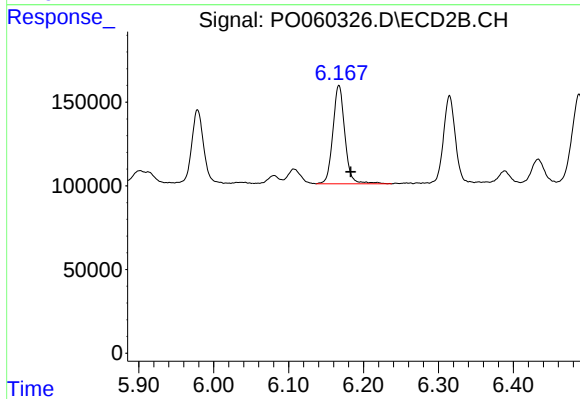
#31 AR-1260-1

R.T.: 5.979 min
Delta R.T.: -0.016 min
Response: 494384
Conc: 216.94 ng/ml



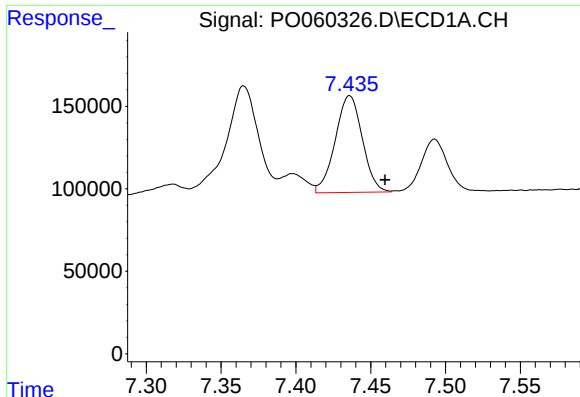
#32 AR-1260-2

R.T.: 7.082 min
Delta R.T.: 0.002 min
Response: 856749
Conc: 230.90 ng/ml



#32 AR-1260-2

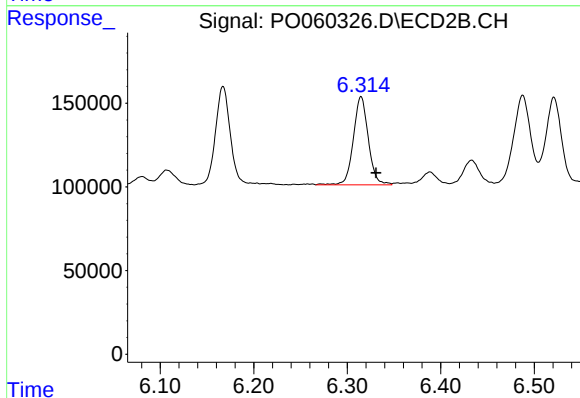
R.T.: 6.167 min
Delta R.T.: -0.016 min
Response: 655836
Conc: 223.84 ng/ml



#33 AR-1260-3

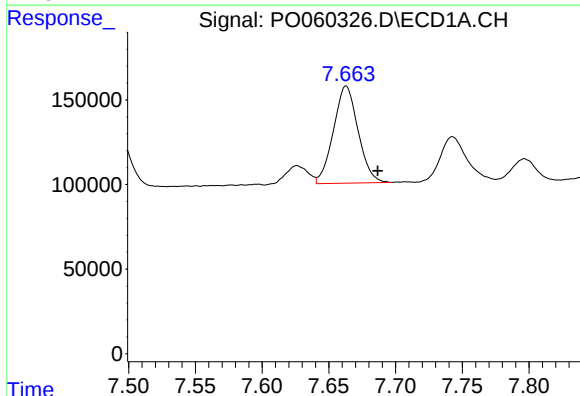
R.T.: 7.436 min
Delta R.T.: -0.024 min
Response: 739634
Conc: 225.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



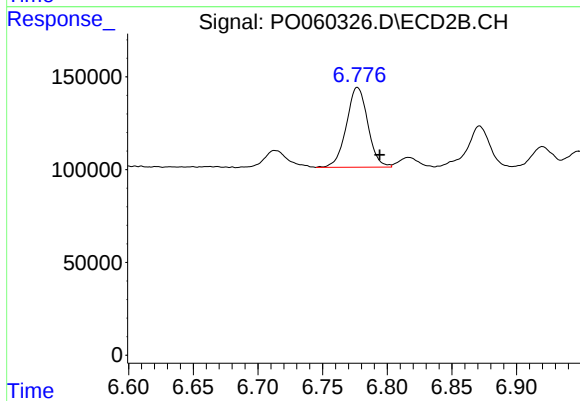
#33 AR-1260-3

R.T.: 6.315 min
Delta R.T.: -0.016 min
Response: 584962
Conc: 220.81 ng/ml



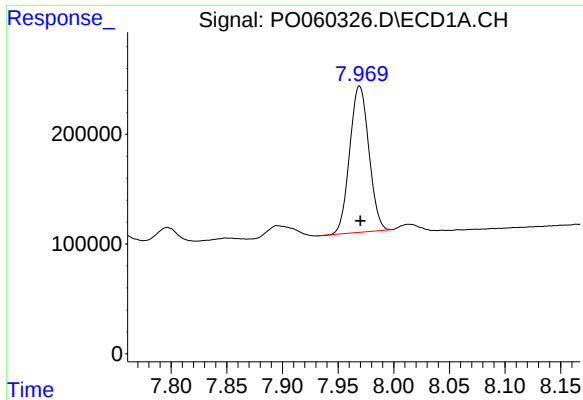
#34 AR-1260-4

R.T.: 7.663 min
Delta R.T.: -0.024 min
Response: 739537
Conc: 240.79 ng/ml



#34 AR-1260-4

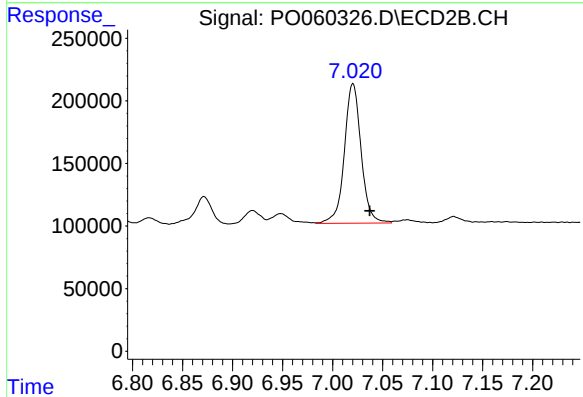
R.T.: 6.777 min
Delta R.T.: -0.017 min
Response: 496641
Conc: 219.50 ng/ml



#35 AR-1260-5

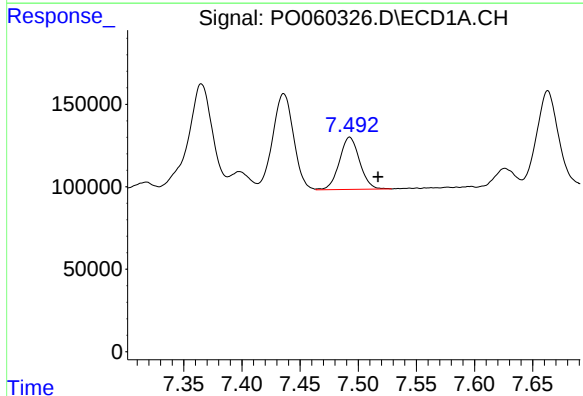
R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 1597393
Conc: 225.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



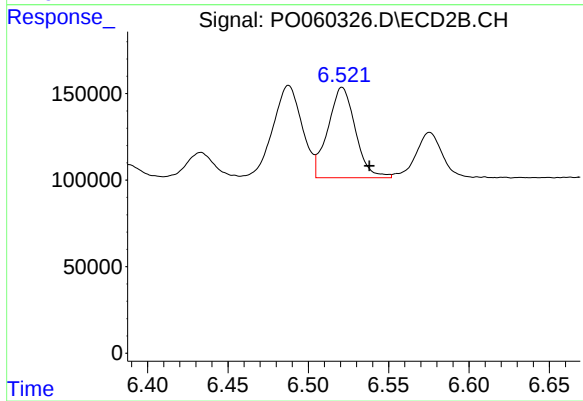
#35 AR-1260-5

R.T.: 7.020 min
Delta R.T.: -0.017 min
Response: 1300160
Conc: 236.25 ng/ml



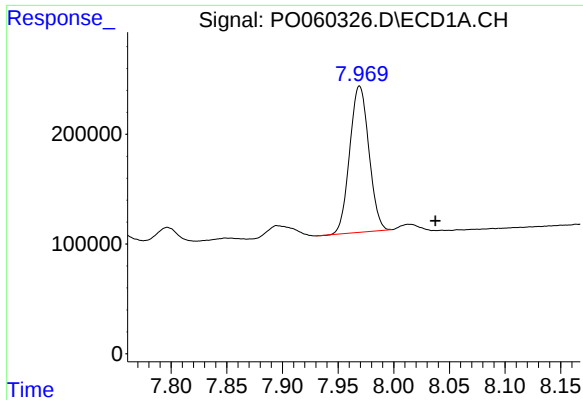
#36 AR-1262-1

R.T.: 7.493 min
Delta R.T.: -0.024 min
Response: 383254
Conc: 78.97 ng/ml



#36 AR-1262-1

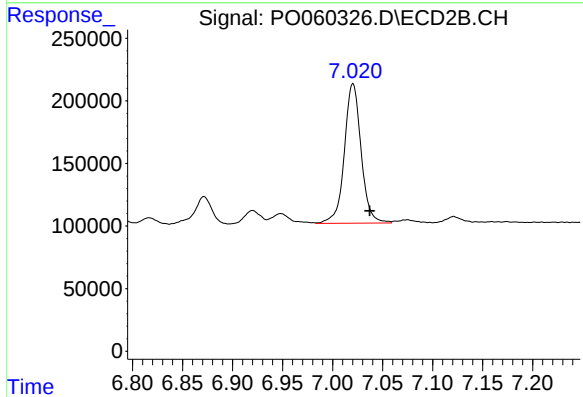
R.T.: 6.521 min
Delta R.T.: -0.017 min
Response: 621758
Conc: 166.80 ng/ml



#37 AR-1262-2

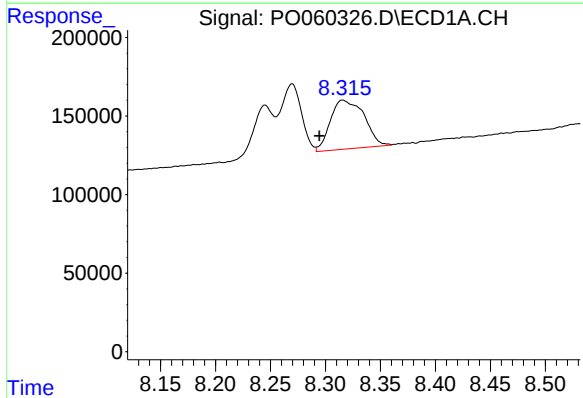
R.T.: 7.969 min
Delta R.T.: -0.068 min
Response: 1597393
Conc: 207.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



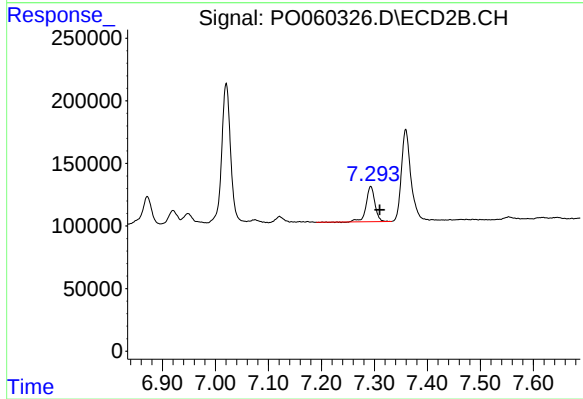
#37 AR-1262-2

R.T.: 7.020 min
Delta R.T.: -0.017 min
Response: 1300160
Conc: 221.15 ng/ml



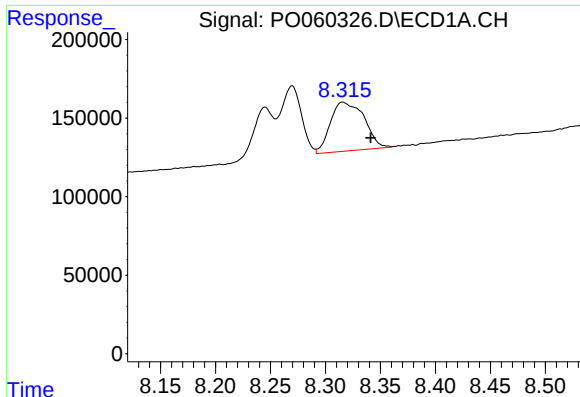
#38 AR-1262-3

R.T.: 8.316 min
Delta R.T.: 0.021 min
Response: 663616
Conc: 130.06 ng/ml



#38 AR-1262-3

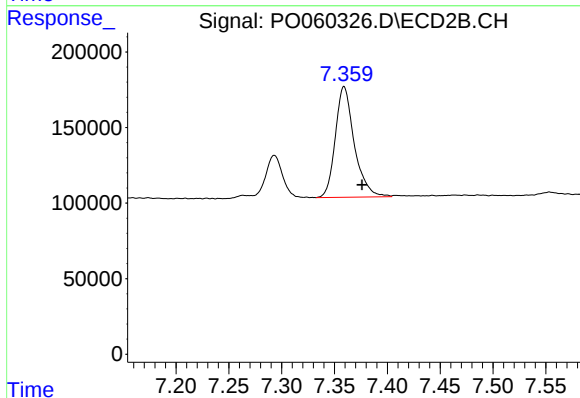
R.T.: 7.293 min
Delta R.T.: -0.017 min
Response: 323520
Conc: 127.32 ng/ml



#39 AR-1262-4

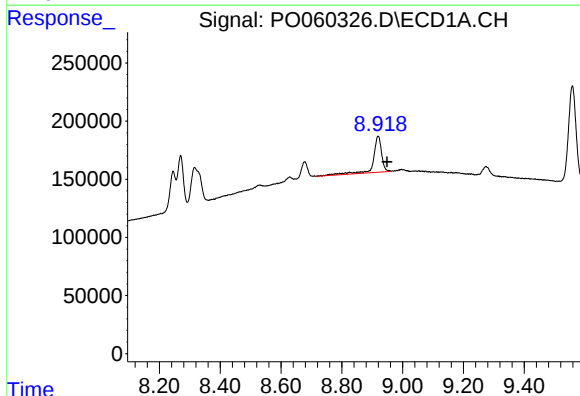
R.T.: 8.316 min
Delta R.T.: -0.026 min
Response: 663616
Conc: 172.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



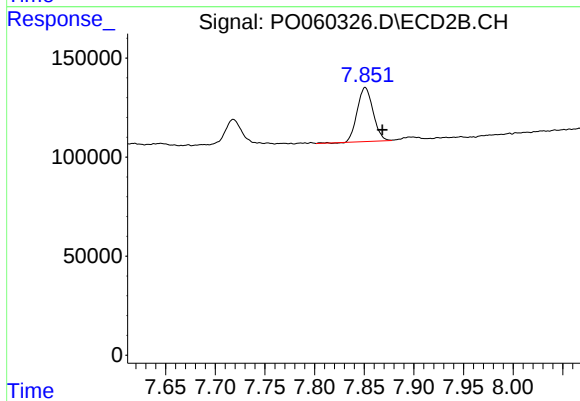
#39 AR-1262-4

R.T.: 7.359 min
Delta R.T.: -0.017 min
Response: 911452
Conc: 206.26 ng/ml



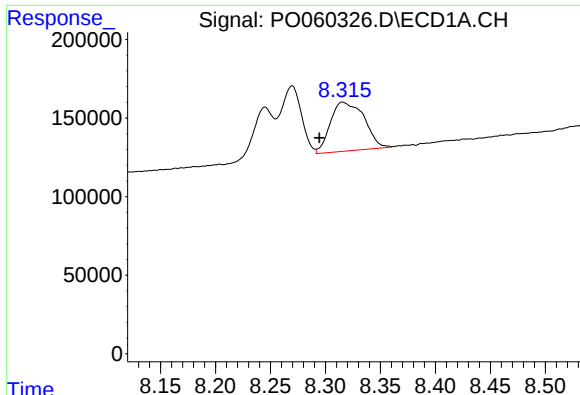
#40 AR-1262-5

R.T.: 8.919 min
Delta R.T.: -0.030 min
Response: 590229
Conc: 229.97 ng/ml



#40 AR-1262-5

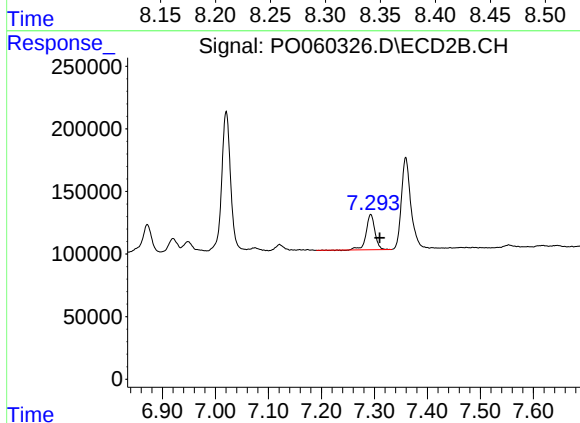
R.T.: 7.851 min
Delta R.T.: -0.017 min
Response: 302030
Conc: 167.28 ng/ml



#41 AR-1268-1

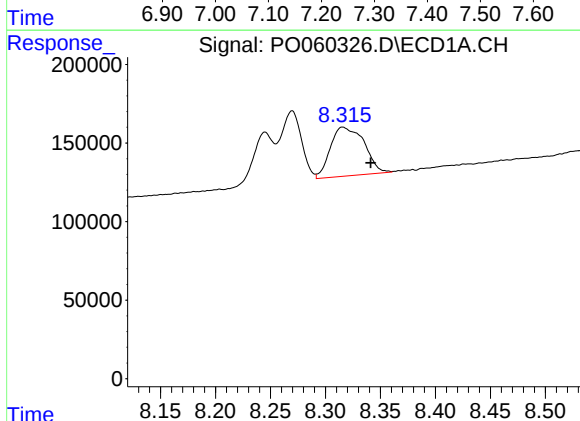
R.T.: 8.316 min
Delta R.T.: 0.021 min
Response: 663616
Conc: 70.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



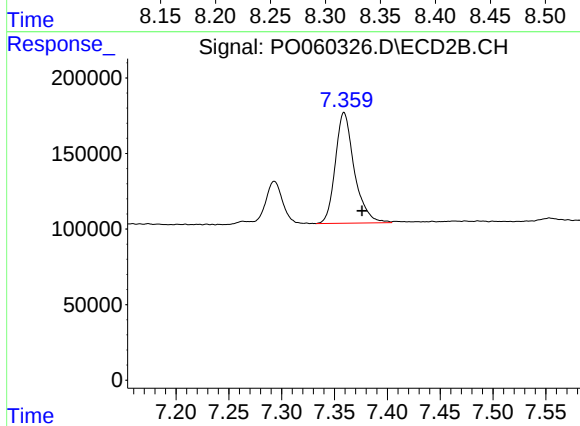
#41 AR-1268-1

R.T.: 7.293 min
Delta R.T.: -0.017 min
Response: 323520
Conc: 45.43 ng/ml



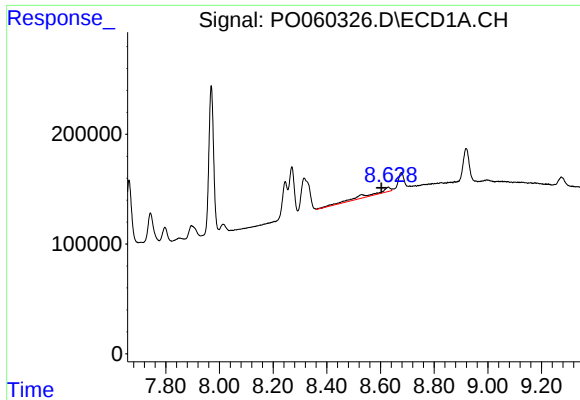
#42 AR-1268-2

R.T.: 8.316 min
Delta R.T.: -0.026 min
Response: 663616
Conc: 84.19 ng/ml



#42 AR-1268-2

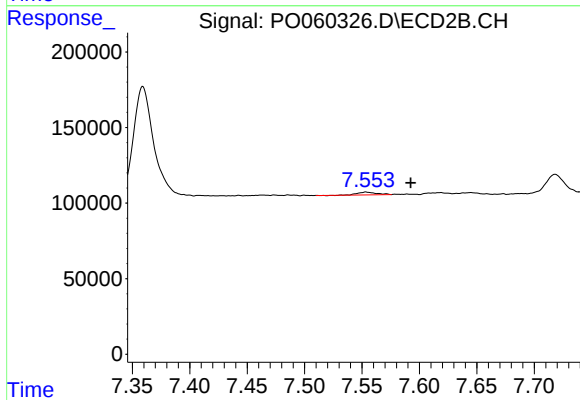
R.T.: 7.359 min
Delta R.T.: -0.017 min
Response: 911452
Conc: 141.35 ng/ml



#43 AR-1268-3

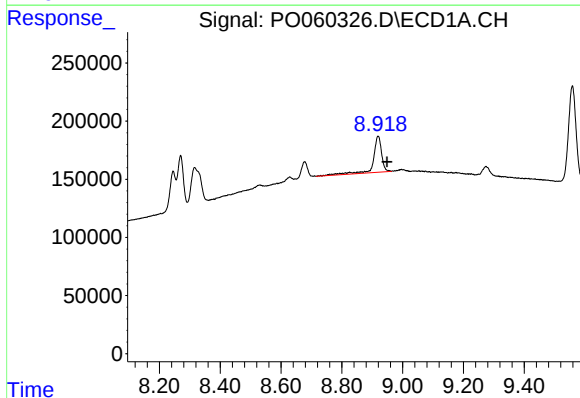
R.T.: 8.629 min
Delta R.T.: 0.026 min
Response: 228289
Conc: 32.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



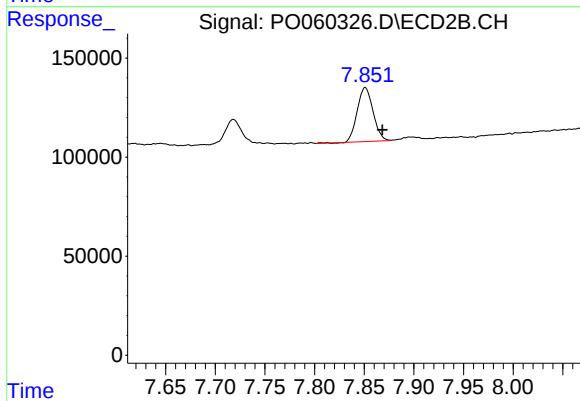
#43 AR-1268-3

R.T.: 7.554 min
Delta R.T.: -0.039 min
Response: 20393
Conc: 3.73 ng/ml



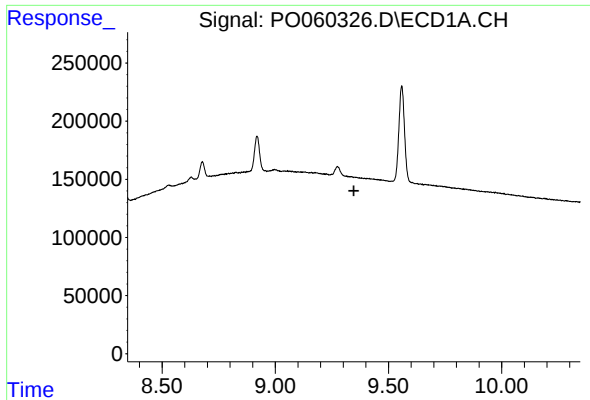
#44 AR-1268-4

R.T.: 8.919 min
Delta R.T.: -0.030 min
Response: 590229
Conc: 212.31 ng/ml



#44 AR-1268-4

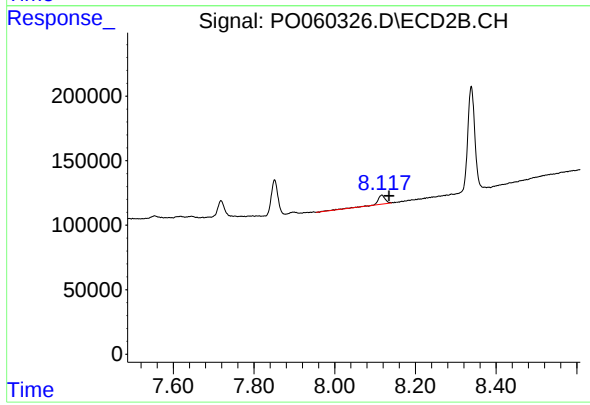
R.T.: 7.851 min
Delta R.T.: -0.017 min
Response: 302030
Conc: 147.96 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB122794BSD



#45 AR-1268-5

R.T.: 8.117 min
Delta R.T.: -0.018 min
Response: 87852
Conc: 6.05 ng/ml