

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051223\
 Data File : P0095011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2023 12:46
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 23:14:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 01 11:12:50 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.414	3.615	167.7E6	67921316	48.693	50.761
2)	SA Decachlor...	10.253	8.624	121.8E6	57140517	50.196	50.765
Target Compounds							
3)	L1 AR-1016-1	5.591	4.695	1777390	543287	17.448	13.698
4)	L1 AR-1016-2	5.620	4.713	2252241	404685	14.885	6.846 #
5)	L1 AR-1016-3	5.675	4.891	1114123	307617	11.237	9.799
6)	L1 AR-1016-4	5.774	4.932	711700	16362376	9.562	565.852 #
7)	L1 AR-1016-5	6.074	5.144	20697411	9648433	248.073	263.630
8)	L2 AR-1221-1	4.624	0.000	56352	0	1.270	N.D. #
9)	L2 AR-1221-2	4.721	3.913	2012005	876331	61.838	68.846
10)	L2 AR-1221-3	4.788	0.000	519261	0	5.194	N.D. #
11)	L3 AR-1232-1	4.788	0.000	519261	0	6.139	N.D. #
12)	L3 AR-1232-2	5.322	4.713	1221481	404685	28.486	13.904 #
13)	L3 AR-1232-3	5.620	4.891	2252241	307617	31.005	20.733 #
14)	L3 AR-1232-4	5.774	4.972	711700	5097929	20.267	327.973 #
15)	L3 AR-1232-5	5.868	5.144	36239540	9648433	1099.115	566.042 #
16)	L4 AR-1242-1	5.591	4.695	1777390	543287	21.277	16.405
17)	L4 AR-1242-2	5.620	4.713	2252241	404685	17.915	8.210 #
18)	L4 AR-1242-3	5.675	4.891	1114123	307617	13.681	11.823
19)	L4 AR-1242-4	5.774	4.972	711700	5097929	11.588	172.221 #
20)	L4 AR-1242-5	6.525	5.496	19726197	35572943	306.530	1125.903 #
21)	L5 AR-1248-1	5.591	4.695	1777390	543287	28.441	21.302 #
22)	L5 AR-1248-2	5.868	4.932	36239540	16362376	346.347	395.086
23)	L5 AR-1248-3	6.074	4.972	20697411	5097929	186.928	118.826 #
24)	L5 AR-1248-4	6.482	5.144	24763508	9648433	240.515	196.844
25)	L5 AR-1248-5	6.525	5.536	19726197	4231053	181.375	106.346 #
26)	L6 AR-1254-1	6.456	5.496	59958267	35572943	473.237	490.723
27)	L6 AR-1254-2	6.678	5.644	88717728	31773124	464.164	486.951
28)	L6 AR-1254-3	7.047	6.048	87096015	47909335	461.764	482.471
29)	L6 AR-1254-4	7.337	6.278	51613928	24100338	455.714	488.265
30)	L6 AR-1254-5	7.760	6.696	64971663	40899537	463.927	486.139
31)	L7 AR-1260-1	7.213	6.179	35818255	24796347	241.576	352.220 #
32)	L7 AR-1260-2	7.474	6.368	38735986	20086579	238.869	251.260
33)	L7 AR-1260-3	7.821	6.519	12132114	19260489	92.800	256.114 #
34)	L7 AR-1260-4	8.052	6.993	24820123	2113378	177.499	33.760 #
35)	L7 AR-1260-5	8.393	7.237	9599476	5063153	39.237	40.171
36)	L8 AR-1262-1	7.821	6.785	12132114	1879559	72.234	50.150 #
37)	L8 AR-1262-2	8.393	6.993	9599476	2113378	38.182	28.327 #
38)	L8 AR-1262-3	8.728	7.583f	7102586	4446883	39.327	76.447 #
39)	L8 AR-1262-4	8.824	7.583	153549	4446883	1.654	43.905 #
40)	L8 AR-1262-5	9.479	0.000	445490	0	5.202	N.D. #
41)	L9 AR-1268-1	8.728	7.583f	7102586	4446883	21.000	26.320 #

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 Acq On : 12 May 2023 12:46
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

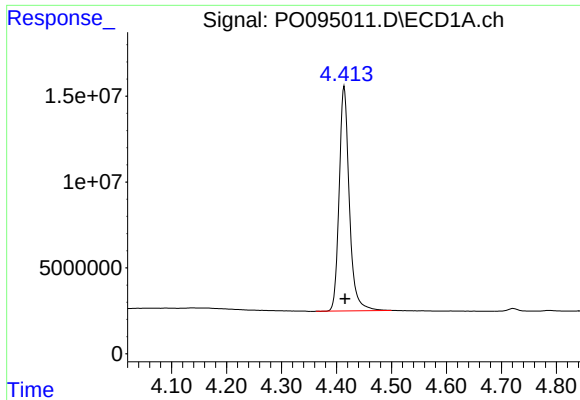
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 23:14:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 01 11:12:50 2023
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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	8.824	7.583	153549	4446883	0.506	29.020 #
43) L9	AR-1268-3	9.047	0.000	256611	0	0.951	N.D. #
44) L9	AR-1268-4	9.479	0.000	445490	0	4.745	N.D. #
45) L9	AR-1268-5	9.906	0.000	678660	0	0.807	N.D. #

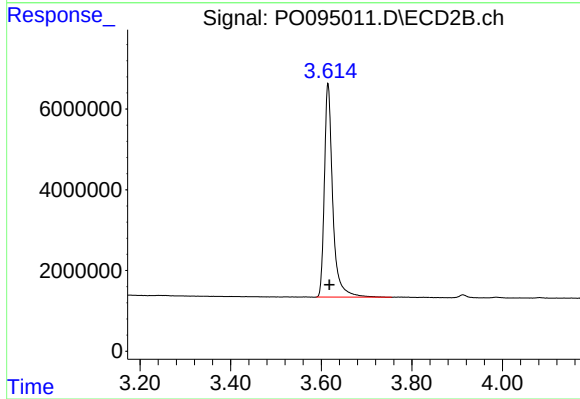
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

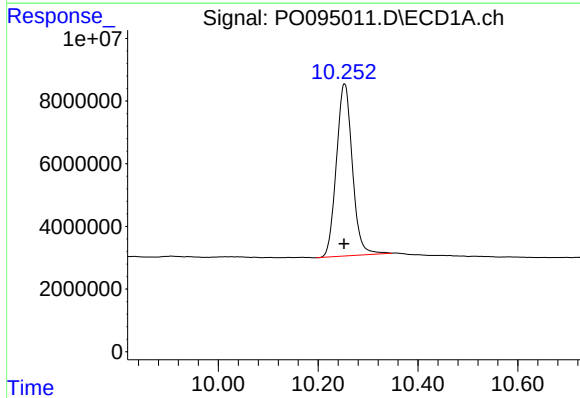
R.T.: 4.414 min
Delta R.T.: -0.002 min
Response: 167730063
Conc: 48.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



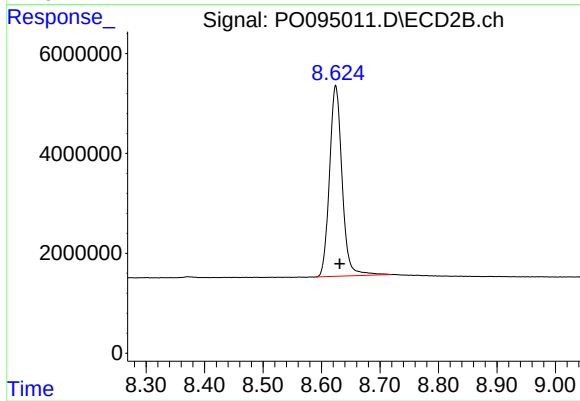
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.003 min
Response: 67921316
Conc: 50.76 ng/ml



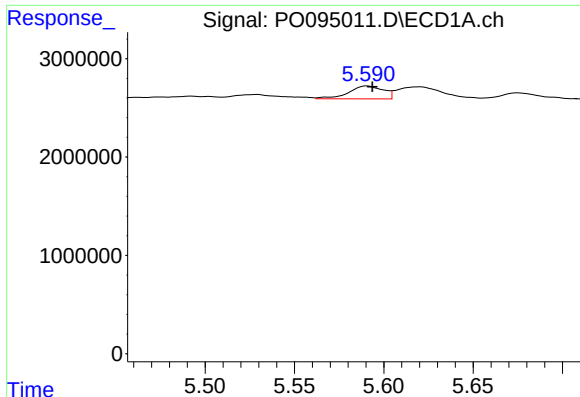
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: 0.000 min
Response: 121818940
Conc: 50.20 ng/ml



#2 Decachlorobiphenyl

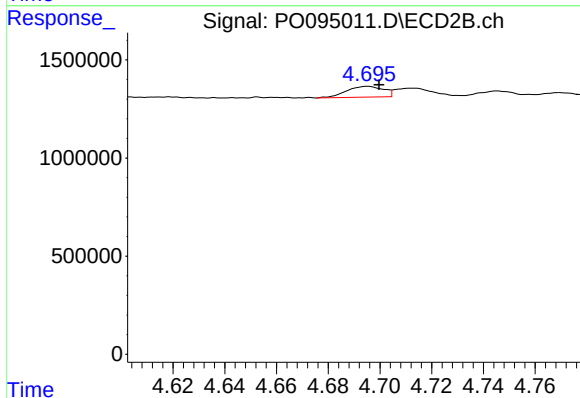
R.T.: 8.624 min
Delta R.T.: -0.007 min
Response: 57140517
Conc: 50.77 ng/ml



#3 AR-1016-1

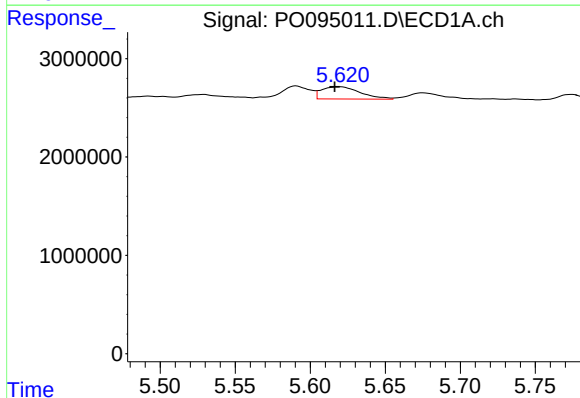
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 1777390
Conc: 17.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



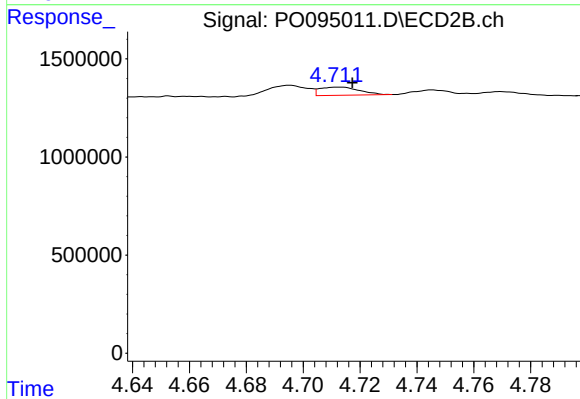
#3 AR-1016-1

R.T.: 4.695 min
Delta R.T.: -0.005 min
Response: 543287
Conc: 13.70 ng/ml



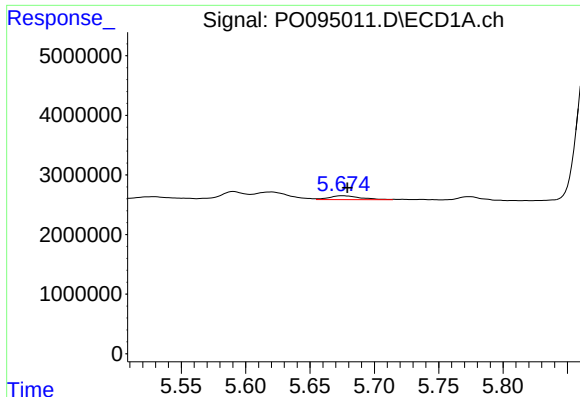
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.004 min
Response: 2252241
Conc: 14.89 ng/ml



#4 AR-1016-2

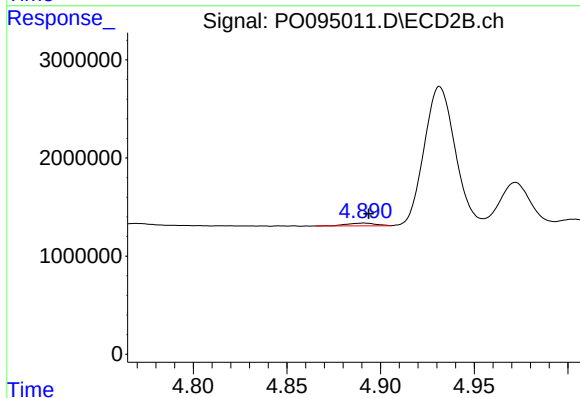
R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 404685
Conc: 6.85 ng/ml



#5 AR-1016-3

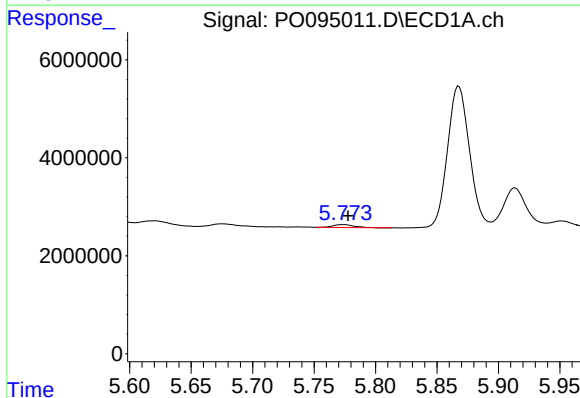
R.T.: 5.675 min
Delta R.T.: -0.004 min
Response: 1114123
Conc: 11.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



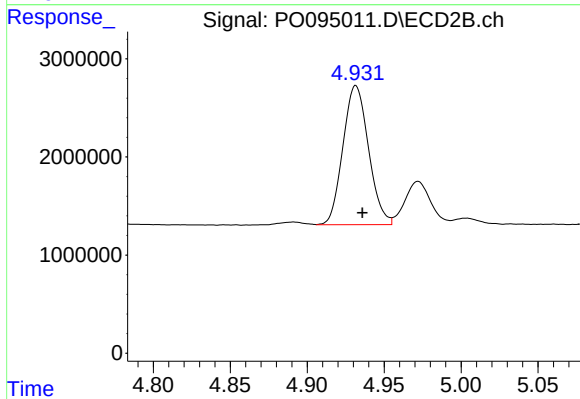
#5 AR-1016-3

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 307617
Conc: 9.80 ng/ml



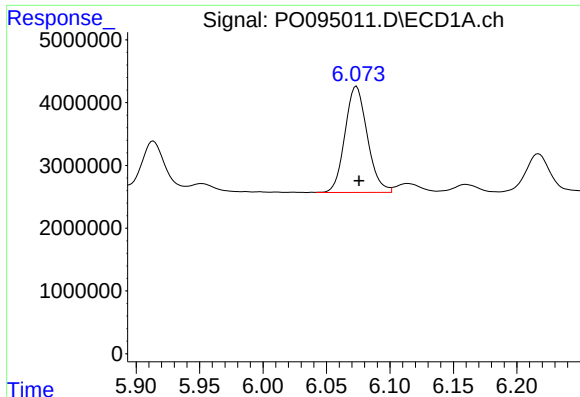
#6 AR-1016-4

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 711700
Conc: 9.56 ng/ml



#6 AR-1016-4

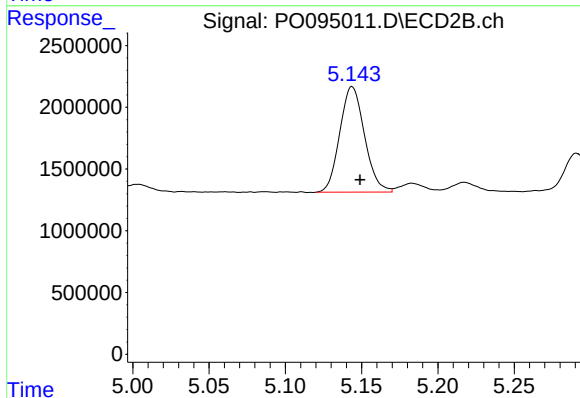
R.T.: 4.932 min
Delta R.T.: -0.004 min
Response: 16362376
Conc: 565.85 ng/ml



#7 AR-1016-5

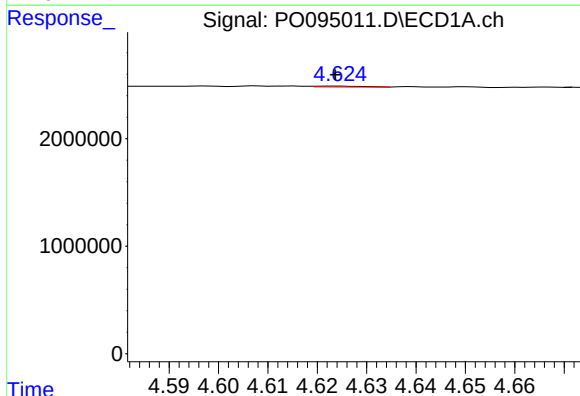
R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 20697411
Conc: 248.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



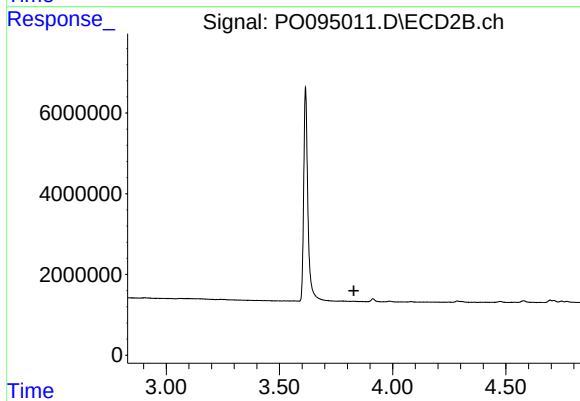
#7 AR-1016-5

R.T.: 5.144 min
Delta R.T.: -0.005 min
Response: 9648433
Conc: 263.63 ng/ml



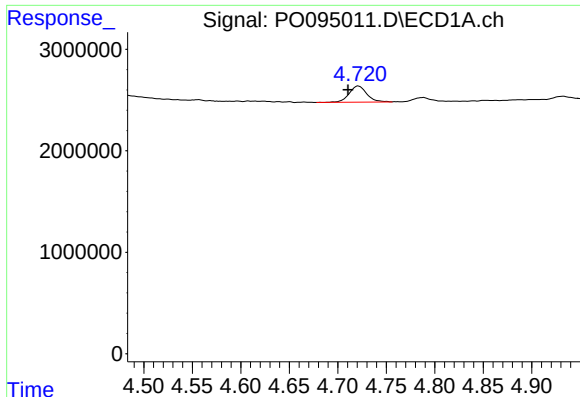
#8 AR-1221-1

R.T.: 4.624 min
Delta R.T.: 0.000 min
Response: 56352
Conc: 1.27 ng/ml



#8 AR-1221-1

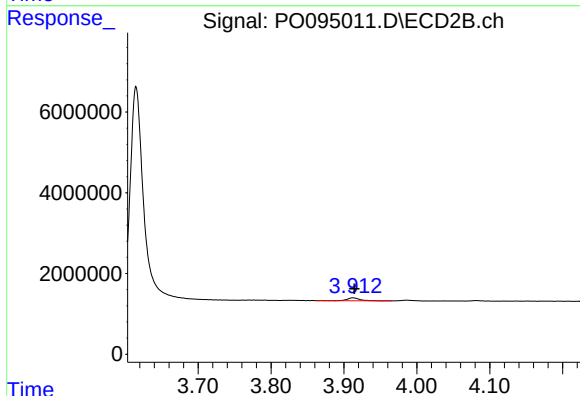
R.T.: 0.000 min
Exp R.T. : 3.829 min
Response: 0
Conc: N.D.



#9 AR-1221-2

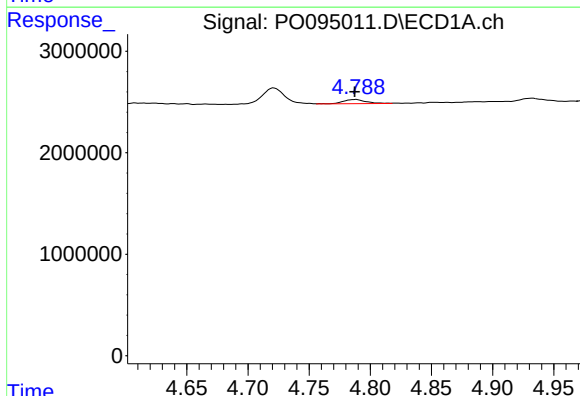
R.T.: 4.721 min
Delta R.T.: 0.011 min
Response: 2012005
Conc: 61.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



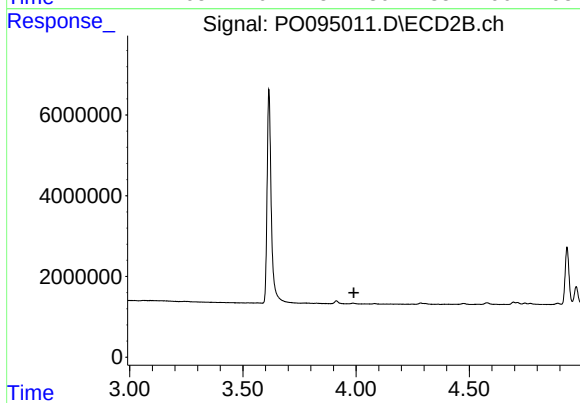
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 876331
Conc: 68.85 ng/ml



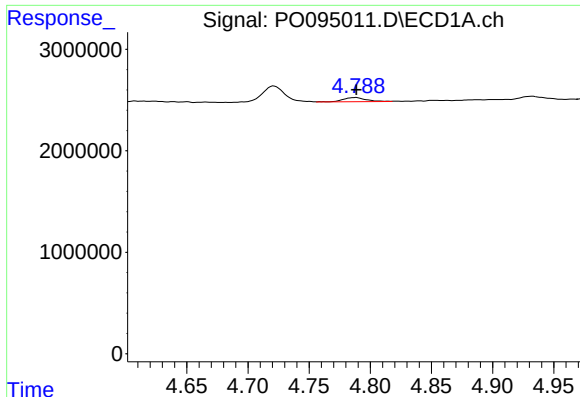
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 519261
Conc: 5.19 ng/ml



#10 AR-1221-3

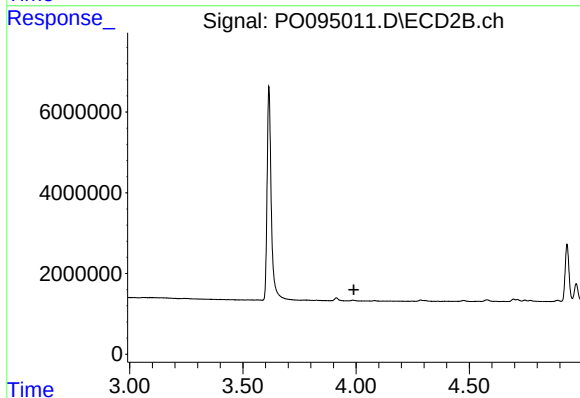
R.T.: 0.000 min
Exp R.T. : 3.990 min
Response: 0
Conc: N.D.



#11 AR-1232-1

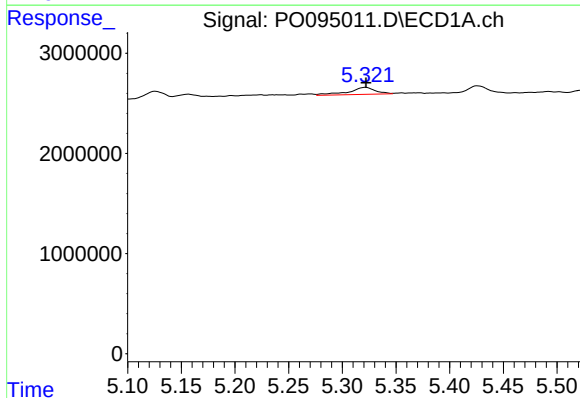
R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 519261
Conc: 6.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



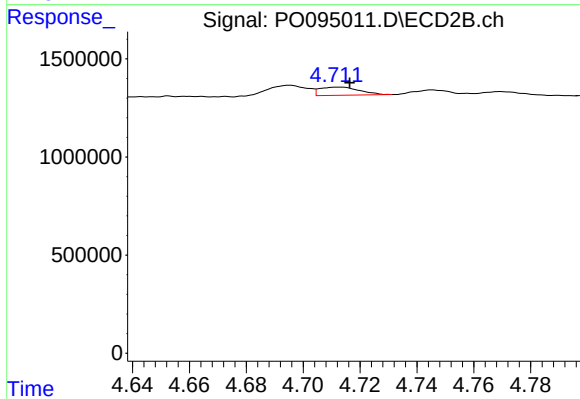
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.991 min
Response: 0
Conc: N.D.



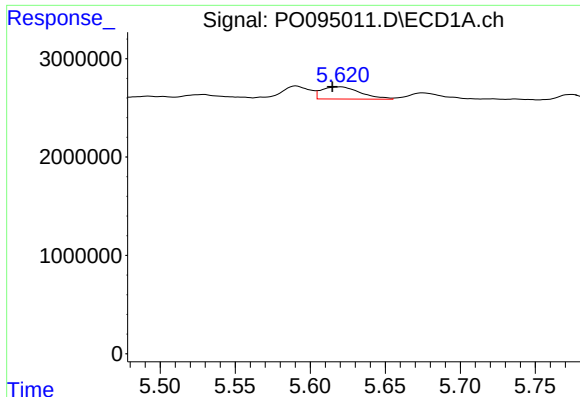
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 1221481
Conc: 28.49 ng/ml



#12 AR-1232-2

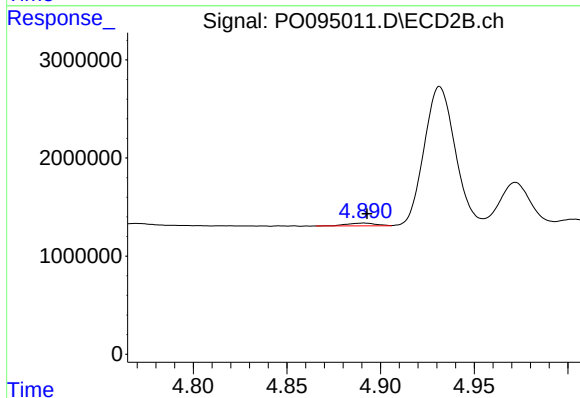
R.T.: 4.713 min
Delta R.T.: -0.004 min
Response: 404685
Conc: 13.90 ng/ml



#13 AR-1232-3

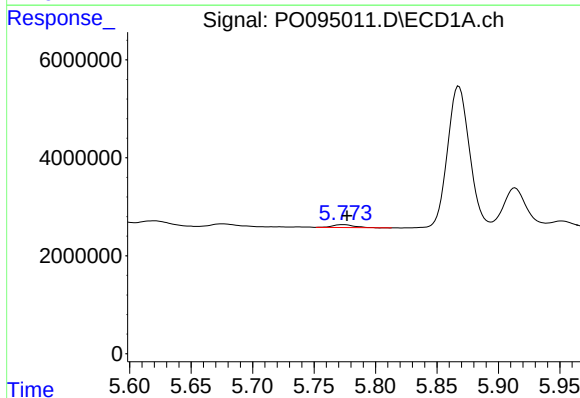
R.T.: 5.620 min
Delta R.T.: 0.005 min
Response: 2252241
Conc: 31.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



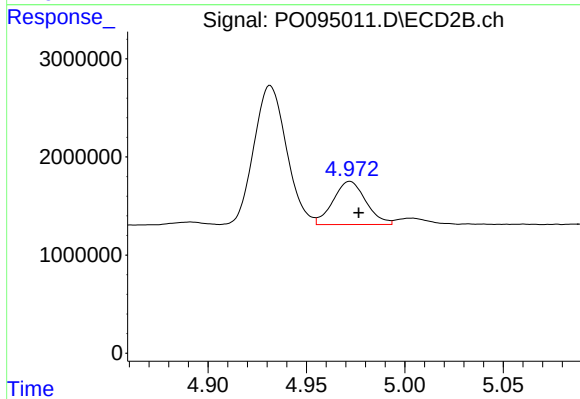
#13 AR-1232-3

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 307617
Conc: 20.73 ng/ml



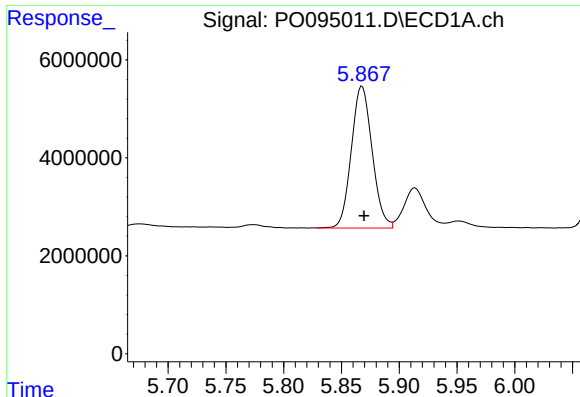
#14 AR-1232-4

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 711700
Conc: 20.27 ng/ml



#14 AR-1232-4

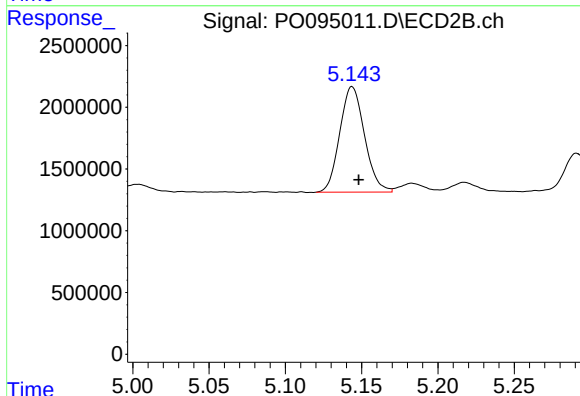
R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 5097929
Conc: 327.97 ng/ml



#15 AR-1232-5

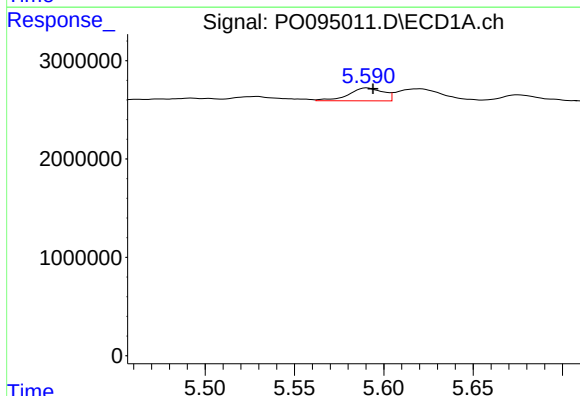
R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 36239540
Conc: 1099.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



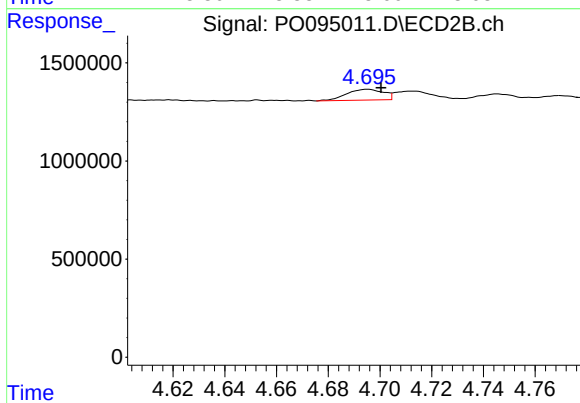
#15 AR-1232-5

R.T.: 5.144 min
Delta R.T.: -0.004 min
Response: 9648433
Conc: 566.04 ng/ml



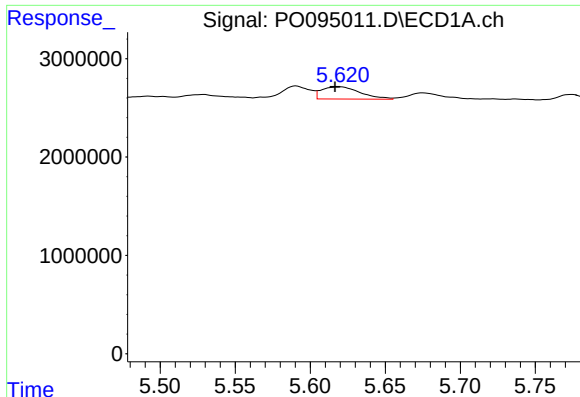
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 1777390
Conc: 21.28 ng/ml



#16 AR-1242-1

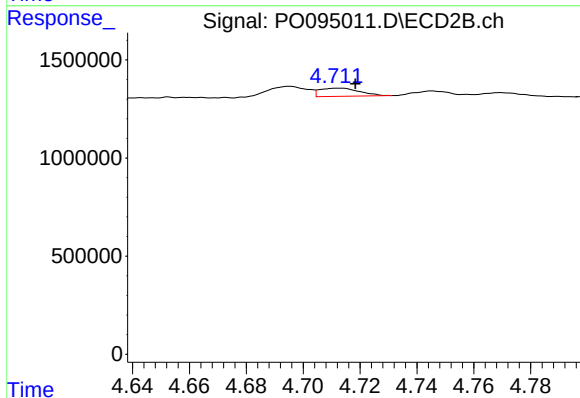
R.T.: 4.695 min
Delta R.T.: -0.005 min
Response: 543287
Conc: 16.40 ng/ml



#17 AR-1242-2

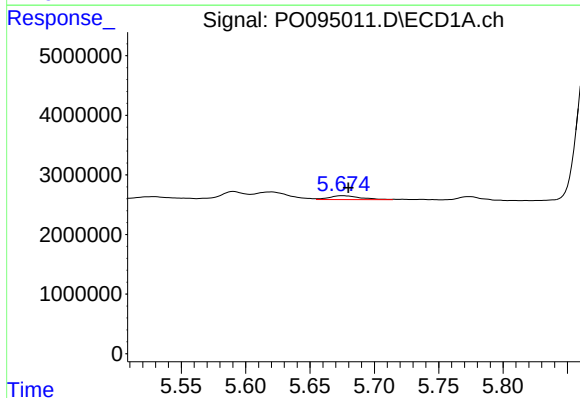
R.T.: 5.620 min
Delta R.T.: 0.004 min
Response: 2252241
Conc: 17.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



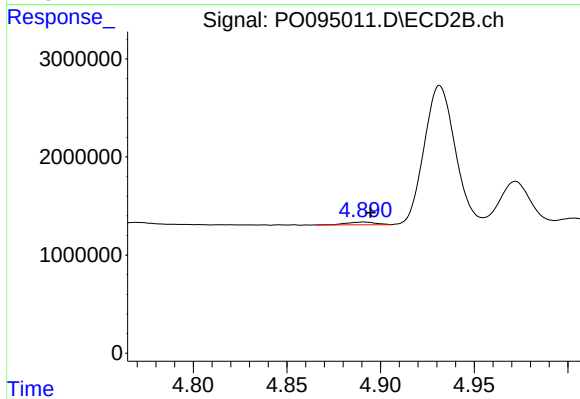
#17 AR-1242-2

R.T.: 4.713 min
Delta R.T.: -0.006 min
Response: 404685
Conc: 8.21 ng/ml



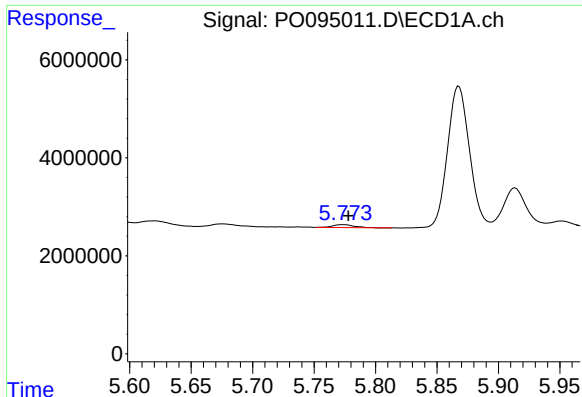
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 1114123
Conc: 13.68 ng/ml



#18 AR-1242-3

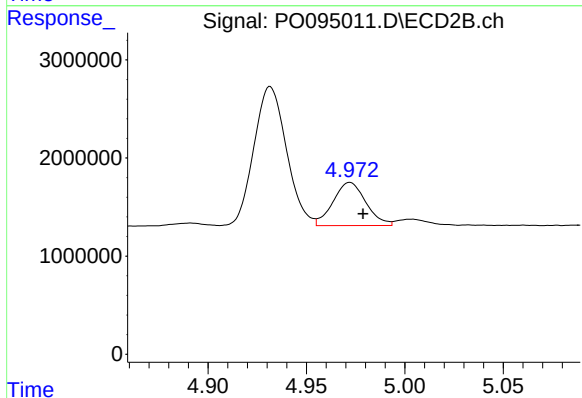
R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 307617
Conc: 11.82 ng/ml



#19 AR-1242-4

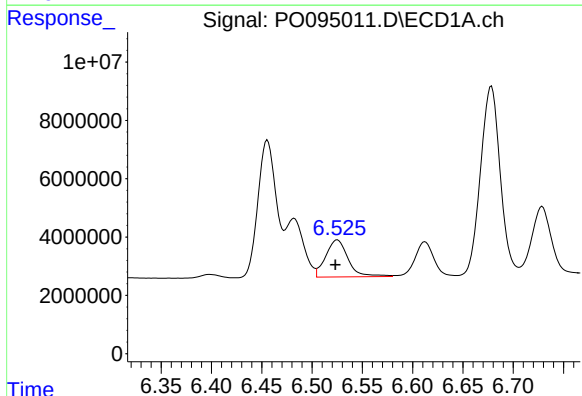
R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 711700
Conc: 11.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



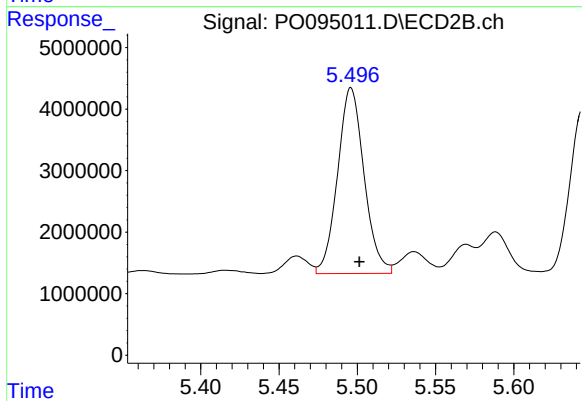
#19 AR-1242-4

R.T.: 4.972 min
Delta R.T.: -0.007 min
Response: 5097929
Conc: 172.22 ng/ml



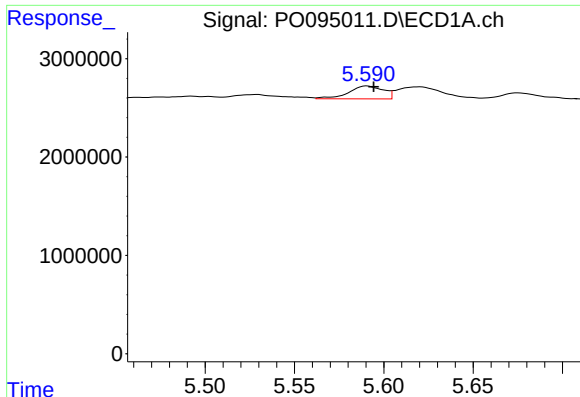
#20 AR-1242-5

R.T.: 6.525 min
Delta R.T.: 0.002 min
Response: 19726197
Conc: 306.53 ng/ml



#20 AR-1242-5

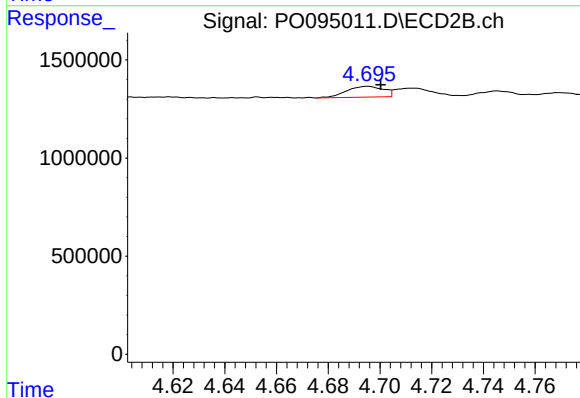
R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 35572943
Conc: 1125.90 ng/ml



#21 AR-1248-1

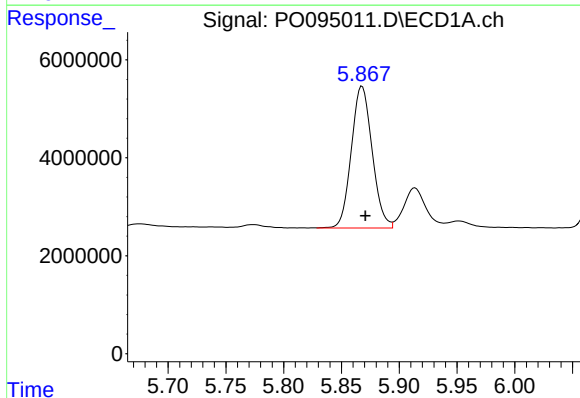
R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 1777390
Conc: 28.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



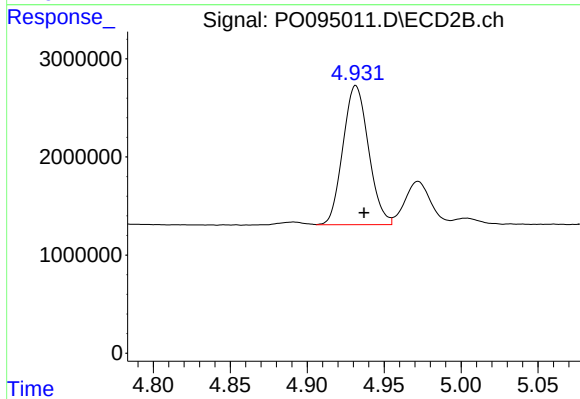
#21 AR-1248-1

R.T.: 4.695 min
Delta R.T.: -0.005 min
Response: 543287
Conc: 21.30 ng/ml



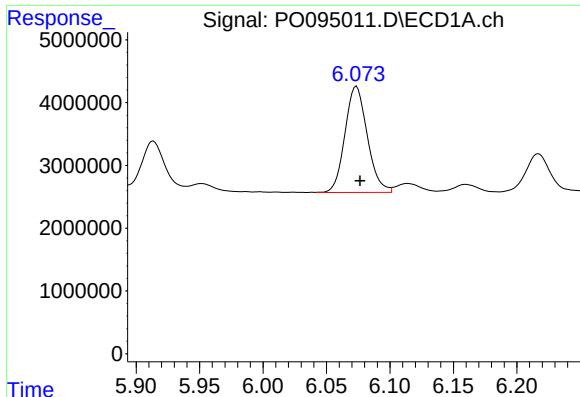
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.003 min
Response: 36239540
Conc: 346.35 ng/ml



#22 AR-1248-2

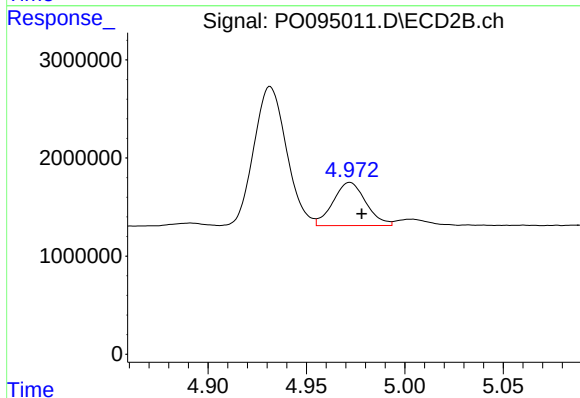
R.T.: 4.932 min
Delta R.T.: -0.005 min
Response: 16362376
Conc: 395.09 ng/ml



#23 AR-1248-3

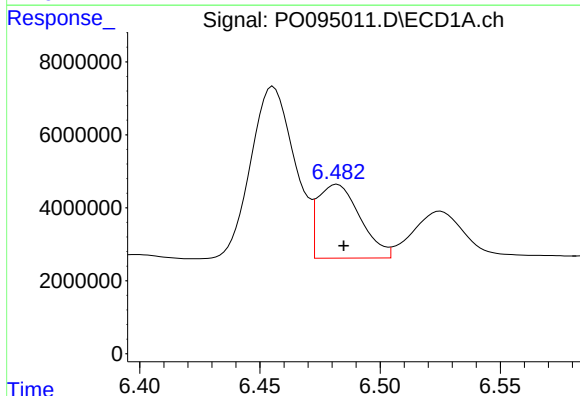
R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 20697411
Conc: 186.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



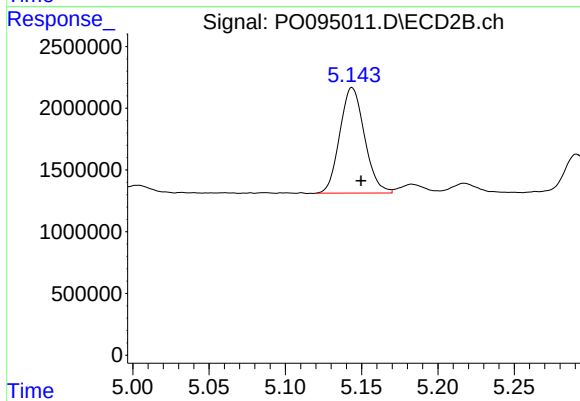
#23 AR-1248-3

R.T.: 4.972 min
Delta R.T.: -0.006 min
Response: 5097929
Conc: 118.83 ng/ml



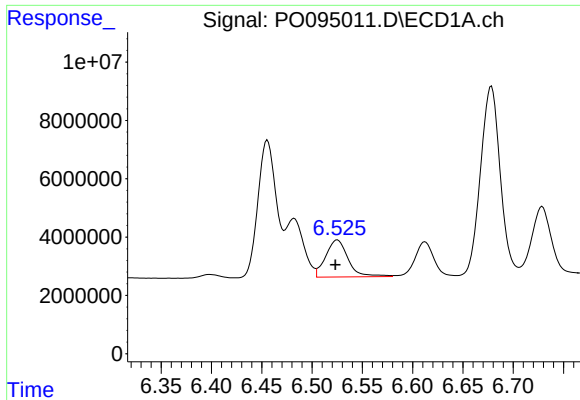
#24 AR-1248-4

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 24763508
Conc: 240.51 ng/ml



#24 AR-1248-4

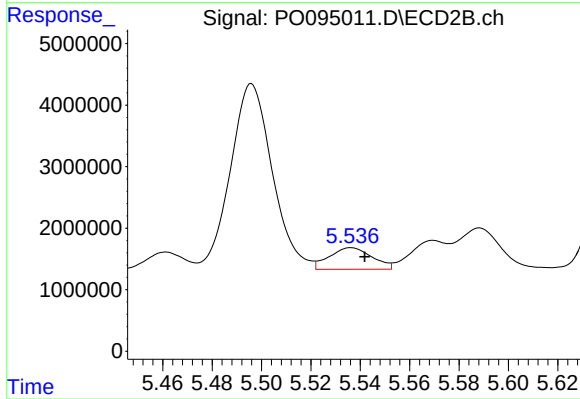
R.T.: 5.144 min
Delta R.T.: -0.006 min
Response: 9648433
Conc: 196.84 ng/ml



#25 AR-1248-5

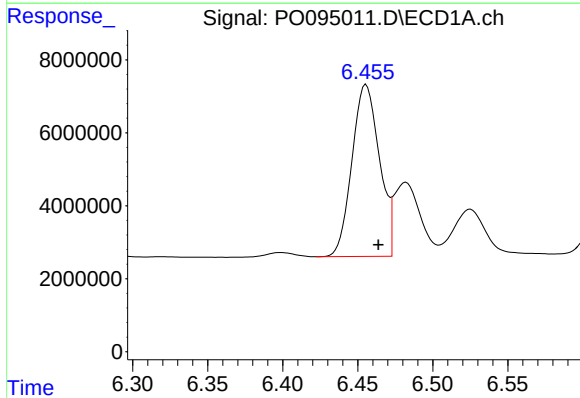
R.T.: 6.525 min
Delta R.T.: 0.002 min
Response: 19726197
Conc: 181.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



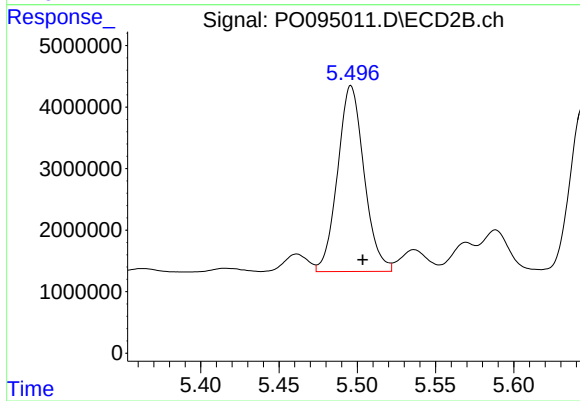
#25 AR-1248-5

R.T.: 5.536 min
Delta R.T.: -0.006 min
Response: 4231053
Conc: 106.35 ng/ml



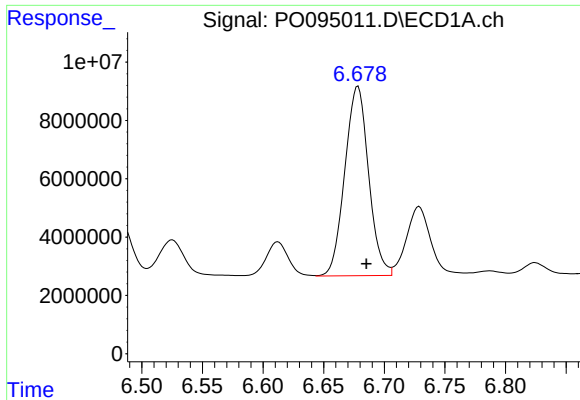
#26 AR-1254-1

R.T.: 6.456 min
Delta R.T.: -0.008 min
Response: 59958267
Conc: 473.24 ng/ml



#26 AR-1254-1

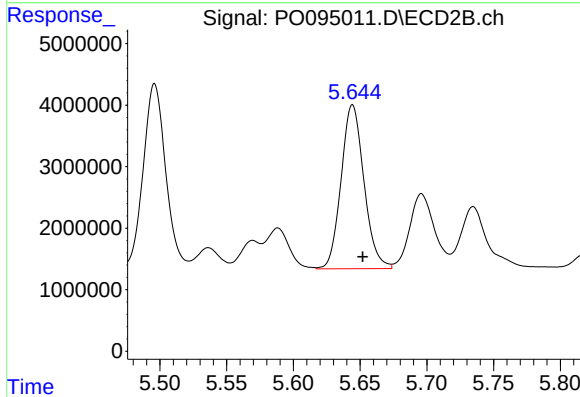
R.T.: 5.496 min
Delta R.T.: -0.008 min
Response: 35572943
Conc: 490.72 ng/ml



#27 AR-1254-2

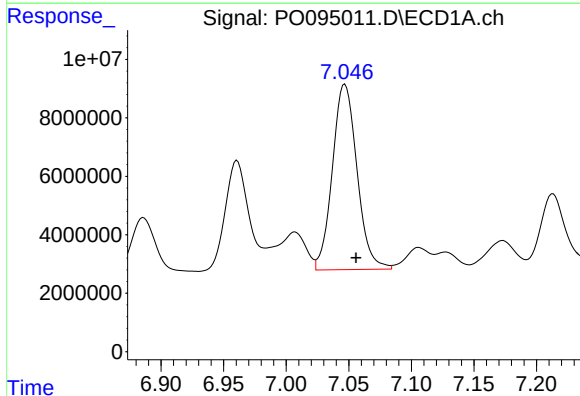
R.T.: 6.678 min
Delta R.T.: -0.007 min
Response: 88717728
Conc: 464.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



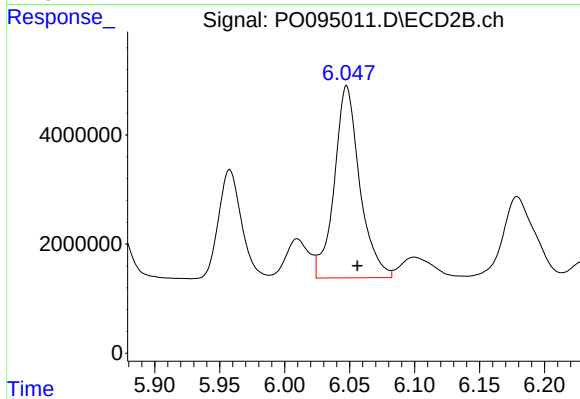
#27 AR-1254-2

R.T.: 5.644 min
Delta R.T.: -0.008 min
Response: 31773124
Conc: 486.95 ng/ml



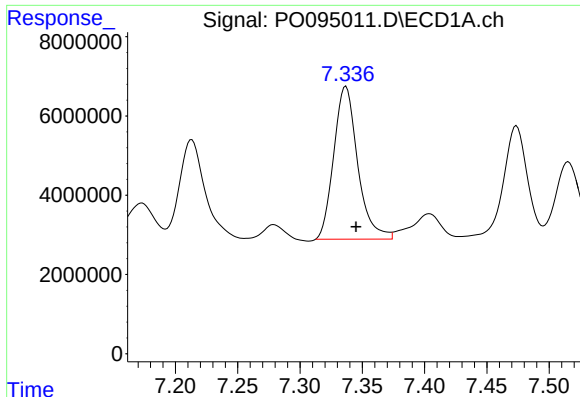
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: -0.009 min
Response: 87096015
Conc: 461.76 ng/ml



#28 AR-1254-3

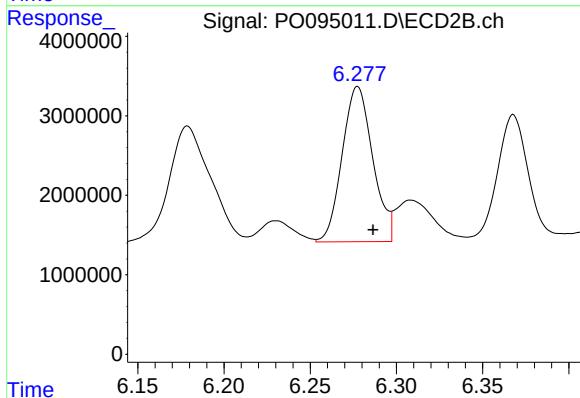
R.T.: 6.048 min
Delta R.T.: -0.008 min
Response: 47909335
Conc: 482.47 ng/ml



#29 AR-1254-4

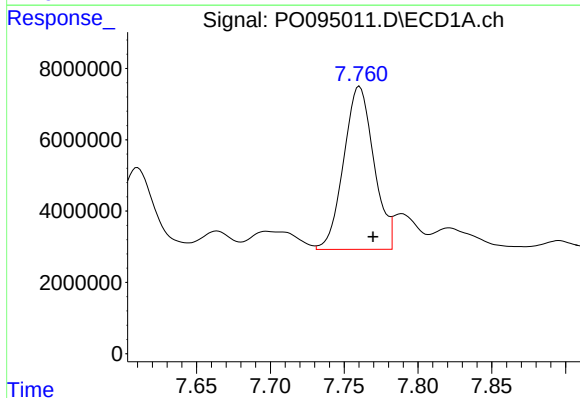
R.T.: 7.337 min
Delta R.T.: -0.008 min
Response: 51613928
Conc: 455.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



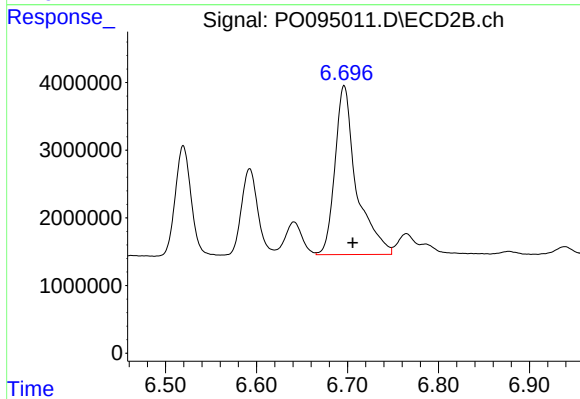
#29 AR-1254-4

R.T.: 6.278 min
Delta R.T.: -0.009 min
Response: 24100338
Conc: 488.27 ng/ml



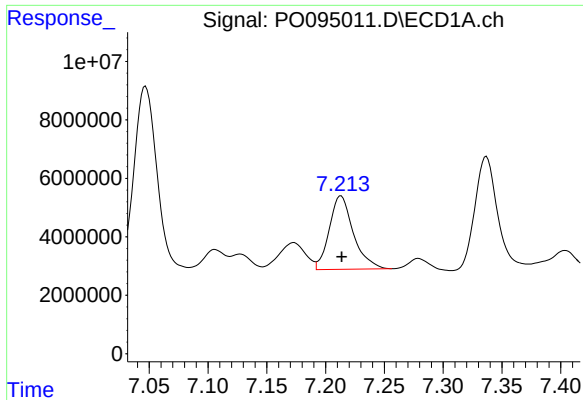
#30 AR-1254-5

R.T.: 7.760 min
Delta R.T.: -0.009 min
Response: 64971663
Conc: 463.93 ng/ml



#30 AR-1254-5

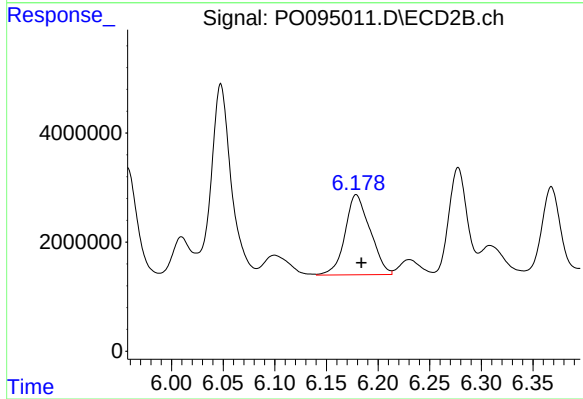
R.T.: 6.696 min
Delta R.T.: -0.009 min
Response: 40899537
Conc: 486.14 ng/ml



#31 AR-1260-1

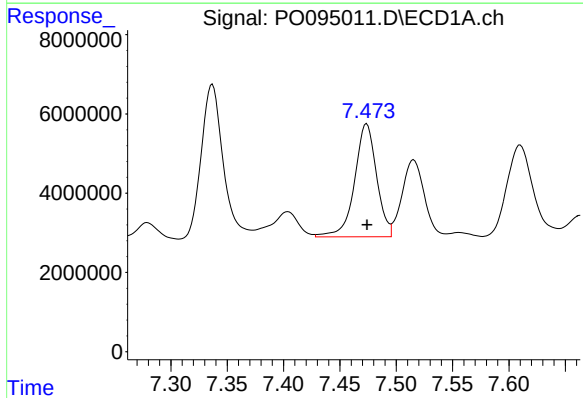
R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 35818255
Conc: 241.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



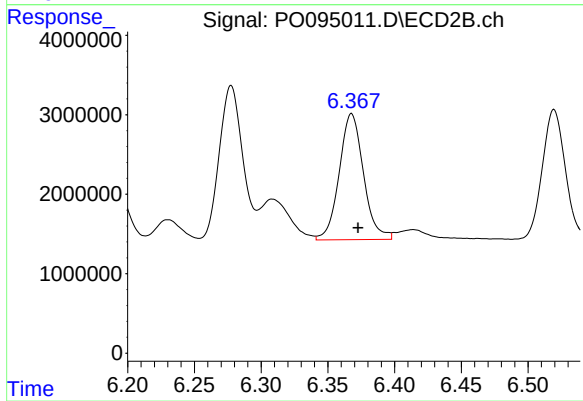
#31 AR-1260-1

R.T.: 6.179 min
Delta R.T.: -0.005 min
Response: 24796347
Conc: 352.22 ng/ml



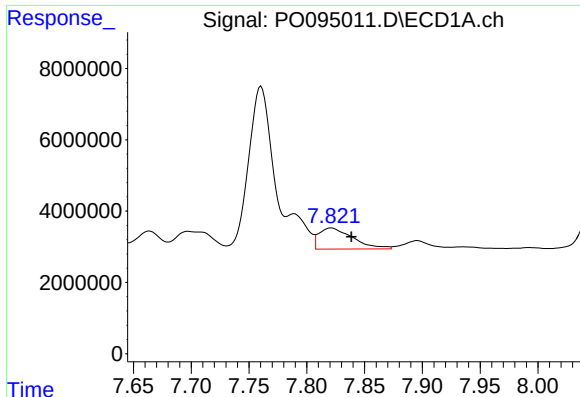
#32 AR-1260-2

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 38735986
Conc: 238.87 ng/ml



#32 AR-1260-2

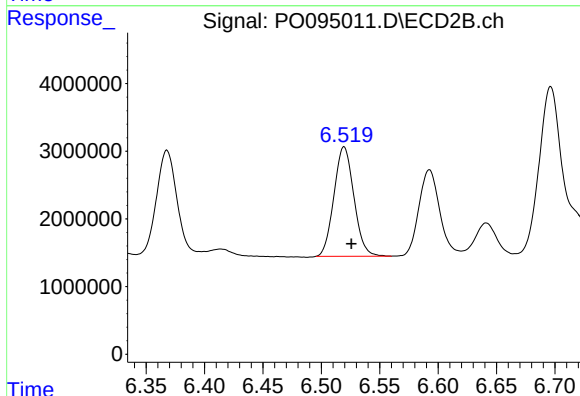
R.T.: 6.368 min
Delta R.T.: -0.005 min
Response: 20086579
Conc: 251.26 ng/ml



#33 AR-1260-3

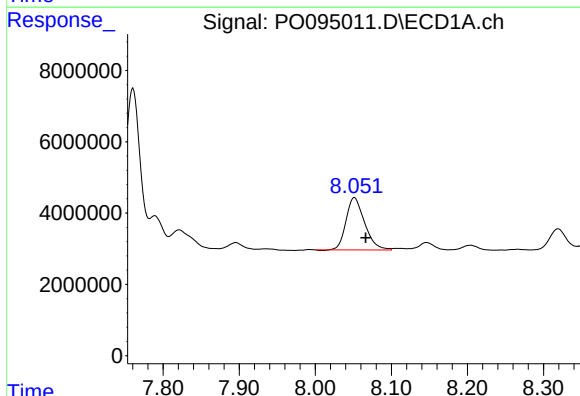
R.T.: 7.821 min
Delta R.T.: -0.017 min
Response: 12132114
Conc: 92.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



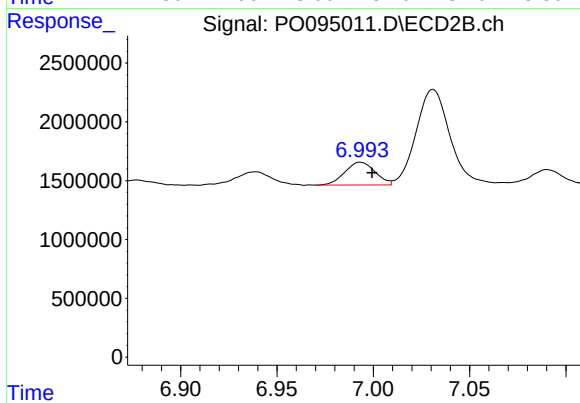
#33 AR-1260-3

R.T.: 6.519 min
Delta R.T.: -0.006 min
Response: 19260489
Conc: 256.11 ng/ml



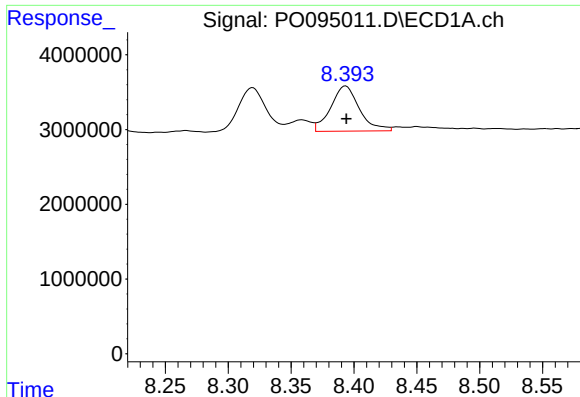
#34 AR-1260-4

R.T.: 8.052 min
Delta R.T.: -0.015 min
Response: 24820123
Conc: 177.50 ng/ml



#34 AR-1260-4

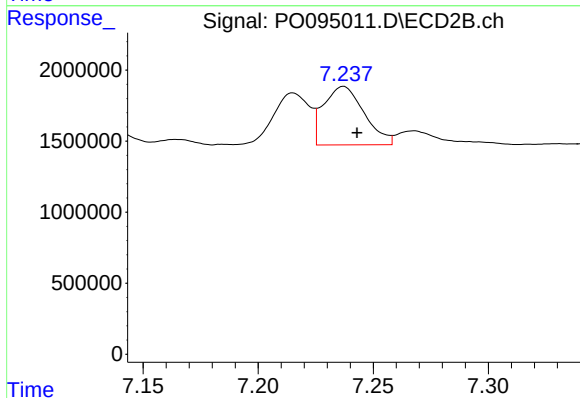
R.T.: 6.993 min
Delta R.T.: -0.006 min
Response: 2113378
Conc: 33.76 ng/ml



#35 AR-1260-5

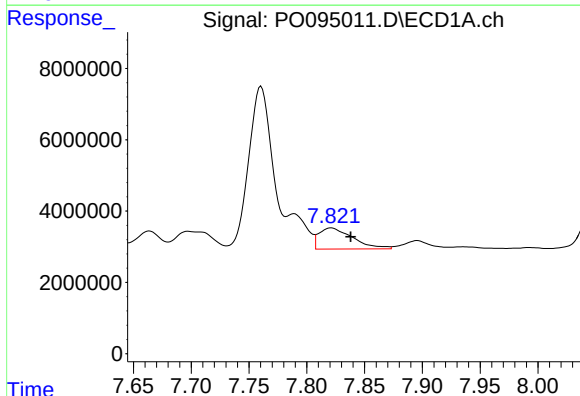
R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 9599476
Conc: 39.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



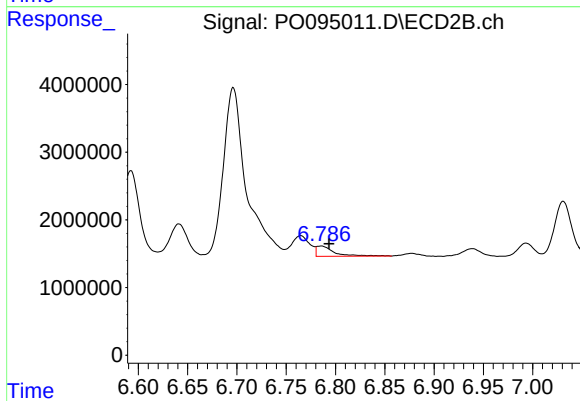
#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: -0.006 min
Response: 5063153
Conc: 40.17 ng/ml



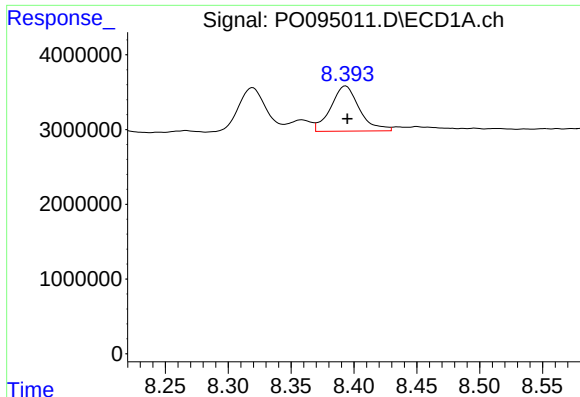
#36 AR-1262-1

R.T.: 7.821 min
Delta R.T.: -0.017 min
Response: 12132114
Conc: 72.23 ng/ml



#36 AR-1262-1

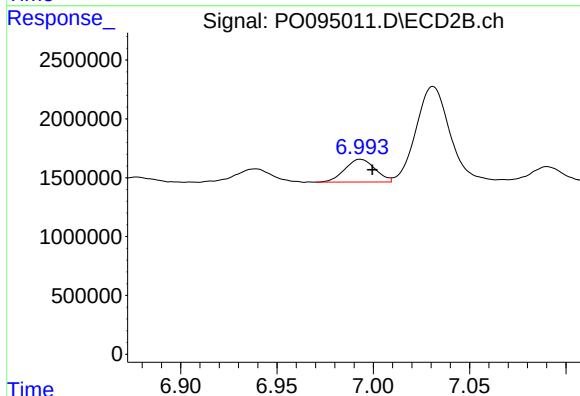
R.T.: 6.785 min
Delta R.T.: -0.008 min
Response: 1879559
Conc: 50.15 ng/ml



#37 AR-1262-2

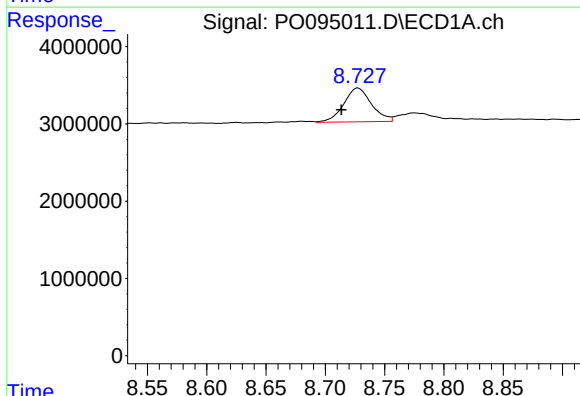
R.T.: 8.393 min
Delta R.T.: -0.001 min
Response: 9599476
Conc: 38.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



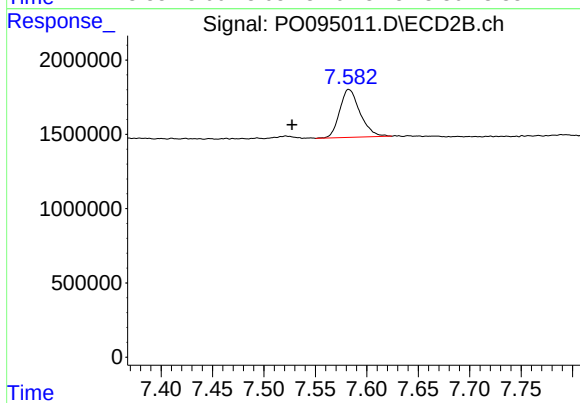
#37 AR-1262-2

R.T.: 6.993 min
Delta R.T.: -0.006 min
Response: 2113378
Conc: 28.33 ng/ml



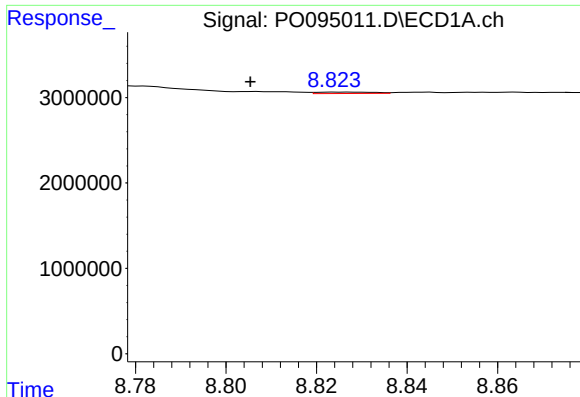
#38 AR-1262-3

R.T.: 8.728 min
Delta R.T.: 0.014 min
Response: 7102586
Conc: 39.33 ng/ml



#38 AR-1262-3

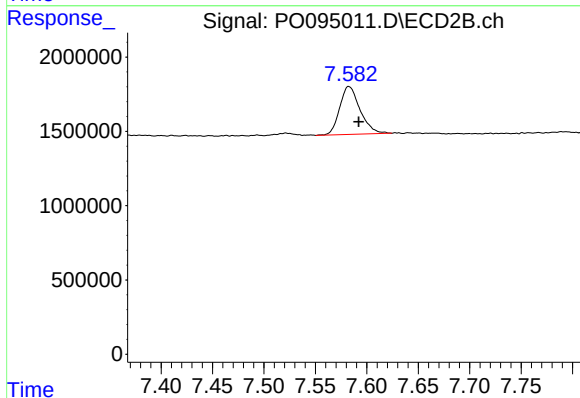
R.T.: 7.583 min
Delta R.T.: 0.055 min
Response: 4446883
Conc: 76.45 ng/ml



#39 AR-1262-4

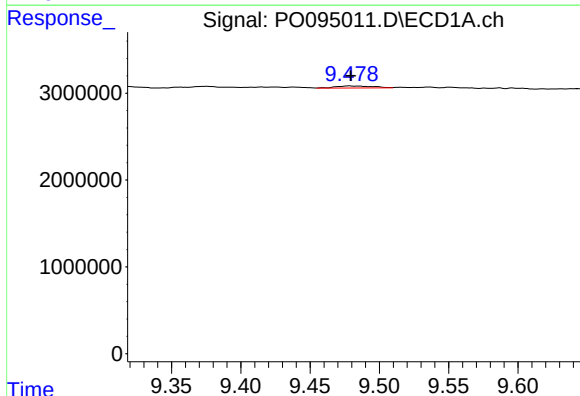
R.T.: 8.824 min
Delta R.T.: 0.019 min
Response: 153549
Conc: 1.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



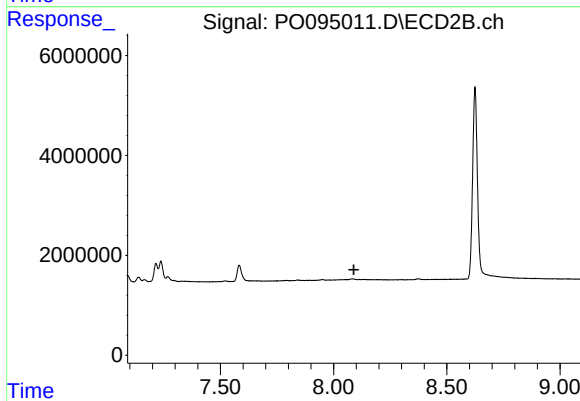
#39 AR-1262-4

R.T.: 7.583 min
Delta R.T.: -0.010 min
Response: 4446883
Conc: 43.91 ng/ml



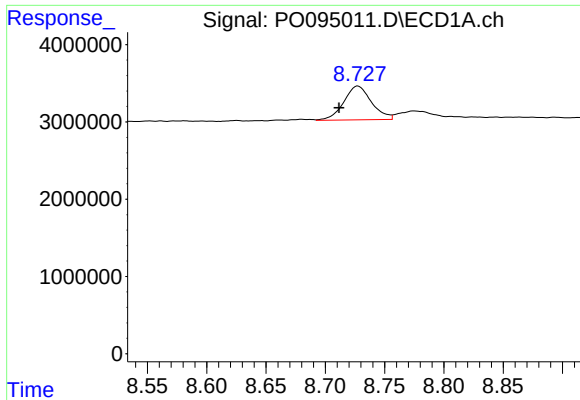
#40 AR-1262-5

R.T.: 9.479 min
Delta R.T.: 0.000 min
Response: 445490
Conc: 5.20 ng/ml



#40 AR-1262-5

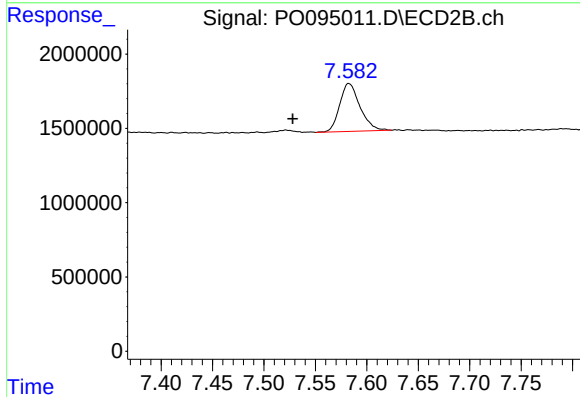
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

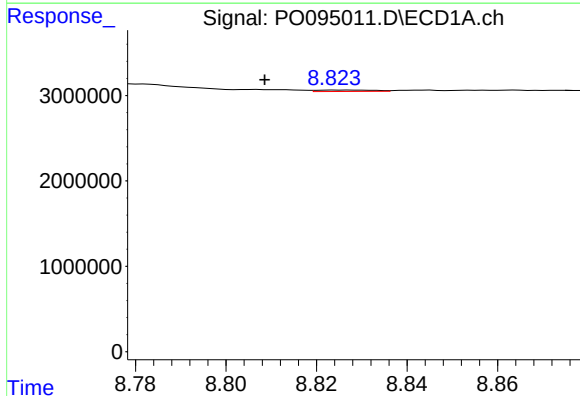
R.T.: 8.728 min
Delta R.T.: 0.016 min
Response: 7102586
Conc: 21.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



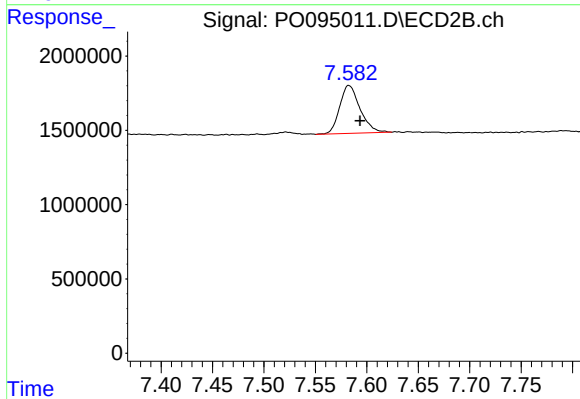
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: 0.055 min
Response: 4446883
Conc: 26.32 ng/ml



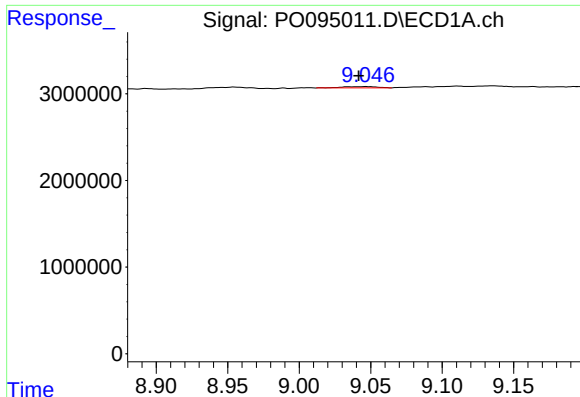
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: 0.016 min
Response: 153549
Conc: 0.51 ng/ml



#42 AR-1268-2

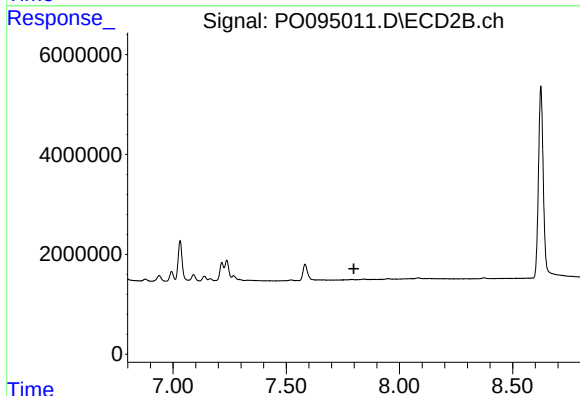
R.T.: 7.583 min
Delta R.T.: -0.011 min
Response: 4446883
Conc: 29.02 ng/ml



#43 AR-1268-3

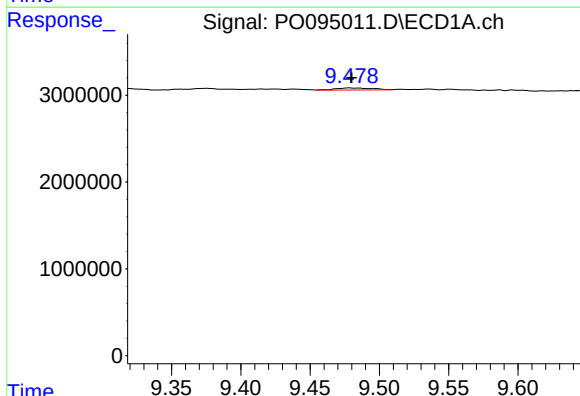
R.T.: 9.047 min
Delta R.T.: 0.005 min
Response: 256611
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



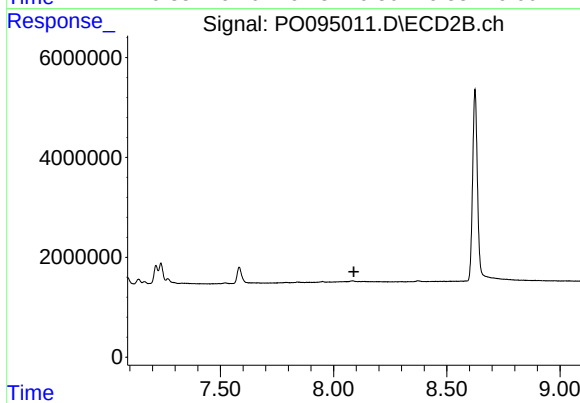
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.799 min
Response: 0
Conc: N.D.



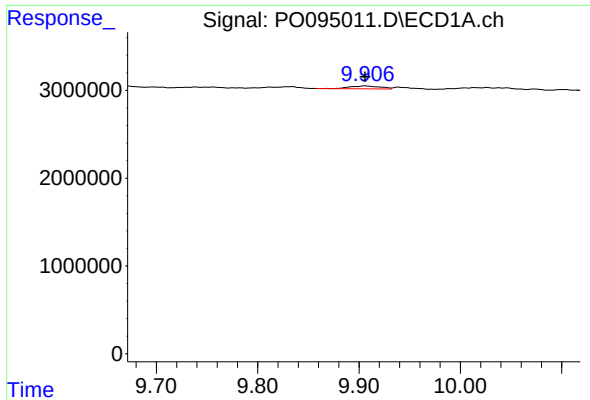
#44 AR-1268-4

R.T.: 9.479 min
Delta R.T.: -0.001 min
Response: 445490
Conc: 4.75 ng/ml



#44 AR-1268-4

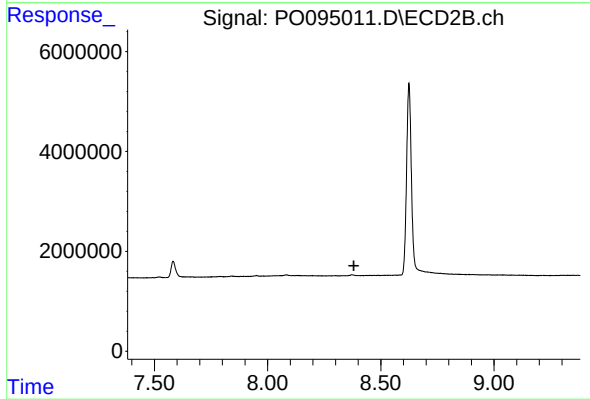
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.906 min
Delta R.T.: 0.000 min
Response: 678660
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.381 min
Response: 0
Conc: N.D.