

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101518\
 Data File : PO050053.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Oct 2018 2:13
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 09:36:48 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101518.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 15 16:37:53 2018
 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...	4.327	3.364	12813717	10571765	52.015	53.958
2)	SA Decachlor...	0.000	8.125	0	7951127	N.D.	46.237 #
Target Compounds							
3)	L1 AR-1016-1	5.501	4.385	4353656	3998881	414.786	556.521 #
4)	L1 AR-1016-2	5.523	4.401	6243432	6990542	406.288	575.121 #
5)	L1 AR-1016-3	5.586	4.566	3835264	3361817	403.133	547.967 #
6)	L1 AR-1016-4	5.685	4.609	3129533	2743286	396.040	558.609 #
7)	L1 AR-1016-5	5.982	4.808	3384355	3508986	441.016	531.494
8)	L2 AR-1221-1	4.532	3.568	493928	361400	181.183	179.233
9)	L2 AR-1221-2	4.624	3.647	697996	548128	341.549	367.022
10)	L2 AR-1221-3	4.701	3.719	2590419	2163542	407.361	437.605
11)	L3 AR-1232-1	4.701	3.719	2590419	2163542	549.916	606.192
12)	L3 AR-1232-2	5.232	4.401	3496958	6990542	1349.193	1642.586
13)	L3 AR-1232-3	5.523	4.566	6243432	3361817	1212.372	1685.260 #
14)	L3 AR-1232-4	5.685	4.647	3129533	3304127	1215.748	1825.864 #
15)	L3 AR-1232-5	5.776	4.808	2728589	3508986	1500.724	1702.079
16)	L4 AR-1242-1	5.523	4.385	6243432	3998881	919.277	840.919
17)	L4 AR-1242-2	5.523	4.401	6243432	6990542	621.843	879.406 #
18)	L4 AR-1242-3	5.586	4.566	3835264	3361817	610.070	835.993 #
19)	L4 AR-1242-4	5.685	4.647	3129533	3304127	607.985	795.019 #
20)	L4 AR-1242-5	6.428	5.143	967100	3620804	174.127	766.927 #
21)	L5 AR-1248-1	5.523	4.385	6243432	3998881	1139.823	1018.384
22)	L5 AR-1248-2	5.776	4.609	2728589	2743286	341.634	452.554 #
23)	L5 AR-1248-3	5.982	4.647	3384355	3304127	376.835	542.782 #
24)	L5 AR-1248-4	6.389	4.808	1178548	3508986	123.657	468.264 #
25)	L5 AR-1248-5	6.428	5.181	967100	876972	105.424	125.828
26)	L6 AR-1254-1	6.389	5.143	1178548	3620804	99.274	270.403 #
27)	L6 AR-1254-2	6.582	5.285	2678890	2634390	144.711	216.959 #
28)	L6 AR-1254-3	6.952	5.685	1403152	5090121	72.385	254.617 #
29)	L6 AR-1254-4	7.240	5.891	886956	455498	66.137	41.989 #
30)	L6 AR-1254-5	7.664	6.293	8525679	9226036	568.676	540.705
31)	L7 AR-1260-1	7.118	5.795	6597789	7333547	413.381	510.404
32)	L7 AR-1260-2	7.421	5.979	2405312	8524996	129.525	500.195 #
33)	L7 AR-1260-3	7.742	6.124	5391396	7969253	405.203	492.690
34)	L7 AR-1260-4	7.970	6.582	6170745	6168472	403.335	488.299
35)	L7 AR-1260-5	8.338	6.820	710470	13505264	26.046	485.130 #
36)	L8 AR-1262-1	7.742	6.332	5391396	6715596	365.536	447.674
37)	L8 AR-1262-2	8.288	6.820	10798459	13505264	469.622	563.171
38)	L8 AR-1262-3	8.608	7.095	6867174	2866901	436.059	294.691 #
39)	L8 AR-1262-4	8.665	7.156	4190762	9382490	336.356	528.900 #
40)	L8 AR-1262-5	9.331	7.642	2661918	2896611	374.541	417.978
41)	L9 AR-1268-1	8.608	7.095	6867174	2866901	234.307	95.195 #

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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Oct 2018 2:13
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

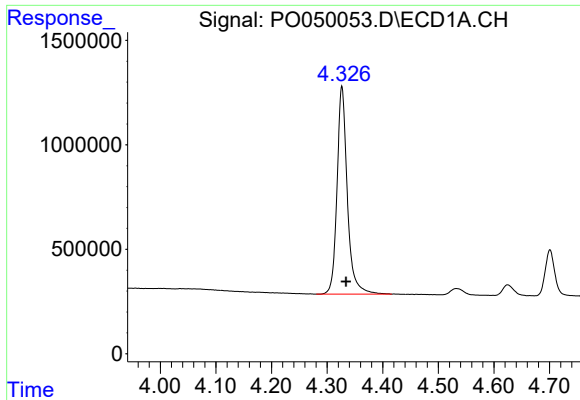
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 09:36:48 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101518.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 15 16:37:53 2018
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
42) L9	AR-1268-2	8.665	7.156	4190762	9382490	154.742	333.334 #
44) L9	AR-1268-4	9.331	7.642	2661918	2896611	314.220	345.972
45) L9	AR-1268-5	9.735	7.908	652808	720175	9.871	13.233 #

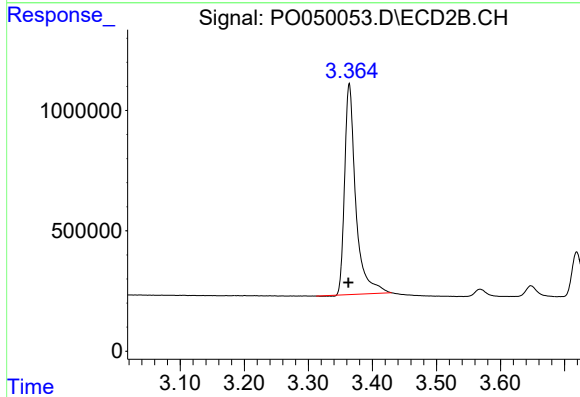
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

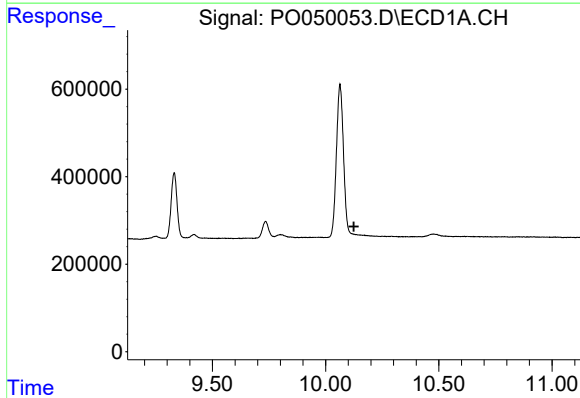
R.T.: 4.327 min
Delta R.T.: -0.007 min
Response: 12813717
Conc: 52.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



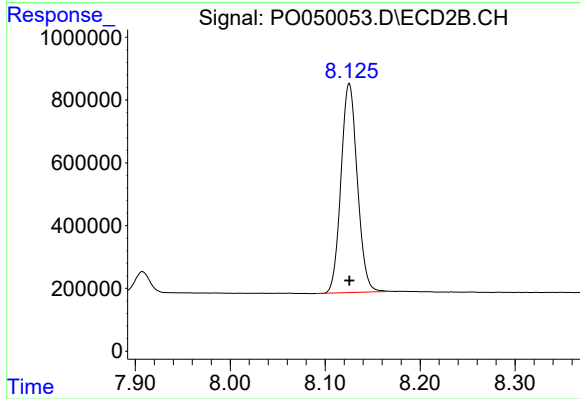
#1 Tetrachloro-m-xylene

R.T.: 3.364 min
Delta R.T.: 0.002 min
Response: 10571765
Conc: 53.96 ng/ml



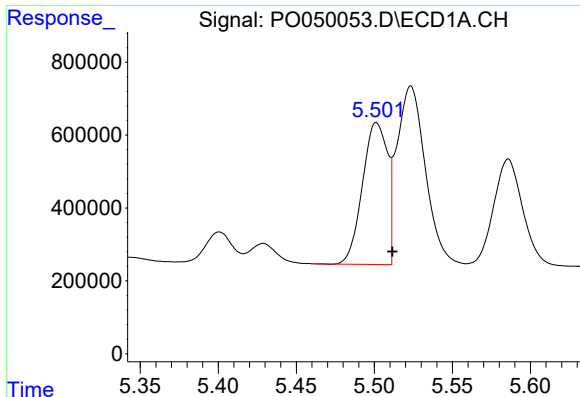
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 10.125 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

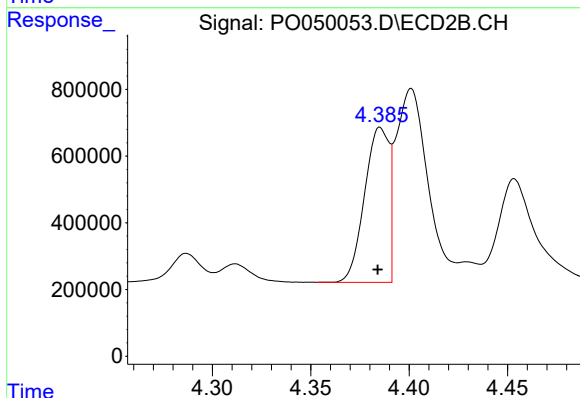
R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 7951127
Conc: 46.24 ng/ml



#3 AR-1016-1

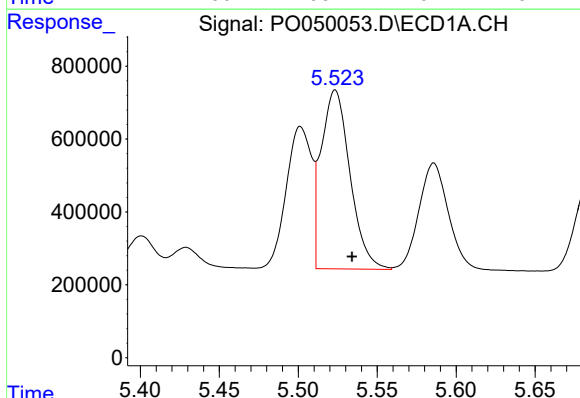
R.T.: 5.501 min
Delta R.T.: -0.010 min
Response: 4353656
Conc: 414.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



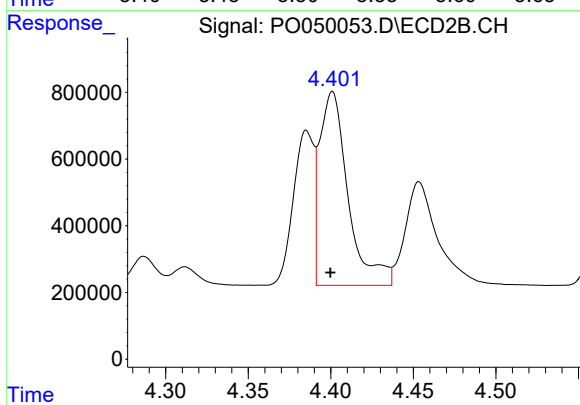
#3 AR-1016-1

R.T.: 4.385 min
Delta R.T.: 0.001 min
Response: 3998881
Conc: 556.52 ng/ml



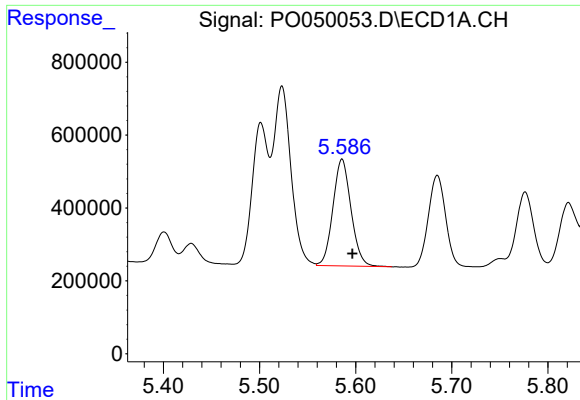
#4 AR-1016-2

R.T.: 5.523 min
Delta R.T.: -0.011 min
Response: 6243432
Conc: 406.29 ng/ml



#4 AR-1016-2

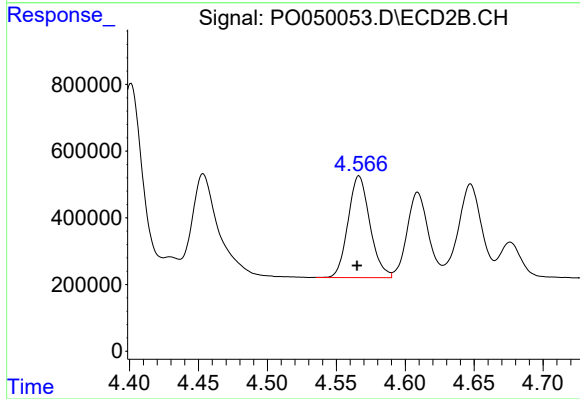
R.T.: 4.401 min
Delta R.T.: 0.001 min
Response: 6990542
Conc: 575.12 ng/ml



#5 AR-1016-3

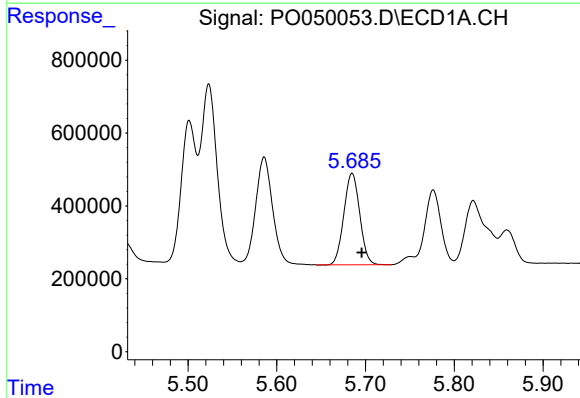
R.T.: 5.586 min
Delta R.T.: -0.011 min
Response: 3835264
Conc: 403.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



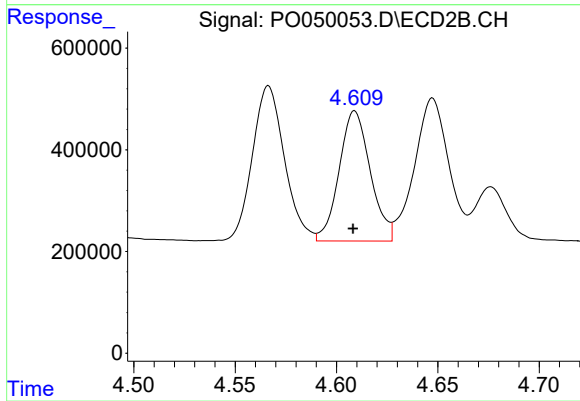
#5 AR-1016-3

R.T.: 4.566 min
Delta R.T.: 0.002 min
Response: 3361817
Conc: 547.97 ng/ml



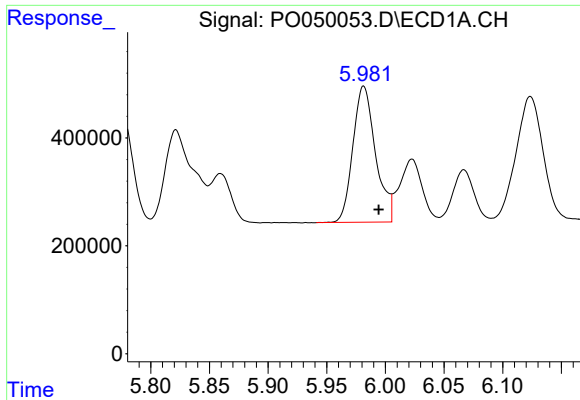
#6 AR-1016-4

R.T.: 5.685 min
Delta R.T.: -0.011 min
Response: 3129533
Conc: 396.04 ng/ml



#6 AR-1016-4

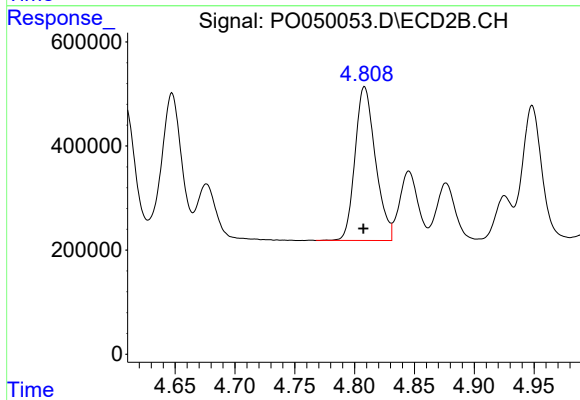
R.T.: 4.609 min
Delta R.T.: 0.000 min
Response: 2743286
Conc: 558.61 ng/ml



#7 AR-1016-5

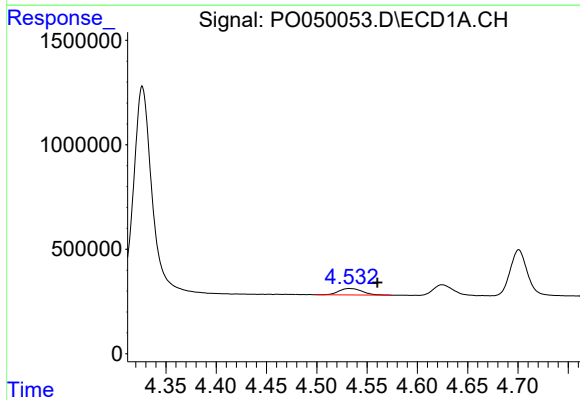
R.T.: 5.982 min
Delta R.T.: -0.013 min
Response: 3384355
Conc: 441.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



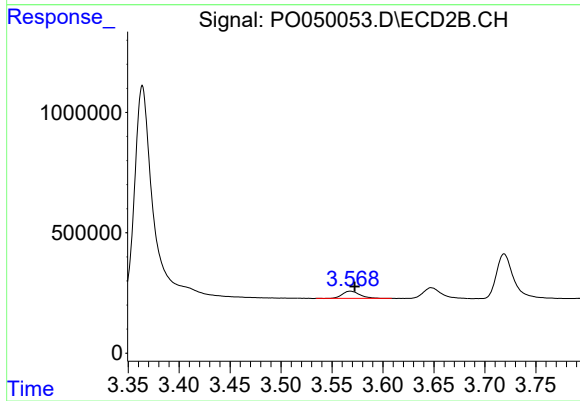
#7 AR-1016-5

R.T.: 4.808 min
Delta R.T.: 0.001 min
Response: 3508986
Conc: 531.49 ng/ml



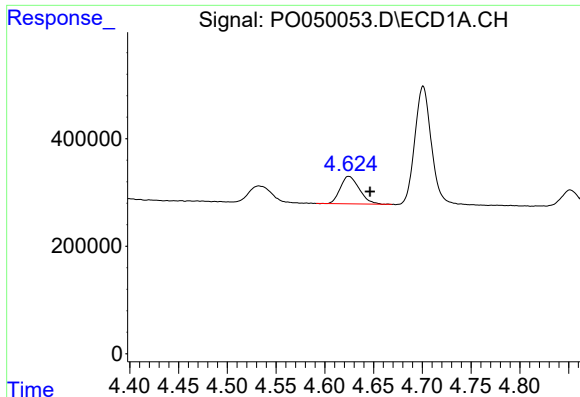
#8 AR-1221-1

R.T.: 4.532 min
Delta R.T.: -0.028 min
Response: 493928
Conc: 181.18 ng/ml



#8 AR-1221-1

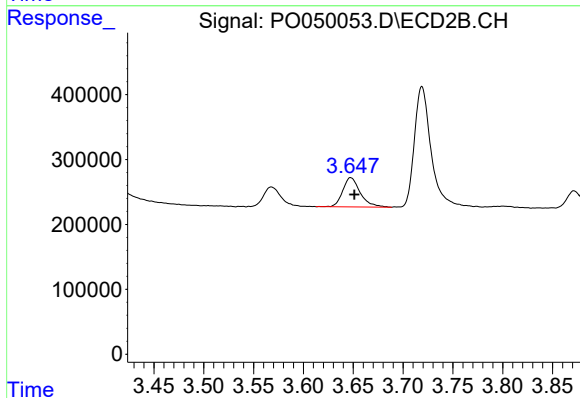
R.T.: 3.568 min
Delta R.T.: -0.004 min
Response: 361400
Conc: 179.23 ng/ml



#9 AR-1221-2

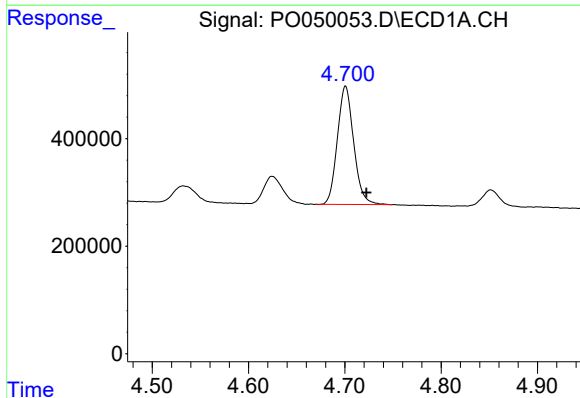
R.T.: 4.624 min
Delta R.T.: -0.022 min
Response: 697996
Conc: 341.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



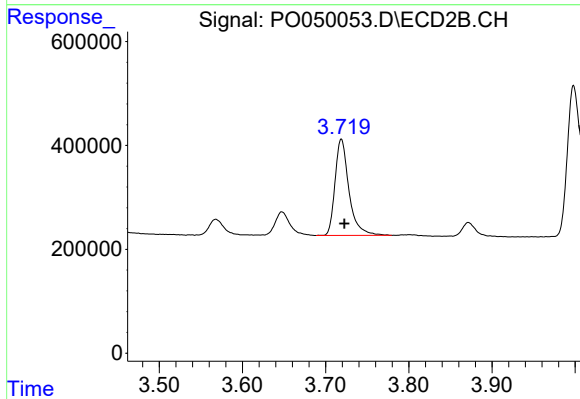
#9 AR-1221-2

R.T.: 3.647 min
Delta R.T.: -0.004 min
Response: 548128
Conc: 367.02 ng/ml



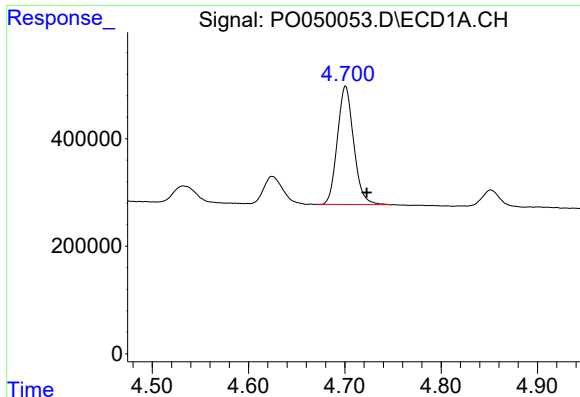
#10 AR-1221-3

R.T.: 4.701 min
Delta R.T.: -0.022 min
Response: 2590419
Conc: 407.36 ng/ml



#10 AR-1221-3

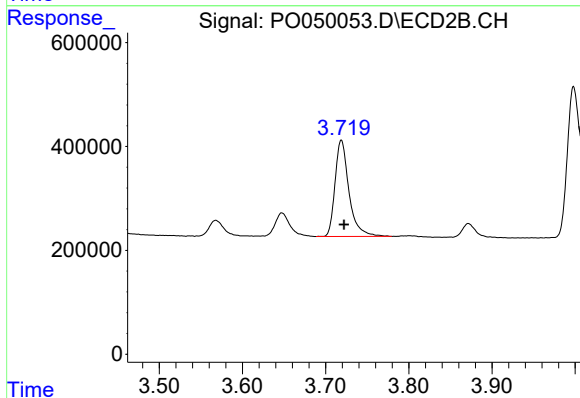
R.T.: 3.719 min
Delta R.T.: -0.003 min
Response: 2163542
Conc: 437.61 ng/ml



#11 AR-1232-1

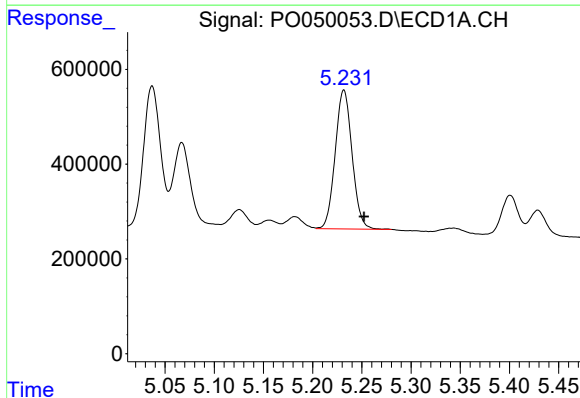
R.T.: 4.701 min
Delta R.T.: -0.022 min
Response: 2590419
Conc: 549.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



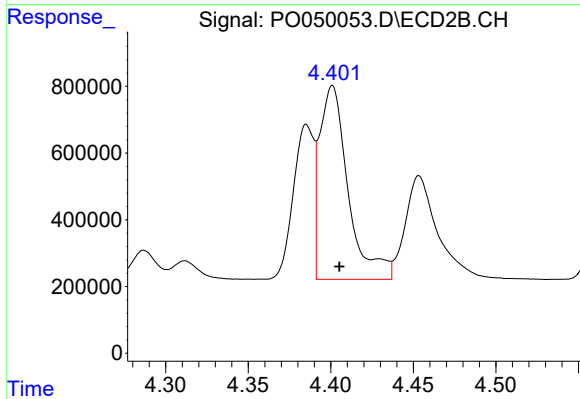
#11 AR-1232-1

R.T.: 3.719 min
Delta R.T.: -0.003 min
Response: 2163542
Conc: 606.19 ng/ml



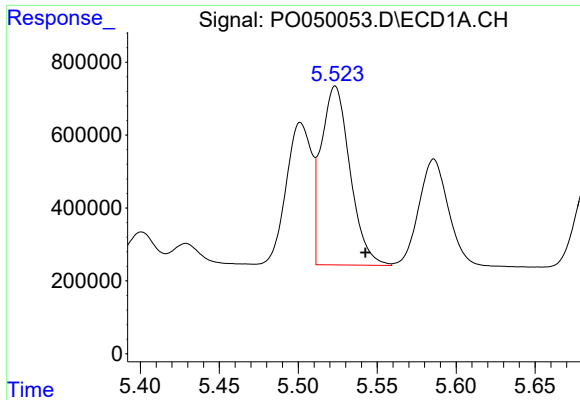
#12 AR-1232-2

R.T.: 5.232 min
Delta R.T.: -0.021 min
Response: 3496958
Conc: 1349.19 ng/ml



#12 AR-1232-2

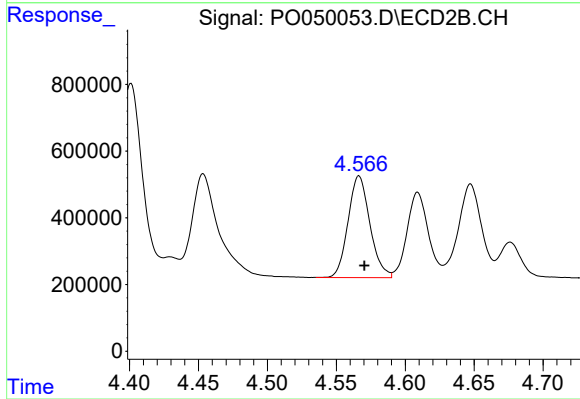
R.T.: 4.401 min
Delta R.T.: -0.004 min
Response: 6990542
Conc: 1642.59 ng/ml



#13 AR-1232-3

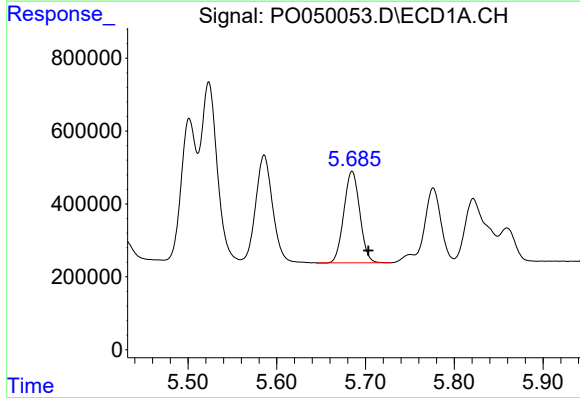
R.T.: 5.523 min
Delta R.T.: -0.019 min
Response: 6243432
Conc: 1212.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



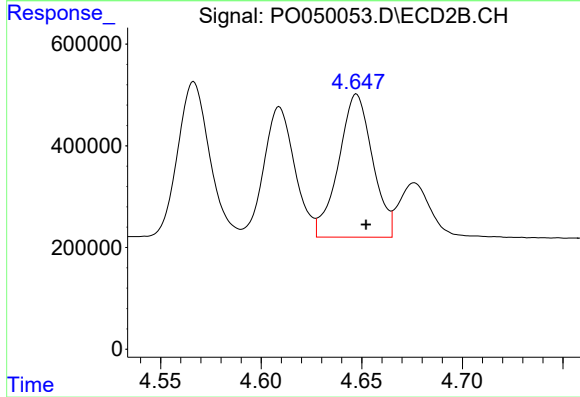
#13 AR-1232-3

R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 3361817
Conc: 1685.26 ng/ml



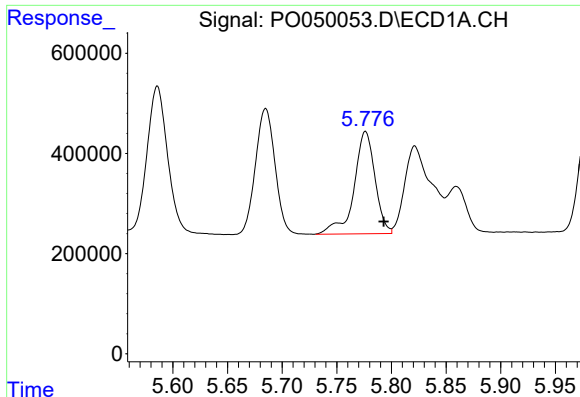
#14 AR-1232-4

R.T.: 5.685 min
Delta R.T.: -0.018 min
Response: 3129533
Conc: 1215.75 ng/ml



#14 AR-1232-4

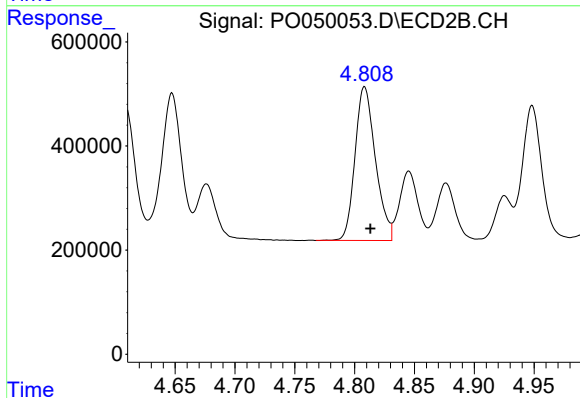
R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 3304127
Conc: 1825.86 ng/ml



#15 AR-1232-5

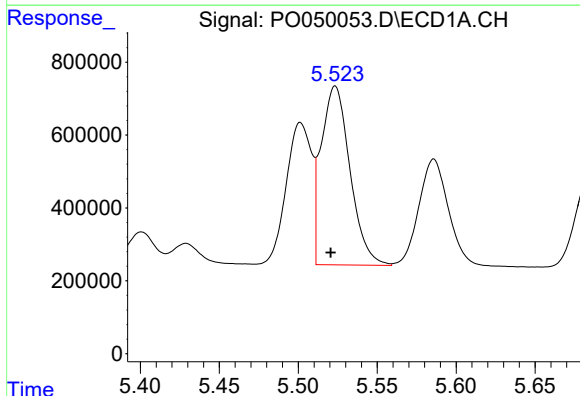
R.T.: 5.776 min
Delta R.T.: -0.017 min
Response: 2728589
Conc: 1500.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



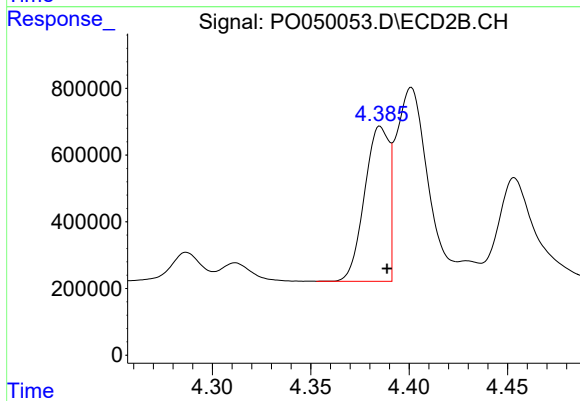
#15 AR-1232-5

R.T.: 4.808 min
Delta R.T.: -0.005 min
Response: 3508986
Conc: 1702.08 ng/ml



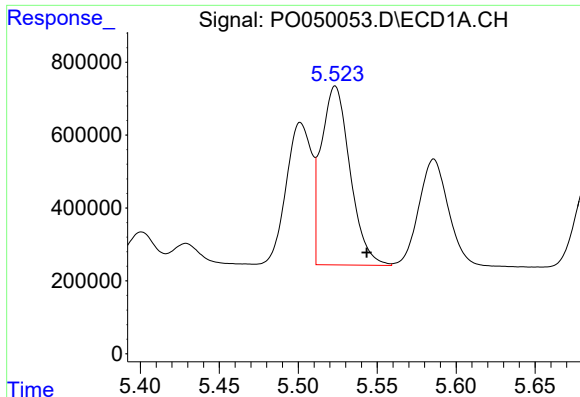
#16 AR-1242-1

R.T.: 5.523 min
Delta R.T.: 0.003 min
Response: 6243432
Conc: 919.28 ng/ml



#16 AR-1242-1

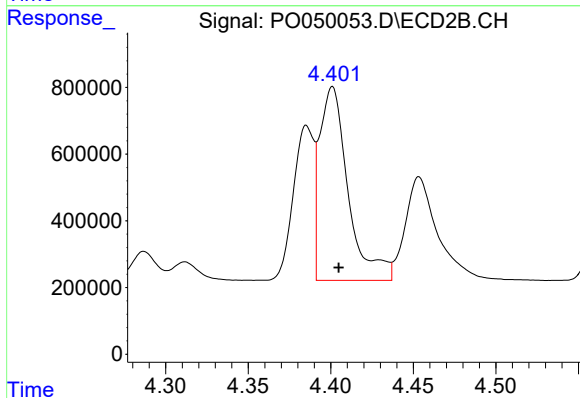
R.T.: 4.385 min
Delta R.T.: -0.003 min
Response: 3998881
Conc: 840.92 ng/ml



#17 AR-1242-2

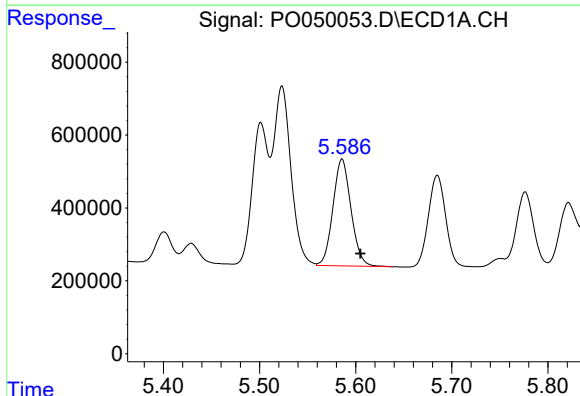
R.T.: 5.523 min
Delta R.T.: -0.020 min
Response: 6243432
Conc: 621.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



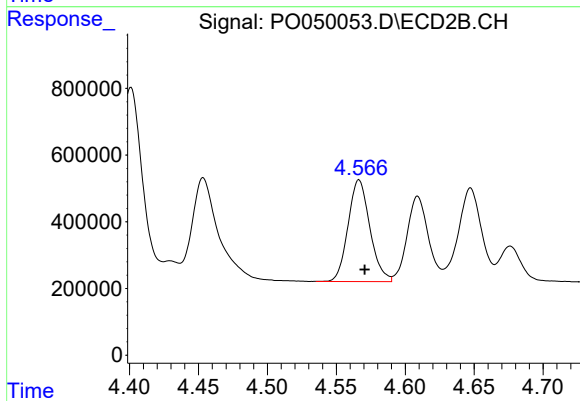
#17 AR-1242-2

R.T.: 4.401 min
Delta R.T.: -0.004 min
Response: 6990542
Conc: 879.41 ng/ml



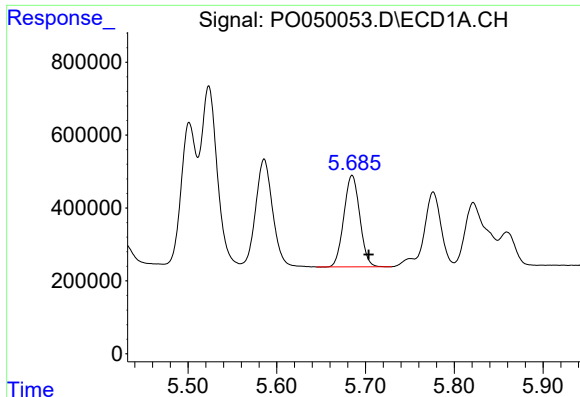
#18 AR-1242-3

R.T.: 5.586 min
Delta R.T.: -0.019 min
Response: 3835264
Conc: 610.07 ng/ml



#18 AR-1242-3

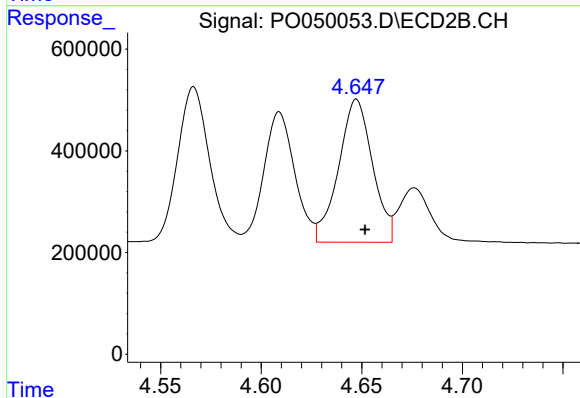
R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 3361817
Conc: 835.99 ng/ml



#19 AR-1242-4

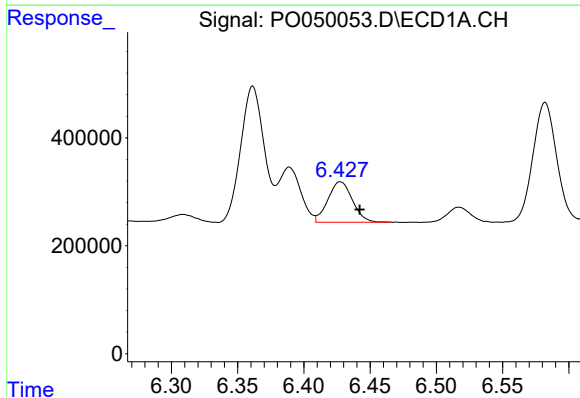
R.T.: 5.685 min
Delta R.T.: -0.019 min
Response: 3129533
Conc: 607.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



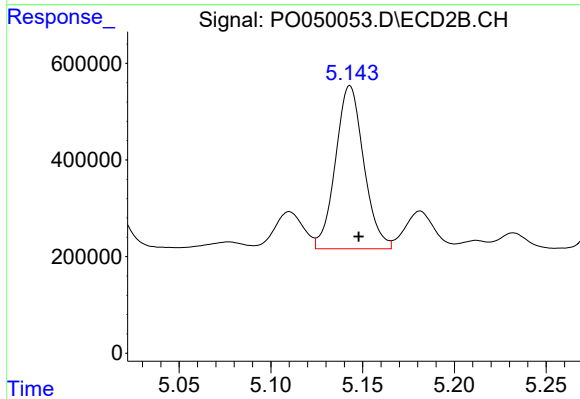
#19 AR-1242-4

R.T.: 4.647 min
Delta R.T.: -0.004 min
Response: 3304127
Conc: 795.02 ng/ml



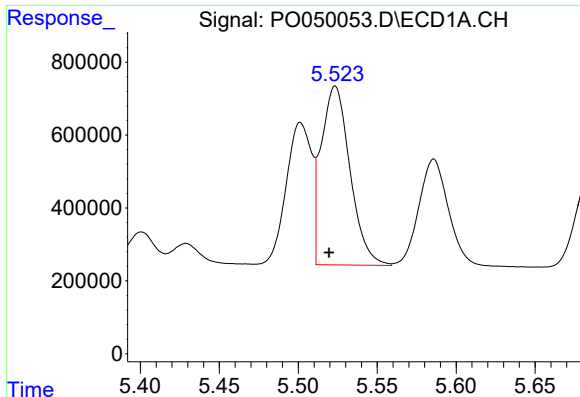
#20 AR-1242-5

R.T.: 6.428 min
Delta R.T.: -0.015 min
Response: 967100
Conc: 174.13 ng/ml



#20 AR-1242-5

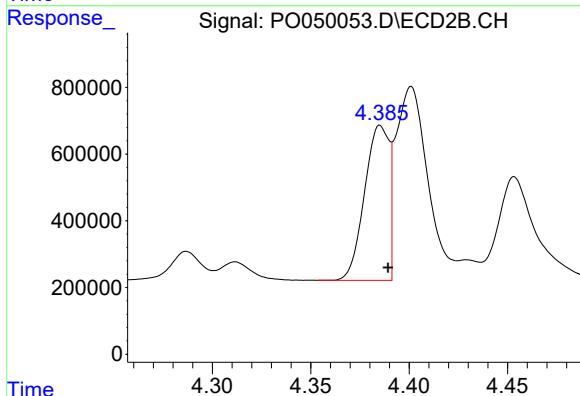
R.T.: 5.143 min
Delta R.T.: -0.005 min
Response: 3620804
Conc: 766.93 ng/ml



#21 AR-1248-1

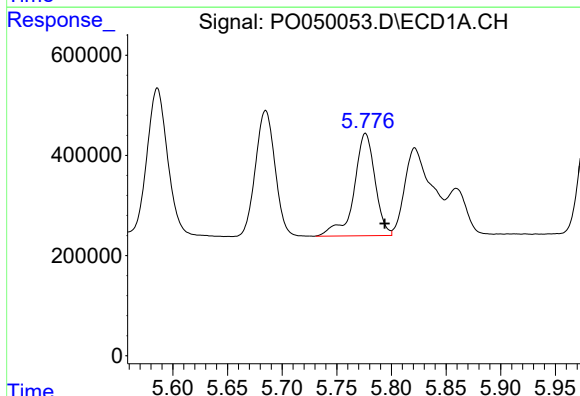
R.T.: 5.523 min
Delta R.T.: 0.004 min
Response: 6243432
Conc: 1139.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



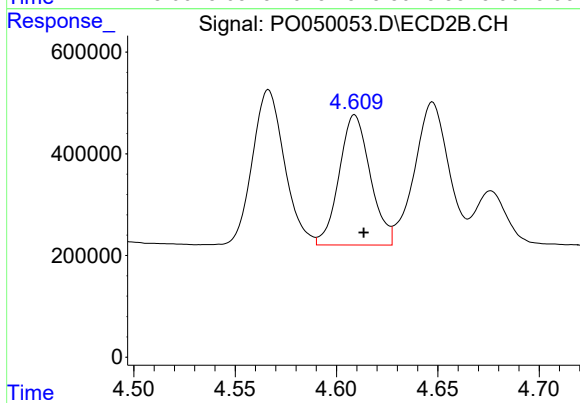
#21 AR-1248-1

R.T.: 4.385 min
Delta R.T.: -0.004 min
Response: 3998881
Conc: 1018.38 ng/ml



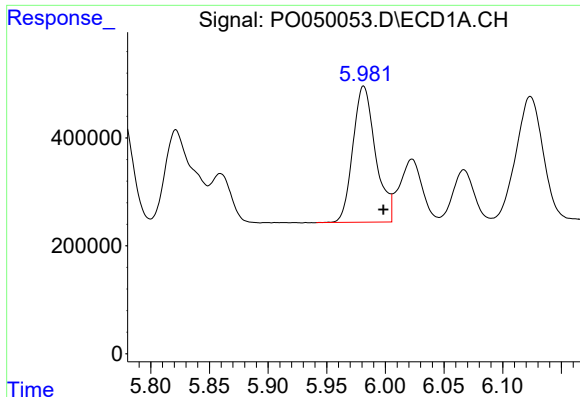
#22 AR-1248-2

R.T.: 5.776 min
Delta R.T.: -0.018 min
Response: 2728589
Conc: 341.63 ng/ml



#22 AR-1248-2

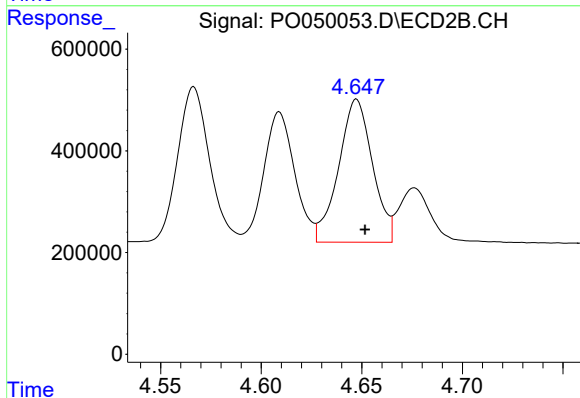
R.T.: 4.609 min
Delta R.T.: -0.004 min
Response: 2743286
Conc: 452.55 ng/ml



#23 AR-1248-3

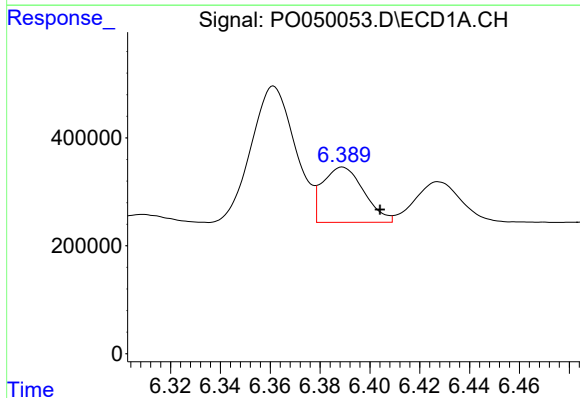
R.T.: 5.982 min
Delta R.T.: -0.017 min
Response: 3384355
Conc: 376.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



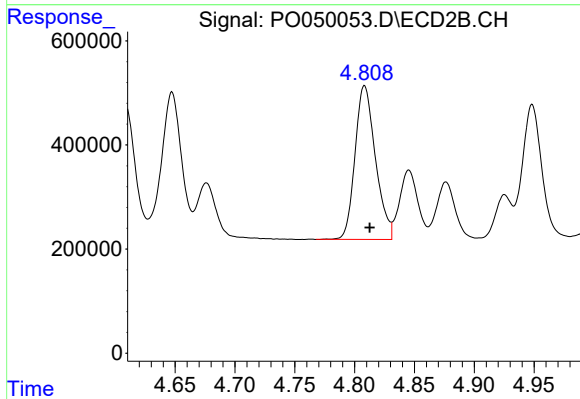
#23 AR-1248-3

R.T.: 4.647 min
Delta R.T.: -0.004 min
Response: 3304127
Conc: 542.78 ng/ml



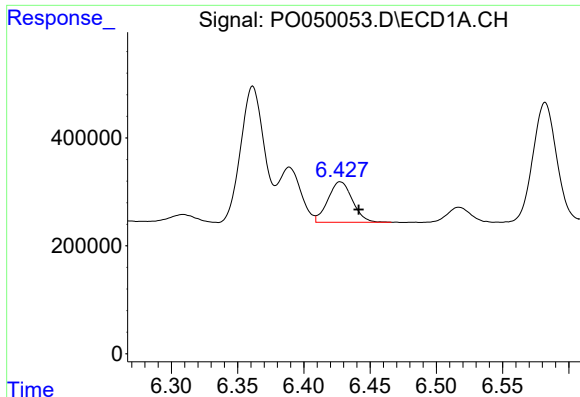
#24 AR-1248-4

R.T.: 6.389 min
Delta R.T.: -0.015 min
Response: 1178548
Conc: 123.66 ng/ml



#24 AR-1248-4

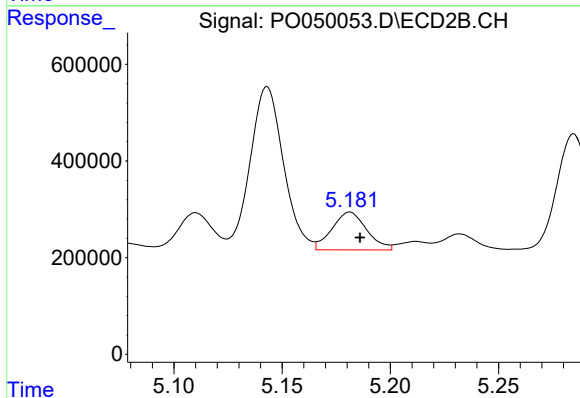
R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 3508986
Conc: 468.26 ng/ml



#25 AR-1248-5

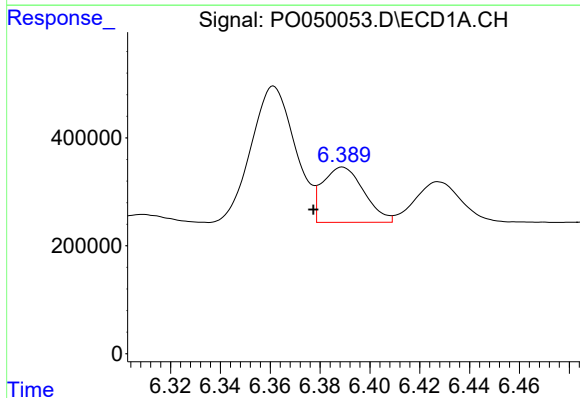
R.T.: 6.428 min
Delta R.T.: -0.014 min
Response: 967100
Conc: 105.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



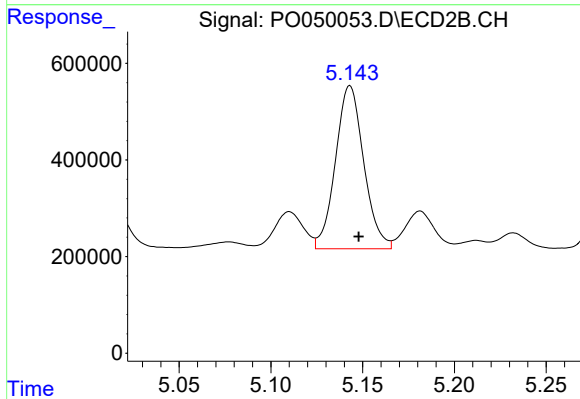
#25 AR-1248-5

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 876972
Conc: 125.83 ng/ml



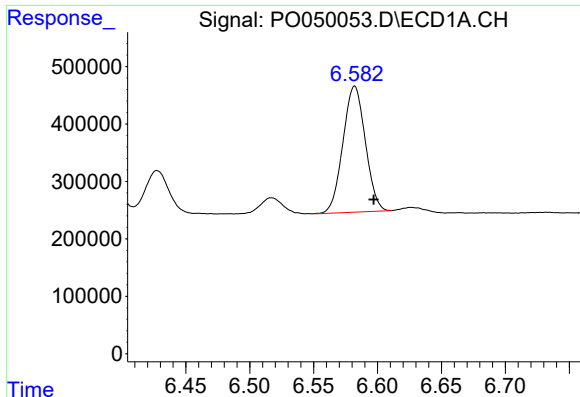
#26 AR-1254-1

R.T.: 6.389 min
Delta R.T.: 0.012 min
Response: 1178548
Conc: 99.27 ng/ml



#26 AR-1254-1

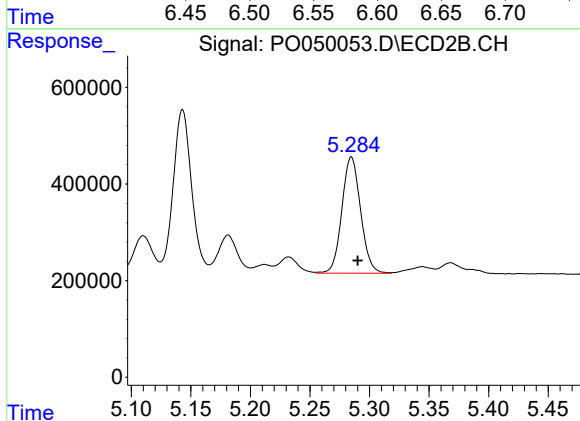
R.T.: 5.143 min
Delta R.T.: -0.005 min
Response: 3620804
Conc: 270.40 ng/ml



#27 AR-1254-2

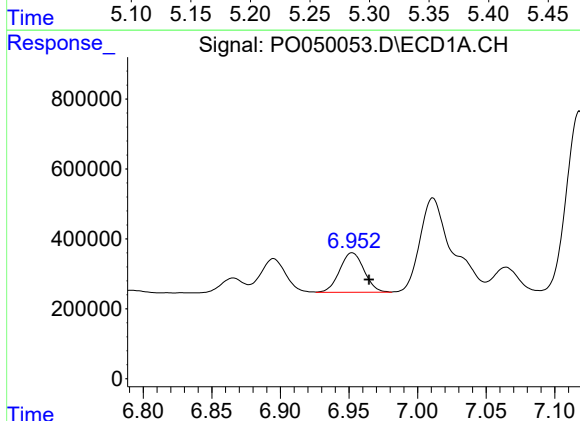
R.T.: 6.582 min
Delta R.T.: -0.015 min
Response: 2678890
Conc: 144.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



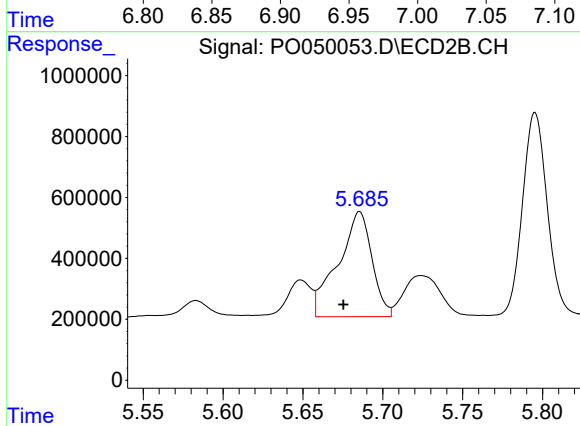
#27 AR-1254-2

R.T.: 5.285 min
Delta R.T.: -0.005 min
Response: 2634390
Conc: 216.96 ng/ml



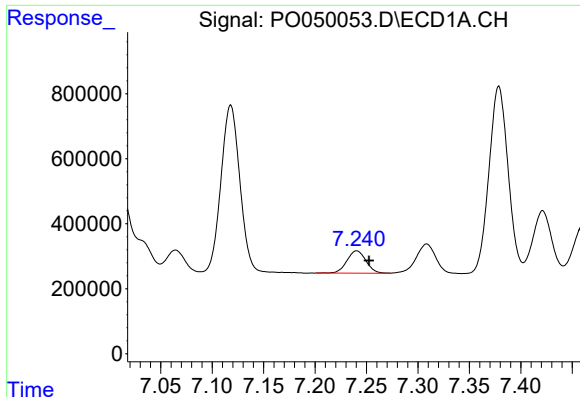
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.012 min
Response: 1403152
Conc: 72.38 ng/ml



#28 AR-1254-3

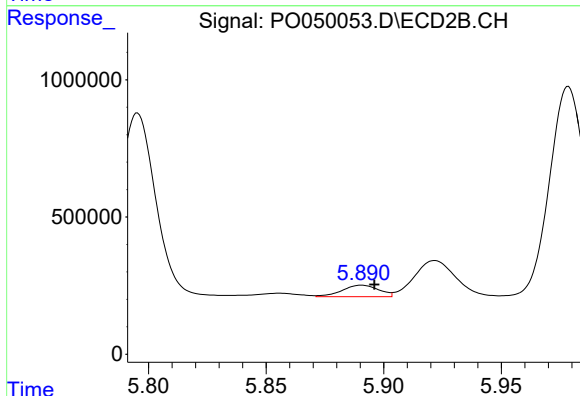
R.T.: 5.685 min
Delta R.T.: 0.010 min
Response: 5090121
Conc: 254.62 ng/ml



#29 AR-1254-4

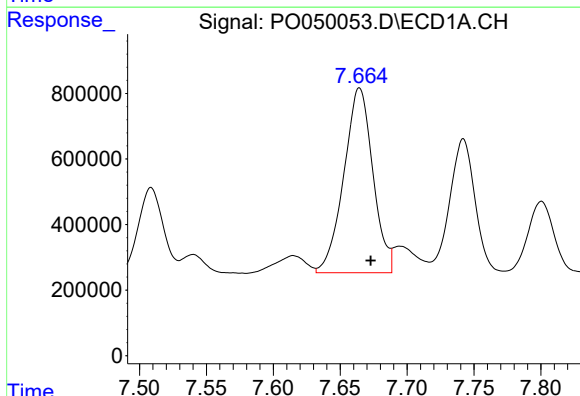
R.T.: 7.240 min
Delta R.T.: -0.012 min
Response: 886956
Conc: 66.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



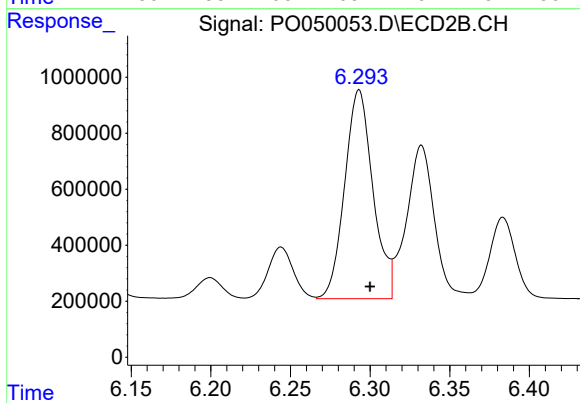
#29 AR-1254-4

R.T.: 5.891 min
Delta R.T.: -0.005 min
Response: 455498
Conc: 41.99 ng/ml



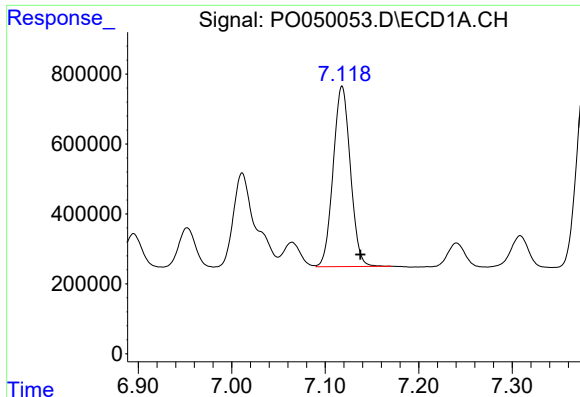
#30 AR-1254-5

R.T.: 7.664 min
Delta R.T.: -0.008 min
Response: 8525679
Conc: 568.68 ng/ml



#30 AR-1254-5

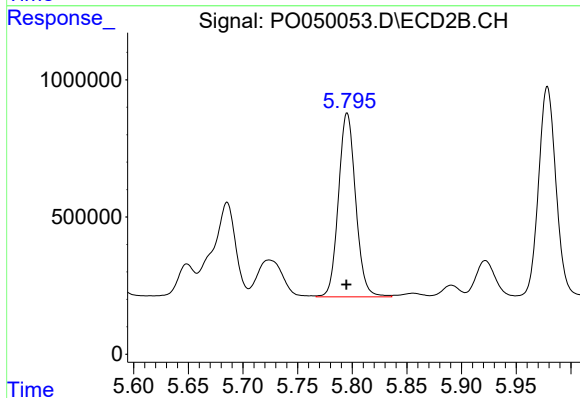
R.T.: 6.293 min
Delta R.T.: -0.007 min
Response: 9226036
Conc: 540.71 ng/ml



#31 AR-1260-1

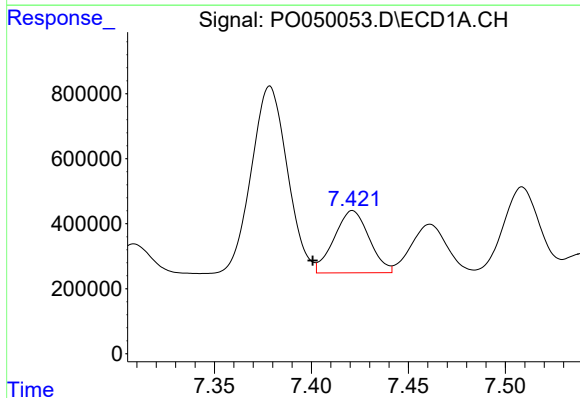
R.T.: 7.118 min
Delta R.T.: -0.020 min
Response: 6597789
Conc: 413.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



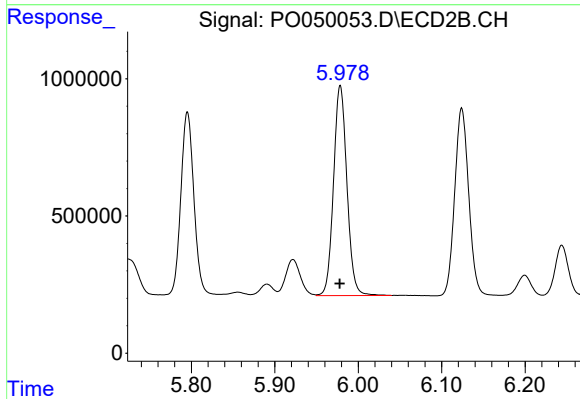
#31 AR-1260-1

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 7333547
Conc: 510.40 ng/ml



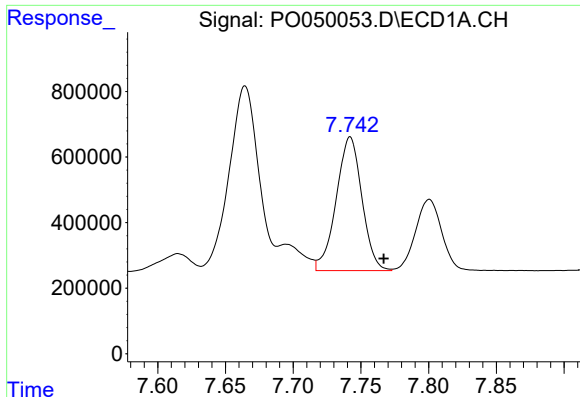
#32 AR-1260-2

R.T.: 7.421 min
Delta R.T.: 0.021 min
Response: 2405312
Conc: 129.53 ng/ml



#32 AR-1260-2

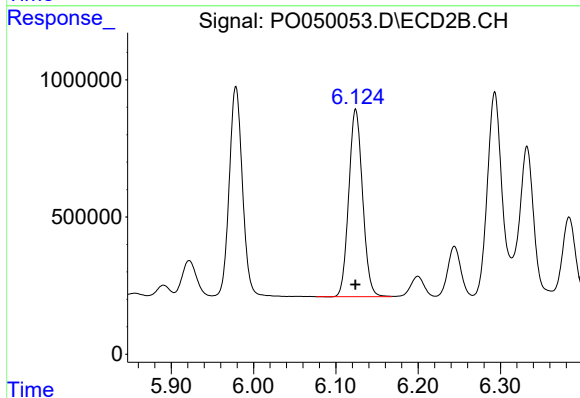
R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 8524996
Conc: 500.20 ng/ml



#33 AR-1260-3

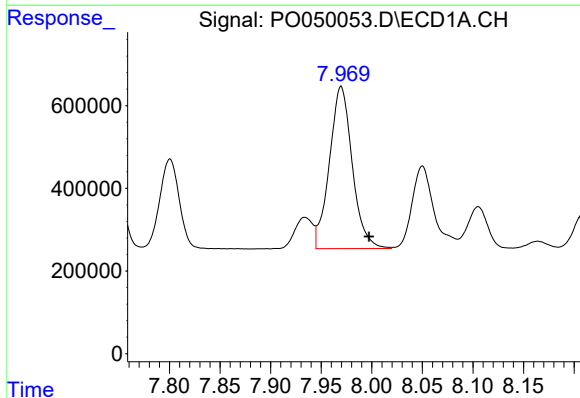
R.T.: 7.742 min
Delta R.T.: -0.025 min
Response: 5391396
Conc: 405.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



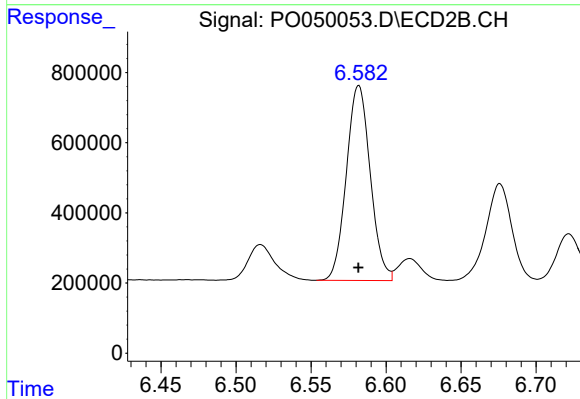
#33 AR-1260-3

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 7969253
Conc: 492.69 ng/ml



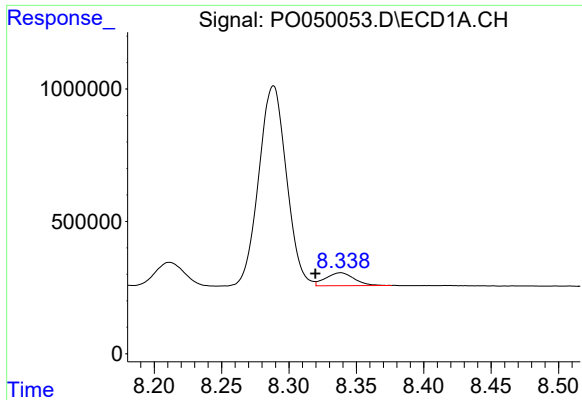
#34 AR-1260-4

R.T.: 7.970 min
Delta R.T.: -0.028 min
Response: 6170745
Conc: 403.33 ng/ml



#34 AR-1260-4

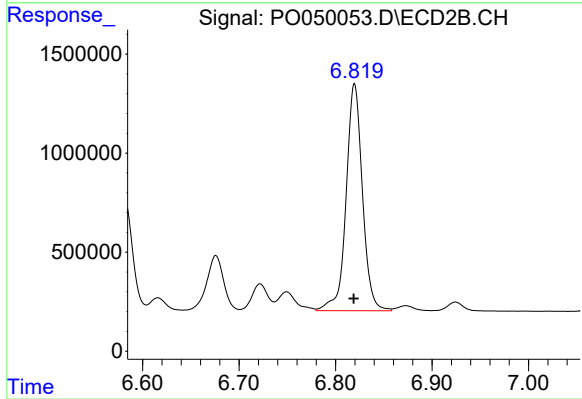
R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 6168472
Conc: 488.30 ng/ml



#35 AR-1260-5

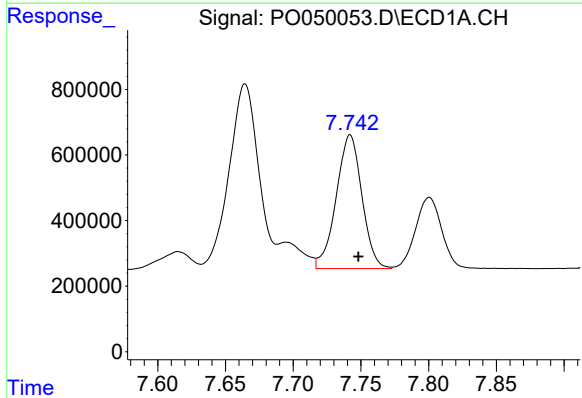
R.T.: 8.338 min
Delta R.T.: 0.019 min
Response: 710470
Conc: 26.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



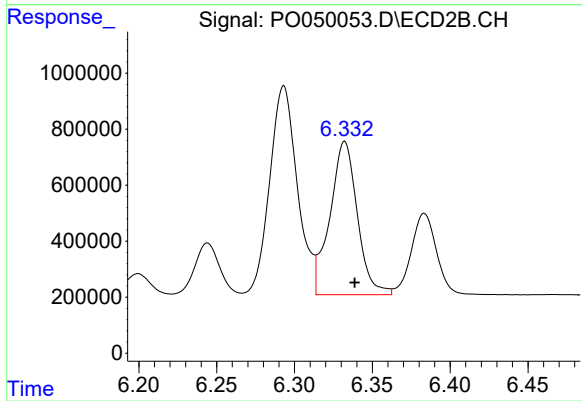
#35 AR-1260-5

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 13505264
Conc: 485.13 ng/ml



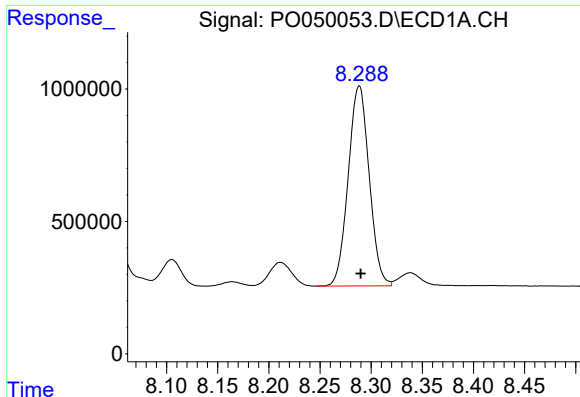
#36 AR-1262-1

R.T.: 7.742 min
Delta R.T.: -0.006 min
Response: 5391396
Conc: 365.54 ng/ml



#36 AR-1262-1

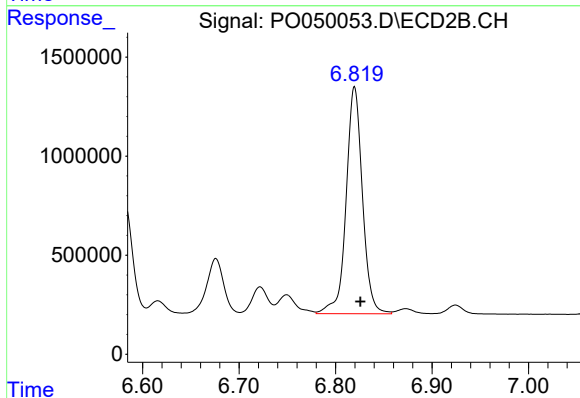
R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 6715596
Conc: 447.67 ng/ml



#37 AR-1262-2

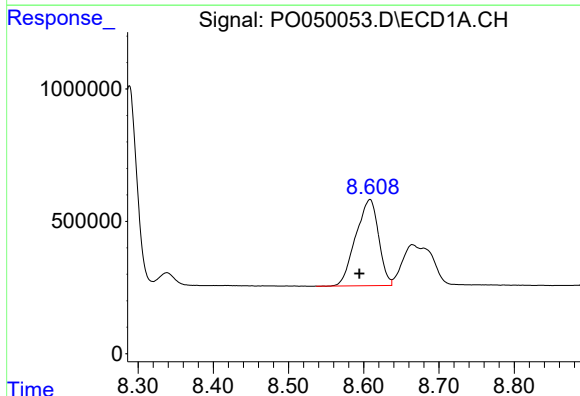
R.T.: 8.288 min
Delta R.T.: -0.002 min
Response: 10798459
Conc: 469.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



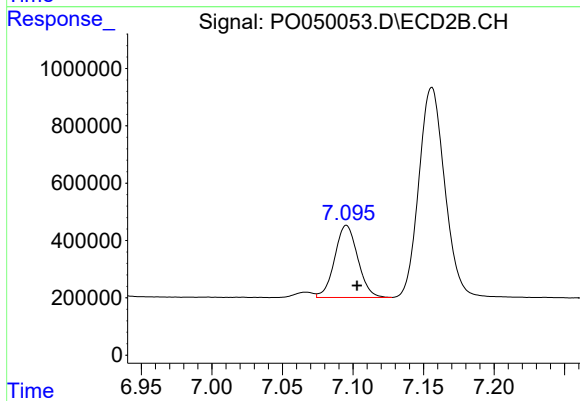
#37 AR-1262-2

R.T.: 6.820 min
Delta R.T.: -0.006 min
Response: 13505264
Conc: 563.17 ng/ml



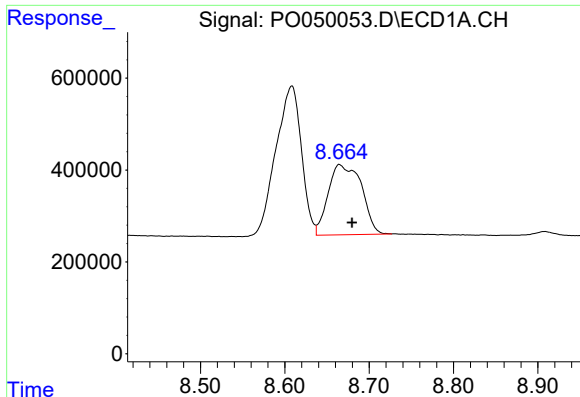
#38 AR-1262-3

R.T.: 8.608 min
Delta R.T.: 0.014 min
Response: 6867174
Conc: 436.06 ng/ml



#38 AR-1262-3

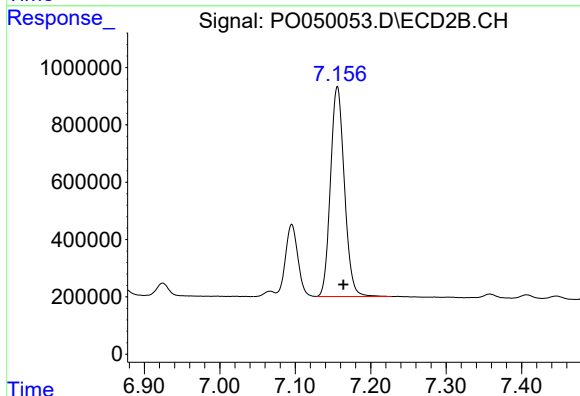
R.T.: 7.095 min
Delta R.T.: -0.007 min
Response: 2866901
Conc: 294.69 ng/ml



#39 AR-1262-4

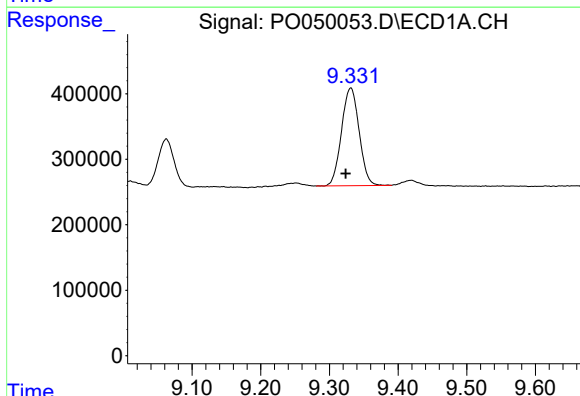
R.T.: 8.665 min
Delta R.T.: -0.015 min
Response: 4190762
Conc: 336.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



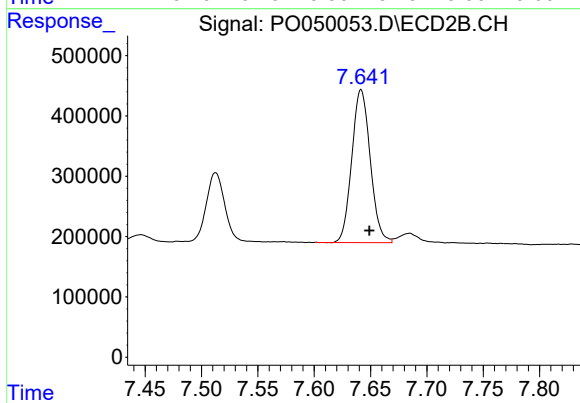
#39 AR-1262-4

R.T.: 7.156 min
Delta R.T.: -0.008 min
Response: 9382490
Conc: 528.90 ng/ml



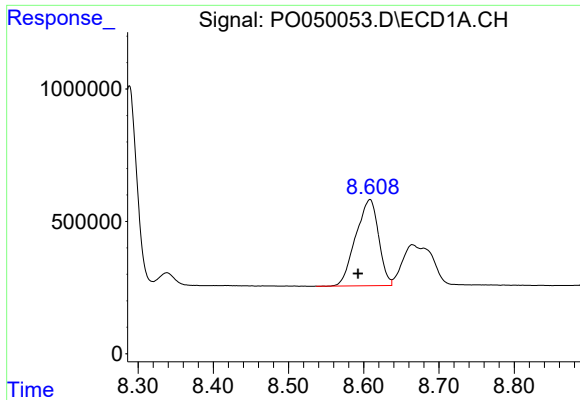
#40 AR-1262-5

R.T.: 9.331 min
Delta R.T.: 0.007 min
Response: 2661918
Conc: 374.54 ng/ml



#40 AR-1262-5

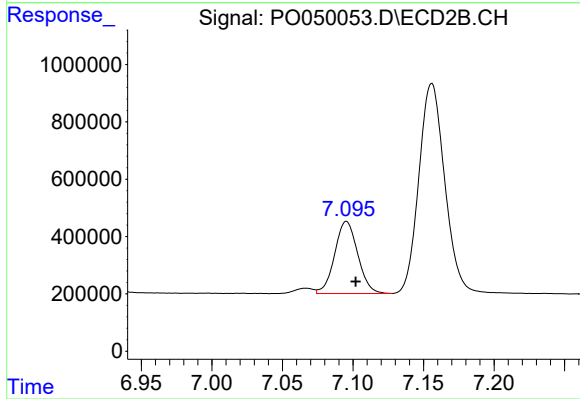
R.T.: 7.642 min
Delta R.T.: -0.007 min
Response: 2896611
Conc: 417.98 ng/ml



#41 AR-1268-1

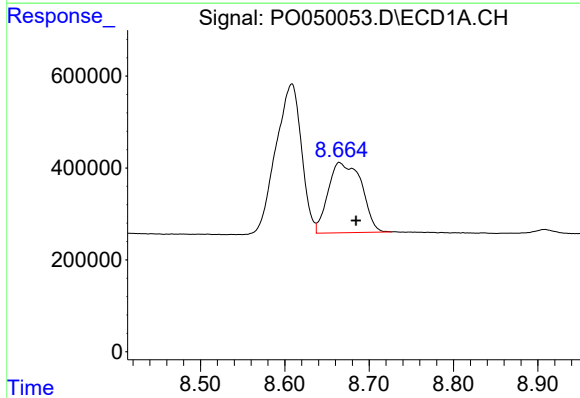
R.T.: 8.608 min
Delta R.T.: 0.016 min
Response: 6867174
Conc: 234.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



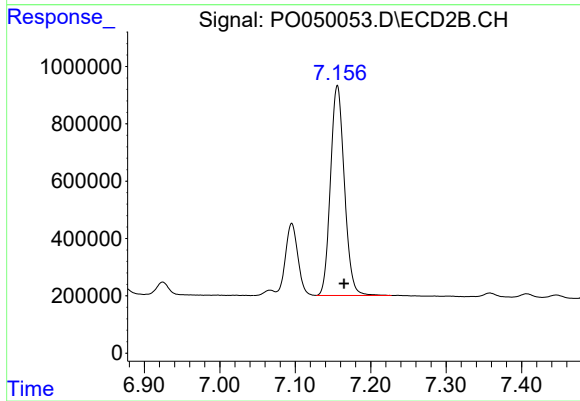
#41 AR-1268-1

R.T.: 7.095 min
Delta R.T.: -0.007 min
Response: 2866901
Conc: 95.20 ng/ml



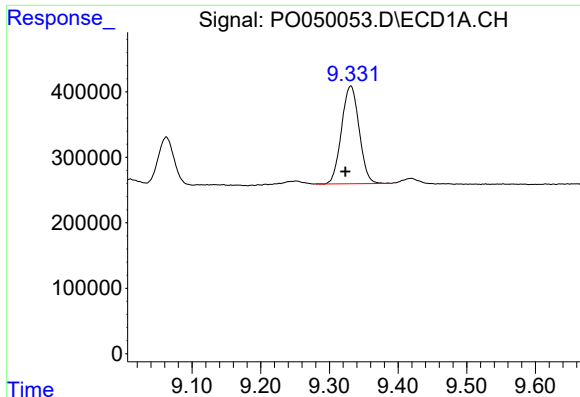
#42 AR-1268-2

R.T.: 8.665 min
Delta R.T.: -0.020 min
Response: 4190762
Conc: 154.74 ng/ml



#42 AR-1268-2

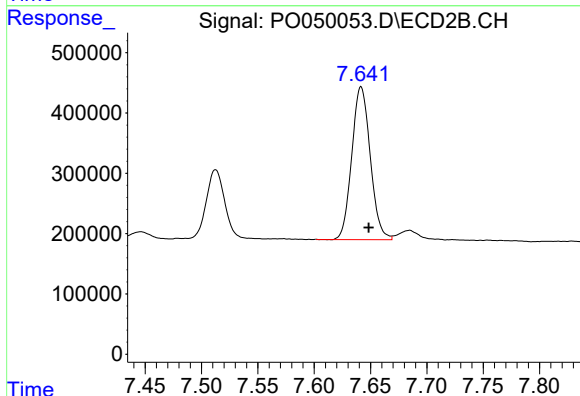
R.T.: 7.156 min
Delta R.T.: -0.009 min
Response: 9382490
Conc: 333.33 ng/ml



#44 AR-1268-4

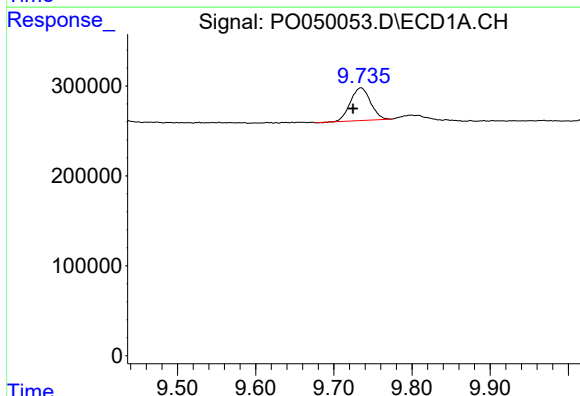
R.T.: 9.331 min
Delta R.T.: 0.008 min
Response: 2661918
Conc: 314.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



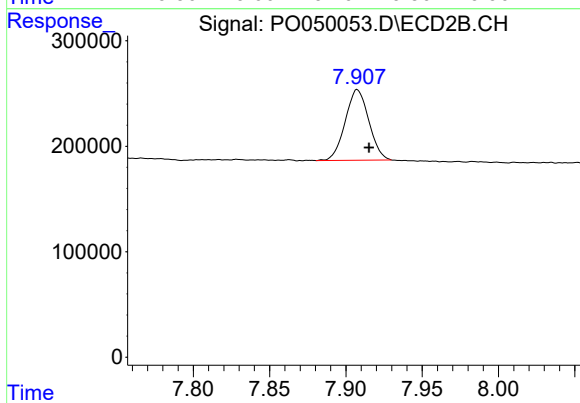
#44 AR-1268-4

R.T.: 7.642 min
Delta R.T.: -0.007 min
Response: 2896611
Conc: 345.97 ng/ml



#45 AR-1268-5

R.T.: 9.735 min
Delta R.T.: 0.010 min
Response: 652808
Conc: 9.87 ng/ml



#45 AR-1268-5

R.T.: 7.908 min
Delta R.T.: -0.008 min
Response: 720175
Conc: 13.23 ng/ml