

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102119\
 Data File : PO063047.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Oct 2019 19:19
 Operator : HP/AJ
 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 22 01:00:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 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...	4.316	3.477	3577566	2362146	57.845	55.085
2)	SA Decachlor...	9.938	8.326	2562753	1327994	45.802	45.260
Target Compounds							
3)	L1 AR-1016-1	5.476	4.522	1167581	800810	493.337	511.980
4)	L1 AR-1016-2	5.498	4.539	1673704	1209798	491.369	520.139
5)	L1 AR-1016-3	5.560	4.708	1005627	625113	485.946	505.730
6)	L1 AR-1016-4	5.657	4.750	840253	507241	495.752	516.171
7)	L1 AR-1016-5	5.950	4.956	815377	617518	458.512	478.861
8)	L2 AR-1221-1	4.520	3.682	105205	74489	151.183	146.501
9)	L2 AR-1221-2	4.611	3.765	160966	114432	308.655	297.810
10)	L2 AR-1221-3	4.686	3.838	581211	415101	356.004	352.739
11)	L3 AR-1232-1	4.686	3.838	581211	415101	266.111	267.891
12)	L3 AR-1232-2	5.210	4.539	789038	1209798	661.334	700.739
13)	L3 AR-1232-3	5.498	4.708	1673704	625113	654.240	683.908
14)	L3 AR-1232-4	5.657	4.790	840253	607591	653.651	746.865
15)	L3 AR-1232-5	5.747	4.956	737474	617518	745.132	699.211
16)	L4 AR-1242-1	5.498	4.522	1673704	800810	903.239	665.870 #
17)	L4 AR-1242-2	5.498	4.539	1673704	1209798	630.941	679.186
18)	L4 AR-1242-3	5.560	4.708	1005627	625113	615.768	656.609
19)	L4 AR-1242-4	5.657	4.790	840253	607591	622.428	643.610
20)	L4 AR-1242-5	6.389	5.296	137048	471188	89.665	394.870 #
21)	L5 AR-1248-1	5.476	4.522	1167581	800810	814.644	815.696
22)	L5 AR-1248-2	5.747	4.750	737474	507241	368.342	400.380
23)	L5 AR-1248-3	5.950	4.790	815377	607591	369.186	457.712
24)	L5 AR-1248-4	6.351	4.956	172502	617518	67.524	390.248 #
25)	L5 AR-1248-5	6.389	5.336	137048	85190	56.049	55.354
26)	L6 AR-1254-1	6.323	5.296	598750	471188	224.619	192.652
27)	L6 AR-1254-2	6.540	5.441	619705	413663	151.573	195.321 #
28)	L6 AR-1254-3	6.905	5.848	346930	761132	82.916	233.608 #
29)	L6 AR-1254-4	7.189	6.057	253473	104862	84.117	54.292 #
30)	L6 AR-1254-5	7.606	6.465	1804820	1138761	575.903	431.153 #
31)	L7 AR-1260-1	7.067	5.961	1372686	968053	482.131	455.611
32)	L7 AR-1260-2	7.324	6.146	1670066	1153092	486.821	454.398
33)	L7 AR-1260-3	7.681	6.294	1274877	987737	481.792	437.419
34)	L7 AR-1260-4	7.906	6.757	1269619	781867	453.914	445.293
35)	L7 AR-1260-5	8.217	6.998	2577602	1735555	492.322	481.772
36)	L8 AR-1262-1	7.681	6.556	1274877	472821	310.576	396.740 #
37)	L8 AR-1262-2	8.217	6.998	2577602	1735555	399.749	413.050
38)	L8 AR-1262-3	8.532	7.275	1579648	418527	359.226	237.960 #
39)	L8 AR-1262-4	8.586	7.338	1051292	1216856	304.285	398.040 #
40)	L8 AR-1262-5	9.231	7.828	753591	432675	333.641	331.293
41)	L9 AR-1268-1	8.532	7.275	1579648	418527	208.673	89.372 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102119\
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 Acq On : 21 Oct 2019 19:19
 Operator : HP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

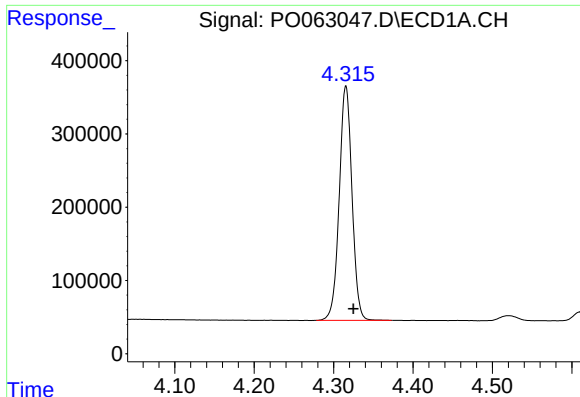
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 01:00:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.586	7.338	1051292	1216856	149.654	291.270 #
44) L9	AR-1268-4	9.231	7.828	753591	432675	317.168	303.660
45) L9	AR-1268-5	9.622	8.096	222708	118346	12.357	12.783

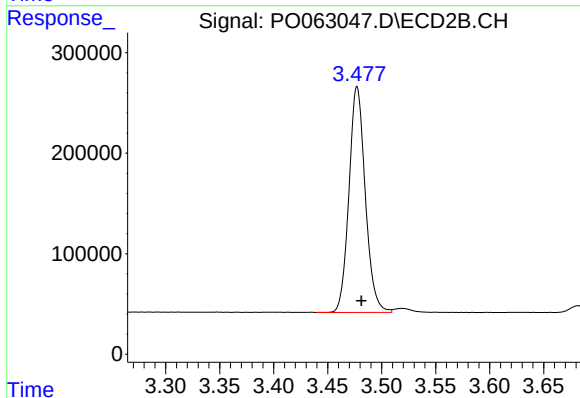
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

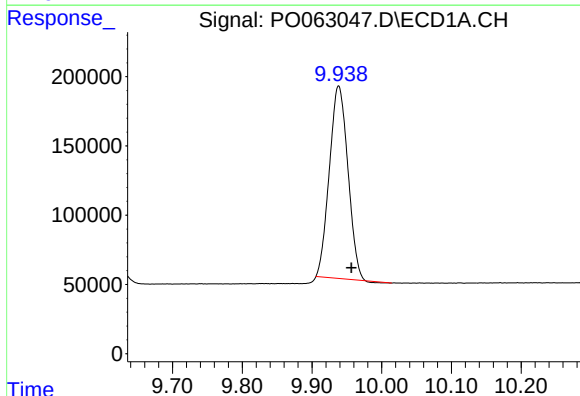
R.T.: 4.316 min
Delta R.T.: -0.009 min
Response: 3577566
Conc: 57.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



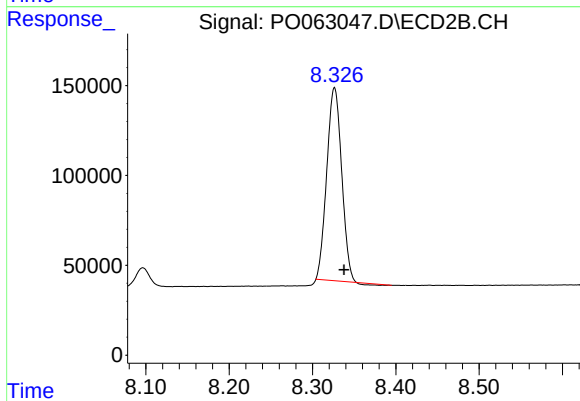
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: -0.004 min
Response: 2362146
Conc: 55.09 ng/ml



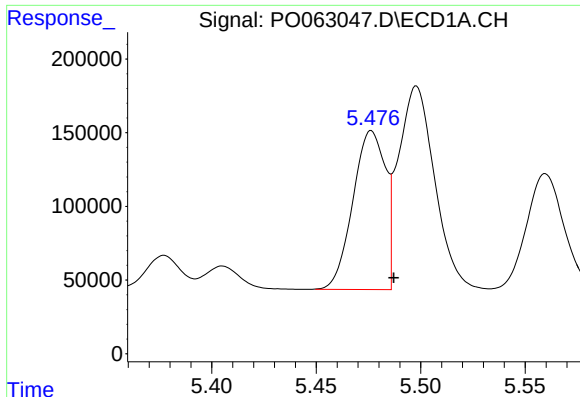
#2 Decachlorobiphenyl

R.T.: 9.938 min
Delta R.T.: -0.018 min
Response: 2562753
Conc: 45.80 ng/ml



#2 Decachlorobiphenyl

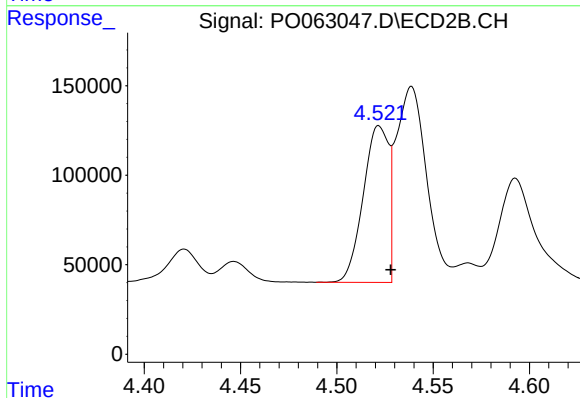
R.T.: 8.326 min
Delta R.T.: -0.012 min
Response: 1327994
Conc: 45.26 ng/ml



#3 AR-1016-1

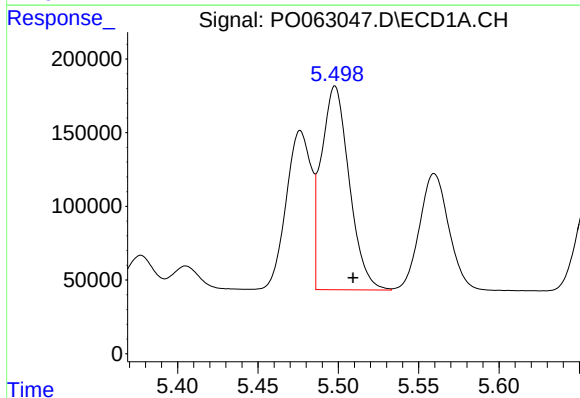
R.T.: 5.476 min
Delta R.T.: -0.011 min
Response: 1167581
Conc: 493.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



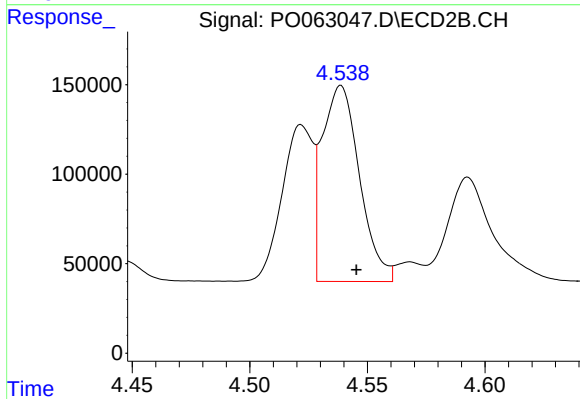
#3 AR-1016-1

R.T.: 4.522 min
Delta R.T.: -0.006 min
Response: 800810
Conc: 511.98 ng/ml



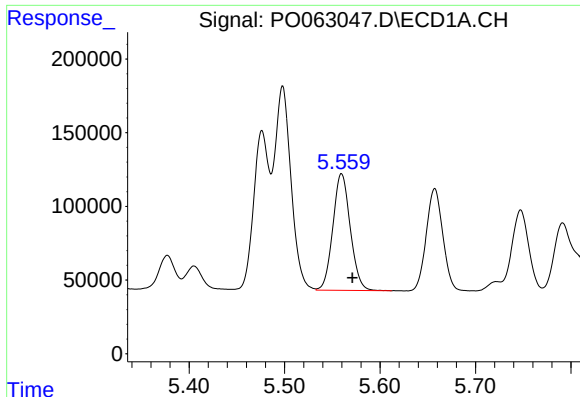
#4 AR-1016-2

R.T.: 5.498 min
Delta R.T.: -0.011 min
Response: 1673704
Conc: 491.37 ng/ml



#4 AR-1016-2

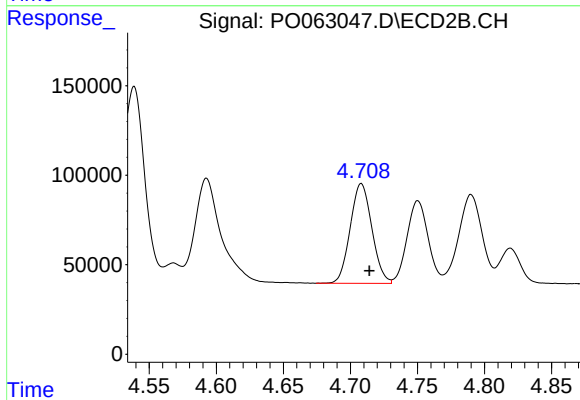
R.T.: 4.539 min
Delta R.T.: -0.007 min
Response: 1209798
Conc: 520.14 ng/ml



#5 AR-1016-3

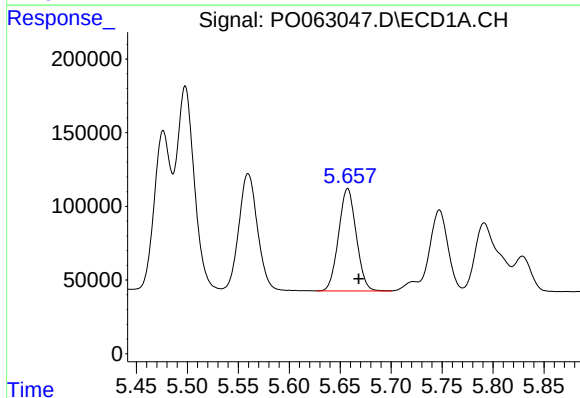
R.T.: 5.560 min
Delta R.T.: -0.011 min
Response: 1005627
Conc: 485.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



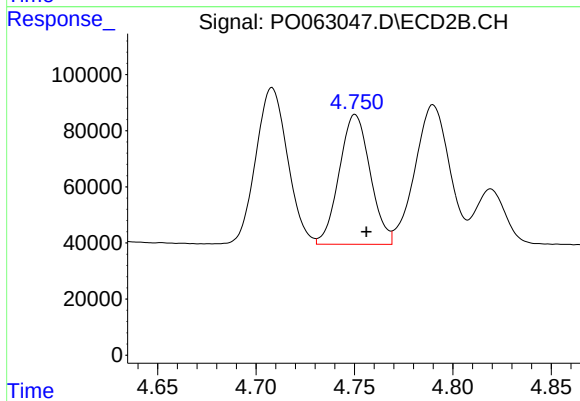
#5 AR-1016-3

R.T.: 4.708 min
Delta R.T.: -0.006 min
Response: 625113
Conc: 505.73 ng/ml



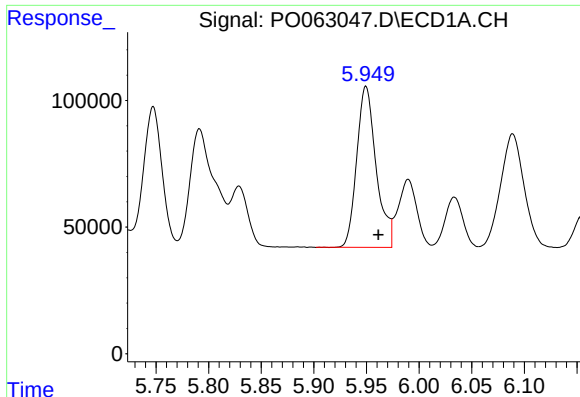
#6 AR-1016-4

R.T.: 5.657 min
Delta R.T.: -0.011 min
Response: 840253
Conc: 495.75 ng/ml



#6 AR-1016-4

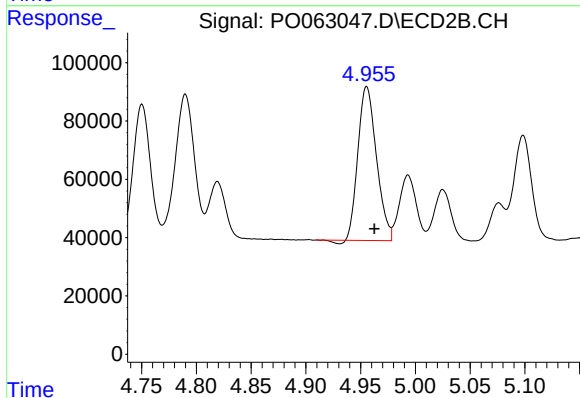
R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 507241
Conc: 516.17 ng/ml



#7 AR-1016-5

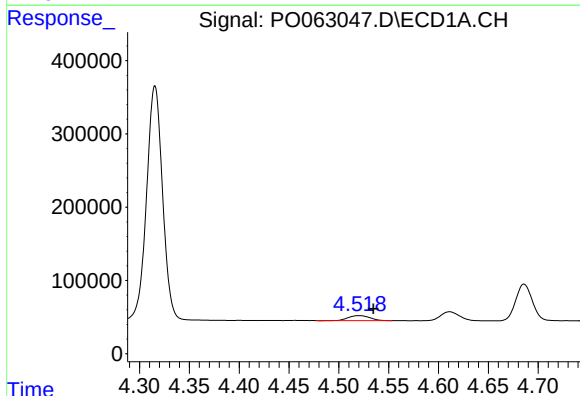
R.T.: 5.950 min
Delta R.T.: -0.012 min
Response: 815377
Conc: 458.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



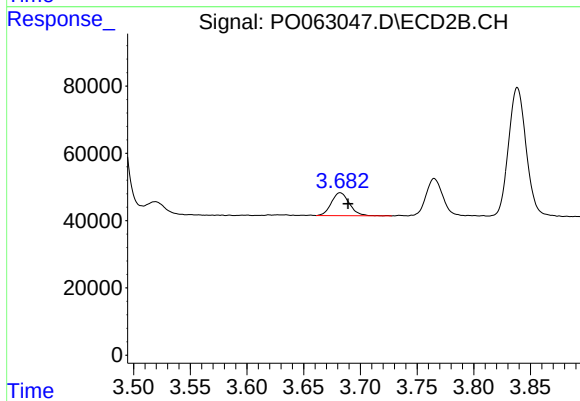
#7 AR-1016-5

R.T.: 4.956 min
Delta R.T.: -0.007 min
Response: 617518
Conc: 478.86 ng/ml



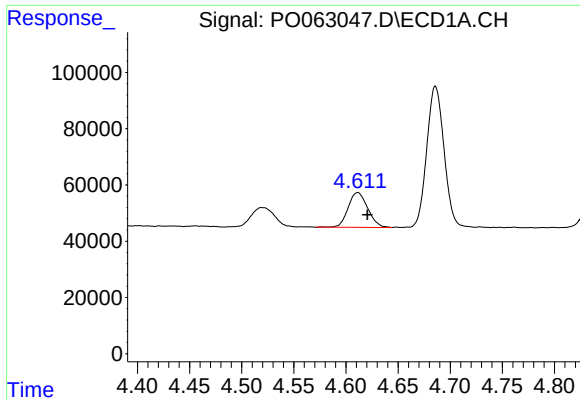
#8 AR-1221-1

R.T.: 4.520 min
Delta R.T.: -0.015 min
Response: 105205
Conc: 151.18 ng/ml



#8 AR-1221-1

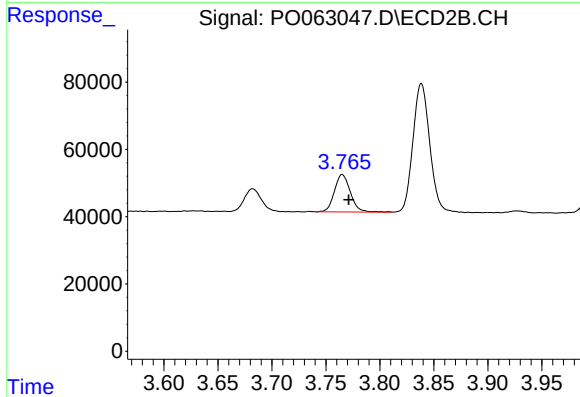
R.T.: 3.682 min
Delta R.T.: -0.007 min
Response: 74489
Conc: 146.50 ng/ml



#9 AR-1221-2

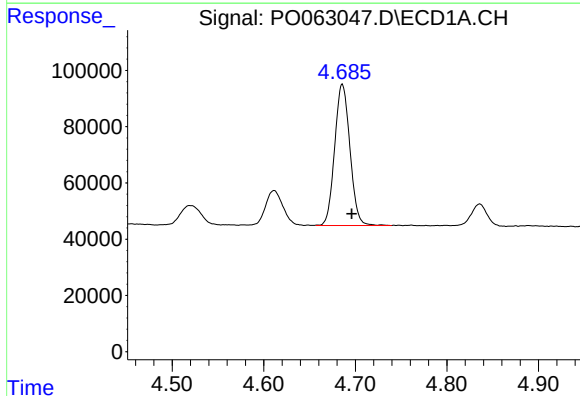
R.T.: 4.611 min
Delta R.T.: -0.009 min
Response: 160966
Conc: 308.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



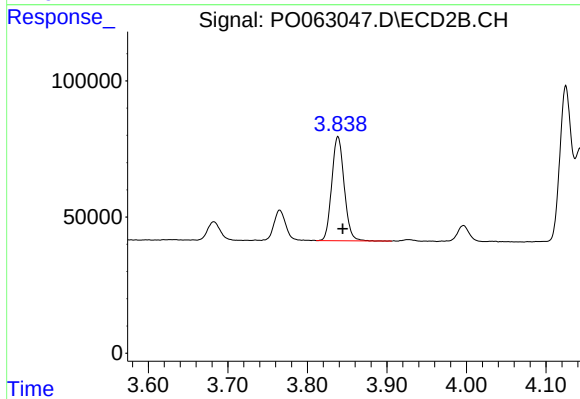
#9 AR-1221-2

R.T.: 3.765 min
Delta R.T.: -0.006 min
Response: 114432
Conc: 297.81 ng/ml



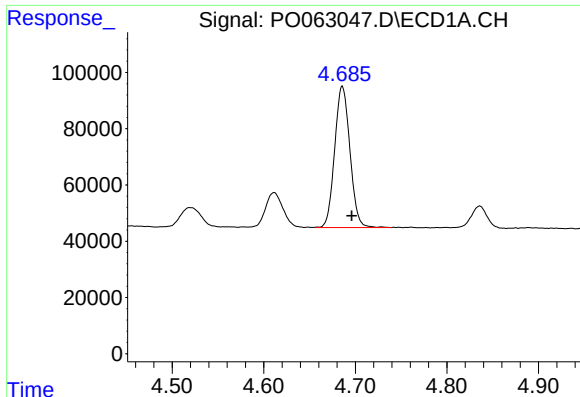
#10 AR-1221-3

R.T.: 4.686 min
Delta R.T.: -0.010 min
Response: 581211
Conc: 356.00 ng/ml



#10 AR-1221-3

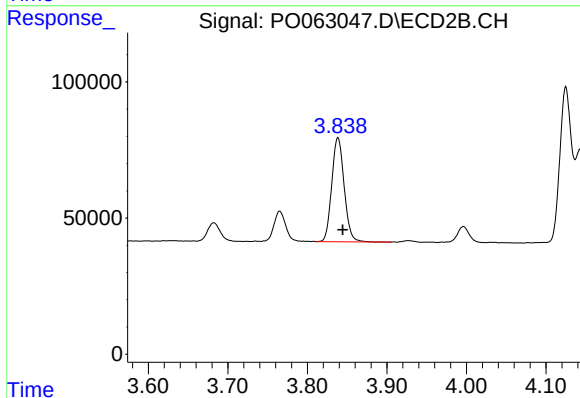
R.T.: 3.838 min
Delta R.T.: -0.006 min
Response: 415101
Conc: 352.74 ng/ml



#11 AR-1232-1

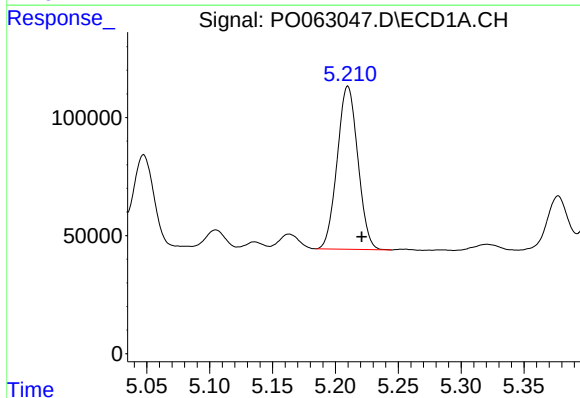
R.T.: 4.686 min
Delta R.T.: -0.010 min
Response: 581211
Conc: 266.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



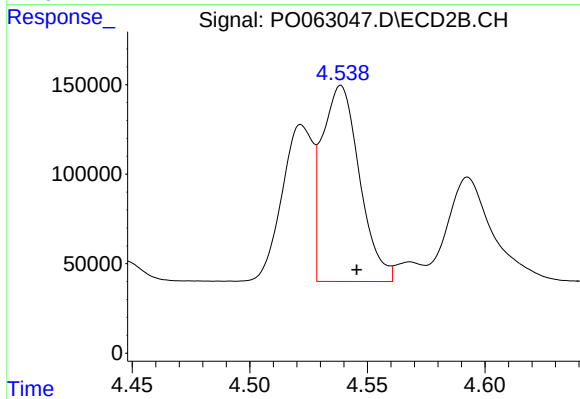
#11 AR-1232-1

R.T.: 3.838 min
Delta R.T.: -0.006 min
Response: 415101
Conc: 267.89 ng/ml



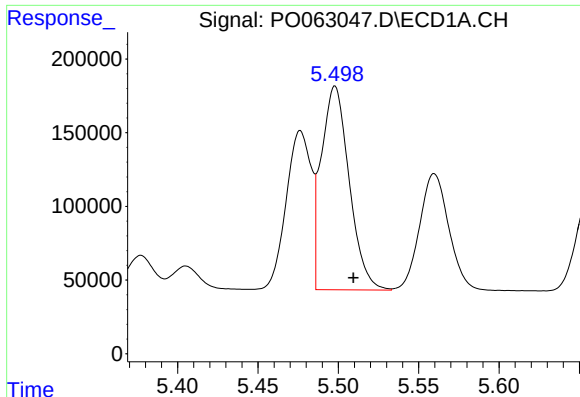
#12 AR-1232-2

R.T.: 5.210 min
Delta R.T.: -0.011 min
Response: 789038
Conc: 661.33 ng/ml



#12 AR-1232-2

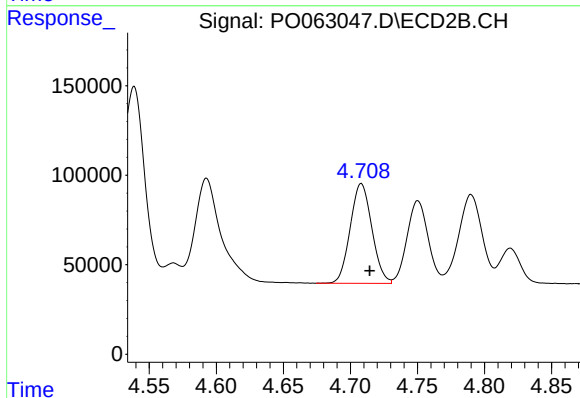
R.T.: 4.539 min
Delta R.T.: -0.007 min
Response: 1209798
Conc: 700.74 ng/ml



#13 AR-1232-3

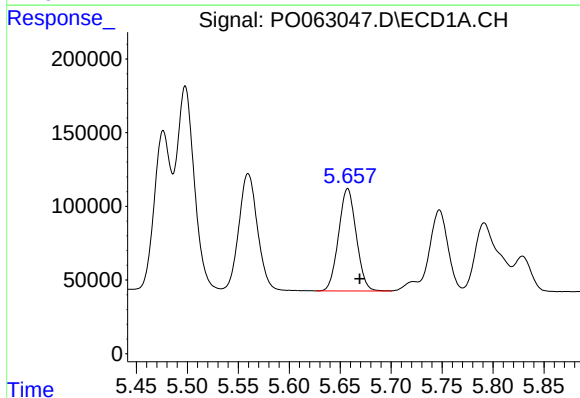
R.T.: 5.498 min
Delta R.T.: -0.011 min
Response: 1673704
Conc: 654.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



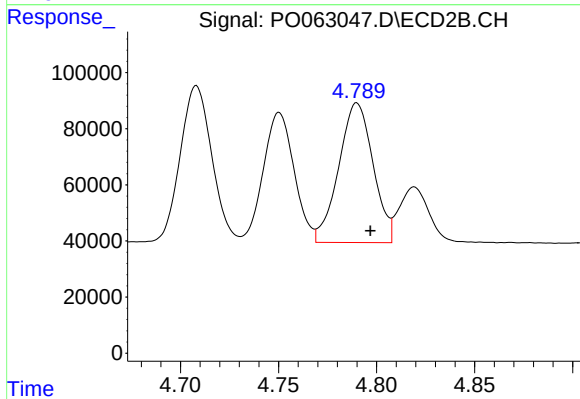
#13 AR-1232-3

R.T.: 4.708 min
Delta R.T.: -0.006 min
Response: 625113
Conc: 683.91 ng/ml



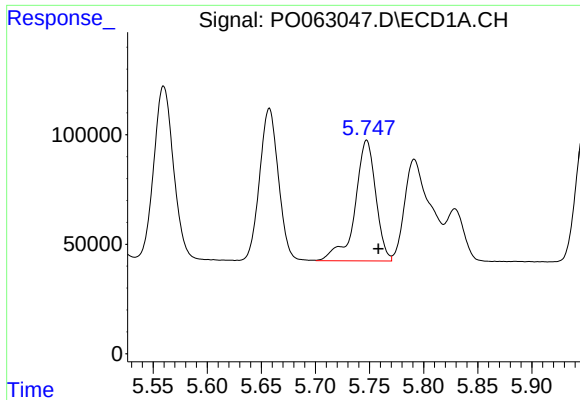
#14 AR-1232-4

R.T.: 5.657 min
Delta R.T.: -0.012 min
Response: 840253
Conc: 653.65 ng/ml



#14 AR-1232-4

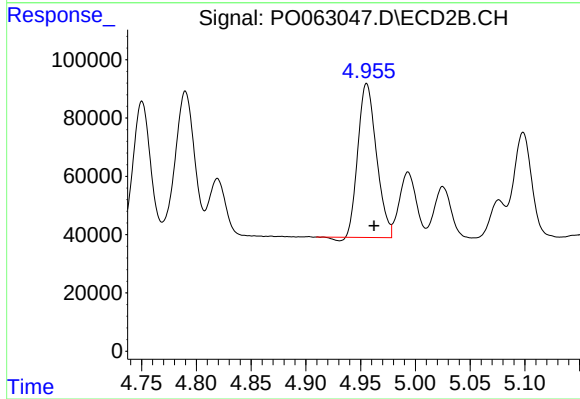
R.T.: 4.790 min
Delta R.T.: -0.007 min
Response: 607591
Conc: 746.86 ng/ml



#15 AR-1232-5

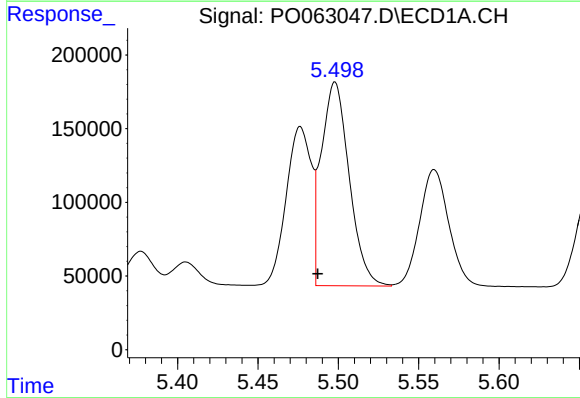
R.T.: 5.747 min
Delta R.T.: -0.011 min
Response: 737474
Conc: 745.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



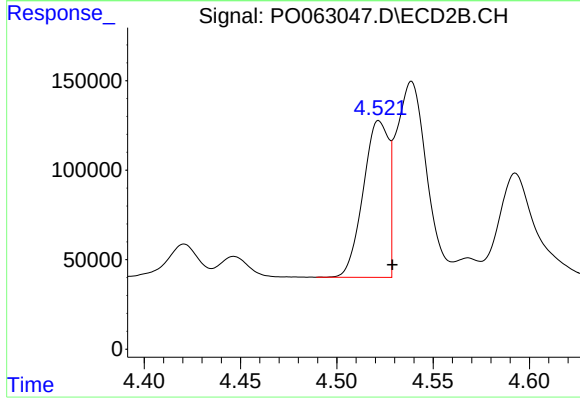
#15 AR-1232-5

R.T.: 4.956 min
Delta R.T.: -0.007 min
Response: 617518
Conc: 699.21 ng/ml



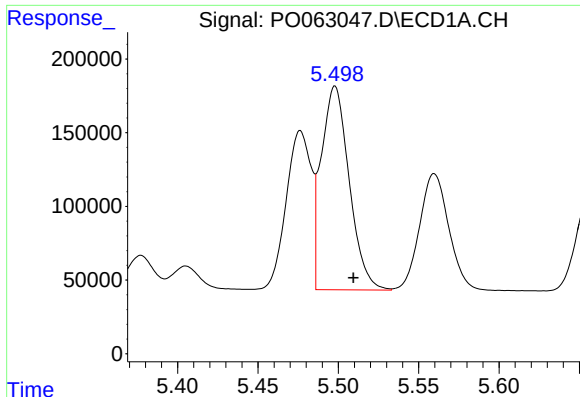
#16 AR-1242-1

R.T.: 5.498 min
Delta R.T.: 0.011 min
Response: 1673704
Conc: 903.24 ng/ml



#16 AR-1242-1

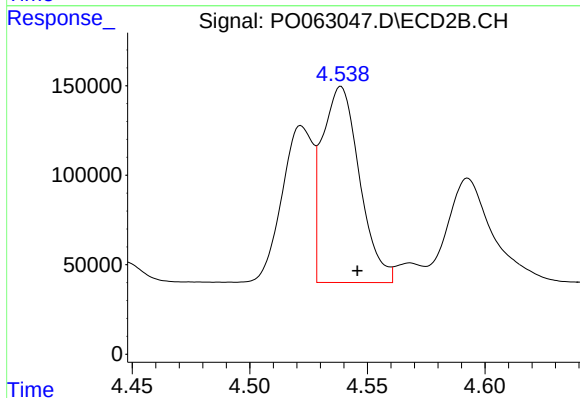
R.T.: 4.522 min
Delta R.T.: -0.007 min
Response: 800810
Conc: 665.87 ng/ml



#17 AR-1242-2

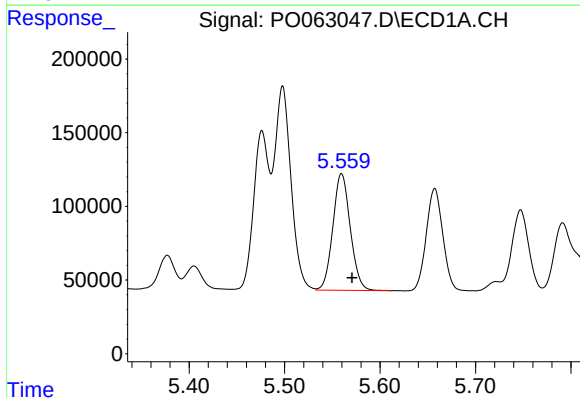
R.T.: 5.498 min
Delta R.T.: -0.011 min
Response: 1673704
Conc: 630.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



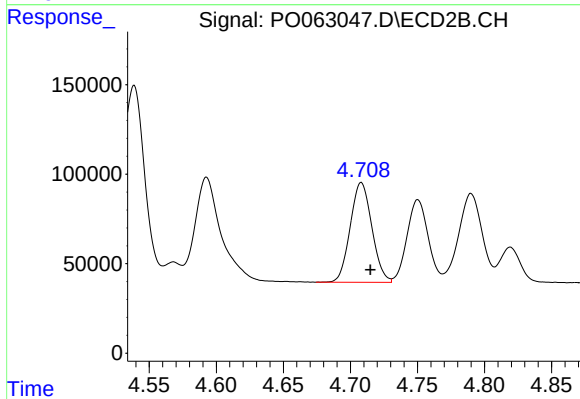
#17 AR-1242-2

R.T.: 4.539 min
Delta R.T.: -0.007 min
Response: 1209798
Conc: 679.19 ng/ml



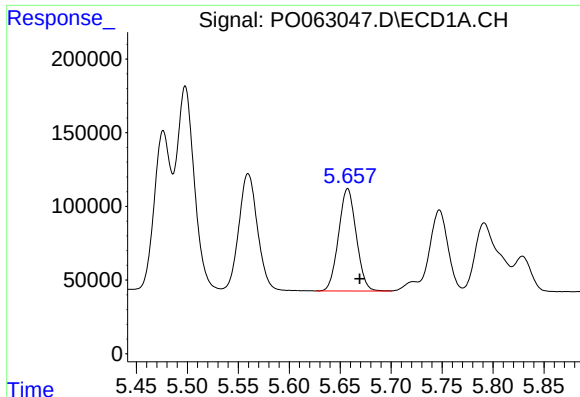
#18 AR-1242-3

R.T.: 5.560 min
Delta R.T.: -0.011 min
Response: 1005627
Conc: 615.77 ng/ml



#18 AR-1242-3

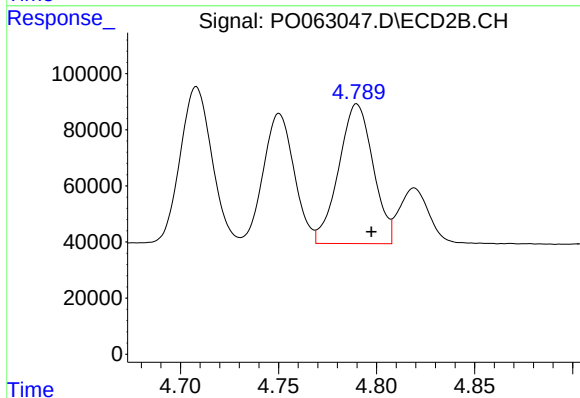
R.T.: 4.708 min
Delta R.T.: -0.007 min
Response: 625113
Conc: 656.61 ng/ml



#19 AR-1242-4

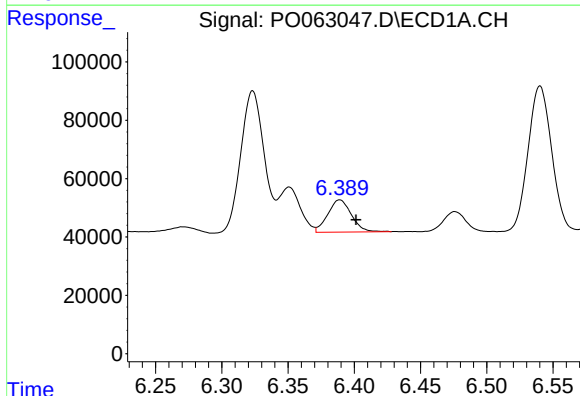
R.T.: 5.657 min
Delta R.T.: -0.012 min
Response: 840253
Conc: 622.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



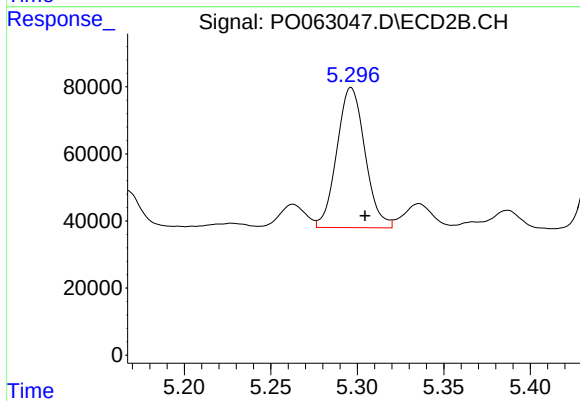
#19 AR-1242-4

R.T.: 4.790 min
Delta R.T.: -0.007 min
Response: 607591
Conc: 643.61 ng/ml



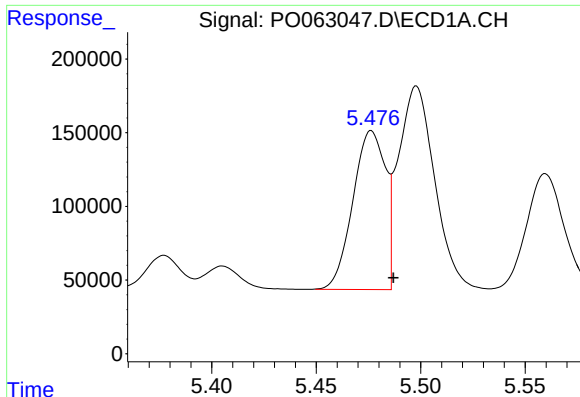
#20 AR-1242-5

R.T.: 6.389 min
Delta R.T.: -0.012 min
Response: 137048
Conc: 89.67 ng/ml



#20 AR-1242-5

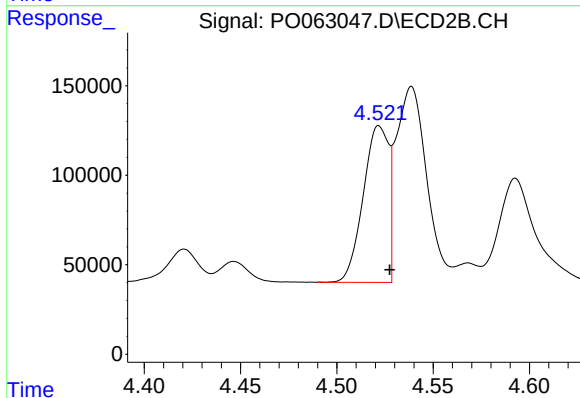
R.T.: 5.296 min
Delta R.T.: -0.008 min
Response: 471188
Conc: 394.87 ng/ml



#21 AR-1248-1

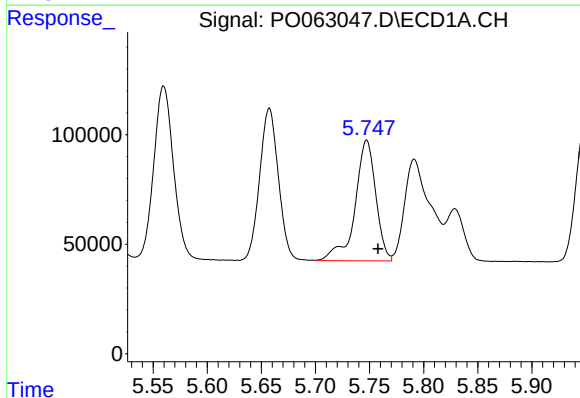
R.T.: 5.476 min
Delta R.T.: -0.011 min
Response: 1167581
Conc: 814.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



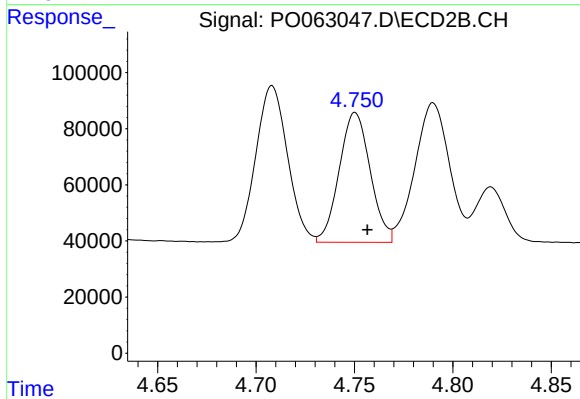
#21 AR-1248-1

R.T.: 4.522 min
Delta R.T.: -0.006 min
Response: 800810
Conc: 815.70 ng/ml



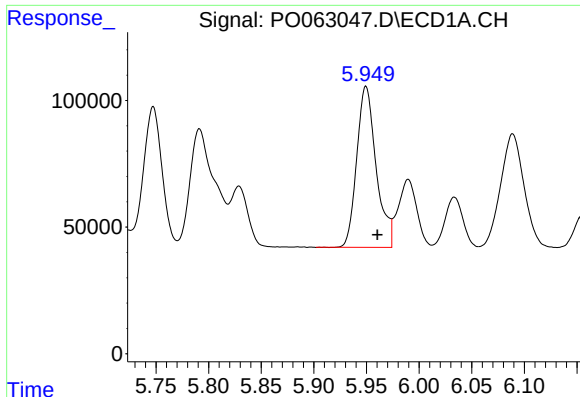
#22 AR-1248-2

R.T.: 5.747 min
Delta R.T.: -0.011 min
Response: 737474
Conc: 368.34 ng/ml



#22 AR-1248-2

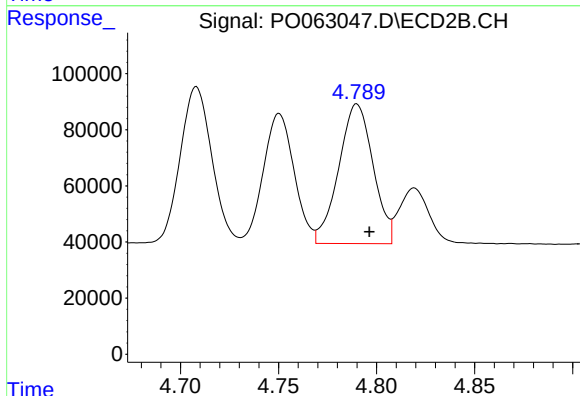
R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 507241
Conc: 400.38 ng/ml



#23 AR-1248-3

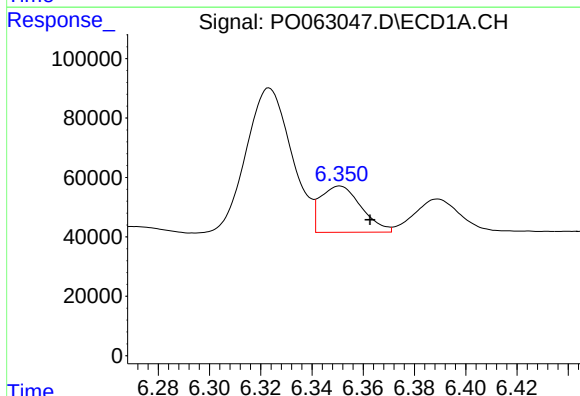
R.T.: 5.950 min
Delta R.T.: -0.011 min
Response: 815377
Conc: 369.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



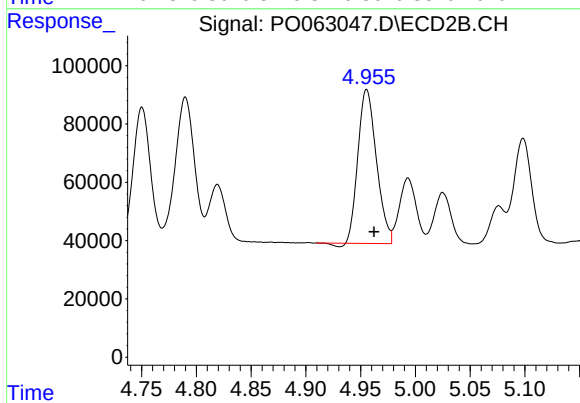
#23 AR-1248-3

R.T.: 4.790 min
Delta R.T.: -0.006 min
Response: 607591
Conc: 457.71 ng/ml



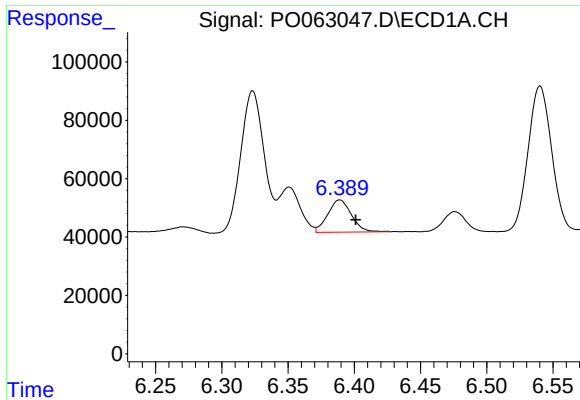
#24 AR-1248-4

R.T.: 6.351 min
Delta R.T.: -0.012 min
Response: 172502
Conc: 67.52 ng/ml



#24 AR-1248-4

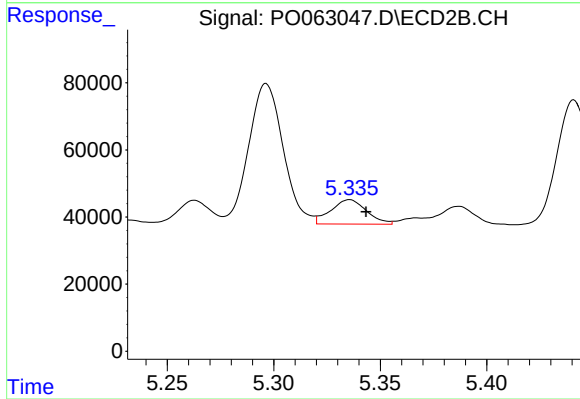
R.T.: 4.956 min
Delta R.T.: -0.007 min
Response: 617518
Conc: 390.25 ng/ml



#25 AR-1248-5

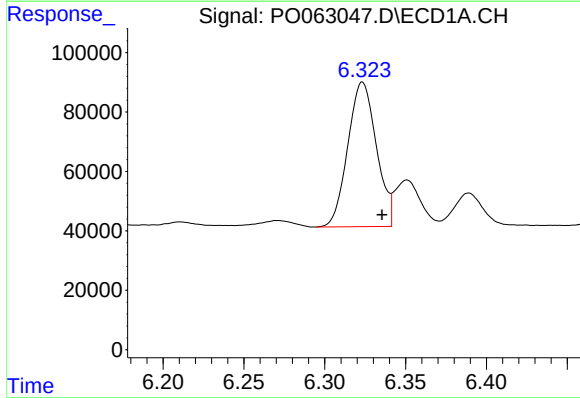
R.T.: 6.389 min
Delta R.T.: -0.012 min
Response: 137048
Conc: 56.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



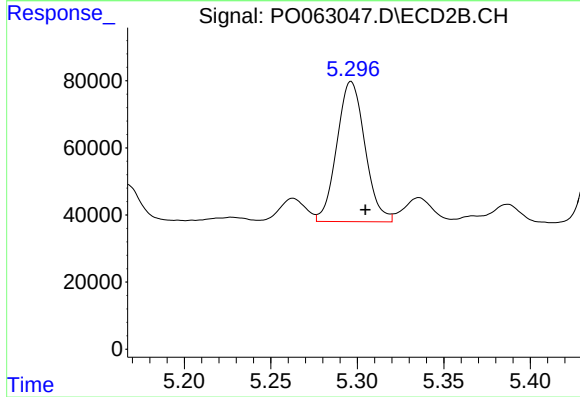
#25 AR-1248-5

R.T.: 5.336 min
Delta R.T.: -0.008 min
Response: 85190
Conc: 55.35 ng/ml



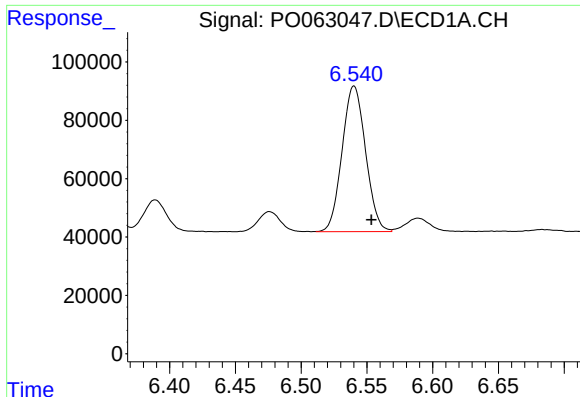
#26 AR-1254-1

R.T.: 6.323 min
Delta R.T.: -0.012 min
Response: 598750
Conc: 224.62 ng/ml



#26 AR-1254-1

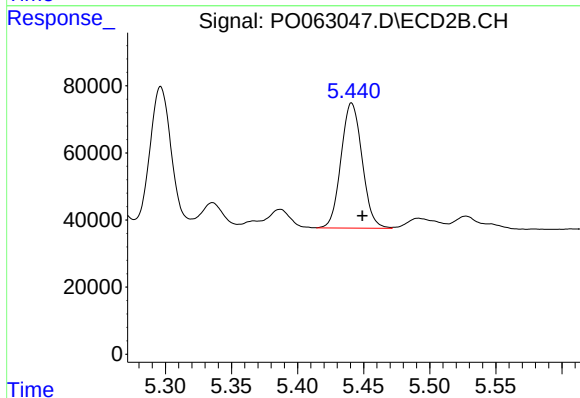
R.T.: 5.296 min
Delta R.T.: -0.008 min
Response: 471188
Conc: 192.65 ng/ml



#27 AR-1254-2

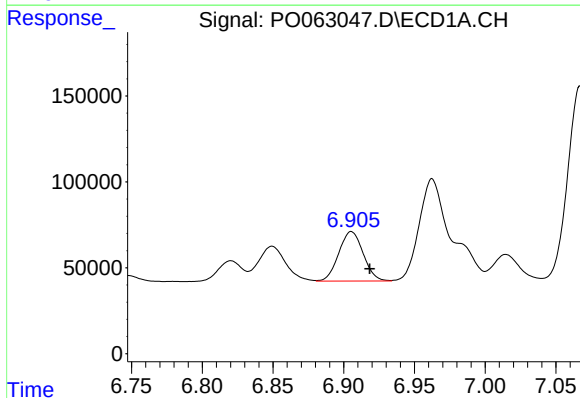
R.T.: 6.540 min
Delta R.T.: -0.013 min
Response: 619705
Conc: 151.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



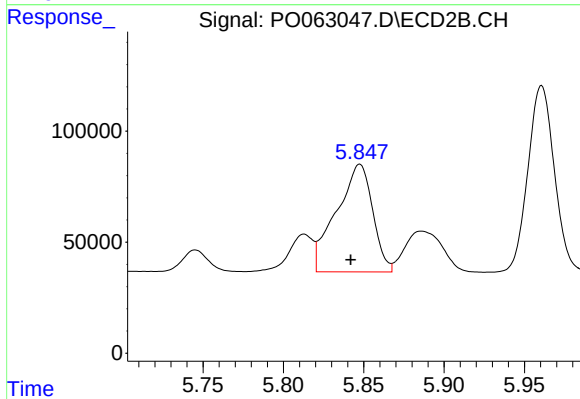
#27 AR-1254-2

R.T.: 5.441 min
Delta R.T.: -0.008 min
Response: 413663
Conc: 195.32 ng/ml



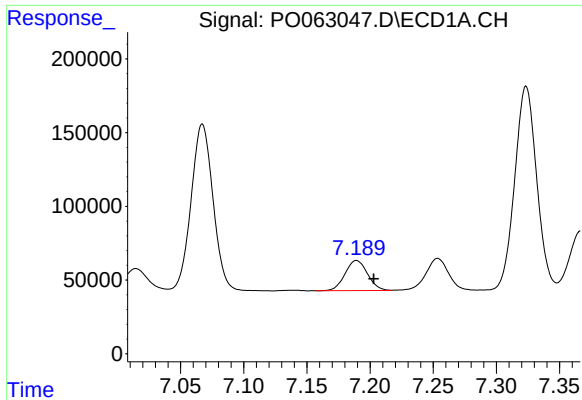
#28 AR-1254-3

R.T.: 6.905 min
Delta R.T.: -0.013 min
Response: 346930
Conc: 82.92 ng/ml



#28 AR-1254-3

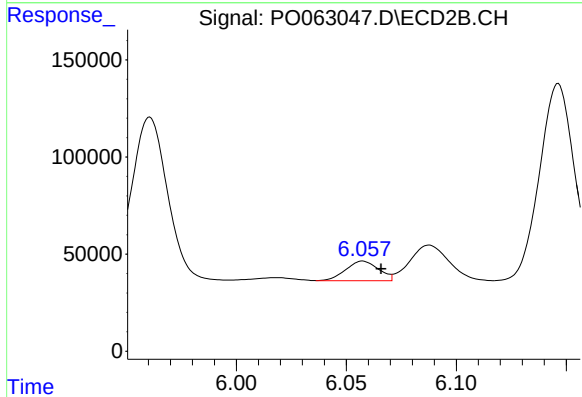
R.T.: 5.848 min
Delta R.T.: 0.006 min
Response: 761132
Conc: 233.61 ng/ml



#29 AR-1254-4

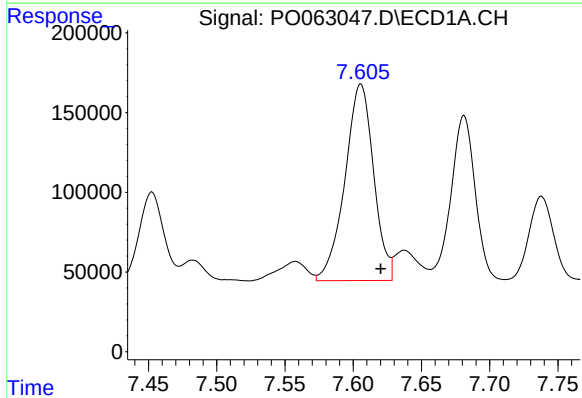
R.T.: 7.189 min
Delta R.T.: -0.014 min
Response: 253473
Conc: 84.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



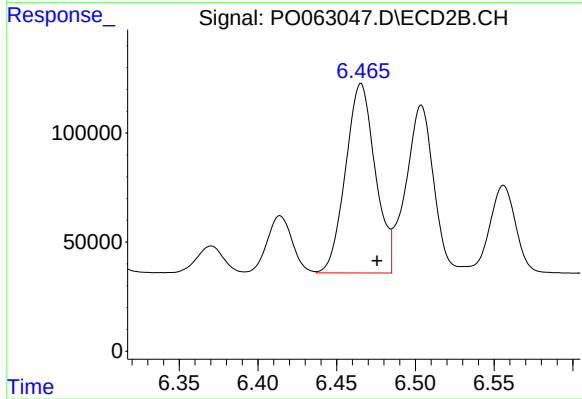
#29 AR-1254-4

R.T.: 6.057 min
Delta R.T.: -0.008 min
Response: 104862
Conc: 54.29 ng/ml



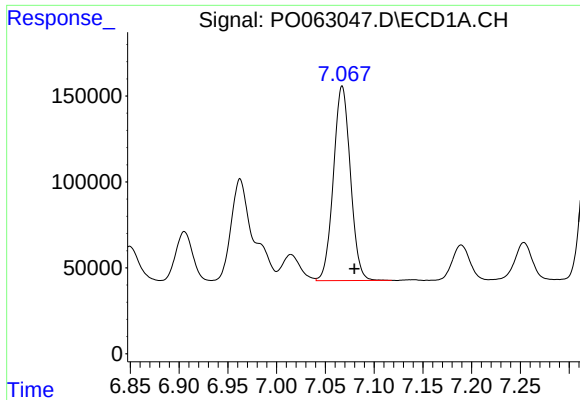
#30 AR-1254-5

R.T.: 7.606 min
Delta R.T.: -0.015 min
Response: 1804820
Conc: 575.90 ng/ml



#30 AR-1254-5

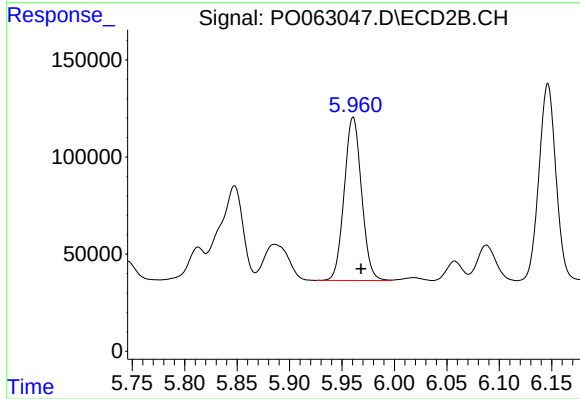
R.T.: 6.465 min
Delta R.T.: -0.010 min
Response: 1138761
Conc: 431.15 ng/ml



#31 AR-1260-1

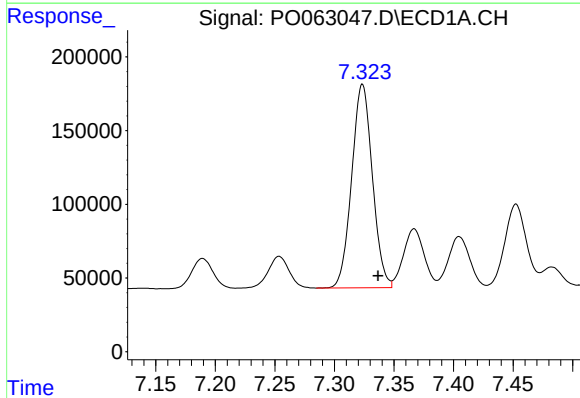
R.T.: 7.067 min
Delta R.T.: -0.013 min
Response: 1372686
Conc: 482.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



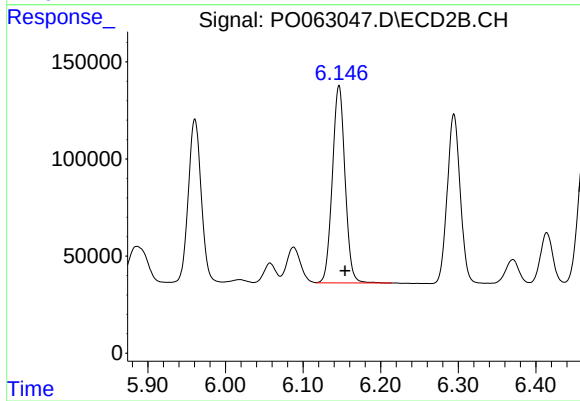
#31 AR-1260-1

R.T.: 5.961 min
Delta R.T.: -0.007 min
Response: 968053
Conc: 455.61 ng/ml



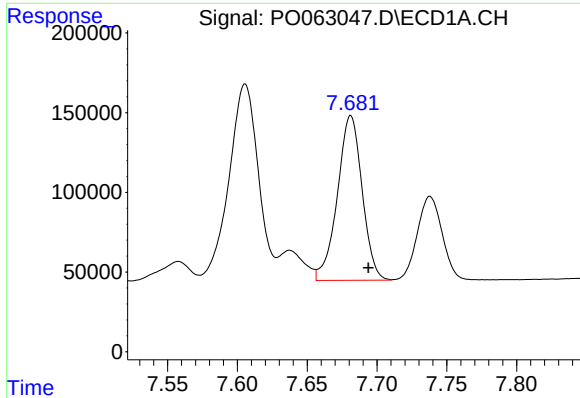
#32 AR-1260-2

R.T.: 7.324 min
Delta R.T.: -0.013 min
Response: 1670066
Conc: 486.82 ng/ml



#32 AR-1260-2

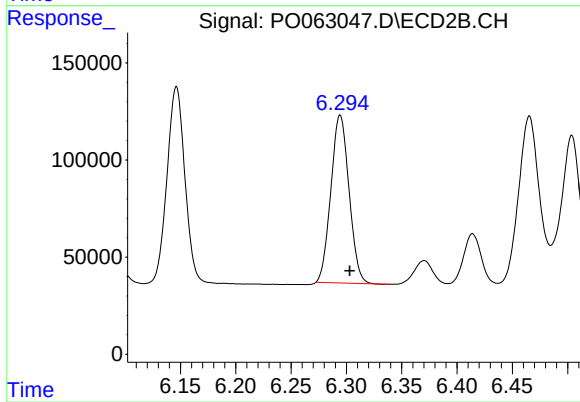
R.T.: 6.146 min
Delta R.T.: -0.007 min
Response: 1153092
Conc: 454.40 ng/ml



#33 AR-1260-3

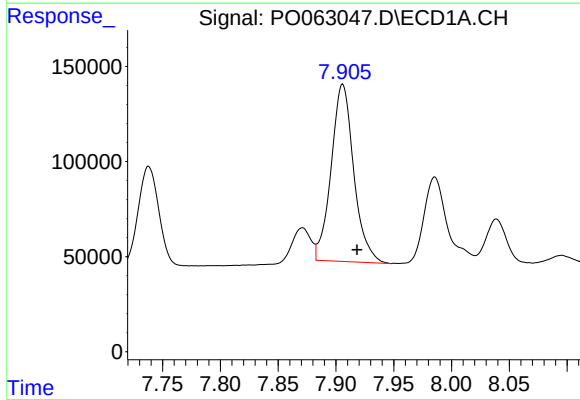
R.T.: 7.681 min
Delta R.T.: -0.013 min
Response: 1274877
Conc: 481.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



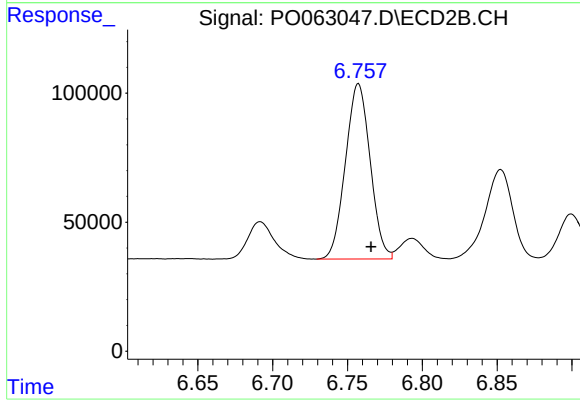
#33 AR-1260-3

R.T.: 6.294 min
Delta R.T.: -0.009 min
Response: 987737
Conc: 437.42 ng/ml



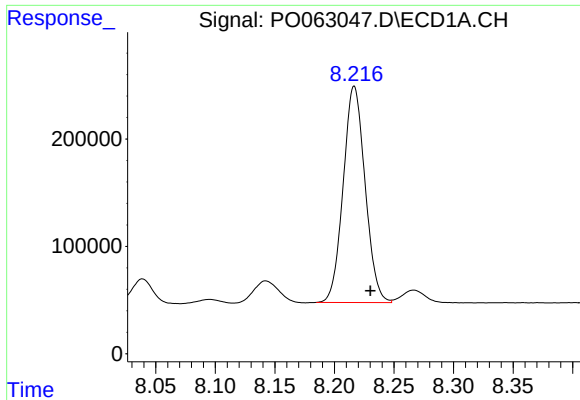
#34 AR-1260-4

R.T.: 7.906 min
Delta R.T.: -0.012 min
Response: 1269619
Conc: 453.91 ng/ml



#34 AR-1260-4

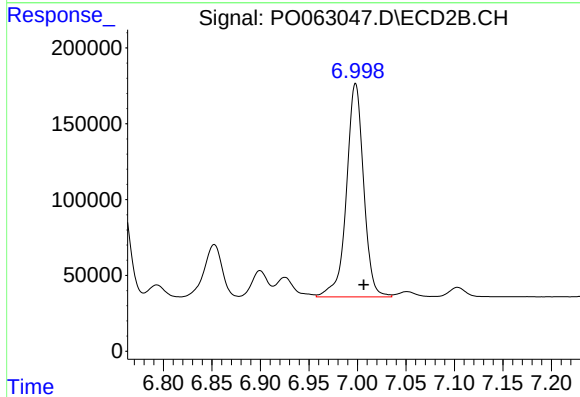
R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 781867
Conc: 445.29 ng/ml



#35 AR-1260-5

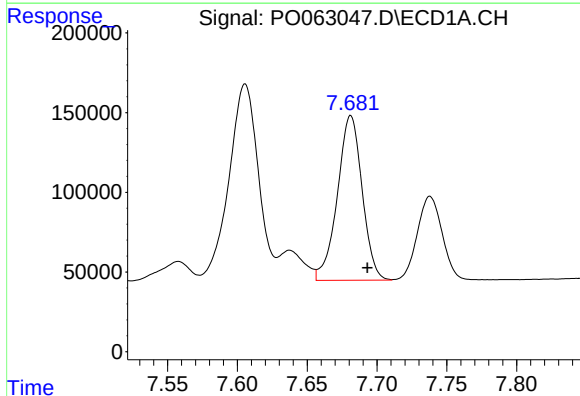
R.T.: 8.217 min
Delta R.T.: -0.014 min
Response: 2577602
Conc: 492.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



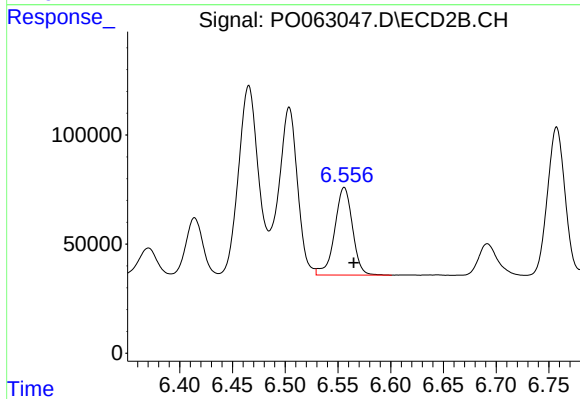
#35 AR-1260-5

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 1735555
Conc: 481.77 ng/ml



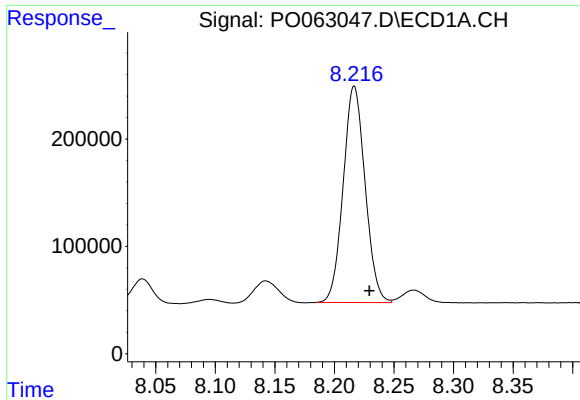
#36 AR-1262-1

R.T.: 7.681 min
Delta R.T.: -0.012 min
Response: 1274877
Conc: 310.58 ng/ml



#36 AR-1262-1

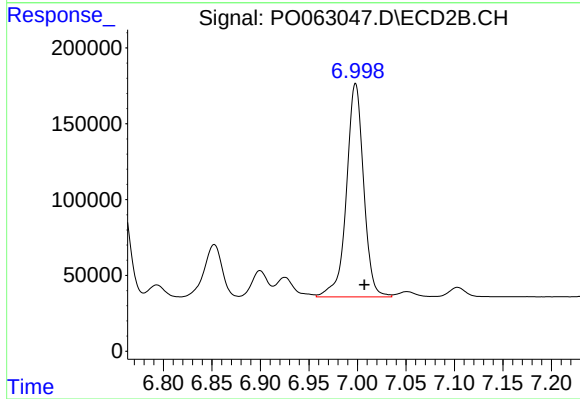
R.T.: 6.556 min
Delta R.T.: -0.009 min
Response: 472821
Conc: 396.74 ng/ml



#37 AR-1262-2

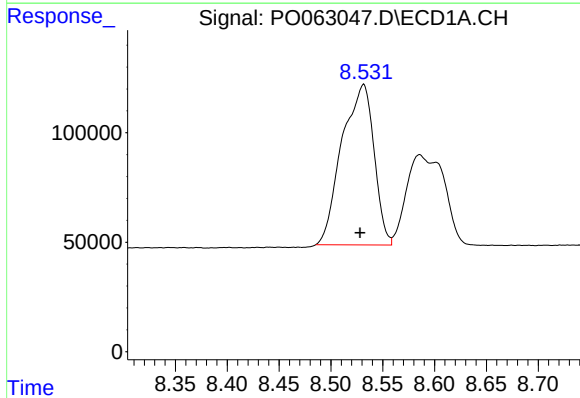
R.T.: 8.217 min
Delta R.T.: -0.013 min
Response: 2577602
Conc: 399.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



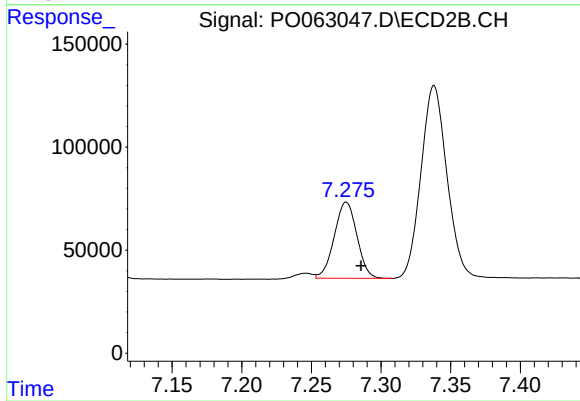
#37 AR-1262-2

R.T.: 6.998 min
Delta R.T.: -0.009 min
Response: 1735555
Conc: 413.05 ng/ml



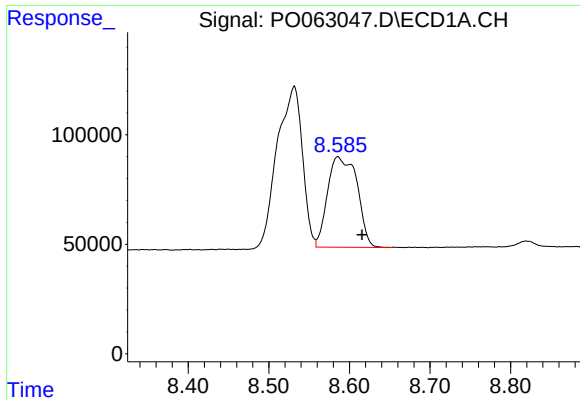
#38 AR-1262-3

R.T.: 8.532 min
Delta R.T.: 0.003 min
Response: 1579648
Conc: 359.23 ng/ml



#38 AR-1262-3

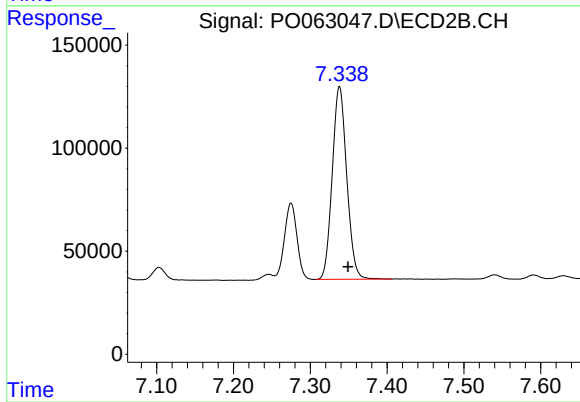
R.T.: 7.275 min
Delta R.T.: -0.011 min
Response: 418527
Conc: 237.96 ng/ml



#39 AR-1262-4

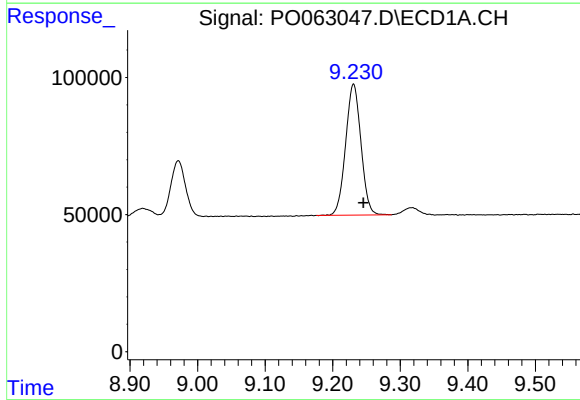
R.T.: 8.586 min
Delta R.T.: -0.030 min
Response: 1051292
Conc: 304.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



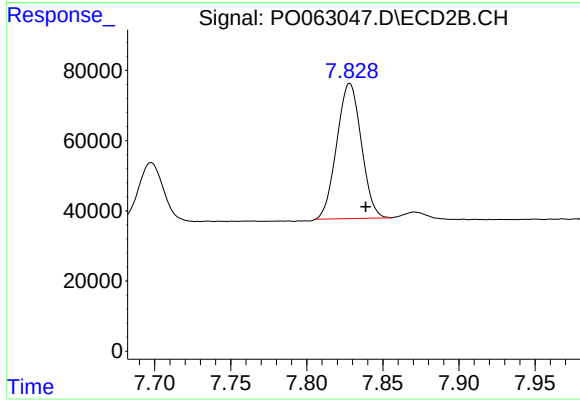
#39 AR-1262-4

R.T.: 7.338 min
Delta R.T.: -0.011 min
Response: 1216856
Conc: 398.04 ng/ml



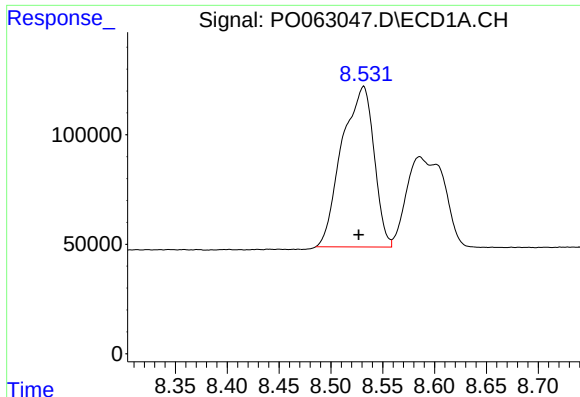
#40 AR-1262-5

R.T.: 9.231 min
Delta R.T.: -0.015 min
Response: 753591
Conc: 333.64 ng/ml



#40 AR-1262-5

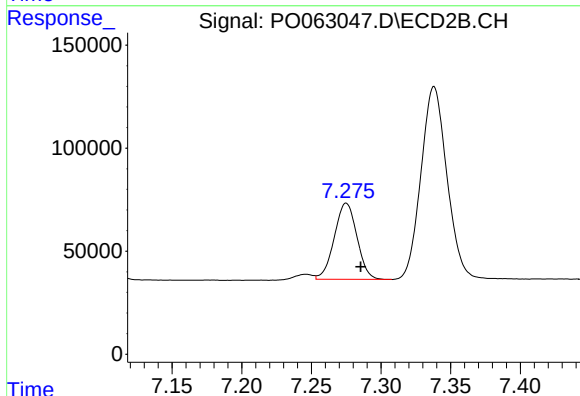
R.T.: 7.828 min
Delta R.T.: -0.011 min
Response: 432675
Conc: 331.29 ng/ml



#41 AR-1268-1

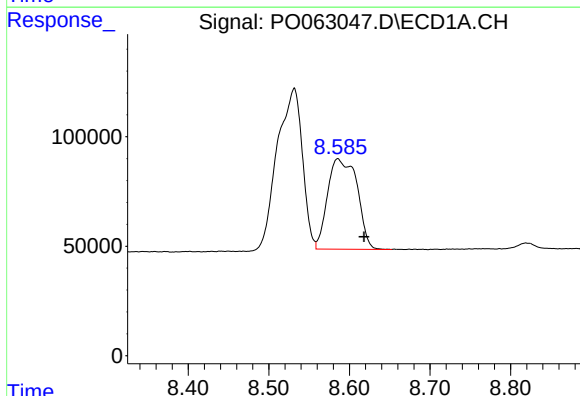
R.T.: 8.532 min
Delta R.T.: 0.005 min
Response: 1579648
Conc: 208.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



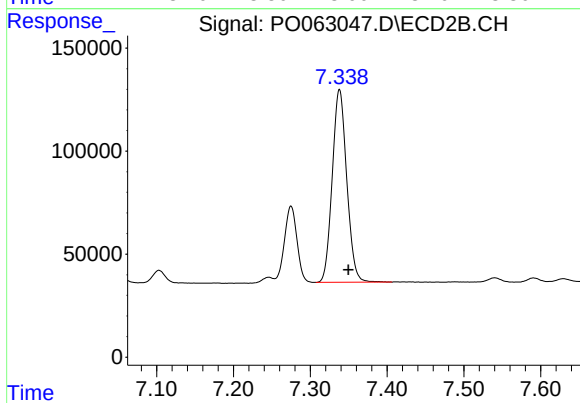
#41 AR-1268-1

R.T.: 7.275 min
Delta R.T.: -0.010 min
Response: 418527
Conc: 89.37 ng/ml



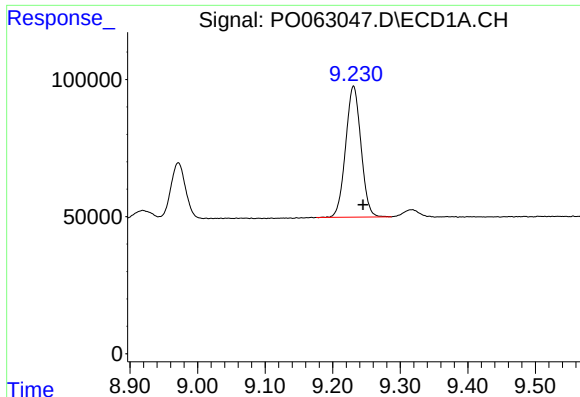
#42 AR-1268-2

R.T.: 8.586 min
Delta R.T.: -0.033 min
Response: 1051292
Conc: 149.65 ng/ml



#42 AR-1268-2

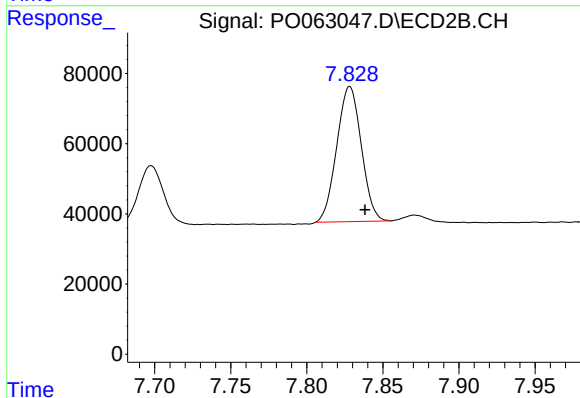
R.T.: 7.338 min
Delta R.T.: -0.012 min
Response: 1216856
Conc: 291.27 ng/ml



#44 AR-1268-4

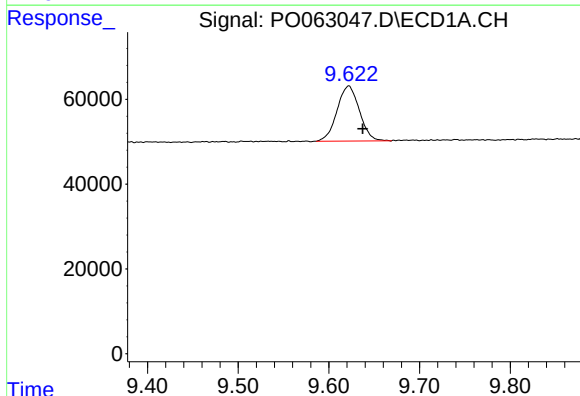
R.T.: 9.231 min
Delta R.T.: -0.014 min
Response: 753591
Conc: 317.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



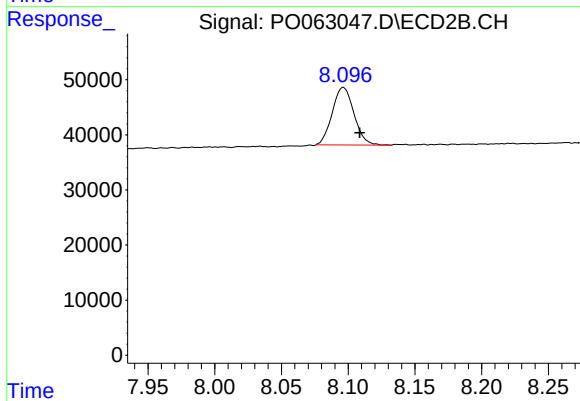
#44 AR-1268-4

R.T.: 7.828 min
Delta R.T.: -0.010 min
Response: 432675
Conc: 303.66 ng/ml



#45 AR-1268-5

R.T.: 9.622 min
Delta R.T.: -0.015 min
Response: 222708
Conc: 12.36 ng/ml



#45 AR-1268-5

R.T.: 8.096 min
Delta R.T.: -0.012 min
Response: 118346
Conc: 12.78 ng/ml