

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112420\
 Data File : PO073540.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Nov 2020 4:14
 Operator : DD\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: Nov 25 10:41:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 25 10:04:26 2020
 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...	4.945	4.006	4997338	2786292	59.741	56.831
2)	SA Decachlor...	10.970	9.273	3502123	1967707	42.475	42.916
Target Compounds							
3)	L1 AR-1016-1	6.267	5.254	50141	52256	15.226	25.651 #
4)	L1 AR-1016-2	6.294	5.254f	65222	52256	14.168	18.684 #
5)	L1 AR-1016-3	6.358	0.000	28743	0	10.497	N.D. #
6)	L1 AR-1016-4	6.462	5.516	22984	663064	10.070	557.919 #
7)	L1 AR-1016-5	6.780	5.742	626196	403006	278.514	267.724
9)	L2 AR-1221-2	5.298	4.356	61447	40952	87.366	101.307
10)	L2 AR-1221-3	5.381	0.000	19317	0	8.615	N.D. #
11)	L3 AR-1232-1	5.381	0.000	19317	0	10.467	N.D. #
12)	L3 AR-1232-2	5.970	5.254f	28093	52256	29.521	43.722 #
13)	L3 AR-1232-3	6.294	0.000	65222	0	33.342	N.D. #
14)	L3 AR-1232-4	6.462	5.559	22984	198959	23.246	369.036 #
15)	L3 AR-1232-5	6.563	5.742	1062761	403006	1578.552	682.164 #
16)	L4 AR-1242-1	6.267	5.254	50141	52256	19.011	31.951 #
17)	L4 AR-1242-2	6.294	5.254f	65222	52256	17.842	23.103 #
18)	L4 AR-1242-3	6.358	0.000	28743	0	13.034	N.D. #
19)	L4 AR-1242-4	6.462	5.559	22984	198959	12.382	181.020 #
20)	L4 AR-1242-5	7.252	6.120	654459	1823754	311.149	1177.848 #
21)	L5 AR-1248-1	6.267	5.254	50141	52256	25.082	41.669 #
22)	L5 AR-1248-2	6.563	5.516	1062761	663064	411.093	392.082
23)	L5 AR-1248-3	6.780	5.559	626196	198959	204.335	116.590 #
24)	L5 AR-1248-4	7.211	5.742	960036	403006	257.363	196.044
25)	L5 AR-1248-5	7.252	6.162	654459	326874	182.914	147.205
26)	L6 AR-1254-1	7.180	6.120	1802822	1823754	521.298	585.699
27)	L6 AR-1254-2	7.410	6.279	2477375	1593775	454.735	583.799 #
28)	L6 AR-1254-3	7.793	6.696	2906503	2327640	512.859	550.370
29)	L6 AR-1254-4	8.090	6.934	2117504	1518997	437.672	526.142
30)	L6 AR-1254-5	8.519	7.361	2028437	1764931	426.110	477.891
31)	L7 AR-1260-1	7.960	6.834	1087631	1165742	269.533	433.881 #
32)	L7 AR-1260-2	8.226	7.029	1225776	890344	223.036	266.932
33)	L7 AR-1260-3	8.581	7.180	245507	835009	55.325	270.303 #
34)	L7 AR-1260-4	8.816	7.662	747059	86547	173.084	35.170 #
35)	L7 AR-1260-5	9.150	7.908	297047	212735	30.081	34.339
36)	L8 AR-1262-1	8.581	7.361	245507	1764931	39.323	910.725 #
37)	L8 AR-1262-2	9.150	7.908	297047	212735	27.460	32.447
38)	L8 AR-1262-3	9.485f	0.000	298334	0	40.645	N.D. #
39)	L8 AR-1262-4	9.533f	8.253	83396	189744	15.155	39.739 #
41)	L9 AR-1268-1	9.485f	0.000	298334	0	21.358	N.D. #
42)	L9 AR-1268-2	9.533f	8.253	83396	189744	6.865	25.979 #
45)	L9 AR-1268-5	10.631	0.000	544	0	0.017	N.D. #

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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

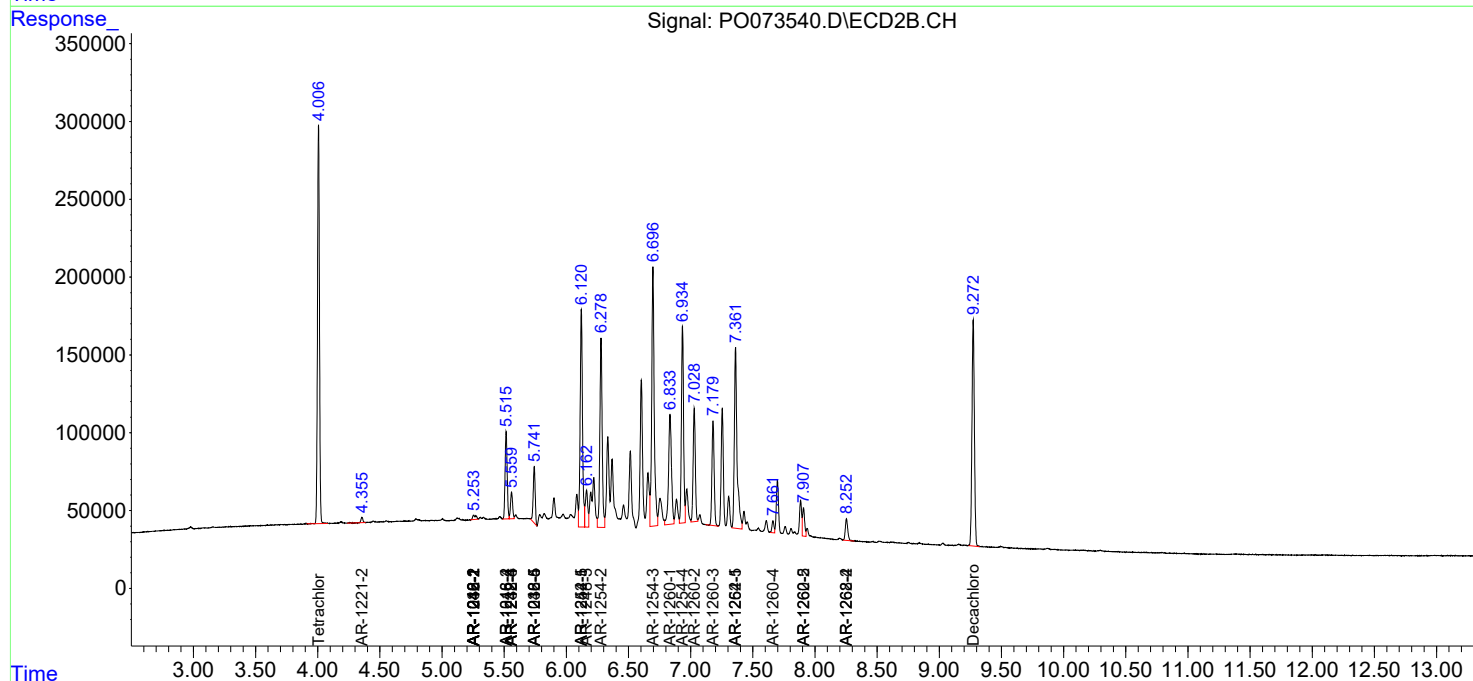
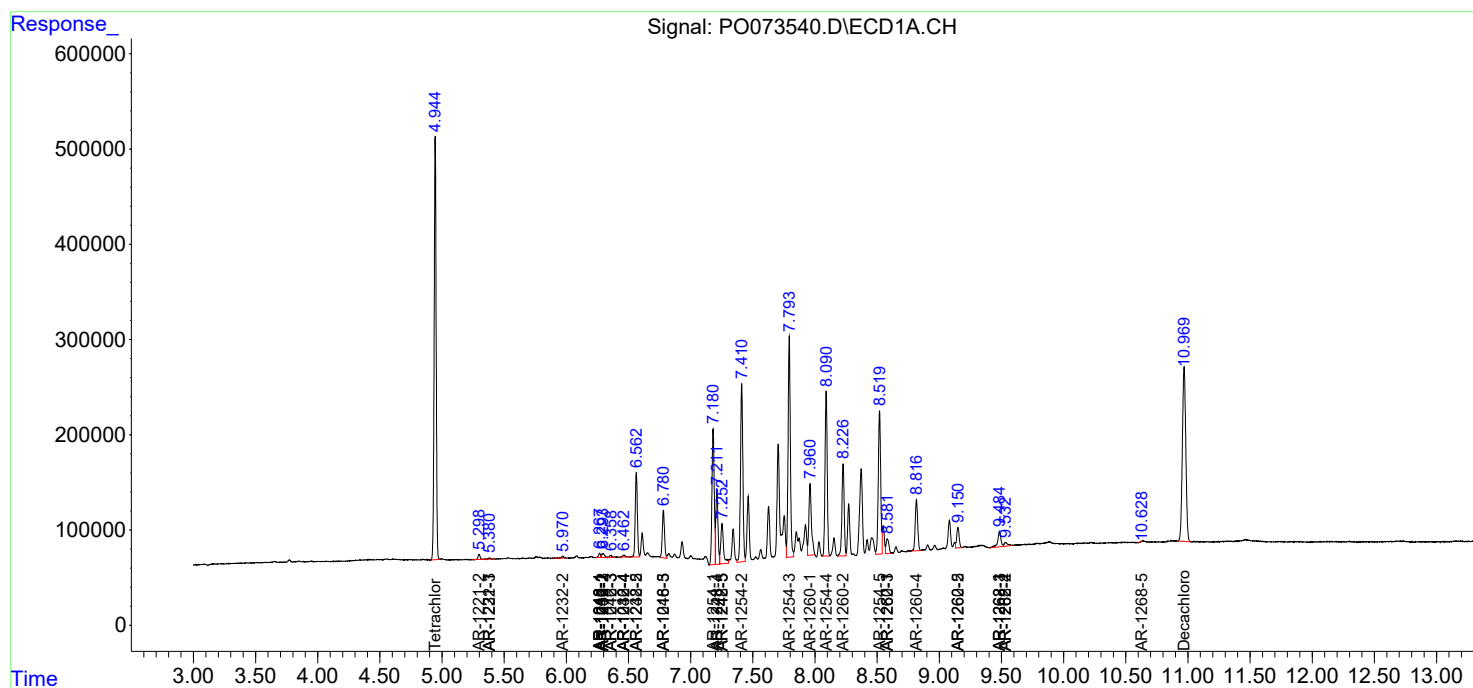
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

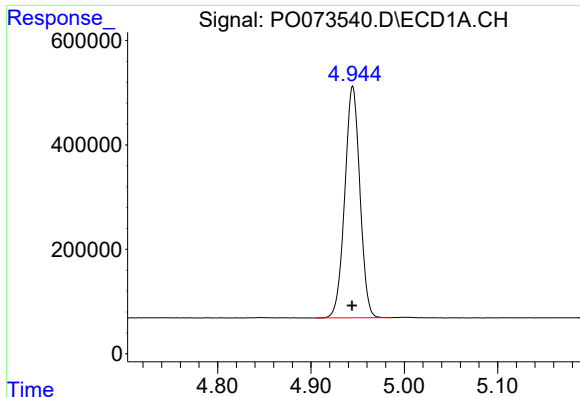
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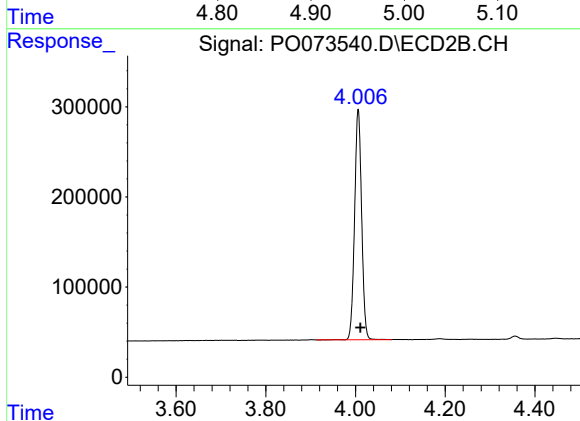




#1 Tetrachloro-m-xylene

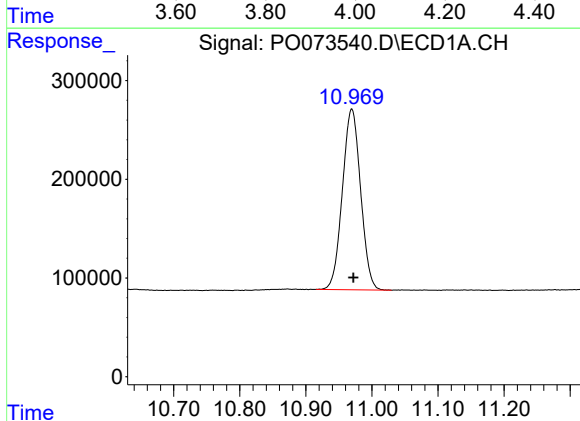
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 4997338
Conc: 59.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



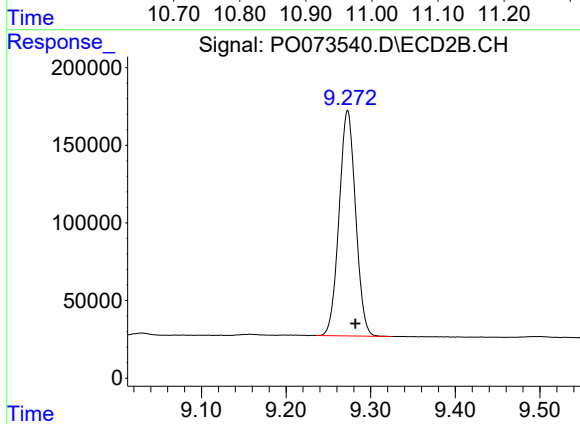
#1 Tetrachloro-m-xylene

R.T.: 4.006 min
Delta R.T.: -0.005 min
Response: 2786292
Conc: 56.83 ng/ml



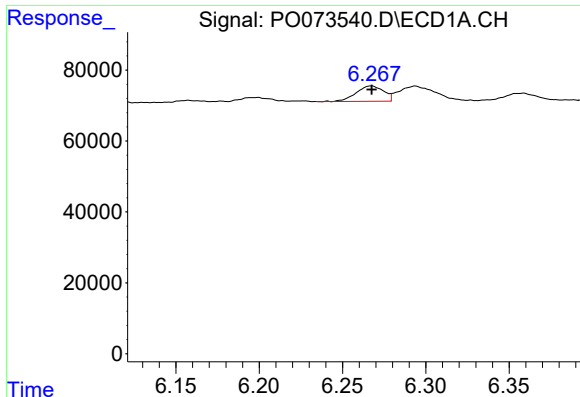
#2 Decachlorobiphenyl

R.T.: 10.970 min
Delta R.T.: -0.002 min
Response: 3502123
Conc: 42.48 ng/ml



#2 Decachlorobiphenyl

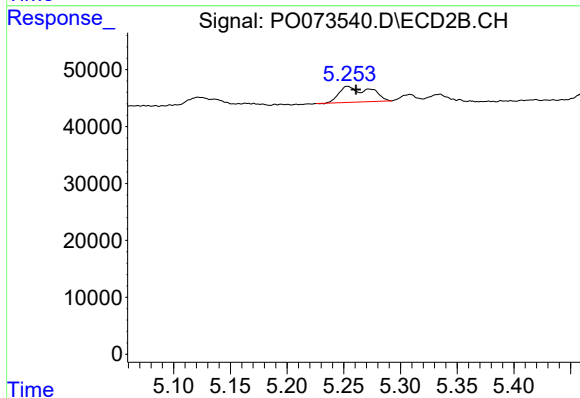
R.T.: 9.273 min
Delta R.T.: -0.009 min
Response: 1967707
Conc: 42.92 ng/ml



#3 AR-1016-1

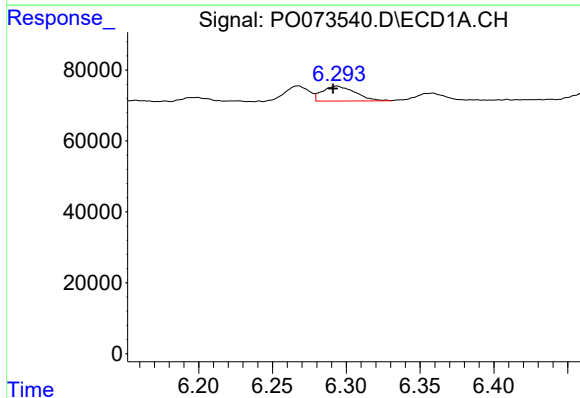
R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 50141
Conc: 15.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



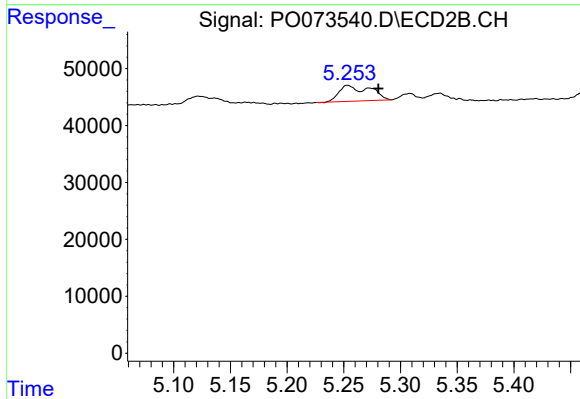
#3 AR-1016-1

R.T.: 5.254 min
Delta R.T.: -0.007 min
Response: 52256
Conc: 25.65 ng/ml



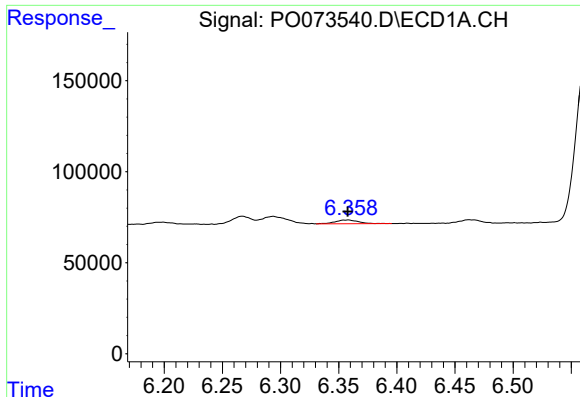
#4 AR-1016-2

R.T.: 6.294 min
Delta R.T.: 0.003 min
Response: 65222
Conc: 14.17 ng/ml



#4 AR-1016-2

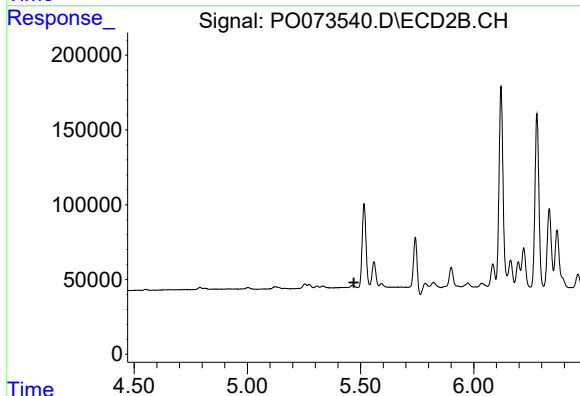
R.T.: 5.254 min
Delta R.T.: -0.027 min
Response: 52256
Conc: 18.68 ng/ml



#5 AR-1016-3

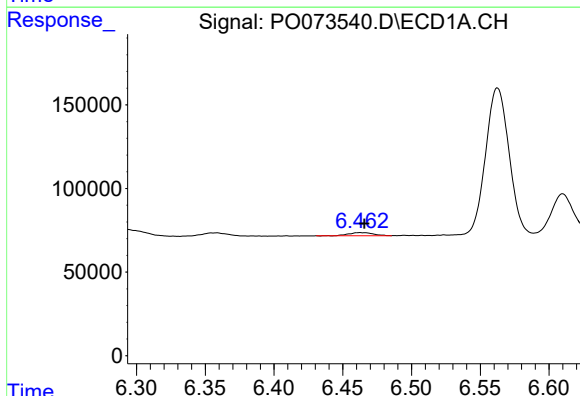
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 28743
Conc: 10.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



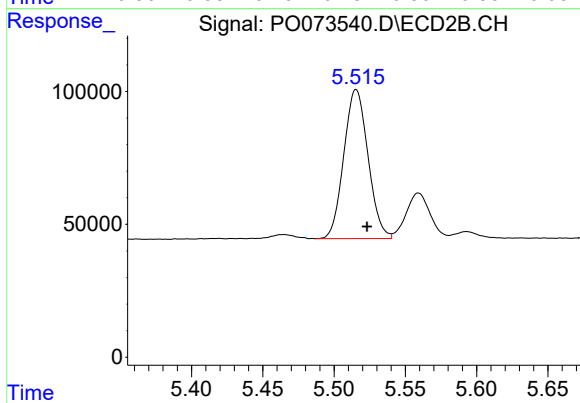
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.471 min
Response: 0
Conc: N.D.



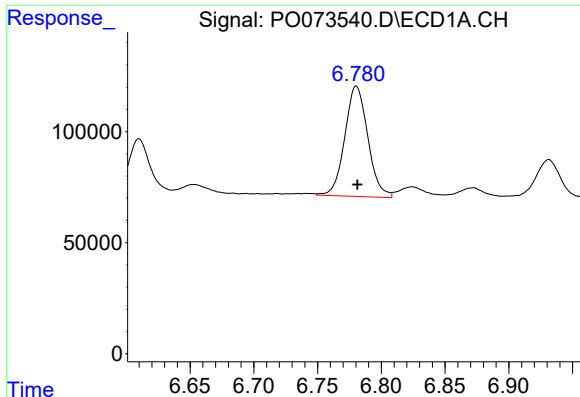
#6 AR-1016-4

R.T.: 6.462 min
Delta R.T.: -0.003 min
Response: 22984
Conc: 10.07 ng/ml



#6 AR-1016-4

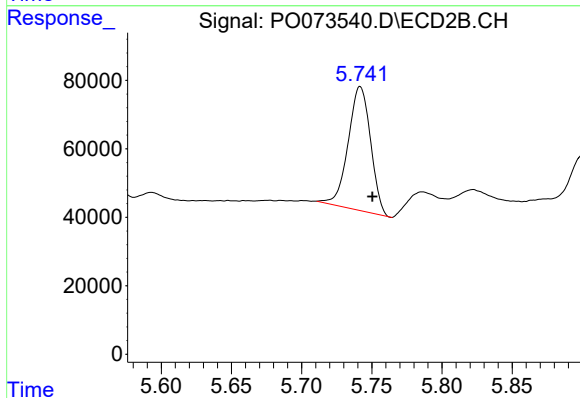
R.T.: 5.516 min
Delta R.T.: -0.008 min
Response: 663064
Conc: 557.92 ng/ml



#7 AR-1016-5

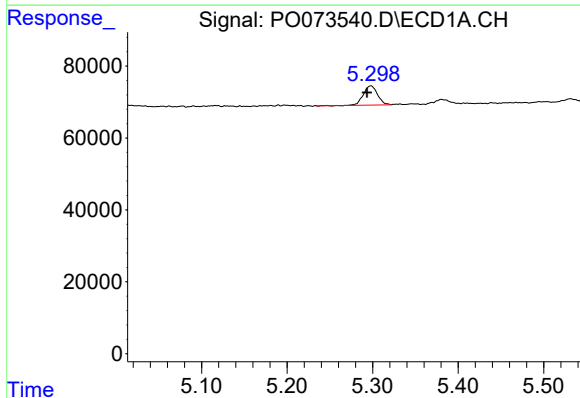
R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 626196
Conc: 278.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



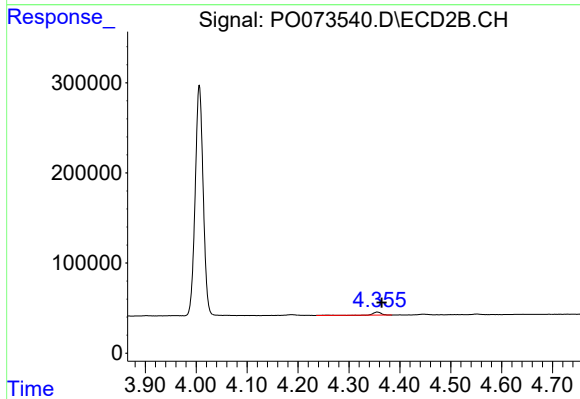
#7 AR-1016-5

R.T.: 5.742 min
Delta R.T.: -0.009 min
Response: 403006
Conc: 267.72 ng/ml



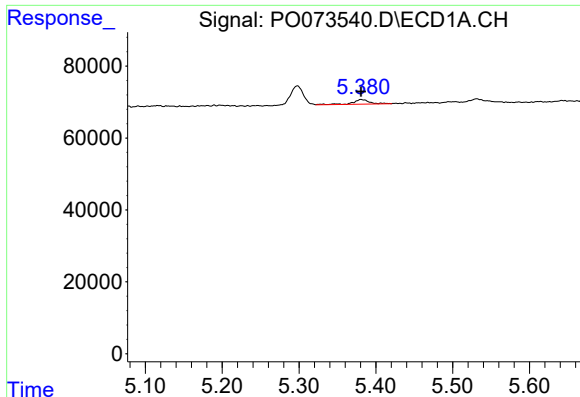
#9 AR-1221-2

R.T.: 5.298 min
Delta R.T.: 0.004 min
Response: 61447
Conc: 87.37 ng/ml



#9 AR-1221-2

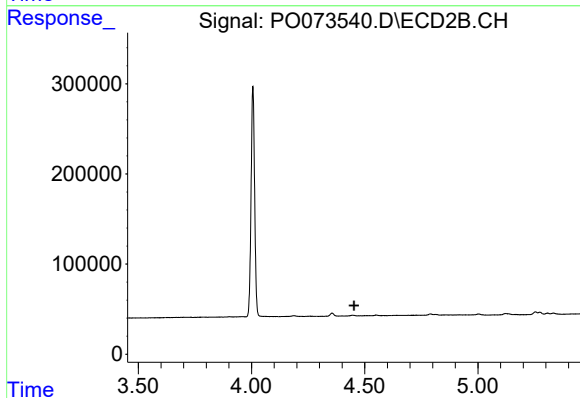
R.T.: 4.356 min
Delta R.T.: -0.009 min
Response: 40952
Conc: 101.31 ng/ml



#10 AR-1221-3

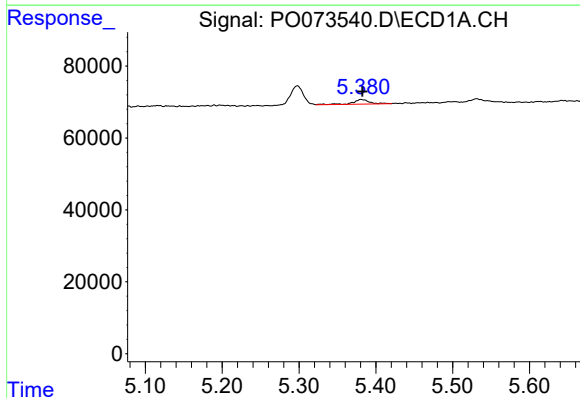
R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 19317
Conc: 8.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



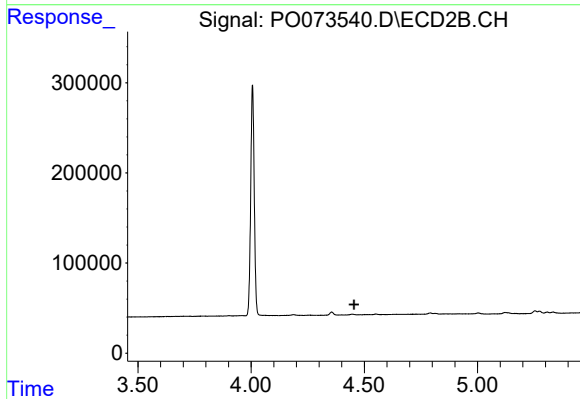
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.453 min
Response: 0
Conc: N.D.



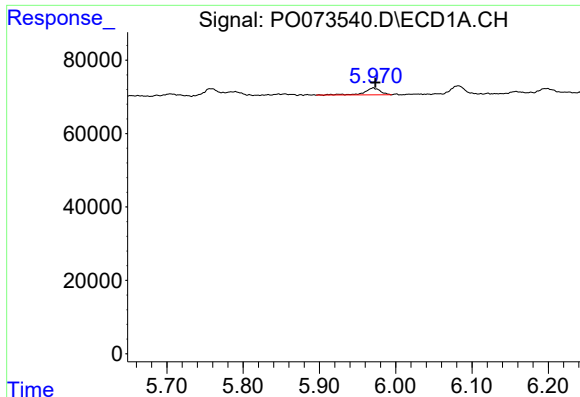
#11 AR-1232-1

R.T.: 5.381 min
Delta R.T.: -0.002 min
Response: 19317
Conc: 10.47 ng/ml



#11 AR-1232-1

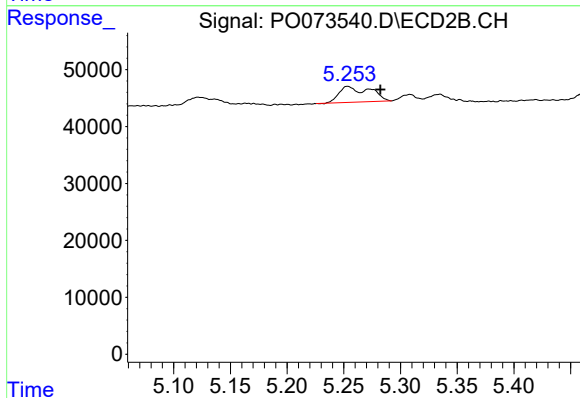
R.T.: 0.000 min
Exp R.T. : 4.454 min
Response: 0
Conc: N.D.



#12 AR-1232-2

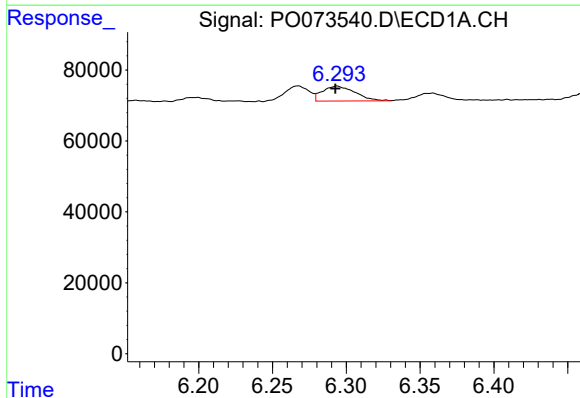
R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 28093
Conc: 29.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



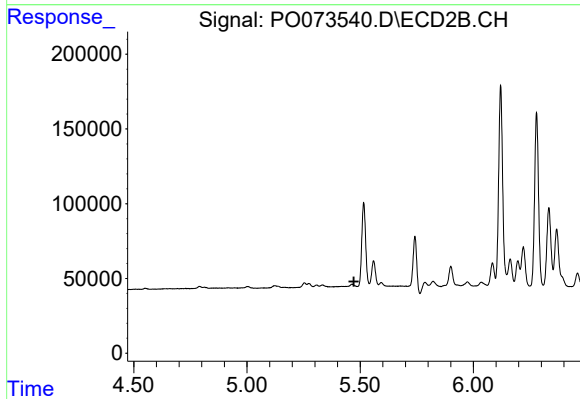
#12 AR-1232-2

R.T.: 5.254 min
Delta R.T.: -0.028 min
Response: 52256
Conc: 43.72 ng/ml



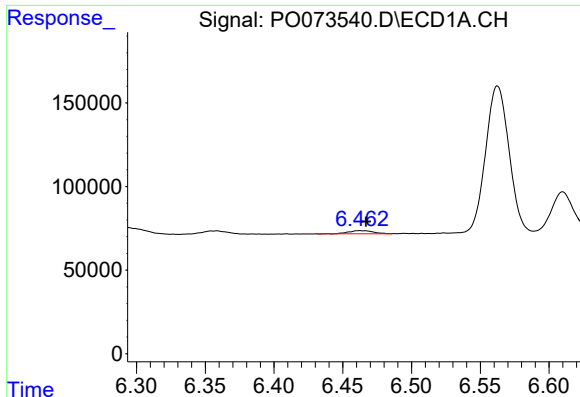
#13 AR-1232-3

R.T.: 6.294 min
Delta R.T.: 0.001 min
Response: 65222
Conc: 33.34 ng/ml



#13 AR-1232-3

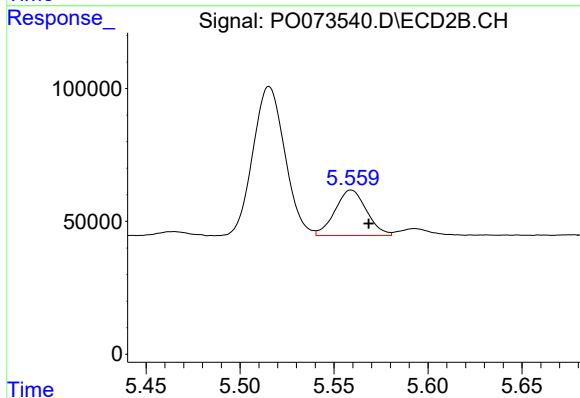
R.T.: 0.000 min
Exp R.T.: 5.472 min
Response: 0
Conc: N.D.



#14 AR-1232-4

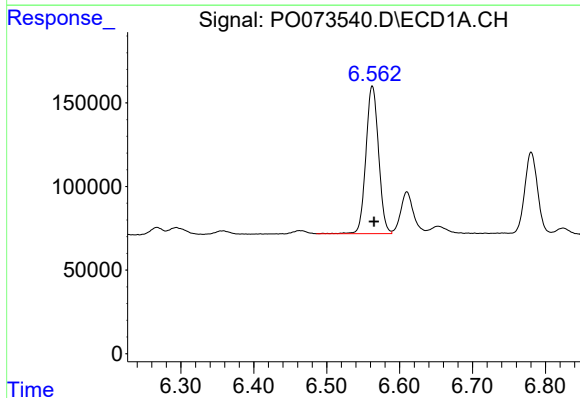
R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 22984
Conc: 23.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



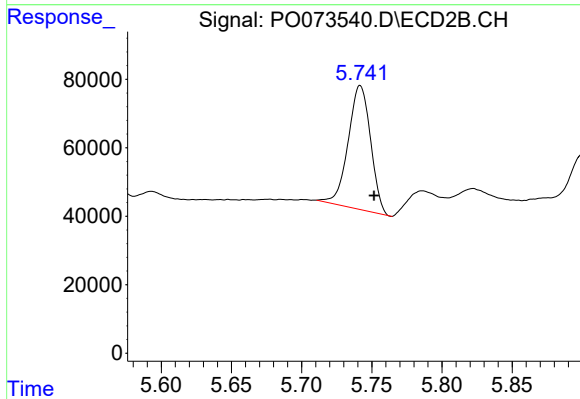
#14 AR-1232-4

R.T.: 5.559 min
Delta R.T.: -0.009 min
Response: 198959
Conc: 369.04 ng/ml



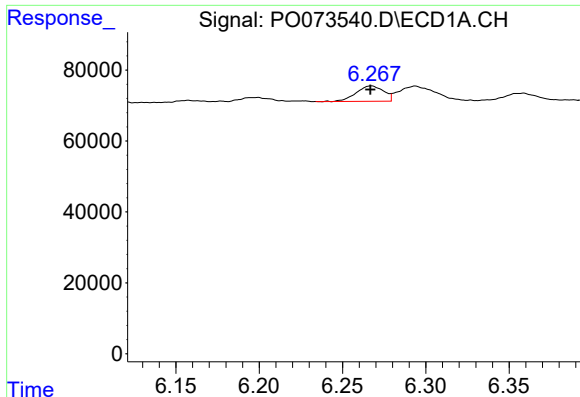
#15 AR-1232-5

R.T.: 6.563 min
Delta R.T.: -0.002 min
Response: 1062761
Conc: 1578.55 ng/ml



#15 AR-1232-5

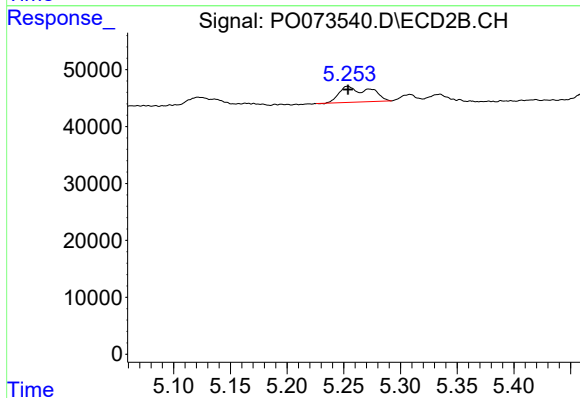
R.T.: 5.742 min
Delta R.T.: -0.010 min
Response: 403006
Conc: 682.16 ng/ml



#16 AR-1242-1

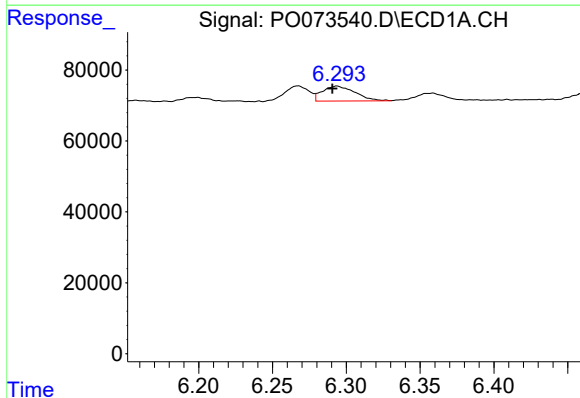
R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 50141
Conc: 19.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



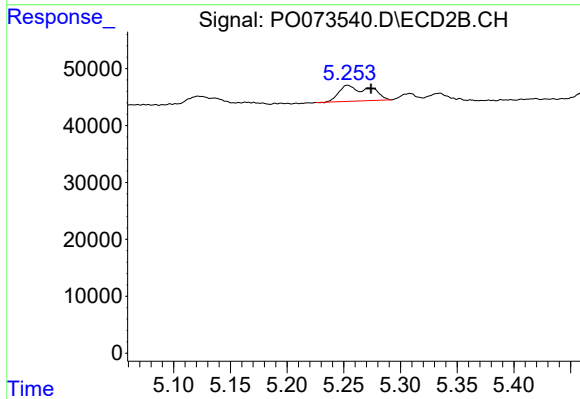
#16 AR-1242-1

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 52256
Conc: 31.95 ng/ml



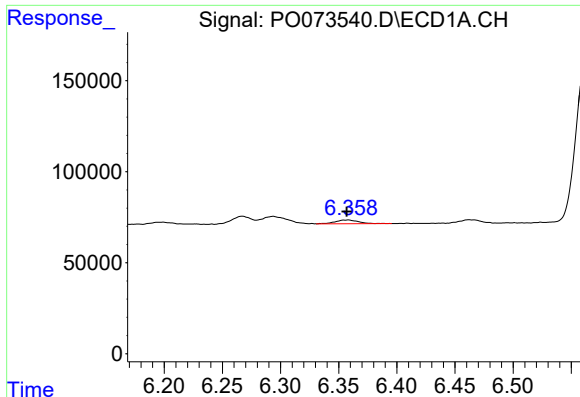
#17 AR-1242-2

R.T.: 6.294 min
Delta R.T.: 0.003 min
Response: 65222
Conc: 17.84 ng/ml



#17 AR-1242-2

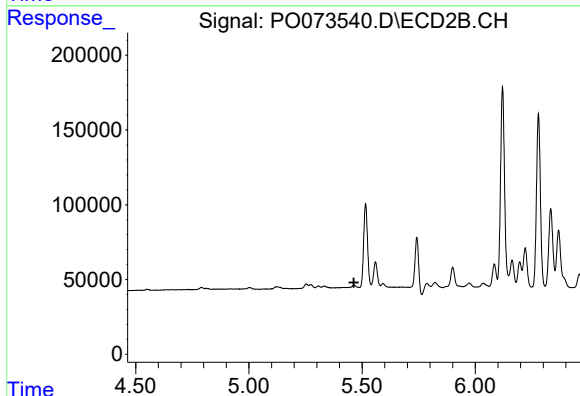
R.T.: 5.254 min
Delta R.T.: -0.020 min
Response: 52256
Conc: 23.10 ng/ml



#18 AR-1242-3

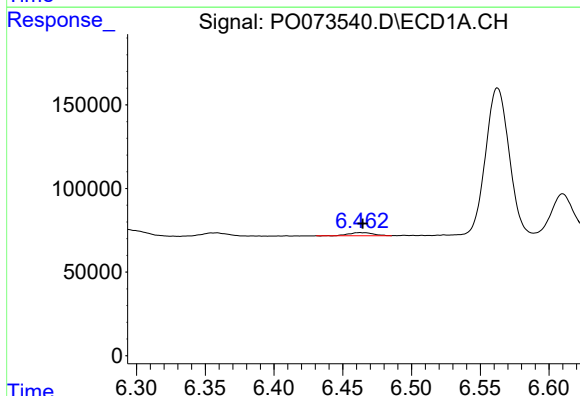
R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 28743
Conc: 13.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



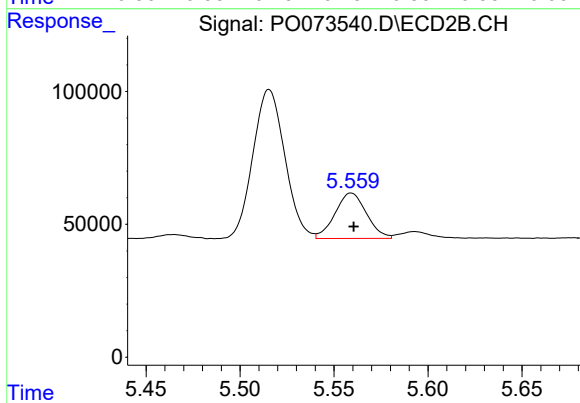
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.464 min
Response: 0
Conc: N.D.



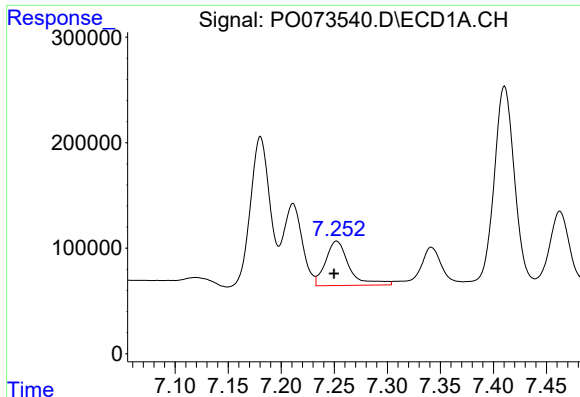
#19 AR-1242-4

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 22984
Conc: 12.38 ng/ml



#19 AR-1242-4

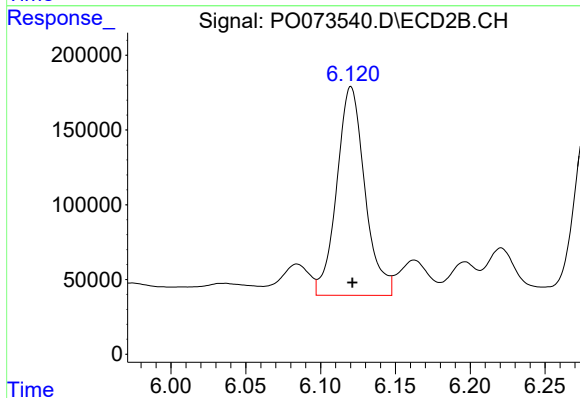
R.T.: 5.559 min
Delta R.T.: -0.001 min
Response: 198959
Conc: 181.02 ng/ml



#20 AR-1242-5

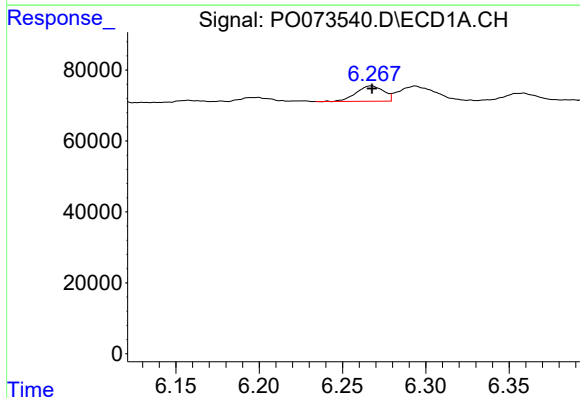
R.T.: 7.252 min
Delta R.T.: 0.002 min
Response: 654459
Conc: 311.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



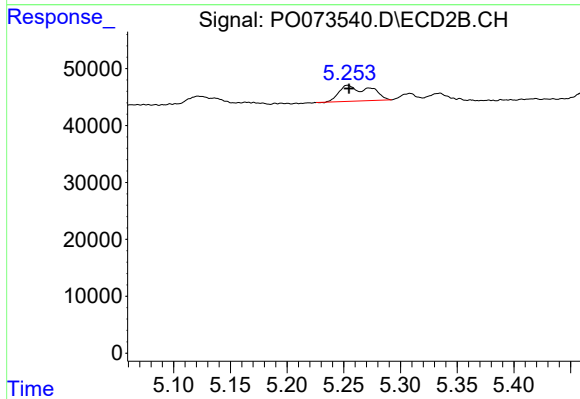
#20 AR-1242-5

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 1823754
Conc: 1177.85 ng/ml



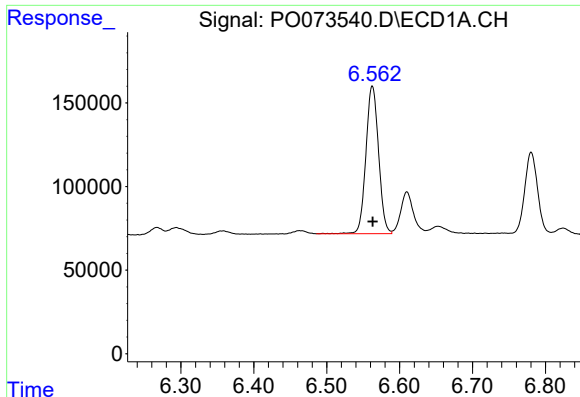
#21 AR-1248-1

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 50141
Conc: 25.08 ng/ml



#21 AR-1248-1

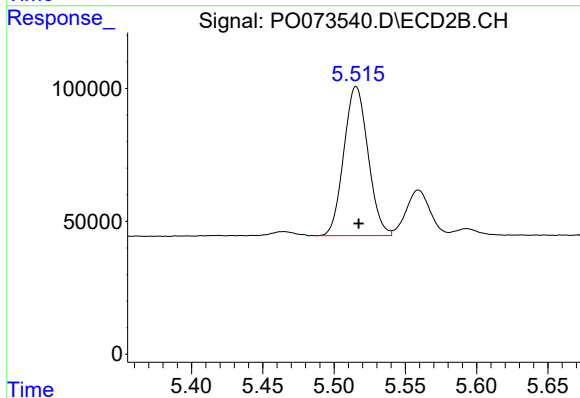
R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 52256
Conc: 41.67 ng/ml



#22 AR-1248-2

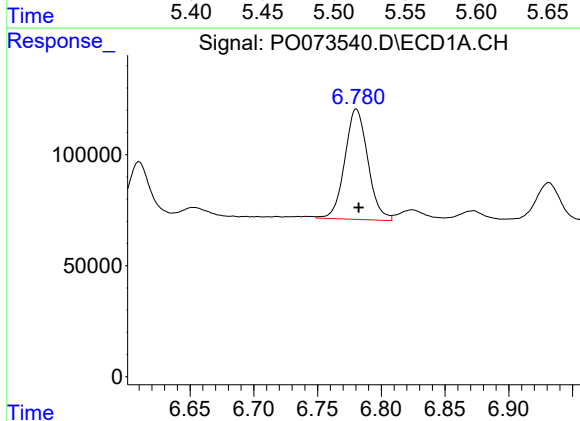
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 1062761
Conc: 411.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



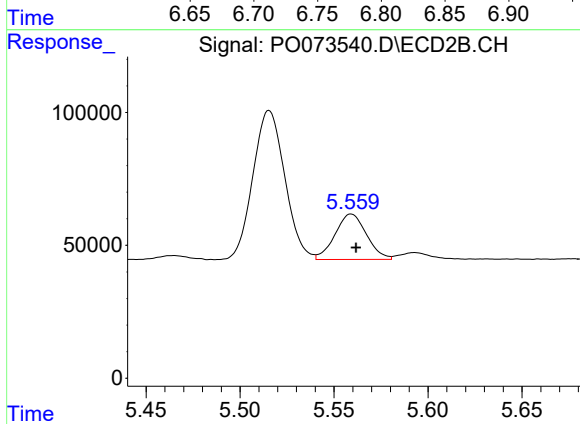
#22 AR-1248-2

R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 663064
Conc: 392.08 ng/ml



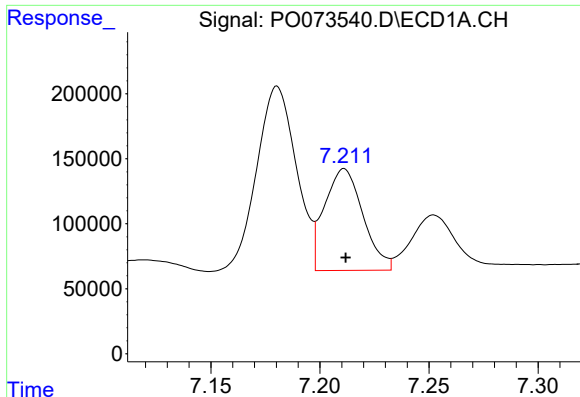
#23 AR-1248-3

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 626196
Conc: 204.33 ng/ml



#23 AR-1248-3

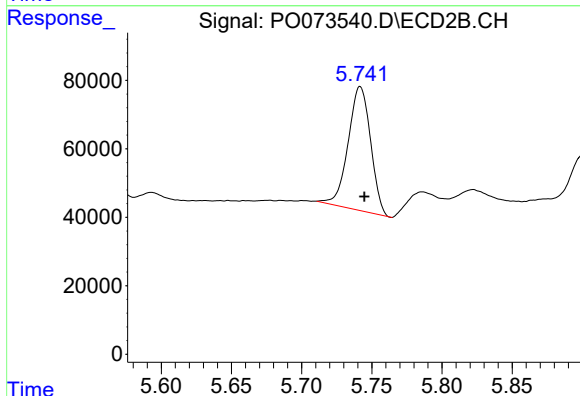
R.T.: 5.559 min
Delta R.T.: -0.002 min
Response: 198959
Conc: 116.59 ng/ml



#24 AR-1248-4

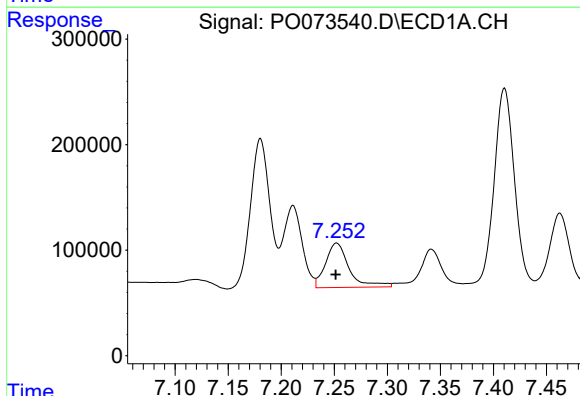
R.T.: 7.211 min
Delta R.T.: 0.000 min
Response: 960036
Conc: 257.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



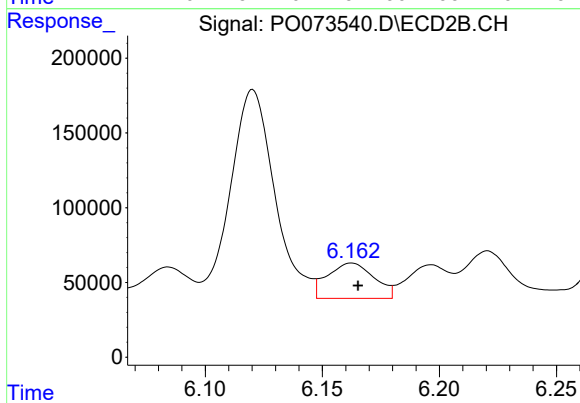
#24 AR-1248-4

R.T.: 5.742 min
Delta R.T.: -0.003 min
Response: 403006
Conc: 196.04 ng/ml



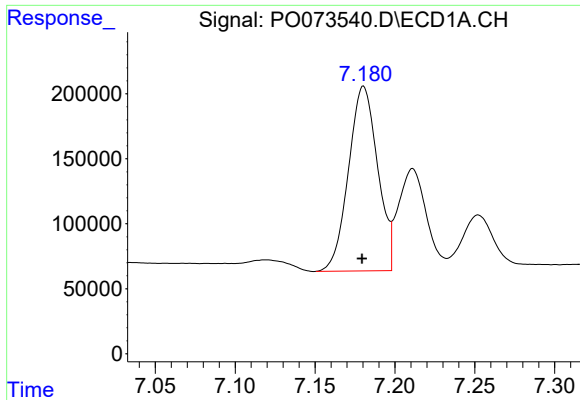
#25 AR-1248-5

R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 654459
Conc: 182.91 ng/ml



#25 AR-1248-5

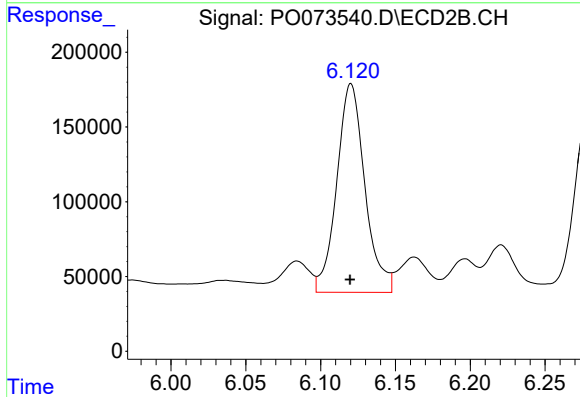
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 326874
Conc: 147.21 ng/ml



#26 AR-1254-1

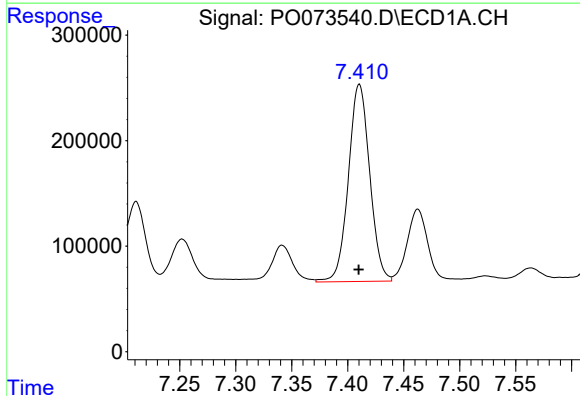
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 1802822
Conc: 521.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



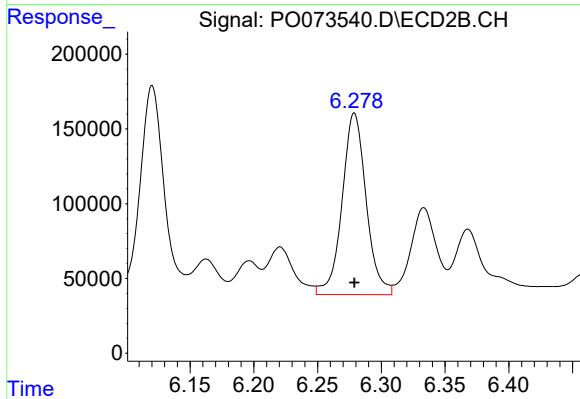
#26 AR-1254-1

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 1823754
Conc: 585.70 ng/ml



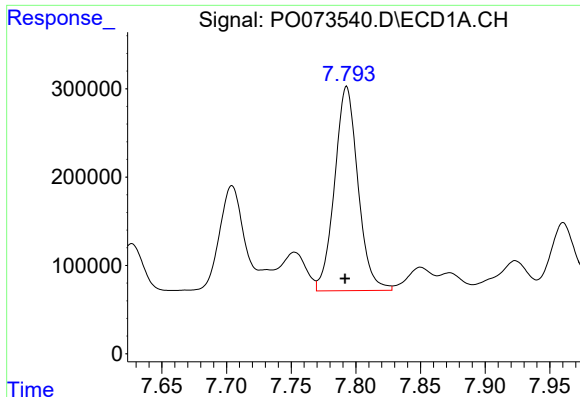
#27 AR-1254-2

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 2477375
Conc: 454.73 ng/ml



#27 AR-1254-2

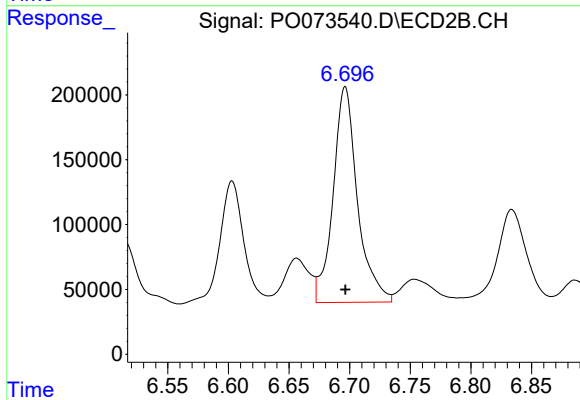
R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 1593775
Conc: 583.80 ng/ml



#28 AR-1254-3

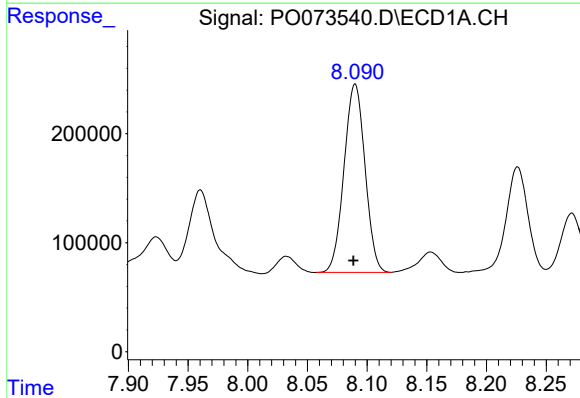
R.T.: 7.793 min
Delta R.T.: 0.001 min
Response: 2906503
Conc: 512.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



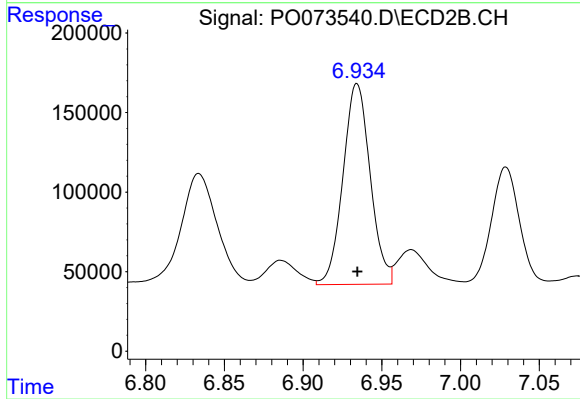
#28 AR-1254-3

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 2327640
Conc: 550.37 ng/ml



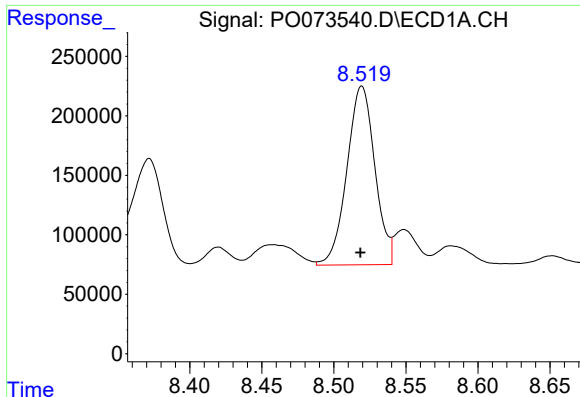
#29 AR-1254-4

R.T.: 8.090 min
Delta R.T.: 0.002 min
Response: 2117504
Conc: 437.67 ng/ml



#29 AR-1254-4

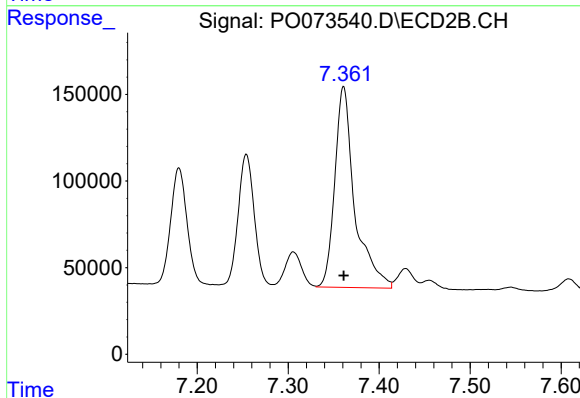
R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 1518997
Conc: 526.14 ng/ml



#30 AR-1254-5

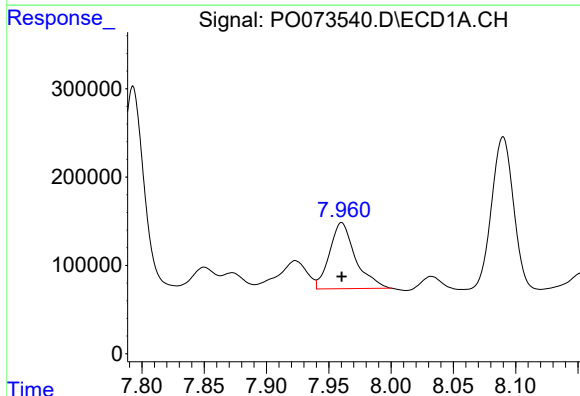
R.T.: 8.519 min
Delta R.T.: 0.001 min
Response: 2028437
Conc: 426.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



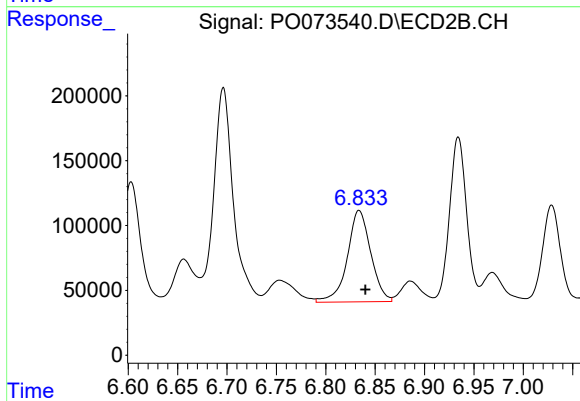
#30 AR-1254-5

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 1764931
Conc: 477.89 ng/ml



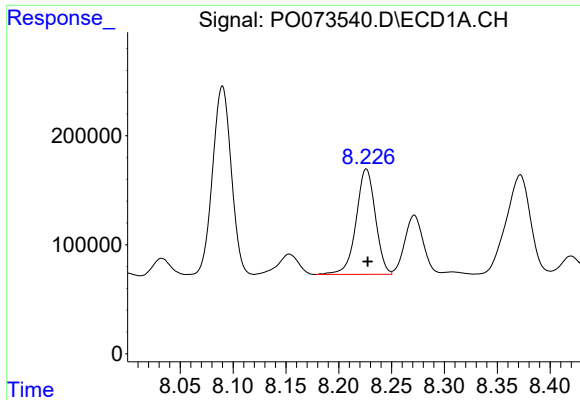
#31 AR-1260-1

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 1087631
Conc: 269.53 ng/ml



#31 AR-1260-1

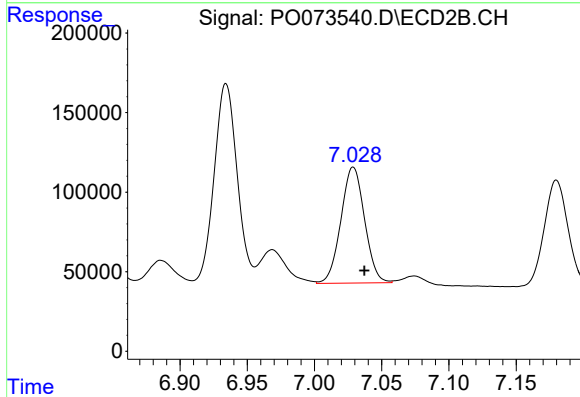
R.T.: 6.834 min
Delta R.T.: -0.006 min
Response: 1165742
Conc: 433.88 ng/ml



#32 AR-1260-2

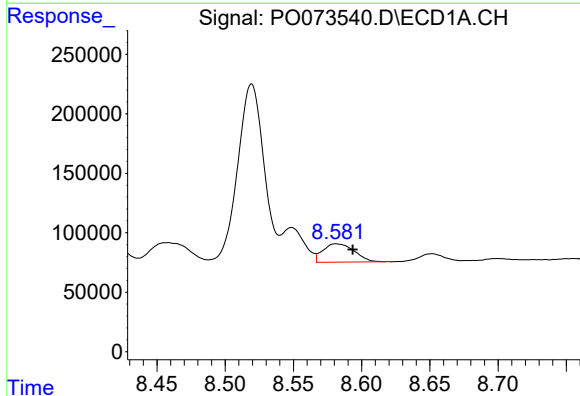
R.T.: 8.226 min
Delta R.T.: -0.001 min
Response: 1225776
Conc: 223.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



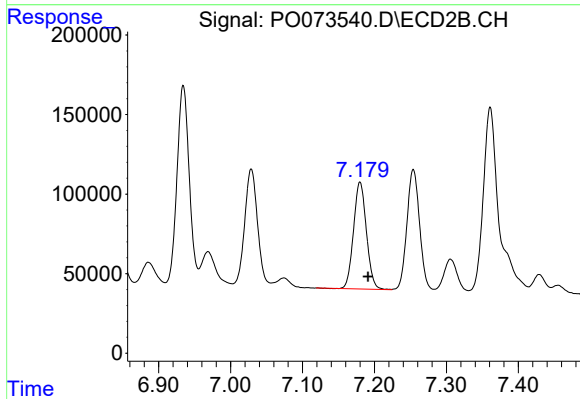
#32 AR-1260-2

R.T.: 7.029 min
Delta R.T.: -0.008 min
Response: 890344
Conc: 266.93 ng/ml



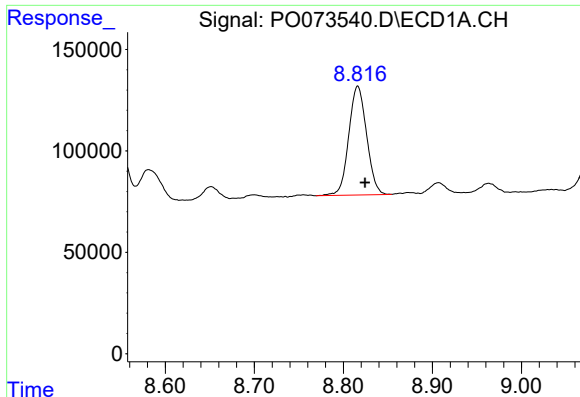
#33 AR-1260-3

R.T.: 8.581 min
Delta R.T.: -0.012 min
Response: 245507
Conc: 55.33 ng/ml



#33 AR-1260-3

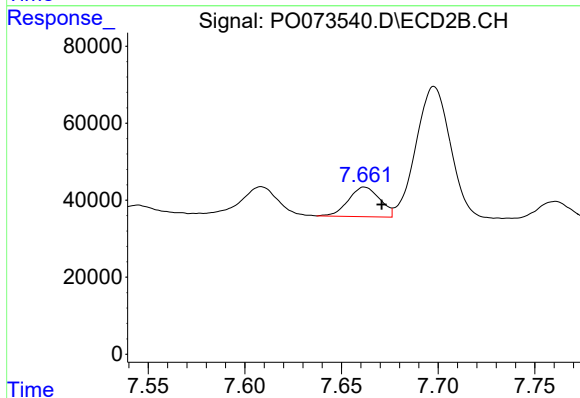
R.T.: 7.180 min
Delta R.T.: -0.011 min
Response: 835009
Conc: 270.30 ng/ml



#34 AR-1260-4

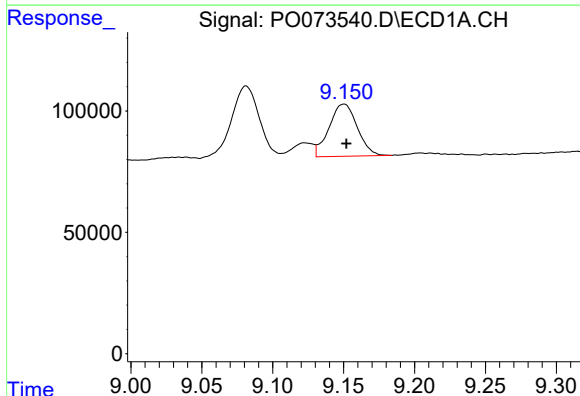
R.T.: 8.816 min
Delta R.T.: -0.008 min
Response: 747059
Conc: 173.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



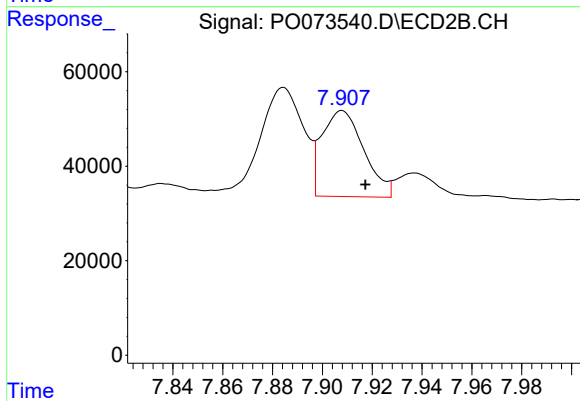
#34 AR-1260-4

R.T.: 7.662 min
Delta R.T.: -0.009 min
Response: 86547
Conc: 35.17 ng/ml



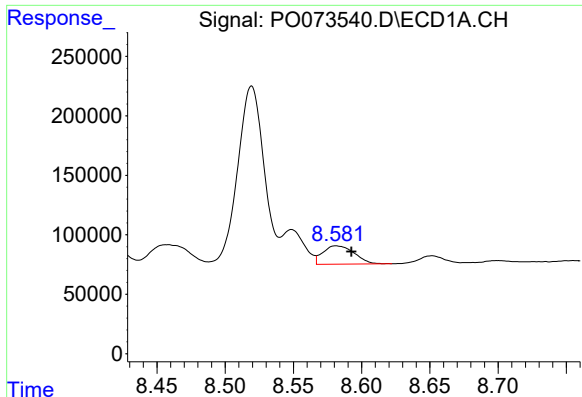
#35 AR-1260-5

R.T.: 9.150 min
Delta R.T.: -0.002 min
Response: 297047
Conc: 30.08 ng/ml



#35 AR-1260-5

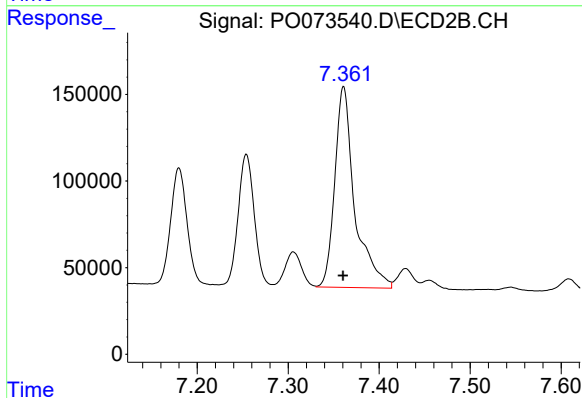
R.T.: 7.908 min
Delta R.T.: -0.010 min
Response: 212735
Conc: 34.34 ng/ml



#36 AR-1262-1

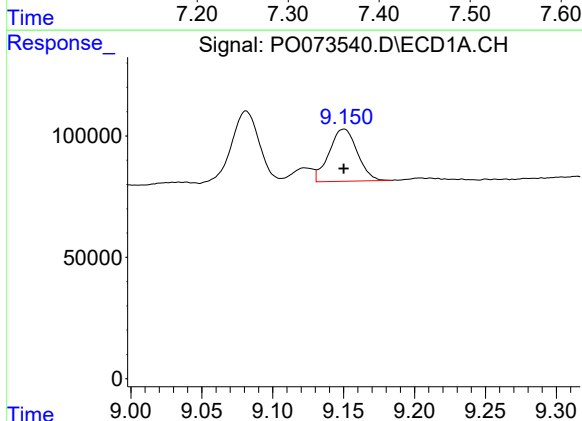
R.T.: 8.581 min
Delta R.T.: -0.011 min
Response: 245507
Conc: 39.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



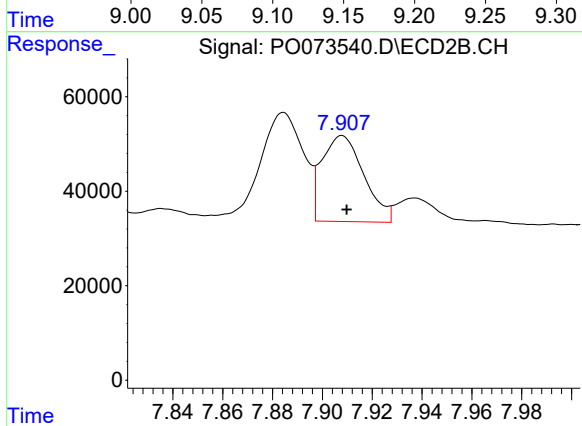
#36 AR-1262-1

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 1764931
Conc: 910.73 ng/ml



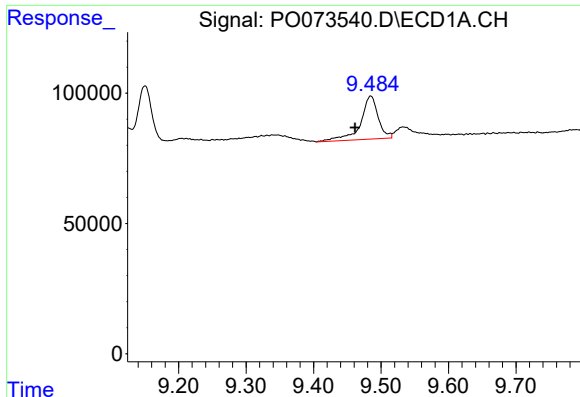
#37 AR-1262-2

R.T.: 9.150 min
Delta R.T.: 0.000 min
Response: 297047
Conc: 27.46 ng/ml



#37 AR-1262-2

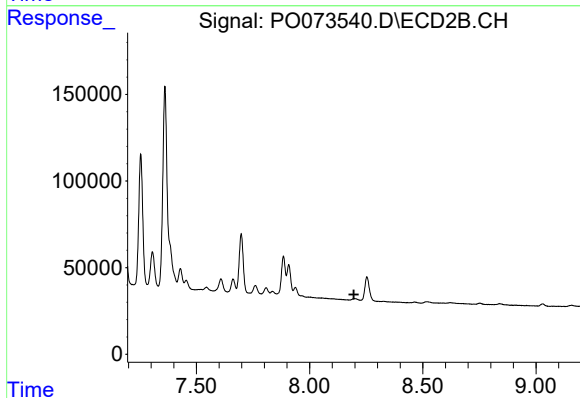
R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 212735
Conc: 32.45 ng/ml



#38 AR-1262-3

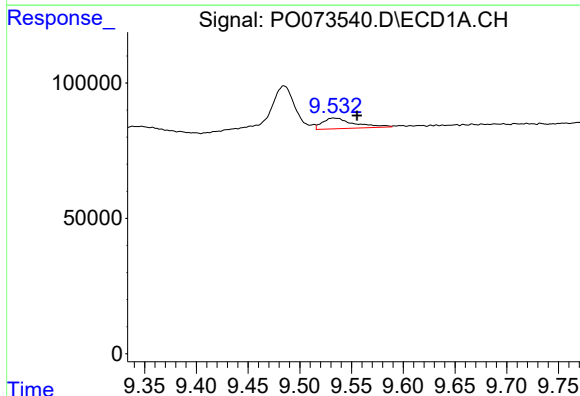
R.T.: 9.485 min
Delta R.T.: 0.023 min
Response: 298334
Conc: 40.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



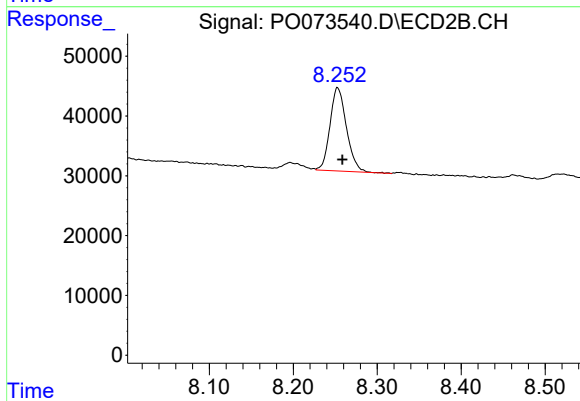
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.195 min
Response: 0
Conc: N.D.



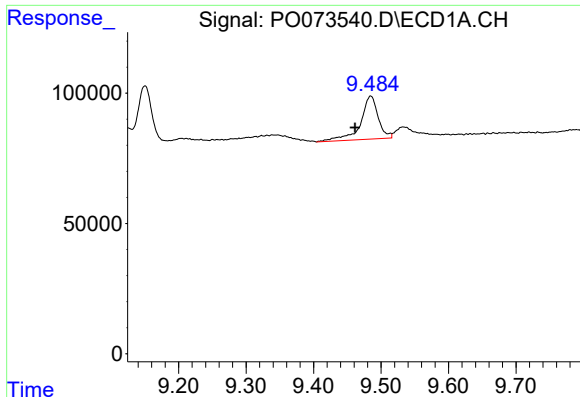
#39 AR-1262-4

R.T.: 9.533 min
Delta R.T.: -0.023 min
Response: 83396
Conc: 15.15 ng/ml



#39 AR-1262-4

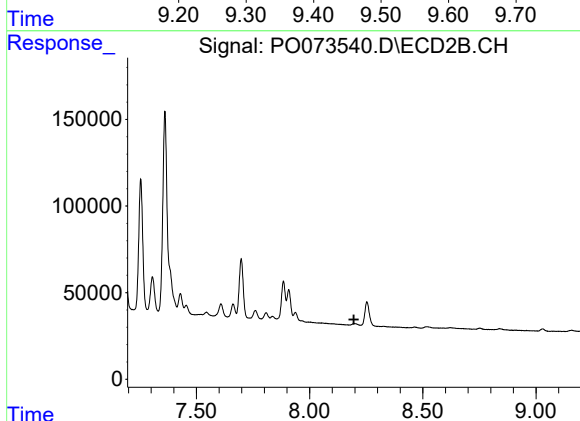
R.T.: 8.253 min
Delta R.T.: -0.005 min
Response: 189744
Conc: 39.74 ng/ml



#41 AR-1268-1

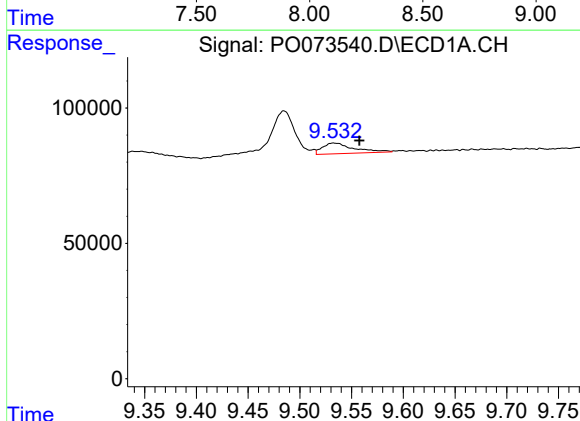
R.T.: 9.485 min
Delta R.T.: 0.023 min
Response: 298334
Conc: 21.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



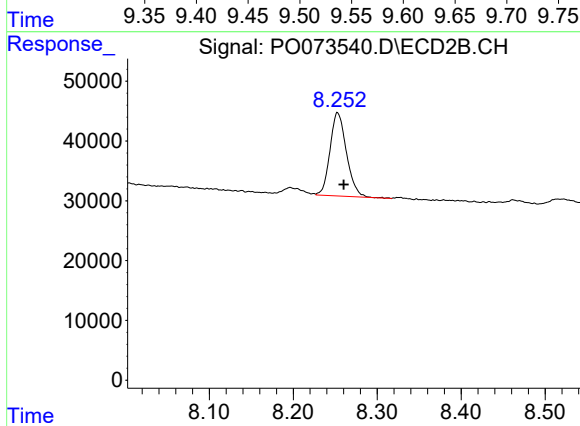
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.196 min
Response: 0
Conc: N.D.



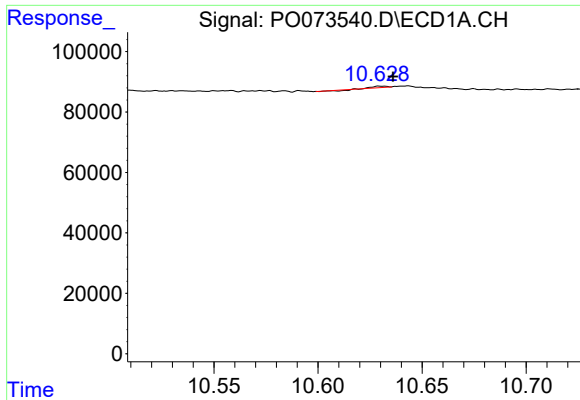
#42 AR-1268-2

R.T.: 9.533 min
Delta R.T.: -0.025 min
Response: 83396
Conc: 6.86 ng/ml



#42 AR-1268-2

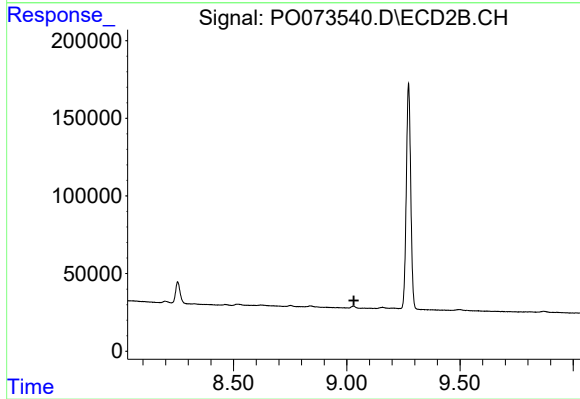
R.T.: 8.253 min
Delta R.T.: -0.007 min
Response: 189744
Conc: 25.98 ng/ml



#45 AR-1268-5

R.T.: 10.631 min
Delta R.T.: -0.005 min
Response: 544
Conc: 0.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.031 min
Response: 0
Conc: N.D.