

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112020\
 Data File : PO073366.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Nov 2020 9:42
 Operator : DD\AJ
 Sample : AR1268CCC500
 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 20 17:04:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 12:09:14 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	4.008	3161215	1858273	50.238	51.765
2)	SA Decachlor...	10.978	9.274	4736071	2806946	88.485	80.341
Target Compounds							
3)	L1 AR-1016-1	0.000	5.258	0	19037	N.D.	12.379 #
4)	L1 AR-1016-2	0.000	5.297	0	6093	N.D.	2.903 #
5)	L1 AR-1016-3	0.000	5.471	0	33372	N.D.	33.541 #
6)	L1 AR-1016-4	0.000	5.534	0	11564	N.D.	12.773 #
7)	L1 AR-1016-5	0.000	5.742f	0	72494	N.D.	63.380 #
9)	L2 AR-1221-2	5.299	4.357	42911	23007	79.672	70.464
10)	L2 AR-1221-3	0.000	4.450	0	1015	N.D.	1.028 #
11)	L3 AR-1232-1	0.000	4.450	0	1015	N.D.	1.181 #
12)	L3 AR-1232-2	0.000	5.297	0	6093	N.D.	6.536 #
13)	L3 AR-1232-3	0.000	5.471	0	33372	N.D.	73.871 #
14)	L3 AR-1232-4	0.000	5.562	0	80887	N.D.	183.603 #
15)	L3 AR-1232-5	0.000	5.742f	0	72494	N.D.	145.933 #
16)	L4 AR-1242-1	0.000	5.258	0	19037	N.D.	15.396 #
17)	L4 AR-1242-2	0.000	5.279	0	29260	N.D.	17.543 #
18)	L4 AR-1242-3	0.000	5.471	0	33372	N.D.	40.436 #
19)	L4 AR-1242-4	0.000	5.562	0	80887	N.D.	91.443 #
20)	L4 AR-1242-5	7.253	6.147	96138	448025	60.043	384.027 #
21)	L5 AR-1248-1	0.000	5.258	0	19037	N.D.	20.217 #
22)	L5 AR-1248-2	0.000	5.534	0	11564	N.D.	9.132 #
23)	L5 AR-1248-3	0.000	5.562	0	80887	N.D.	61.502 #
24)	L5 AR-1248-4	7.189f	5.742	670796	72494	225.649	45.794 #
25)	L5 AR-1248-5	7.253	6.204f	96138	90056	34.422	54.307 #
26)	L6 AR-1254-1	7.189	6.147	670796	448025	227.784	182.188
27)	L6 AR-1254-2	7.419	0.000	62753	0	13.174	N.D. #
28)	L6 AR-1254-3	7.816f	6.701	69922	46065	14.624	12.618
29)	L6 AR-1254-4	8.095	6.936	-29578	30070	N.D.	12.574 #
30)	L6 AR-1254-5	8.506f	7.360f	23611	5122	5.915	1.545 #
31)	L7 AR-1260-1	0.000	6.841	0	26259	N.D.	11.586 #
32)	L7 AR-1260-2	8.232	7.032	94699	14164	22.103	5.261 #
33)	L7 AR-1260-3	8.597	7.189	905003	47742	279.572	19.386 #
34)	L7 AR-1260-4	8.845f	7.664	1218687	719090	390.627	352.834
35)	L7 AR-1260-5	9.156	7.911	557736	314783	77.614	66.504
36)	L8 AR-1262-1	8.597	7.360	905003	5122	183.042	3.193 #
37)	L8 AR-1262-2	9.156	7.911	557736	314783	67.893	59.954
38)	L8 AR-1262-3	9.468	8.197	4713751	2777443	913.526	1327.495 #
39)	L8 AR-1262-4	9.565	8.261	4131481	2464566	1044.298	649.962 #
40)	L8 AR-1262-5	10.230	8.753	1473634	848871	538.301	493.391
41)	L9 AR-1268-1	9.468	8.197	4713751	2777443	449.636	466.045
42)	L9 AR-1268-2	9.565	8.261	4131481	2464566	451.834	468.784

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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
43) L9	AR-1268-3	9.791	8.468	3660444	2123478	441.928	466.353
44) L9	AR-1268-4	10.230	8.753	1473634	848871	468.960	459.820
45) L9	AR-1268-5	10.644	9.032	10502760	6261521	424.811	435.920

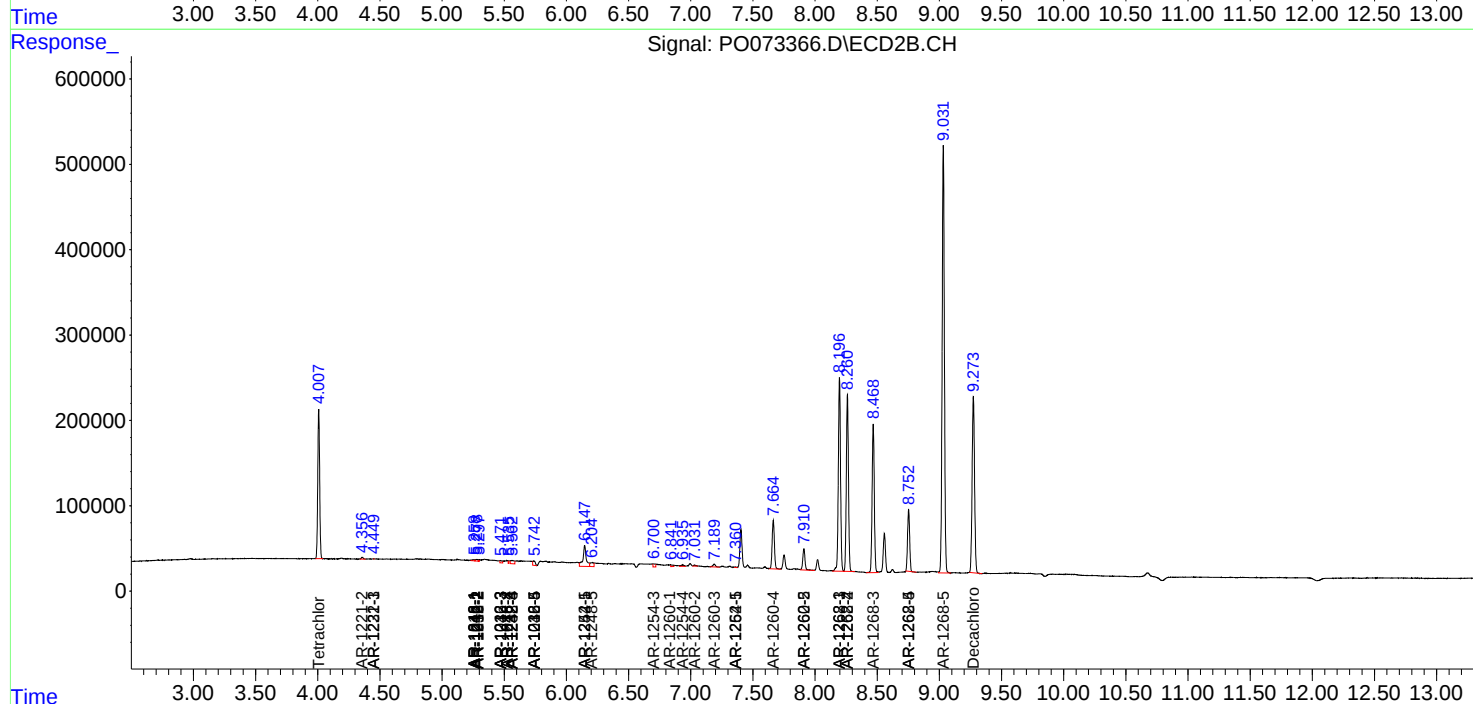
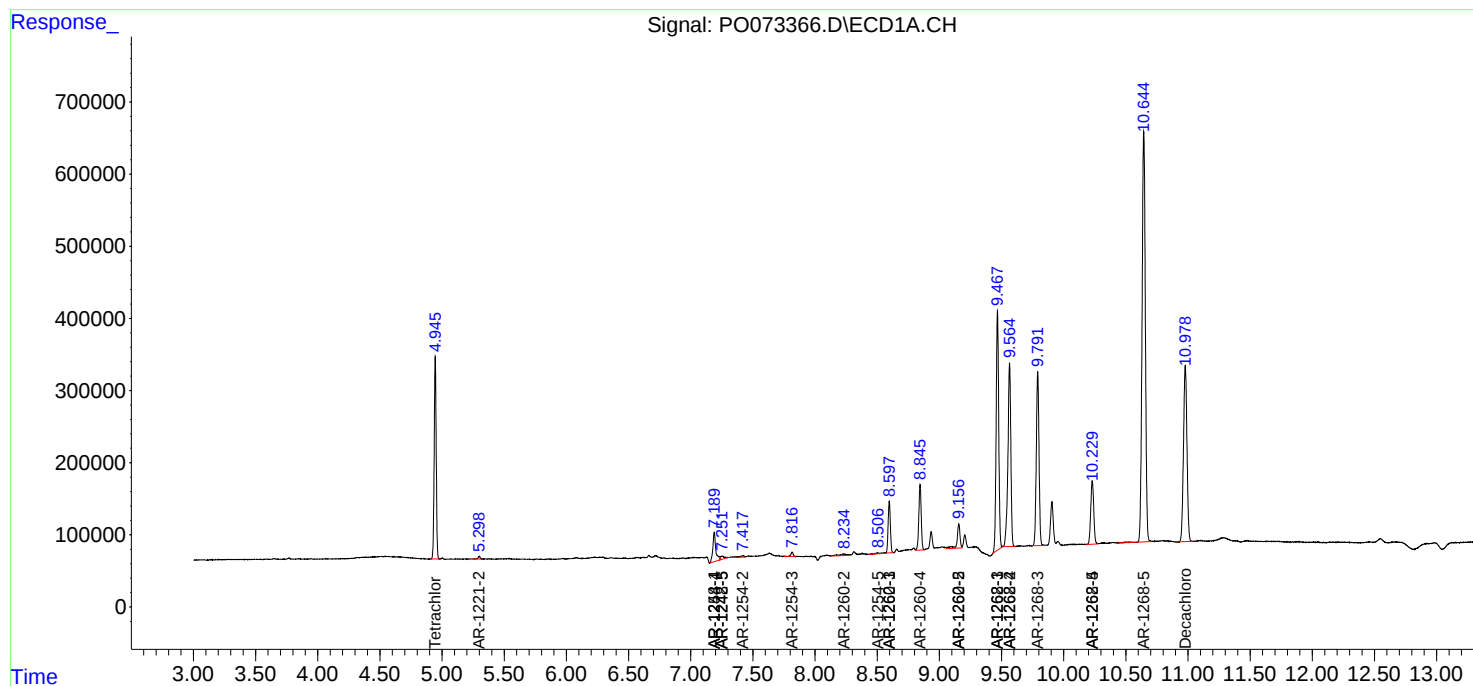
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

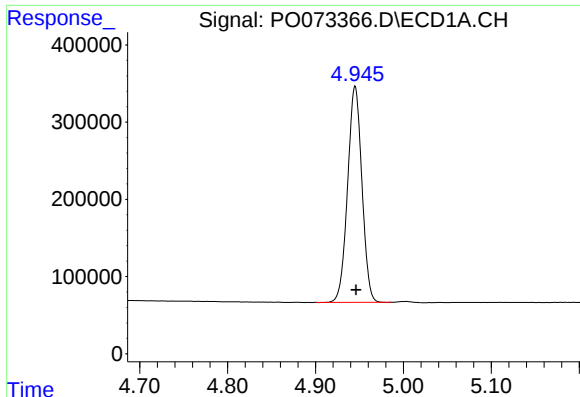
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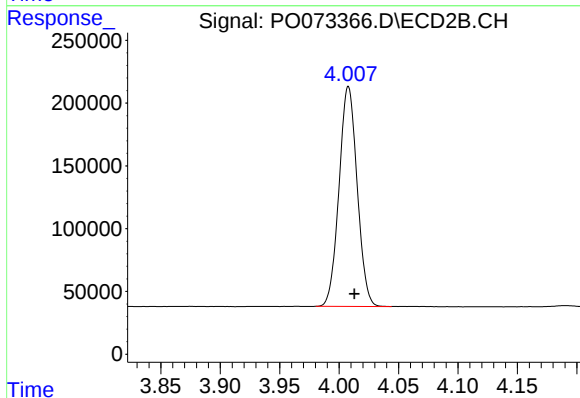




#1 Tetrachloro-m-xylene

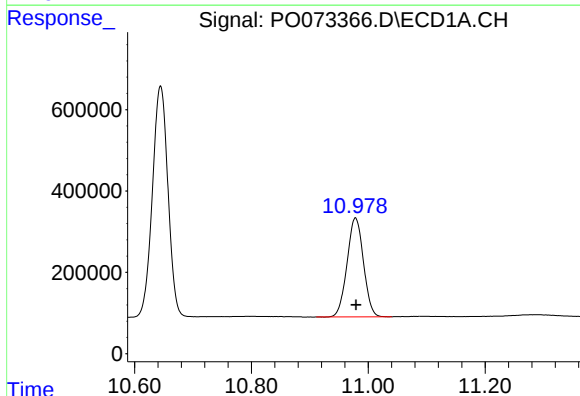
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 3161215
Conc: 50.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



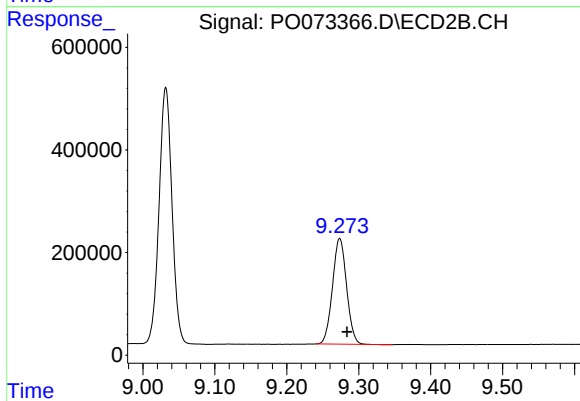
#1 Tetrachloro-m-xylene

R.T.: 4.008 min
Delta R.T.: -0.005 min
Response: 1858273
Conc: 51.77 ng/ml



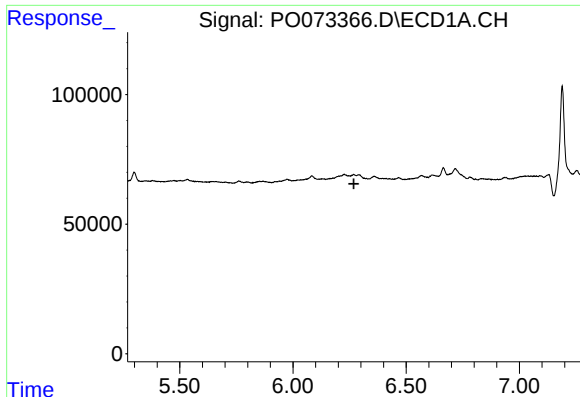
#2 Decachlorobiphenyl

R.T.: 10.978 min
Delta R.T.: 0.000 min
Response: 4736071
Conc: 88.49 ng/ml



#2 Decachlorobiphenyl

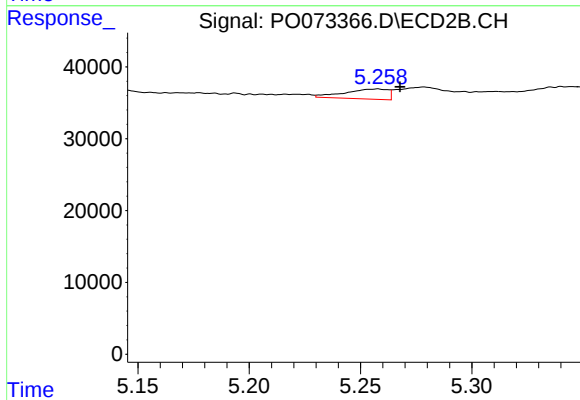
R.T.: 9.274 min
Delta R.T.: -0.010 min
Response: 2806946
Conc: 80.34 ng/ml



#3 AR-1016-1

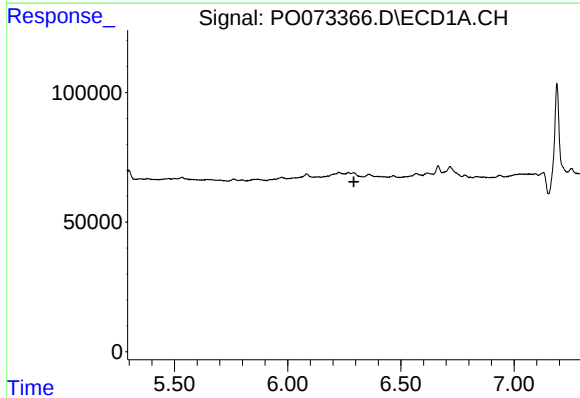
R.T.: 0.000 min
Exp R.T.: 6.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



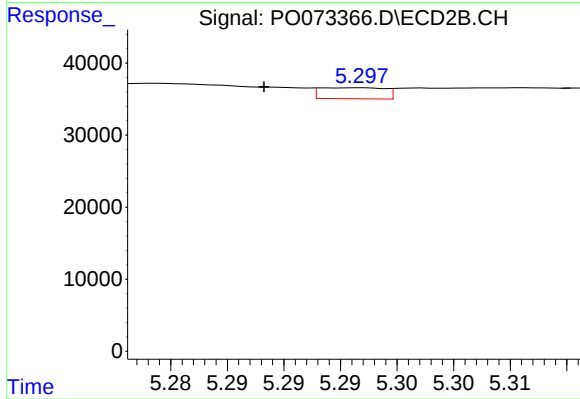
#3 AR-1016-1

R.T.: 5.258 min
Delta R.T.: -0.010 min
Response: 19037
Conc: 12.38 ng/ml



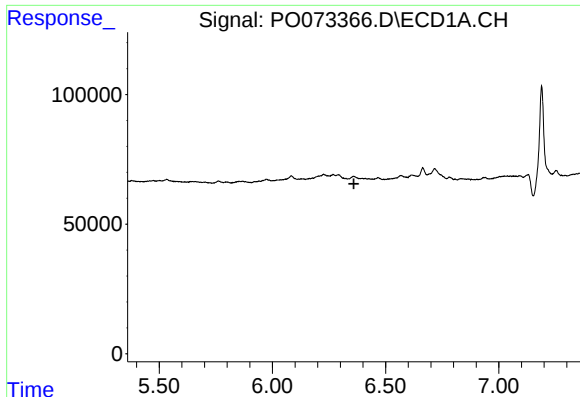
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.292 min
Response: 0
Conc: N.D.



#4 AR-1016-2

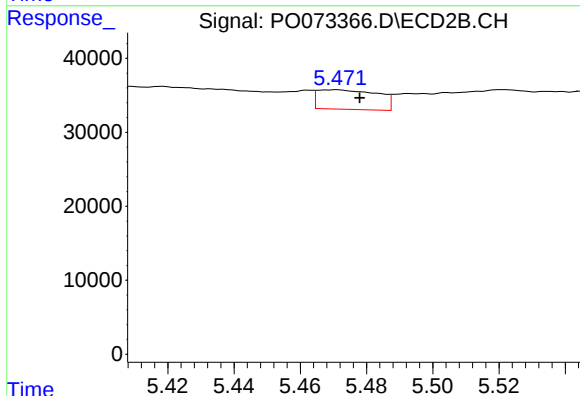
R.T.: 5.297 min
Delta R.T.: 0.008 min
Response: 6093
Conc: 2.90 ng/ml



#5 AR-1016-3

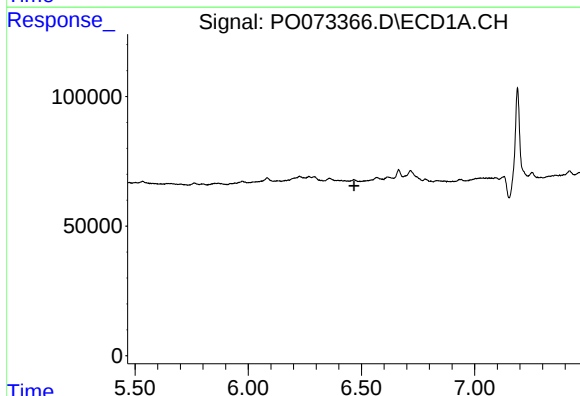
R.T.: 0.000 min
Exp R.T.: 6.360 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



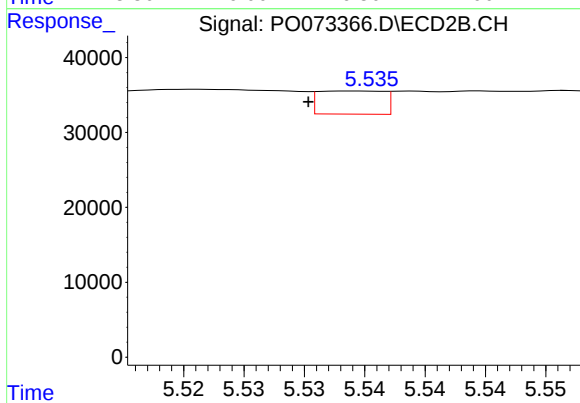
#5 AR-1016-3

R.T.: 5.471 min
Delta R.T.: -0.007 min
Response: 33372
Conc: 33.54 ng/ml



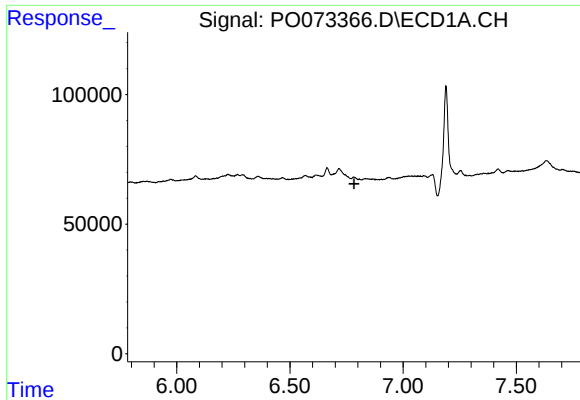
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.467 min
Response: 0
Conc: N.D.



#6 AR-1016-4

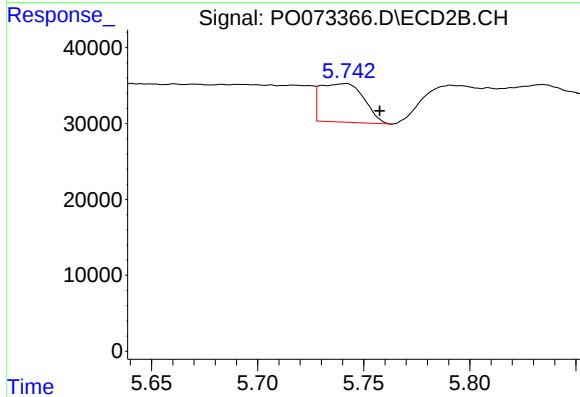
R.T.: 5.534 min
Delta R.T.: 0.004 min
Response: 11564
Conc: 12.77 ng/ml



#7 AR-1016-5

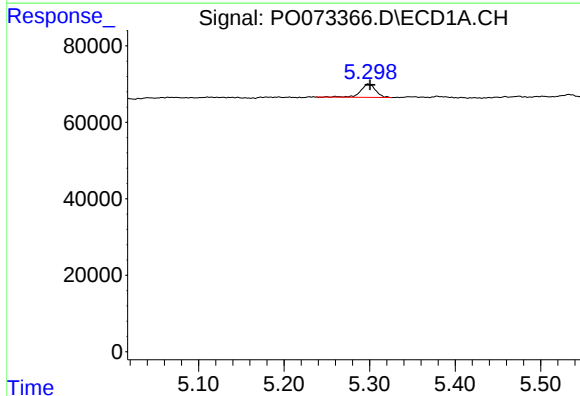
R.T.: 0.000 min
Exp R.T.: 6.783 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



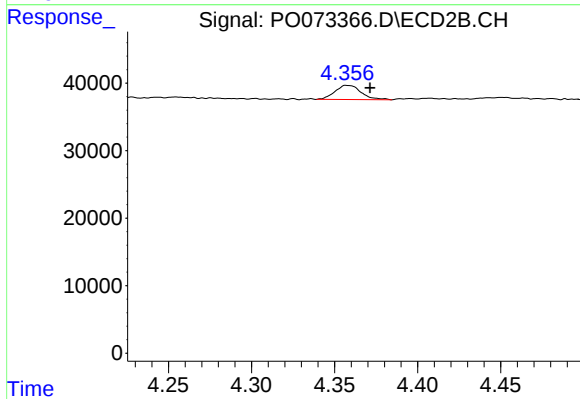
#7 AR-1016-5

R.T.: 5.742 min
Delta R.T.: -0.016 min
Response: 72494
Conc: 63.38 ng/ml



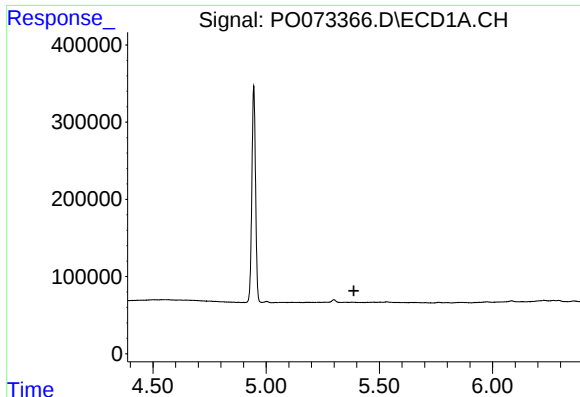
#9 AR-1221-2

R.T.: 5.299 min
Delta R.T.: -0.002 min
Response: 42911
Conc: 79.67 ng/ml



#9 AR-1221-2

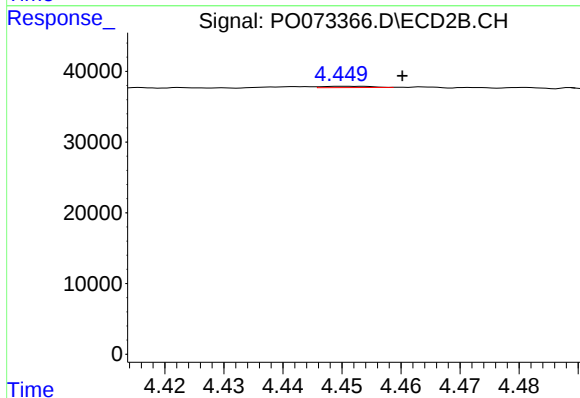
R.T.: 4.357 min
Delta R.T.: -0.014 min
Response: 23007
Conc: 70.46 ng/ml



#10 AR-1221-3

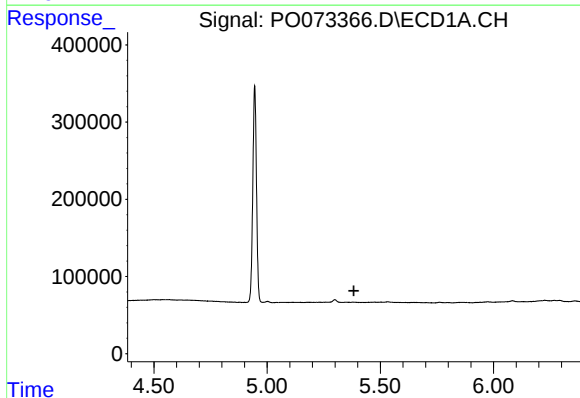
R.T.: 0.000 min
Exp R.T. : 5.387 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



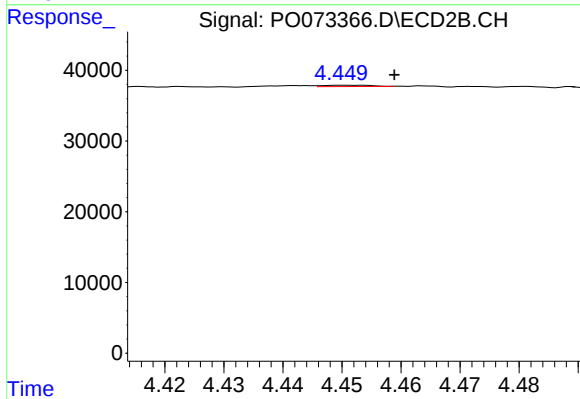
#10 AR-1221-3

R.T.: 4.450 min
Delta R.T.: -0.010 min
Response: 1015
Conc: 1.03 ng/ml



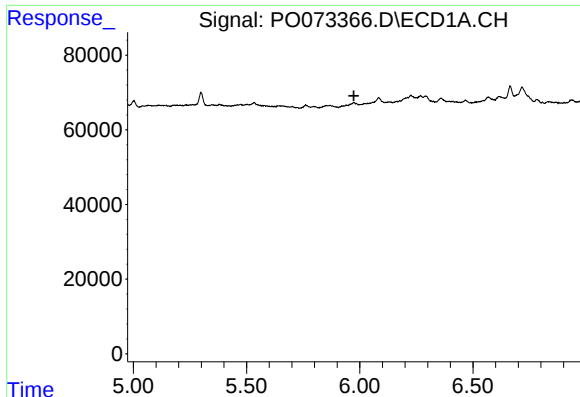
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.383 min
Response: 0
Conc: N.D.



#11 AR-1232-1

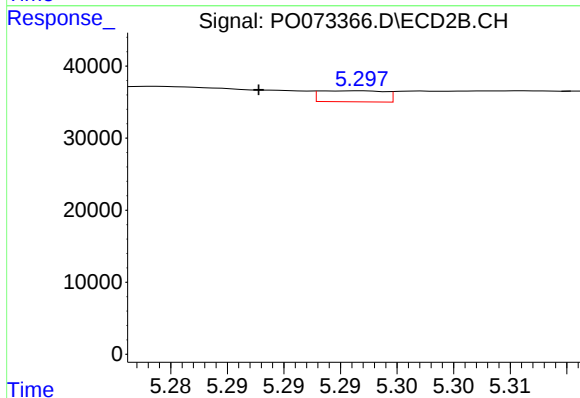
R.T.: 4.450 min
Delta R.T.: -0.009 min
Response: 1015
Conc: 1.18 ng/ml



#12 AR-1232-2

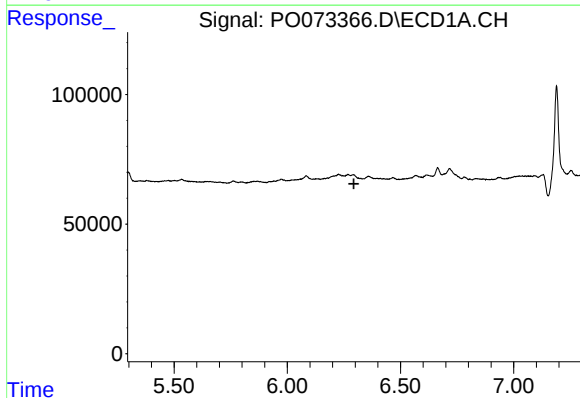
R.T.: 0.000 min
Exp R.T.: 5.974 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



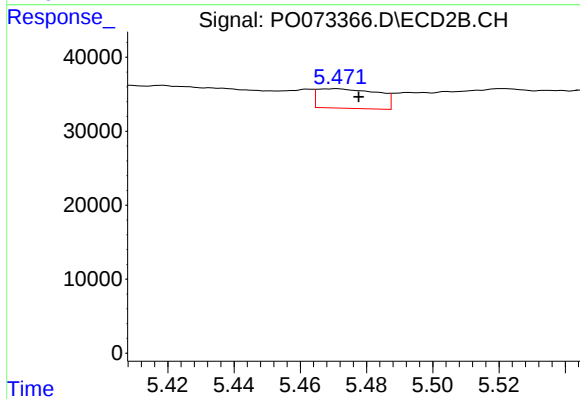
#12 AR-1232-2

R.T.: 5.297 min
Delta R.T.: 0.009 min
Response: 6093
Conc: 6.54 ng/ml



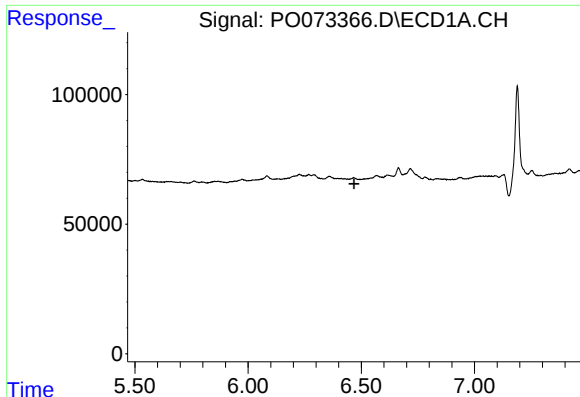
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 6.294 min
Response: 0
Conc: N.D.



#13 AR-1232-3

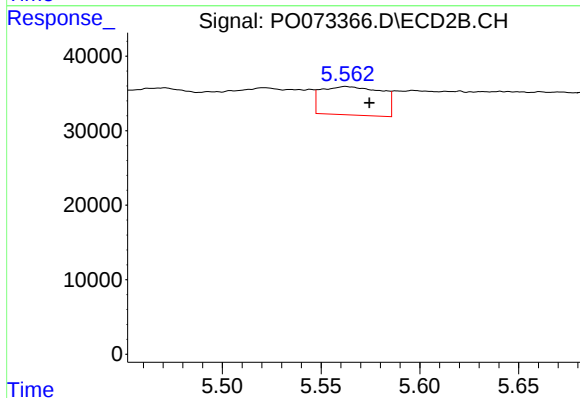
R.T.: 5.471 min
Delta R.T.: -0.006 min
Response: 33372
Conc: 73.87 ng/ml



#14 AR-1232-4

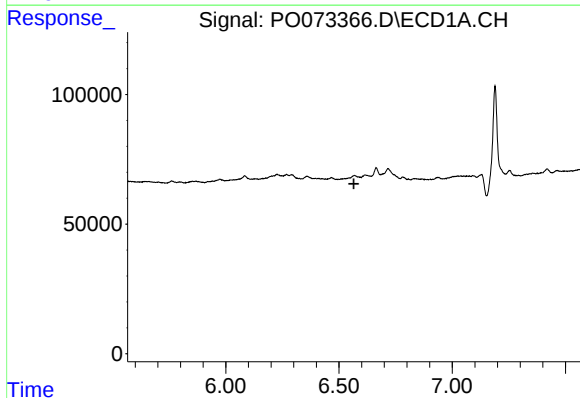
R.T.: 0.000 min
Exp R.T.: 6.468 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



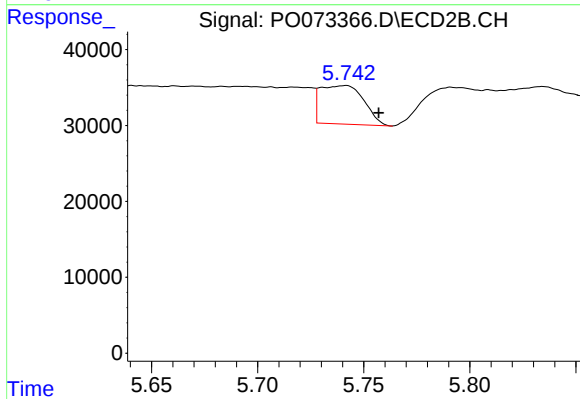
#14 AR-1232-4

R.T.: 5.562 min
Delta R.T.: -0.012 min
Response: 80887
Conc: 183.60 ng/ml



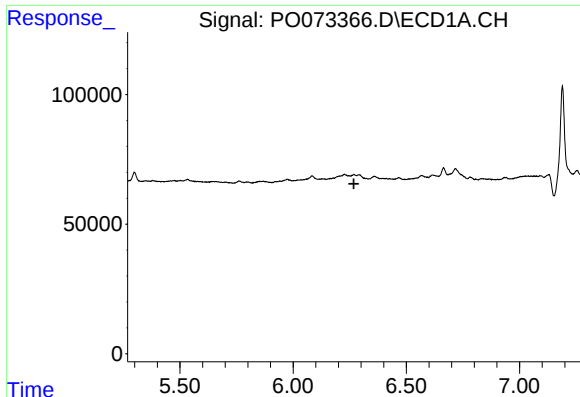
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.566 min
Response: 0
Conc: N.D.



#15 AR-1232-5

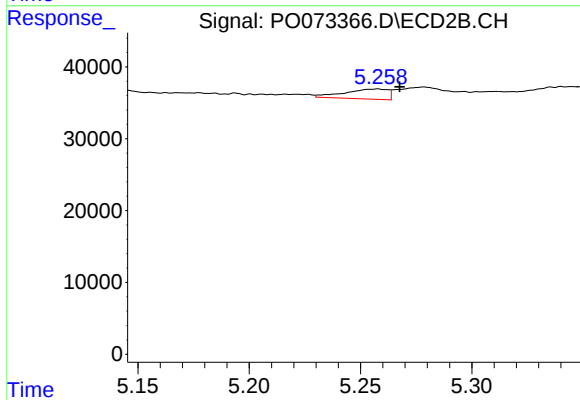
R.T.: 5.742 min
Delta R.T.: -0.015 min
Response: 72494
Conc: 145.93 ng/ml



#16 AR-1242-1

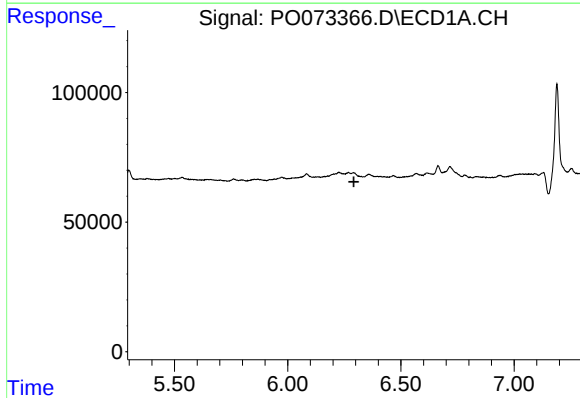
R.T.: 0.000 min
Exp R.T. : 6.268 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



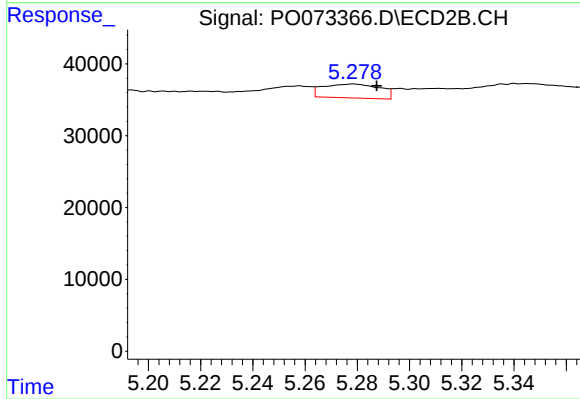
#16 AR-1242-1

R.T.: 5.258 min
Delta R.T.: -0.010 min
Response: 19037
Conc: 15.40 ng/ml



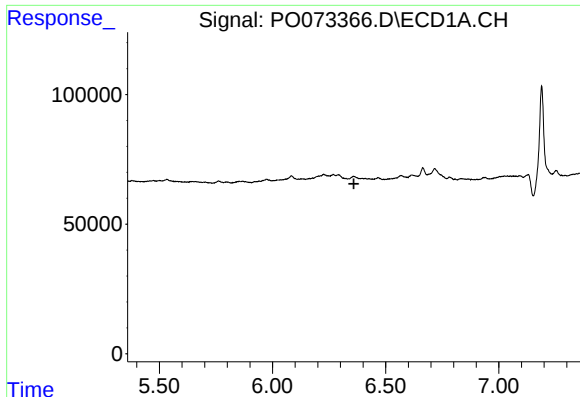
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.292 min
Response: 0
Conc: N.D.



#17 AR-1242-2

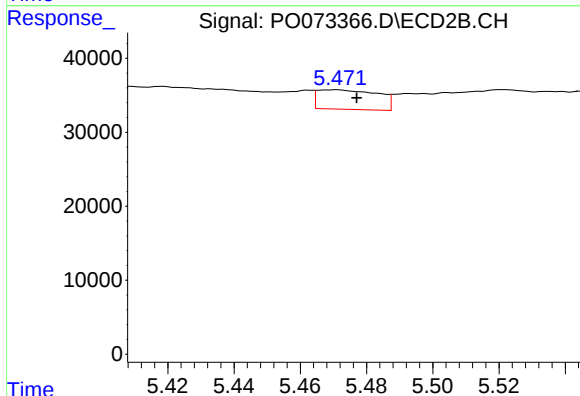
R.T.: 5.279 min
Delta R.T.: -0.009 min
Response: 29260
Conc: 17.54 ng/ml



#18 AR-1242-3

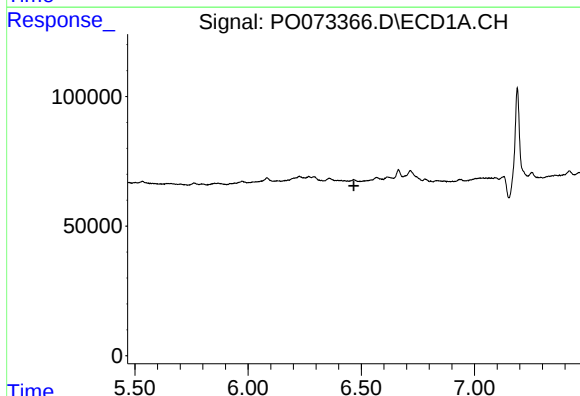
R.T.: 0.000 min
Exp R.T.: 6.360 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



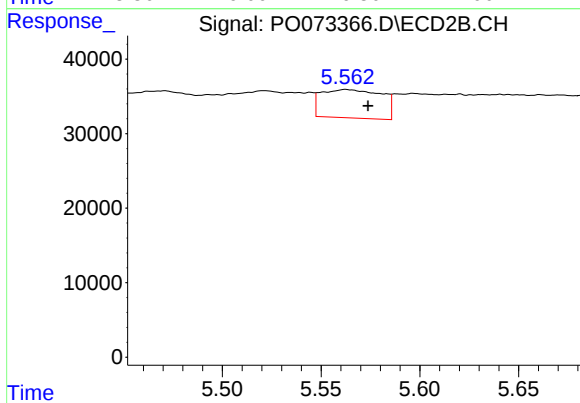
#18 AR-1242-3

R.T.: 5.471 min
Delta R.T.: -0.006 min
Response: 33372
Conc: 40.44 ng/ml



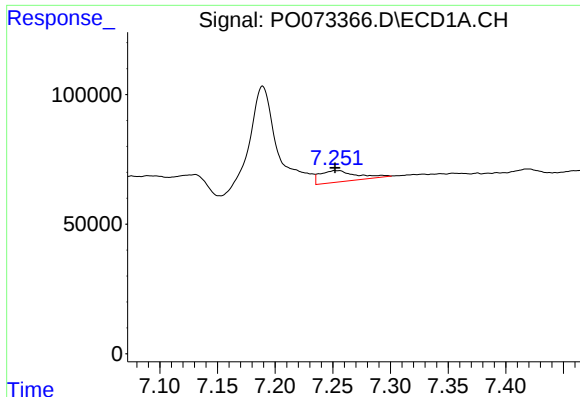
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.467 min
Response: 0
Conc: N.D.



#19 AR-1242-4

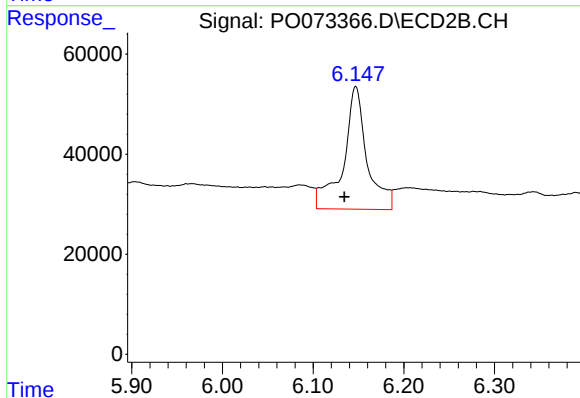
R.T.: 5.562 min
Delta R.T.: -0.011 min
Response: 80887
Conc: 91.44 ng/ml



#20 AR-1242-5

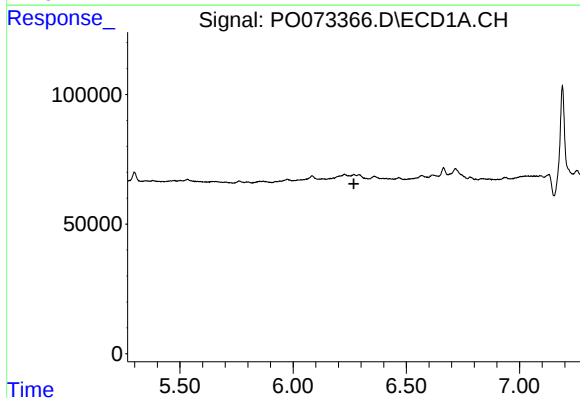
R.T.: 7.253 min
Delta R.T.: 0.001 min
Response: 96138
Conc: 60.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



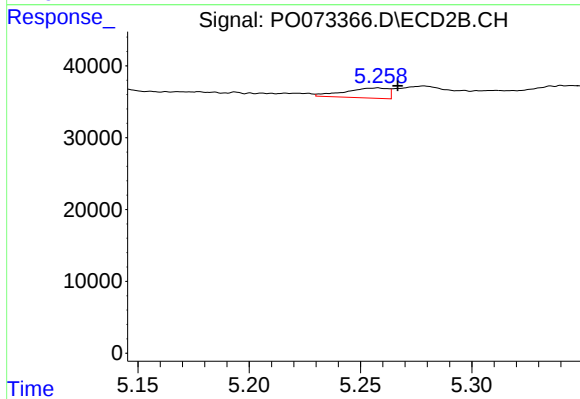
#20 AR-1242-5

R.T.: 6.147 min
Delta R.T.: 0.012 min
Response: 448025
Conc: 384.03 ng/ml



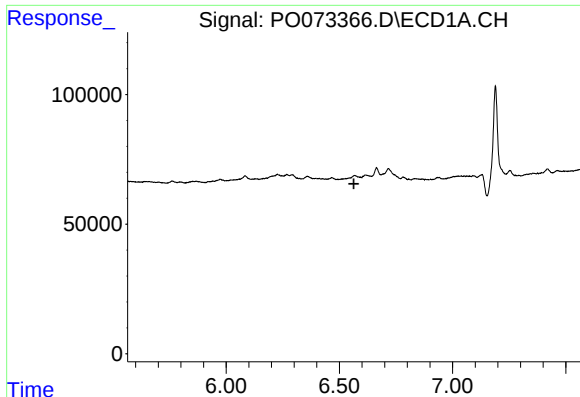
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.268 min
Response: 0
Conc: N.D.



#21 AR-1248-1

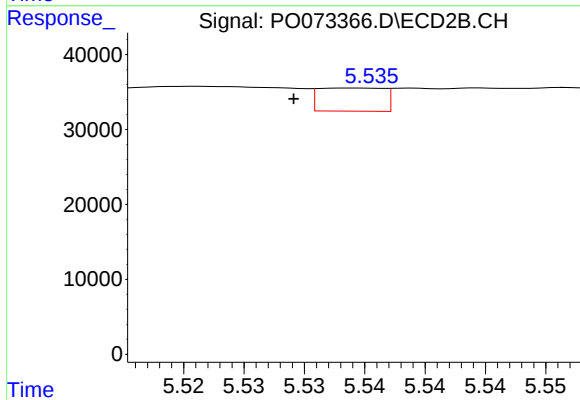
R.T.: 5.258 min
Delta R.T.: -0.009 min
Response: 19037
Conc: 20.22 ng/ml



#22 AR-1248-2

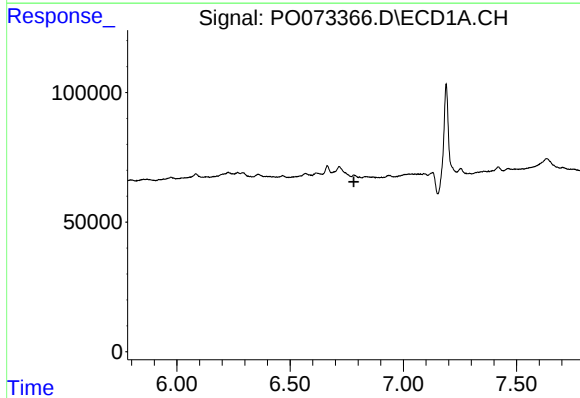
R.T.: 0.000 min
Exp R.T.: 6.564 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



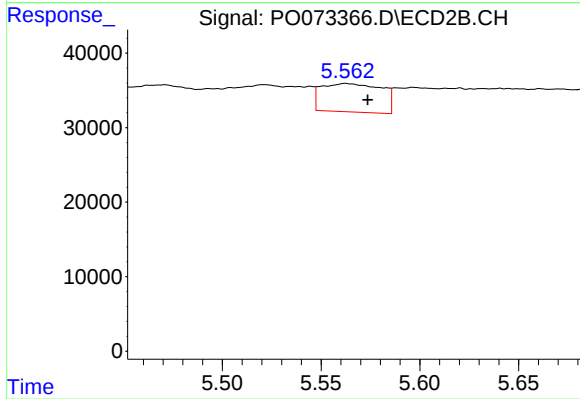
#22 AR-1248-2

R.T.: 5.534 min
Delta R.T.: 0.005 min
Response: 11564
Conc: 9.13 ng/ml



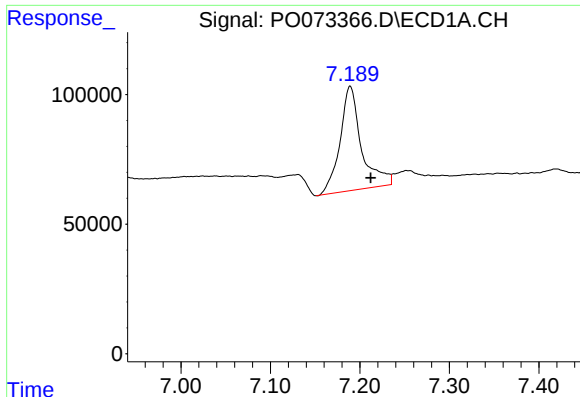
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.782 min
Response: 0
Conc: N.D.



#23 AR-1248-3

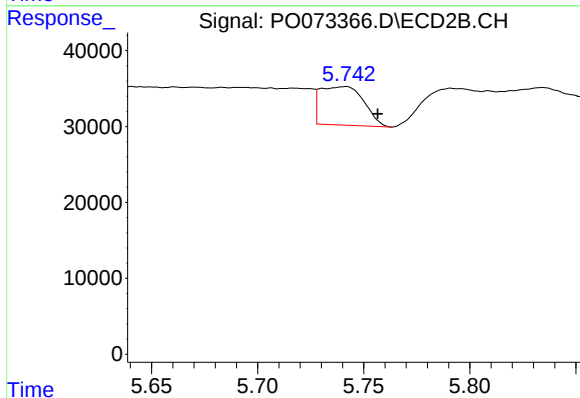
R.T.: 5.562 min
Delta R.T.: -0.011 min
Response: 80887
Conc: 61.50 ng/ml



#24 AR-1248-4

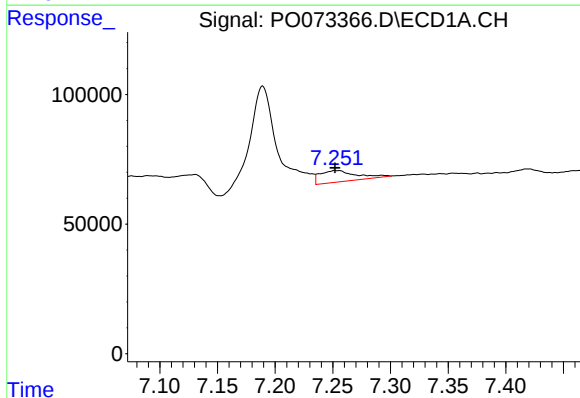
R.T.: 7.189 min
Delta R.T.: -0.023 min
Response: 670796
Conc: 225.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



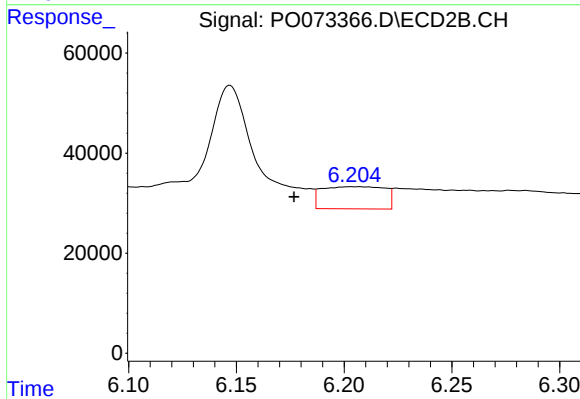
#24 AR-1248-4

R.T.: 5.742 min
Delta R.T.: -0.015 min
Response: 72494
Conc: 45.79 ng/ml



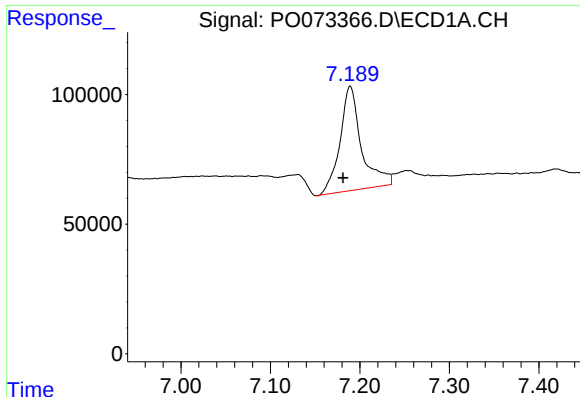
#25 AR-1248-5

R.T.: 7.253 min
Delta R.T.: 0.001 min
Response: 96138
Conc: 34.42 ng/ml



#25 AR-1248-5

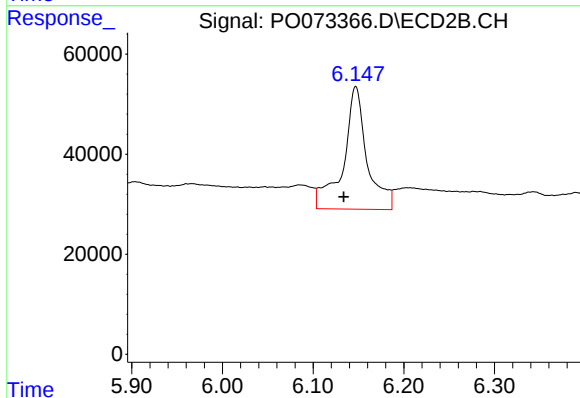
R.T.: 6.204 min
Delta R.T.: 0.027 min
Response: 90056
Conc: 54.31 ng/ml



#26 AR-1254-1

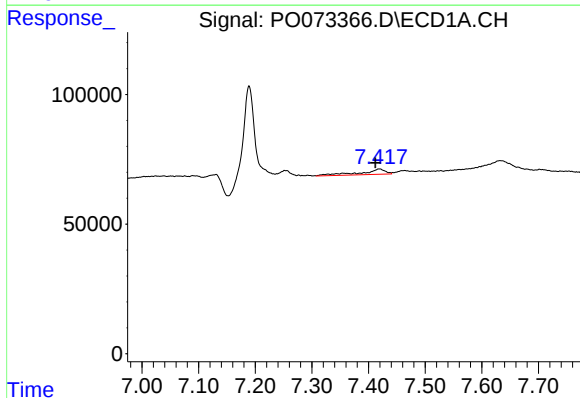
R.T.: 7.189 min
Delta R.T.: 0.008 min
Response: 670796
Conc: 227.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



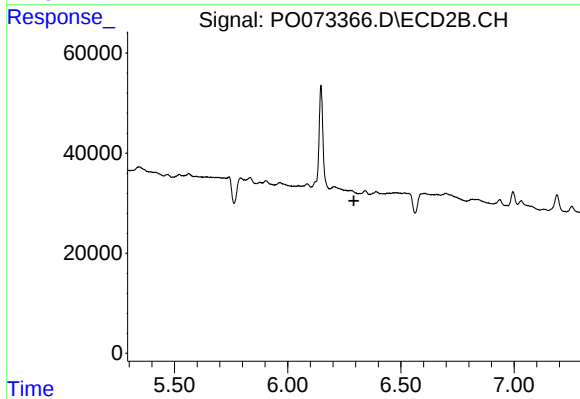
#26 AR-1254-1

R.T.: 6.147 min
Delta R.T.: 0.013 min
Response: 448025
Conc: 182.19 ng/ml



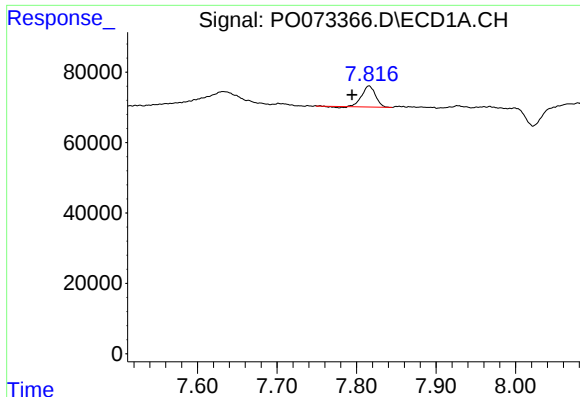
#27 AR-1254-2

R.T.: 7.419 min
Delta R.T.: 0.007 min
Response: 62753
Conc: 13.17 ng/ml



#27 AR-1254-2

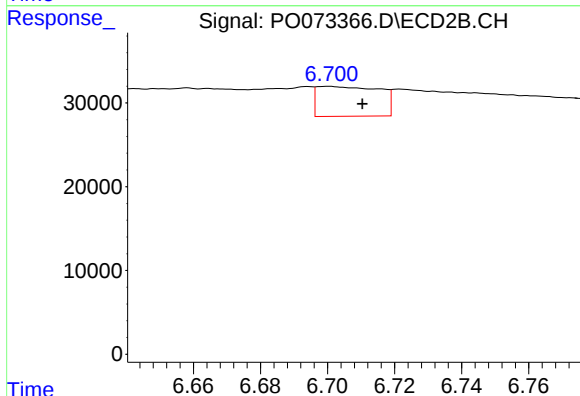
R.T.: 0.000 min
Exp R.T. : 6.293 min
Response: 0
Conc: N.D.



#28 AR-1254-3

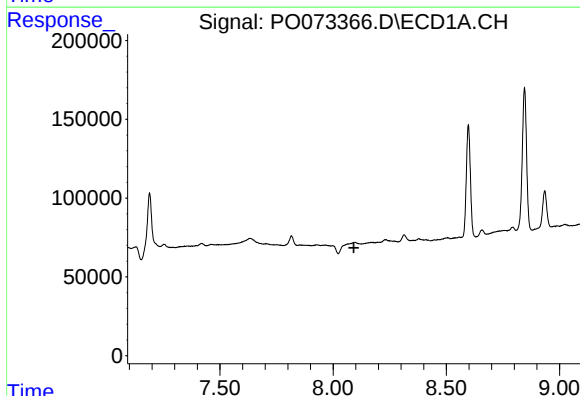
R.T.: 7.816 min
Delta R.T.: 0.021 min
Response: 69922
Conc: 14.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



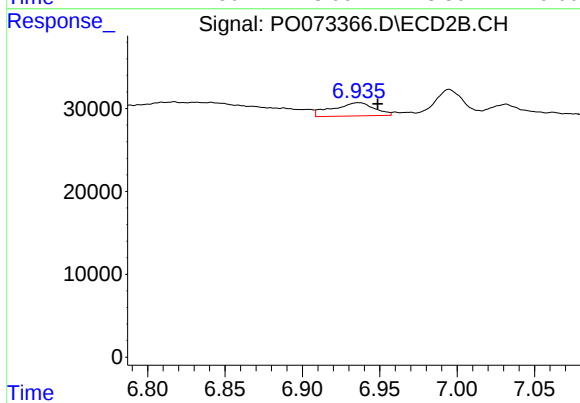
#28 AR-1254-3

R.T.: 6.701 min
Delta R.T.: -0.010 min
Response: 46065
Conc: 12.62 ng/ml



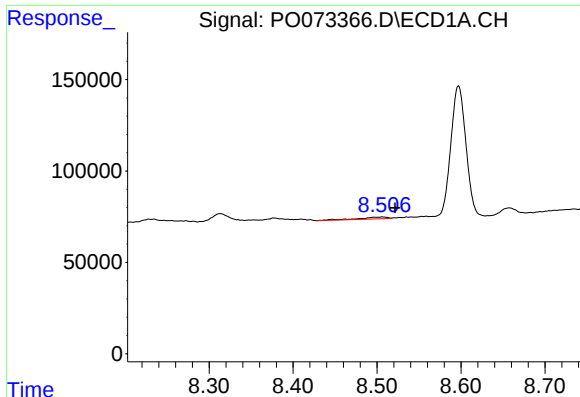
#29 AR-1254-4

R.T.: 8.095 min
Delta R.T.: 0.004 min
Response: -29578
Conc: N.D.



#29 AR-1254-4

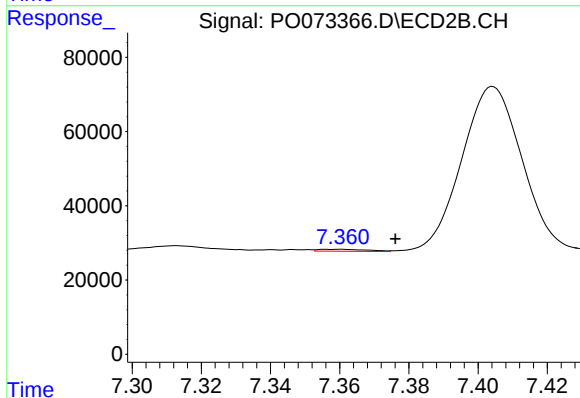
R.T.: 6.936 min
Delta R.T.: -0.013 min
Response: 30070
Conc: 12.57 ng/ml



#30 AR-1254-5

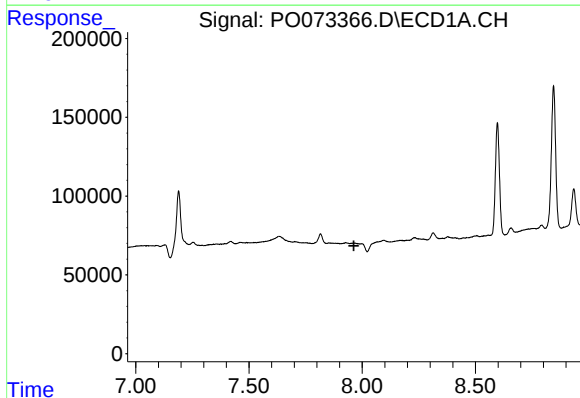
R.T.: 8.506 min
Delta R.T.: -0.015 min
Response: 23611
Conc: 5.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



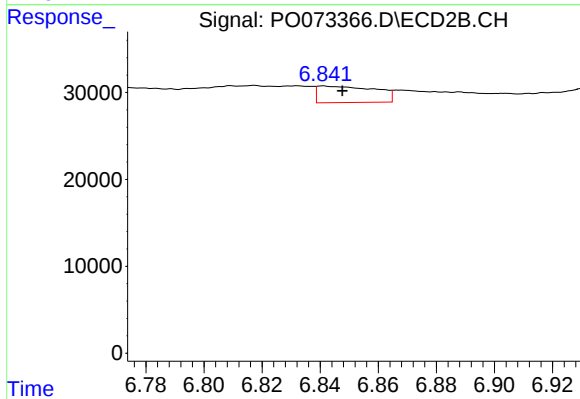
#30 AR-1254-5

R.T.: 7.360 min
Delta R.T.: -0.016 min
Response: 5122
Conc: 1.55 ng/ml



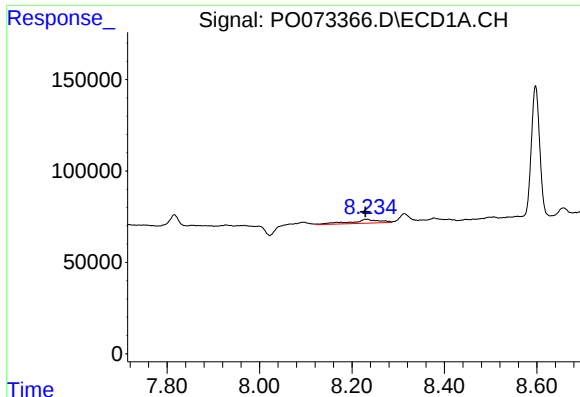
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.963 min
Response: 0
Conc: N.D.



#31 AR-1260-1

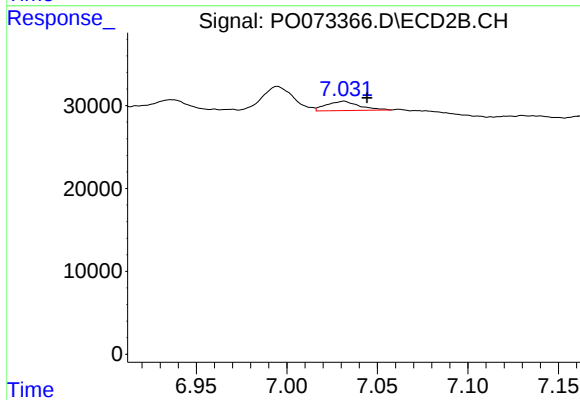
R.T.: 6.841 min
Delta R.T.: -0.007 min
Response: 26259
Conc: 11.59 ng/ml



#32 AR-1260-2

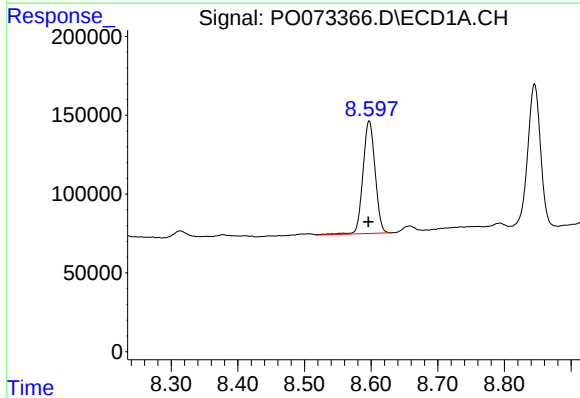
R.T.: 8.232 min
Delta R.T.: 0.003 min
Response: 94699
Conc: 22.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



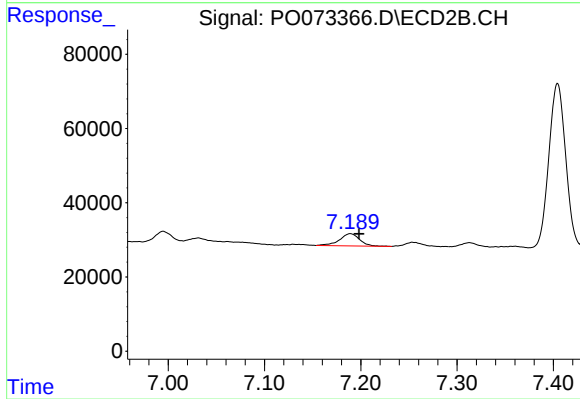
#32 AR-1260-2

R.T.: 7.032 min
Delta R.T.: -0.013 min
Response: 14164
Conc: 5.26 ng/ml



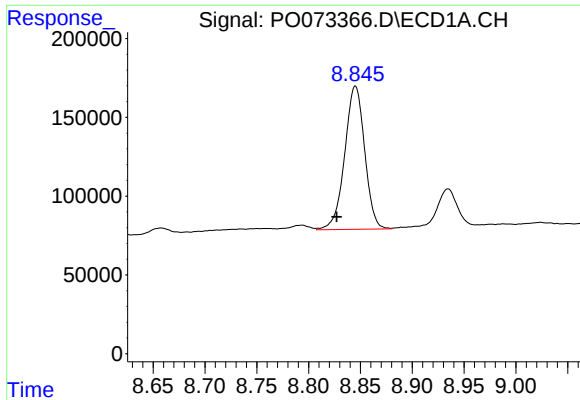
#33 AR-1260-3

R.T.: 8.597 min
Delta R.T.: 0.001 min
Response: 905003
Conc: 279.57 ng/ml



#33 AR-1260-3

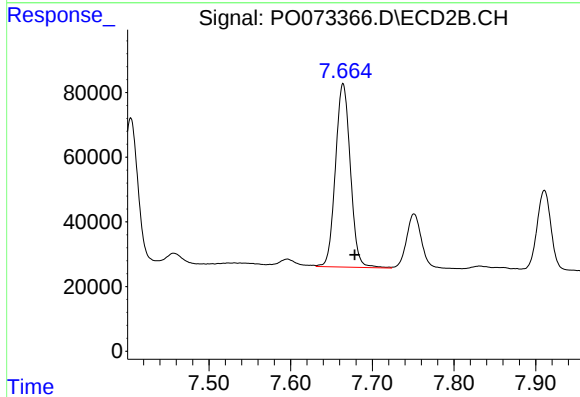
R.T.: 7.189 min
Delta R.T.: -0.009 min
Response: 47742
Conc: 19.39 ng/ml



#34 AR-1260-4

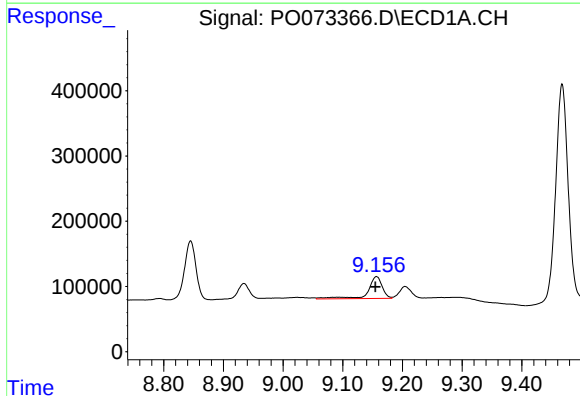
R.T.: 8.845 min
Delta R.T.: 0.018 min
Response: 1218687
Conc: 390.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



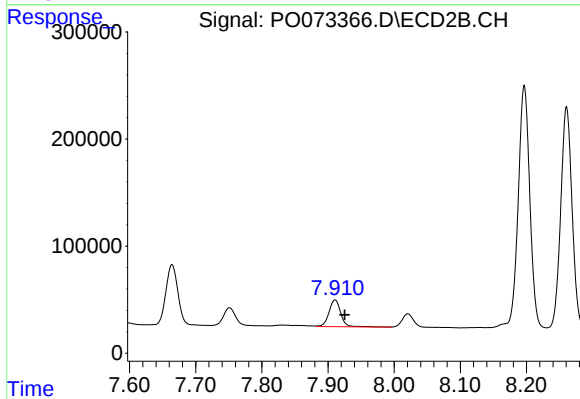
#34 AR-1260-4

R.T.: 7.664 min
Delta R.T.: -0.014 min
Response: 719090
Conc: 352.83 ng/ml



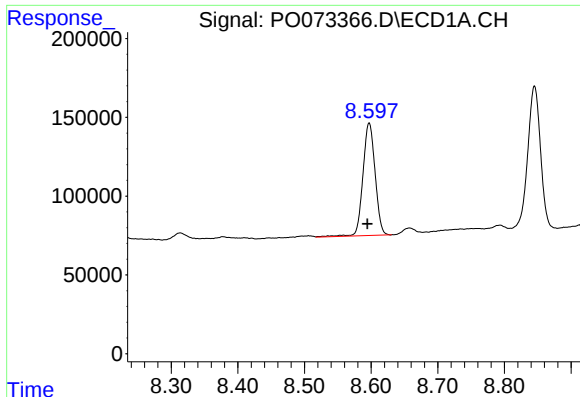
#35 AR-1260-5

R.T.: 9.156 min
Delta R.T.: 0.002 min
Response: 557736
Conc: 77.61 ng/ml



#35 AR-1260-5

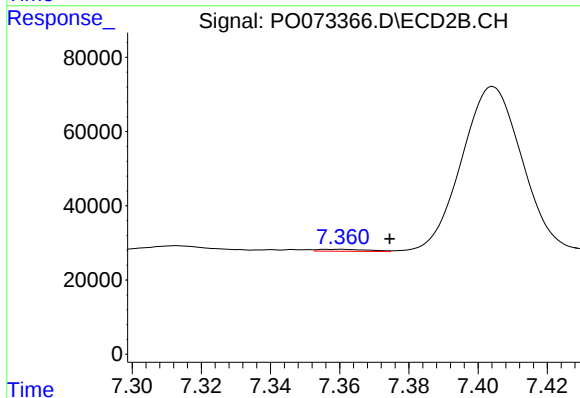
R.T.: 7.911 min
Delta R.T.: -0.014 min
Response: 314783
Conc: 66.50 ng/ml



#36 AR-1262-1

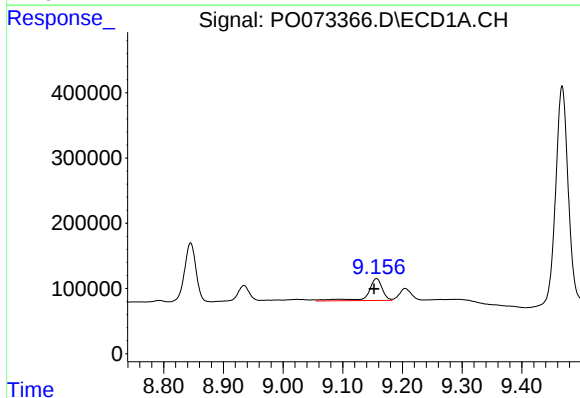
R.T.: 8.597 min
Delta R.T.: 0.003 min
Response: 905003
Conc: 183.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



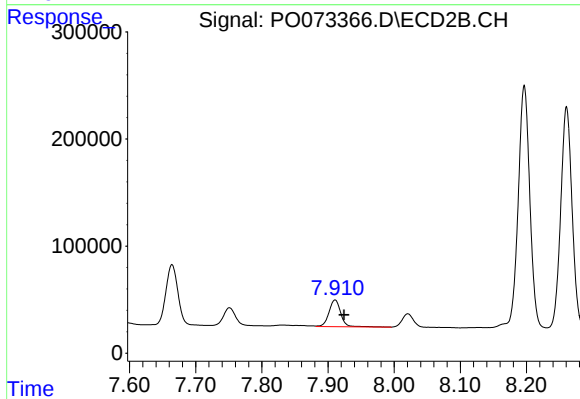
#36 AR-1262-1

R.T.: 7.360 min
Delta R.T.: -0.014 min
Response: 5122
Conc: 3.19 ng/ml



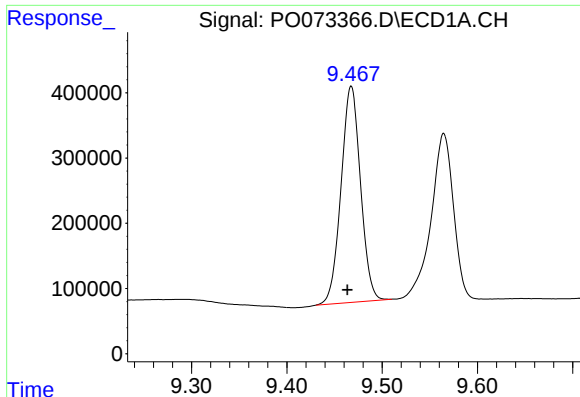
#37 AR-1262-2

R.T.: 9.156 min
Delta R.T.: 0.004 min
Response: 557736
Conc: 67.89 ng/ml



#37 AR-1262-2

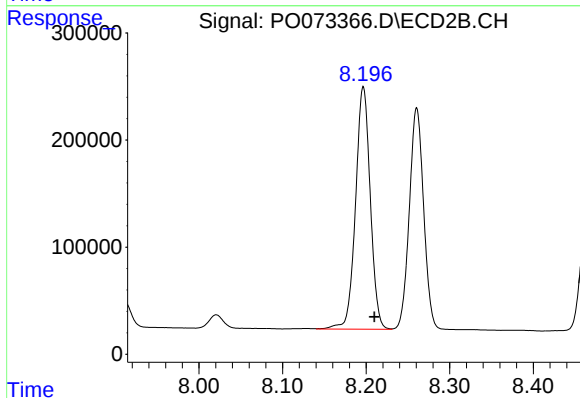
R.T.: 7.911 min
Delta R.T.: -0.014 min
Response: 314783
Conc: 59.95 ng/ml



#38 AR-1262-3

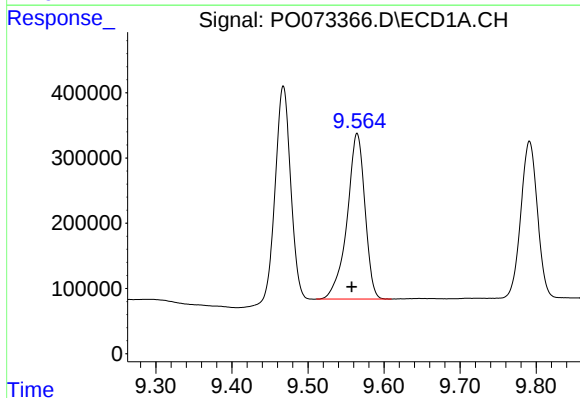
R.T.: 9.468 min
Delta R.T.: 0.004 min
Response: 4713751
Conc: 913.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



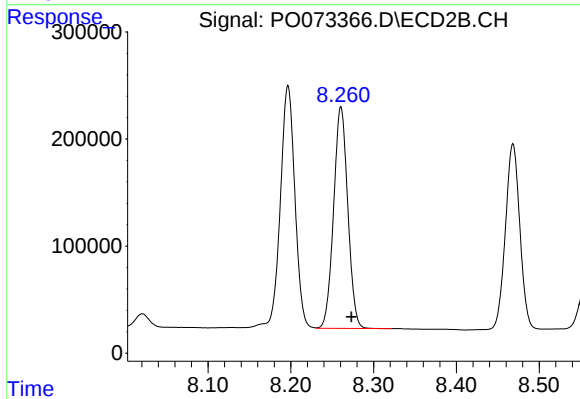
#38 AR-1262-3

R.T.: 8.197 min
Delta R.T.: -0.013 min
Response: 2777443
Conc: 1327.50 ng/ml



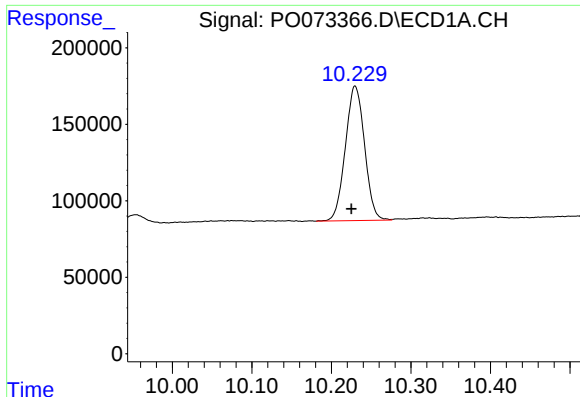
#39 AR-1262-4

R.T.: 9.565 min
Delta R.T.: 0.007 min
Response: 4131481
Conc: 1044.30 ng/ml



#39 AR-1262-4

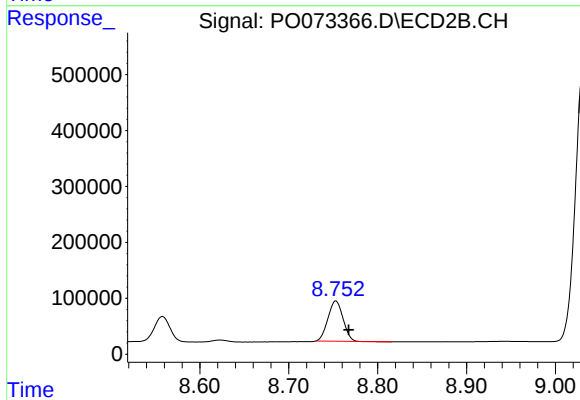
R.T.: 8.261 min
Delta R.T.: -0.012 min
Response: 2464566
Conc: 649.96 ng/ml



#40 AR-1262-5

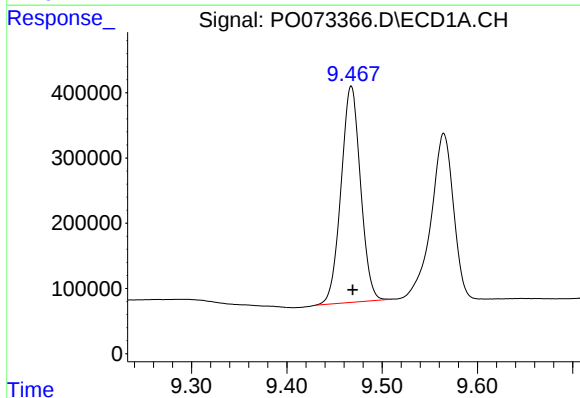
R.T.: 10.230 min
Delta R.T.: 0.005 min
Response: 1473634
Conc: 538.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



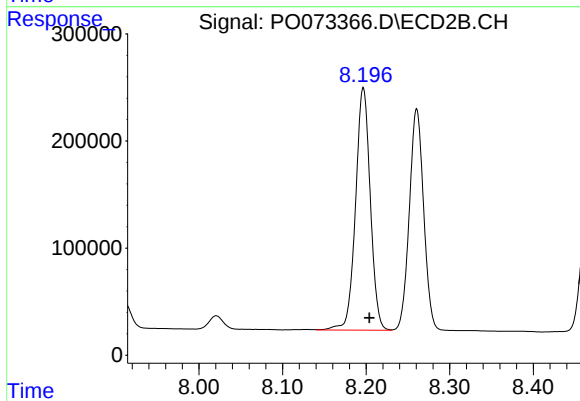
#40 AR-1262-5

R.T.: 8.753 min
Delta R.T.: -0.014 min
Response: 848871
Conc: 493.39 ng/ml



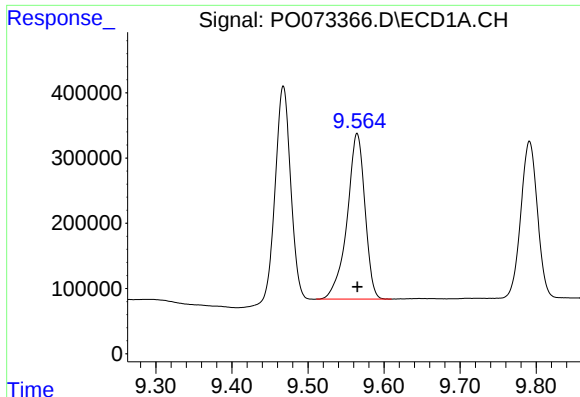
#41 AR-1268-1

R.T.: 9.468 min
Delta R.T.: -0.002 min
Response: 4713751
Conc: 449.64 ng/ml



#41 AR-1268-1

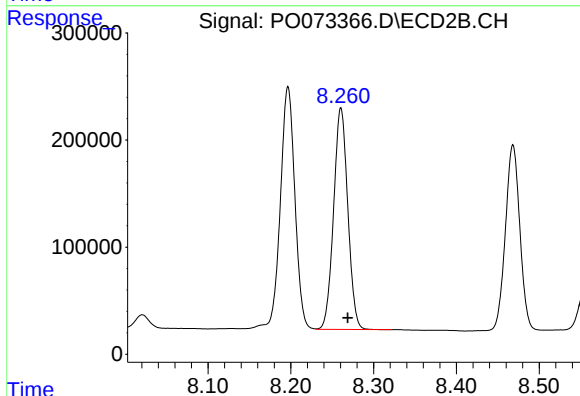
R.T.: 8.197 min
Delta R.T.: -0.007 min
Response: 2777443
Conc: 466.04 ng/ml



#42 AR-1268-2

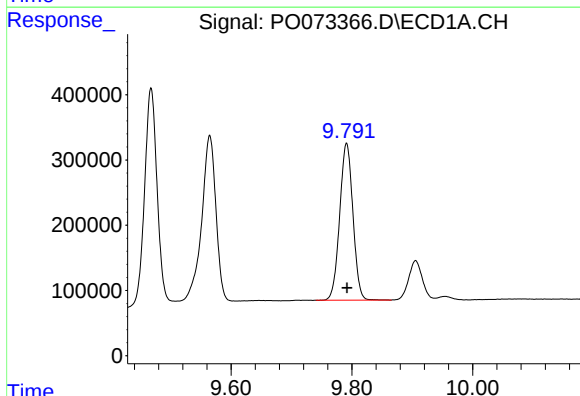
R.T.: 9.565 min
Delta R.T.: 0.000 min
Response: 4131481
Conc: 451.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



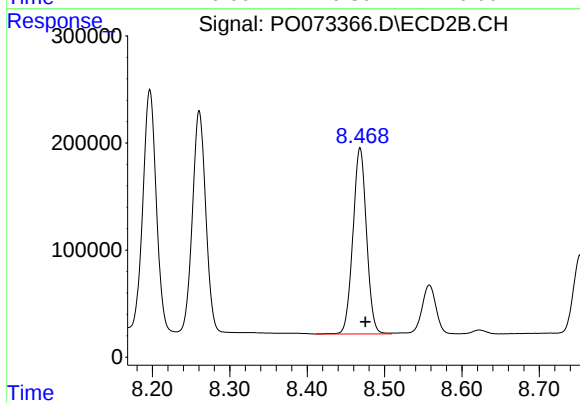
#42 AR-1268-2

R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 2464566
Conc: 468.78 ng/ml



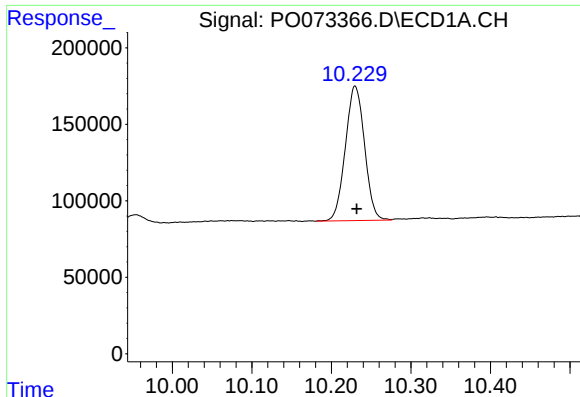
#43 AR-1268-3

R.T.: 9.791 min
Delta R.T.: 0.000 min
Response: 3660444
Conc: 441.93 ng/ml



#43 AR-1268-3

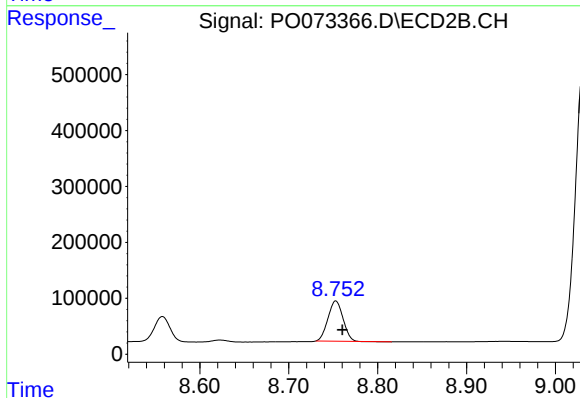
R.T.: 8.468 min
Delta R.T.: -0.007 min
Response: 2123478
Conc: 466.35 ng/ml



#44 AR-1268-4

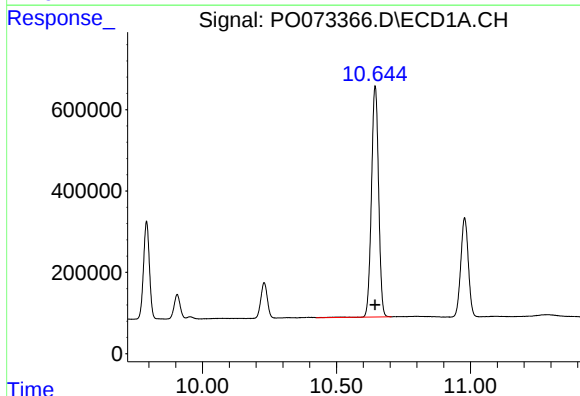
R.T.: 10.230 min
Delta R.T.: -0.002 min
Response: 1473634
Conc: 468.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



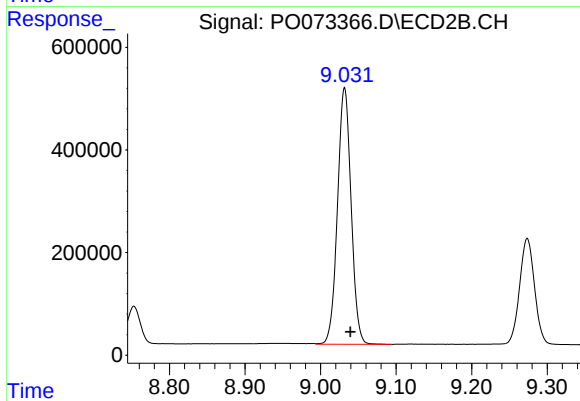
#44 AR-1268-4

R.T.: 8.753 min
Delta R.T.: -0.008 min
Response: 848871
Conc: 459.82 ng/ml



#45 AR-1268-5

R.T.: 10.644 min
Delta R.T.: 0.000 min
Response: 10502760
Conc: 424.81 ng/ml



#45 AR-1268-5

R.T.: 9.032 min
Delta R.T.: -0.008 min
Response: 6261521
Conc: 435.92 ng/ml