

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121620\
 Data File : PO073868.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Dec 2020 11:28
 Operator : DD\AJ
 Sample : L5090-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 14:02:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 11 03:58:06 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...	4.936	3.996	2063413	1224172	22.569	22.823
2)	SA Decachlor...	10.957	9.258	3428218	1944079	41.484	41.548
Target Compounds							
3)	L1 AR-1016-1	6.259	5.244	789245	65052	224.614	29.781 #
4)	L1 AR-1016-2	6.283	5.264	1220407	119067	249.689	39.347 #
5)	L1 AR-1016-3	6.349	5.455	660498	89420	224.227	54.851 #
6)	L1 AR-1016-4	6.457	5.506	506260	121777	205.411	92.346 #
7)	L1 AR-1016-5	6.771	5.730	190267	125526	80.136	76.607
8)	L2 AR-1221-1	5.189	0.000	136617	0	128.941	N.D. #
9)	L2 AR-1221-2	5.291	0.000	205573	0	261.711	N.D. #
10)	L2 AR-1221-3	5.388	4.439	278372	52510	114.432	34.433 #
11)	L3 AR-1232-1	5.388	4.439	278372	52510	134.999	40.628 #
12)	L3 AR-1232-2	5.966	5.264	1096222	119067	1025.239	89.599 #
13)	L3 AR-1232-3	6.283	5.455	1220407	89420	568.703	122.872 #
14)	L3 AR-1232-4	6.457	5.550	506260	84928	475.369	139.139 #
15)	L3 AR-1232-5	6.555	5.730	482050	125526	673.268	187.822 #
16)	L4 AR-1242-1	6.259	5.264	789245	119067	278.468	67.697 #
17)	L4 AR-1242-2	6.283	5.264	1220407	119067	313.350	48.683 #
18)	L4 AR-1242-3	6.349	5.455	660498	89420	278.449	68.326 #
19)	L4 AR-1242-4	6.457	5.550	506260	84928	256.833	67.860 #
20)	L4 AR-1242-5	7.241	6.109	489073	444927	223.951	261.016
21)	L5 AR-1248-1	6.259	5.244	789245	65052	363.223	47.512 #
22)	L5 AR-1248-2	6.555	5.506	482050	121777	172.497	65.633 #
23)	L5 AR-1248-3	6.771	5.550	190267	84928	58.097	45.267
24)	L5 AR-1248-4	7.202	5.730	449306	125526	112.350	55.769 #
25)	L5 AR-1248-5	7.241	6.133f	489073	415973	129.324	179.032 #
26)	L6 AR-1254-1	7.175	6.109	1101336	444927	290.147	125.897 #
27)	L6 AR-1254-2	7.404	6.268	873571	283222	148.168	90.718 #
28)	L6 AR-1254-3	7.787	6.685	1172292	492123	191.326	100.515 #
29)	L6 AR-1254-4	8.081	6.923	845470	405065	161.165	115.500 #
30)	L6 AR-1254-5	8.511	7.350	743243	2174084	144.304	493.031 #
31)	L7 AR-1260-1	7.950	6.822	646657	392570	153.003	126.992
32)	L7 AR-1260-2	8.218	7.019	1453764	679326	258.778	167.465 #
33)	L7 AR-1260-3	8.584	7.171	554506	402187	121.306	115.229
34)	L7 AR-1260-4	8.814	7.651	413839	260879	87.411	86.391
35)	L7 AR-1260-5	9.142	7.897	932266	1320330	93.416	176.749 #
36)	L8 AR-1262-1	8.584	7.350	554506	2174084	74.071	869.703 #
37)	L8 AR-1262-2	9.142	7.897	932266	1320330	72.686	150.099 #
38)	L8 AR-1262-3	9.452	8.183	971676	409150	114.533	113.153
39)	L8 AR-1262-4	9.547	8.246	761972	513581	227.824	83.467 #
40)	L8 AR-1262-5	10.212	8.740	405397	260116	89.690	91.366
41)	L9 AR-1268-1	9.452	8.183	971676	409150	68.221	42.516 #

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 Acq On : 16 Dec 2020 11:28
 Operator : DD\AJ
 Sample : L5090-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

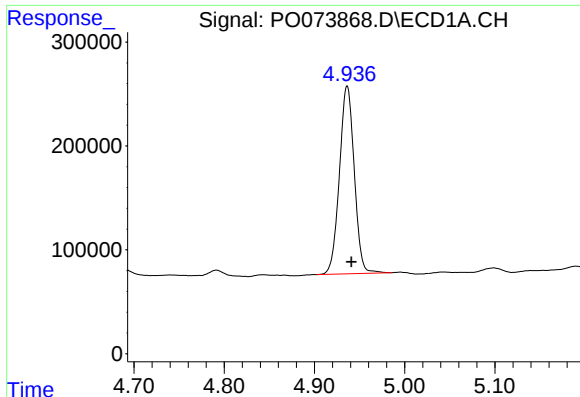
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 14:02:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121020.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	9.547	8.246	761972	513581	61.813	62.338
43) L9	AR-1268-3	9.773	8.452	279060	154977	25.712	21.949
44) L9	AR-1268-4	10.212	8.740	405397	260116	86.540	87.877
45) L9	AR-1268-5	10.621	9.017	1151802	665192	35.195	33.110

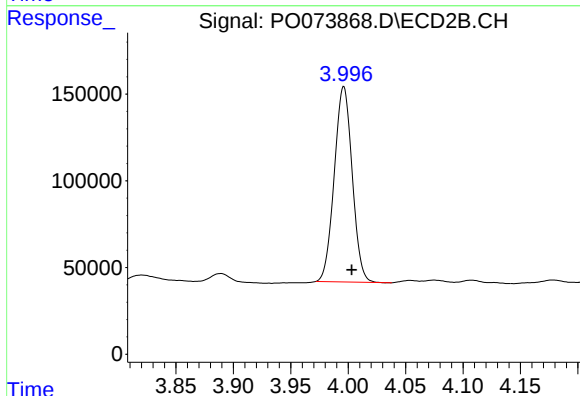
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

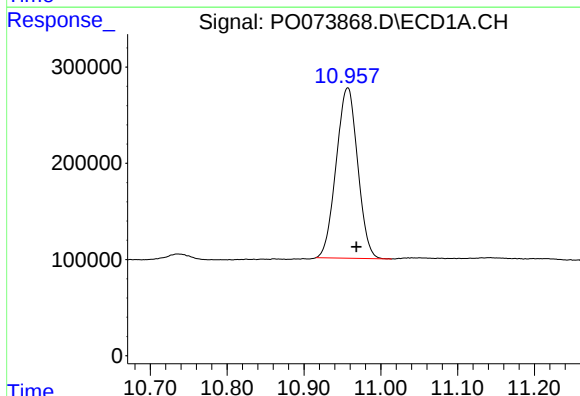
R.T.: 4.936 min
Delta R.T.: -0.005 min
Response: 2063413
Conc: 22.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



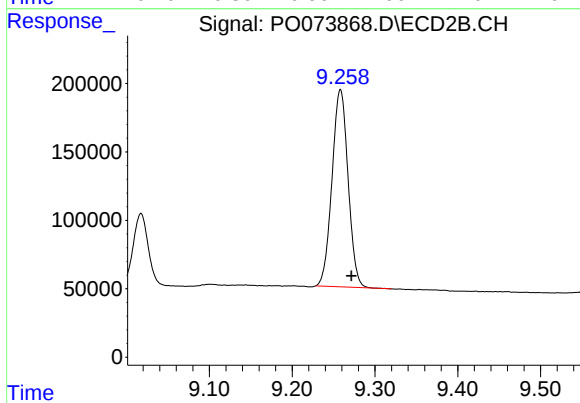
#1 Tetrachloro-m-xylene

R.T.: 3.996 min
Delta R.T.: -0.007 min
Response: 1224172
Conc: 22.82 ng/ml



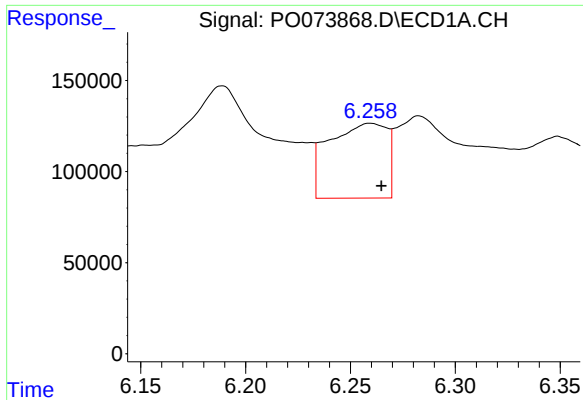
#2 Decachlorobiphenyl

R.T.: 10.957 min
Delta R.T.: -0.011 min
Response: 3428218
Conc: 41.48 ng/ml



#2 Decachlorobiphenyl

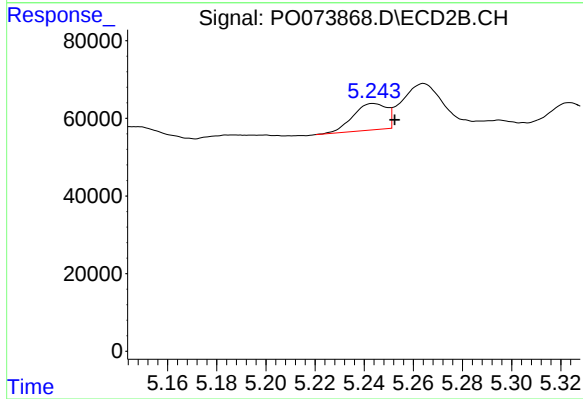
R.T.: 9.258 min
Delta R.T.: -0.013 min
Response: 1944079
Conc: 41.55 ng/ml



#3 AR-1016-1

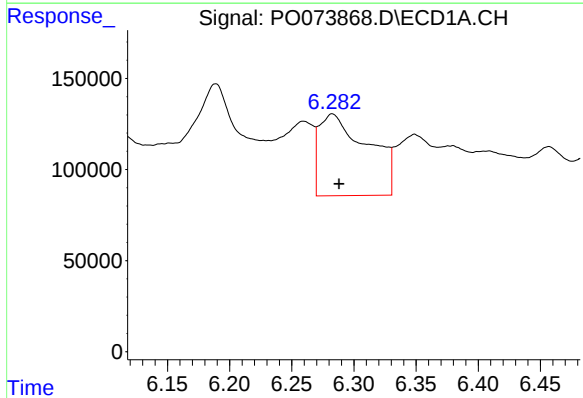
R.T.: 6.259 min
Delta R.T.: -0.005 min
Response: 789245
Conc: 224.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



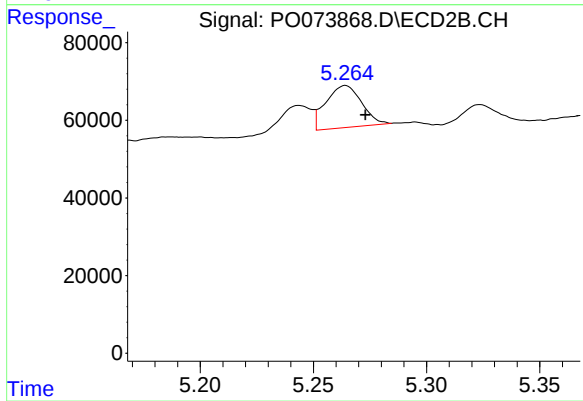
#3 AR-1016-1

R.T.: 5.244 min
Delta R.T.: -0.009 min
Response: 65052
Conc: 29.78 ng/ml



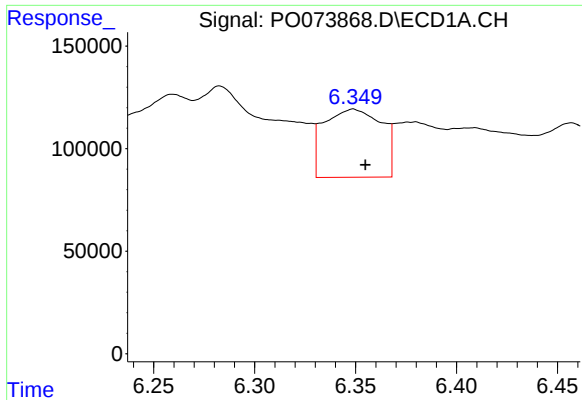
#4 AR-1016-2

R.T.: 6.283 min
Delta R.T.: -0.006 min
Response: 1220407
Conc: 249.69 ng/ml



#4 AR-1016-2

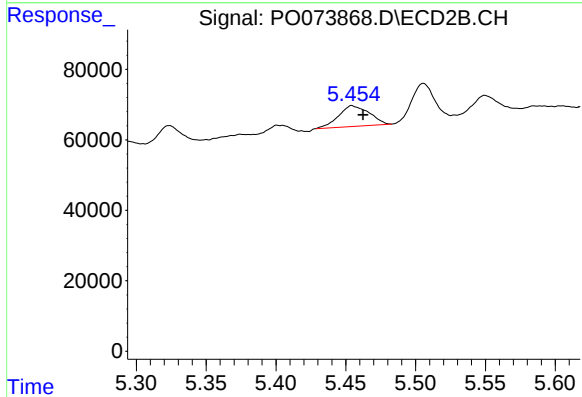
R.T.: 5.264 min
Delta R.T.: -0.009 min
Response: 119067
Conc: 39.35 ng/ml



#5 AR-1016-3

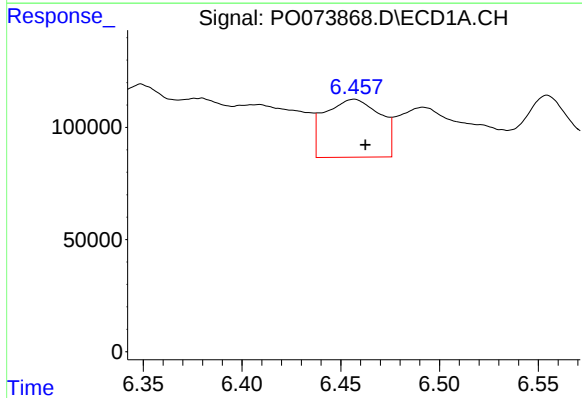
R.T.: 6.349 min
Delta R.T.: -0.006 min
Response: 660498
Conc: 224.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



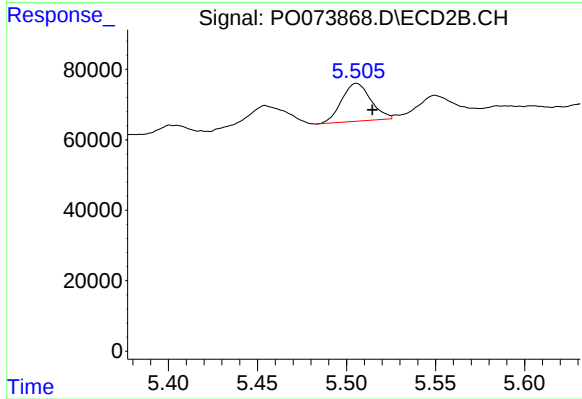
#5 AR-1016-3

R.T.: 5.455 min
Delta R.T.: -0.008 min
Response: 89420
Conc: 54.85 ng/ml



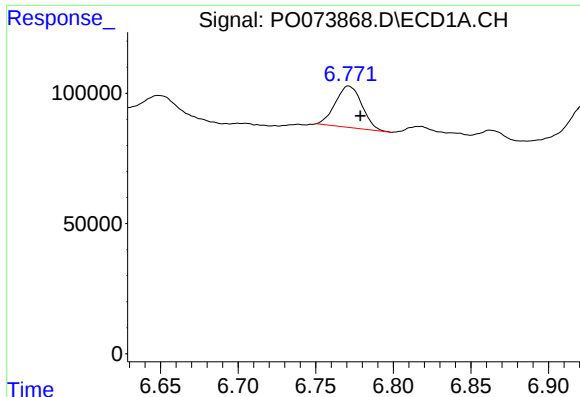
#6 AR-1016-4

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 506260
Conc: 205.41 ng/ml



#6 AR-1016-4

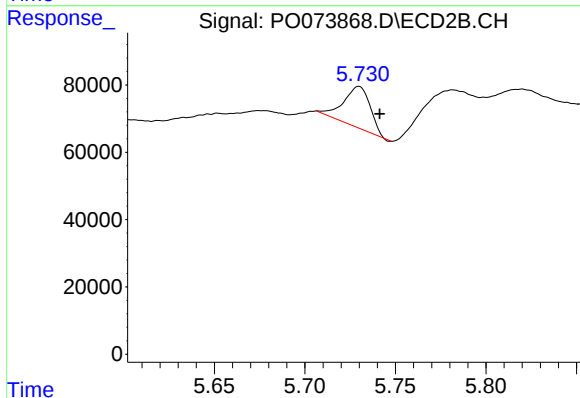
R.T.: 5.506 min
Delta R.T.: -0.009 min
Response: 121777
Conc: 92.35 ng/ml



#7 AR-1016-5

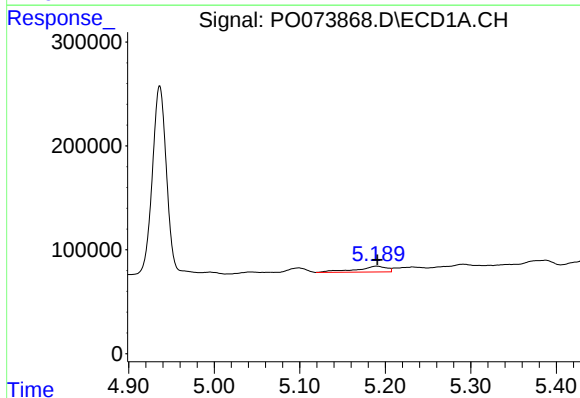
R.T.: 6.771 min
Delta R.T.: -0.008 min
Response: 190267
Conc: 80.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



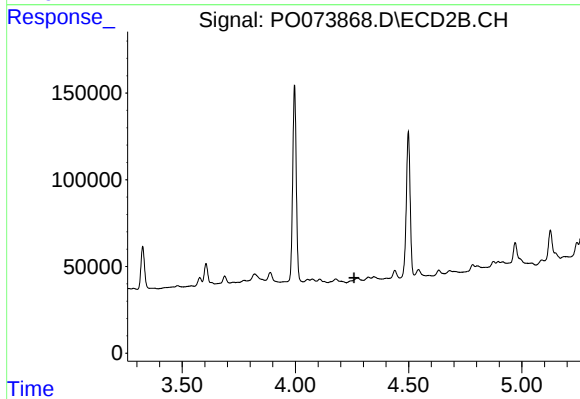
#7 AR-1016-5

R.T.: 5.730 min
Delta R.T.: -0.012 min
Response: 125526
Conc: 76.61 ng/ml



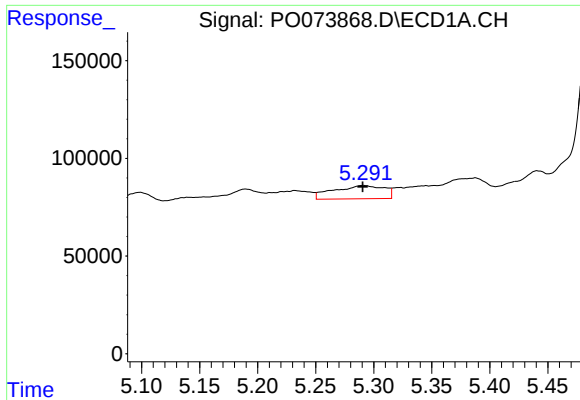
#8 AR-1221-1

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 136617
Conc: 128.94 ng/ml



#8 AR-1221-1

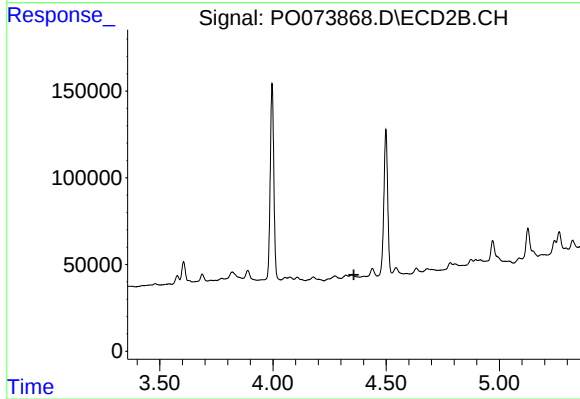
R.T.: 0.000 min
Exp R.T.: 4.259 min
Response: 0
Conc: N.D.



#9 AR-1221-2

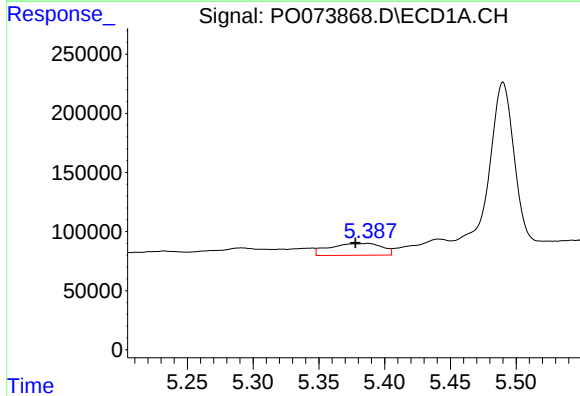
R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 205573
Conc: 261.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



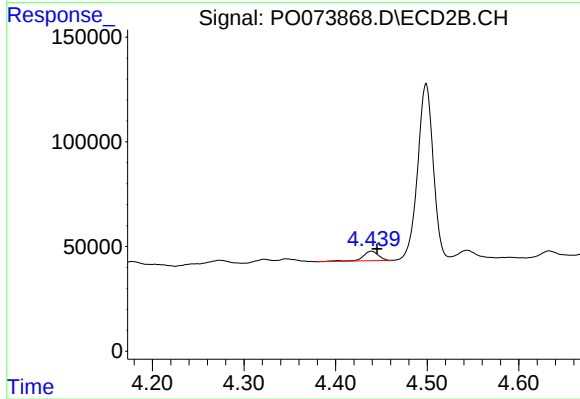
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.357 min
Response: 0
Conc: N.D.



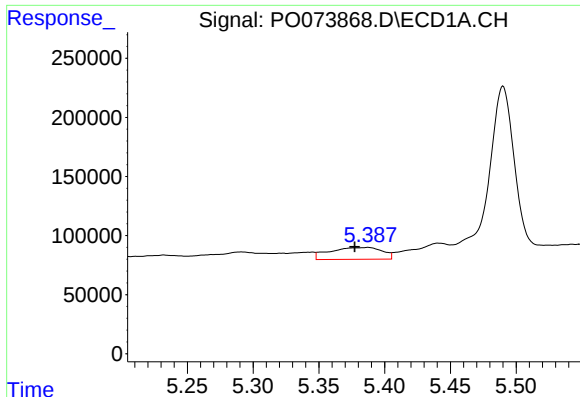
#10 AR-1221-3

R.T.: 5.388 min
Delta R.T.: 0.010 min
Response: 278372
Conc: 114.43 ng/ml



#10 AR-1221-3

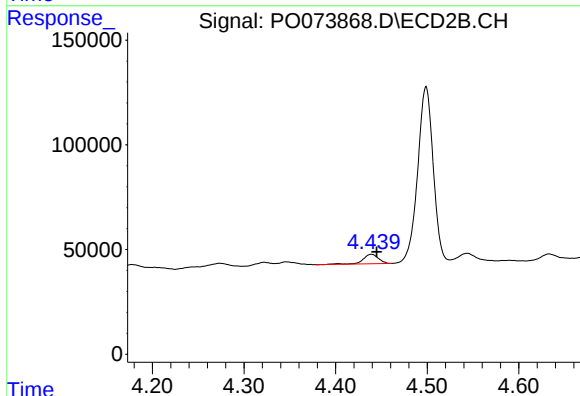
R.T.: 4.439 min
Delta R.T.: -0.006 min
Response: 52510
Conc: 34.43 ng/ml



#11 AR-1232-1

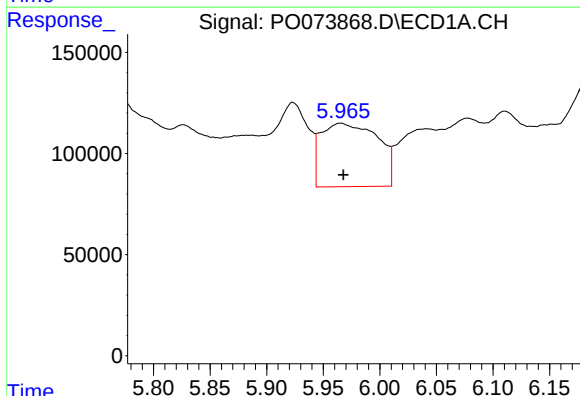
R.T.: 5.388 min
Delta R.T.: 0.010 min
Response: 278372
Conc: 135.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



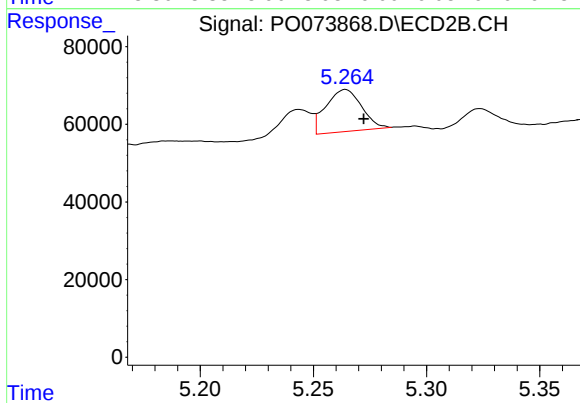
#11 AR-1232-1

R.T.: 4.439 min
Delta R.T.: -0.006 min
Response: 52510
Conc: 40.63 ng/ml



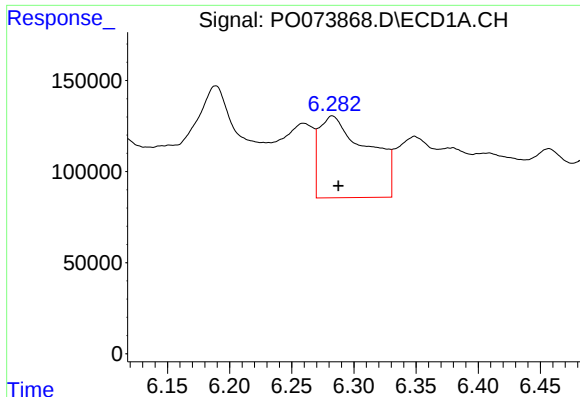
#12 AR-1232-2

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 1096222
Conc: 1025.24 ng/ml



#12 AR-1232-2

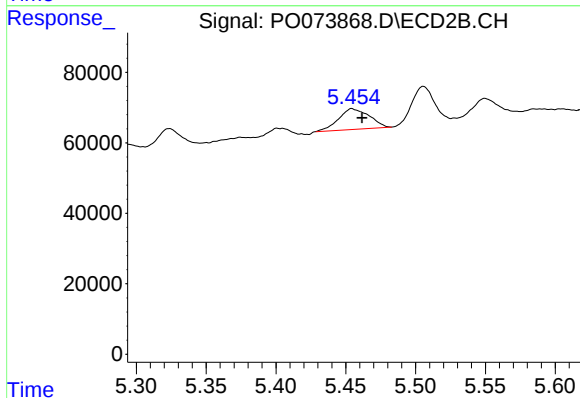
R.T.: 5.264 min
Delta R.T.: -0.008 min
Response: 119067
Conc: 89.60 ng/ml



#13 AR-1232-3

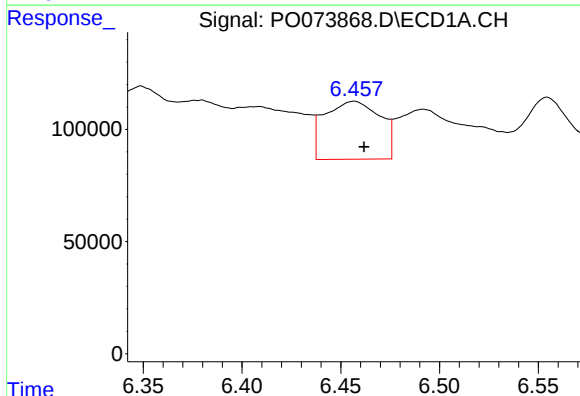
R.T.: 6.283 min
Delta R.T.: -0.005 min
Response: 1220407
Conc: 568.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



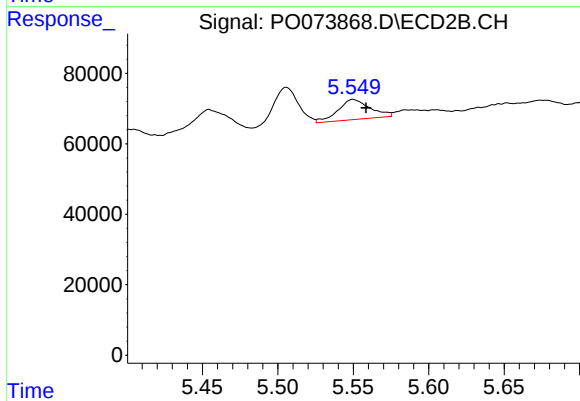
#13 AR-1232-3

R.T.: 5.455 min
Delta R.T.: -0.007 min
Response: 89420
Conc: 122.87 ng/ml



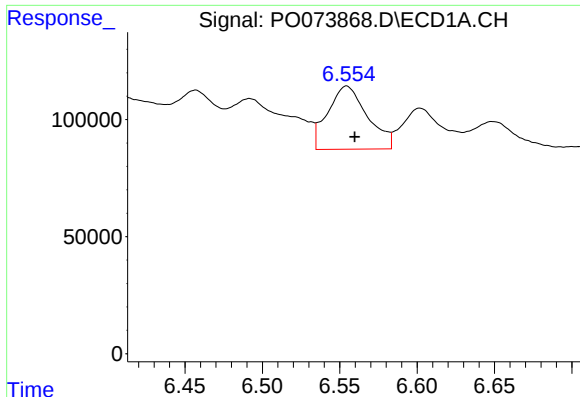
#14 AR-1232-4

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 506260
Conc: 475.37 ng/ml



#14 AR-1232-4

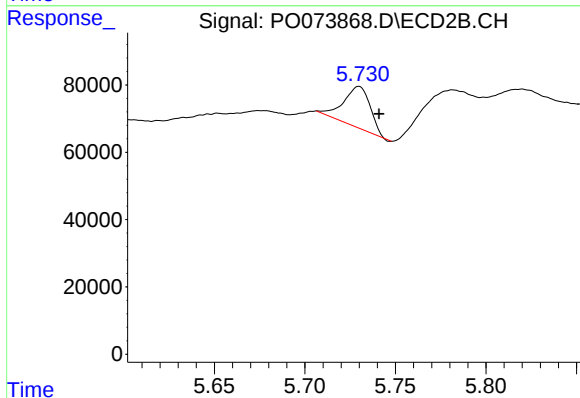
R.T.: 5.550 min
Delta R.T.: -0.009 min
Response: 84928
Conc: 139.14 ng/ml



#15 AR-1232-5

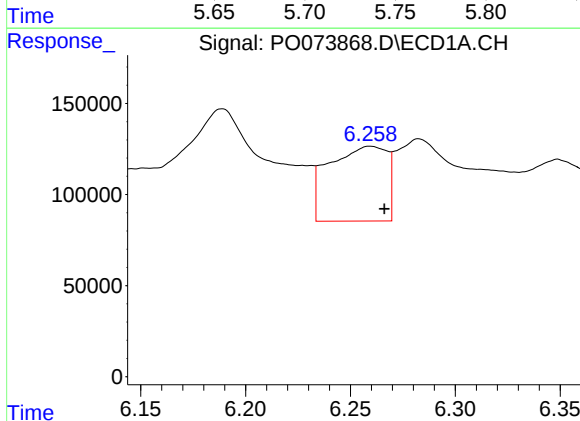
R.T.: 6.555 min
Delta R.T.: -0.005 min
Response: 482050
Conc: 673.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



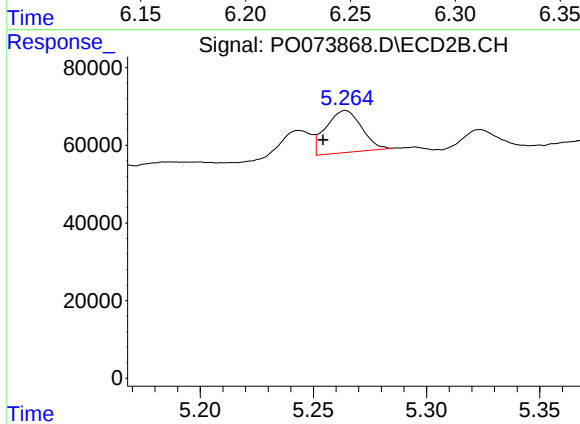
#15 AR-1232-5

R.T.: 5.730 min
Delta R.T.: -0.011 min
Response: 125526
Conc: 187.82 ng/ml



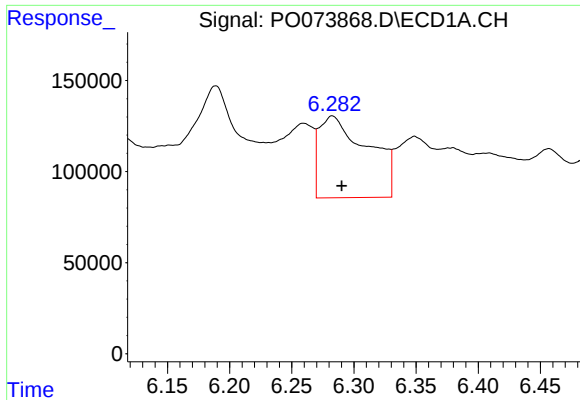
#16 AR-1242-1

R.T.: 6.259 min
Delta R.T.: -0.007 min
Response: 789245
Conc: 278.47 ng/ml



#16 AR-1242-1

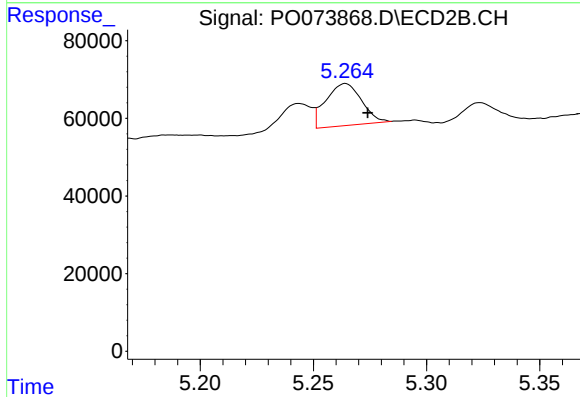
R.T.: 5.264 min
Delta R.T.: 0.010 min
Response: 119067
Conc: 67.70 ng/ml



#17 AR-1242-2

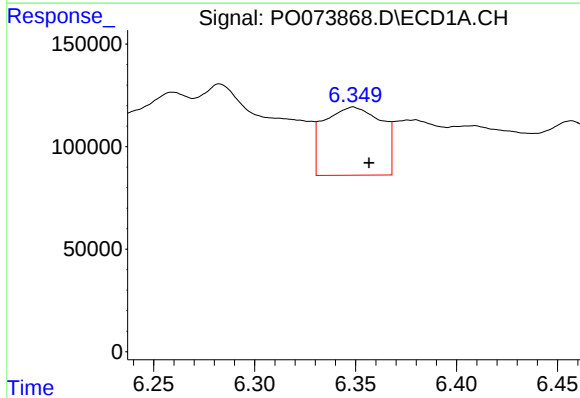
R.T.: 6.283 min
Delta R.T.: -0.008 min
Response: 1220407
Conc: 313.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



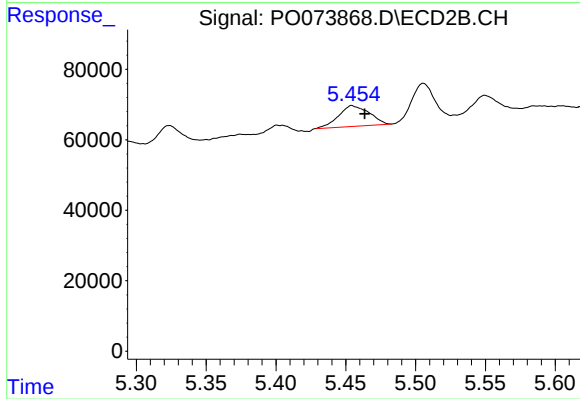
#17 AR-1242-2

R.T.: 5.264 min
Delta R.T.: -0.010 min
Response: 119067
Conc: 48.68 ng/ml



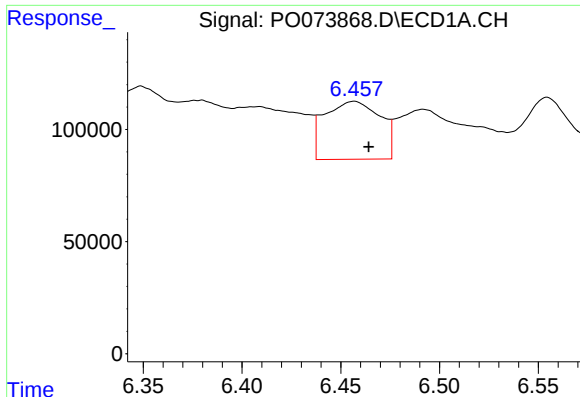
#18 AR-1242-3

R.T.: 6.349 min
Delta R.T.: -0.008 min
Response: 660498
Conc: 278.45 ng/ml



#18 AR-1242-3

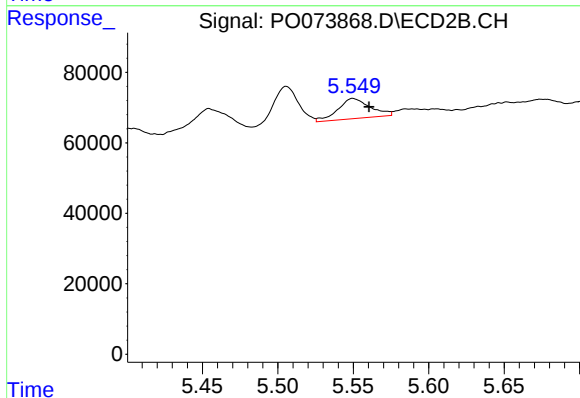
R.T.: 5.455 min
Delta R.T.: -0.009 min
Response: 89420
Conc: 68.33 ng/ml



#19 AR-1242-4

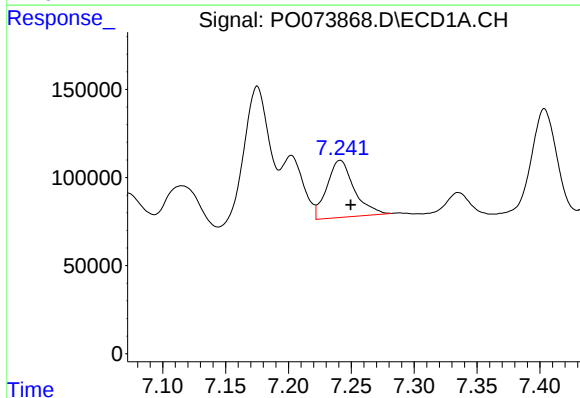
R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 506260
Conc: 256.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



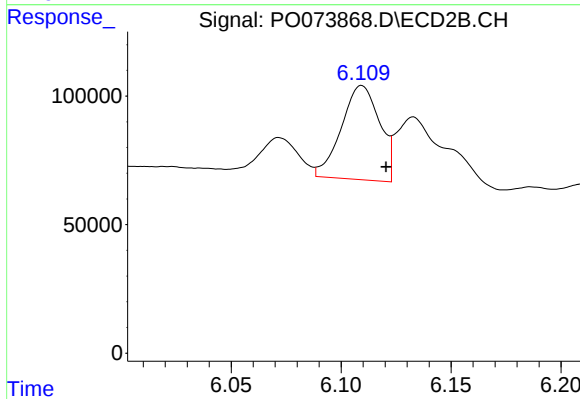
#19 AR-1242-4

R.T.: 5.550 min
Delta R.T.: -0.011 min
Response: 84928
Conc: 67.86 ng/ml



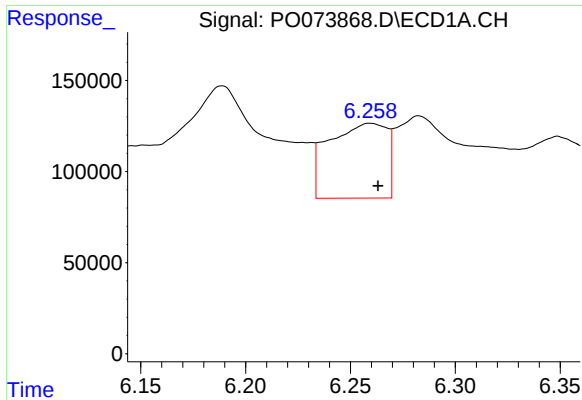
#20 AR-1242-5

R.T.: 7.241 min
Delta R.T.: -0.008 min
Response: 489073
Conc: 223.95 ng/ml



#20 AR-1242-5

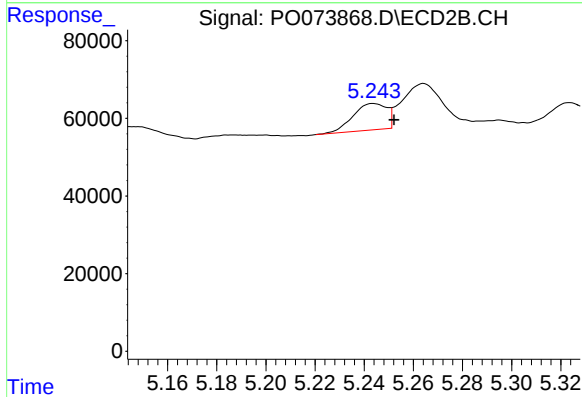
R.T.: 6.109 min
Delta R.T.: -0.011 min
Response: 444927
Conc: 261.02 ng/ml



#21 AR-1248-1

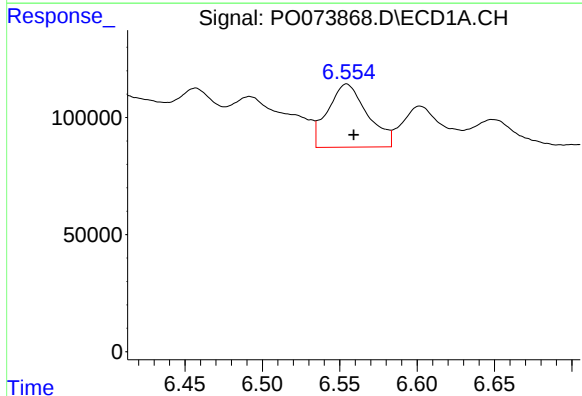
R.T.: 6.259 min
Delta R.T.: -0.004 min
Response: 789245
Conc: 363.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



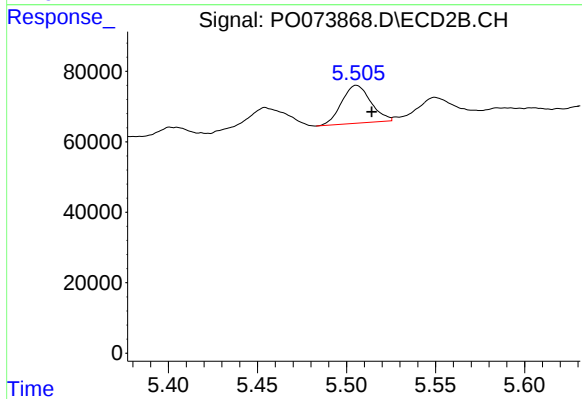
#21 AR-1248-1

R.T.: 5.244 min
Delta R.T.: -0.008 min
Response: 65052
Conc: 47.51 ng/ml



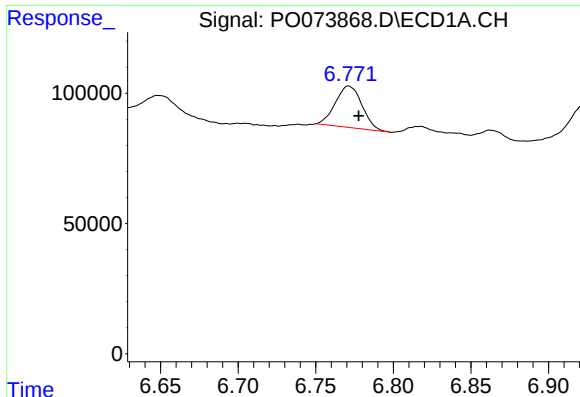
#22 AR-1248-2

R.T.: 6.555 min
Delta R.T.: -0.005 min
Response: 482050
Conc: 172.50 ng/ml



#22 AR-1248-2

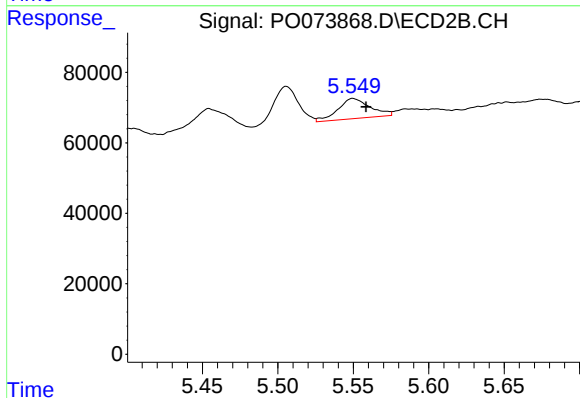
R.T.: 5.506 min
Delta R.T.: -0.009 min
Response: 121777
Conc: 65.63 ng/ml



#23 AR-1248-3

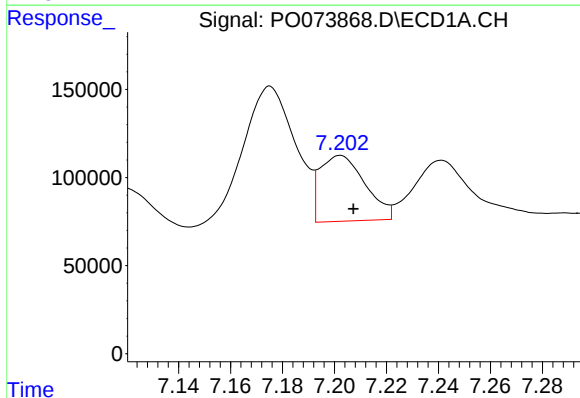
R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 190267
Conc: 58.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



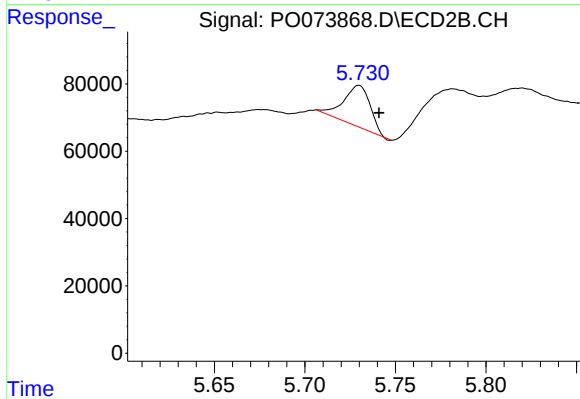
#23 AR-1248-3

R.T.: 5.550 min
Delta R.T.: -0.009 min
Response: 84928
Conc: 45.27 ng/ml



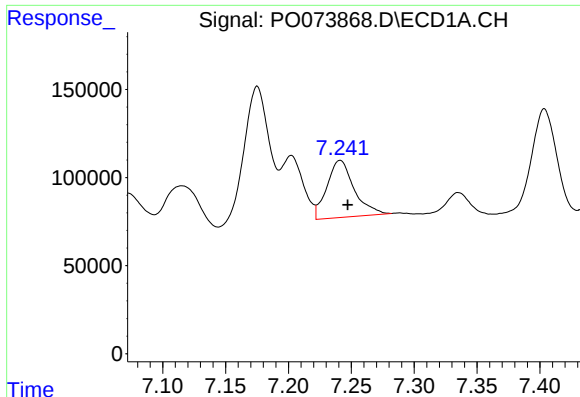
#24 AR-1248-4

R.T.: 7.202 min
Delta R.T.: -0.005 min
Response: 449306
Conc: 112.35 ng/ml



#24 AR-1248-4

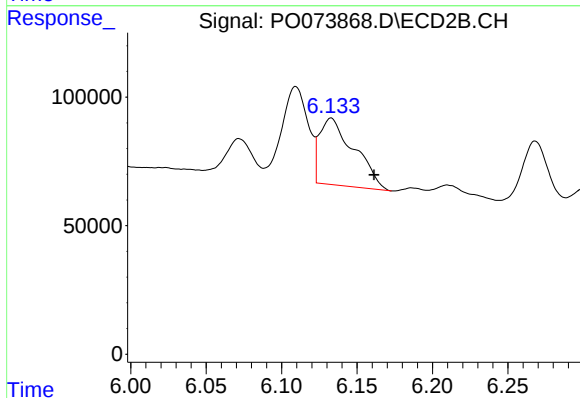
R.T.: 5.730 min
Delta R.T.: -0.011 min
Response: 125526
Conc: 55.77 ng/ml



#25 AR-1248-5

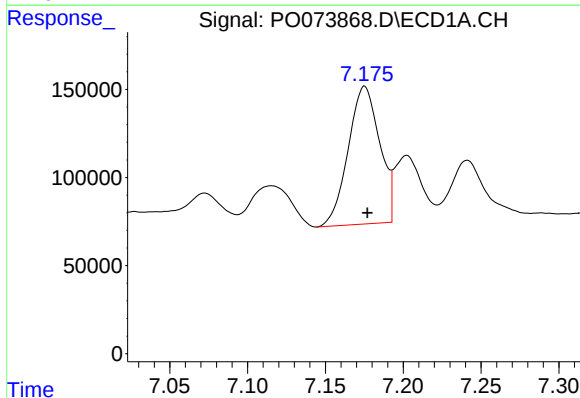
R.T.: 7.241 min
Delta R.T.: -0.006 min
Response: 489073
Conc: 129.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



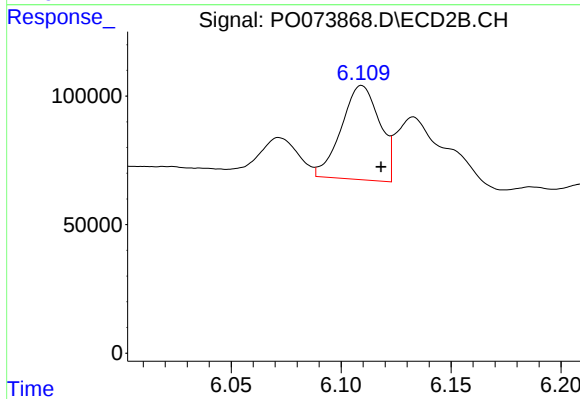
#25 AR-1248-5

R.T.: 6.133 min
Delta R.T.: -0.028 min
Response: 415973
Conc: 179.03 ng/ml



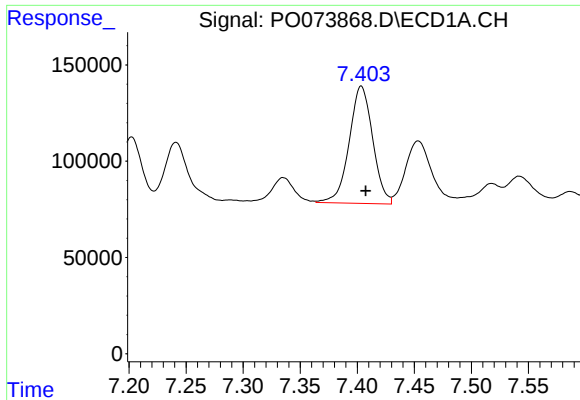
#26 AR-1254-1

R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 1101336
Conc: 290.15 ng/ml



#26 AR-1254-1

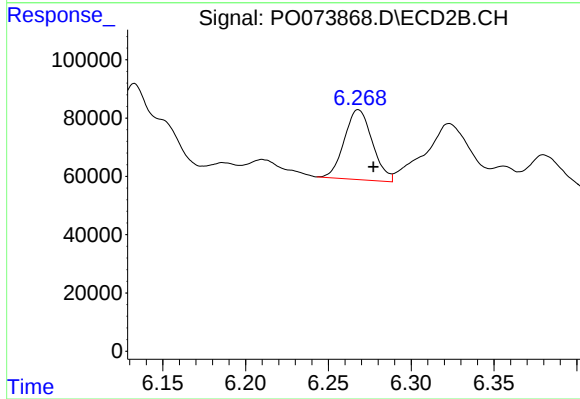
R.T.: 6.109 min
Delta R.T.: -0.009 min
Response: 444927
Conc: 125.90 ng/ml



#27 AR-1254-2

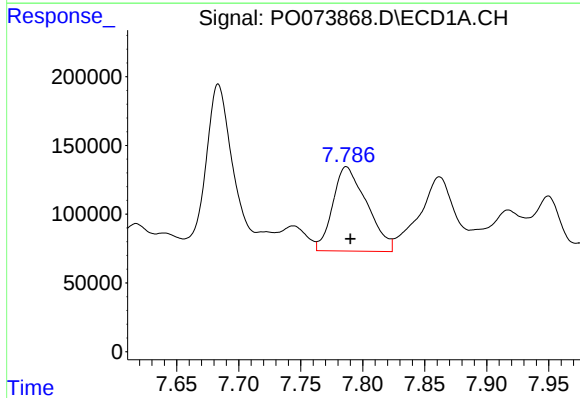
R.T.: 7.404 min
Delta R.T.: -0.004 min
Response: 873571
Conc: 148.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



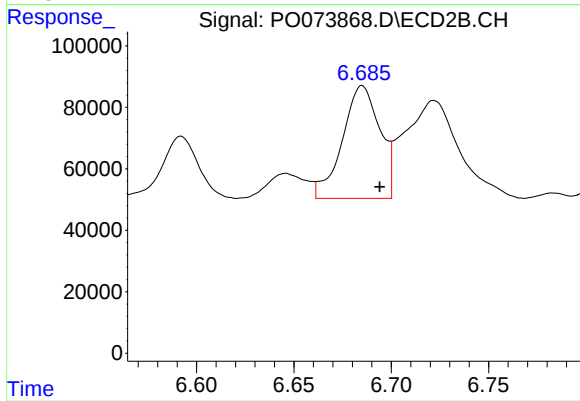
#27 AR-1254-2

R.T.: 6.268 min
Delta R.T.: -0.009 min
Response: 283222
Conc: 90.72 ng/ml



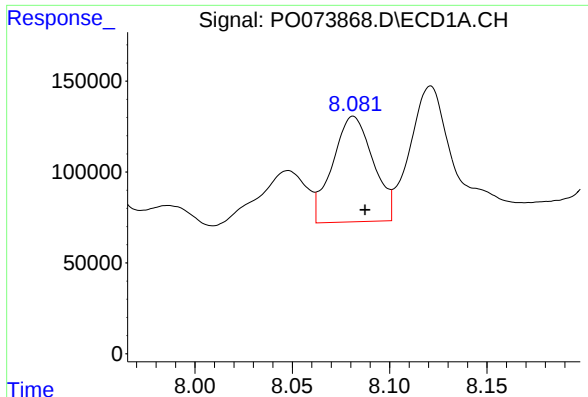
#28 AR-1254-3

R.T.: 7.787 min
Delta R.T.: -0.003 min
Response: 1172292
Conc: 191.33 ng/ml



#28 AR-1254-3

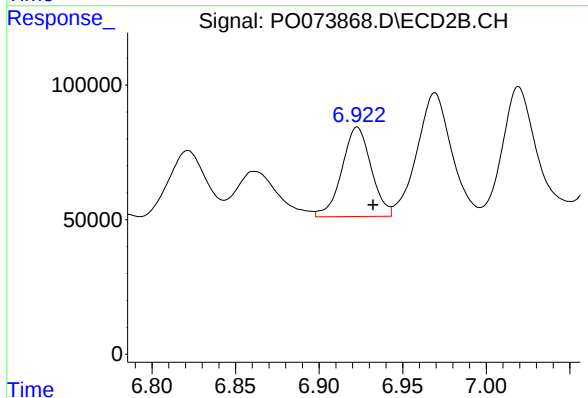
R.T.: 6.685 min
Delta R.T.: -0.009 min
Response: 492123
Conc: 100.52 ng/ml



#29 AR-1254-4

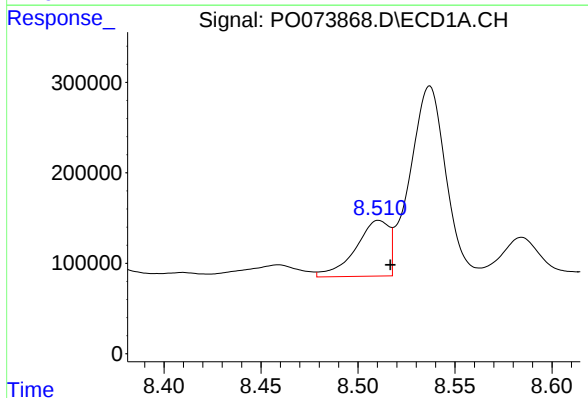
R.T.: 8.081 min
Delta R.T.: -0.006 min
Response: 845470
Conc: 161.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



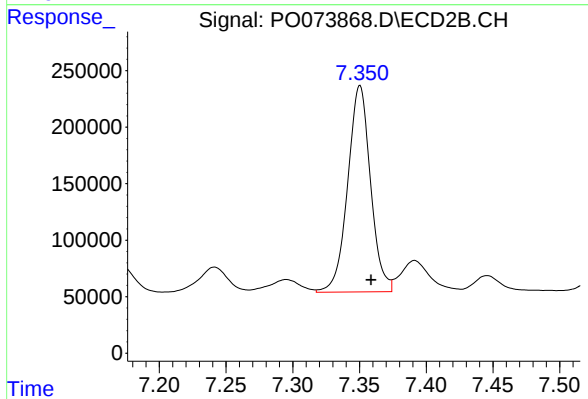
#29 AR-1254-4

R.T.: 6.923 min
Delta R.T.: -0.009 min
Response: 405065
Conc: 115.50 ng/ml



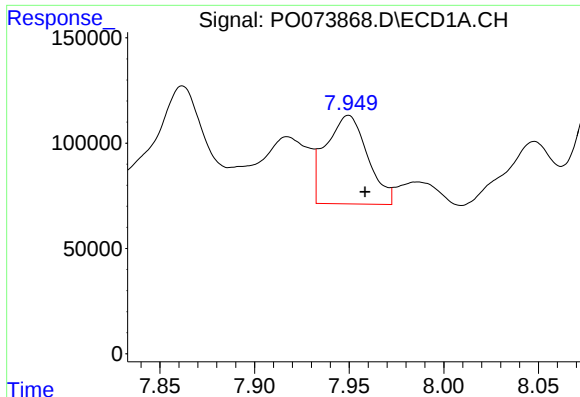
#30 AR-1254-5

R.T.: 8.511 min
Delta R.T.: -0.006 min
Response: 743243
Conc: 144.30 ng/ml



#30 AR-1254-5

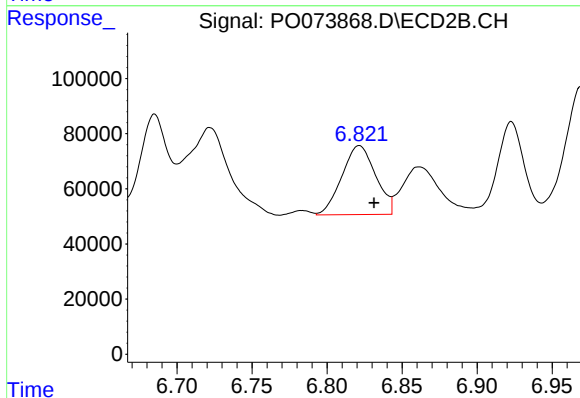
R.T.: 7.350 min
Delta R.T.: -0.008 min
Response: 2174084
Conc: 493.03 ng/ml



#31 AR-1260-1

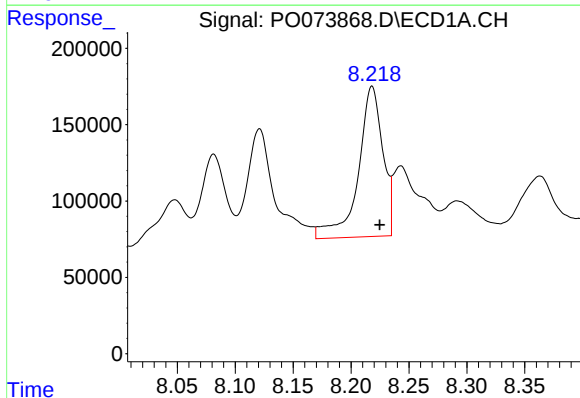
R.T.: 7.950 min
Delta R.T.: -0.009 min
Response: 646657
Conc: 153.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



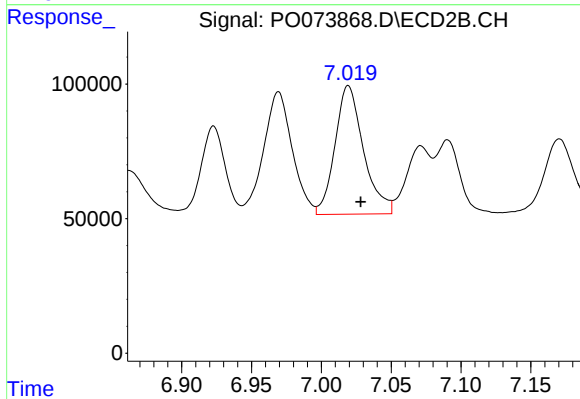
#31 AR-1260-1

R.T.: 6.822 min
Delta R.T.: -0.010 min
Response: 392570
Conc: 126.99 ng/ml



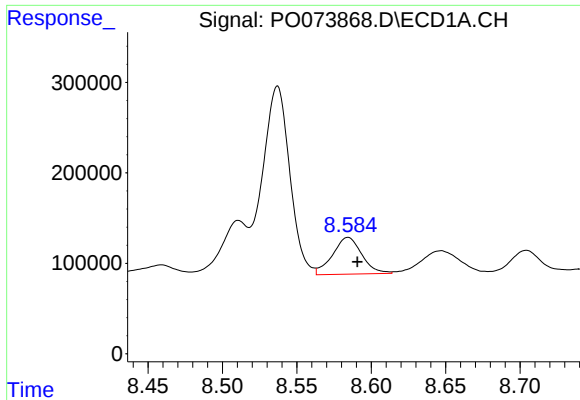
#32 AR-1260-2

R.T.: 8.218 min
Delta R.T.: -0.007 min
Response: 1453764
Conc: 258.78 ng/ml



#32 AR-1260-2

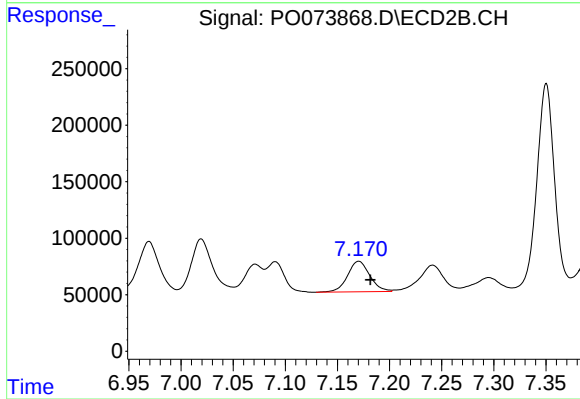
R.T.: 7.019 min
Delta R.T.: -0.009 min
Response: 679326
Conc: 167.47 ng/ml



#33 AR-1260-3

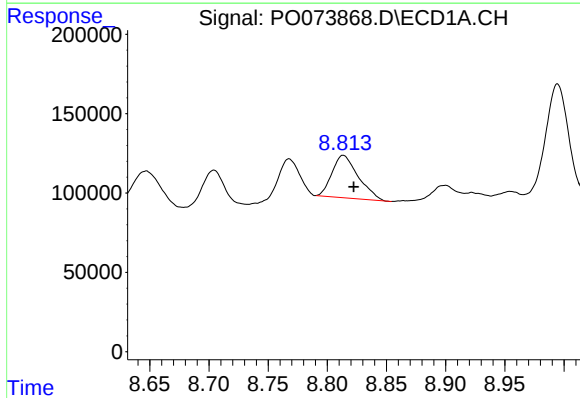
R.T.: 8.584 min
Delta R.T.: -0.006 min
Response: 554506
Conc: 121.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



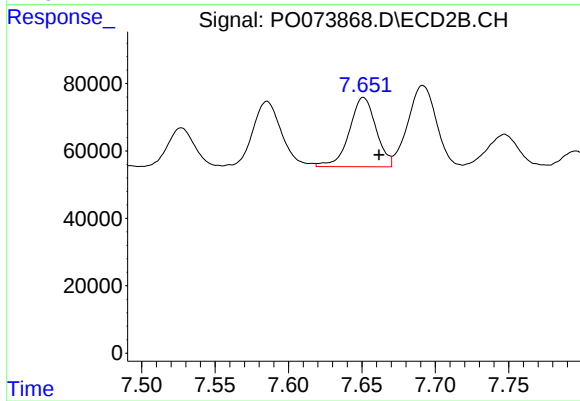
#33 AR-1260-3

R.T.: 7.171 min
Delta R.T.: -0.011 min
Response: 402187
Conc: 115.23 ng/ml



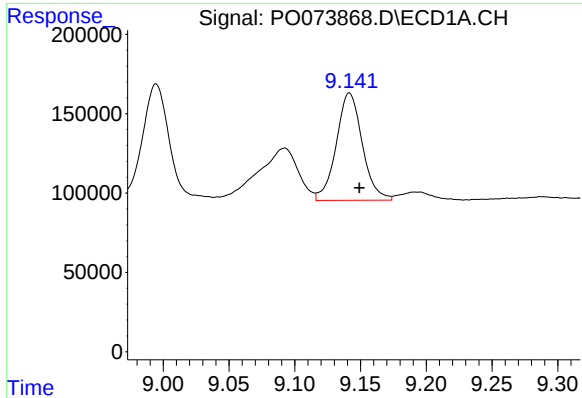
#34 AR-1260-4

R.T.: 8.814 min
Delta R.T.: -0.009 min
Response: 413839
Conc: 87.41 ng/ml



#34 AR-1260-4

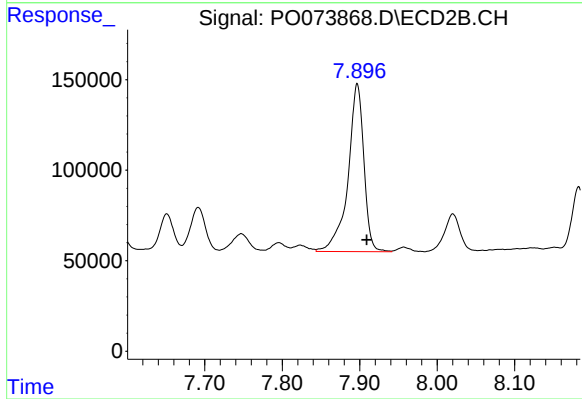
R.T.: 7.651 min
Delta R.T.: -0.011 min
Response: 260879
Conc: 86.39 ng/ml



#35 AR-1260-5

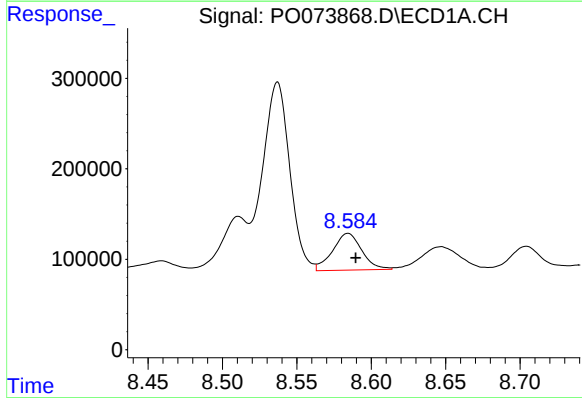
R.T.: 9.142 min
Delta R.T.: -0.008 min
Response: 932266
Conc: 93.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



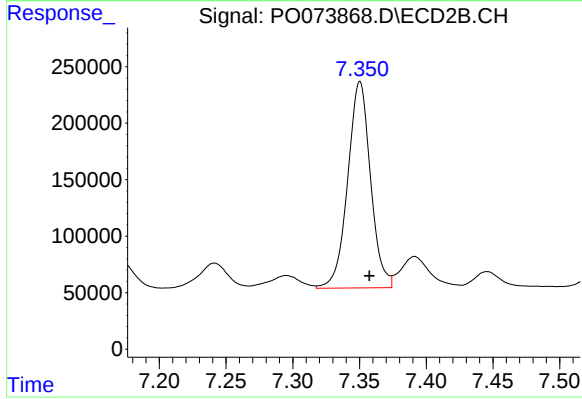
#35 AR-1260-5

R.T.: 7.897 min
Delta R.T.: -0.012 min
Response: 1320330
Conc: 176.75 ng/ml



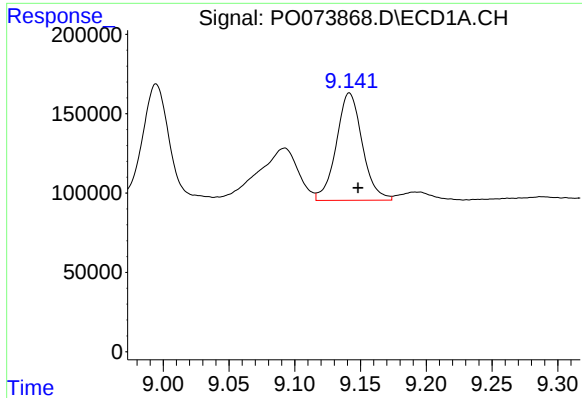
#36 AR-1262-1

R.T.: 8.584 min
Delta R.T.: -0.005 min
Response: 554506
Conc: 74.07 ng/ml



#36 AR-1262-1

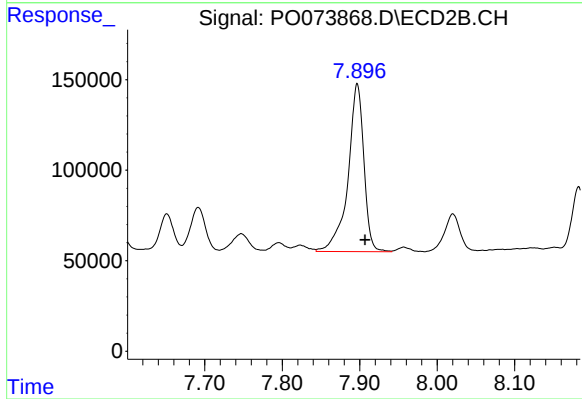
R.T.: 7.350 min
Delta R.T.: -0.007 min
Response: 2174084
Conc: 869.70 ng/ml



#37 AR-1262-2

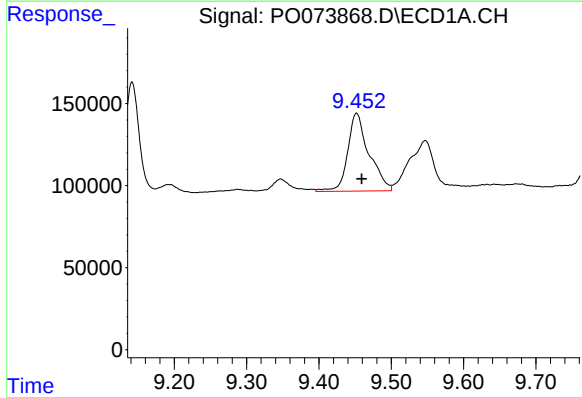
R.T.: 9.142 min
Delta R.T.: -0.007 min
Response: 932266
Conc: 72.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



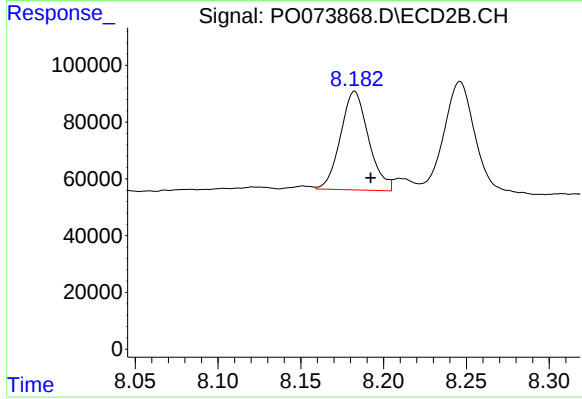
#37 AR-1262-2

R.T.: 7.897 min
Delta R.T.: -0.010 min
Response: 1320330
Conc: 150.10 ng/ml



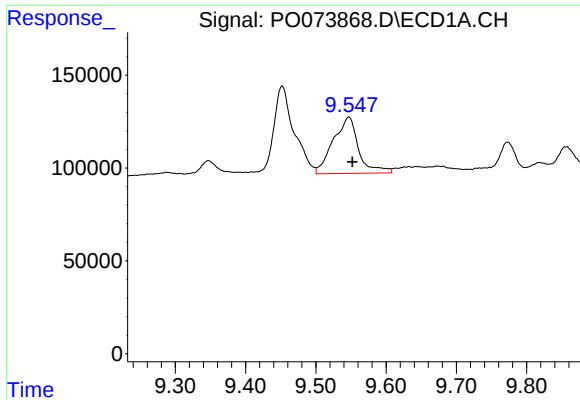
#38 AR-1262-3

R.T.: 9.452 min
Delta R.T.: -0.007 min
Response: 971676
Conc: 114.53 ng/ml



#38 AR-1262-3

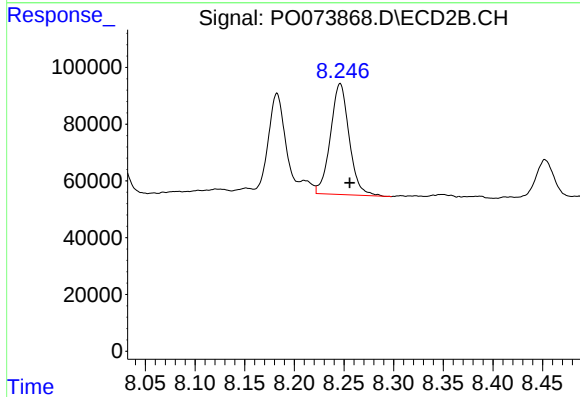
R.T.: 8.183 min
Delta R.T.: -0.010 min
Response: 409150
Conc: 113.15 ng/ml



#39 AR-1262-4

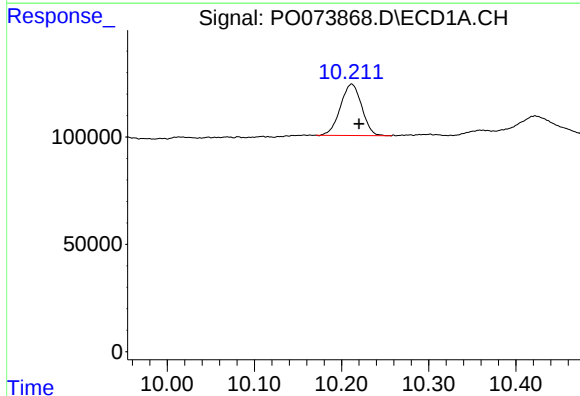
R.T.: 9.547 min
Delta R.T.: -0.005 min
Response: 761972
Conc: 227.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



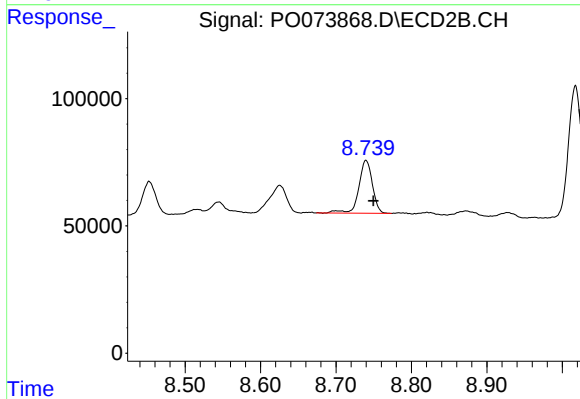
#39 AR-1262-4

R.T.: 8.246 min
Delta R.T.: -0.010 min
Response: 513581
Conc: 83.47 ng/ml



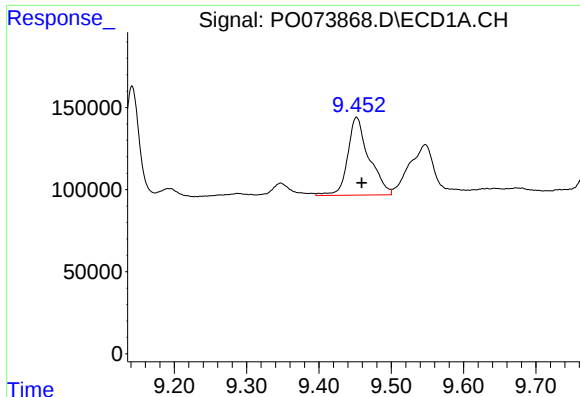
#40 AR-1262-5

R.T.: 10.212 min
Delta R.T.: -0.008 min
Response: 405397
Conc: 89.69 ng/ml



#40 AR-1262-5

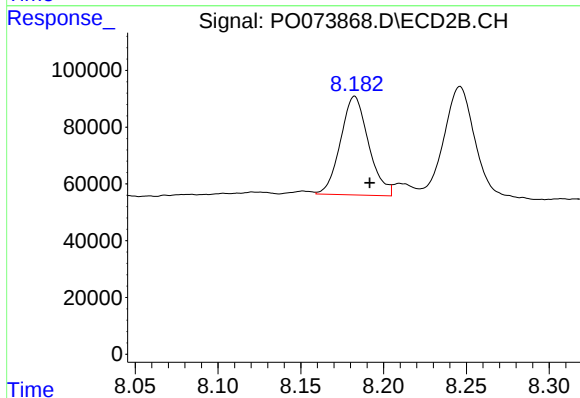
R.T.: 8.740 min
Delta R.T.: -0.010 min
Response: 260116
Conc: 91.37 ng/ml



#41 AR-1268-1

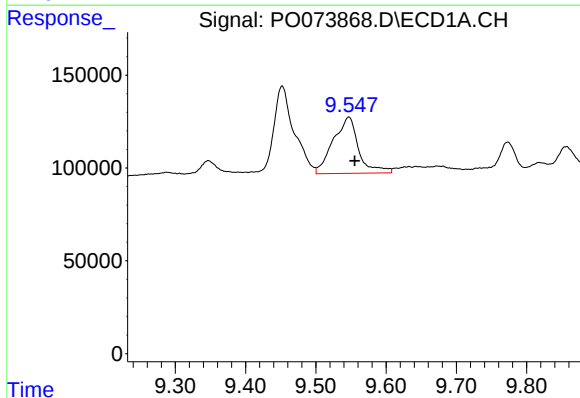
R.T.: 9.452 min
Delta R.T.: -0.007 min
Response: 971676
Conc: 68.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



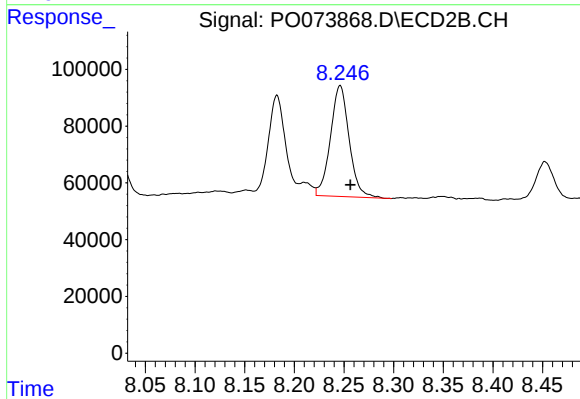
#41 AR-1268-1

R.T.: 8.183 min
Delta R.T.: -0.009 min
Response: 409150
Conc: 42.52 ng/ml



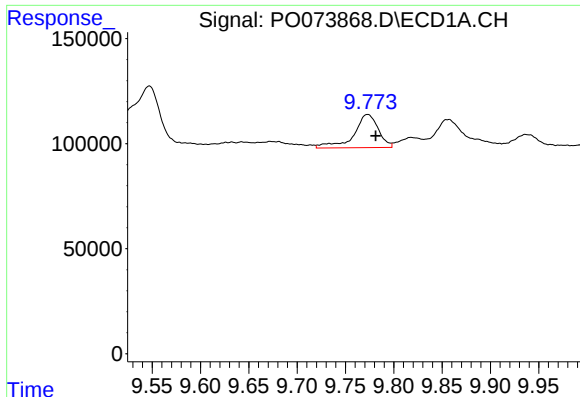
#42 AR-1268-2

R.T.: 9.547 min
Delta R.T.: -0.009 min
Response: 761972
Conc: 61.81 ng/ml



#42 AR-1268-2

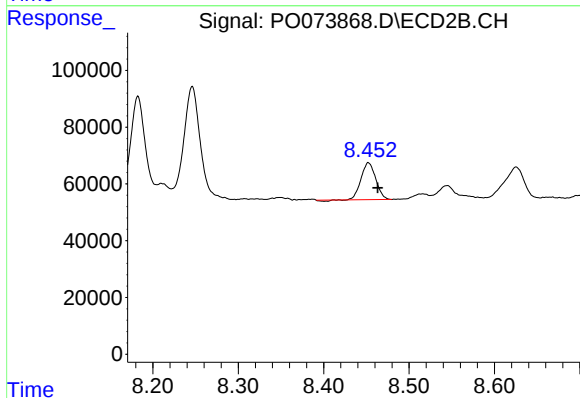
R.T.: 8.246 min
Delta R.T.: -0.010 min
Response: 513581
Conc: 62.34 ng/ml



#43 AR-1268-3

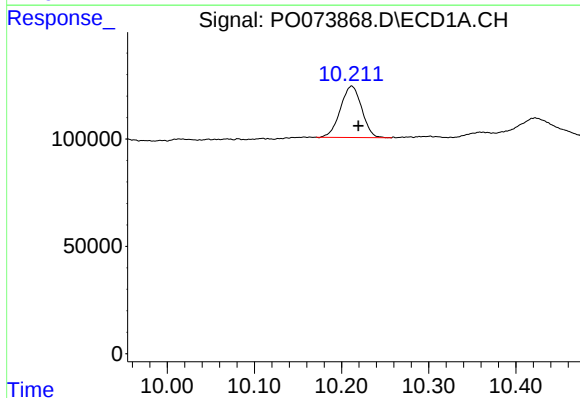
R.T.: 9.773 min
Delta R.T.: -0.008 min
Response: 279060
Conc: 25.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



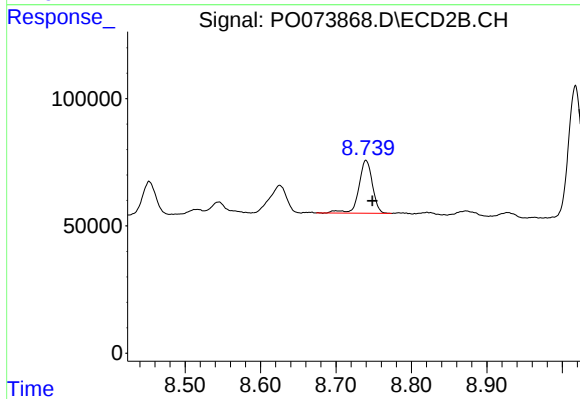
#43 AR-1268-3

R.T.: 8.452 min
Delta R.T.: -0.011 min
Response: 154977
Conc: 21.95 ng/ml



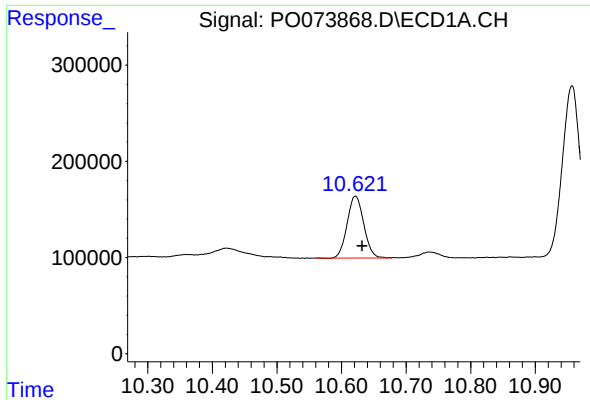
#44 AR-1268-4

R.T.: 10.212 min
Delta R.T.: -0.008 min
Response: 405397
Conc: 86.54 ng/ml



#44 AR-1268-4

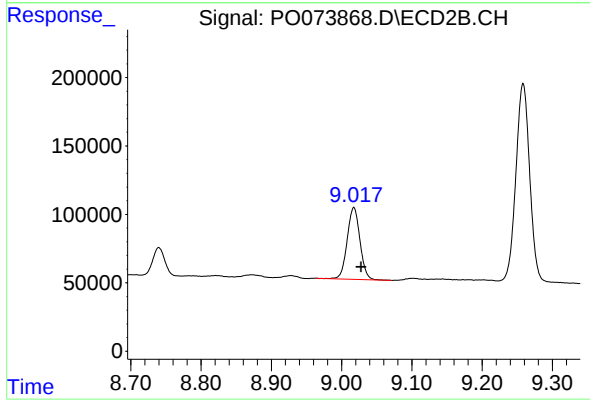
R.T.: 8.740 min
Delta R.T.: -0.008 min
Response: 260116
Conc: 87.88 ng/ml



#45 AR-1268-5

R.T.: 10.621 min
Delta R.T.: -0.011 min
Response: 1151802
Conc: 35.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.017 min
Delta R.T.: -0.010 min
Response: 665192
Conc: 33.11 ng/ml