

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062818\
 Data File : P0046397.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Jun 2018 3:51
 Operator : SM/UA
 Sample : PB110665BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB110665BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 07:19:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 28 11:20:48 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.384	3.612	7984681	3604392	19.419	21.381
2) SA Decachlor...	10.049	8.572	4850014	2066385	18.481	19.479
Target Compounds						
3) L1 AR-1016-1	5.277	4.468	2078407	1119155	205.854	231.774
4) L1 AR-1016-2	5.626	4.921	2599541	9650764	200.770	2609.559 #
5) L1 AR-1016-3	5.723	4.962	2232422	3028325	210.751	695.397 #
6) L1 AR-1016-4	6.157	5.133	5832774	6344512	544.270	1290.788 #
7) L1 AR-1016-5	6.393	5.482	41903944	22423649	4680.977	4874.380
10) L2 AR-1221-3	4.751	3.983	1526510	797247	139.728	149.897
11) L3 AR-1232-1	5.085	4.279	2173094	182954	568.511	101.246 #
12) L3 AR-1232-2	5.542	4.687	3492922	1736246	643.448	690.128
13) L3 AR-1232-3	5.564	4.706	4781407	2208859	609.417	575.358
14) L3 AR-1232-4	5.626	4.761	2599541	1447310	529.444	594.895
15) L3 AR-1232-5	5.723	4.881	2232422	889430	568.835	476.150
16) L4 AR-1242-1	5.564	4.706	4781407	2208859	308.151	320.959
17) L4 AR-1242-2	5.626	4.881	2599541	889430	263.326	238.666
18) L4 AR-1242-3	5.723	4.962	2232422	3028325	277.097	873.197 #
19) L4 AR-1242-4	6.017	5.133	12739471	6344512	1662.475	1737.212
20) L4 AR-1242-5	6.157	5.280	5832774	3084894	681.189	884.175 #
21) L5 AR-1248-1	6.017	5.133	12739471	6344512	1091.442	1141.703
22) L5 AR-1248-2	6.157	5.280	5832774	3084894	574.562	617.016
23) L5 AR-1248-3	6.416	5.482	16462413	22423649	1213.354	3103.462 #
24) L5 AR-1248-4	6.460	5.522	10298004	2860671	792.663	531.142 #
25) L5 AR-1248-5	6.660	6.029	18220084	31531843	2230.056	9508.984 #
26) L6 AR-1254-1	6.610	5.482	61626459	22423649	3146.297	2683.649
27) L6 AR-1254-2	6.888	5.627	35079814	19889215	3017.382	2858.092
28) L6 AR-1254-3	6.973	6.029	61929551	31531843	3105.632	3053.368
29) L6 AR-1254-4	7.256	6.255	44435314	19217841	3133.686	2807.642
30) L6 AR-1254-5	7.526	6.569	34654221	13208063	3428.485	2845.384
31) L7 AR-1260-1	7.138	6.158	29118188	17439960	1786.246	2120.532
32) L7 AR-1260-2	7.393	6.344	31723319	14804429	1701.876	1524.911
33) L7 AR-1260-3	7.674	6.671	57237520	31634800	2800.399	3134.270
34) L7 AR-1260-4	8.287	7.205	12898747	5981960	475.387	413.411
35) L7 AR-1260-5	8.605	7.551	10051735	6092068	578.029	569.672
36) L8 AR-1262-1	7.138	6.344	29118188	14804429	2445.989	2081.345
37) L8 AR-1262-2	7.393	6.497	31723319	14828392	2415.619	2226.163
38) L8 AR-1262-3	7.674	6.739	57237520	2574905	4967.868	299.216 #
39) L8 AR-1262-4	7.960	6.966	21944839	2917043	1443.004	402.312 #
40) L8 AR-1262-5	8.287	7.205	12898747	5981960	466.030	439.286

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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
41) L9	AR-1268-1	8.605	7.488	10051735	835900	347.377	60.975 #
42) L9	AR-1268-2	8.653	7.551	3682531	6092068	137.667	477.803 #
44) L9	AR-1268-4	9.314	8.042	1833826	897004	182.426	189.913

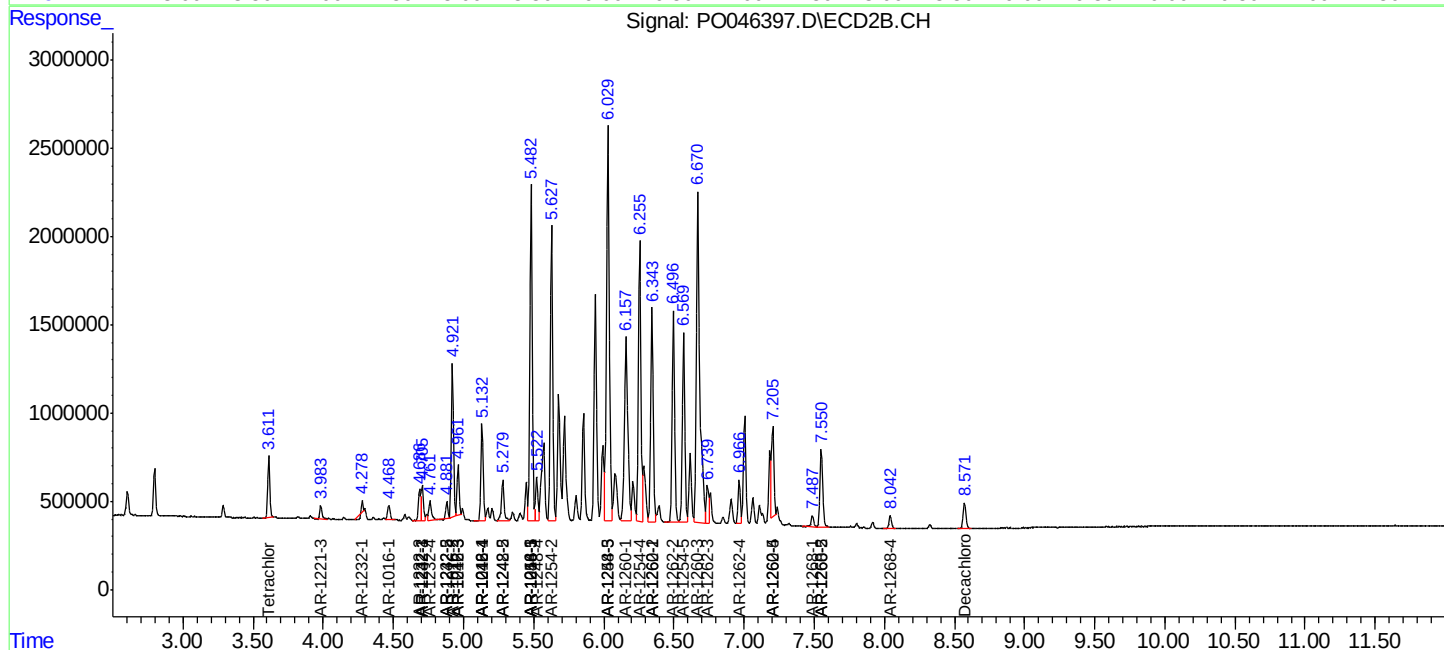
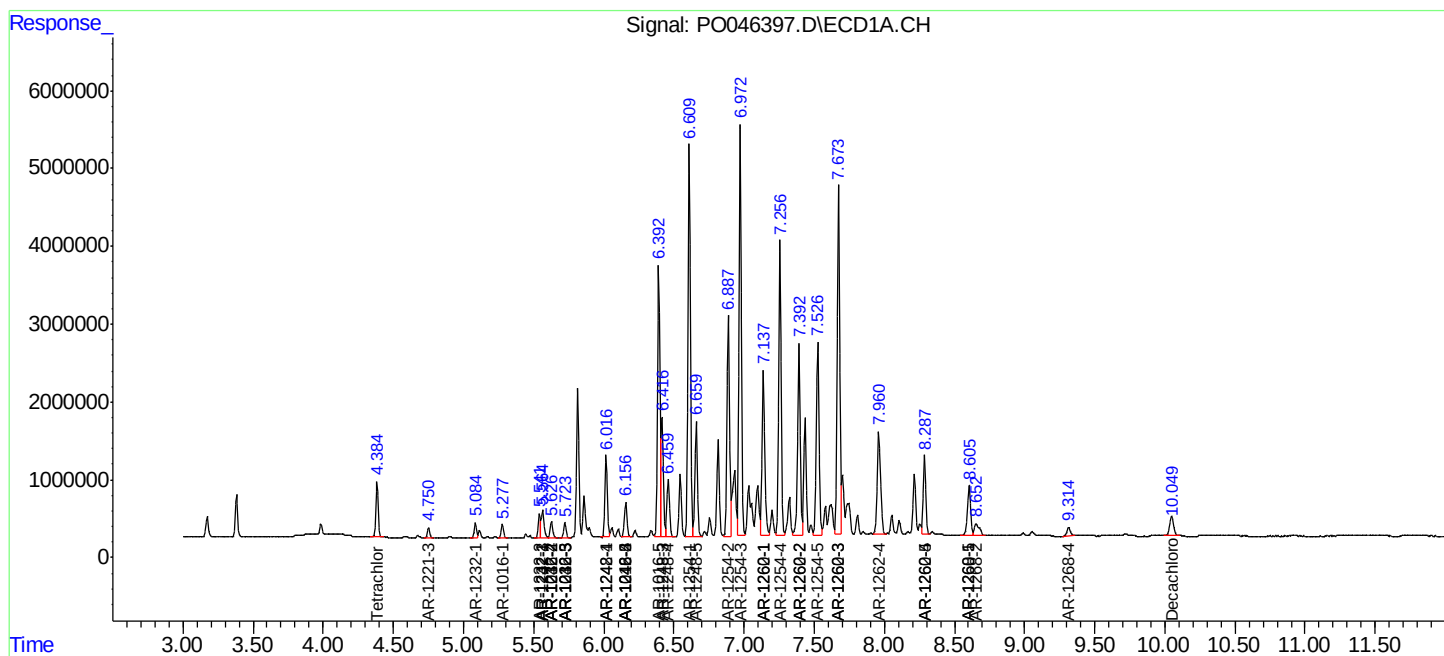
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

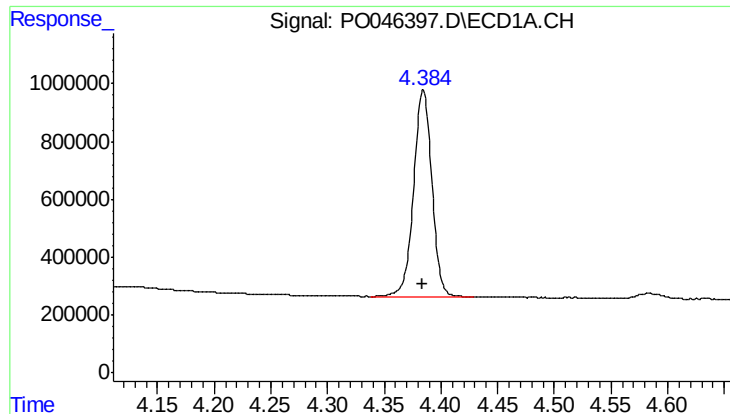
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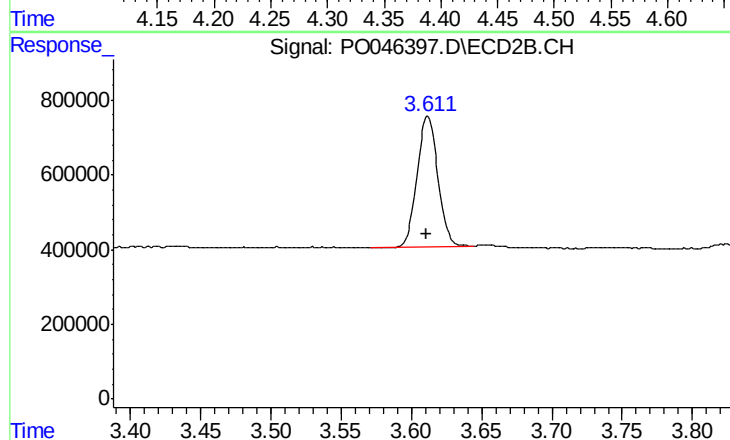




#1 Tetrachloro-m-xylene

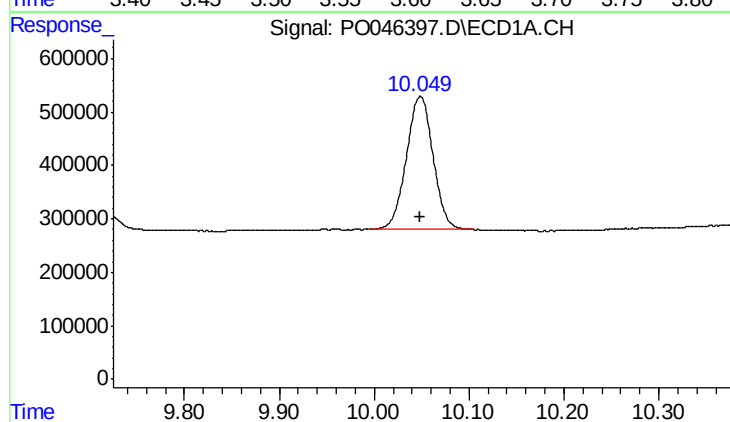
R.T.: 4.384 min
Delta R.T.: 0.000 min
Response: 7984681
Conc: 19.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



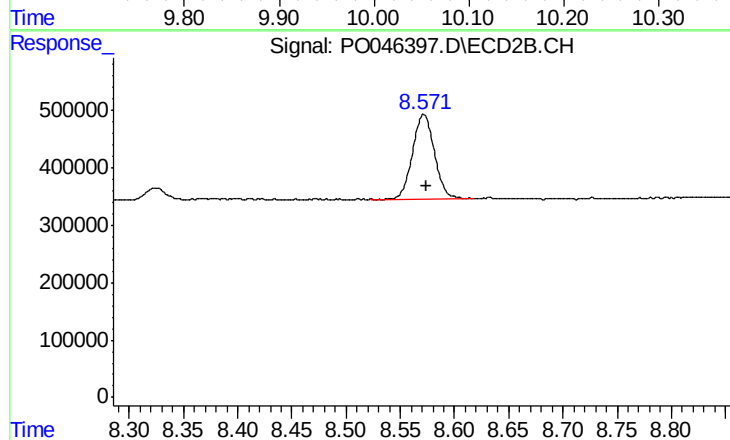
#1 Tetrachloro-m-xylene

R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 3604392
Conc: 21.38 ng/ml



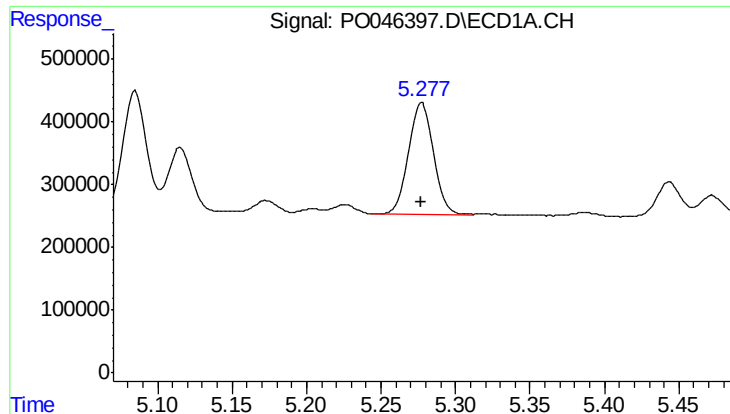
#2 Decachlorobiphenyl

R.T.: 10.049 min
Delta R.T.: 0.000 min
Response: 4850014
Conc: 18.48 ng/ml



#2 Decachlorobiphenyl

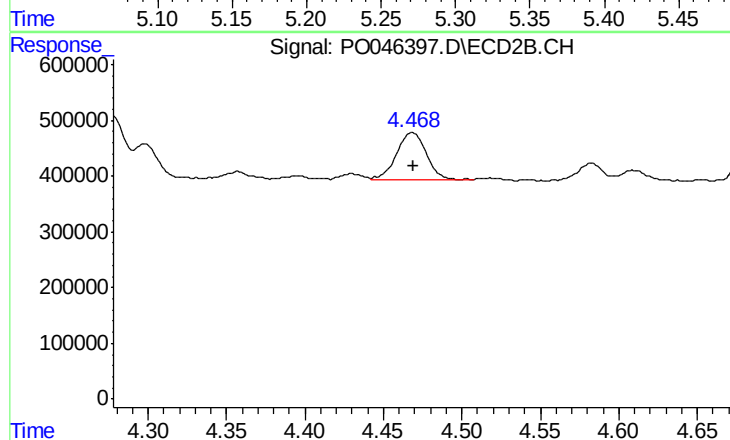
R.T.: 8.572 min
Delta R.T.: -0.002 min
Response: 2066385
Conc: 19.48 ng/ml



#3 AR-1016-1

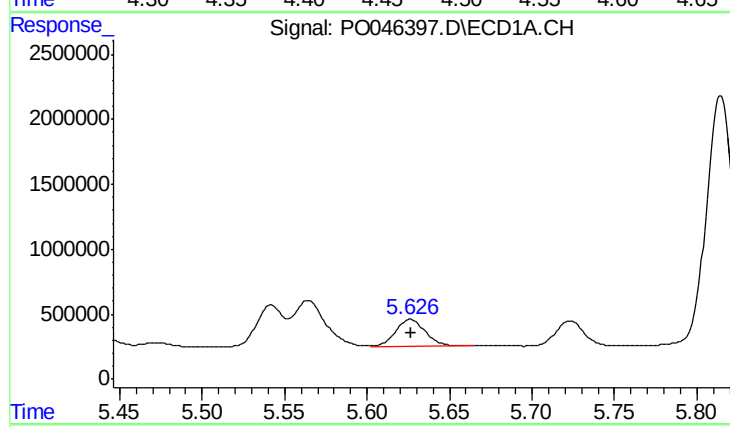
R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 2078407
Conc: 205.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



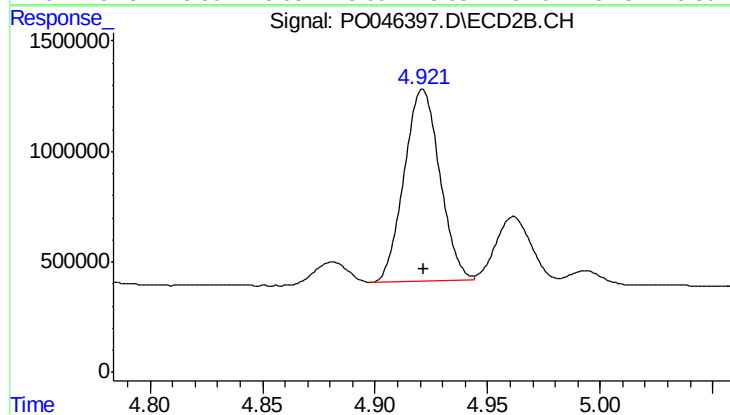
#3 AR-1016-1

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 1119155
Conc: 231.77 ng/ml



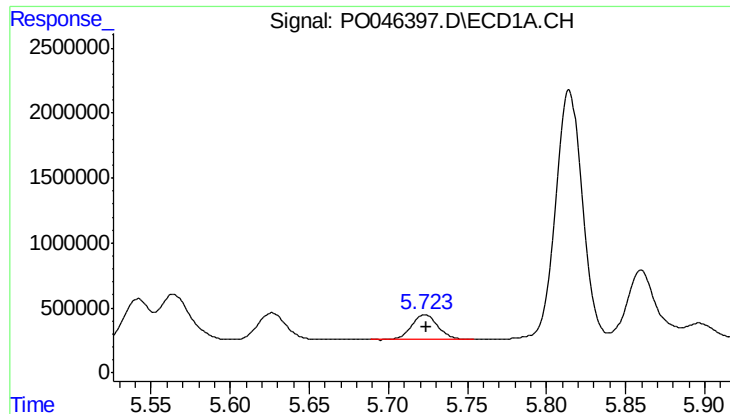
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 2599541
Conc: 200.77 ng/ml



#4 AR-1016-2

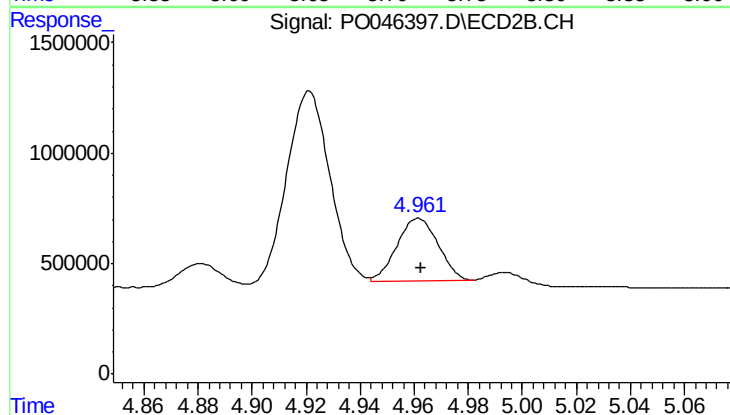
R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 9650764
Conc: 2609.56 ng/ml



#5 AR-1016-3

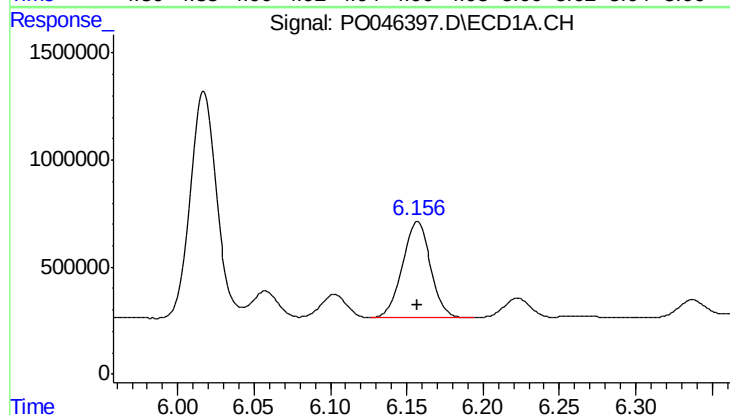
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 2232422
Conc: 210.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



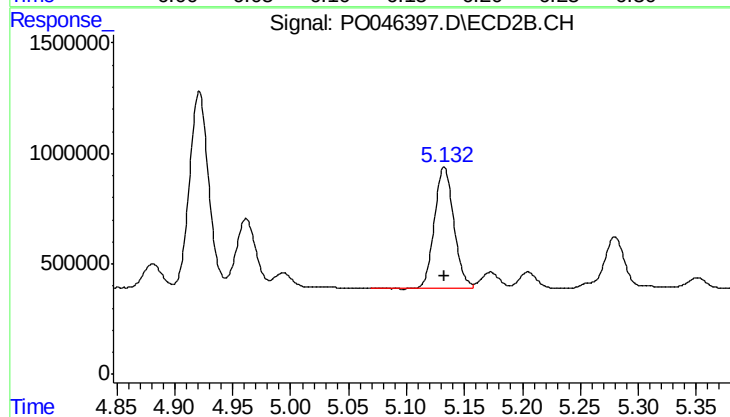
#5 AR-1016-3

R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 3028325
Conc: 695.40 ng/ml



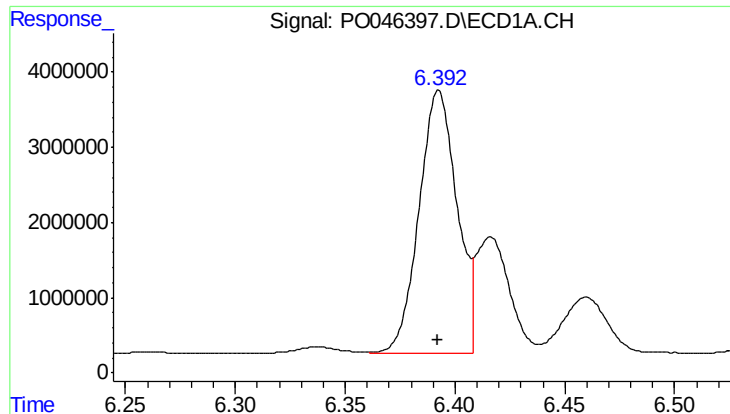
#6 AR-1016-4

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 5832774
Conc: 544.27 ng/ml



#6 AR-1016-4

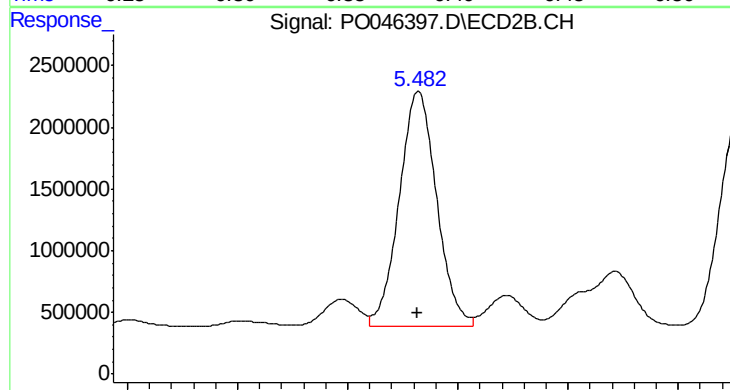
R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 6344512
Conc: 1290.79 ng/ml



#7 AR-1016-5

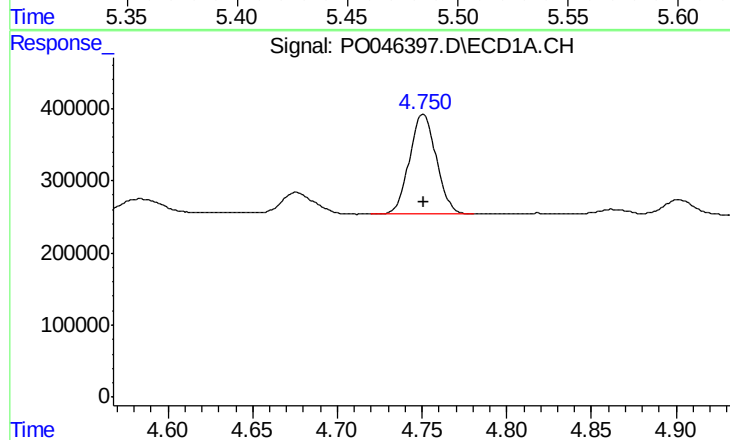
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 41903944
Conc: 4680.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



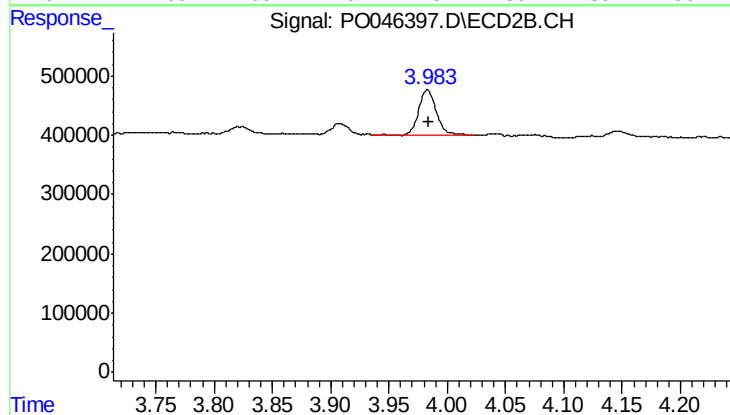
#7 AR-1016-5

R.T.: 5.482 min
Delta R.T.: 0.000 min
Response: 22423649
Conc: 4874.38 ng/ml



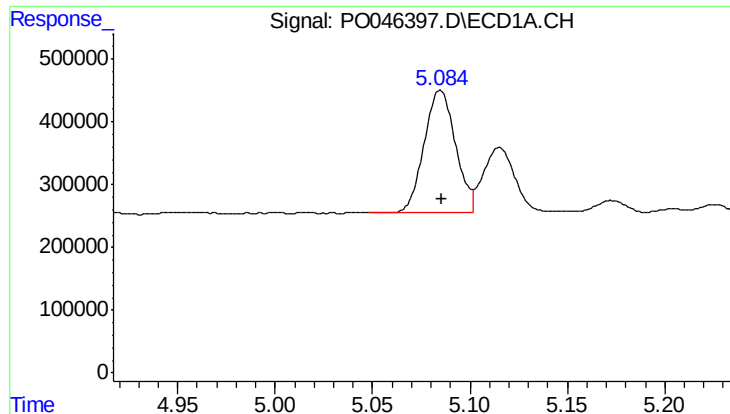
#10 AR-1221-3

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 1526510
Conc: 139.73 ng/ml



#10 AR-1221-3

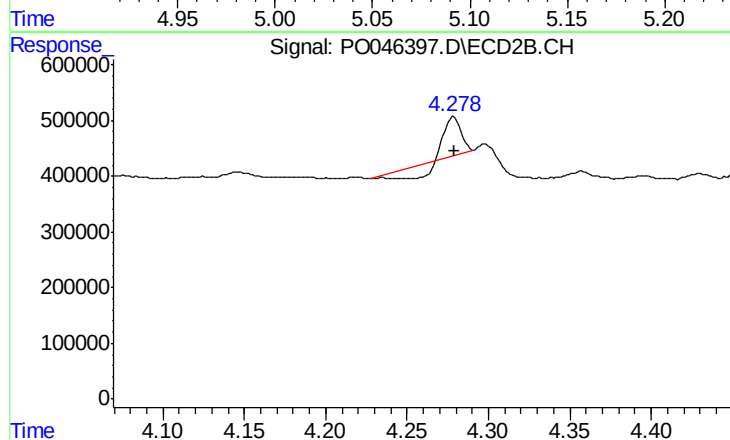
R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 797247
Conc: 149.90 ng/ml



#11 AR-1232-1

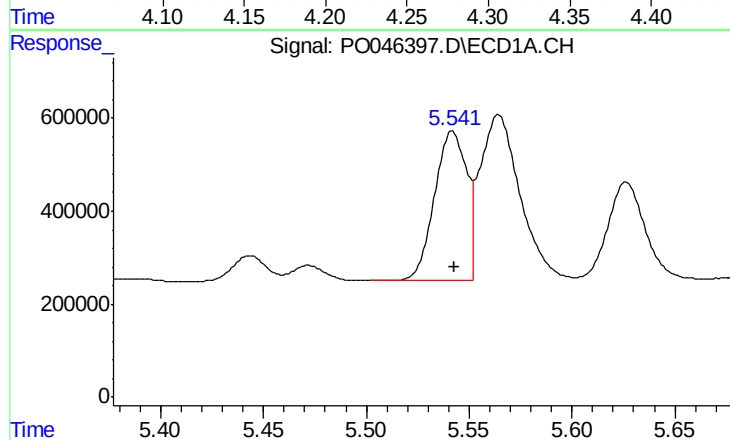
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 2173094
Conc: 568.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



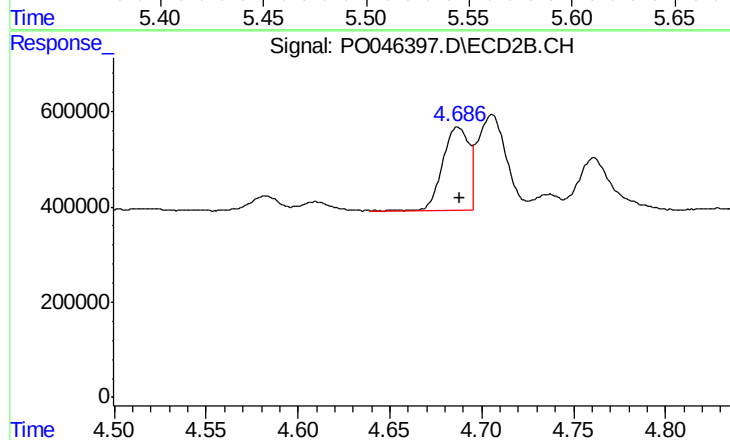
#11 AR-1232-1

R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 182954
Conc: 101.25 ng/ml



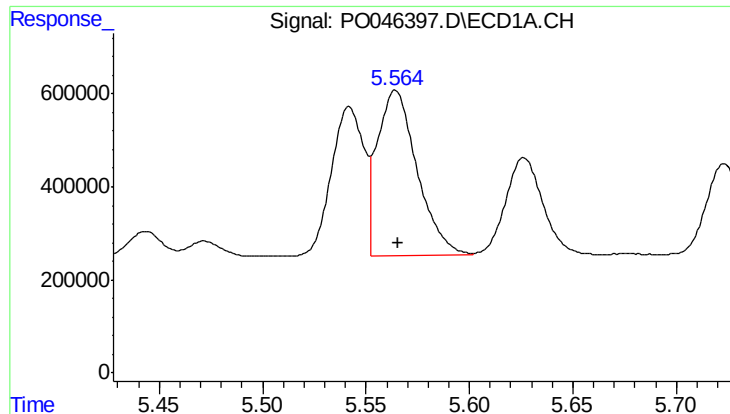
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: -0.001 min
Response: 3492922
Conc: 643.45 ng/ml



#12 AR-1232-2

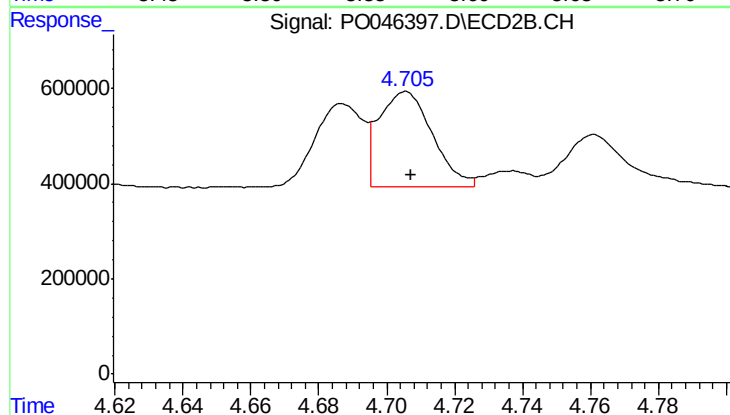
R.T.: 4.687 min
Delta R.T.: -0.001 min
Response: 1736246
Conc: 690.13 ng/ml



#13 AR-1232-3

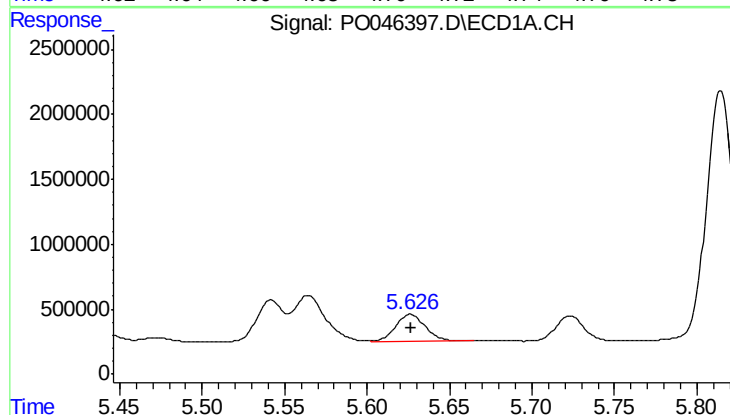
R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 4781407
Conc: 609.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



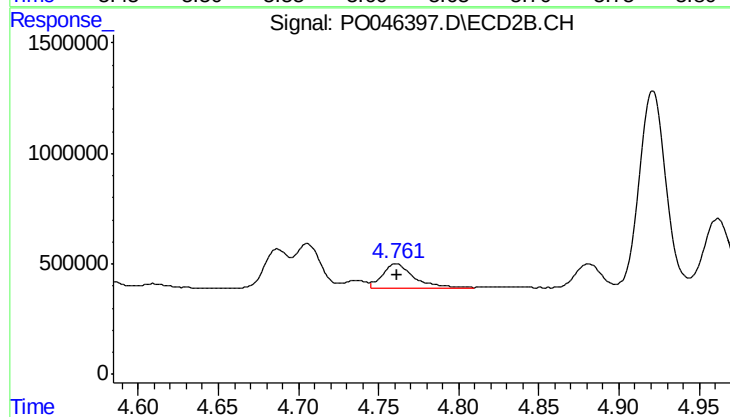
#13 AR-1232-3

R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 2208859
Conc: 575.36 ng/ml



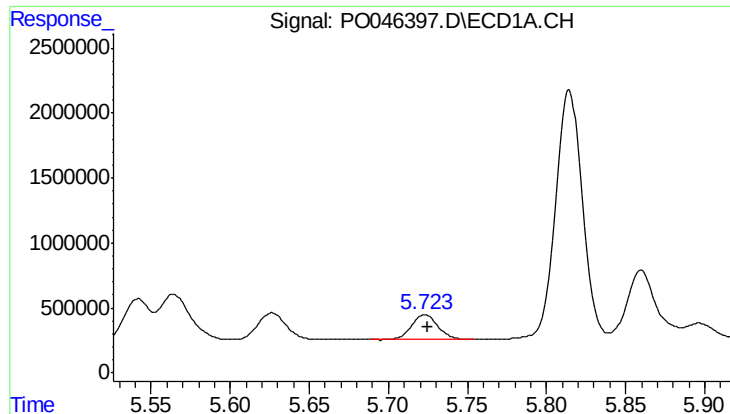
#14 AR-1232-4

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 2599541
Conc: 529.44 ng/ml



#14 AR-1232-4

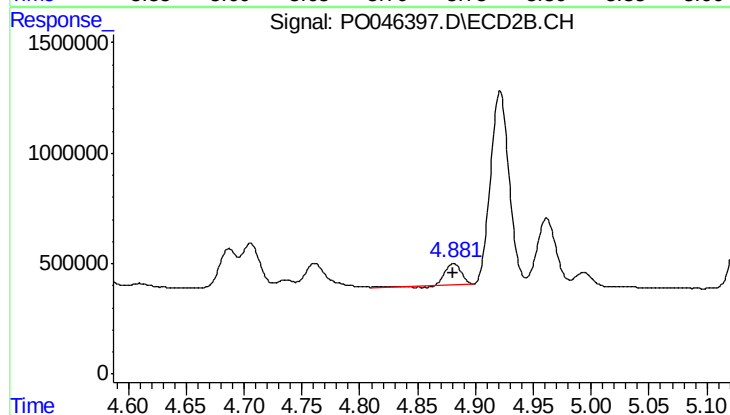
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 1447310
Conc: 594.90 ng/ml



#15 AR-1232-5

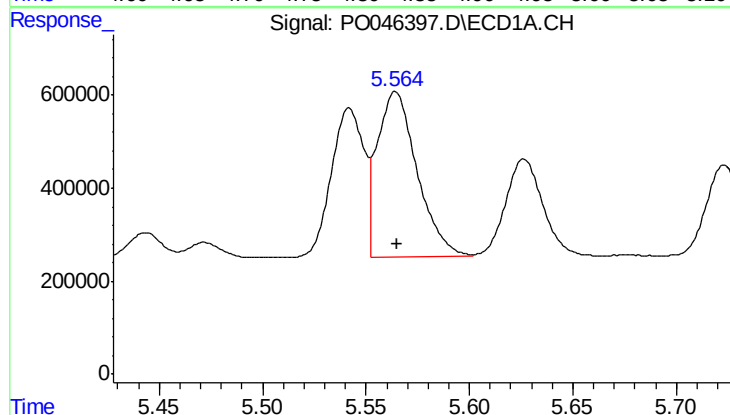
R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 2232422
Conc: 568.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



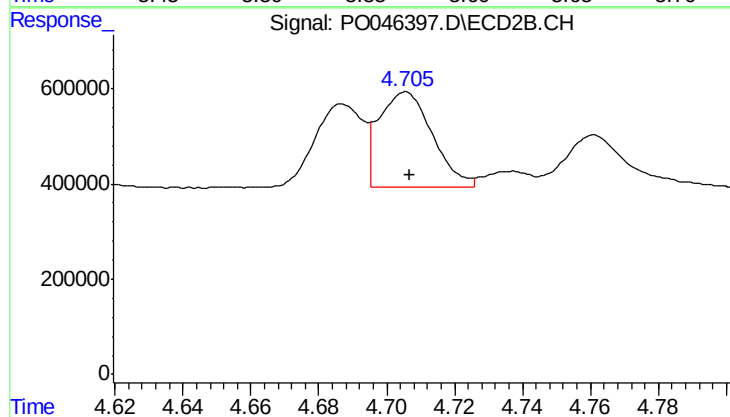
#15 AR-1232-5

R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 889430
Conc: 476.15 ng/ml



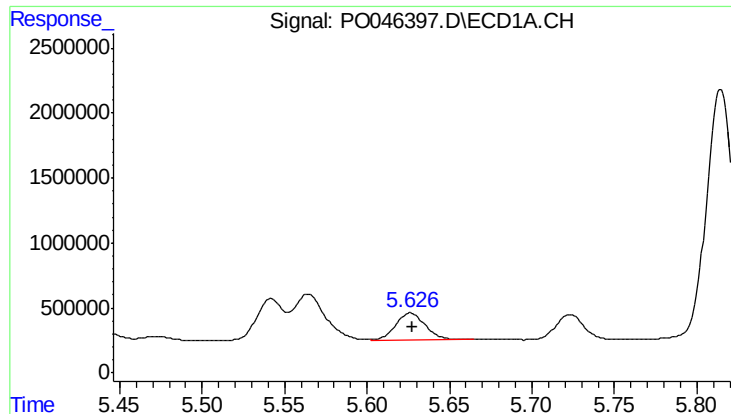
#16 AR-1242-1

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 4781407
Conc: 308.15 ng/ml



#16 AR-1242-1

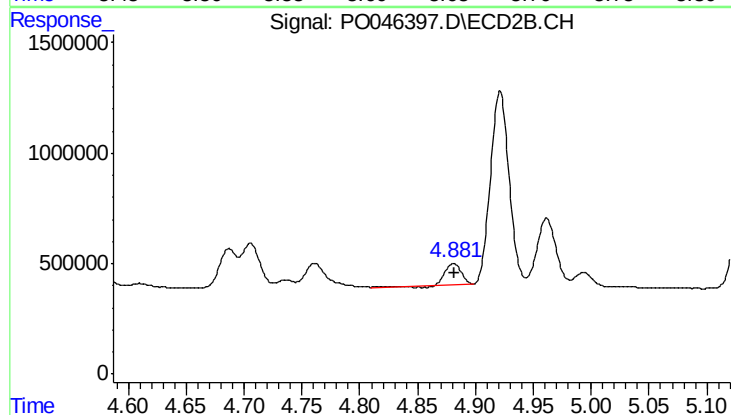
R.T.: 4.706 min
Delta R.T.: -0.001 min
Response: 2208859
Conc: 320.96 ng/ml



#17 AR-1242-2

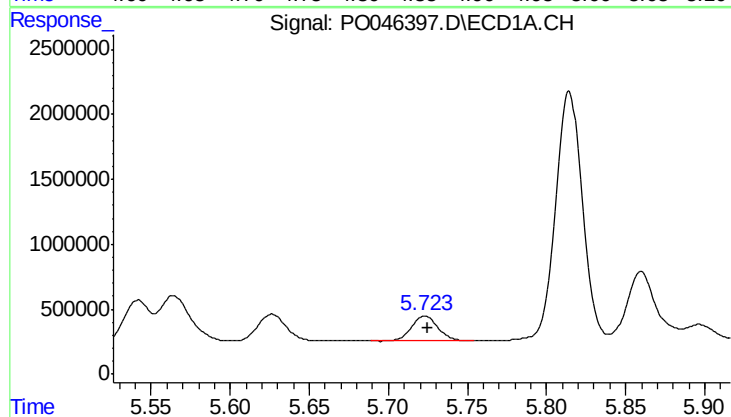
R.T.: 5.626 min
Delta R.T.: -0.001 min
Response: 2599541
Conc: 263.33 ng/ml

Instrument :
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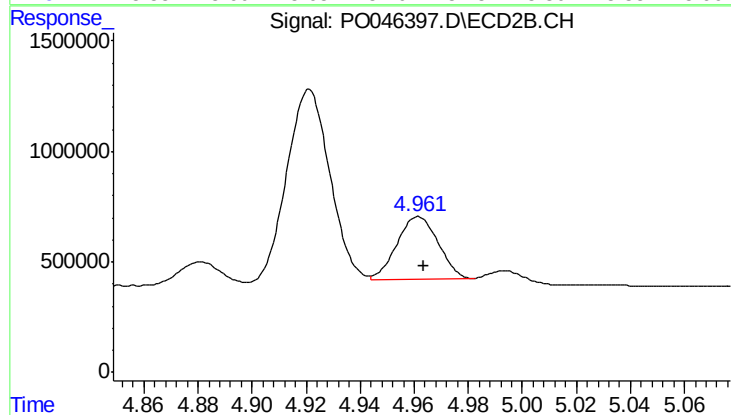
#17 AR-1242-2

R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 889430
Conc: 238.67 ng/ml



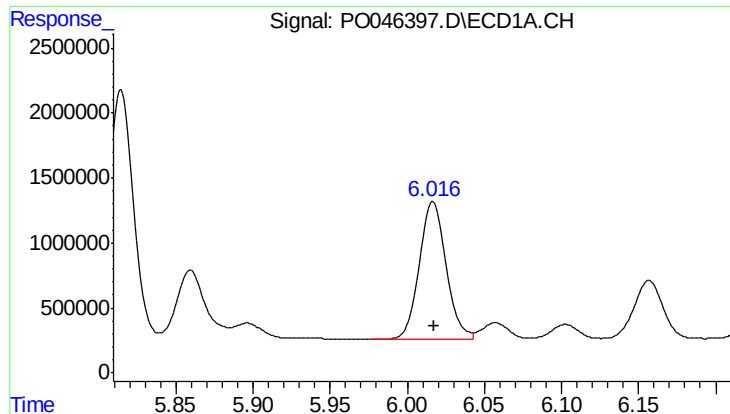
#18 AR-1242-3

R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 2232422
Conc: 277.10 ng/ml



#18 AR-1242-3

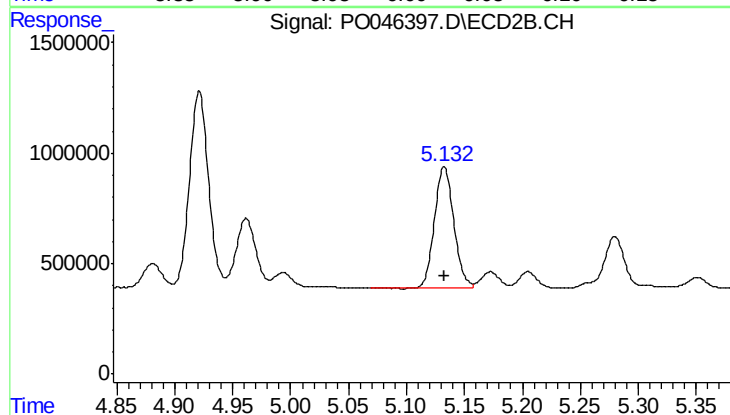
R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 3028325
Conc: 873.20 ng/ml



#19 AR-1242-4

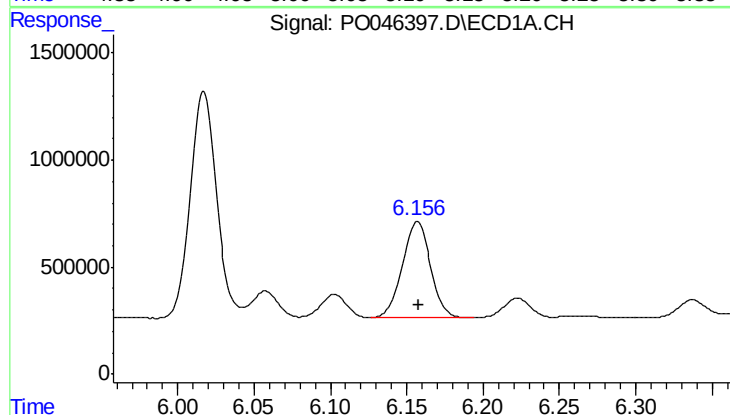
R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 12739471
Conc: 1662.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



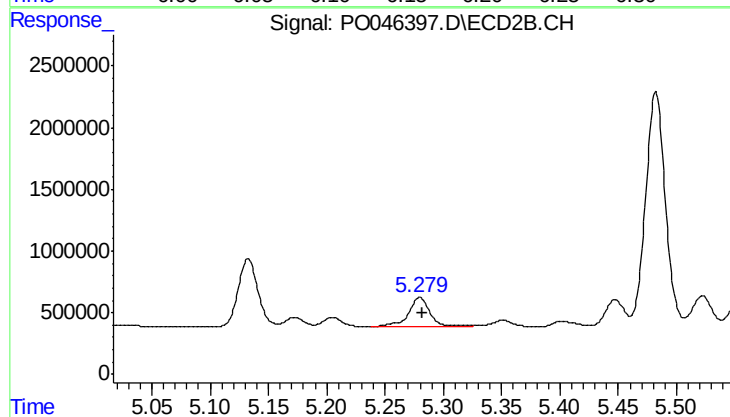
#19 AR-1242-4

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 6344512
Conc: 1737.21 ng/ml



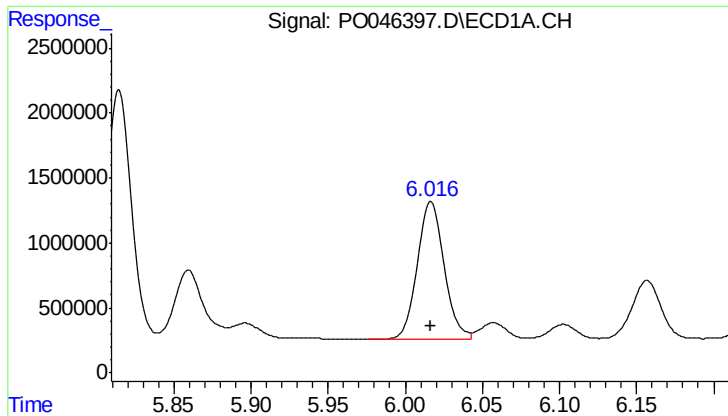
#20 AR-1242-5

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 5832774
Conc: 681.19 ng/ml



#20 AR-1242-5

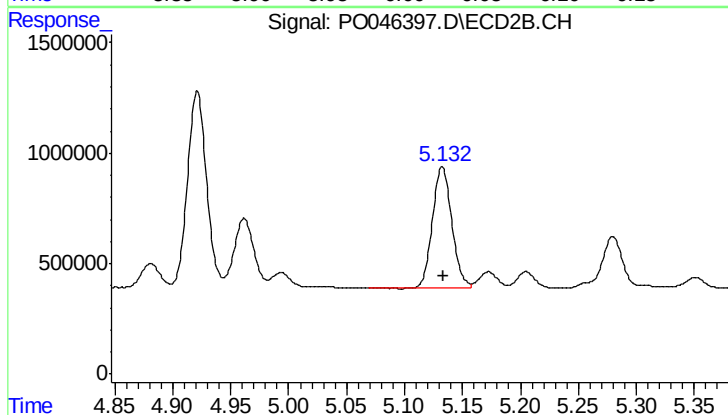
R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 3084894
Conc: 884.17 ng/ml



#21 AR-1248-1

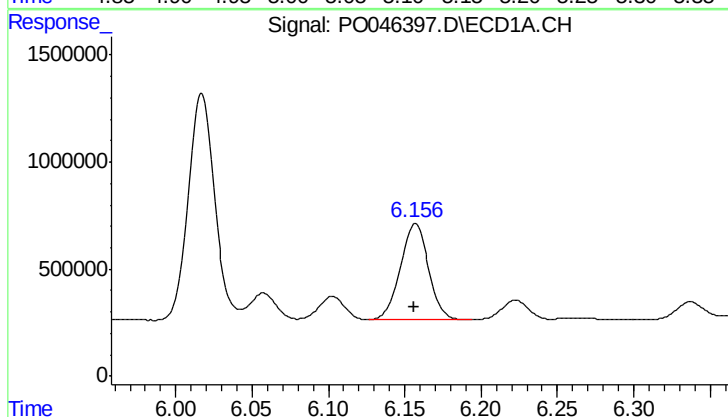
R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 12739471
Conc: 1091.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



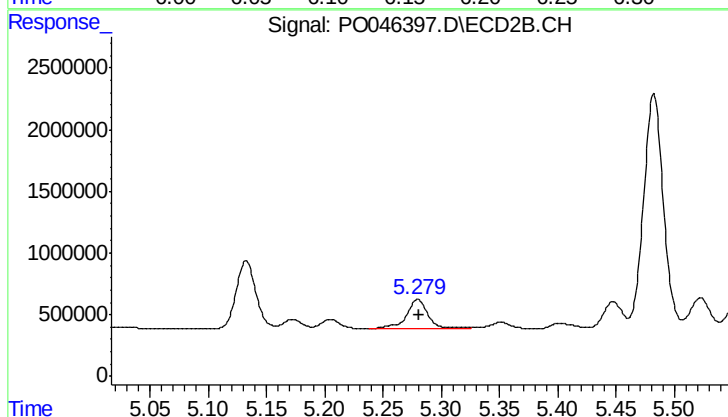
#21 AR-1248-1

R.T.: 5.133 min
Delta R.T.: -0.001 min
Response: 6344512
Conc: 1141.70 ng/ml



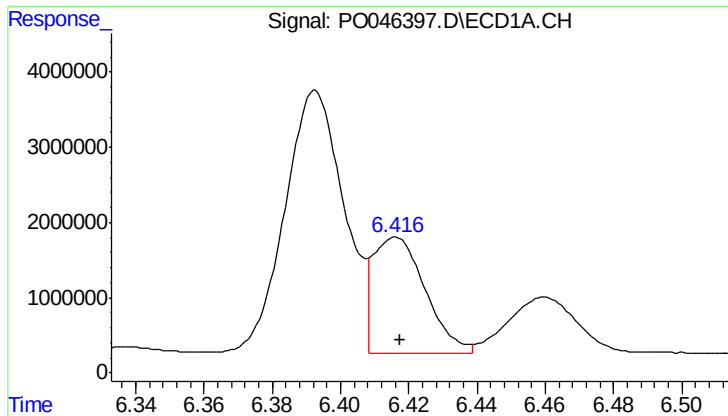
#22 AR-1248-2

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 5832774
Conc: 574.56 ng/ml



#22 AR-1248-2

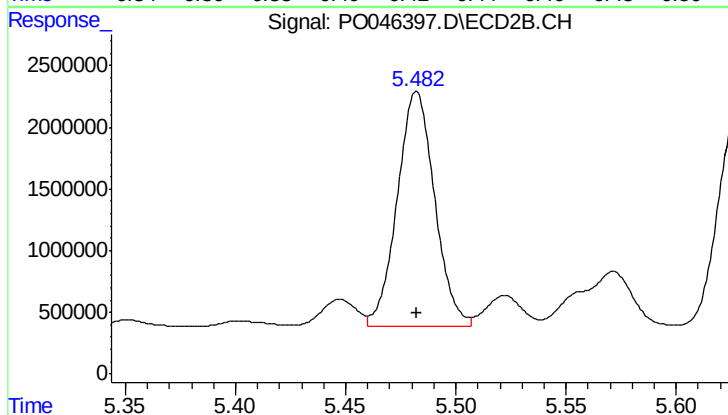
R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 3084894
Conc: 617.02 ng/ml



#23 AR-1248-3

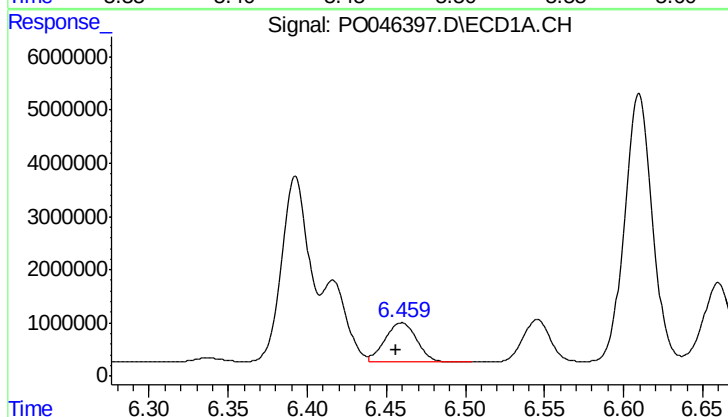
R.T.: 6.416 min
Delta R.T.: -0.001 min
Response: 16462413
Conc: 1213.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



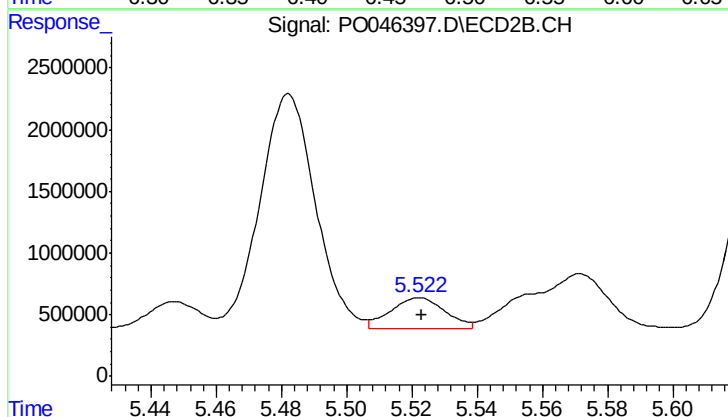
#23 AR-1248-3

R.T.: 5.482 min
Delta R.T.: 0.000 min
Response: 22423649
Conc: 3103.46 ng/ml



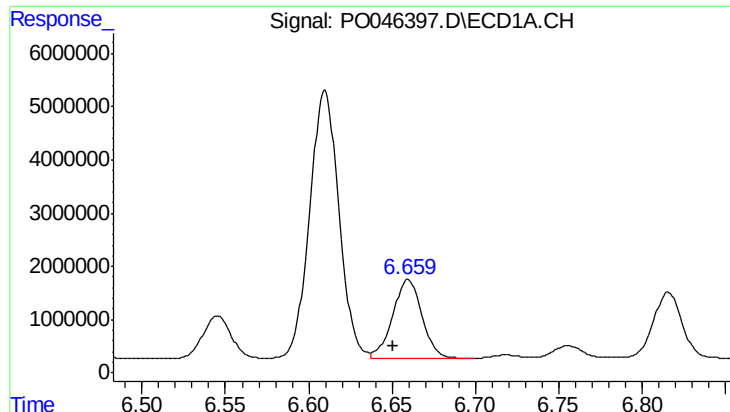
#24 AR-1248-4

R.T.: 6.460 min
Delta R.T.: 0.004 min
Response: 10298004
Conc: 792.66 ng/ml



#24 AR-1248-4

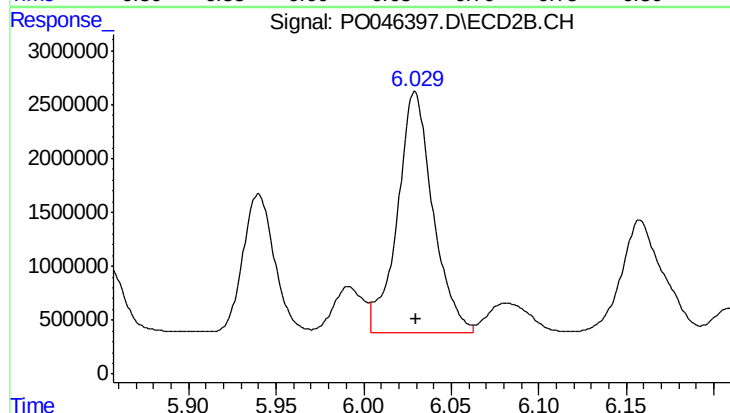
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 2860671
Conc: 531.14 ng/ml



#25 AR-1248-5

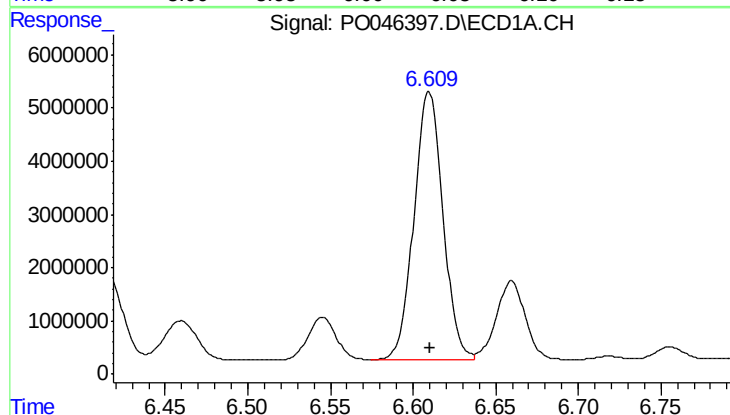
R.T.: 6.660 min
Delta R.T.: 0.009 min
Response: 18220084
Conc: 2230.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



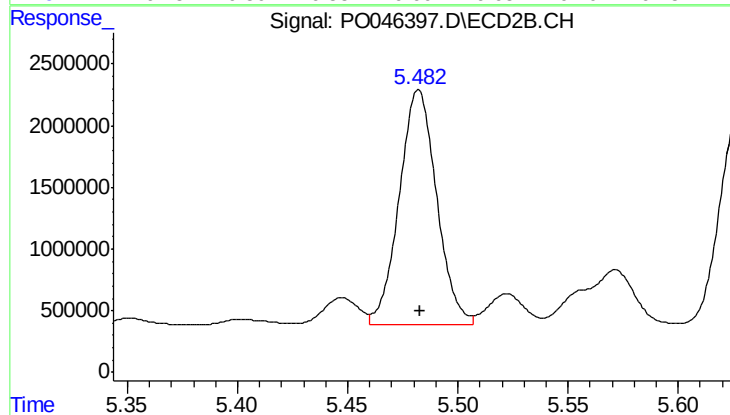
#25 AR-1248-5

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 31531843
Conc: 9508.98 ng/ml



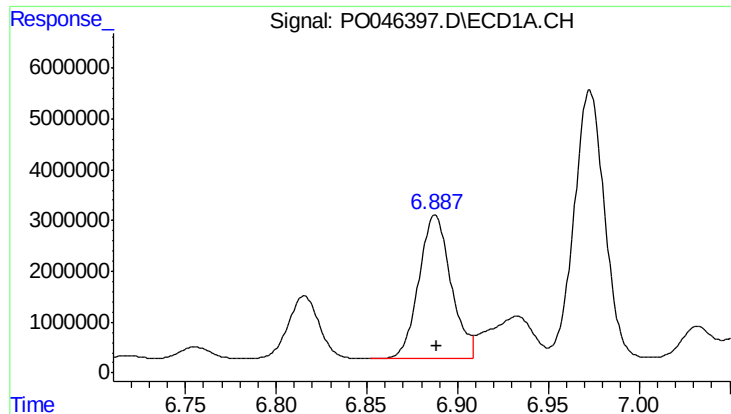
#26 AR-1254-1

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 61626459
Conc: 3146.30 ng/ml



#26 AR-1254-1

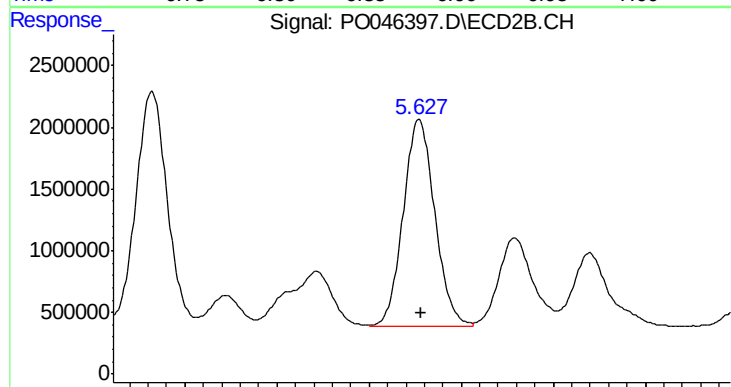
R.T.: 5.482 min
Delta R.T.: 0.000 min
Response: 22423649
Conc: 2683.65 ng/ml



#27 AR-1254-2

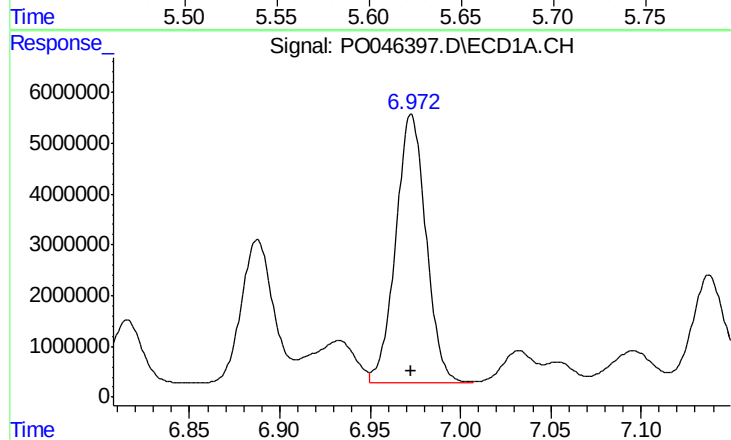
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 35079814
Conc: 3017.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



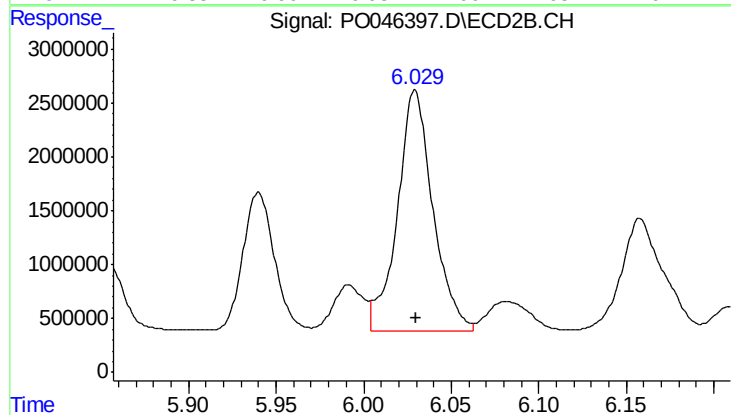
#27 AR-1254-2

R.T.: 5.627 min
Delta R.T.: -0.001 min
Response: 19889215
Conc: 2858.09 ng/ml



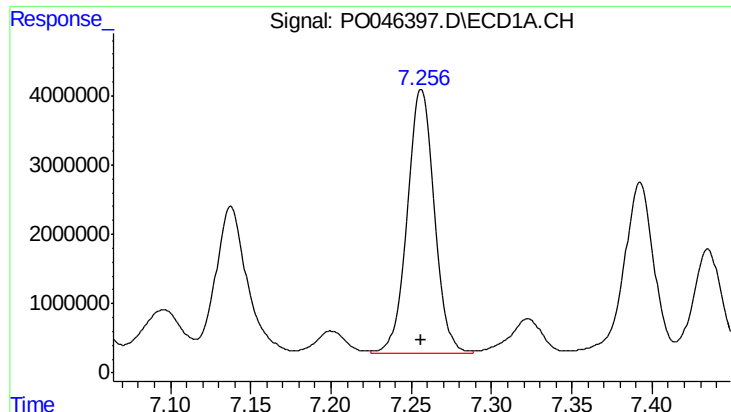
#28 AR-1254-3

R.T.: 6.973 min
Delta R.T.: 0.000 min
Response: 61929551
Conc: 3105.63 ng/ml



#28 AR-1254-3

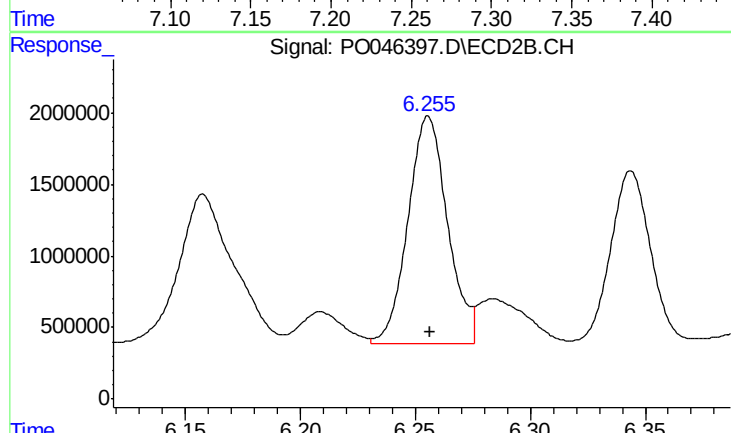
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 31531843
Conc: 3053.37 ng/ml



#29 AR-1254-4

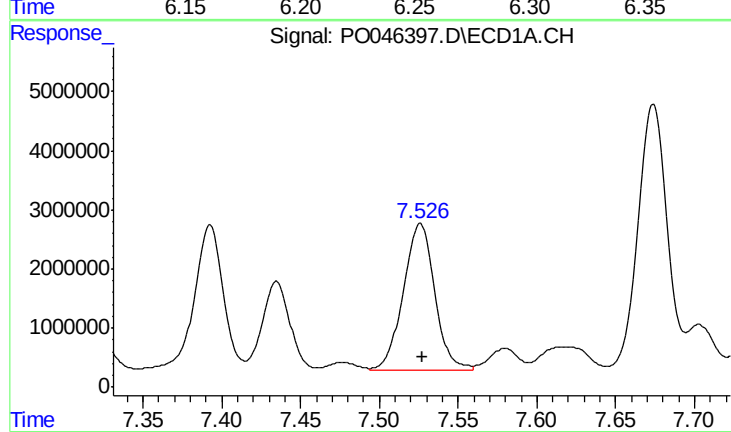
R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 44435314
Conc: 3133.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



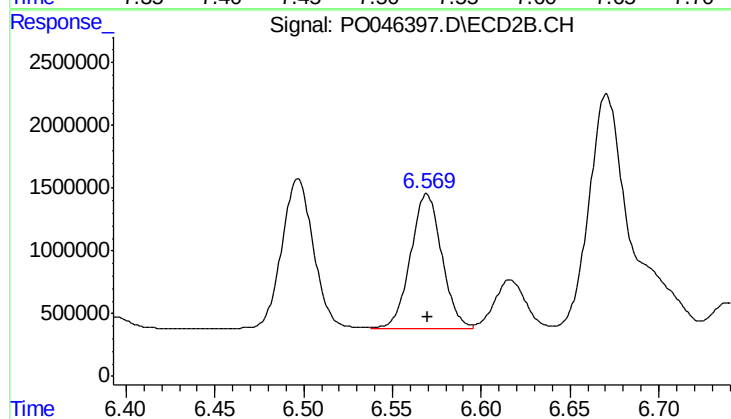
#29 AR-1254-4

R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 19217841
Conc: 2807.64 ng/ml



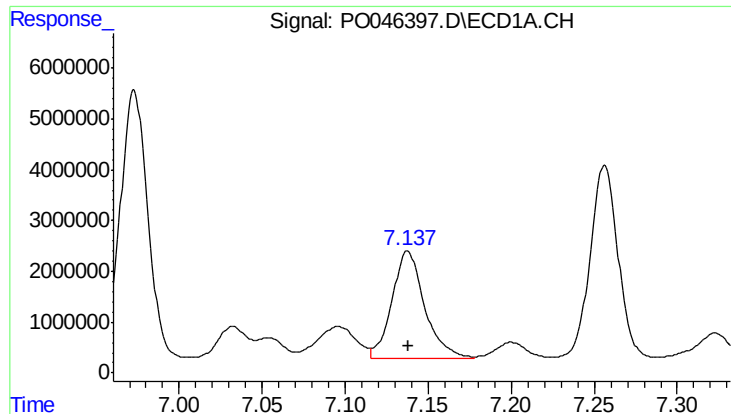
#30 AR-1254-5

R.T.: 7.526 min
Delta R.T.: -0.001 min
Response: 34654221
Conc: 3428.49 ng/ml



#30 AR-1254-5

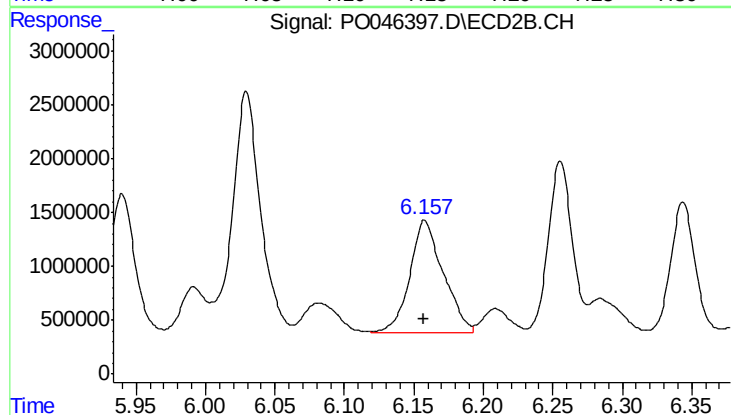
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 13208063
Conc: 2845.38 ng/ml



#31 AR-1260-1

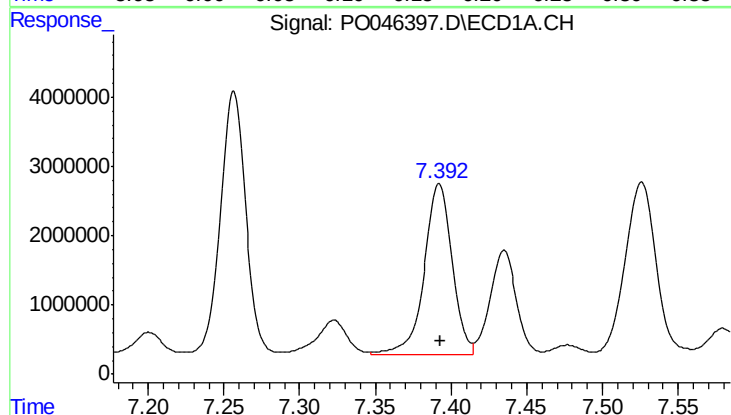
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 29118188
Conc: 1786.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



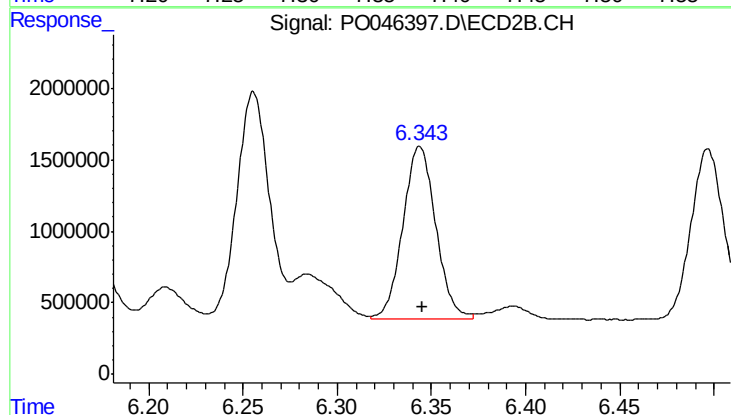
#31 AR-1260-1

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 17439960
Conc: 2120.53 ng/ml



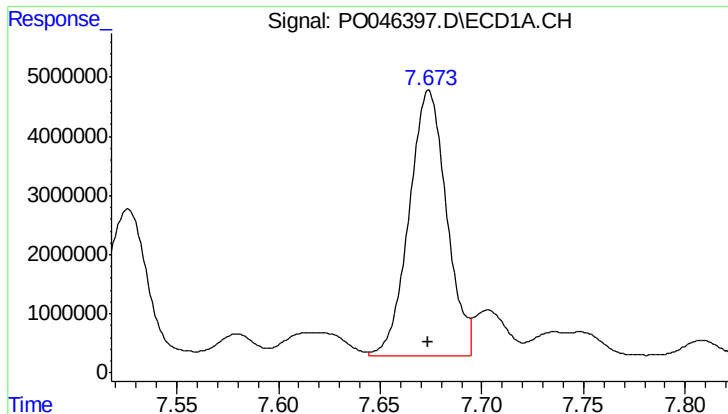
#32 AR-1260-2

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 31723319
Conc: 1701.88 ng/ml



#32 AR-1260-2

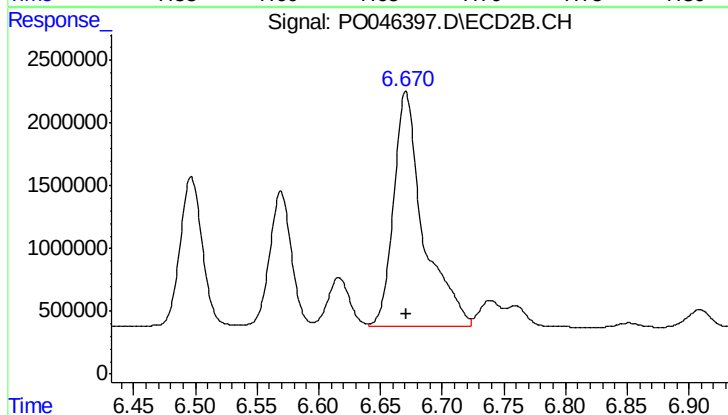
R.T.: 6.344 min
Delta R.T.: -0.001 min
Response: 14804429
Conc: 1524.91 ng/ml



#33 AR-1260-3

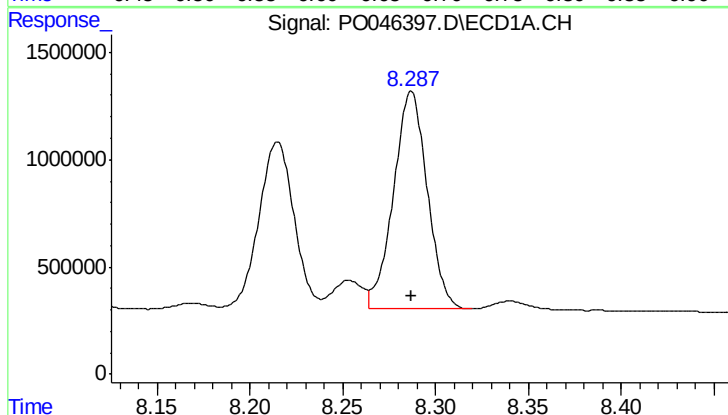
R.T.: 7.674 min
Delta R.T.: 0.000 min
Response: 57237520
Conc: 2800.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



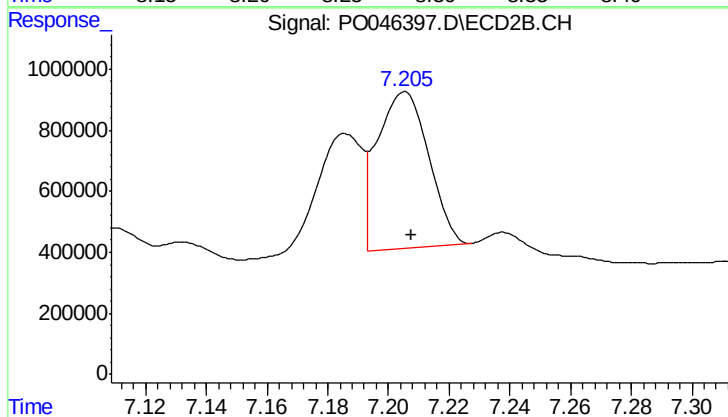
#33 AR-1260-3

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 31634800
Conc: 3134.27 ng/ml



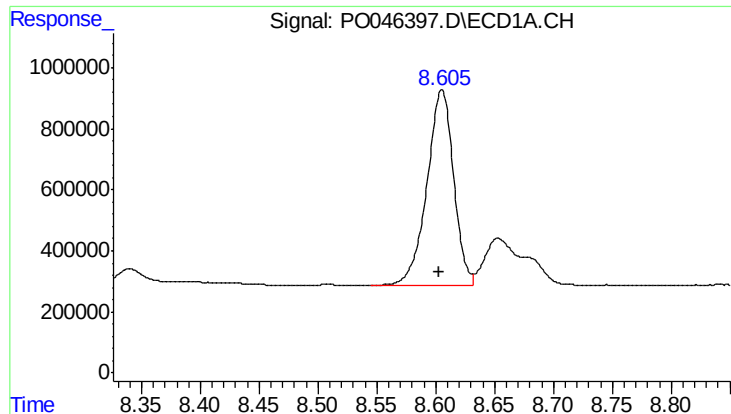
#34 AR-1260-4

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 12898747
Conc: 475.39 ng/ml



#34 AR-1260-4

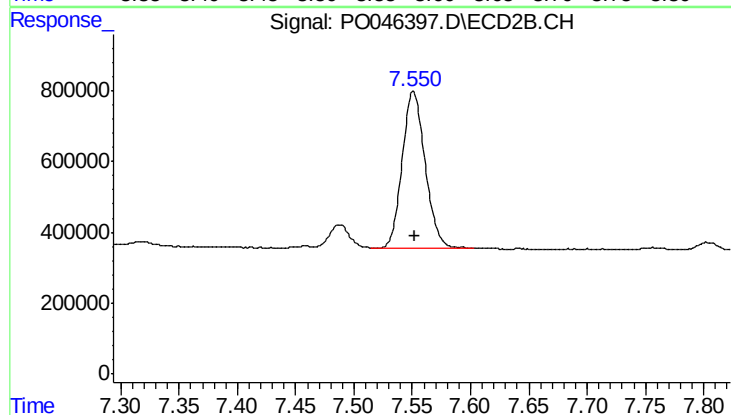
R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 5981960
Conc: 413.41 ng/ml



#35 AR-1260-5

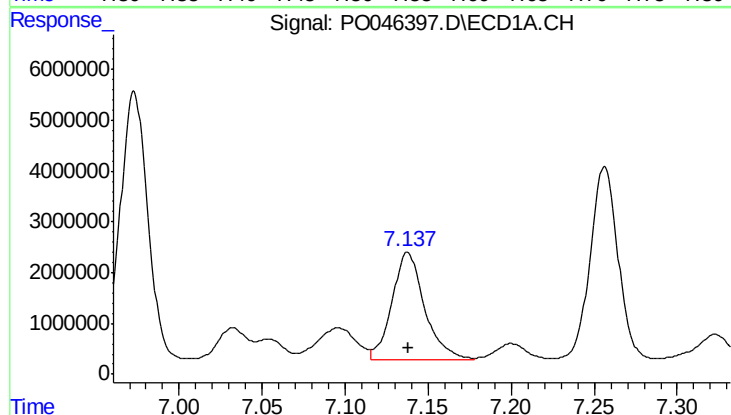
R.T.: 8.605 min
Delta R.T.: 0.002 min
Response: 10051735
Conc: 578.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



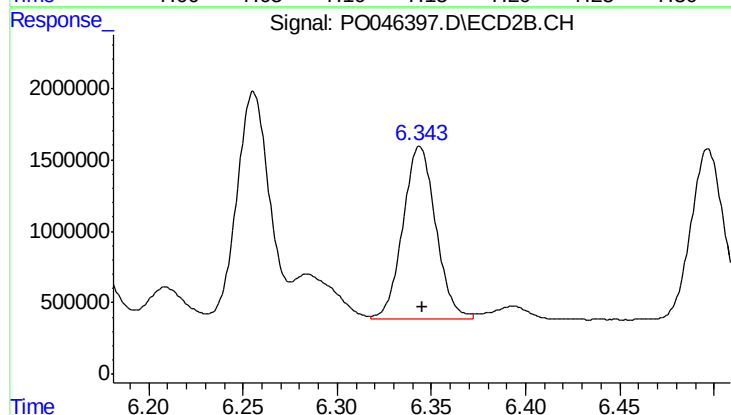
#35 AR-1260-5

R.T.: 7.551 min
Delta R.T.: -0.001 min
Response: 6092068
Conc: 569.67 ng/ml



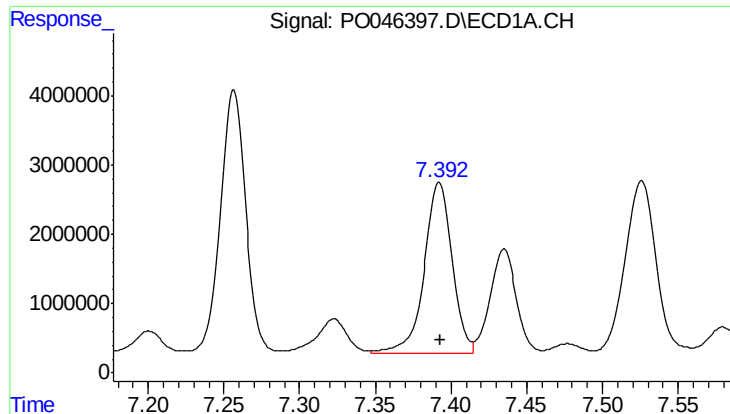
#36 AR-1262-1

R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 29118188
Conc: 2445.99 ng/ml



#36 AR-1262-1

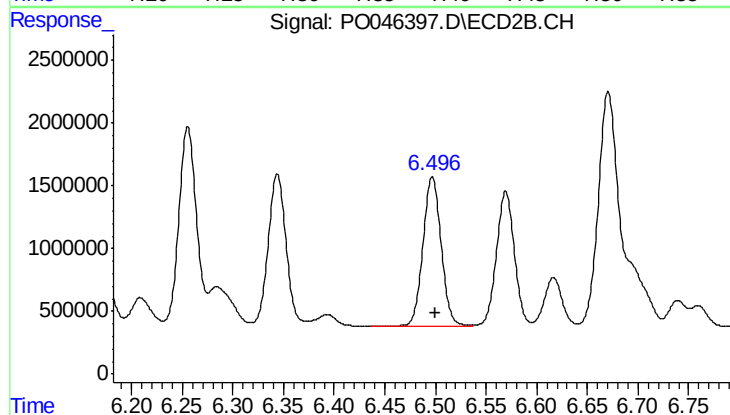
R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 14804429
Conc: 2081.35 ng/ml



#37 AR-1262-2

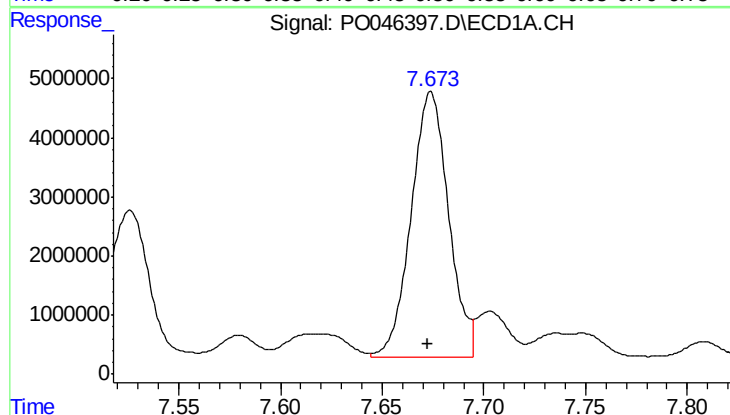
R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 31723319
Conc: 2415.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



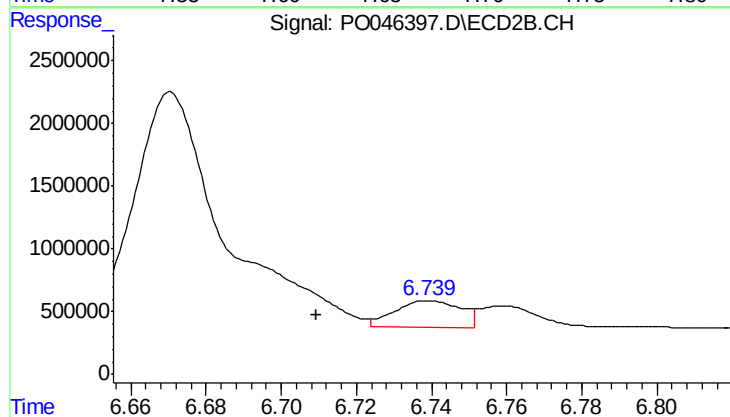
#37 AR-1262-2

R.T.: 6.497 min
Delta R.T.: -0.004 min
Response: 14828392
Conc: 2226.16 ng/ml



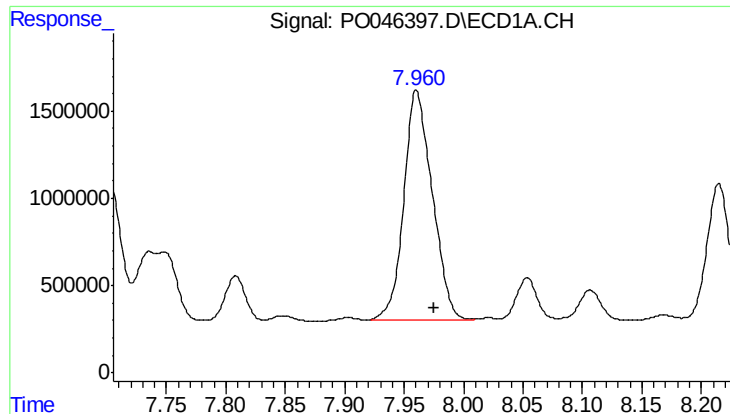
#38 AR-1262-3

R.T.: 7.674 min
Delta R.T.: 0.002 min
Response: 57237520
Conc: 4967.87 ng/ml



#38 AR-1262-3

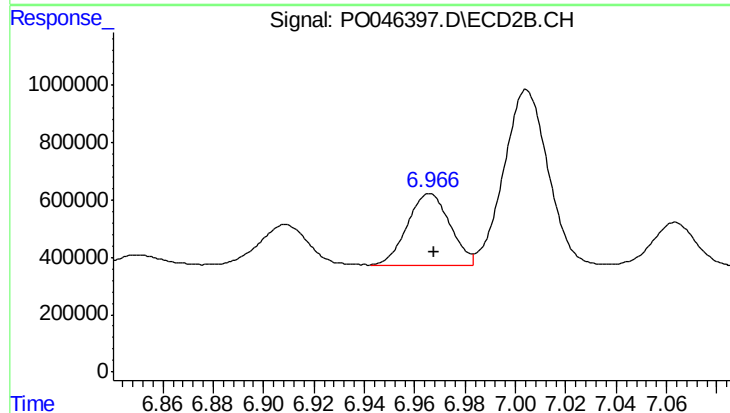
R.T.: 6.739 min
Delta R.T.: 0.030 min
Response: 2574905
Conc: 299.22 ng/ml



#39 AR-1262-4

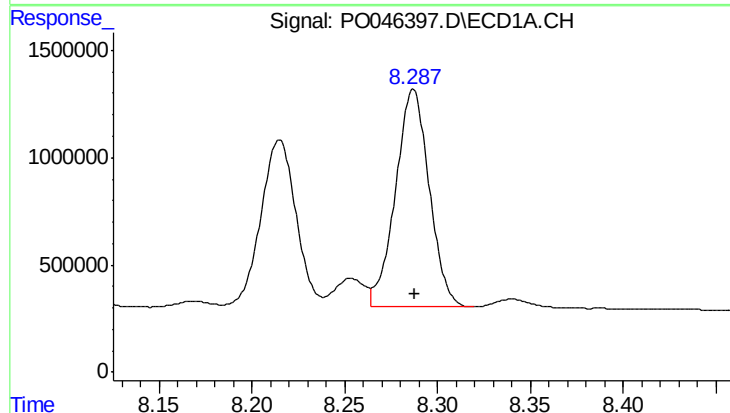
R.T.: 7.960 min
Delta R.T.: -0.015 min
Response: 21944839
Conc: 1443.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



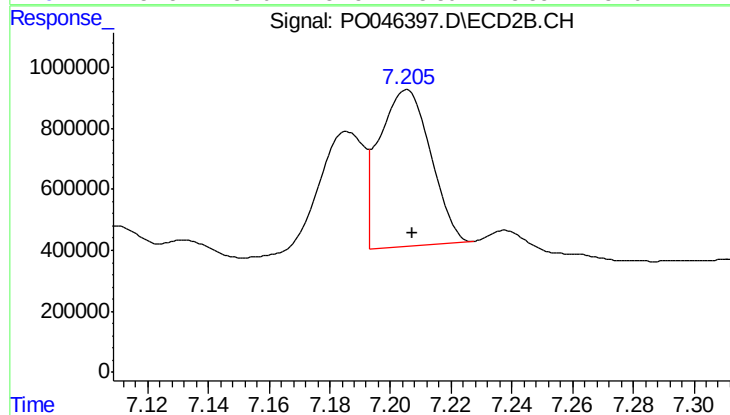
#39 AR-1262-4

R.T.: 6.966 min
Delta R.T.: -0.002 min
Response: 2917043
Conc: 402.31 ng/ml



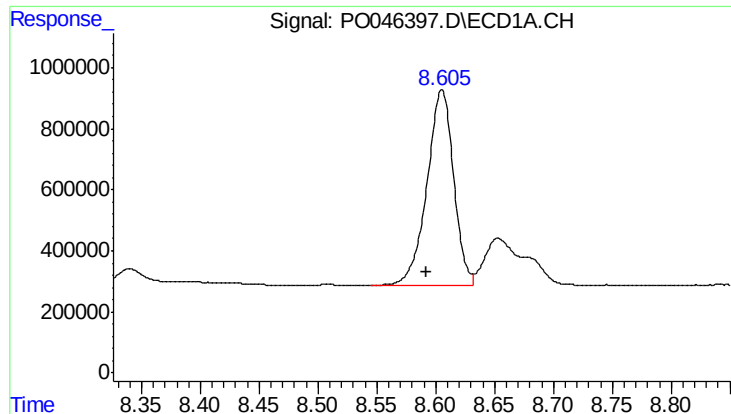
#40 AR-1262-5

R.T.: 8.287 min
Delta R.T.: -0.001 min
Response: 12898747
Conc: 466.03 ng/ml



#40 AR-1262-5

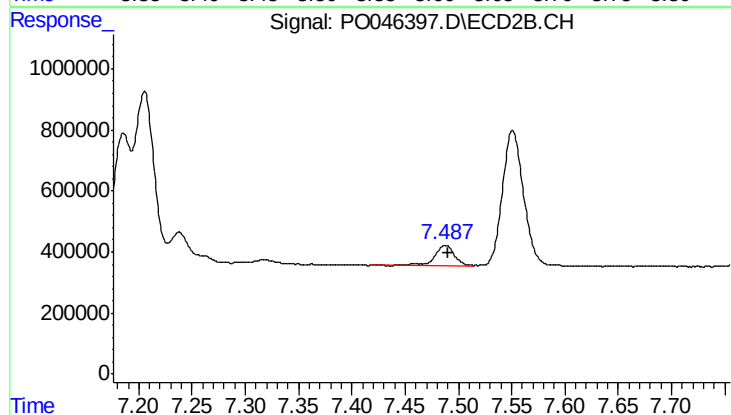
R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 5981960
Conc: 439.29 ng/ml



#41 AR-1268-1

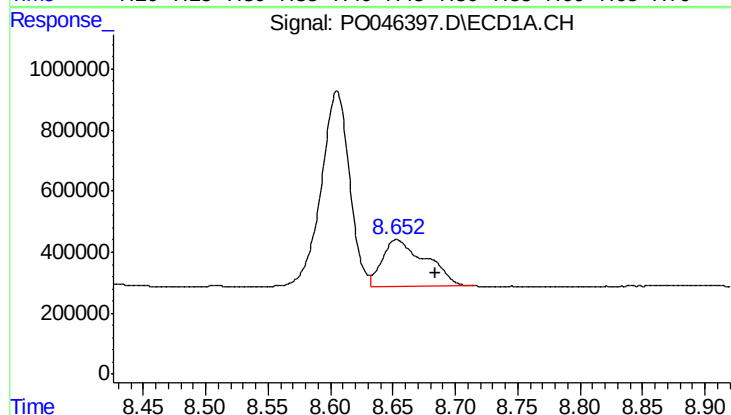
R.T.: 8.605 min
Delta R.T.: 0.014 min
Response: 10051735
Conc: 347.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



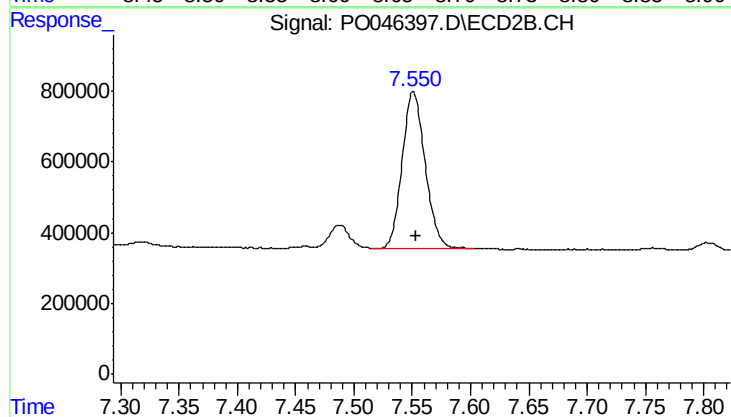
#41 AR-1268-1

R.T.: 7.488 min
Delta R.T.: -0.002 min
Response: 835900
Conc: 60.97 ng/ml



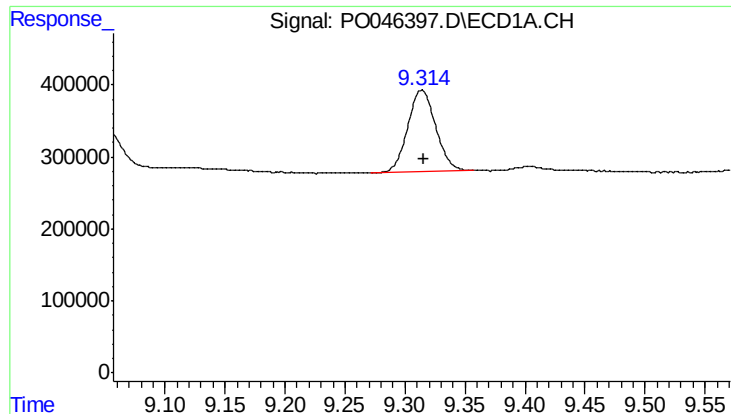
#42 AR-1268-2

R.T.: 8.653 min
Delta R.T.: -0.031 min
Response: 3682531
Conc: 137.67 ng/ml



#42 AR-1268-2

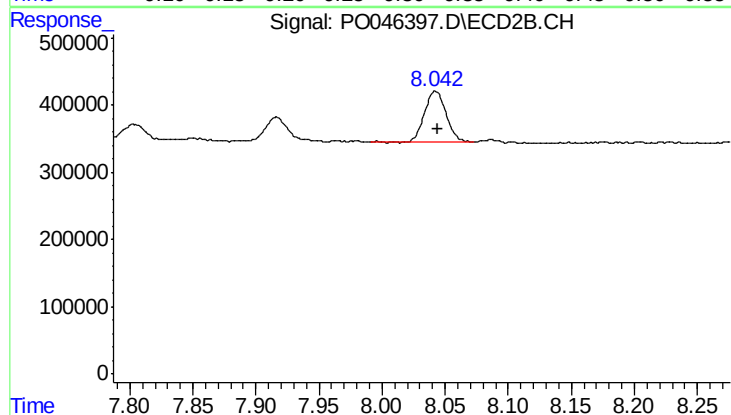
R.T.: 7.551 min
Delta R.T.: -0.003 min
Response: 6092068
Conc: 477.80 ng/ml



#44 AR-1268-4

R.T.: 9.314 min
Delta R.T.: -0.002 min
Response: 1833826
Conc: 182.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB110665BS



#44 AR-1268-4

R.T.: 8.042 min
Delta R.T.: -0.002 min
Response: 897004
Conc: 189.91 ng/ml