

Data Path : P:\HPCHEM1\ECD_0\Data\P0060418\
 Data File : P0045438.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Jun 2018 20:45
 Operator : SM/UA
 Sample : AR1660CCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:59:24 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0053018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 31 04:53:22 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...	3.996	3.272	13166961	17633615	63.038	63.592
2) SA Decachlor...	9.273	7.992	9425698	9801164	41.040	34.776
Target Compounds						
3) L1 AR-1016-1	4.853	4.076	3157467	4689253	597.888	678.538
4) L1 AR-1016-2	5.189	4.506	4176696	3362697	625.920	570.275
5) L1 AR-1016-3	5.284	4.543	3249837	4037090	580.796	576.253
6) L1 AR-1016-4	5.700	4.706	2928206	4292827	504.300	576.625
7) L1 AR-1016-5	5.927	5.037	2530989	4398454	503.684	586.636
8) L2 AR-1221-1	0.000	3.471	0	520829	N.D.	99.539 #
9) L2 AR-1221-2	4.282	3.553	593855	766375	204.611	204.456
10) L2 AR-1221-3	4.353	3.622	2310060	2936022	245.787	237.521
11) L3 AR-1232-1	4.353	3.622	2310060	2936022	522.844	505.622
12) L3 AR-1232-2	5.109	4.298	3802754	14352769	1154.920	1136.277
13) L3 AR-1232-3	5.130	4.354	6696572	5707565	1173.676	1094.840
14) L3 AR-1232-4	5.189	4.465	4176696	4105937	1220.443	1077.172
15) L3 AR-1232-5	5.284	4.543	3249837	4037090	1209.365	1193.551
16) L4 AR-1242-1	4.670	4.076	2974535	4689253	745.320	837.797
17) L4 AR-1242-2	5.130	4.298	6696572	14352769	737.135	701.452
18) L4 AR-1242-3	5.284	4.465	3249837	4105937	730.640	668.057
19) L4 AR-1242-4	5.564	4.543	2799938	4037090	645.135	674.851
20) L4 AR-1242-5	5.700	4.706	2928206	4292827	604.506	657.914
21) L5 AR-1248-1	5.564	4.706	2799938	4292827	394.779	404.458
22) L5 AR-1248-2	5.700	4.843	2928206	4650083	470.321	451.908
23) L5 AR-1248-3	5.955	5.037	1120426	4398454	129.227	273.532 #
24) L5 AR-1248-4	5.991	5.079	940586	1273027	106.250	95.014
25) L5 AR-1248-5	6.138	5.572	2141419	5345651	383.470	742.993 #
26) L6 AR-1254-1	6.138	5.037	2141419	4398454	154.841	237.356 #
27) L6 AR-1254-2	6.411	5.180	352748	2835570	36.708	175.877 #
28) L6 AR-1254-3	6.494	5.572	1242900	5345651	78.883	207.442 #
29) L6 AR-1254-4	6.771	5.812	975319	2018074	74.678	101.343 #
30) L6 AR-1254-5	7.055	6.083	530445	858364	55.464	71.663 #
31) L7 AR-1260-1	6.652	5.685	5662232	7668603	488.833	468.511
32) L7 AR-1260-2	6.902	5.872	6863952	9163870	451.080	433.741
33) L7 AR-1260-3	7.252	6.216	5331704	7935767	419.966	419.274
34) L7 AR-1260-4	7.772	6.711	11424730	14704660	402.159	373.488
35) L7 AR-1260-5	8.056	7.042	6375880	9948458	381.118	361.449
36) L8 AR-1262-1	6.652	5.872	5662232	9163870	520.095	484.107
37) L8 AR-1262-2	6.902	6.013	6863952	8043326	499.005	438.299
38) L8 AR-1262-3	7.179	6.216	7439982	7935767	583.853	258.802 #

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 Operator : SM/UA
 Sample : AR1660CCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

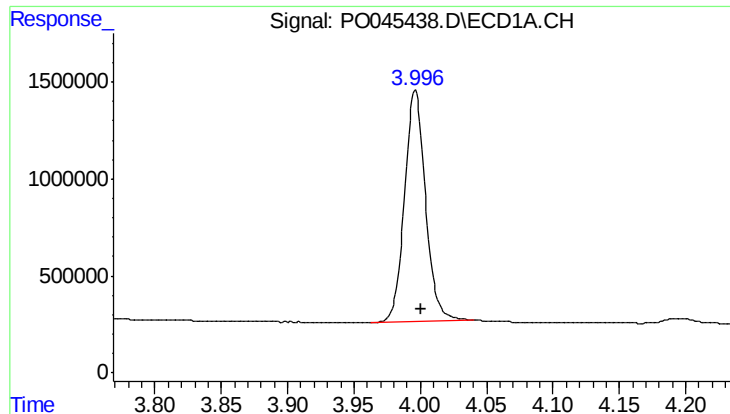
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:59:24 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0053018.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
39)	L8 AR-1262-4	7.473	6.466	5242110	6060525	305.188	240.516
40)	L8 AR-1262-5	7.772	6.711	11424730	14704660	309.157	269.855
41)	L9 AR-1268-1	8.056	6.976	6375880	3371258	167.400	61.100 #
42)	L9 AR-1268-2	8.103	7.042	4053450	9948458	118.972	194.828 #
44)	L9 AR-1268-4	8.669	7.531	3008327	3287267	246.971	188.877
45)	L9 AR-1268-5	9.004	7.789	737585	788252	8.624	6.299 #

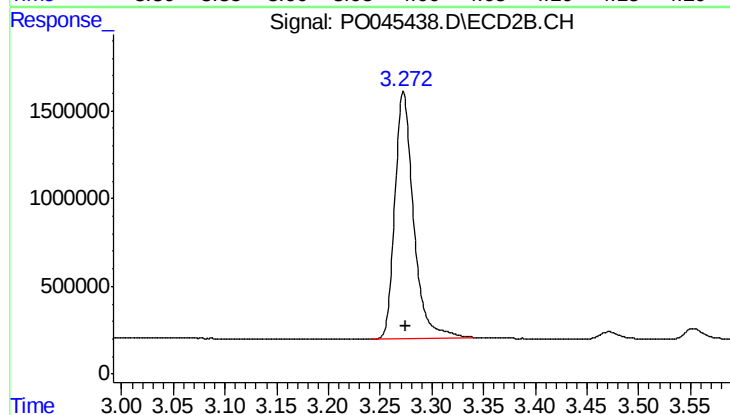
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

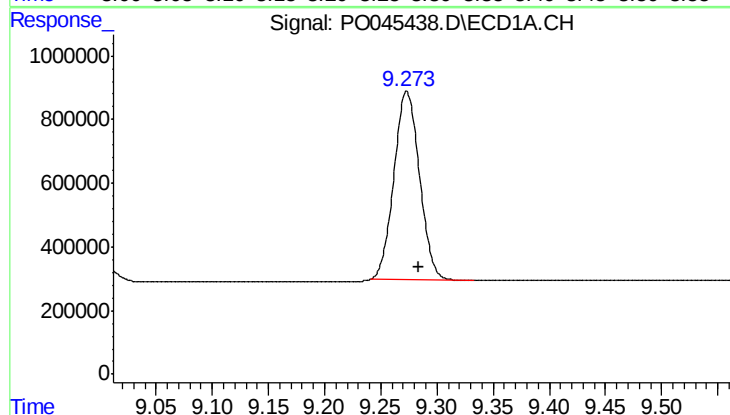
R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 13166961
Conc: 63.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



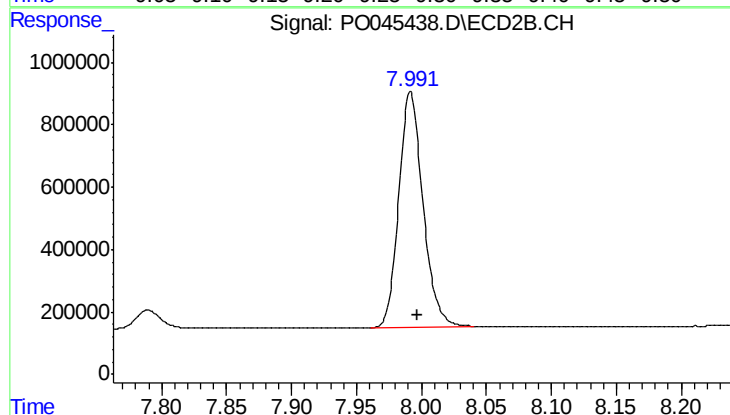
#1 Tetrachloro-m-xylene

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 17633615
Conc: 63.59 ng/ml



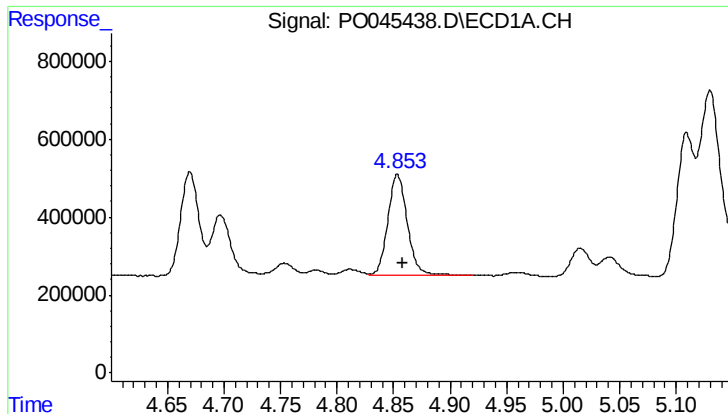
#2 Decachlorobiphenyl

R.T.: 9.273 min
Delta R.T.: -0.010 min
Response: 9425698
Conc: 41.04 ng/ml



#2 Decachlorobiphenyl

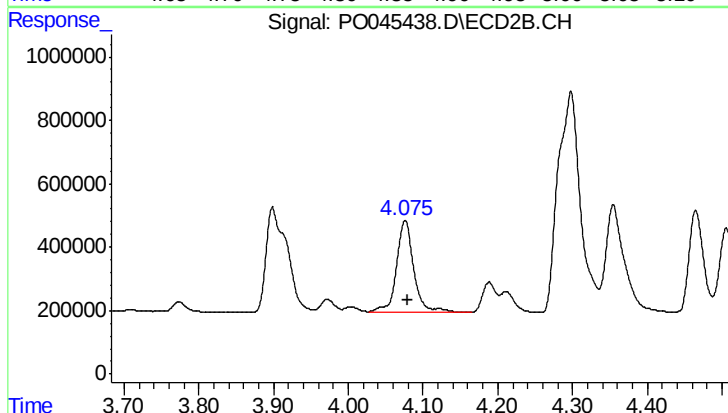
R.T.: 7.992 min
Delta R.T.: -0.006 min
Response: 9801164
Conc: 34.78 ng/ml



#3 AR-1016-1

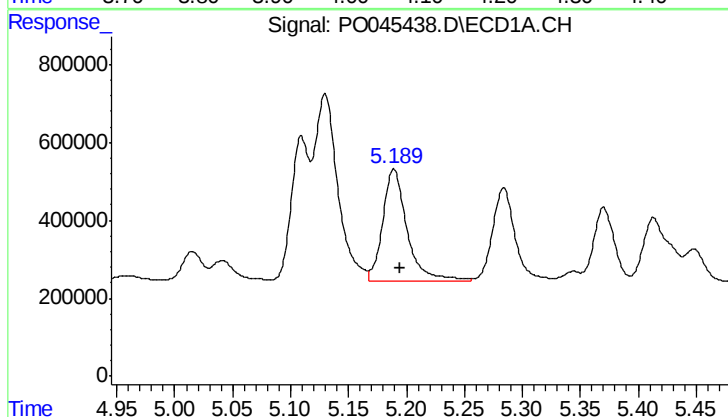
R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 3157467
Conc: 597.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



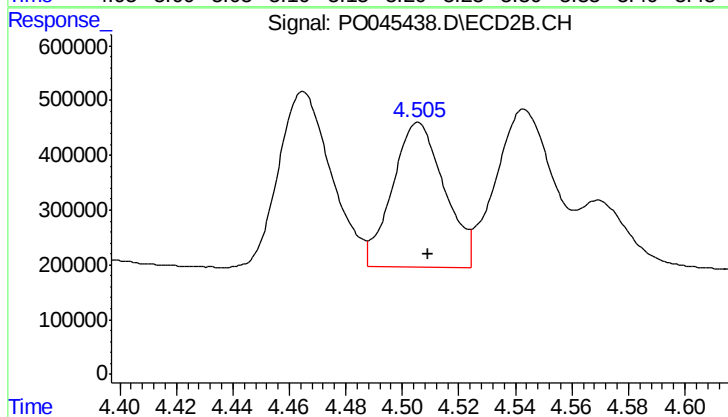
#3 AR-1016-1

R.T.: 4.076 min
Delta R.T.: -0.004 min
Response: 4689253
Conc: 678.54 ng/ml



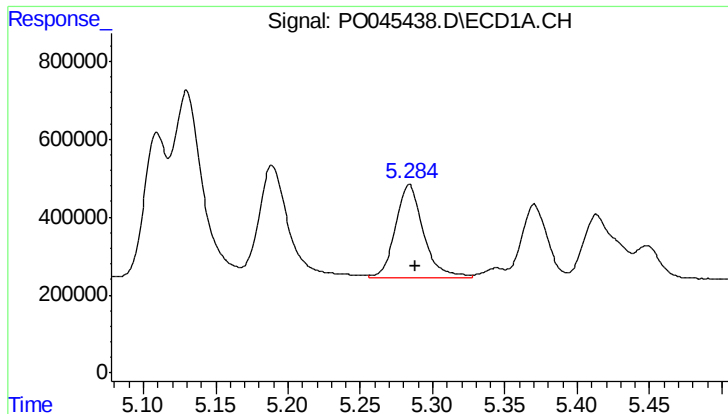
#4 AR-1016-2

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 4176696
Conc: 625.92 ng/ml



#4 AR-1016-2

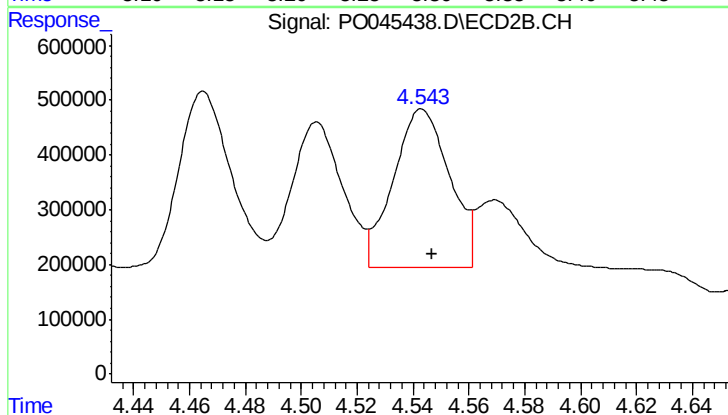
R.T.: 4.506 min
Delta R.T.: -0.004 min
Response: 3362697
Conc: 570.27 ng/ml



#5 AR-1016-3

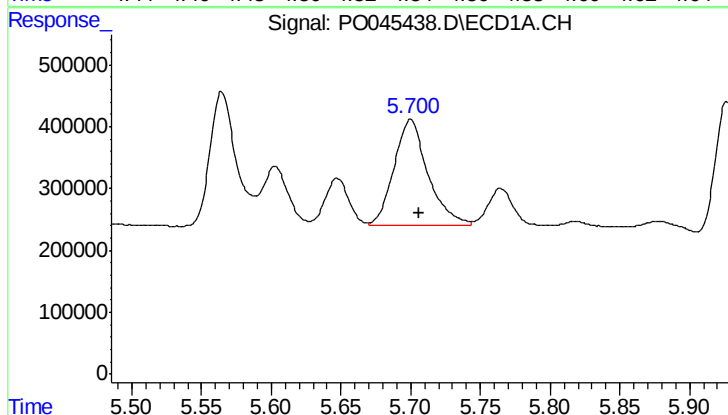
R.T.: 5.284 min
Delta R.T.: -0.004 min
Response: 3249837
Conc: 580.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



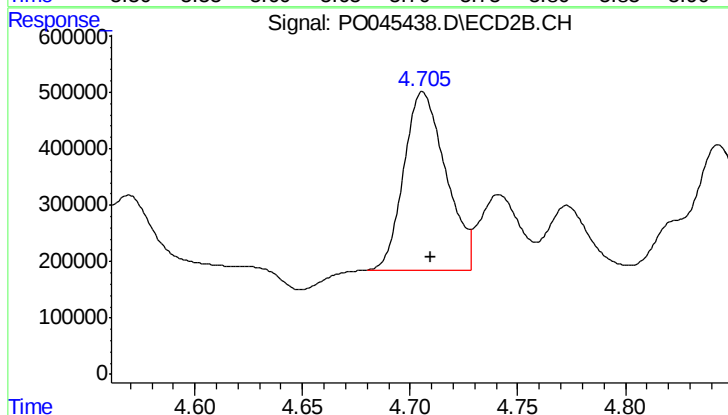
#5 AR-1016-3

R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 4037090
Conc: 576.25 ng/ml



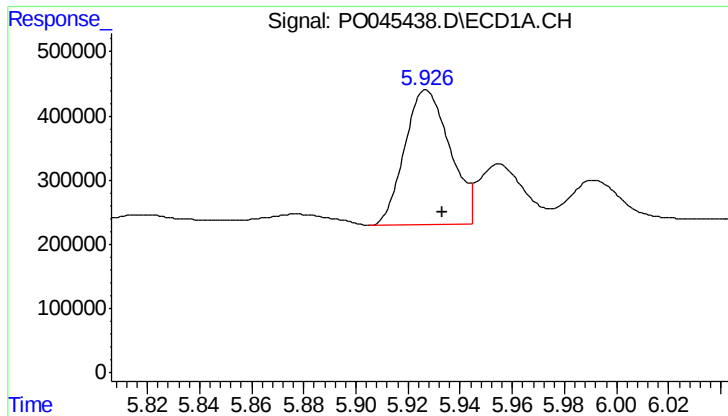
#6 AR-1016-4

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 2928206
Conc: 504.30 ng/ml



#6 AR-1016-4

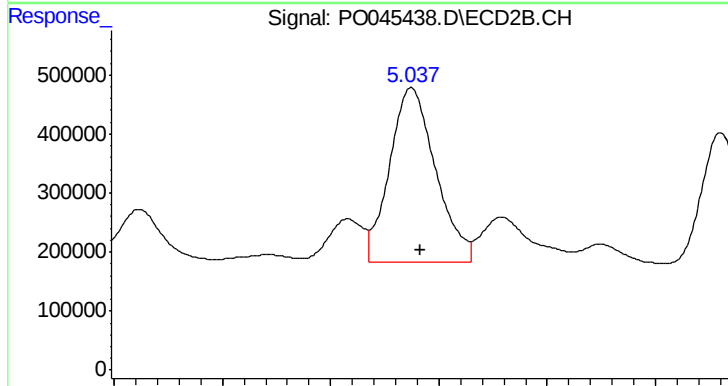
R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 4292827
Conc: 576.62 ng/ml



#7 AR-1016-5

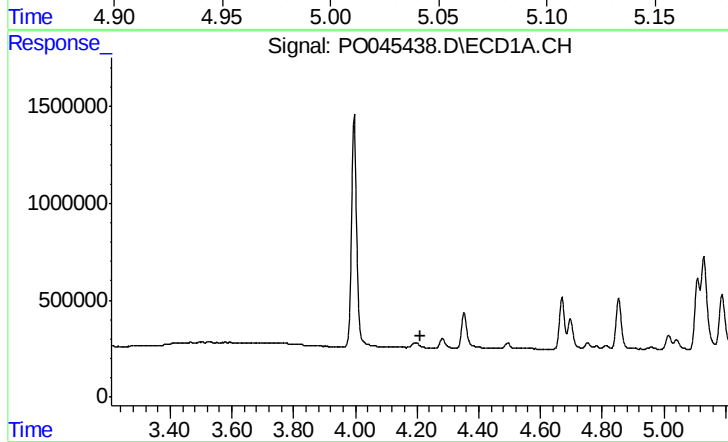
R.T.: 5.927 min
Delta R.T.: -0.006 min
Response: 2530989
Conc: 503.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



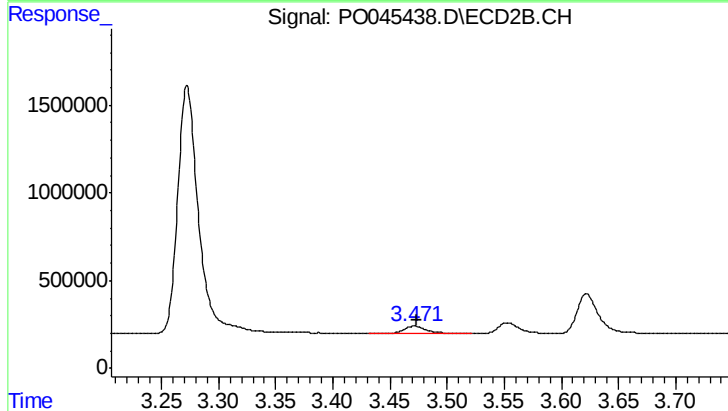
#7 AR-1016-5

R.T.: 5.037 min
Delta R.T.: -0.004 min
Response: 4398454
Conc: 586.64 ng/ml



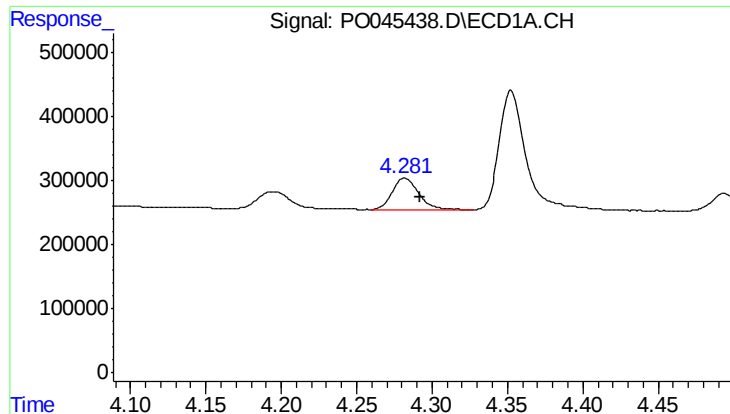
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.210 min
Response: 0
Conc: N.D.



#8 AR-1221-1

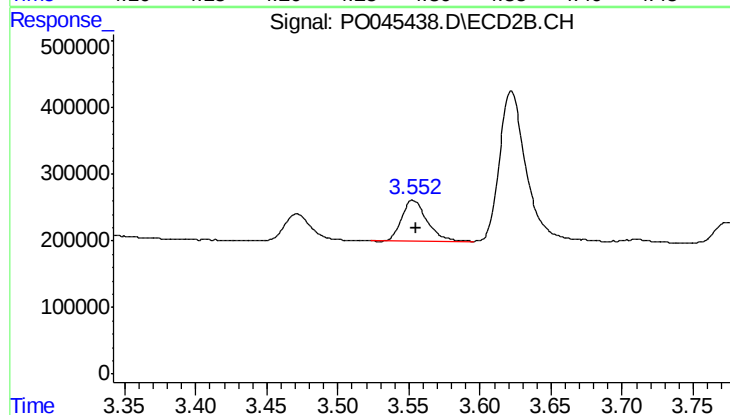
R.T.: 3.471 min
Delta R.T.: -0.003 min
Response: 520829
Conc: 99.54 ng/ml



#9 AR-1221-2

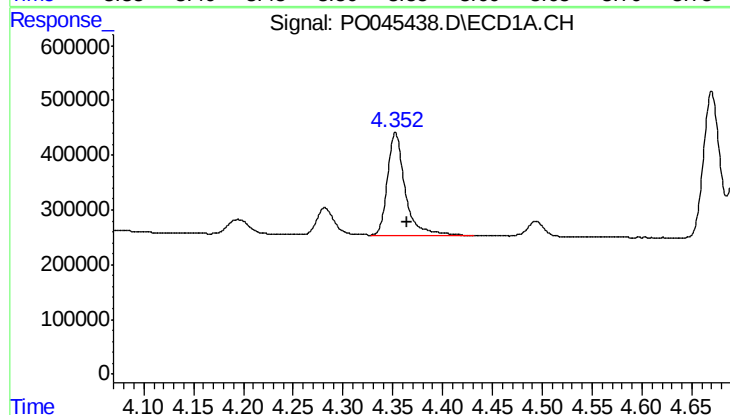
R.T.: 4.282 min
Delta R.T.: -0.011 min
Response: 593855
Conc: 204.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



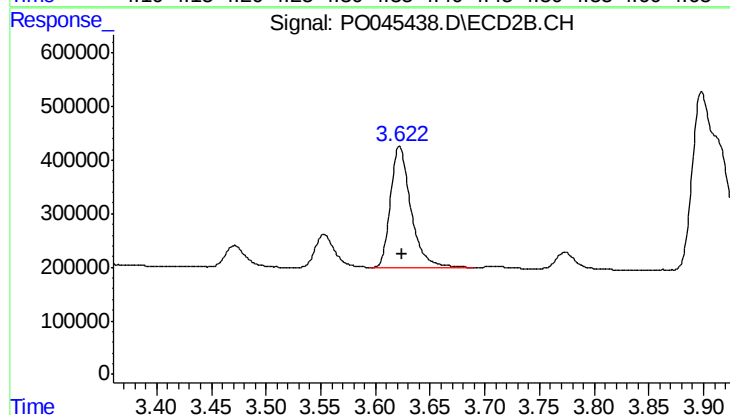
#9 AR-1221-2

R.T.: 3.553 min
Delta R.T.: -0.002 min
Response: 766375
Conc: 204.46 ng/ml



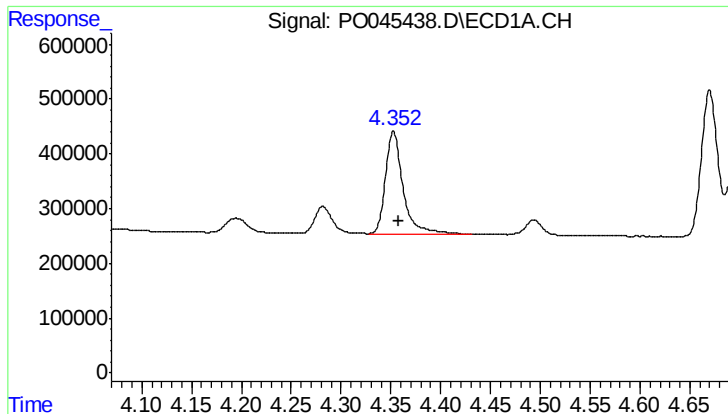
#10 AR-1221-3

R.T.: 4.353 min
Delta R.T.: -0.012 min
Response: 2310060
Conc: 245.79 ng/ml



#10 AR-1221-3

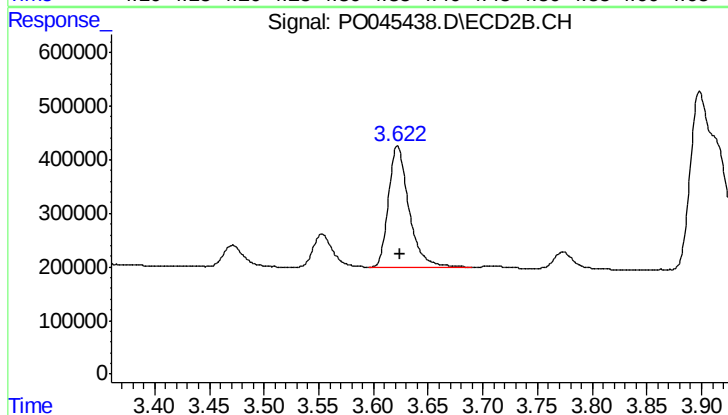
R.T.: 3.622 min
Delta R.T.: -0.002 min
Response: 2936022
Conc: 237.52 ng/ml



#11 AR-1232-1

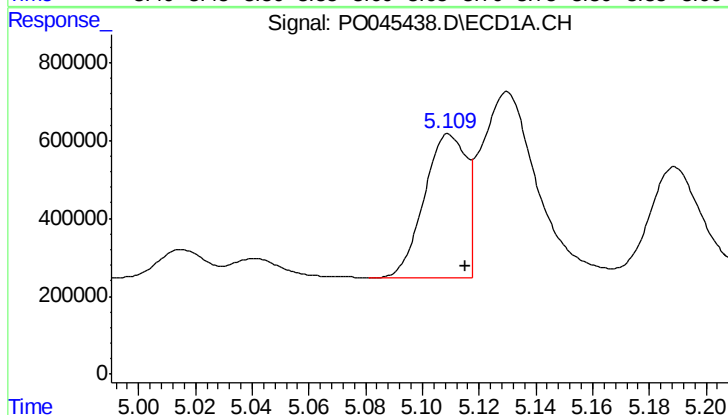
R.T.: 4.353 min
Delta R.T.: -0.005 min
Response: 2310060
Conc: 522.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



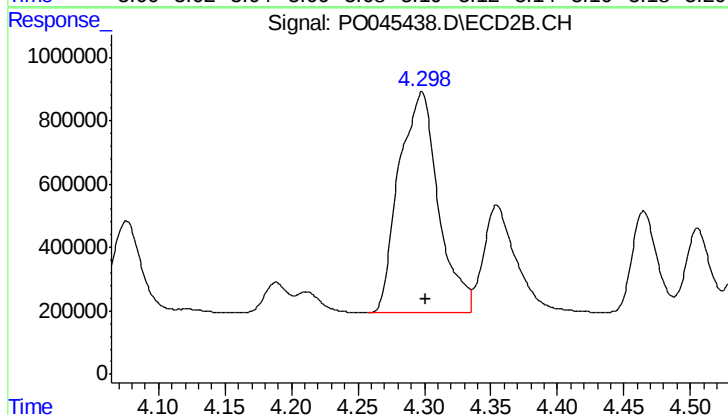
#11 AR-1232-1

R.T.: 3.622 min
Delta R.T.: -0.003 min
Response: 2936022
Conc: 505.62 ng/ml



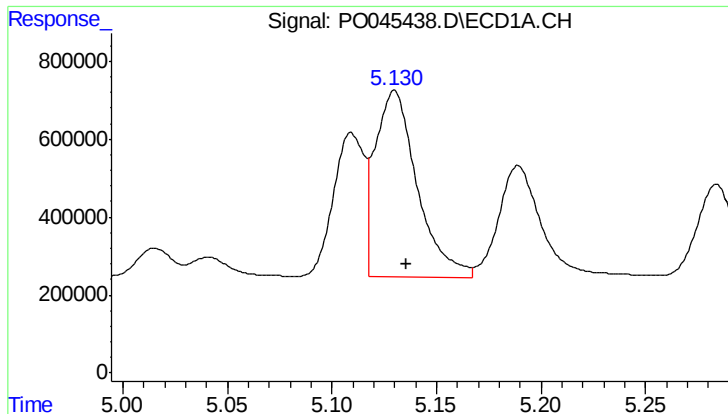
#12 AR-1232-2

R.T.: 5.109 min
Delta R.T.: -0.006 min
Response: 3802754
Conc: 1154.92 ng/ml



#12 AR-1232-2

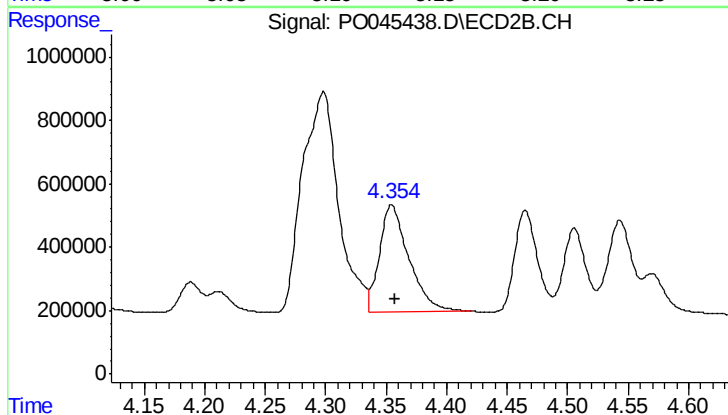
R.T.: 4.298 min
Delta R.T.: -0.003 min
Response: 14352769
Conc: 1136.28 ng/ml



#13 AR-1232-3

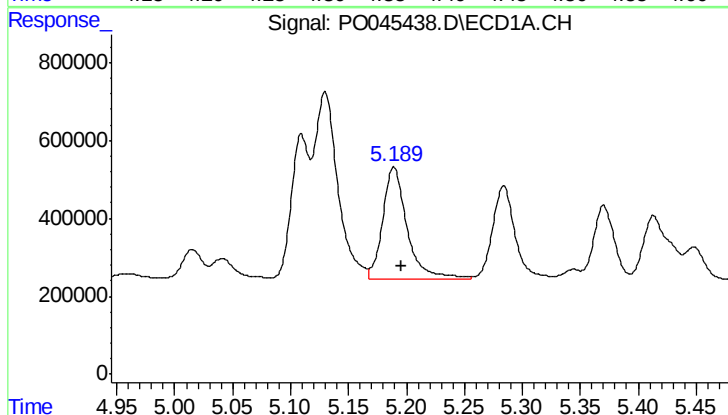
R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 6696572
Conc: 1173.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



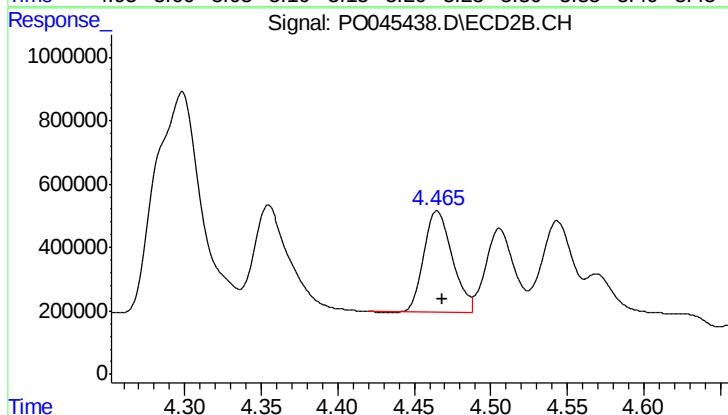
#13 AR-1232-3

R.T.: 4.354 min
Delta R.T.: -0.003 min
Response: 5707565
Conc: 1094.84 ng/ml



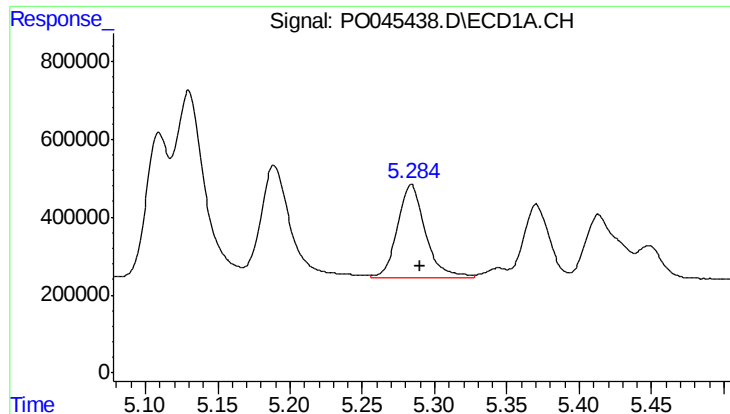
#14 AR-1232-4

R.T.: 5.189 min
Delta R.T.: -0.007 min
Response: 4176696
Conc: 1220.44 ng/ml



#14 AR-1232-4

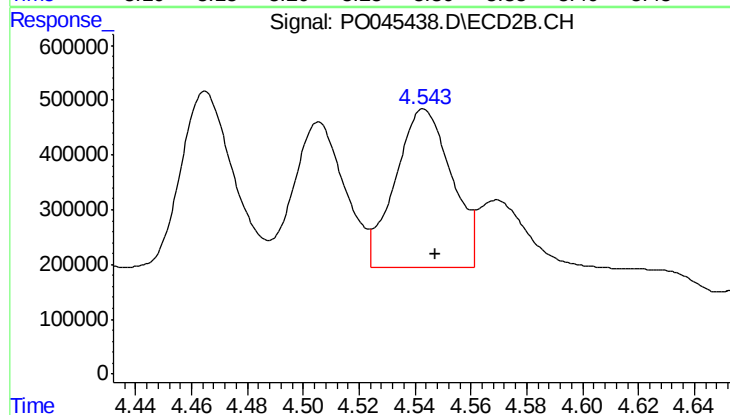
R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 4105937
Conc: 1077.17 ng/ml



#15 AR-1232-5

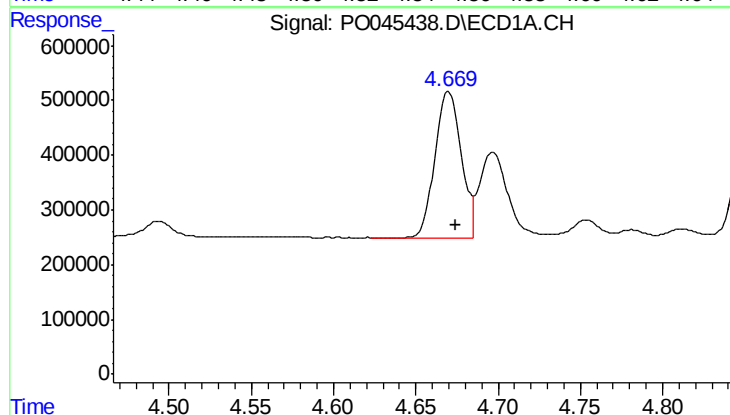
R.T.: 5.284 min
Delta R.T.: -0.006 min
Response: 3249837
Conc: 1209.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



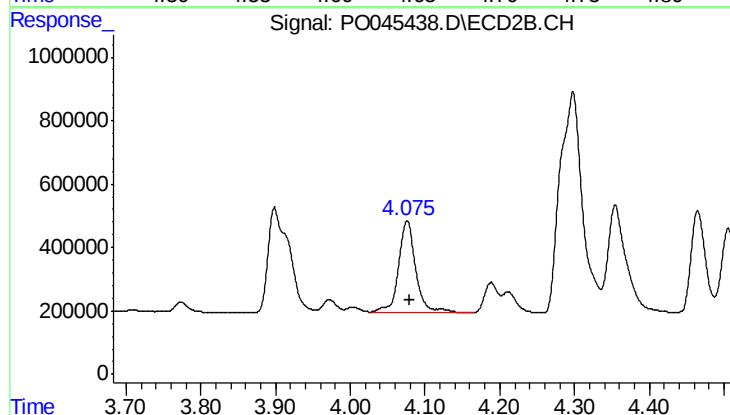
#15 AR-1232-5

R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 4037090
Conc: 1193.55 ng/ml



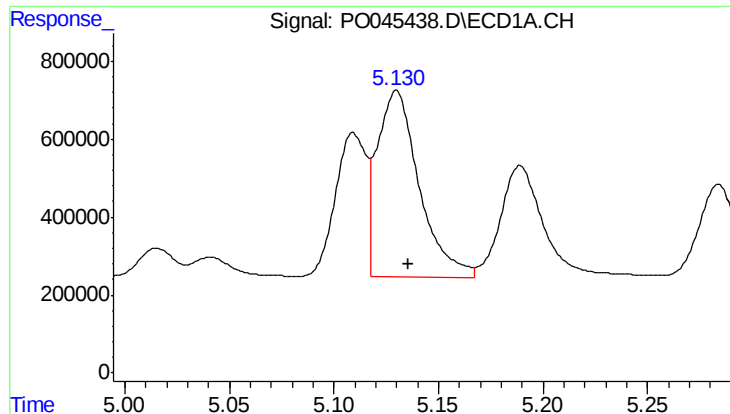
#16 AR-1242-1

R.T.: 4.670 min
Delta R.T.: -0.005 min
Response: 2974535
Conc: 745.32 ng/ml



#16 AR-1242-1

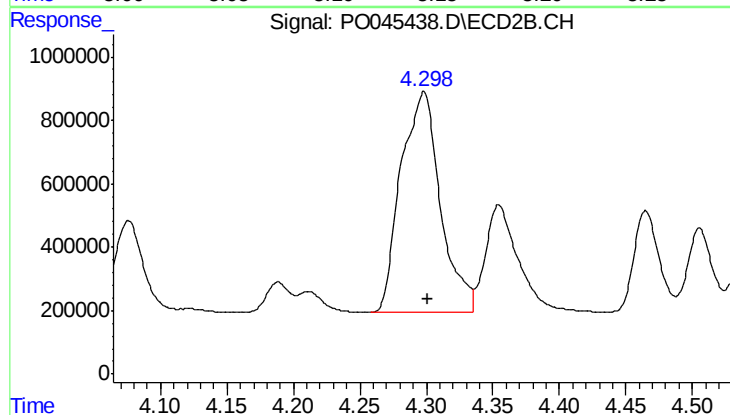
R.T.: 4.076 min
Delta R.T.: -0.004 min
Response: 4689253
Conc: 837.80 ng/ml



#17 AR-1242-2

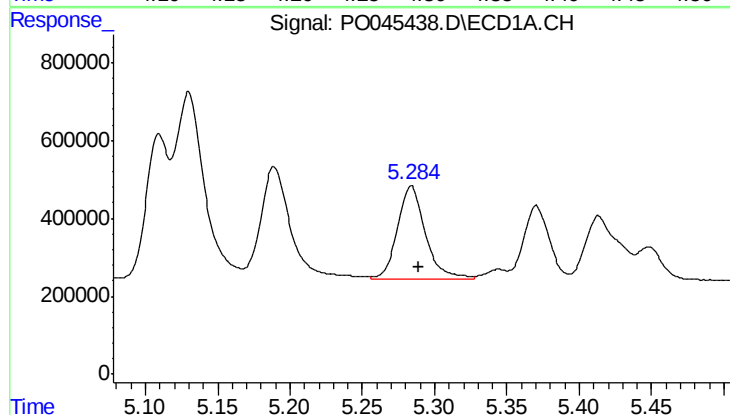
R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 6696572
Conc: 737.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



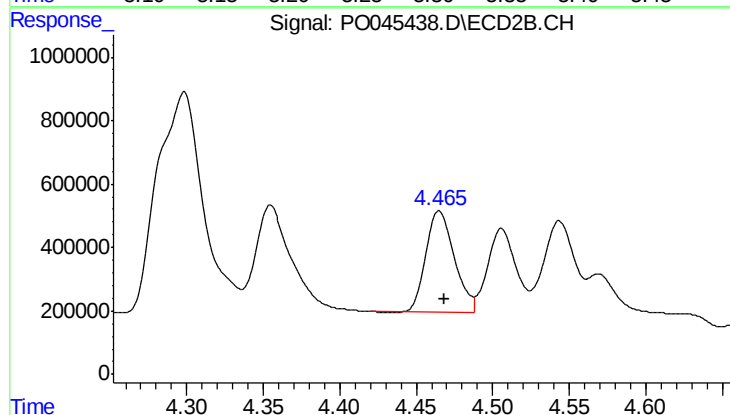
#17 AR-1242-2

R.T.: 4.298 min
Delta R.T.: -0.003 min
Response: 14352769
Conc: 701.45 ng/ml



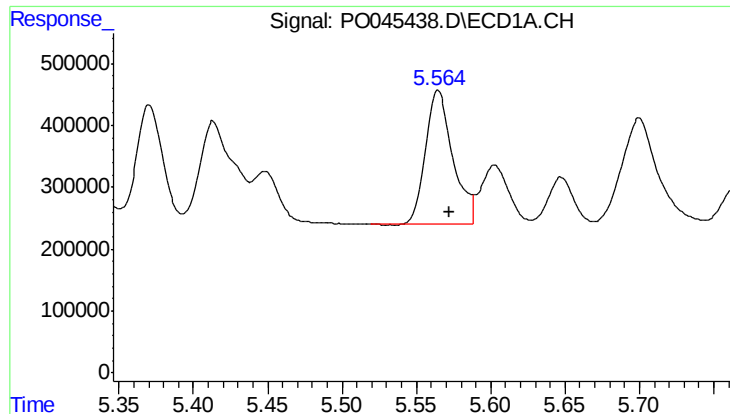
#18 AR-1242-3

R.T.: 5.284 min
Delta R.T.: -0.005 min
Response: 3249837
Conc: 730.64 ng/ml



#18 AR-1242-3

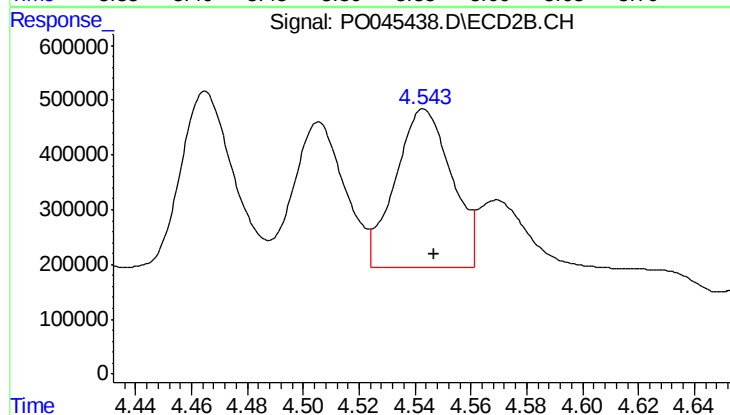
R.T.: 4.465 min
Delta R.T.: -0.004 min
Response: 4105937
Conc: 668.06 ng/ml



#19 AR-1242-4

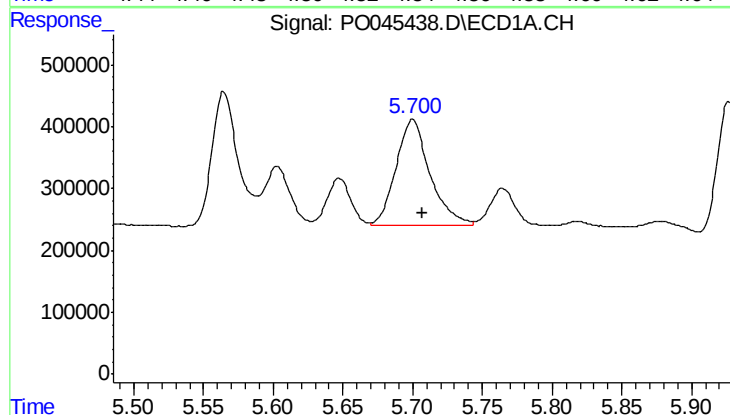
R.T.: 5.564 min
Delta R.T.: -0.008 min
Response: 2799938
Conc: 645.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



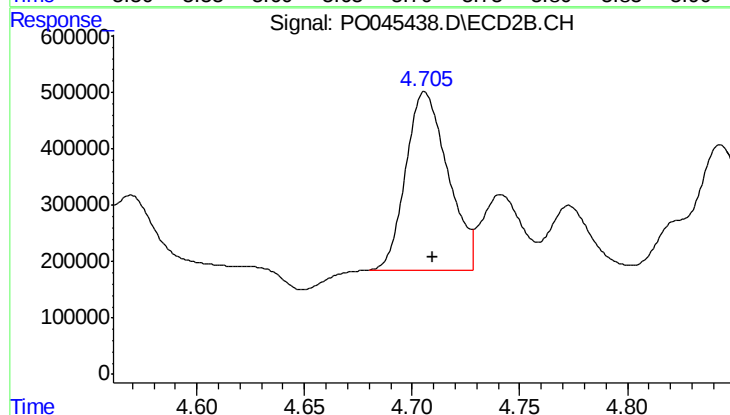
#19 AR-1242-4

R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 4037090
Conc: 674.85 ng/ml



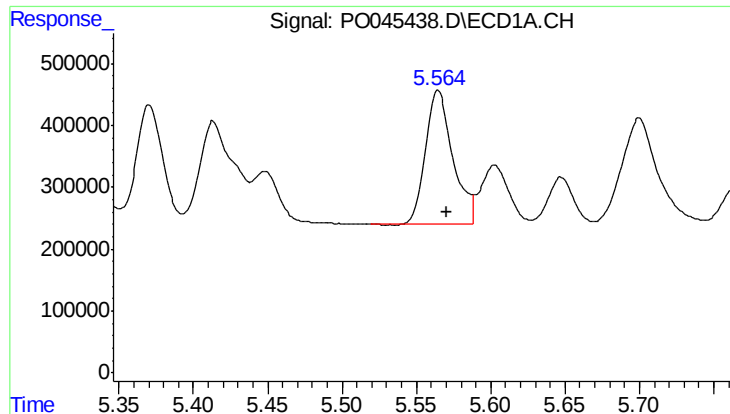
#20 AR-1242-5

R.T.: 5.700 min
Delta R.T.: -0.007 min
Response: 2928206
Conc: 604.51 ng/ml



#20 AR-1242-5

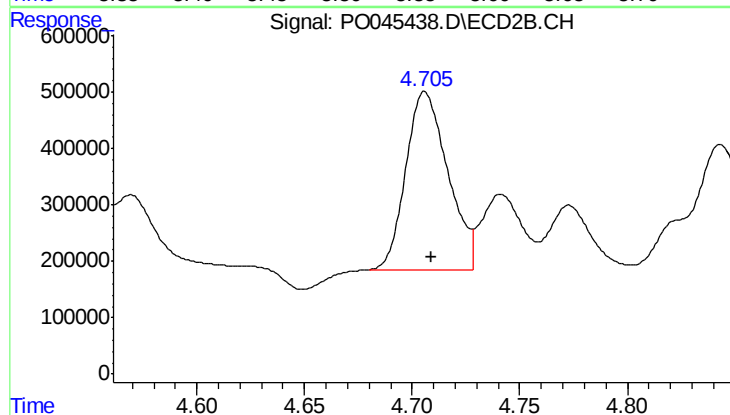
R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 4292827
Conc: 657.91 ng/ml



#21 AR-1248-1

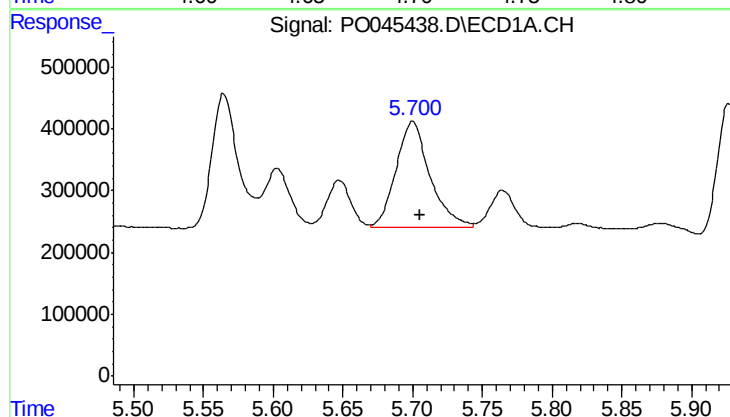
R.T.: 5.564 min
Delta R.T.: -0.006 min
Response: 2799938
Conc: 394.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



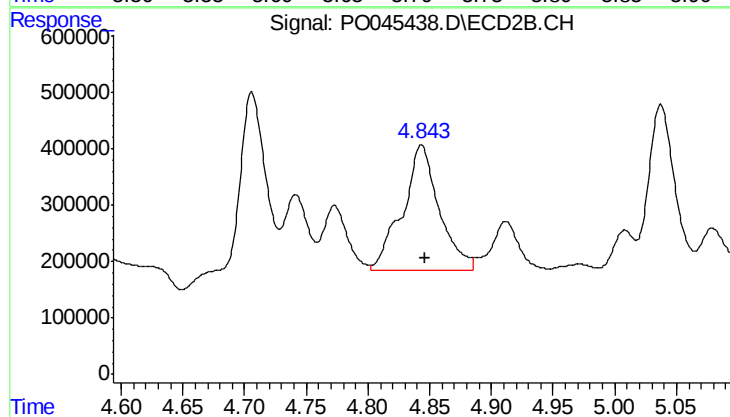
#21 AR-1248-1

R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 4292827
Conc: 404.46 ng/ml



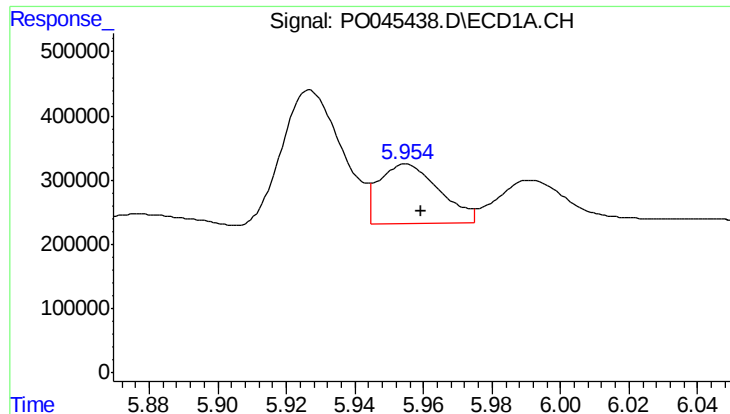
#22 AR-1248-2

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 2928206
Conc: 470.32 ng/ml



#22 AR-1248-2

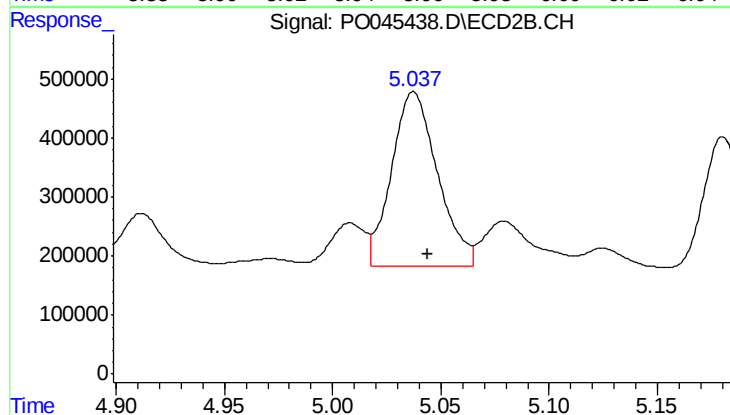
R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 4650083
Conc: 451.91 ng/ml



#23 AR-1248-3

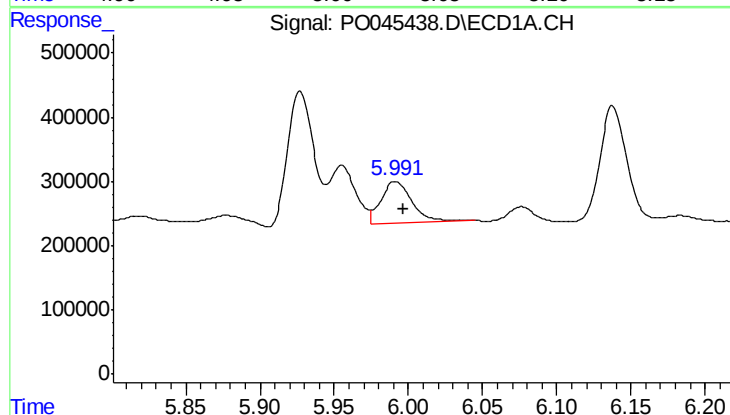
R.T.: 5.955 min
Delta R.T.: -0.005 min
Response: 1120426
Conc: 129.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



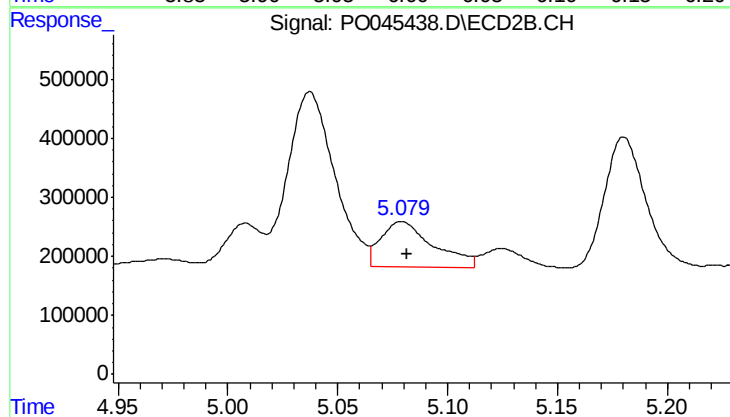
#23 AR-1248-3

R.T.: 5.037 min
Delta R.T.: -0.006 min
Response: 4398454
Conc: 273.53 ng/ml



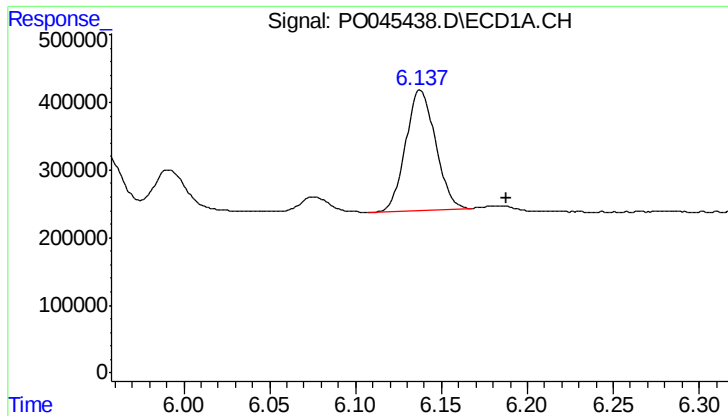
#24 AR-1248-4

R.T.: 5.991 min
Delta R.T.: -0.005 min
Response: 940586
Conc: 106.25 ng/ml



#24 AR-1248-4

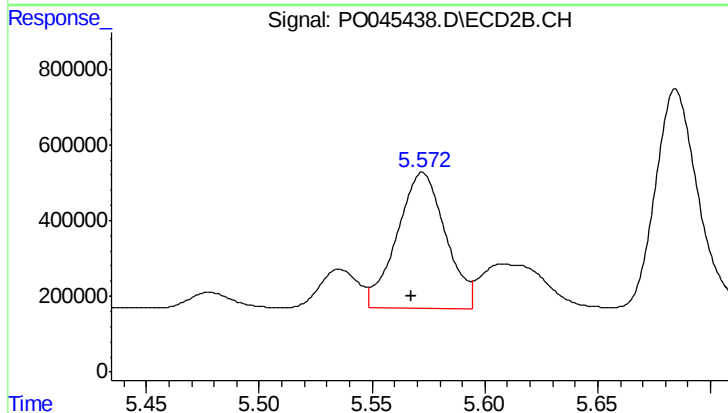
R.T.: 5.079 min
Delta R.T.: -0.002 min
Response: 1273027
Conc: 95.01 ng/ml



#25 AR-1248-5

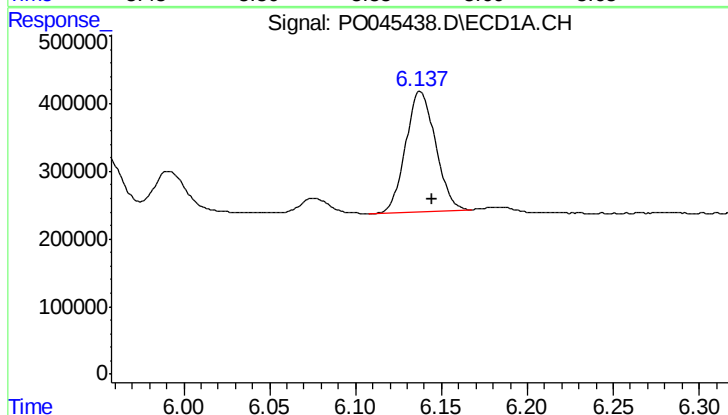
R.T.: 6.138 min
Delta R.T.: -0.050 min
Response: 2141419
Conc: 383.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



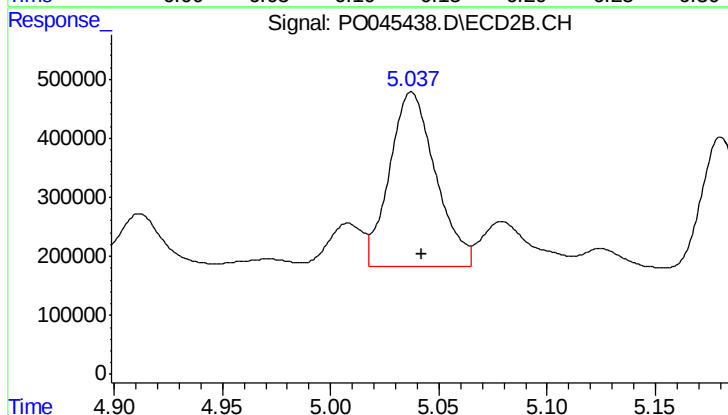
#25 AR-1248-5

R.T.: 5.572 min
Delta R.T.: 0.005 min
Response: 5345651
Conc: 742.99 ng/ml



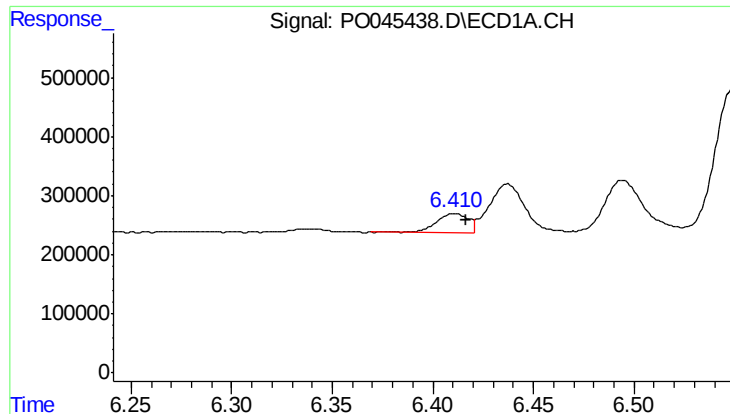
#26 AR-1254-1

R.T.: 6.138 min
Delta R.T.: -0.007 min
Response: 2141419
Conc: 154.84 ng/ml



#26 AR-1254-1

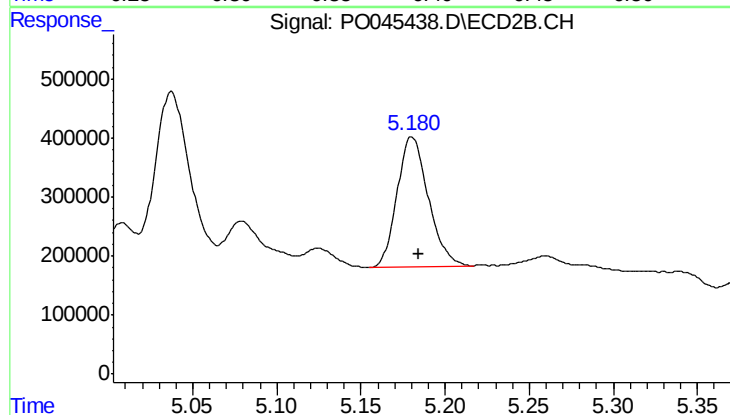
R.T.: 5.037 min
Delta R.T.: -0.005 min
Response: 4398454
Conc: 237.36 ng/ml



#27 AR-1254-2

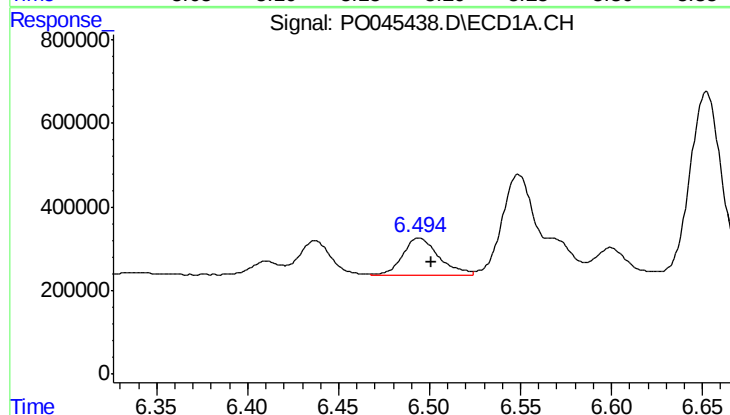
R.T.: 6.411 min
Delta R.T.: -0.006 min
Response: 352748
Conc: 36.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



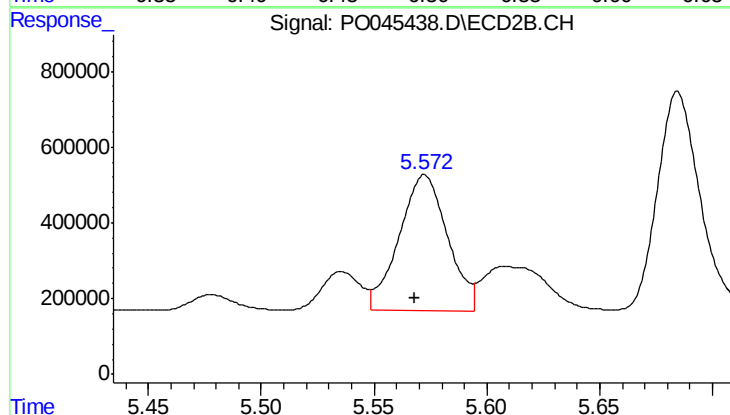
#27 AR-1254-2

R.T.: 5.180 min
Delta R.T.: -0.004 min
Response: 2835570
Conc: 175.88 ng/ml



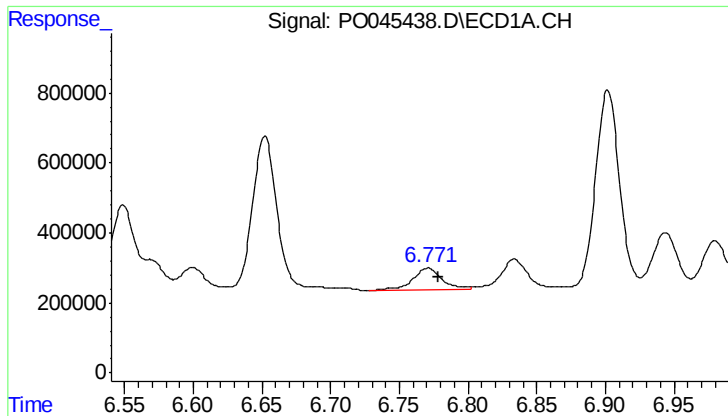
#28 AR-1254-3

R.T.: 6.494 min
Delta R.T.: -0.007 min
Response: 1242900
Conc: 78.88 ng/ml



#28 AR-1254-3

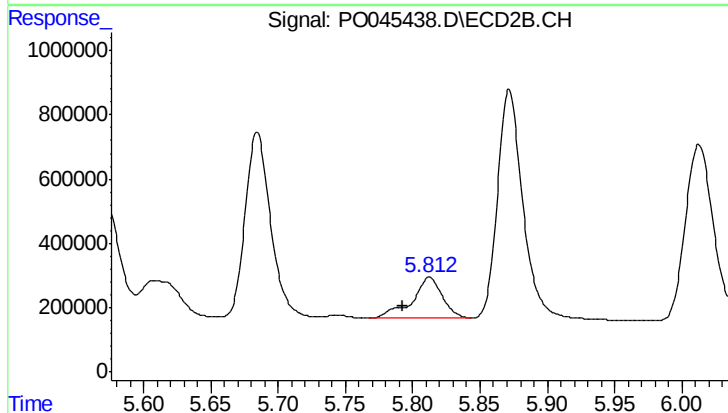
R.T.: 5.572 min
Delta R.T.: 0.004 min
Response: 5345651
Conc: 207.44 ng/ml



#29 AR-1254-4

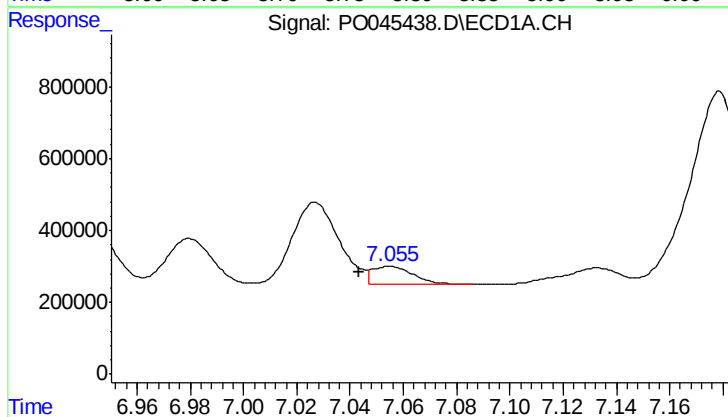
R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 975319
Conc: 74.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



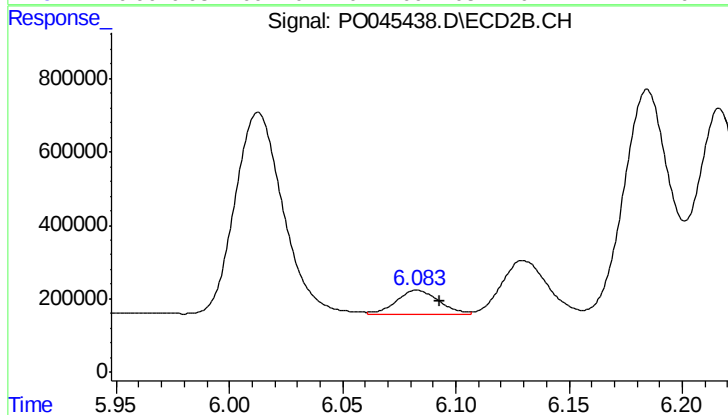
#29 AR-1254-4

R.T.: 5.812 min
Delta R.T.: 0.020 min
Response: 2018074
Conc: 101.34 ng/ml



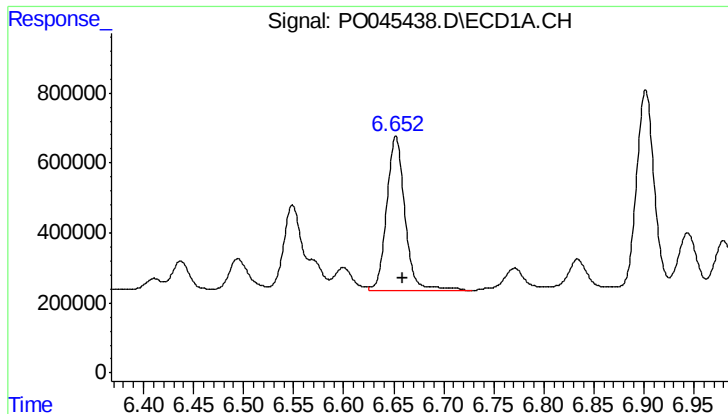
#30 AR-1254-5

R.T.: 7.055 min
Delta R.T.: 0.012 min
Response: 530445
Conc: 55.46 ng/ml



#30 AR-1254-5

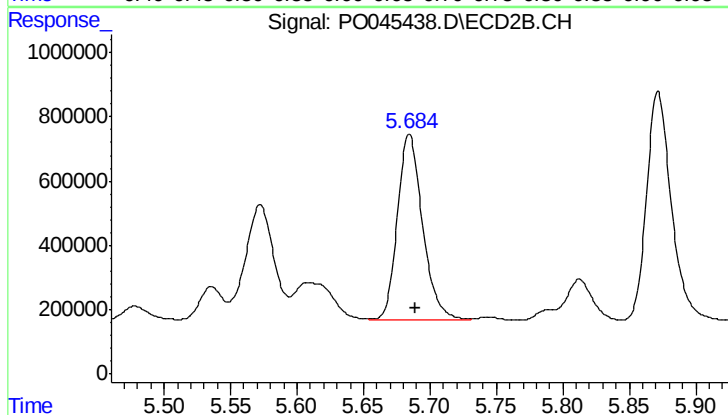
R.T.: 6.083 min
Delta R.T.: -0.010 min
Response: 858364
Conc: 71.66 ng/ml



#31 AR-1260-1

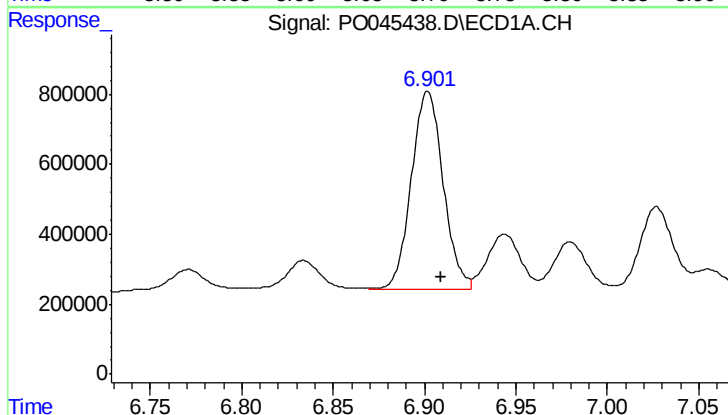
R.T.: 6.652 min
Delta R.T.: -0.007 min
Response: 5662232
Conc: 488.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



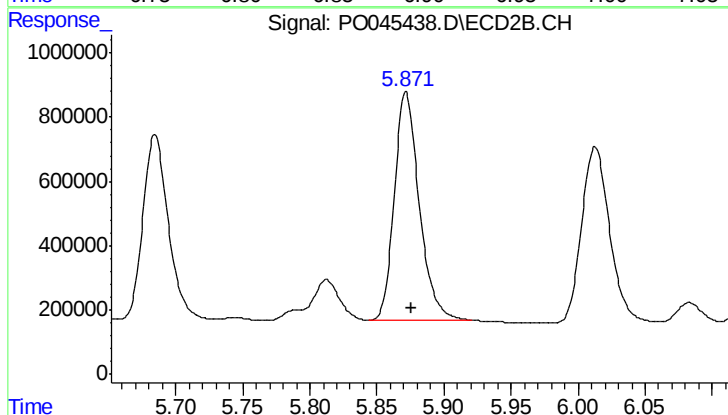
#31 AR-1260-1

R.T.: 5.685 min
Delta R.T.: -0.005 min
Response: 7668603
Conc: 468.51 ng/ml



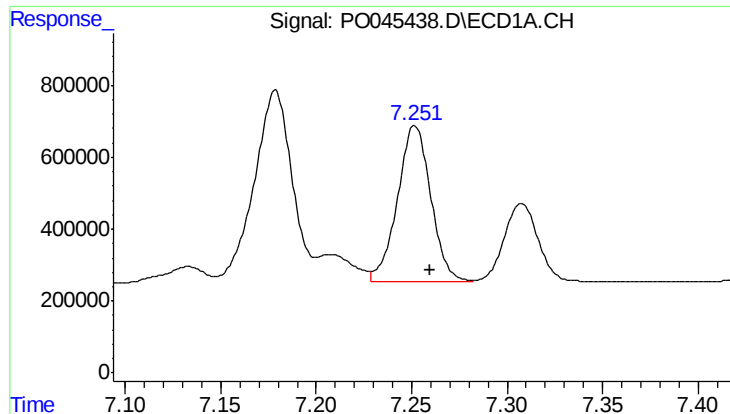
#32 AR-1260-2

R.T.: 6.902 min
Delta R.T.: -0.007 min
Response: 6863952
Conc: 451.08 ng/ml



#32 AR-1260-2

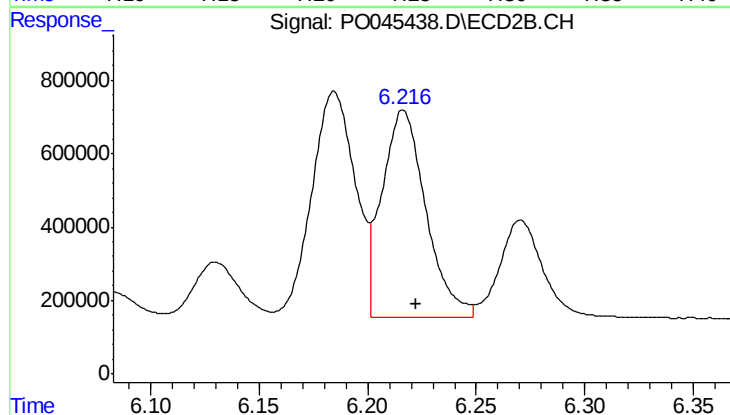
R.T.: 5.872 min
Delta R.T.: -0.005 min
Response: 9163870
Conc: 433.74 ng/ml



#33 AR-1260-3

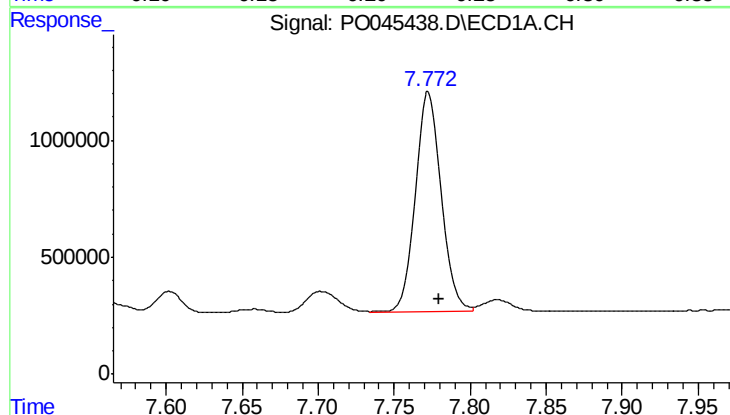
R.T.: 7.252 min
Delta R.T.: -0.008 min
Response: 5331704
Conc: 419.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



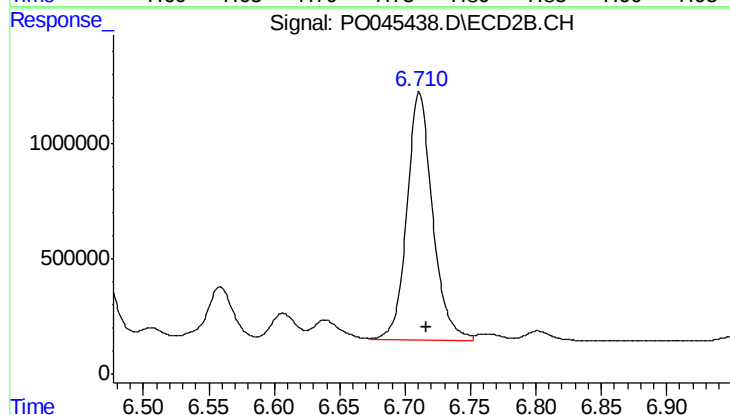
#33 AR-1260-3

R.T.: 6.216 min
Delta R.T.: -0.006 min
Response: 7935767
Conc: 419.27 ng/ml



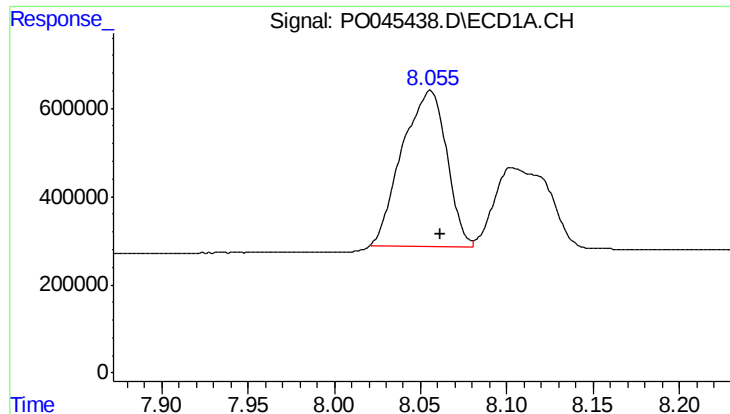
#34 AR-1260-4

R.T.: 7.772 min
Delta R.T.: -0.007 min
Response: 11424730
Conc: 402.16 ng/ml



#34 AR-1260-4

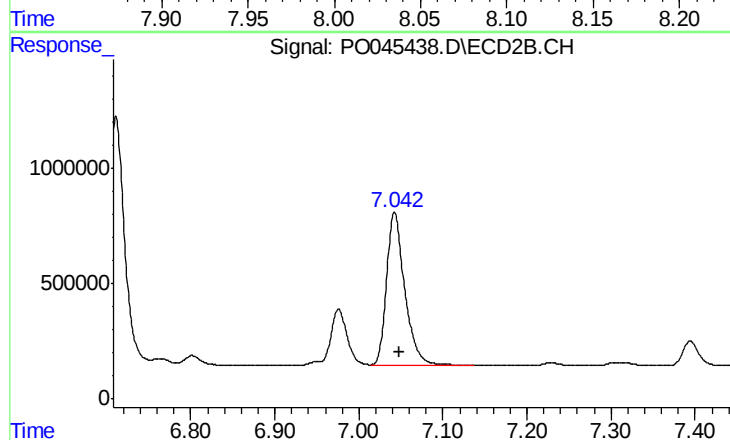
R.T.: 6.711 min
Delta R.T.: -0.005 min
Response: 14704660
Conc: 373.49 ng/ml



#35 AR-1260-5

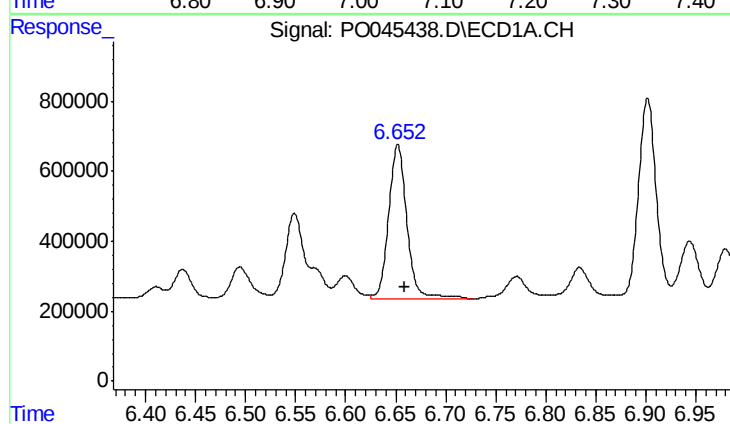
R.T.: 8.056 min
Delta R.T.: -0.006 min
Response: 6375880
Conc: 381.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



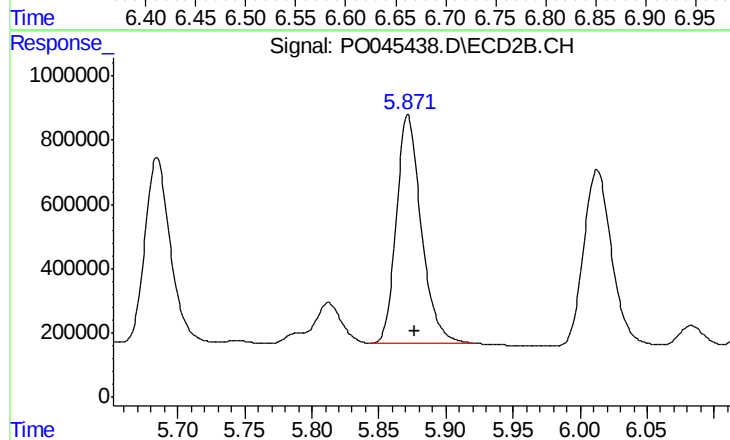
#35 AR-1260-5

R.T.: 7.042 min
Delta R.T.: -0.005 min
Response: 9948458
Conc: 361.45 ng/ml



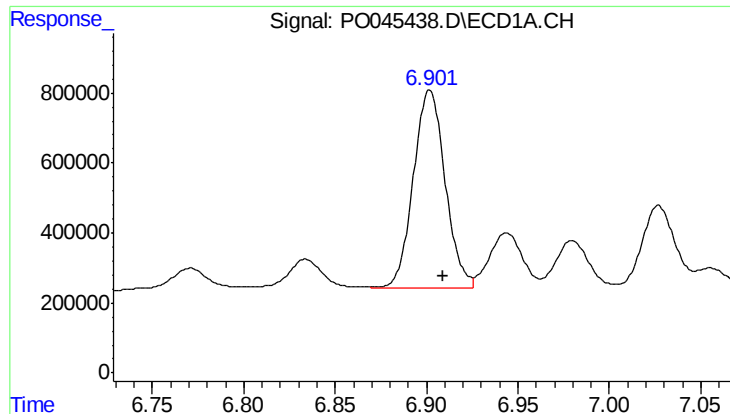
#36 AR-1262-1

R.T.: 6.652 min
Delta R.T.: -0.007 min
Response: 5662232
Conc: 520.10 ng/ml



#36 AR-1262-1

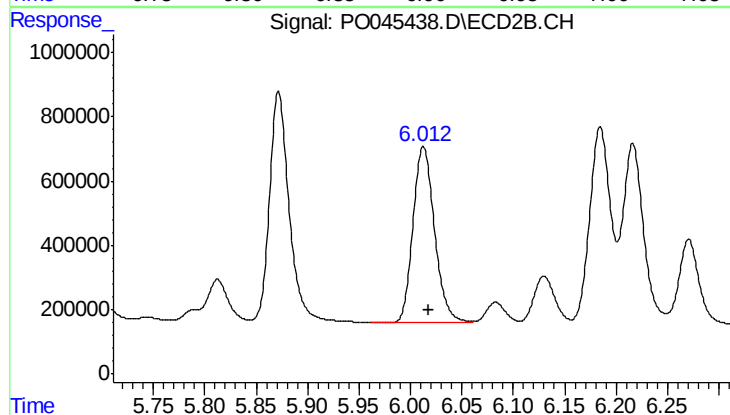
R.T.: 5.872 min
Delta R.T.: -0.006 min
Response: 9163870
Conc: 484.11 ng/ml



#37 AR-1262-2

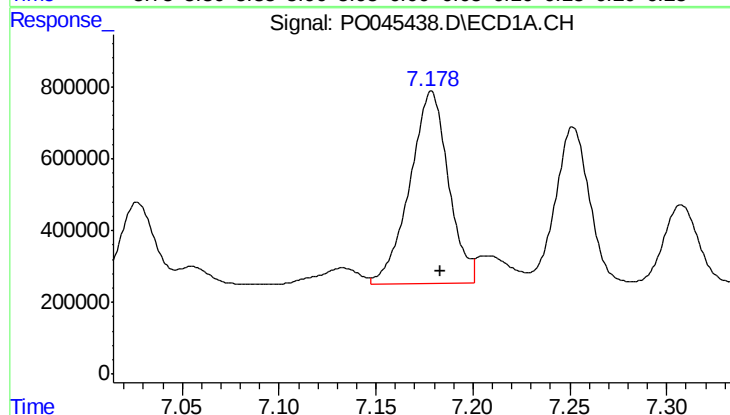
R.T.: 6.902 min
Delta R.T.: -0.007 min
Response: 6863952
Conc: 499.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



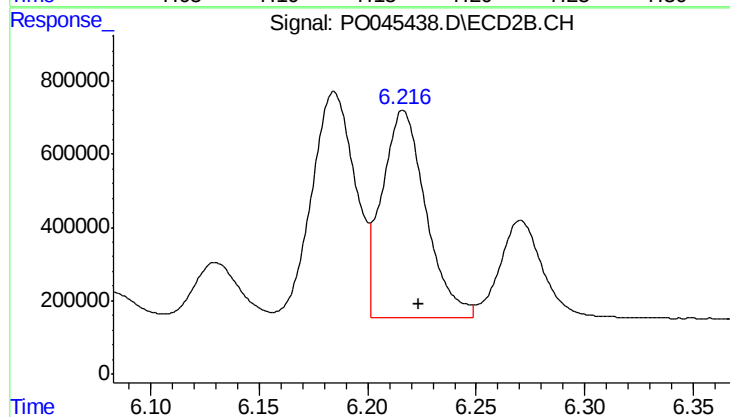
#37 AR-1262-2

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 8043326
Conc: 438.30 ng/ml



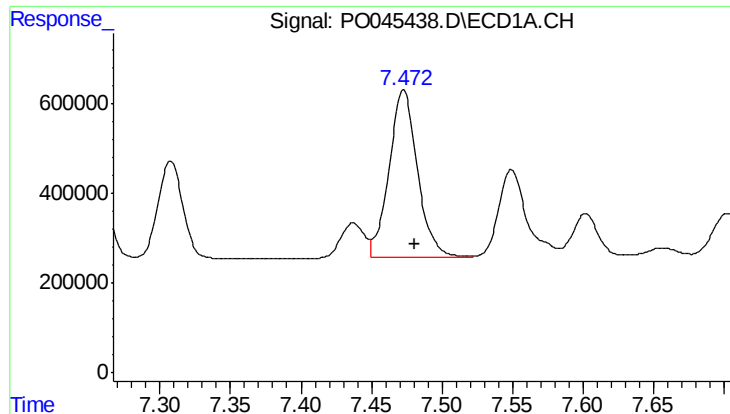
#38 AR-1262-3

R.T.: 7.179 min
Delta R.T.: -0.005 min
Response: 7439982
Conc: 583.85 ng/ml



#38 AR-1262-3

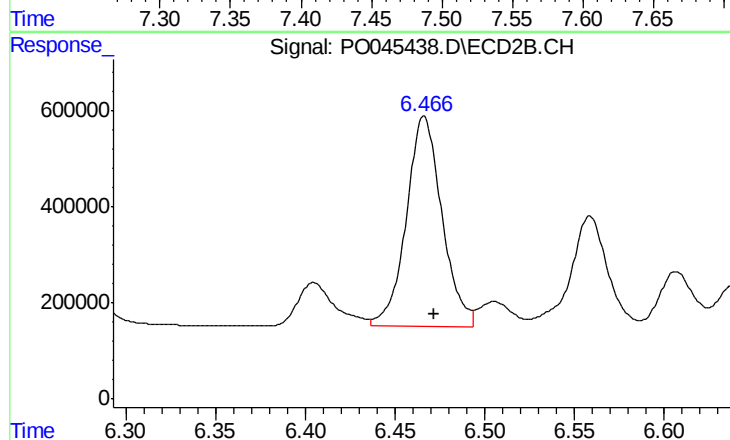
R.T.: 6.216 min
Delta R.T.: -0.007 min
Response: 7935767
Conc: 258.80 ng/ml



#39 AR-1262-4

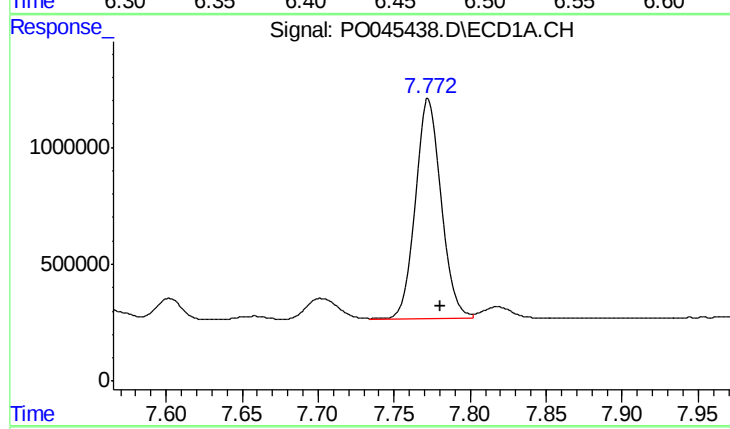
R.T.: 7.473 min
Delta R.T.: -0.008 min
Response: 5242110
Conc: 305.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



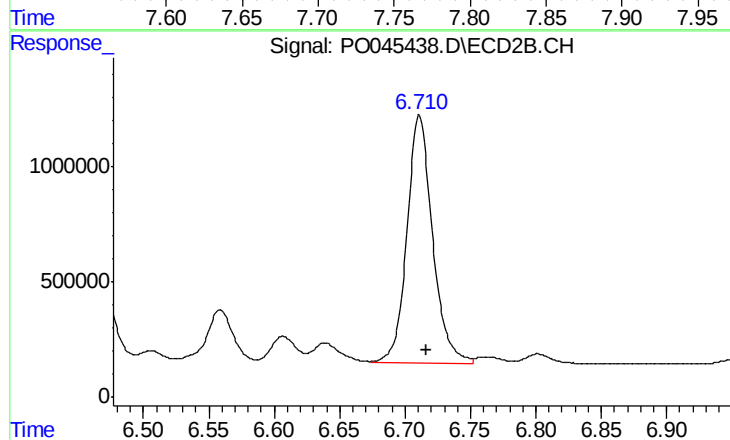
#39 AR-1262-4

R.T.: 6.466 min
Delta R.T.: -0.006 min
Response: 6060525
Conc: 240.52 ng/ml



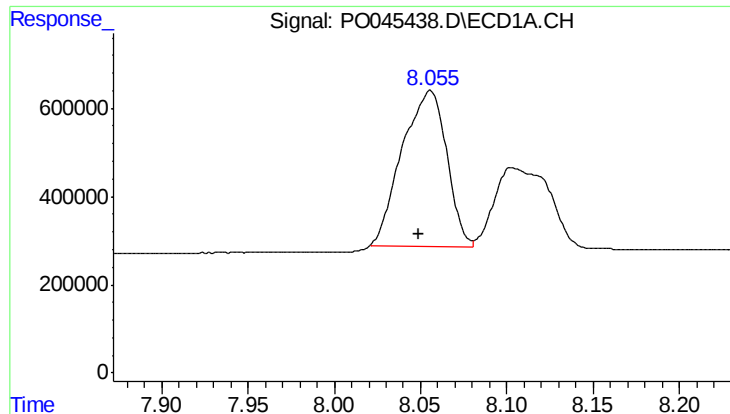
#40 AR-1262-5

R.T.: 7.772 min
Delta R.T.: -0.008 min
Response: 11424730
Conc: 309.16 ng/ml



#40 AR-1262-5

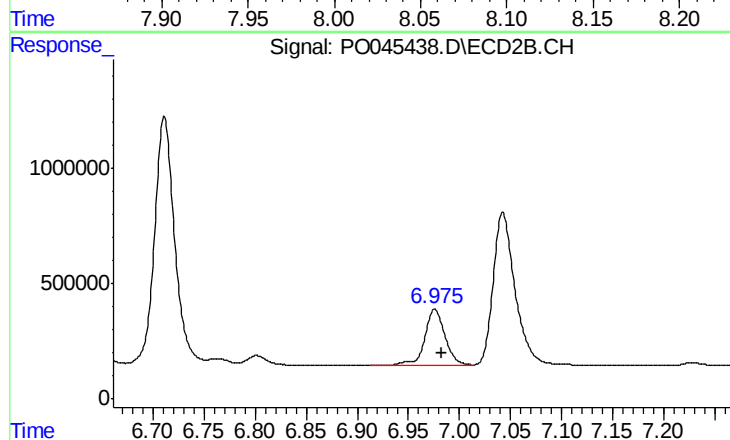
R.T.: 6.711 min
Delta R.T.: -0.006 min
Response: 14704660
Conc: 269.86 ng/ml



#41 AR-1268-1

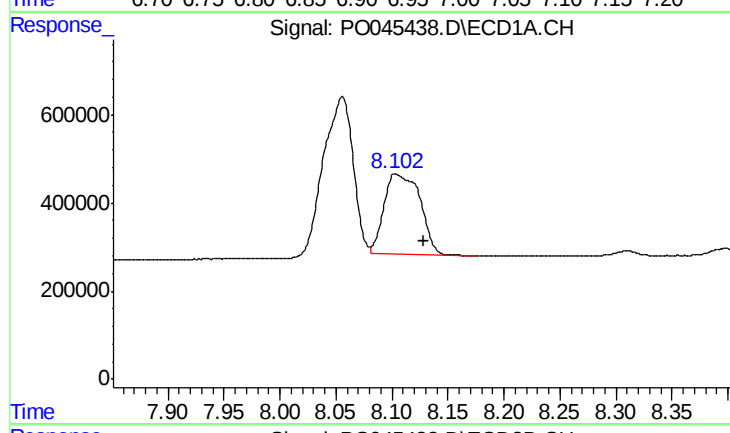
R.T.: 8.056 min
Delta R.T.: 0.007 min
Response: 6375880
Conc: 167.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



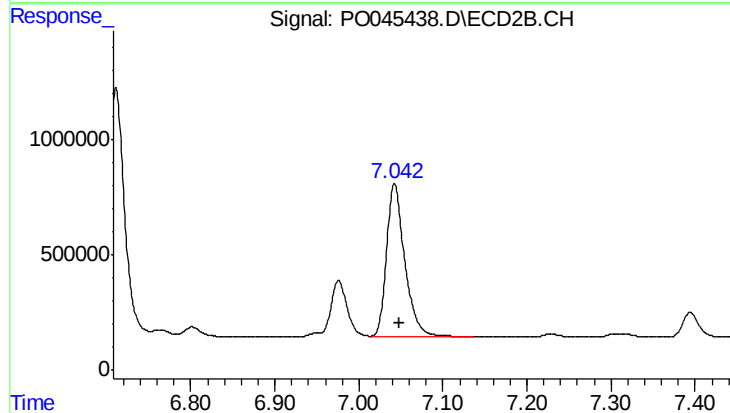
#41 AR-1268-1

R.T.: 6.976 min
Delta R.T.: -0.006 min
Response: 3371258
Conc: 61.10 ng/ml



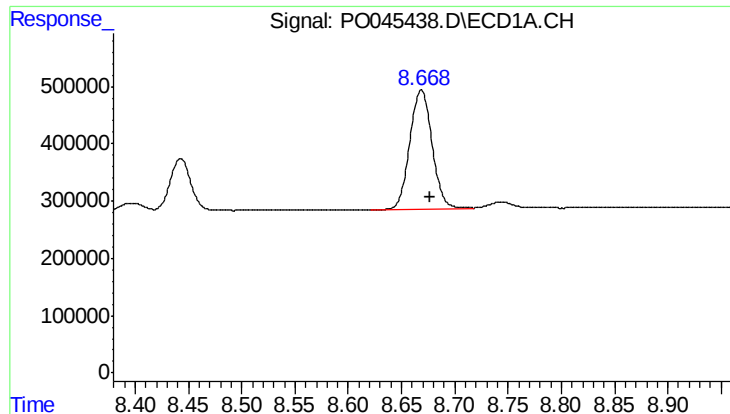
#42 AR-1268-2

R.T.: 8.103 min
Delta R.T.: -0.025 min
Response: 4053450
Conc: 118.97 ng/ml



#42 AR-1268-2

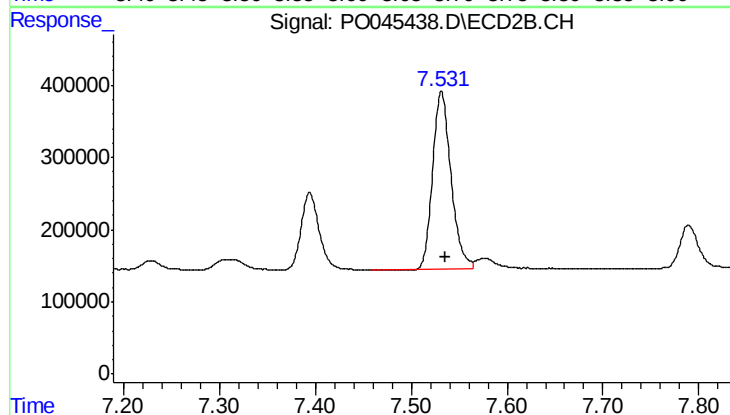
R.T.: 7.042 min
Delta R.T.: -0.007 min
Response: 9948458
Conc: 194.83 ng/ml



#44 AR-1268-4

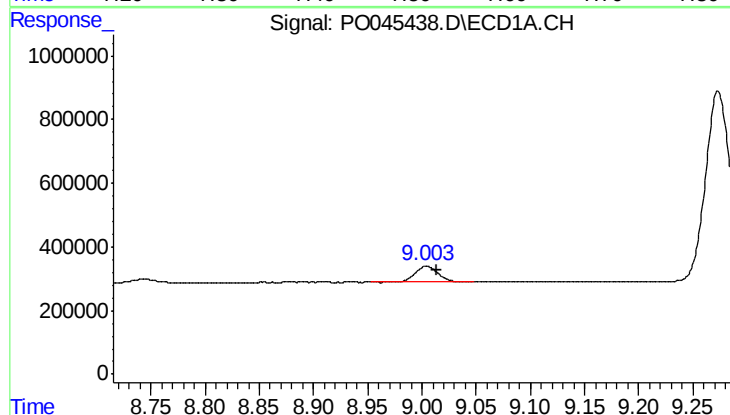
R.T.: 8.669 min
Delta R.T.: -0.008 min
Response: 3008327
Conc: 246.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



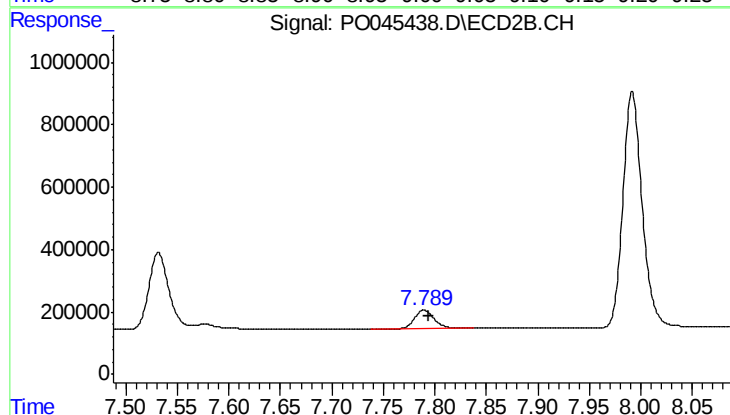
#44 AR-1268-4

R.T.: 7.531 min
Delta R.T.: -0.005 min
Response: 3287267
Conc: 188.88 ng/ml



#45 AR-1268-5

R.T.: 9.004 min
Delta R.T.: -0.010 min
Response: 737585
Conc: 8.62 ng/ml



#45 AR-1268-5

R.T.: 7.789 min
Delta R.T.: -0.006 min
Response: 788252
Conc: 6.30 ng/ml