

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041919\
 Data File : P0055472.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Apr 2019 17:51
 Operator : SM/SJ
 Sample : K2484-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 200027MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 22:53:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 17:22:26 2019
 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...	4.291	3.602	553783	560440	15.957	17.562
2)	SA Decachlor...	9.907	8.566	469136	351308	9.516	11.031
Target Compounds							
3)	L1 AR-1016-1	5.476	4.697	378700	348451	210.456	220.344
4)	L1 AR-1016-2	5.476	4.726	378700	20561	152.476	9.596 #
5)	L1 AR-1016-3	5.537	4.912	235852	145226	149.914	120.198
6)	L1 AR-1016-4	5.636	4.953	193189	183616	148.256	181.701
7)	L1 AR-1016-5	5.928	5.164	200743	25368	150.453	19.463 #
8)	L2 AR-1221-1	4.497	3.811	21411	18189	49.045	46.783
9)	L2 AR-1221-2	4.587	3.899	32271	31747	95.162	105.898
10)	L2 AR-1221-3	4.663	4.017	126514	63454	121.791	68.839 #
11)	L3 AR-1232-1	4.663	4.017	126514	63454	146.944	84.618 #
12)	L3 AR-1232-2	5.188	4.726	184949	20561	378.112	23.878 #
13)	L3 AR-1232-3	5.476	4.912	378700	145226	387.495	299.704
14)	L3 AR-1232-4	5.636	4.984	193189	60457	377.431	137.589 #
15)	L3 AR-1232-5	5.725	5.164	177440	25368	426.541	52.158 #
16)	L4 AR-1242-1	5.454	4.697	271247	348451	195.242	283.822 #
17)	L4 AR-1242-2	5.476	4.726	378700	20561	197.913	12.407 #
18)	L4 AR-1242-3	5.537	4.912	235852	145226	190.287	153.300
19)	L4 AR-1242-4	5.636	4.984	193189	60457	189.485	63.255 #
20)	L4 AR-1242-5	6.368	5.515	29892	27513	24.762	22.370
21)	L5 AR-1248-1	5.476	4.697	378700	348451	378.823	396.970
22)	L5 AR-1248-2	5.725	4.953	177440	183616	122.178	151.931
23)	L5 AR-1248-3	5.928	4.984	200743	60457	125.687	48.451 #
24)	L5 AR-1248-4	6.330	5.164	37722	25368	20.080	16.657
25)	L5 AR-1248-5	6.368	5.563	29892	29390	16.673	19.713
26)	L6 AR-1254-1	6.303	5.515	160926	27513	88.753	12.589 #
27)	L6 AR-1254-2	6.520	5.619	182342	172200	63.873	88.811 #
28)	L6 AR-1254-3	6.886	6.035	108858	317008	34.616	98.889 #
29)	L6 AR-1254-4	7.170	6.277	71802	112740	29.350	57.581 #
30)	L6 AR-1254-5	7.587	6.700	578994	369366	216.018	128.488 #
31)	L7 AR-1260-1	7.049	6.150	413316	419263	164.494	182.441
32)	L7 AR-1260-2	7.305	6.374	497934	12298	160.441	4.467 #
33)	L7 AR-1260-3	7.662	6.490	298967	466256	121.811	180.866 #
34)	L7 AR-1260-4	7.886	6.999	378775	47409	136.939	22.277 #
35)	L7 AR-1260-5	8.197	7.254	621992	14580	112.099	3.044 #
36)	L8 AR-1262-1	7.662	6.753	298967	196167	89.724	65.939 #
37)	L8 AR-1262-2	8.197	7.254	621992	14580	104.988	2.975 #
38)	L8 AR-1262-3	8.508	7.481	396273	136745	95.653	66.592 #
39)	L8 AR-1262-4	8.561	7.544	204404	462528	63.441	127.695 #
40)	L8 AR-1262-5	9.202	8.080	136349	9277	62.366	5.749 #
41)	L9 AR-1268-1	8.508	7.481	396273	136745	55.676	24.185 #

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 ALS Vial : 5 Sample Multiplier: 1

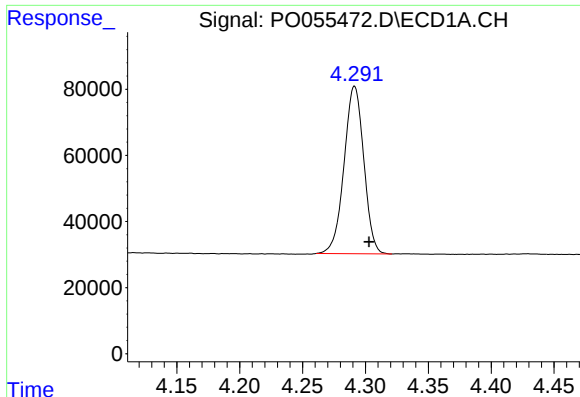
Instrument :
 ECD_O
 ClientSampleId :
 200027MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 22:53:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.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	8.561	7.544	204404	462528	31.197	89.436 #
43) L9	AR-1268-3	8.793	7.797	13033	12290	2.392	2.856
44) L9	AR-1268-4	9.202	8.080	136349	9277	57.151	5.004 #
45) L9	AR-1268-5	9.590	0.000	44666	0	2.711	N.D. #

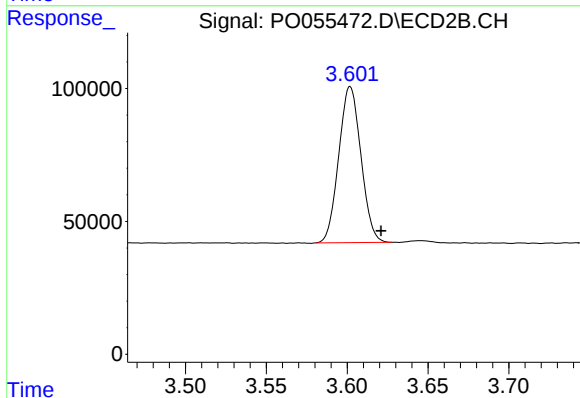
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

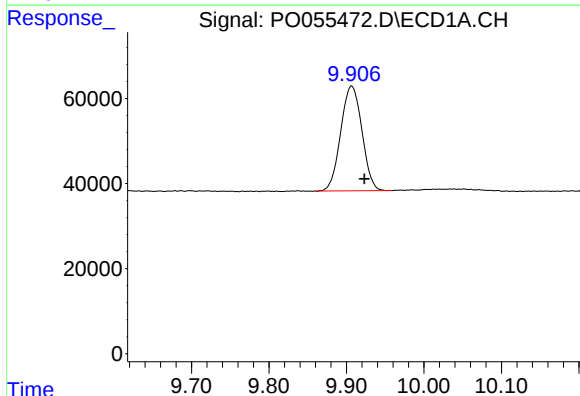
R.T.: 4.291 min
Delta R.T.: -0.012 min
Response: 553783
Conc: 15.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



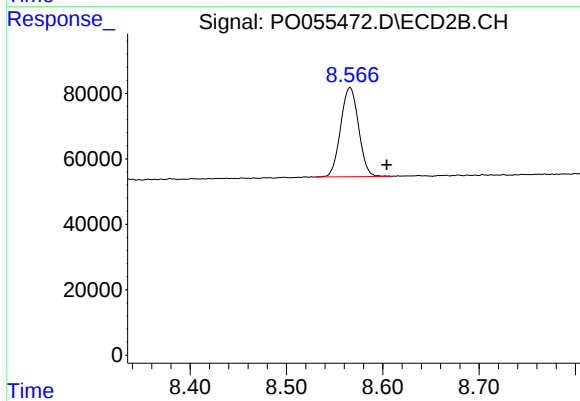
#1 Tetrachloro-m-xylene

R.T.: 3.602 min
Delta R.T.: -0.019 min
Response: 560440
Conc: 17.56 ng/ml



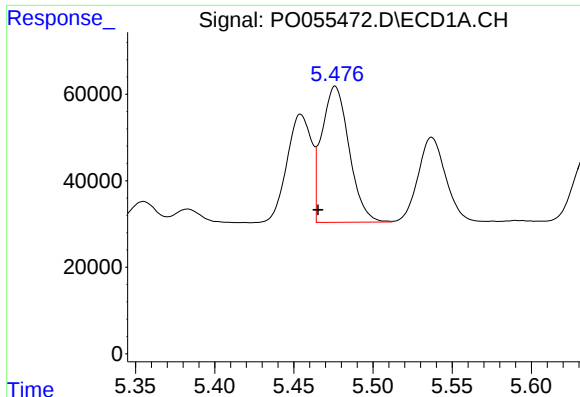
#2 Decachlorobiphenyl

R.T.: 9.907 min
Delta R.T.: -0.017 min
Response: 469136
Conc: 9.52 ng/ml



#2 Decachlorobiphenyl

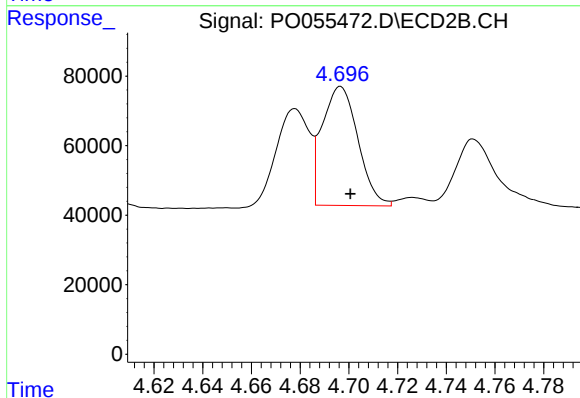
R.T.: 8.566 min
Delta R.T.: -0.038 min
Response: 351308
Conc: 11.03 ng/ml



#3 AR-1016-1

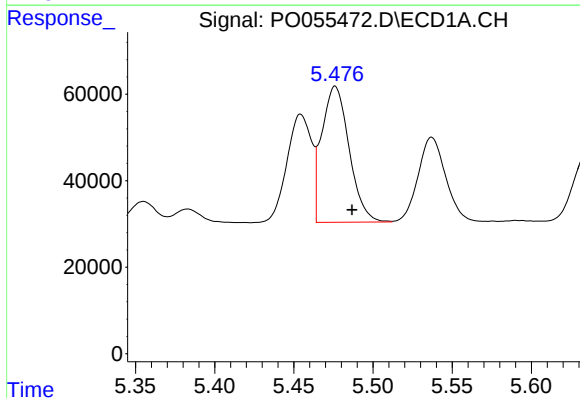
R.T.: 5.476 min
Delta R.T.: 0.011 min
Response: 378700
Conc: 210.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



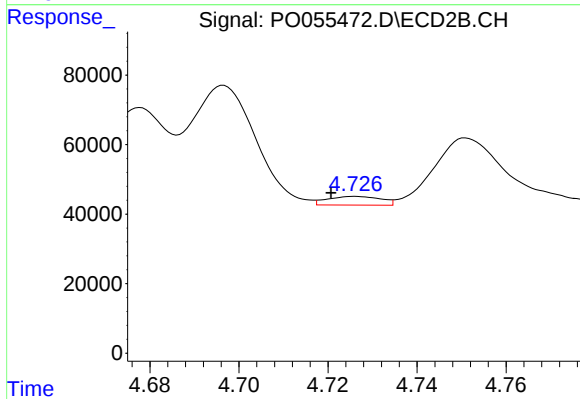
#3 AR-1016-1

R.T.: 4.697 min
Delta R.T.: -0.004 min
Response: 348451
Conc: 220.34 ng/ml



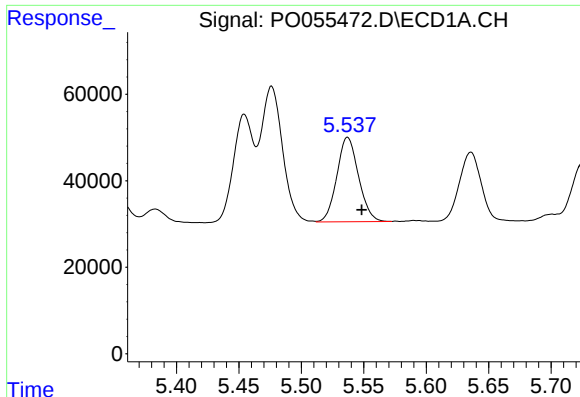
#4 AR-1016-2

R.T.: 5.476 min
Delta R.T.: -0.011 min
Response: 378700
Conc: 152.48 ng/ml



#4 AR-1016-2

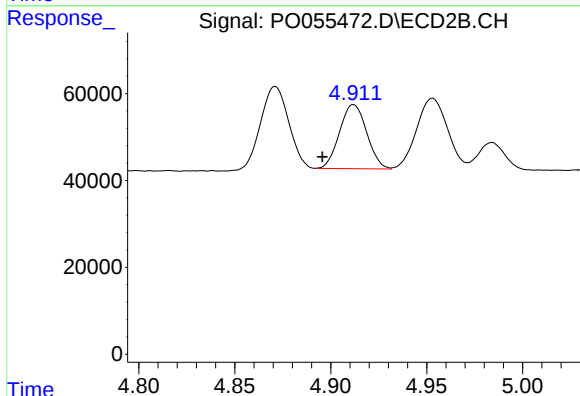
R.T.: 4.726 min
Delta R.T.: 0.005 min
Response: 20561
Conc: 9.60 ng/ml



#5 AR-1016-3

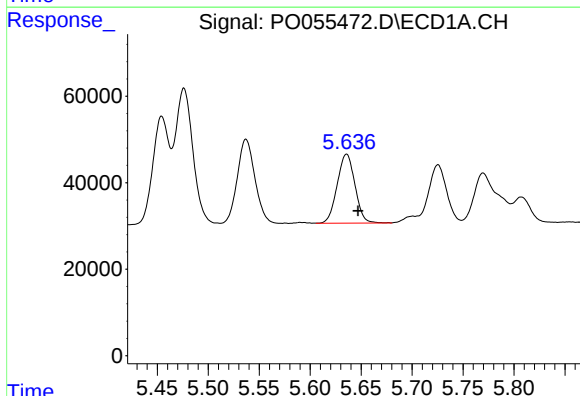
R.T.: 5.537 min
Delta R.T.: -0.011 min
Response: 235852
Conc: 149.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



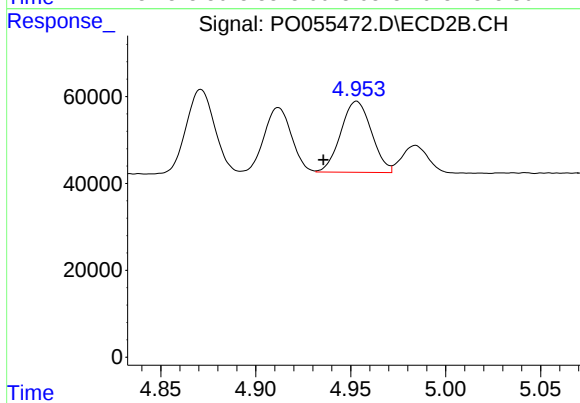
#5 AR-1016-3

R.T.: 4.912 min
Delta R.T.: 0.016 min
Response: 145226
Conc: 120.20 ng/ml



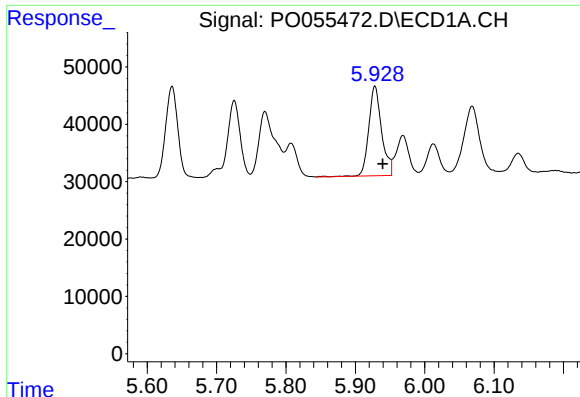
#6 AR-1016-4

R.T.: 5.636 min
Delta R.T.: -0.011 min
Response: 193189
Conc: 148.26 ng/ml



#6 AR-1016-4

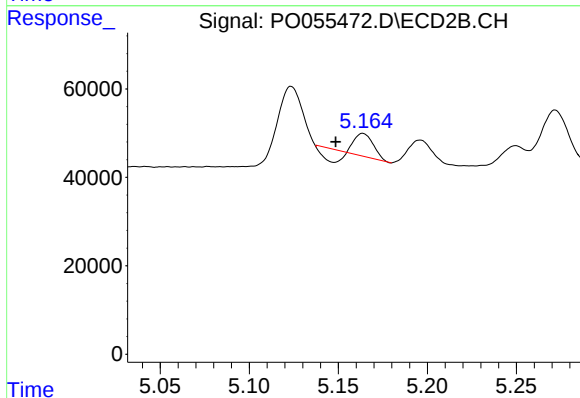
R.T.: 4.953 min
Delta R.T.: 0.018 min
Response: 183616
Conc: 181.70 ng/ml



#7 AR-1016-5

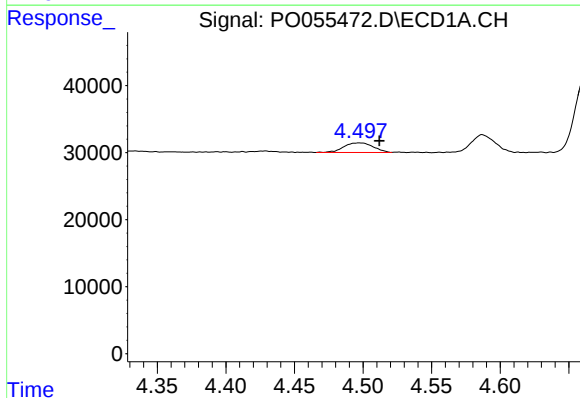
R.T.: 5.928 min
Delta R.T.: -0.011 min
Response: 200743
Conc: 150.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



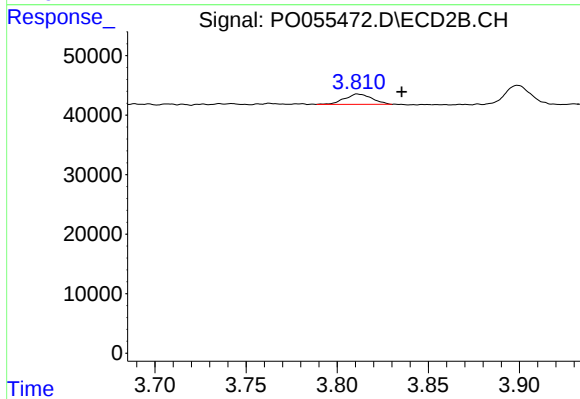
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: 0.015 min
Response: 25368
Conc: 19.46 ng/ml



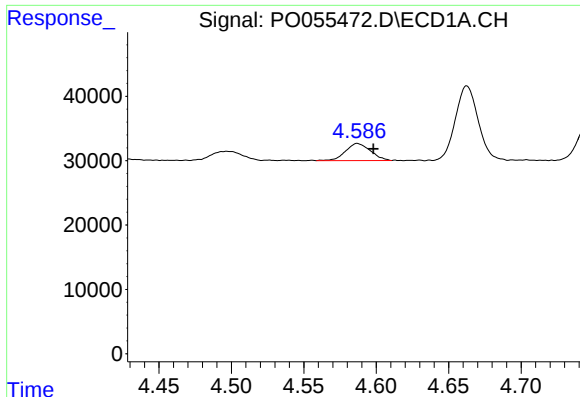
#8 AR-1221-1

R.T.: 4.497 min
Delta R.T.: -0.015 min
Response: 21411
Conc: 49.04 ng/ml



#8 AR-1221-1

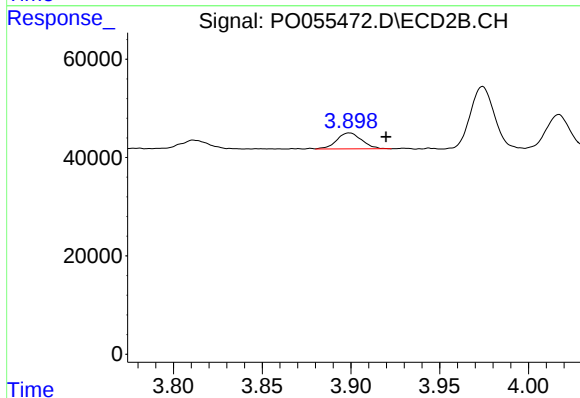
R.T.: 3.811 min
Delta R.T.: -0.025 min
Response: 18189
Conc: 46.78 ng/ml



#9 AR-1221-2

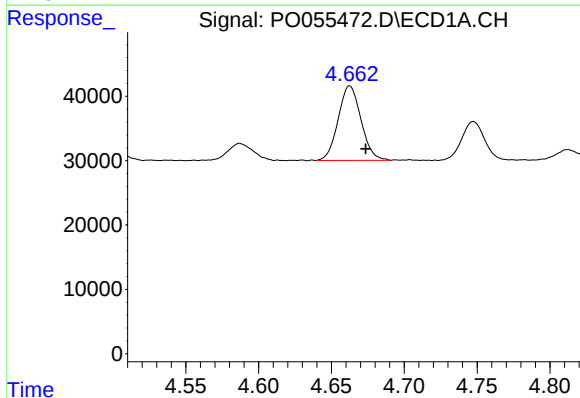
R.T.: 4.587 min
Delta R.T.: -0.011 min
Response: 32271
Conc: 95.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



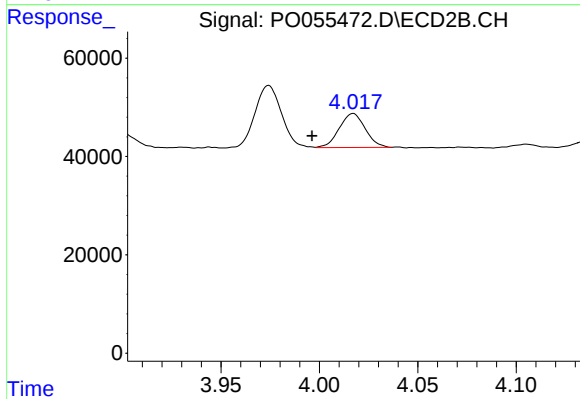
#9 AR-1221-2

R.T.: 3.899 min
Delta R.T.: -0.021 min
Response: 31747
Conc: 105.90 ng/ml



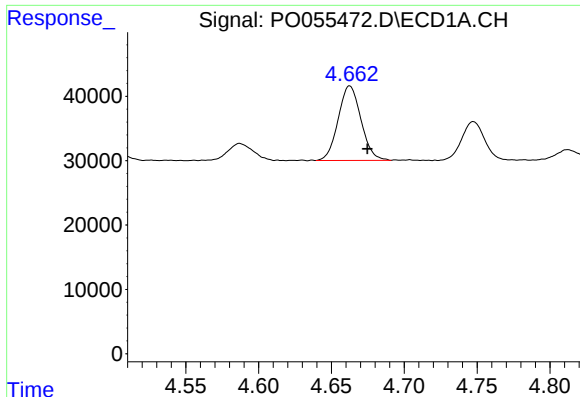
#10 AR-1221-3

R.T.: 4.663 min
Delta R.T.: -0.011 min
Response: 126514
Conc: 121.79 ng/ml



#10 AR-1221-3

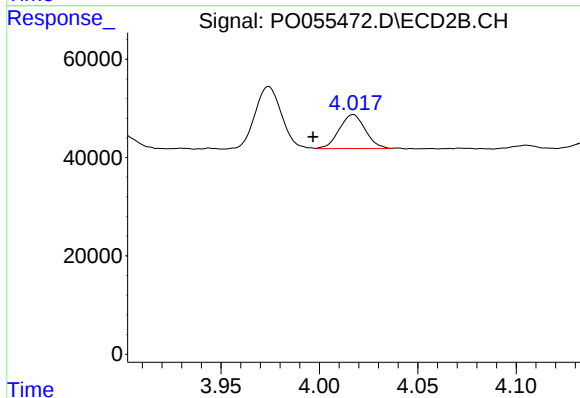
R.T.: 4.017 min
Delta R.T.: 0.021 min
Response: 63454
Conc: 68.84 ng/ml



#11 AR-1232-1

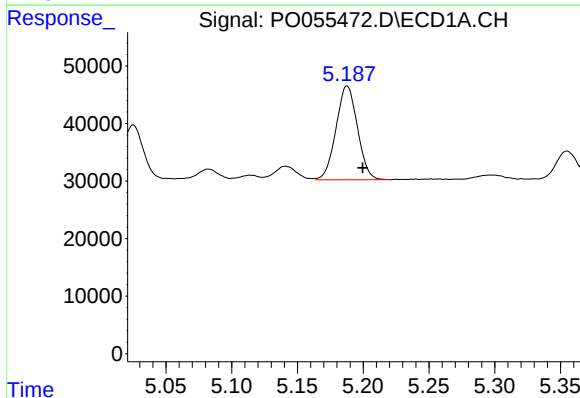
R.T.: 4.663 min
Delta R.T.: -0.012 min
Response: 126514
Conc: 146.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



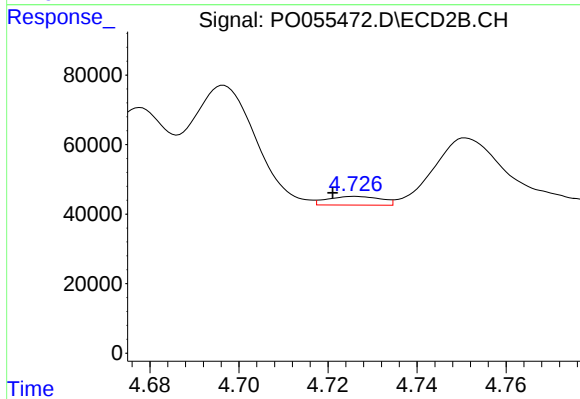
#11 AR-1232-1

R.T.: 4.017 min
Delta R.T.: 0.021 min
Response: 63454
Conc: 84.62 ng/ml



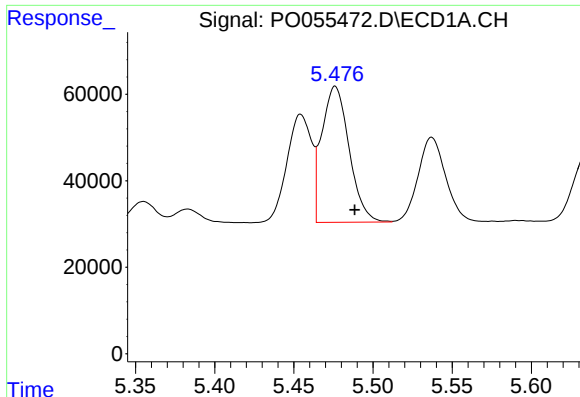
#12 AR-1232-2

R.T.: 5.188 min
Delta R.T.: -0.012 min
Response: 184949
Conc: 378.11 ng/ml



#12 AR-1232-2

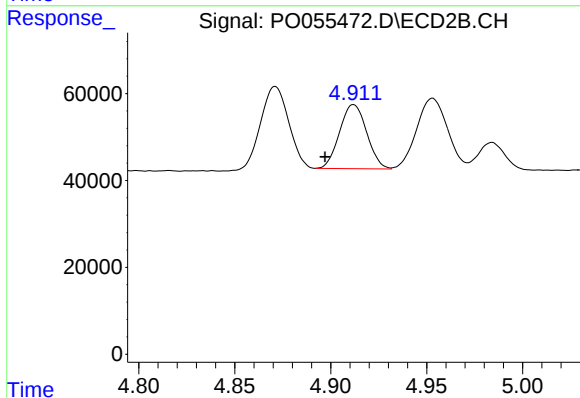
R.T.: 4.726 min
Delta R.T.: 0.005 min
Response: 20561
Conc: 23.88 ng/ml



#13 AR-1232-3

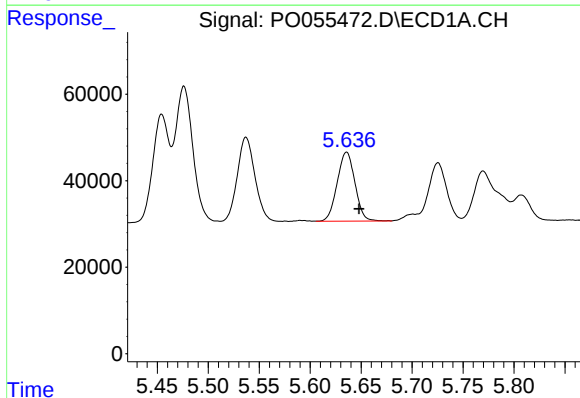
R.T.: 5.476 min
Delta R.T.: -0.012 min
Response: 378700
Conc: 387.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



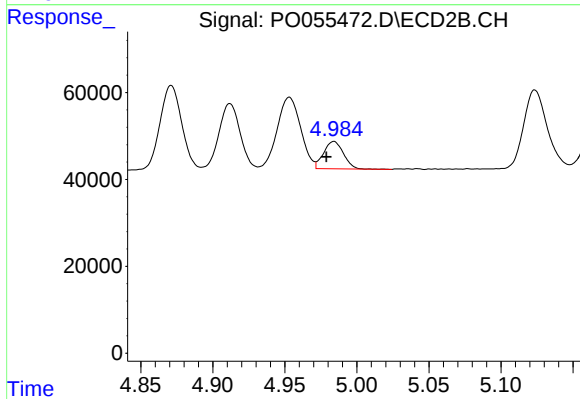
#13 AR-1232-3

R.T.: 4.912 min
Delta R.T.: 0.015 min
Response: 145226
Conc: 299.70 ng/ml



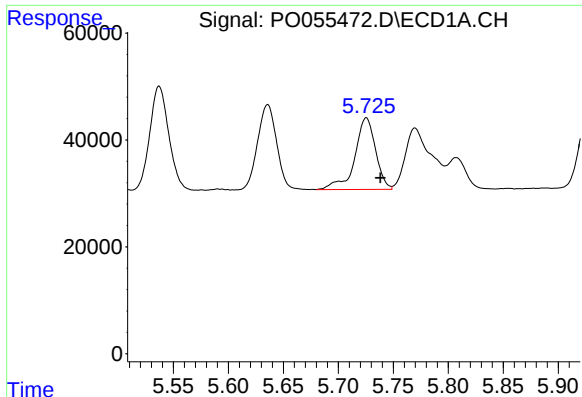
#14 AR-1232-4

R.T.: 5.636 min
Delta R.T.: -0.012 min
Response: 193189
Conc: 377.43 ng/ml



#14 AR-1232-4

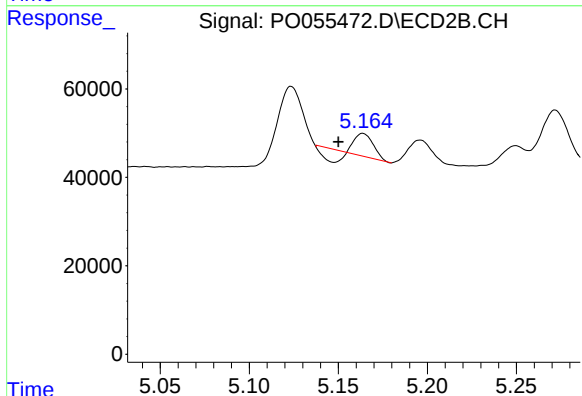
R.T.: 4.984 min
Delta R.T.: 0.005 min
Response: 60457
Conc: 137.59 ng/ml



#15 AR-1232-5

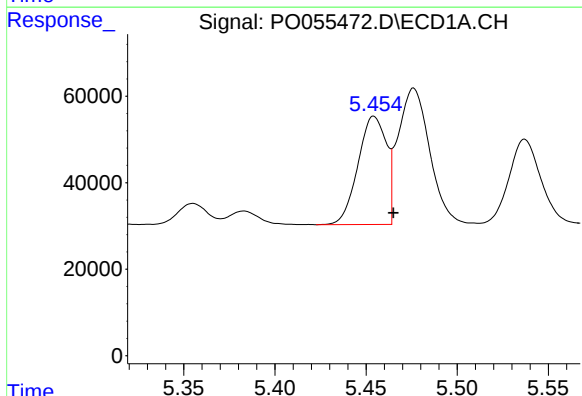
R.T.: 5.725 min
Delta R.T.: -0.013 min
Response: 177440
Conc: 426.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



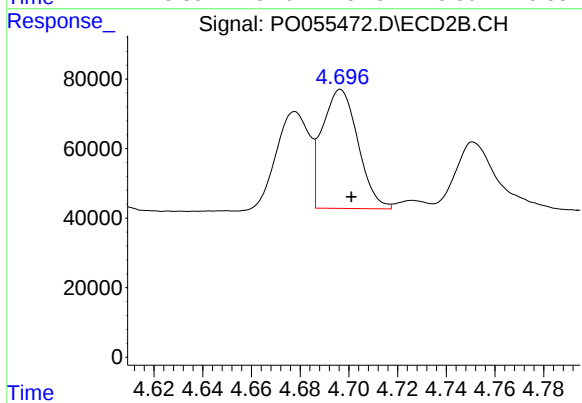
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: 0.014 min
Response: 25368
Conc: 52.16 ng/ml



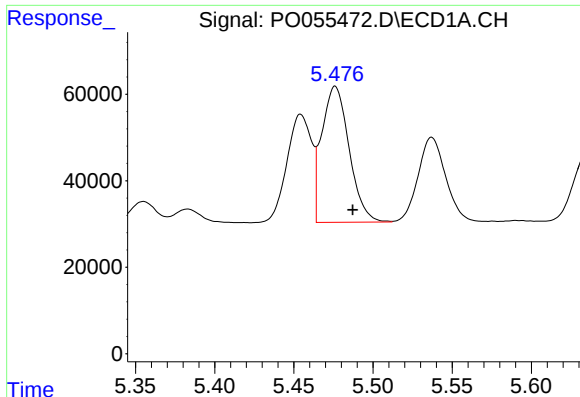
#16 AR-1242-1

R.T.: 5.454 min
Delta R.T.: -0.011 min
Response: 271247
Conc: 195.24 ng/ml



#16 AR-1242-1

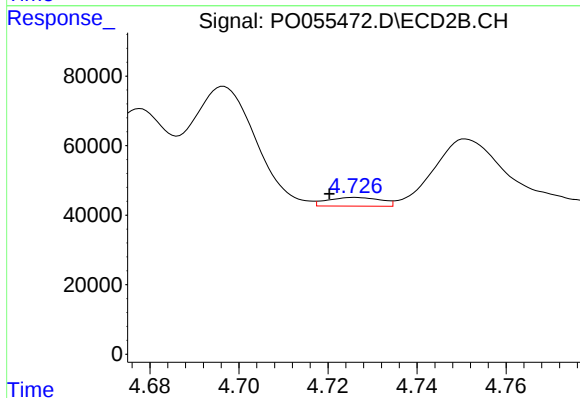
R.T.: 4.697 min
Delta R.T.: -0.004 min
Response: 348451
Conc: 283.82 ng/ml



#17 AR-1242-2

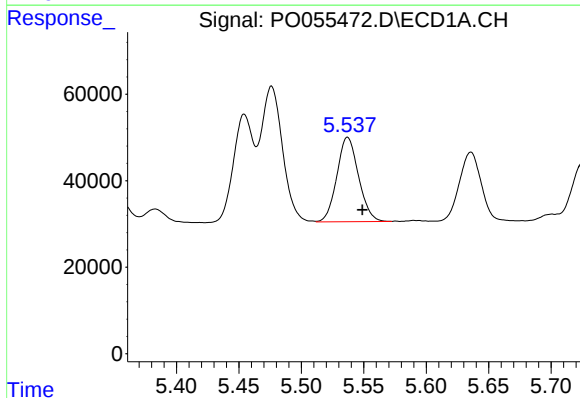
R.T.: 5.476 min
Delta R.T.: -0.011 min
Response: 378700
Conc: 197.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



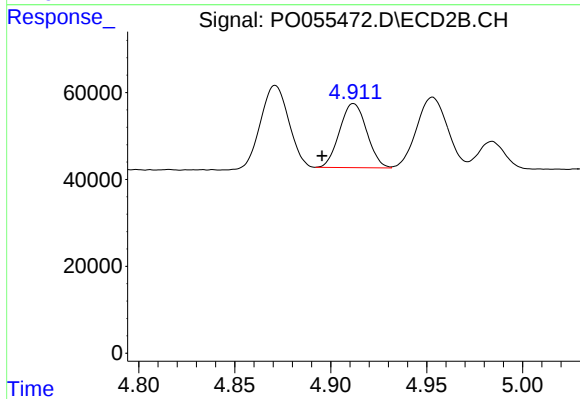
#17 AR-1242-2

R.T.: 4.726 min
Delta R.T.: 0.006 min
Response: 20561
Conc: 12.41 ng/ml



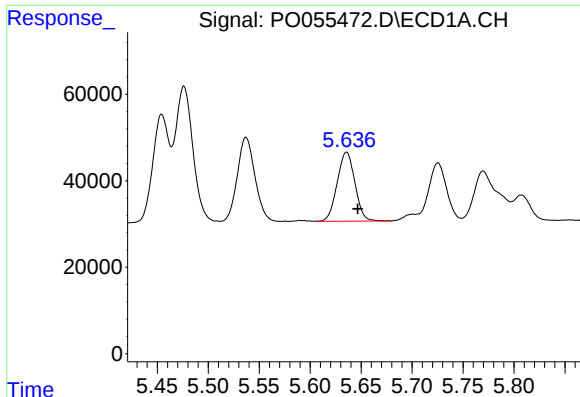
#18 AR-1242-3

R.T.: 5.537 min
Delta R.T.: -0.012 min
Response: 235852
Conc: 190.29 ng/ml



#18 AR-1242-3

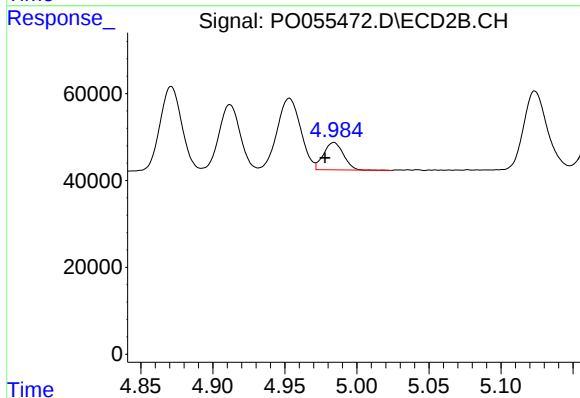
R.T.: 4.912 min
Delta R.T.: 0.016 min
Response: 145226
Conc: 153.30 ng/ml



#19 AR-1242-4

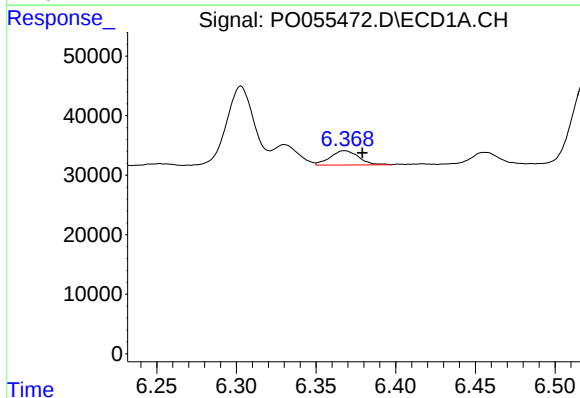
R.T.: 5.636 min
Delta R.T.: -0.011 min
Response: 193189
Conc: 189.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



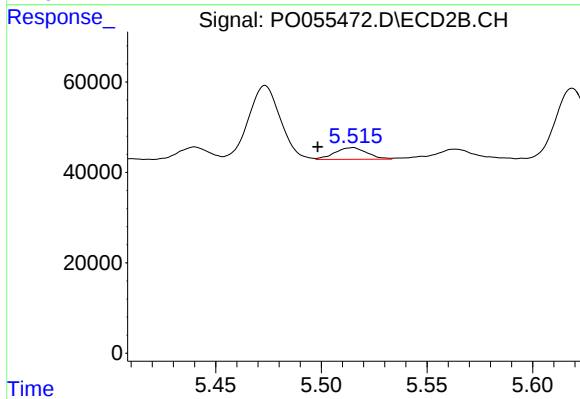
#19 AR-1242-4

R.T.: 4.984 min
Delta R.T.: 0.006 min
Response: 60457
Conc: 63.26 ng/ml



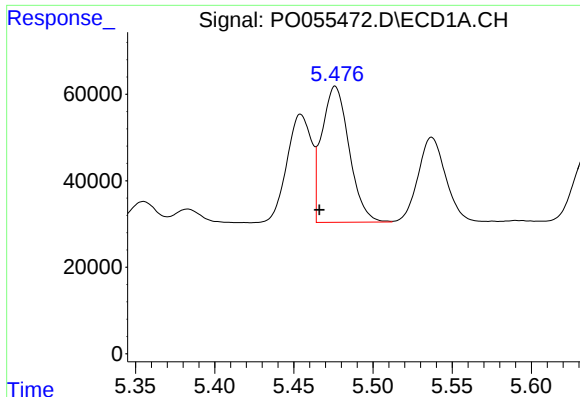
#20 AR-1242-5

R.T.: 6.368 min
Delta R.T.: -0.011 min
Response: 29892
Conc: 24.76 ng/ml



#20 AR-1242-5

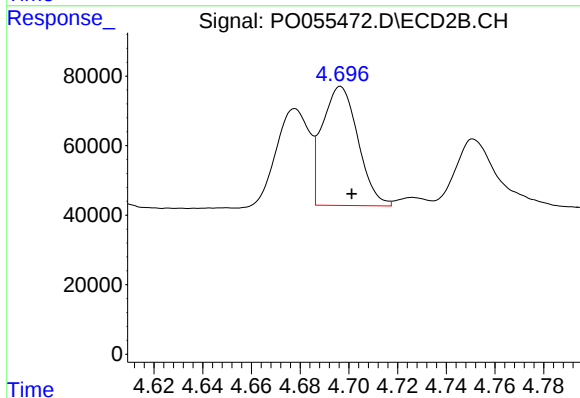
R.T.: 5.515 min
Delta R.T.: 0.016 min
Response: 27513
Conc: 22.37 ng/ml



#21 AR-1248-1

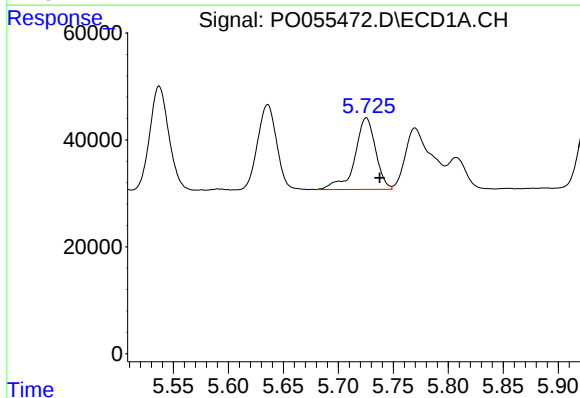
R.T.: 5.476 min
Delta R.T.: 0.010 min
Response: 378700
Conc: 378.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



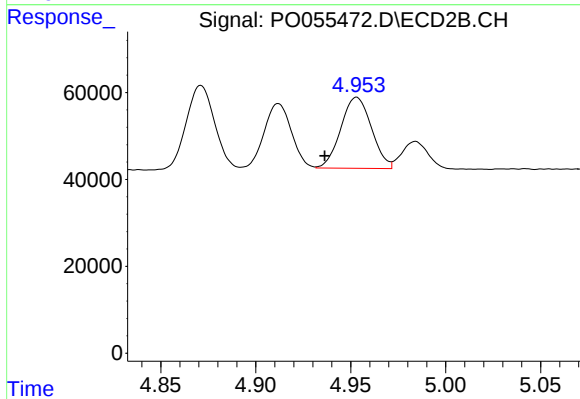
#21 AR-1248-1

R.T.: 4.697 min
Delta R.T.: -0.005 min
Response: 348451
Conc: 396.97 ng/ml



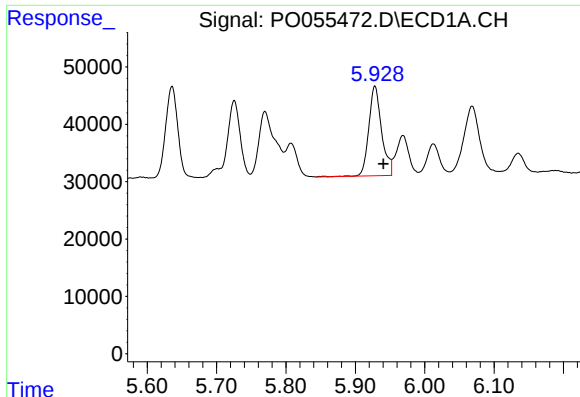
#22 AR-1248-2

R.T.: 5.725 min
Delta R.T.: -0.012 min
Response: 177440
Conc: 122.18 ng/ml



#22 AR-1248-2

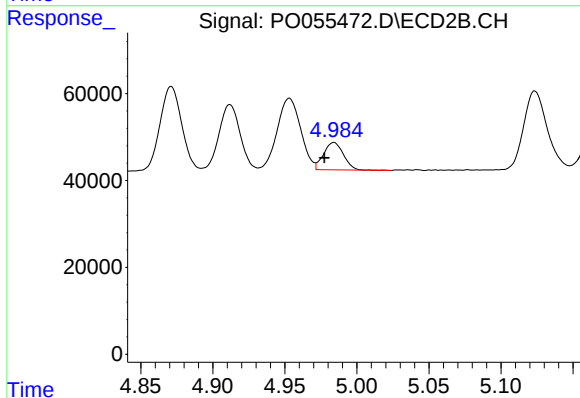
R.T.: 4.953 min
Delta R.T.: 0.017 min
Response: 183616
Conc: 151.93 ng/ml



#23 AR-1248-3

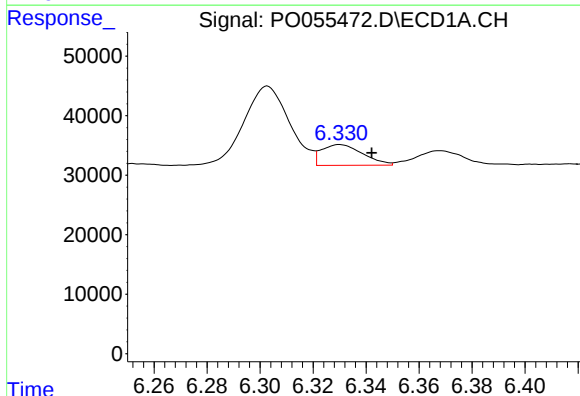
R.T.: 5.928 min
Delta R.T.: -0.012 min
Response: 200743
Conc: 125.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



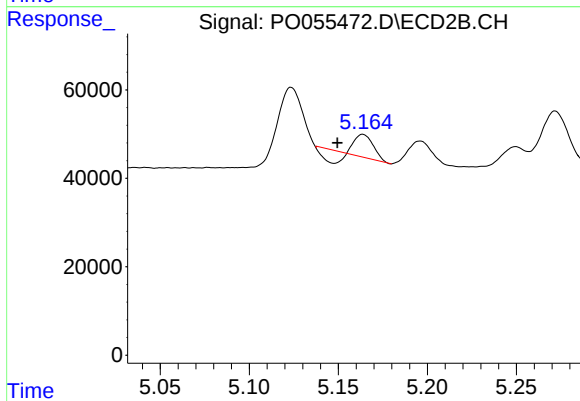
#23 AR-1248-3

R.T.: 4.984 min
Delta R.T.: 0.007 min
Response: 60457
Conc: 48.45 ng/ml



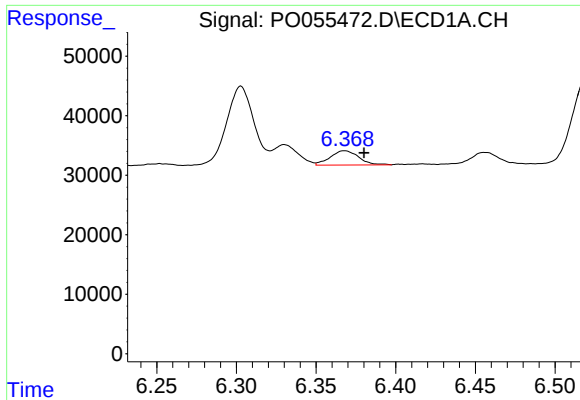
#24 AR-1248-4

R.T.: 6.330 min
Delta R.T.: -0.012 min
Response: 37722
Conc: 20.08 ng/ml



#24 AR-1248-4

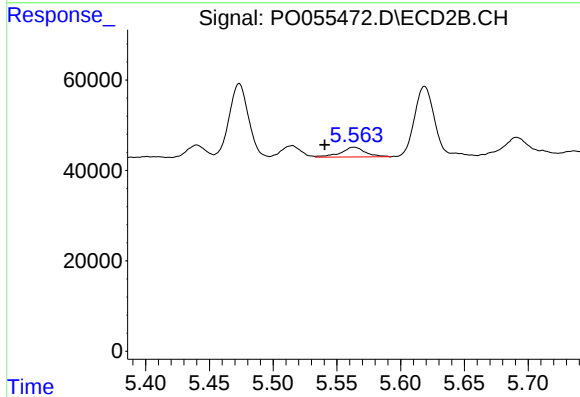
R.T.: 5.164 min
Delta R.T.: 0.014 min
Response: 25368
Conc: 16.66 ng/ml



#25 AR-1248-5

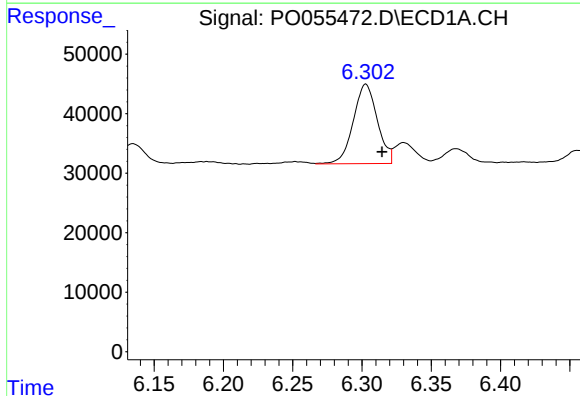
R.T.: 6.368 min
Delta R.T.: -0.012 min
Response: 29892
Conc: 16.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



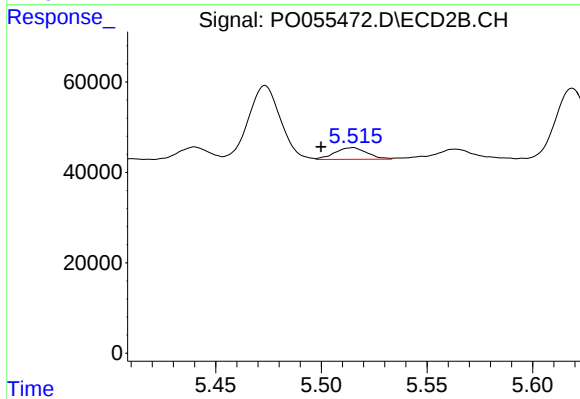
#25 AR-1248-5

R.T.: 5.563 min
Delta R.T.: 0.023 min
Response: 29390
Conc: 19.71 ng/ml



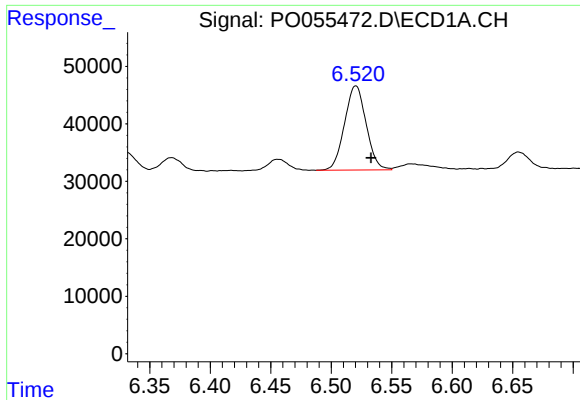
#26 AR-1254-1

R.T.: 6.303 min
Delta R.T.: -0.012 min
Response: 160926
Conc: 88.75 ng/ml



#26 AR-1254-1

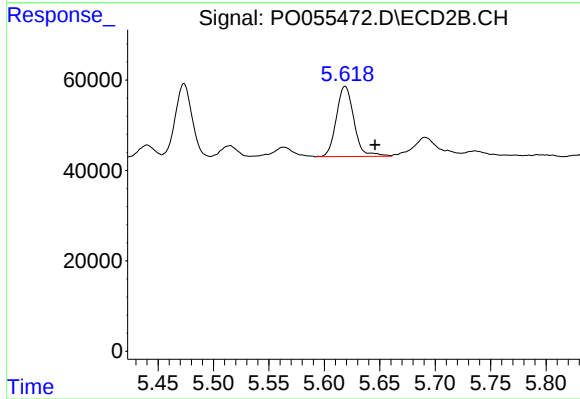
R.T.: 5.515 min
Delta R.T.: 0.015 min
Response: 27513
Conc: 12.59 ng/ml



#27 AR-1254-2

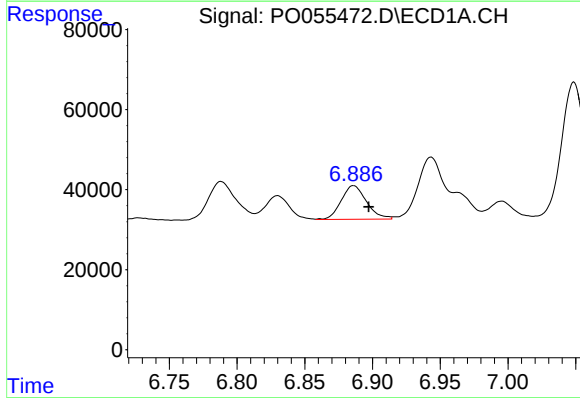
R.T.: 6.520 min
Delta R.T.: -0.013 min
Response: 182342
Conc: 63.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



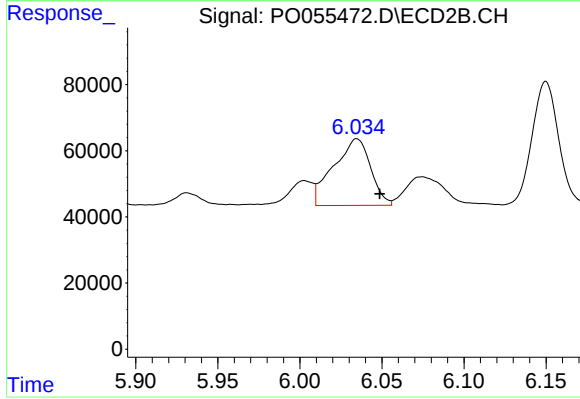
#27 AR-1254-2

R.T.: 5.619 min
Delta R.T.: -0.027 min
Response: 172200
Conc: 88.81 ng/ml



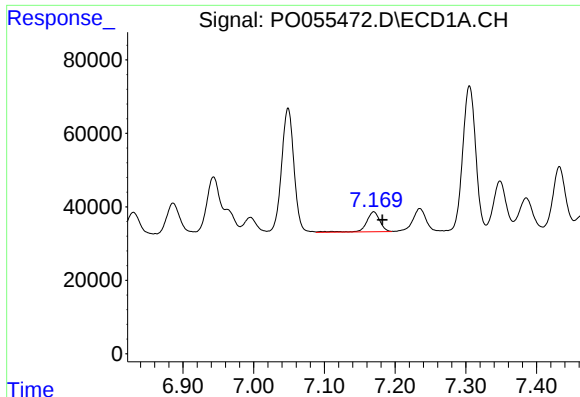
#28 AR-1254-3

R.T.: 6.886 min
Delta R.T.: -0.011 min
Response: 108858
Conc: 34.62 ng/ml



#28 AR-1254-3

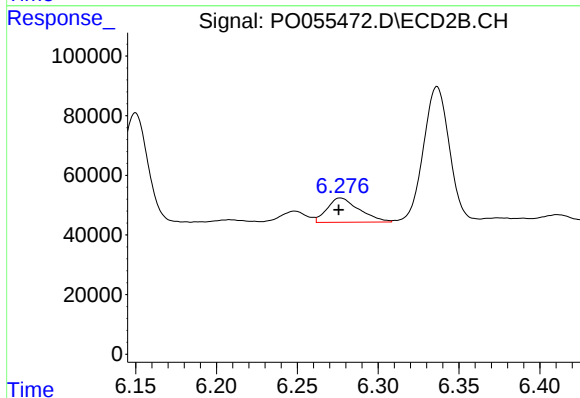
R.T.: 6.035 min
Delta R.T.: -0.014 min
Response: 317008
Conc: 98.89 ng/ml



#29 AR-1254-4

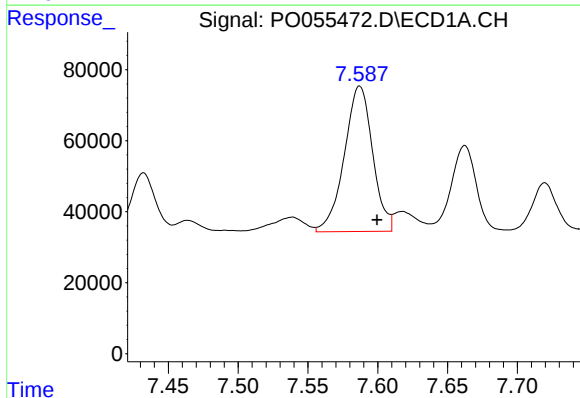
R.T.: 7.170 min
Delta R.T.: -0.012 min
Response: 71802
Conc: 29.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



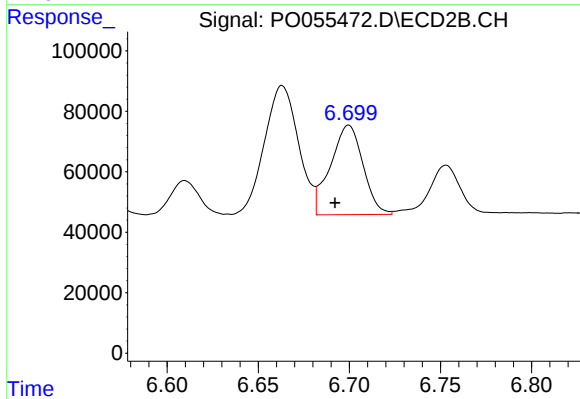
#29 AR-1254-4

R.T.: 6.277 min
Delta R.T.: 0.001 min
Response: 112740
Conc: 57.58 ng/ml



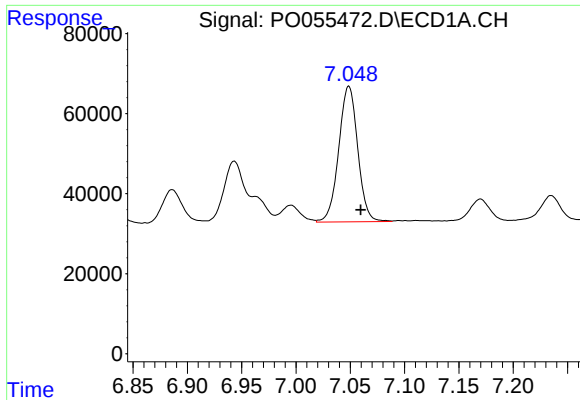
#30 AR-1254-5

R.T.: 7.587 min
Delta R.T.: -0.012 min
Response: 578994
Conc: 216.02 ng/ml



#30 AR-1254-5

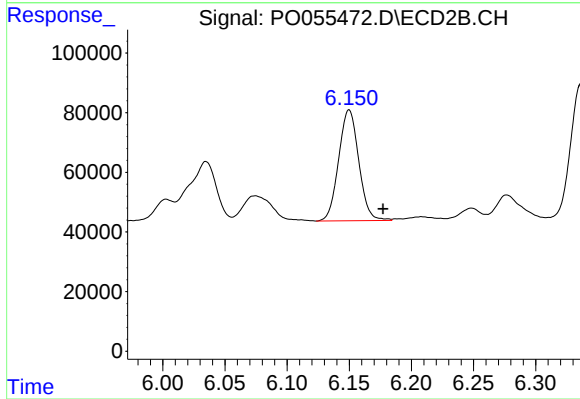
R.T.: 6.700 min
Delta R.T.: 0.007 min
Response: 369366
Conc: 128.49 ng/ml



#31 AR-1260-1

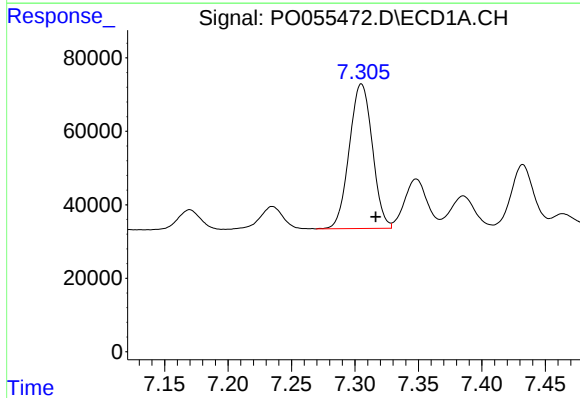
R.T.: 7.049 min
Delta R.T.: -0.011 min
Response: 413316
Conc: 164.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



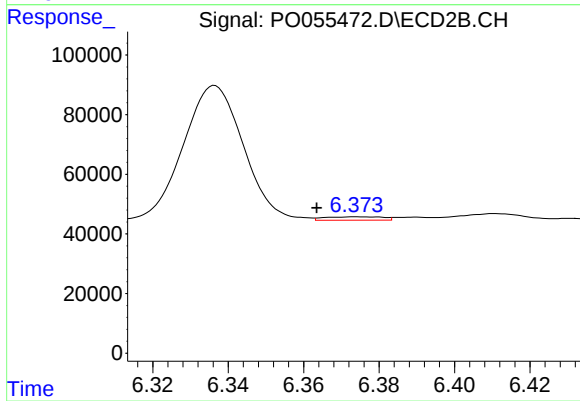
#31 AR-1260-1

R.T.: 6.150 min
Delta R.T.: -0.027 min
Response: 419263
Conc: 182.44 ng/ml



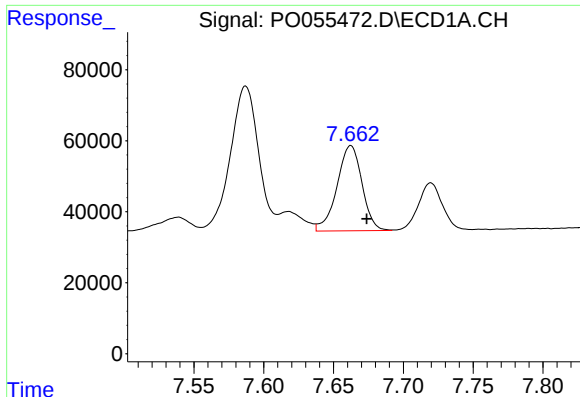
#32 AR-1260-2

R.T.: 7.305 min
Delta R.T.: -0.011 min
Response: 497934
Conc: 160.44 ng/ml



#32 AR-1260-2

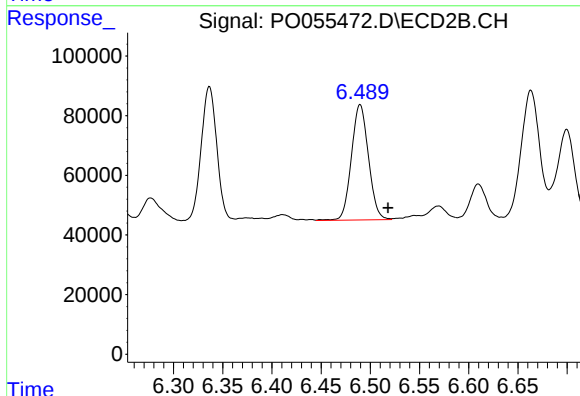
R.T.: 6.374 min
Delta R.T.: 0.011 min
Response: 12298
Conc: 4.47 ng/ml



#33 AR-1260-3

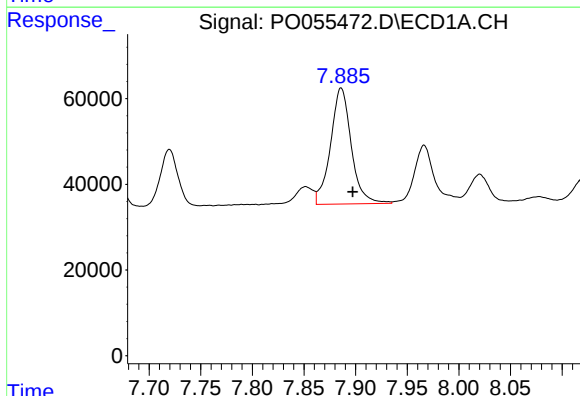
R.T.: 7.662 min
Delta R.T.: -0.011 min
Response: 298967
Conc: 121.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



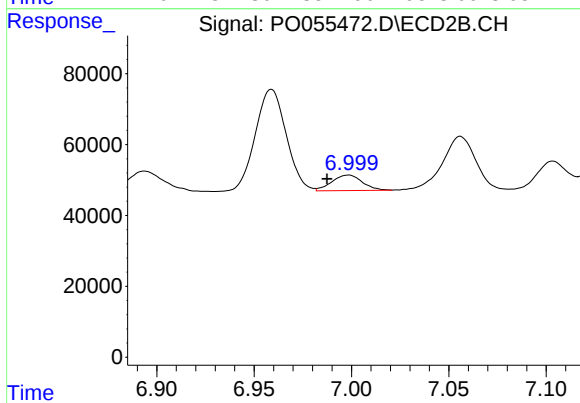
#33 AR-1260-3

R.T.: 6.490 min
Delta R.T.: -0.028 min
Response: 466256
Conc: 180.87 ng/ml



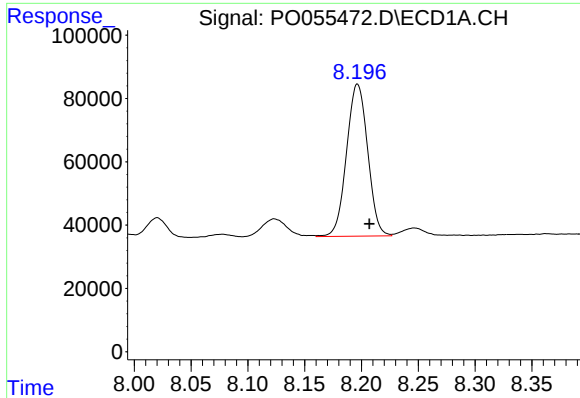
#34 AR-1260-4

R.T.: 7.886 min
Delta R.T.: -0.011 min
Response: 378775
Conc: 136.94 ng/ml



#34 AR-1260-4

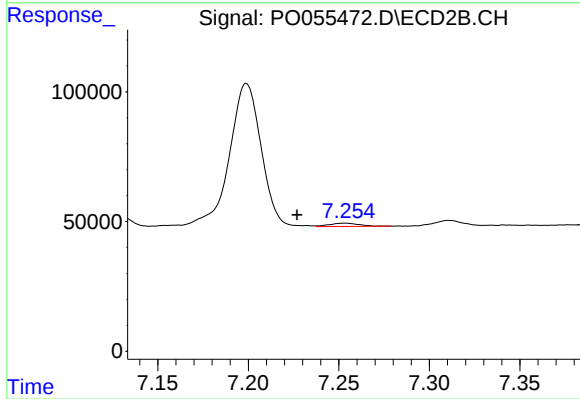
R.T.: 6.999 min
Delta R.T.: 0.011 min
Response: 47409
Conc: 22.28 ng/ml



#35 AR-1260-5

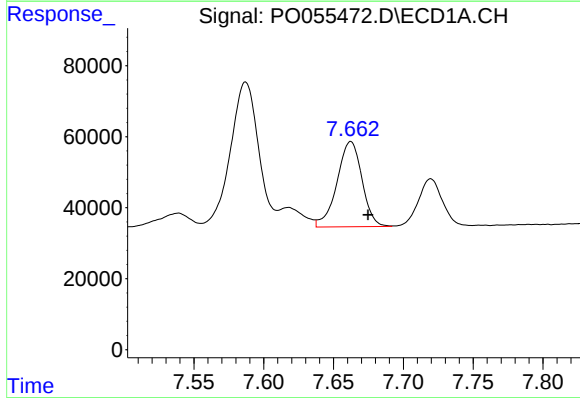
R.T.: 8.197 min
Delta R.T.: -0.011 min
Response: 621992
Conc: 112.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



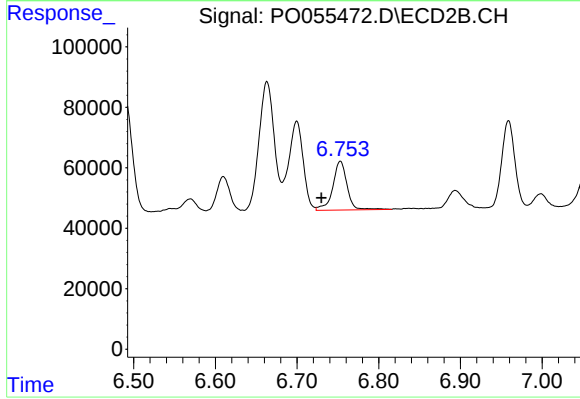
#35 AR-1260-5

R.T.: 7.254 min
Delta R.T.: 0.027 min
Response: 14580
Conc: 3.04 ng/ml



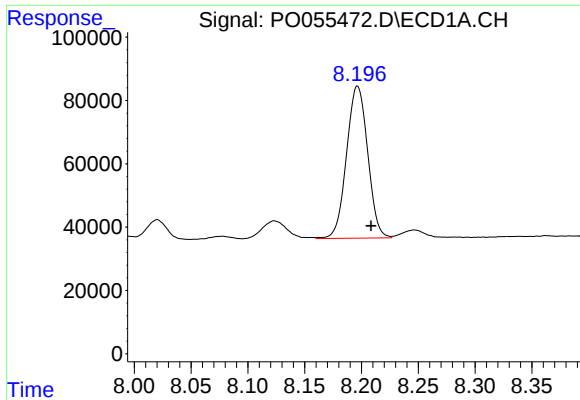
#36 AR-1262-1

R.T.: 7.662 min
Delta R.T.: -0.012 min
Response: 298967
Conc: 89.72 ng/ml



#36 AR-1262-1

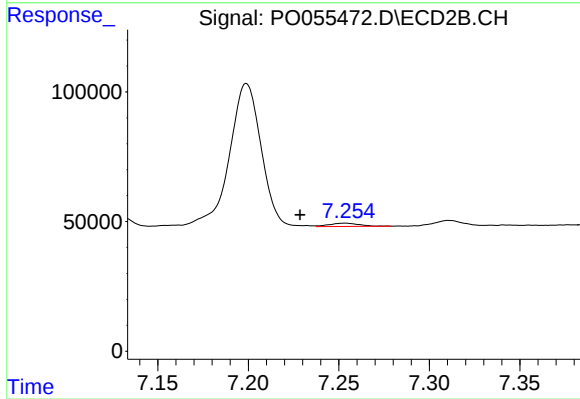
R.T.: 6.753 min
Delta R.T.: 0.023 min
Response: 196167
Conc: 65.94 ng/ml



#37 AR-1262-2

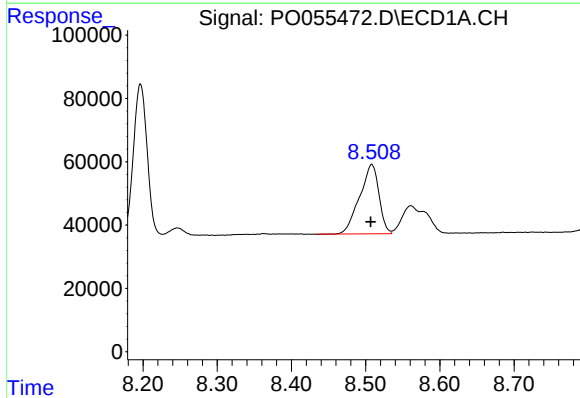
R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 621992
Conc: 104.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



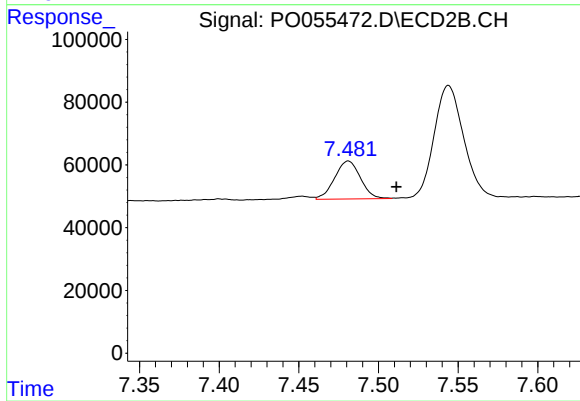
#37 AR-1262-2

R.T.: 7.254 min
Delta R.T.: 0.025 min
Response: 14580
Conc: 2.97 ng/ml



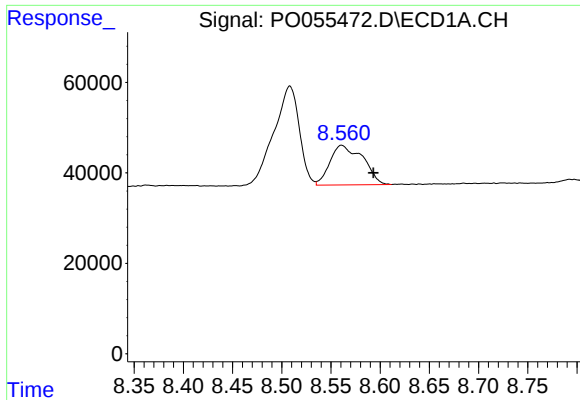
#38 AR-1262-3

R.T.: 8.508 min
Delta R.T.: 0.001 min
Response: 396273
Conc: 95.65 ng/ml



#38 AR-1262-3

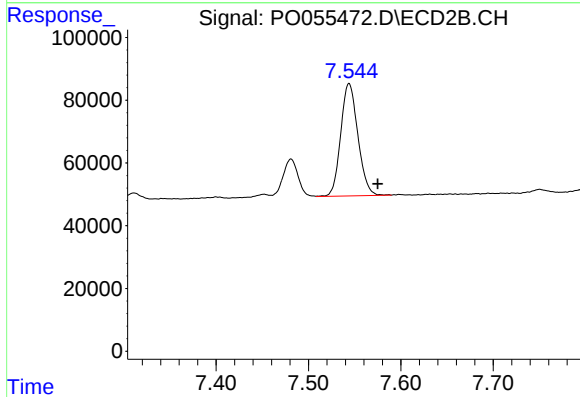
R.T.: 7.481 min
Delta R.T.: -0.030 min
Response: 136745
Conc: 66.59 ng/ml



#39 AR-1262-4

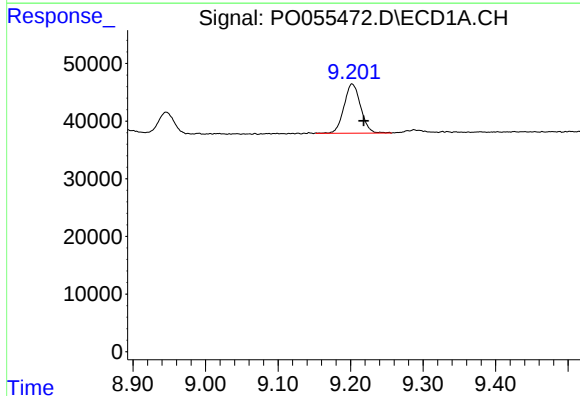
R.T.: 8.561 min
Delta R.T.: -0.032 min
Response: 204404
Conc: 63.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



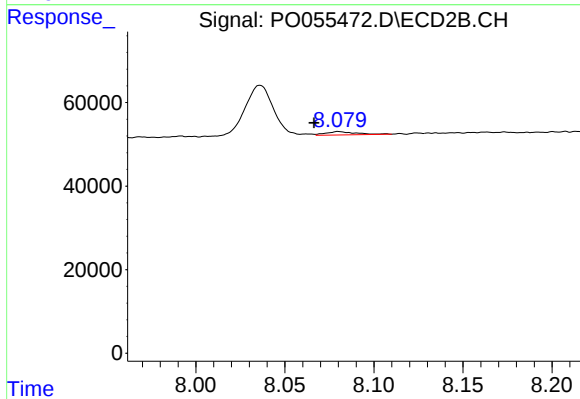
#39 AR-1262-4

R.T.: 7.544 min
Delta R.T.: -0.031 min
Response: 462528
Conc: 127.70 ng/ml



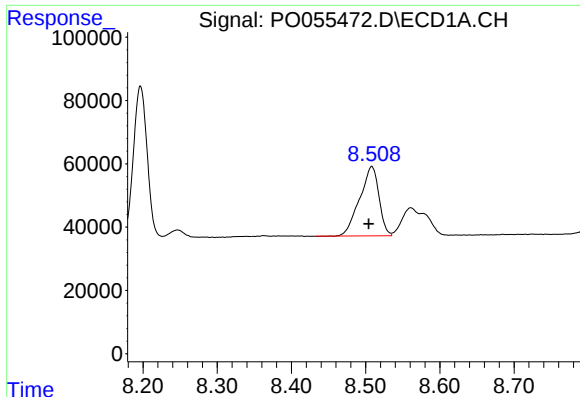
#40 AR-1262-5

R.T.: 9.202 min
Delta R.T.: -0.016 min
Response: 136349
Conc: 62.37 ng/ml



#40 AR-1262-5

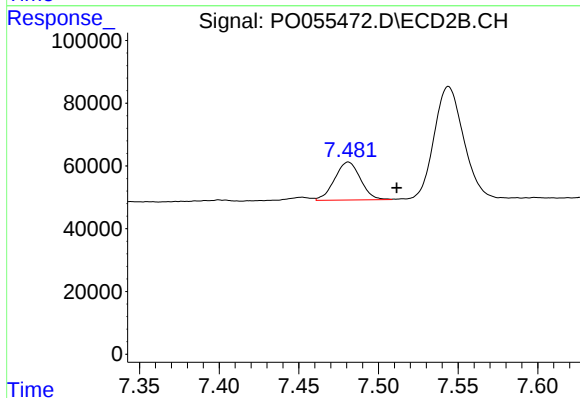
R.T.: 8.080 min
Delta R.T.: 0.014 min
Response: 9277
Conc: 5.75 ng/ml



#41 AR-1268-1

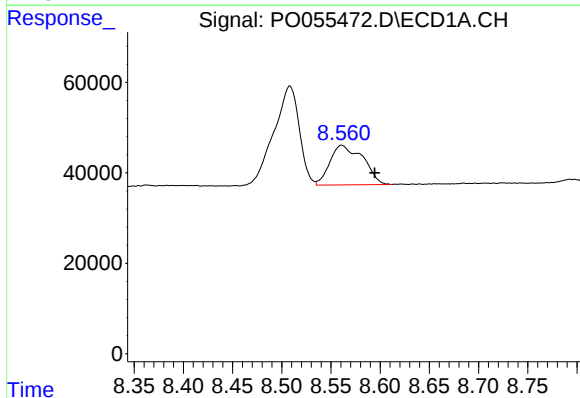
R.T.: 8.508 min
Delta R.T.: 0.004 min
Response: 396273
Conc: 55.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



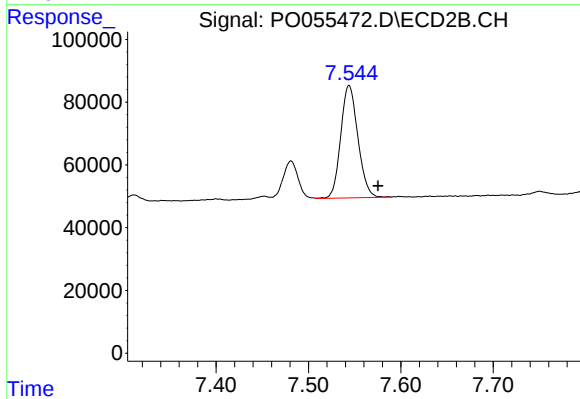
#41 AR-1268-1

R.T.: 7.481 min
Delta R.T.: -0.030 min
Response: 136745
Conc: 24.18 ng/ml



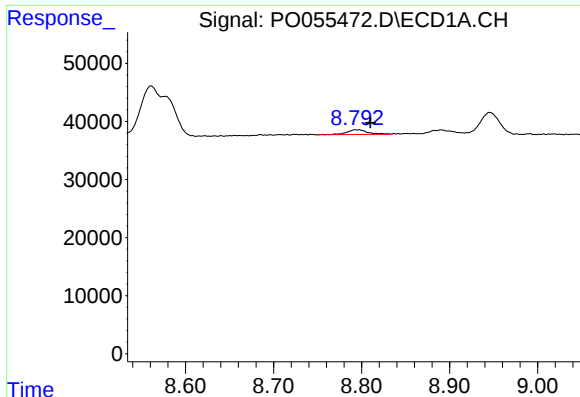
#42 AR-1268-2

R.T.: 8.561 min
Delta R.T.: -0.034 min
Response: 204404
Conc: 31.20 ng/ml



#42 AR-1268-2

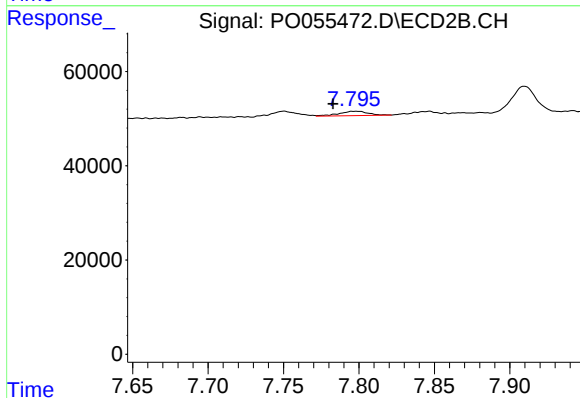
R.T.: 7.544 min
Delta R.T.: -0.031 min
Response: 462528
Conc: 89.44 ng/ml



#43 AR-1268-3

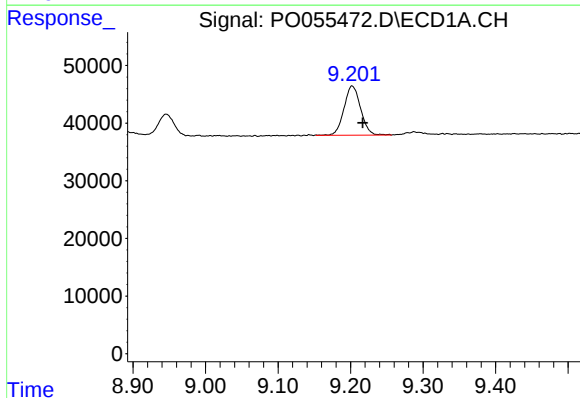
R.T.: 8.793 min
Delta R.T.: -0.017 min
Response: 13033
Conc: 2.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



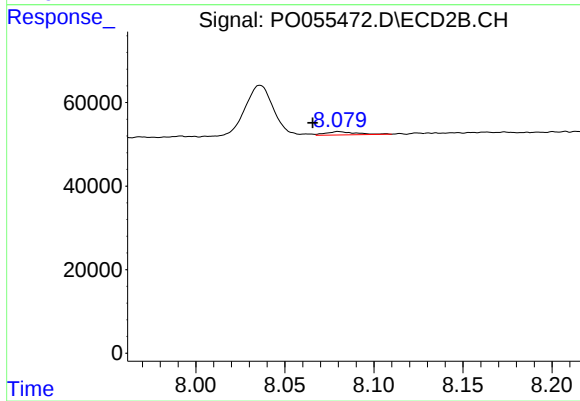
#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: 0.014 min
Response: 12290
Conc: 2.86 ng/ml



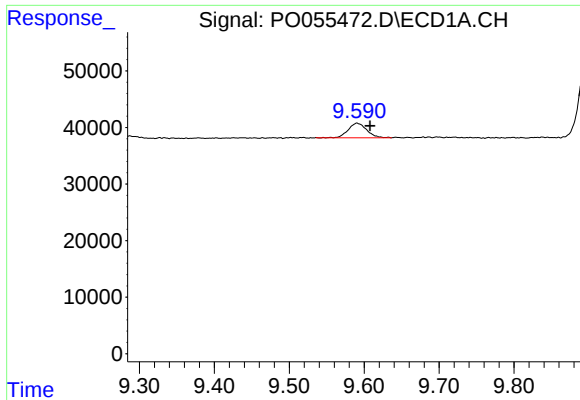
#44 AR-1268-4

R.T.: 9.202 min
Delta R.T.: -0.015 min
Response: 136349
Conc: 57.15 ng/ml



#44 AR-1268-4

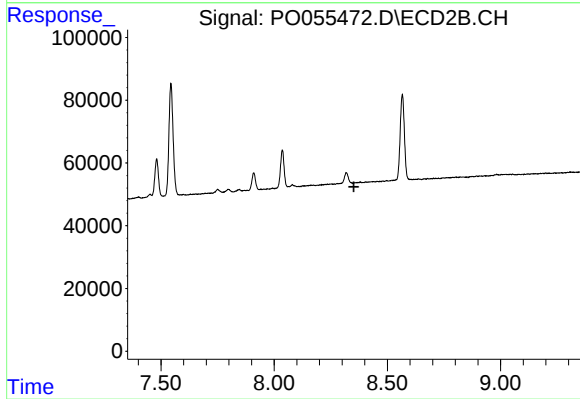
R.T.: 8.080 min
Delta R.T.: 0.015 min
Response: 9277
Conc: 5.00 ng/ml



#45 AR-1268-5

R.T.: 9.590 min
Delta R.T.: -0.018 min
Response: 44666
Conc: 2.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
200027MS



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.352 min
Response: 0
Conc: N.D.