

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083119\
 Data File : P0060173.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Aug 2019 14:37
 Operator : SM/AJ
 Sample : PB122661BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB122661BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 23:08:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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...	4.123	3.498	825728	696686	23.584	19.355
2)	SA Decachlor...	9.577	8.350	976291	770003	18.351	19.097
Target Compounds							
3)	L1 AR-1016-1	5.270	4.546	375652	272522	234.216	201.579
4)	L1 AR-1016-2	5.291	4.563	550863	400313	230.246	199.856
5)	L1 AR-1016-3	5.351	4.735	352231	172532	236.472	159.478 #
6)	L1 AR-1016-4	0.000	4.775	0	155910	N.D.	172.660 #
7)	L1 AR-1016-5	5.735	4.983	-173054	222420	N.D.	193.085 #
8)	L2 AR-1221-1	4.374	3.701	2036	27116	4.808	67.557 #
9)	L2 AR-1221-2	4.420	3.788	51481	32132	158.503	105.482 #
10)	L2 AR-1221-3	4.494	3.859	192210	126255	182.733	129.036 #
11)	L3 AR-1232-1	4.494	3.859	192210	126255	154.208	110.738 #
12)	L3 AR-1232-2	5.008	4.563	256705	400313	363.401	314.323
13)	L3 AR-1232-3	5.291	4.735	550863	172532	359.720	253.384 #
14)	L3 AR-1232-4	5.535	4.845	1690	64254	2.162	105.325 #
15)	L3 AR-1232-5	5.578	4.983	226767	222420	377.235	326.735
16)	L4 AR-1242-1	5.291	4.563	550863	400313	433.916	389.160
17)	L4 AR-1242-2	5.291	4.563	550863	400313	296.857	262.830
18)	L4 AR-1242-3	5.351	4.735	352231	172532	301.351	206.501 #
19)	L4 AR-1242-4	5.535	4.845	1690	64254	1.747	77.008 #
20)	L4 AR-1242-5	6.221	5.325	1592	199080	1.267	177.972 #
21)	L5 AR-1248-1	5.270	4.546	375652	272522	374.696	329.123
22)	L5 AR-1248-2	5.535	4.775	1690	155910	1.165	135.207 #
23)	L5 AR-1248-3	5.735	4.815	-173054	194166	N.D.	163.474 #
24)	L5 AR-1248-4	6.133	4.983	50342	222420	24.628	153.068 #
25)	L5 AR-1248-5	6.172	5.325	66467	199080	33.517	139.091 #
26)	L6 AR-1254-1	6.104	5.325	294886	199080	141.336	83.936 #
27)	L6 AR-1254-2	6.318	5.470	265677	188883	79.633	90.017
28)	L6 AR-1254-3	6.684	5.876	139064	352391	39.190	104.800 #
29)	L6 AR-1254-4	6.964	6.091	90383	30221	30.685	14.657 #
30)	L6 AR-1254-5	7.379	6.499	999578	649468	323.238	209.170 #
31)	L7 AR-1260-1	6.840	5.990	651252	491058	241.579	215.480
32)	L7 AR-1260-2	7.096	6.178	910807	680525	245.469	232.271
33)	L7 AR-1260-3	7.449	6.326	693136	569955	211.558	215.148
34)	L7 AR-1260-4	7.676	6.788	705462	412092	229.694	182.134
35)	L7 AR-1260-5	7.983	7.031	1482407	1042104	209.353	189.359
36)	L8 AR-1262-1	7.506	6.532	382022	559594	78.720	150.124 #
37)	L8 AR-1262-2	8.028	7.031	216247	1042104	28.026	177.257 #
38)	L8 AR-1262-3	8.283	7.303	641728	190264	125.772	74.879 #
39)	L8 AR-1262-4	8.327	7.370	694450	677939	180.155	153.417
40)	L8 AR-1262-5	8.935	7.861	525803	196412	204.867	108.782 #
41)	L9 AR-1268-1	8.283	7.303	641728	190264	68.192	26.719 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083119\
 Data File : P0060173.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Aug 2019 14:37
 Operator : SM/AJ
 Sample : PB122661BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

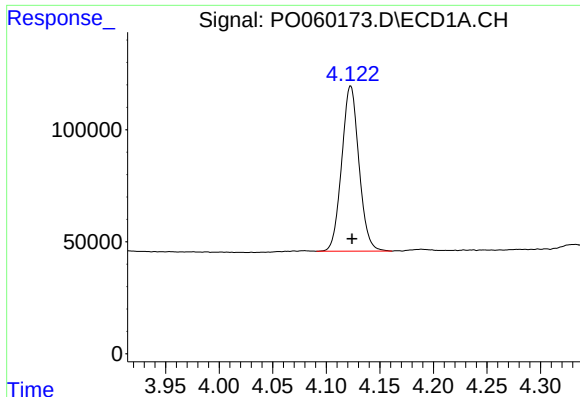
Instrument :
 ECD_O
 ClientSampleId :
 PB122661BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 23:08:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.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	8.327	7.370	694450	677939	88.098	105.139
43) L9	AR-1268-3	8.604	7.566	175158	9253	24.849	1.691 #
44) L9	AR-1268-4	8.935	7.861	525803	196412	189.135	96.219 #
45) L9	AR-1268-5	9.367	8.127	43410	148758	2.354	10.238 #

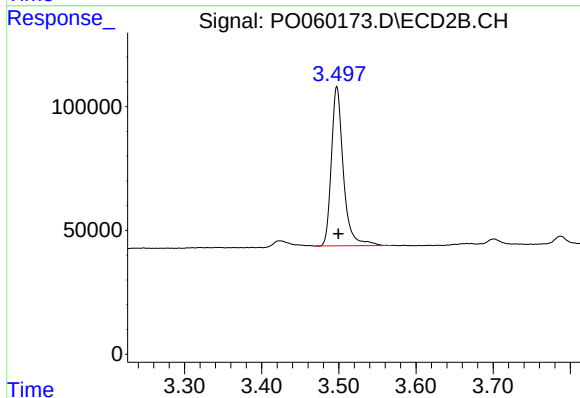
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

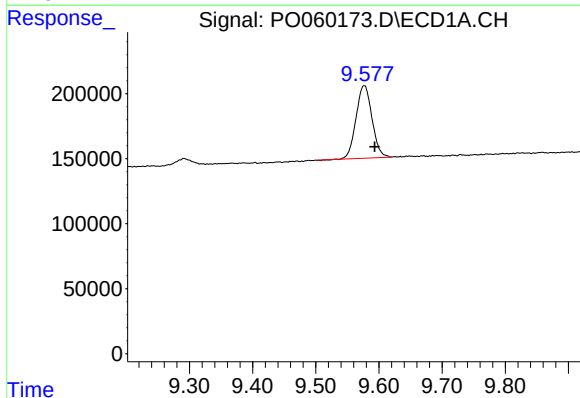
R.T.: 4.123 min
Delta R.T.: -0.001 min
Response: 825728
Conc: 23.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



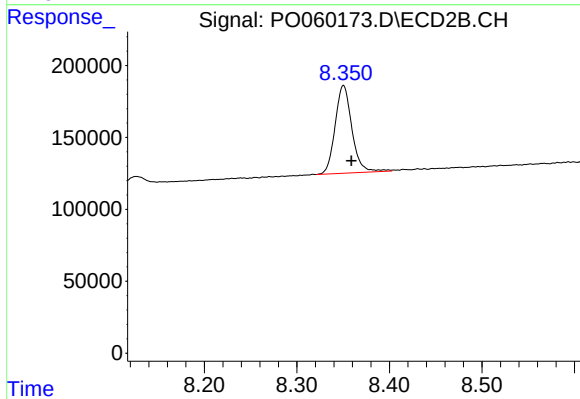
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.002 min
Response: 696686
Conc: 19.35 ng/ml



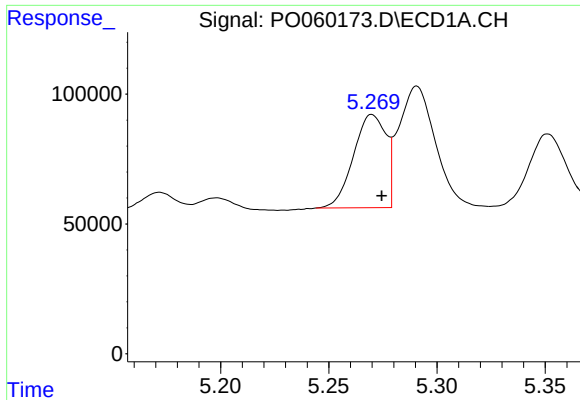
#2 Decachlorobiphenyl

R.T.: 9.577 min
Delta R.T.: -0.016 min
Response: 976291
Conc: 18.35 ng/ml



#2 Decachlorobiphenyl

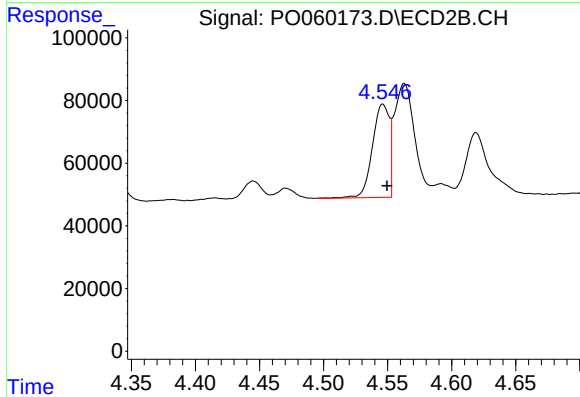
R.T.: 8.350 min
Delta R.T.: -0.009 min
Response: 770003
Conc: 19.10 ng/ml



#3 AR-1016-1

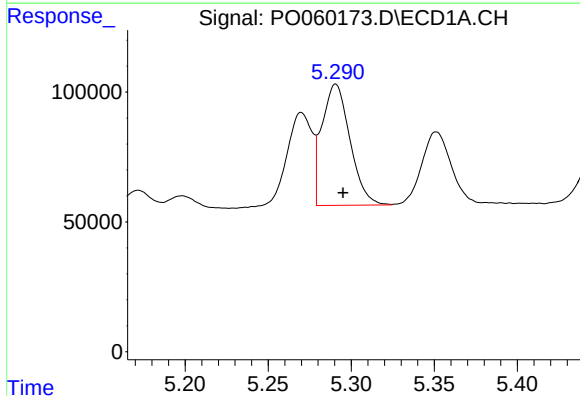
R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 375652
Conc: 234.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



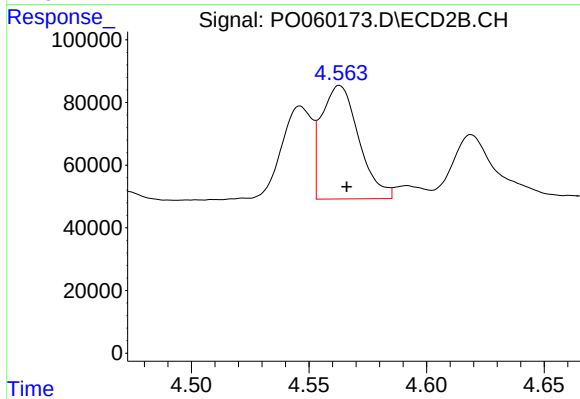
#3 AR-1016-1

R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 272522
Conc: 201.58 ng/ml



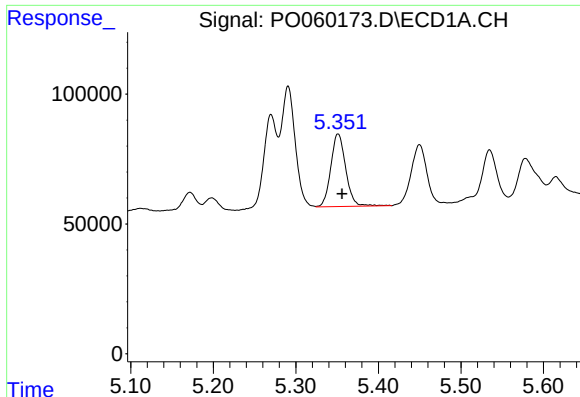
#4 AR-1016-2

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 550863
Conc: 230.25 ng/ml



#4 AR-1016-2

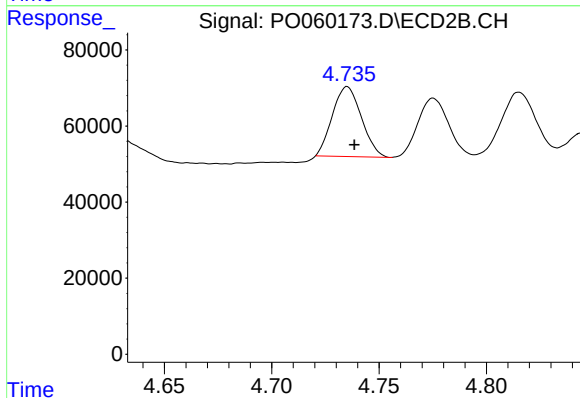
R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 400313
Conc: 199.86 ng/ml



#5 AR-1016-3

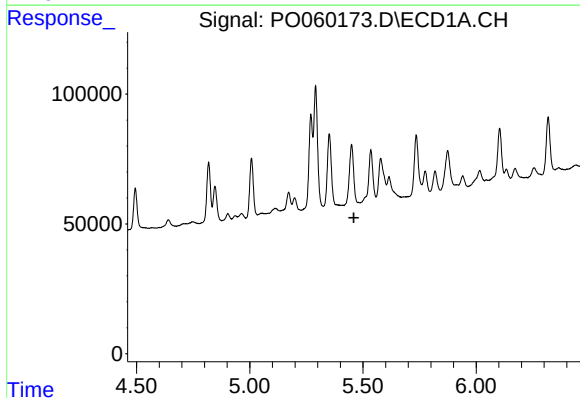
R.T.: 5.351 min
Delta R.T.: -0.005 min
Response: 352231
Conc: 236.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



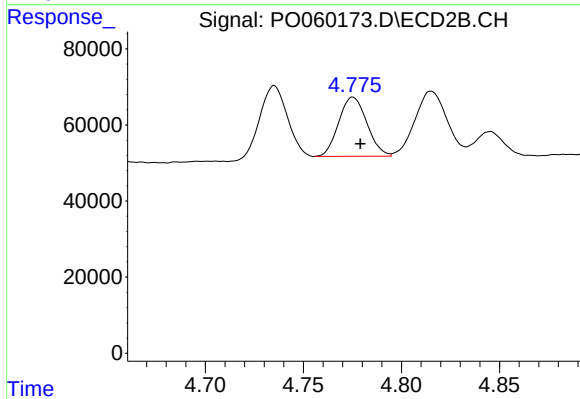
#5 AR-1016-3

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 172532
Conc: 159.48 ng/ml



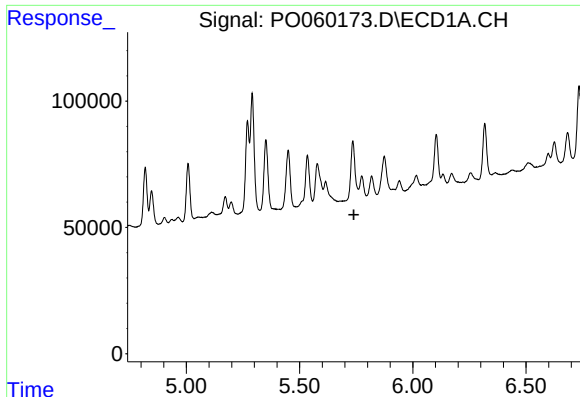
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.



#6 AR-1016-4

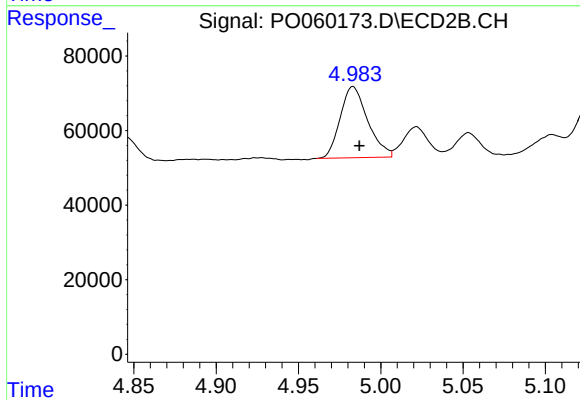
R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 155910
Conc: 172.66 ng/ml



#7 AR-1016-5

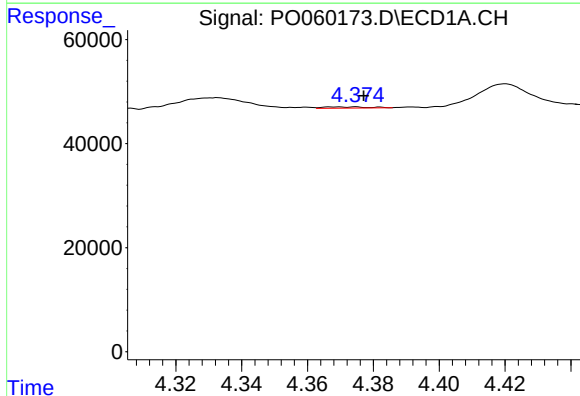
R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: -173054
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB122661BS



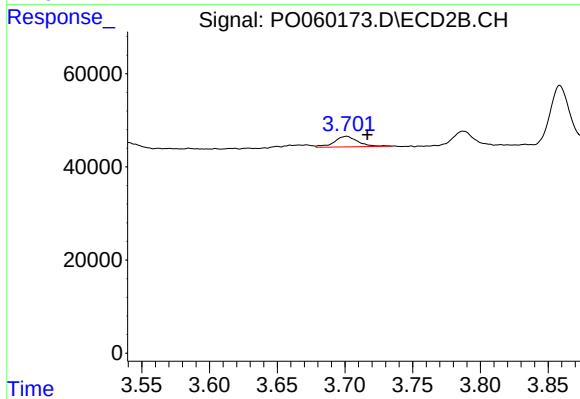
#7 AR-1016-5

R.T.: 4.983 min
Delta R.T.: -0.004 min
Response: 222420
Conc: 193.09 ng/ml



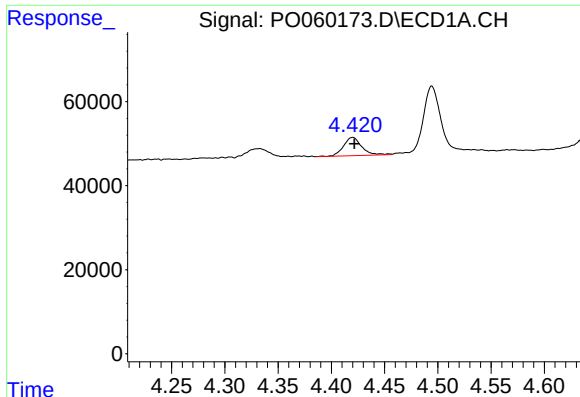
#8 AR-1221-1

R.T.: 4.374 min
Delta R.T.: -0.003 min
Response: 2036
Conc: 4.81 ng/ml



#8 AR-1221-1

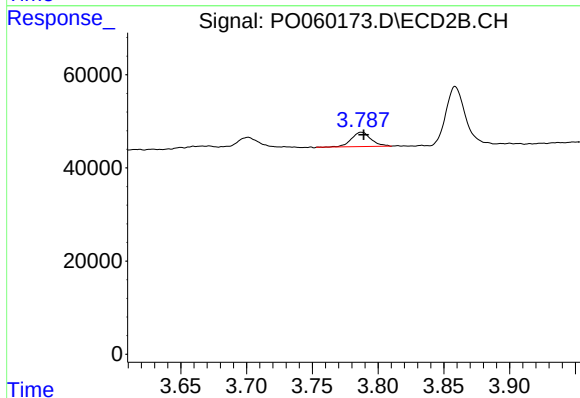
R.T.: 3.701 min
Delta R.T.: -0.015 min
Response: 27116
Conc: 67.56 ng/ml



#9 AR-1221-2

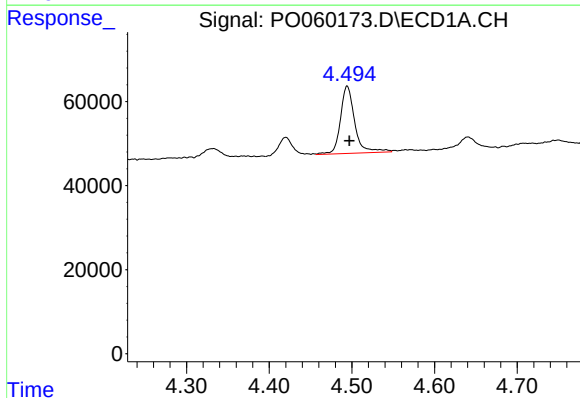
R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 51481
Conc: 158.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



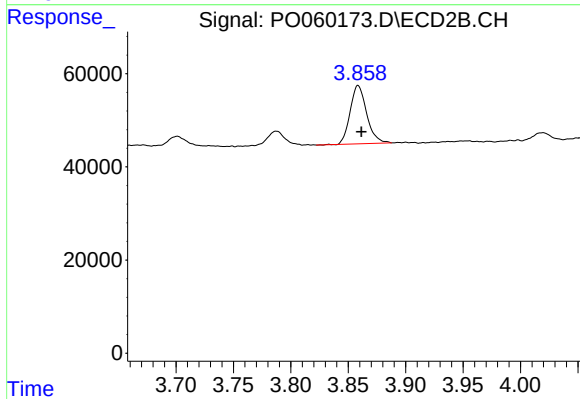
#9 AR-1221-2

R.T.: 3.788 min
Delta R.T.: -0.002 min
Response: 32132
Conc: 105.48 ng/ml



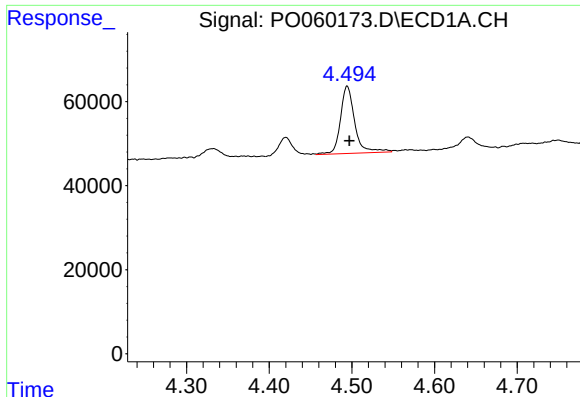
#10 AR-1221-3

R.T.: 4.494 min
Delta R.T.: -0.002 min
Response: 192210
Conc: 182.73 ng/ml



#10 AR-1221-3

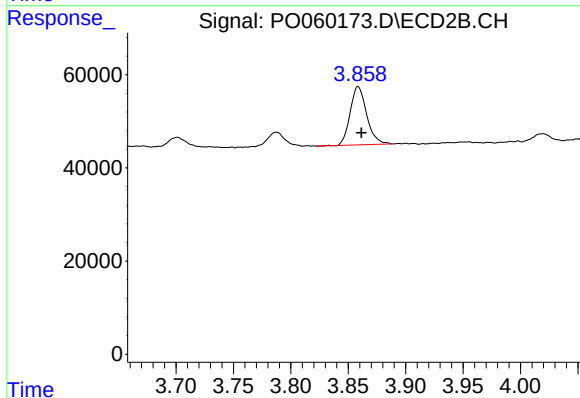
R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 126255
Conc: 129.04 ng/ml



#11 AR-1232-1

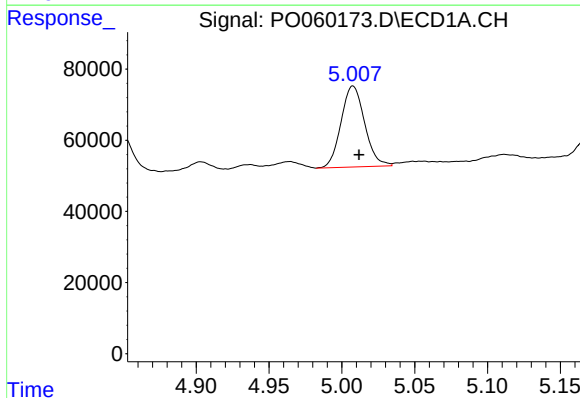
R.T.: 4.494 min
Delta R.T.: -0.002 min
Response: 192210
Conc: 154.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



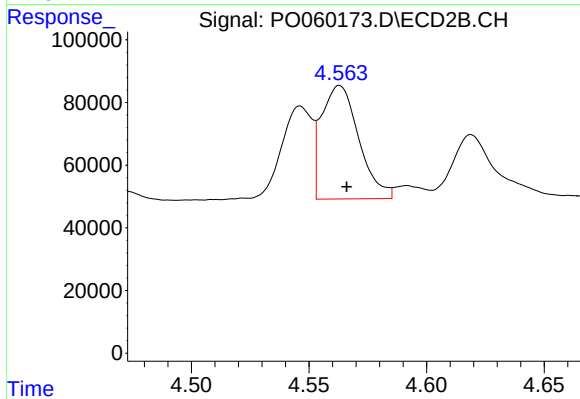
#11 AR-1232-1

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 126255
Conc: 110.74 ng/ml



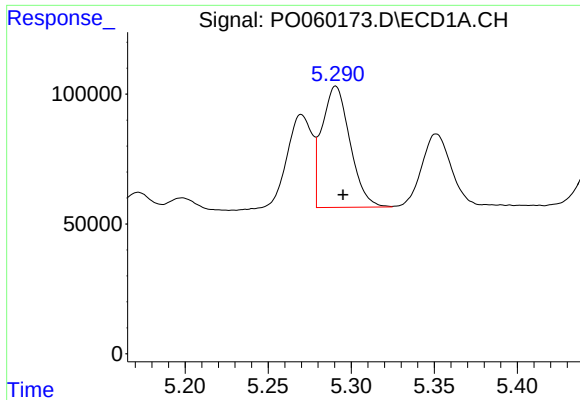
#12 AR-1232-2

R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 256705
Conc: 363.40 ng/ml



#12 AR-1232-2

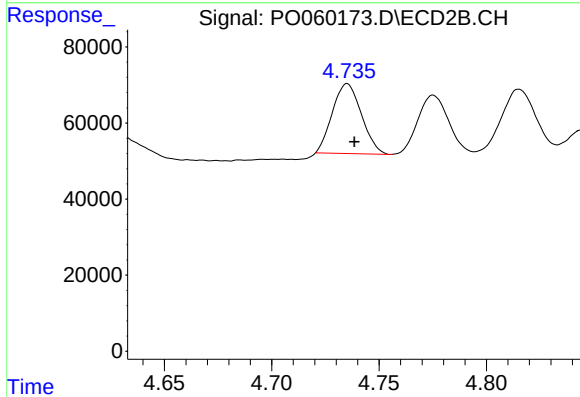
R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 400313
Conc: 314.32 ng/ml



#13 AR-1232-3

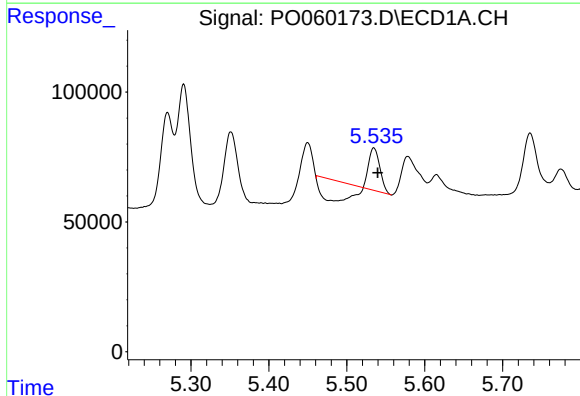
R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 550863
Conc: 359.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



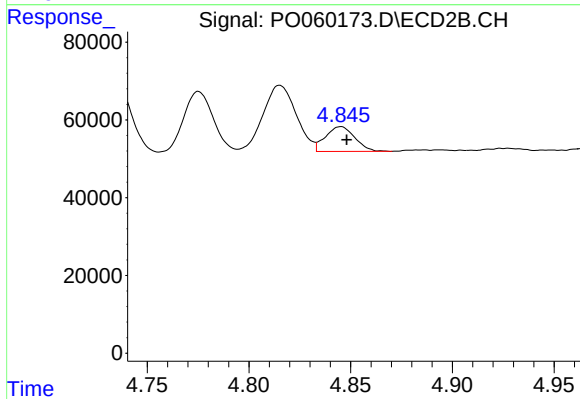
#13 AR-1232-3

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 172532
Conc: 253.38 ng/ml



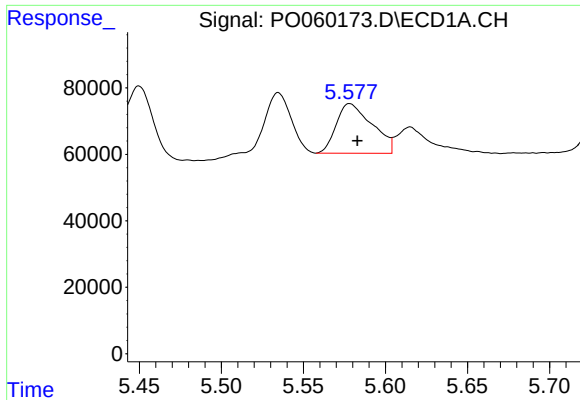
#14 AR-1232-4

R.T.: 5.535 min
Delta R.T.: -0.005 min
Response: 1690
Conc: 2.16 ng/ml



#14 AR-1232-4

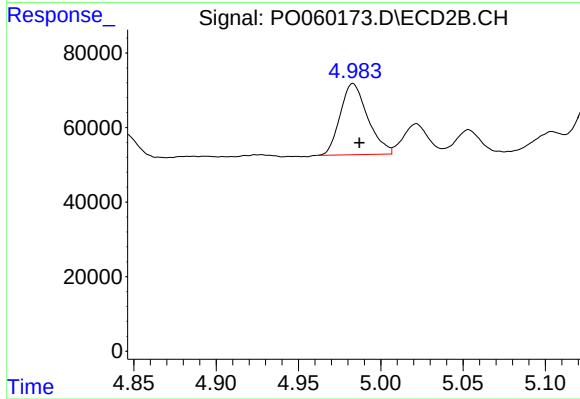
R.T.: 4.845 min
Delta R.T.: -0.003 min
Response: 64254
Conc: 105.33 ng/ml



#15 AR-1232-5

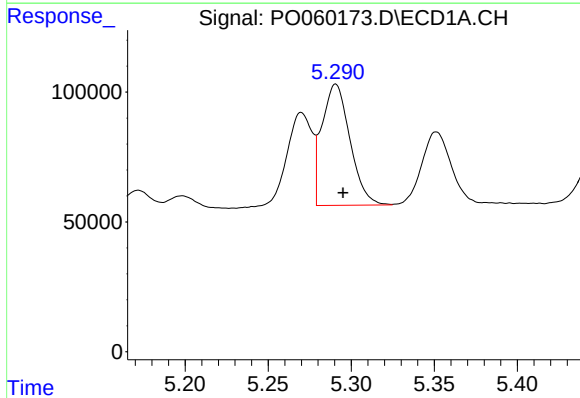
R.T.: 5.578 min
Delta R.T.: -0.005 min
Response: 226767
Conc: 377.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



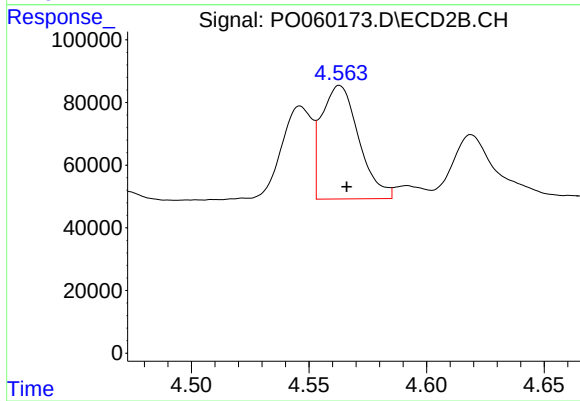
#15 AR-1232-5

R.T.: 4.983 min
Delta R.T.: -0.004 min
Response: 222420
Conc: 326.73 ng/ml



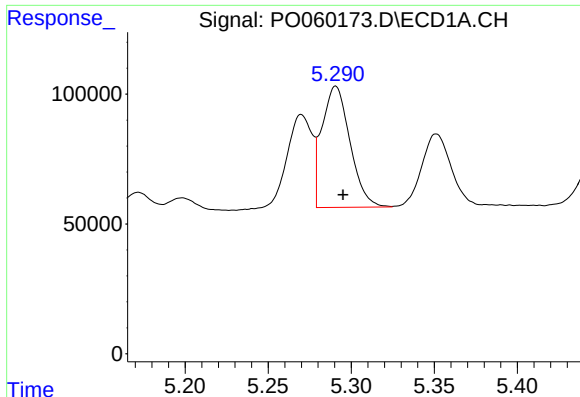
#16 AR-1242-1

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 550863
Conc: 433.92 ng/ml



#16 AR-1242-1

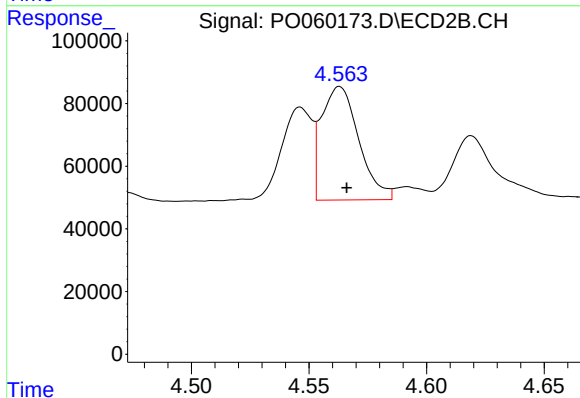
R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 400313
Conc: 389.16 ng/ml



#17 AR-1242-2

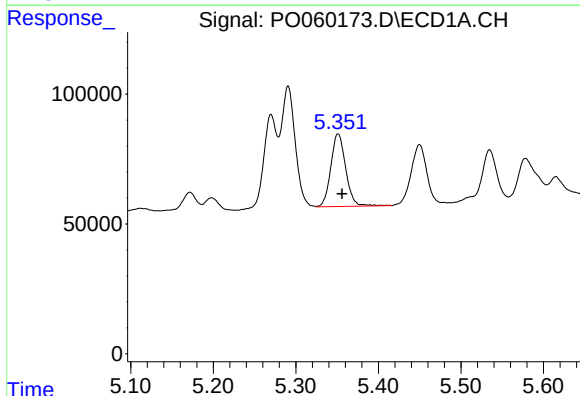
R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 550863
Conc: 296.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



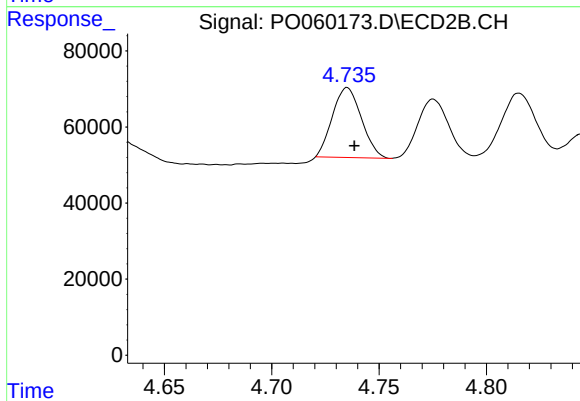
#17 AR-1242-2

R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 400313
Conc: 262.83 ng/ml



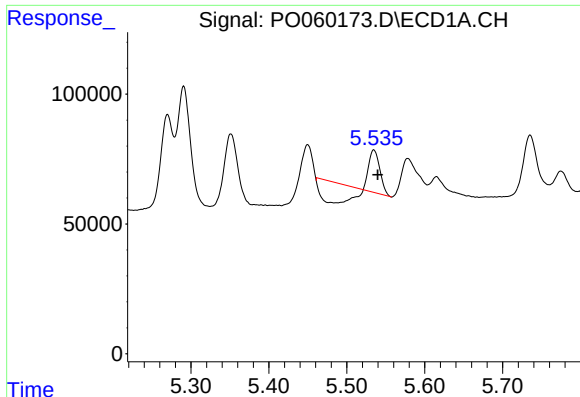
#18 AR-1242-3

R.T.: 5.351 min
Delta R.T.: -0.005 min
Response: 352231
Conc: 301.35 ng/ml



#18 AR-1242-3

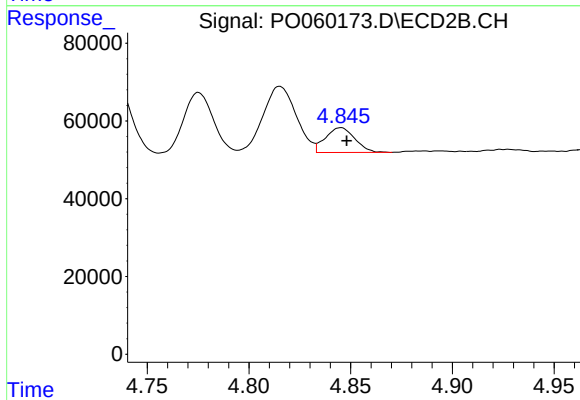
R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 172532
Conc: 206.50 ng/ml



#19 AR-1242-4

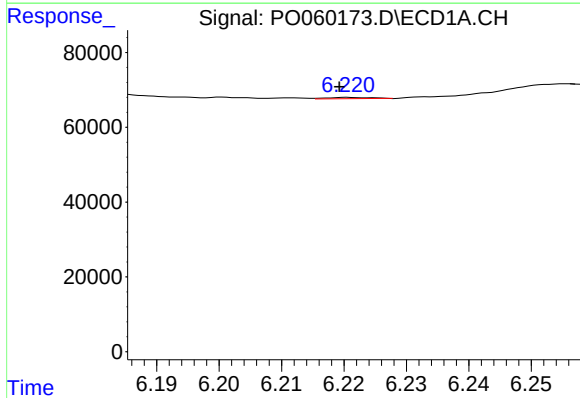
R.T.: 5.535 min
Delta R.T.: -0.005 min
Response: 1690
Conc: 1.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



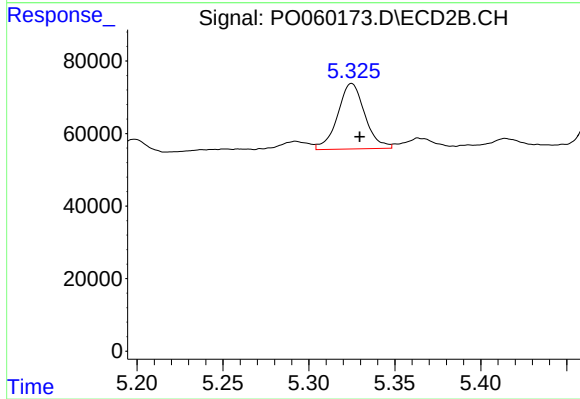
#19 AR-1242-4

R.T.: 4.845 min
Delta R.T.: -0.003 min
Response: 64254
Conc: 77.01 ng/ml



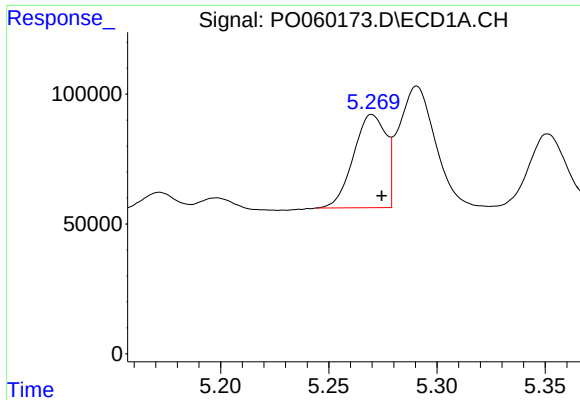
#20 AR-1242-5

R.T.: 6.221 min
Delta R.T.: 0.002 min
Response: 1592
Conc: 1.27 ng/ml



#20 AR-1242-5

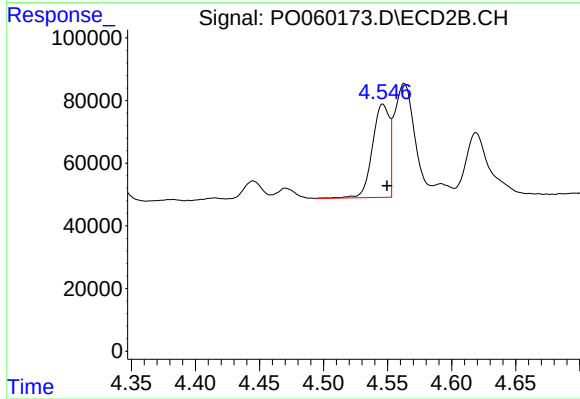
R.T.: 5.325 min
Delta R.T.: -0.005 min
Response: 199080
Conc: 177.97 ng/ml



#21 AR-1248-1

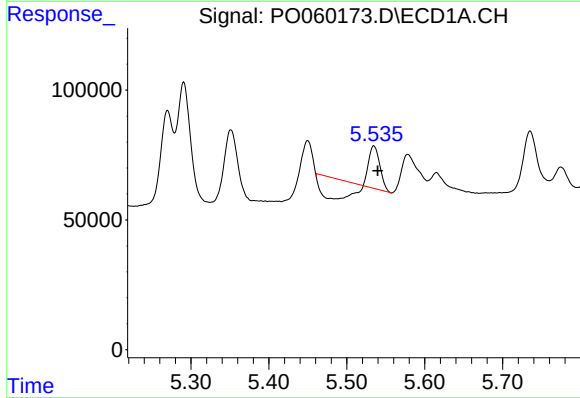
R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 375652
Conc: 374.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



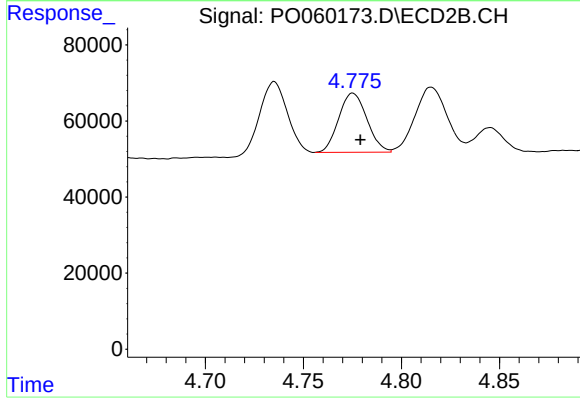
#21 AR-1248-1

R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 272522
Conc: 329.12 ng/ml



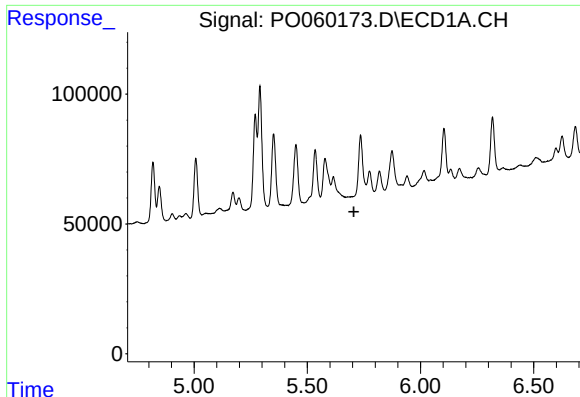
#22 AR-1248-2

R.T.: 5.535 min
Delta R.T.: -0.005 min
Response: 1690
Conc: 1.17 ng/ml



#22 AR-1248-2

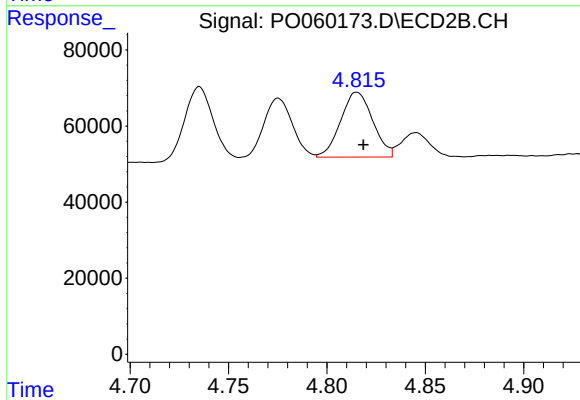
R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 155910
Conc: 135.21 ng/ml



#23 AR-1248-3

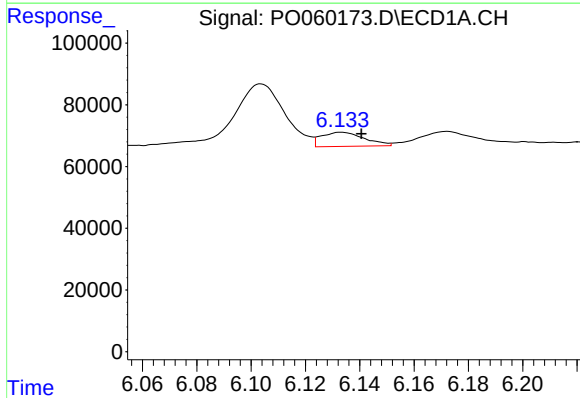
R.T.: 5.735 min
Delta R.T.: 0.030 min
Response: -173054
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB122661BS



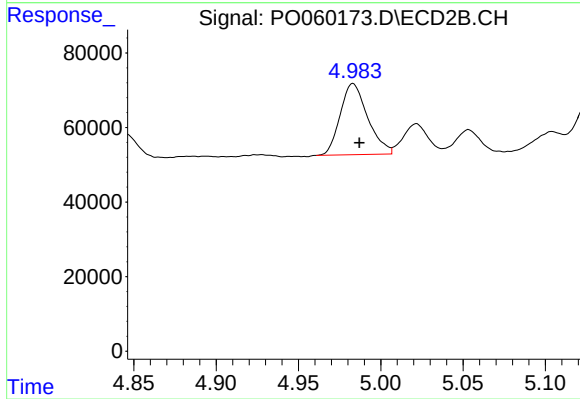
#23 AR-1248-3

R.T.: 4.815 min
Delta R.T.: -0.003 min
Response: 194166
Conc: 163.47 ng/ml



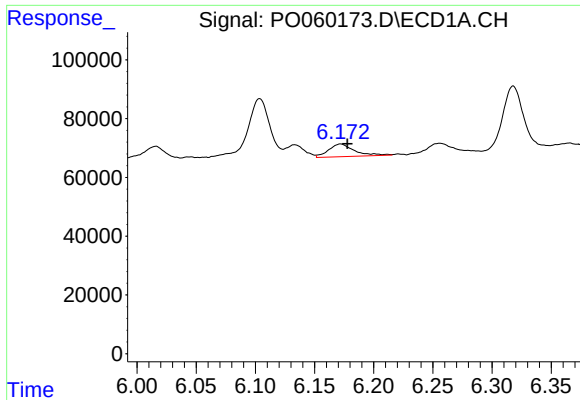
#24 AR-1248-4

R.T.: 6.133 min
Delta R.T.: -0.007 min
Response: 50342
Conc: 24.63 ng/ml



#24 AR-1248-4

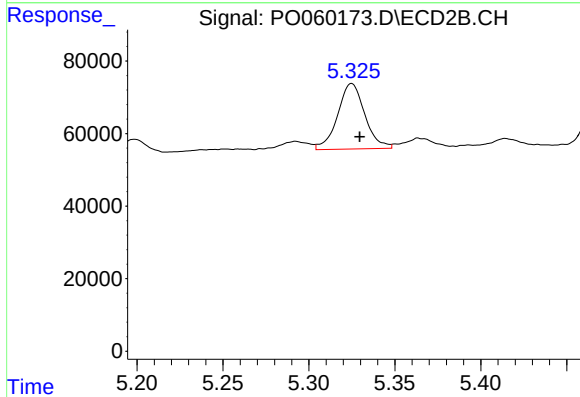
R.T.: 4.983 min
Delta R.T.: -0.004 min
Response: 222420
Conc: 153.07 ng/ml



#25 AR-1248-5

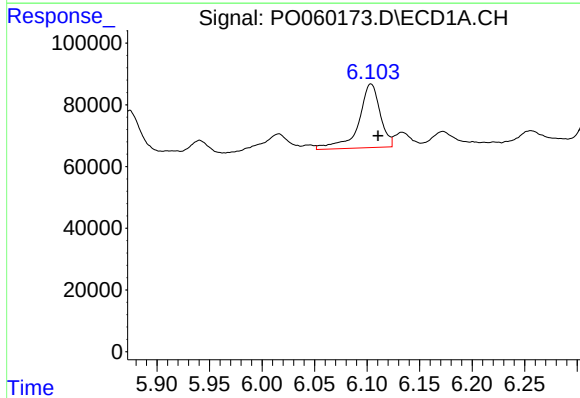
R.T.: 6.172 min
Delta R.T.: -0.006 min
Response: 66467
Conc: 33.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



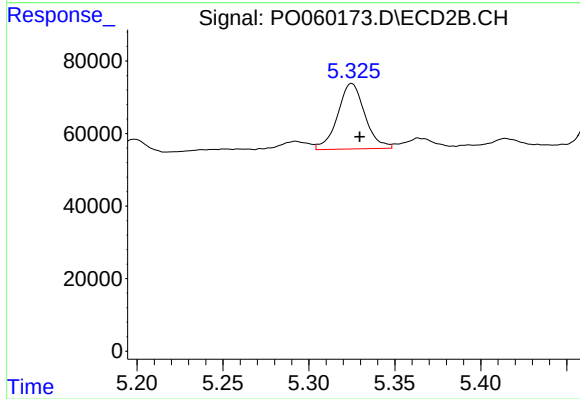
#25 AR-1248-5

R.T.: 5.325 min
Delta R.T.: -0.005 min
Response: 199080
Conc: 139.09 ng/ml



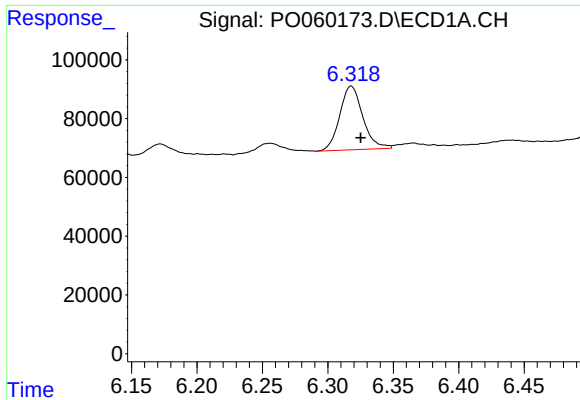
#26 AR-1254-1

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 294886
Conc: 141.34 ng/ml



#26 AR-1254-1

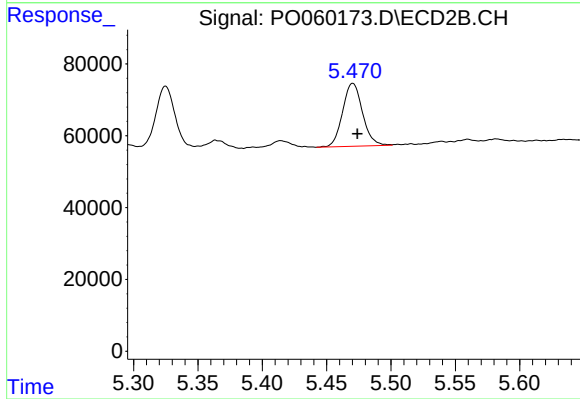
R.T.: 5.325 min
Delta R.T.: -0.005 min
Response: 199080
Conc: 83.94 ng/ml



#27 AR-1254-2

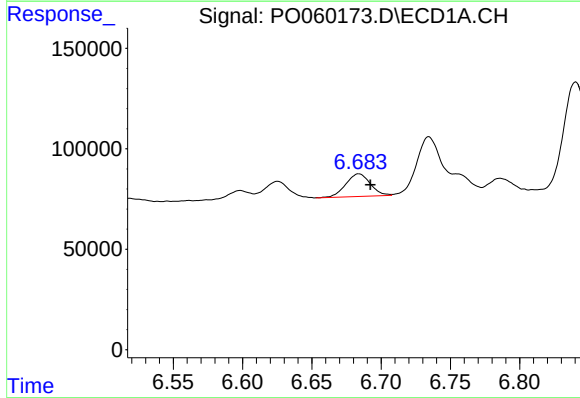
R.T.: 6.318 min
Delta R.T.: -0.007 min
Response: 265677
Conc: 79.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



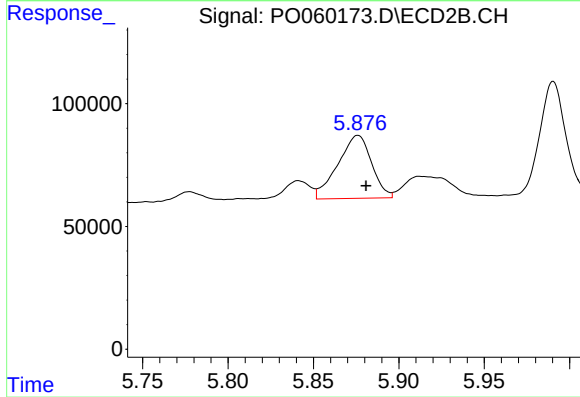
#27 AR-1254-2

R.T.: 5.470 min
Delta R.T.: -0.004 min
Response: 188883
Conc: 90.02 ng/ml



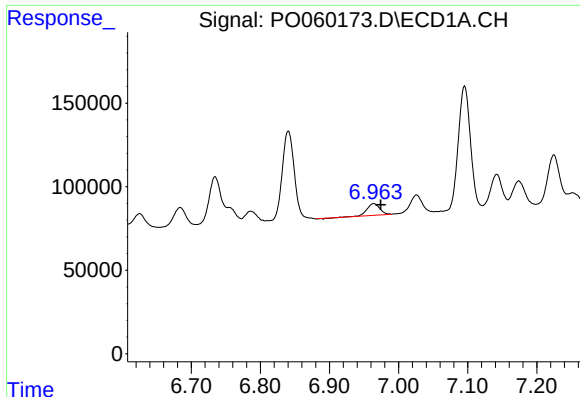
#28 AR-1254-3

R.T.: 6.684 min
Delta R.T.: -0.008 min
Response: 139064
Conc: 39.19 ng/ml



#28 AR-1254-3

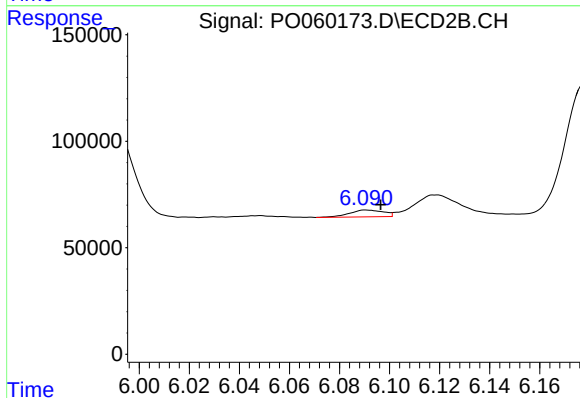
R.T.: 5.876 min
Delta R.T.: -0.005 min
Response: 352391
Conc: 104.80 ng/ml



#29 AR-1254-4

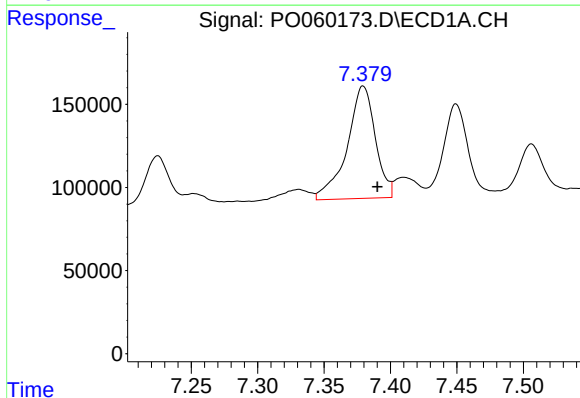
R.T.: 6.964 min
Delta R.T.: -0.010 min
Response: 90383
Conc: 30.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



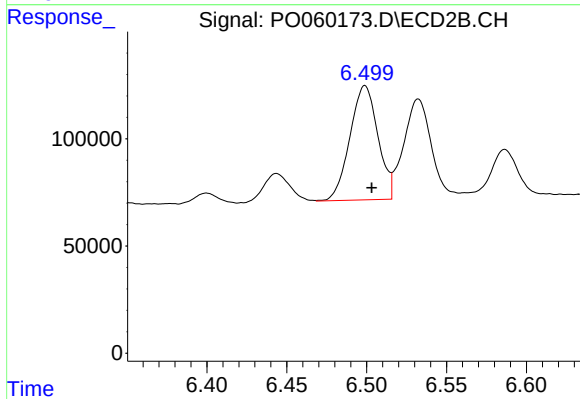
#29 AR-1254-4

R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 30221
Conc: 14.66 ng/ml



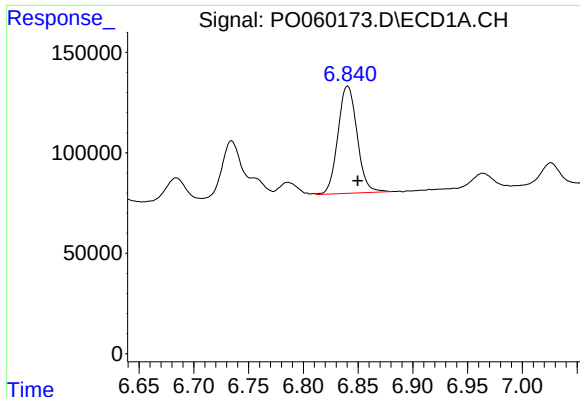
#30 AR-1254-5

R.T.: 7.379 min
Delta R.T.: -0.011 min
Response: 999578
Conc: 323.24 ng/ml



#30 AR-1254-5

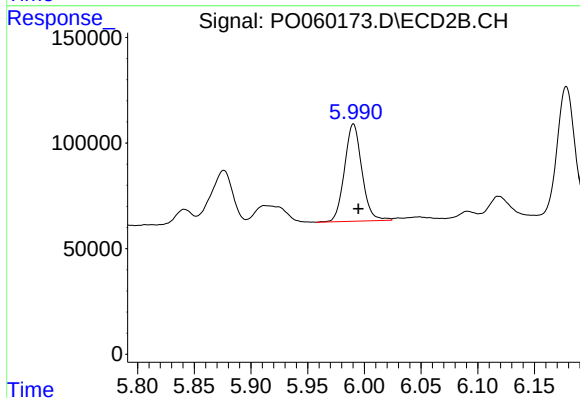
R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 649468
Conc: 209.17 ng/ml



#31 AR-1260-1

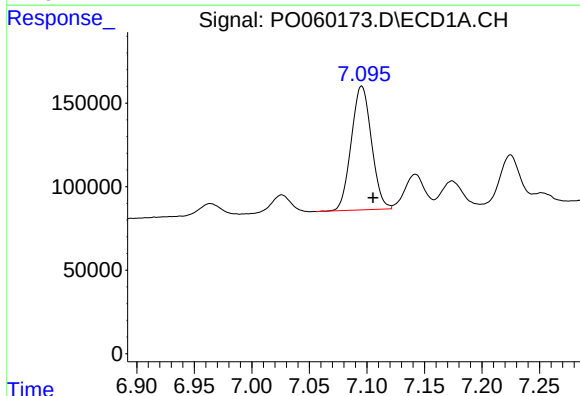
R.T.: 6.840 min
Delta R.T.: -0.009 min
Response: 651252
Conc: 241.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



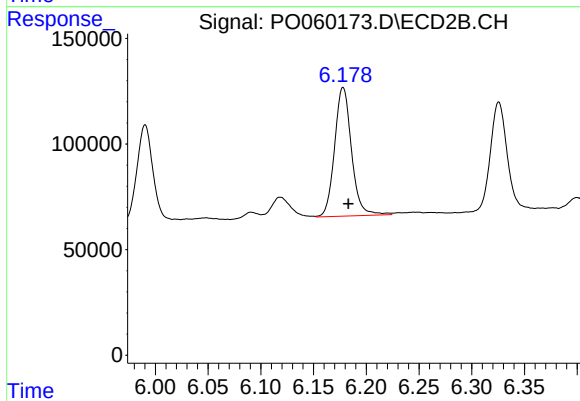
#31 AR-1260-1

R.T.: 5.990 min
Delta R.T.: -0.004 min
Response: 491058
Conc: 215.48 ng/ml



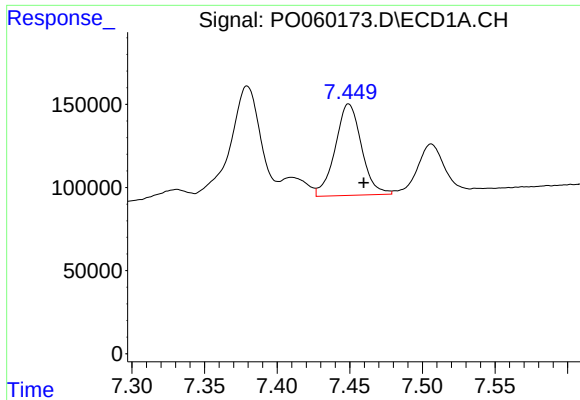
#32 AR-1260-2

R.T.: 7.096 min
Delta R.T.: -0.010 min
Response: 910807
Conc: 245.47 ng/ml



#32 AR-1260-2

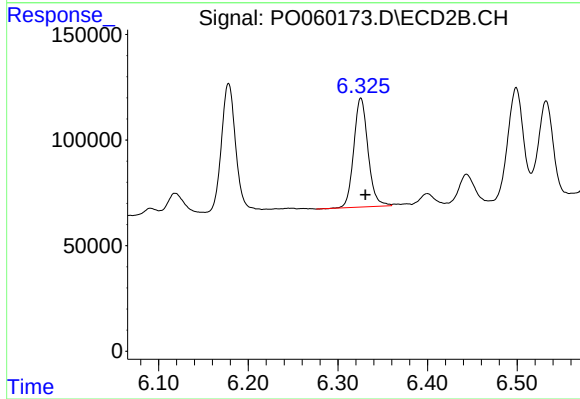
R.T.: 6.178 min
Delta R.T.: -0.005 min
Response: 680525
Conc: 232.27 ng/ml



#33 AR-1260-3

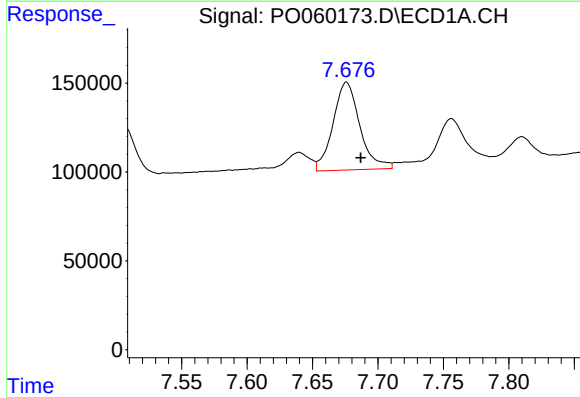
R.T.: 7.449 min
Delta R.T.: -0.010 min
Response: 693136
Conc: 211.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



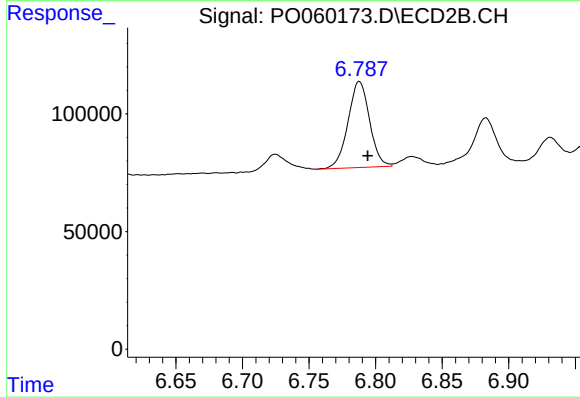
#33 AR-1260-3

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 569955
Conc: 215.15 ng/ml



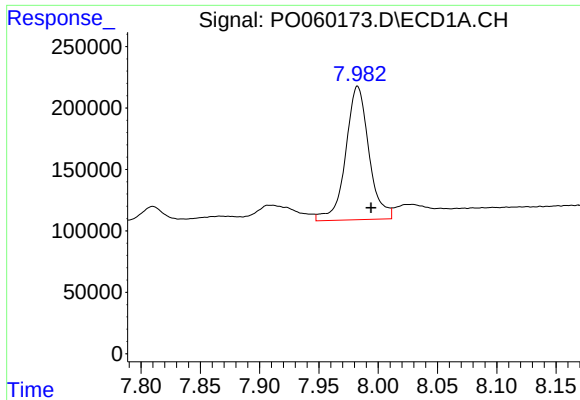
#34 AR-1260-4

R.T.: 7.676 min
Delta R.T.: -0.011 min
Response: 705462
Conc: 229.69 ng/ml



#34 AR-1260-4

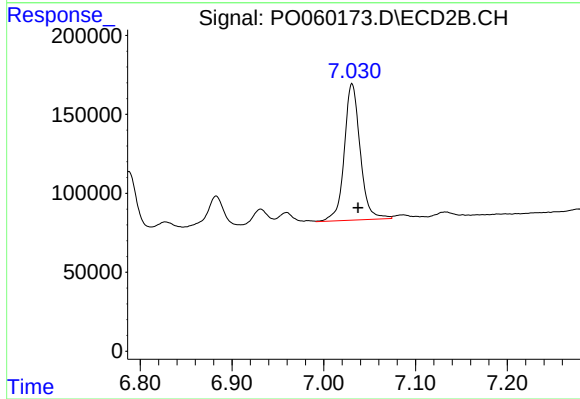
R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 412092
Conc: 182.13 ng/ml



#35 AR-1260-5

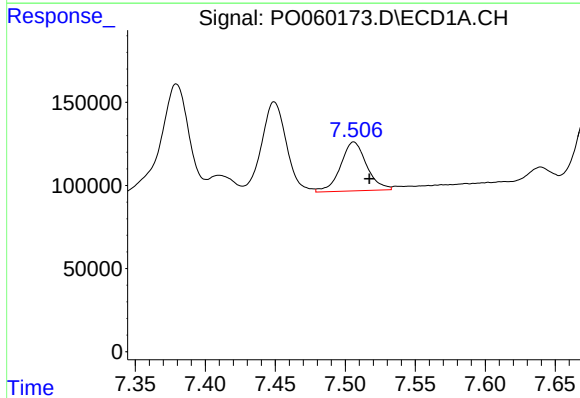
R.T.: 7.983 min
Delta R.T.: -0.011 min
Response: 1482407
Conc: 209.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



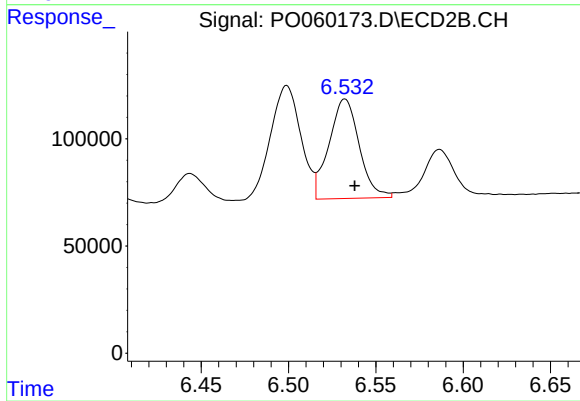
#35 AR-1260-5

R.T.: 7.031 min
Delta R.T.: -0.006 min
Response: 1042104
Conc: 189.36 ng/ml



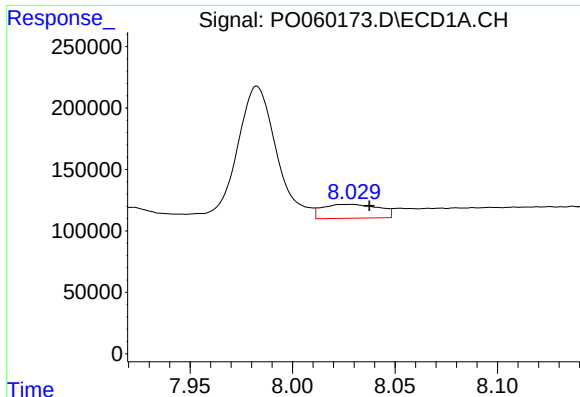
#36 AR-1262-1

R.T.: 7.506 min
Delta R.T.: -0.011 min
Response: 382022
Conc: 78.72 ng/ml



#36 AR-1262-1

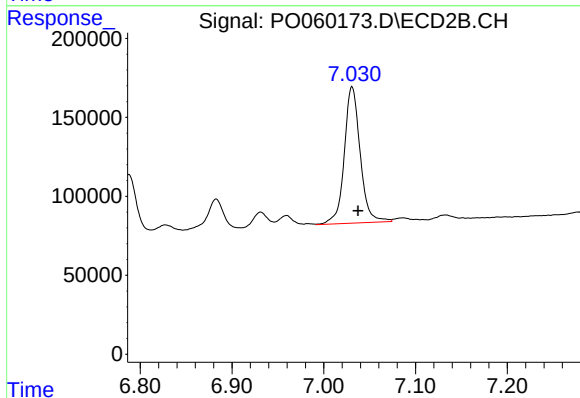
R.T.: 6.532 min
Delta R.T.: -0.006 min
Response: 559594
Conc: 150.12 ng/ml



#37 AR-1262-2

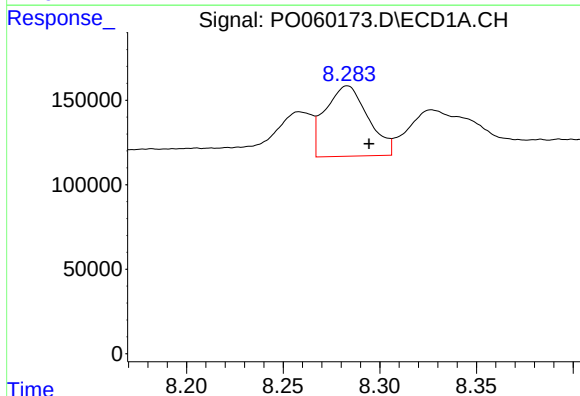
R.T.: 8.028 min
Delta R.T.: -0.009 min
Response: 216247
Conc: 28.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



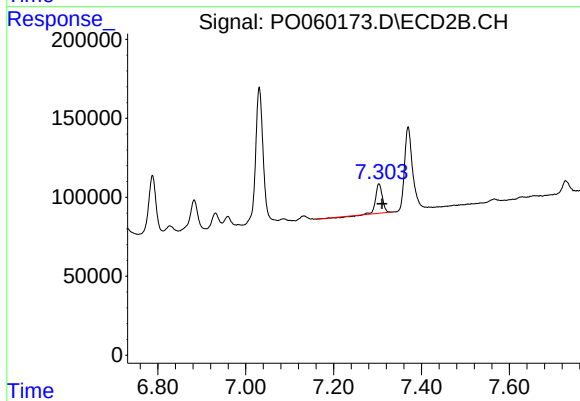
#37 AR-1262-2

R.T.: 7.031 min
Delta R.T.: -0.006 min
Response: 1042104
Conc: 177.26 ng/ml



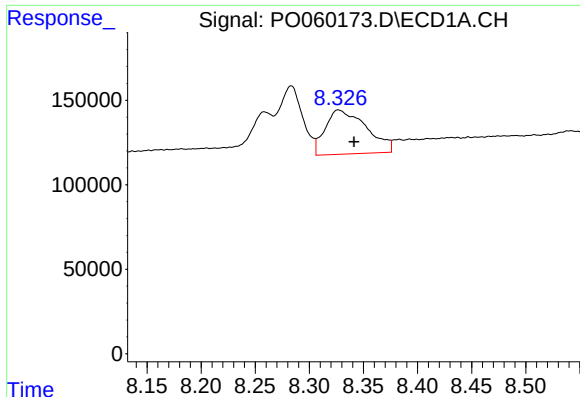
#38 AR-1262-3

R.T.: 8.283 min
Delta R.T.: -0.011 min
Response: 641728
Conc: 125.77 ng/ml



#38 AR-1262-3

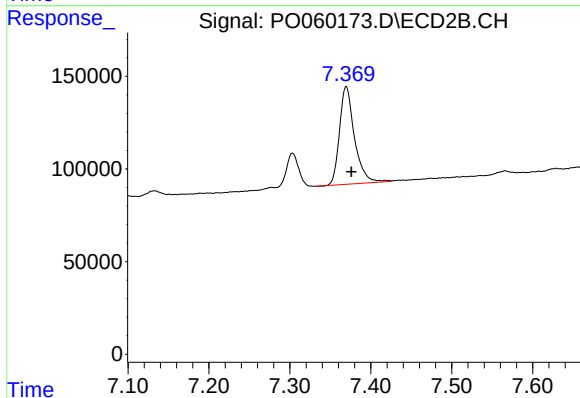
R.T.: 7.303 min
Delta R.T.: -0.007 min
Response: 190264
Conc: 74.88 ng/ml



#39 AR-1262-4

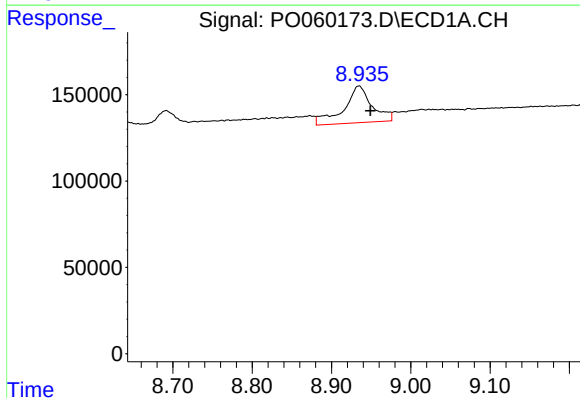
R.T.: 8.327 min
Delta R.T.: -0.014 min
Response: 694450
Conc: 180.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



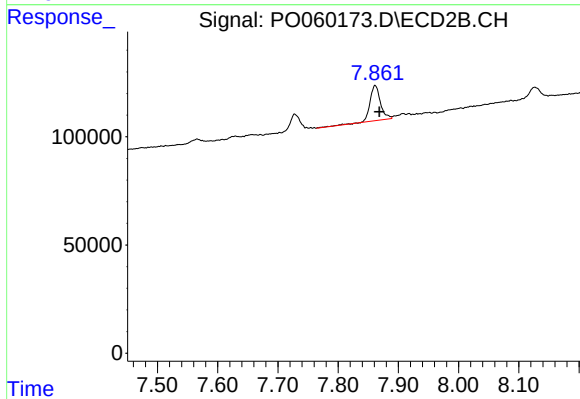
#39 AR-1262-4

R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 677939
Conc: 153.42 ng/ml



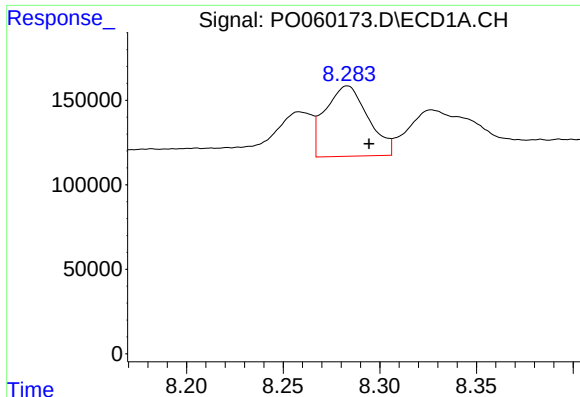
#40 AR-1262-5

R.T.: 8.935 min
Delta R.T.: -0.015 min
Response: 525803
Conc: 204.87 ng/ml



#40 AR-1262-5

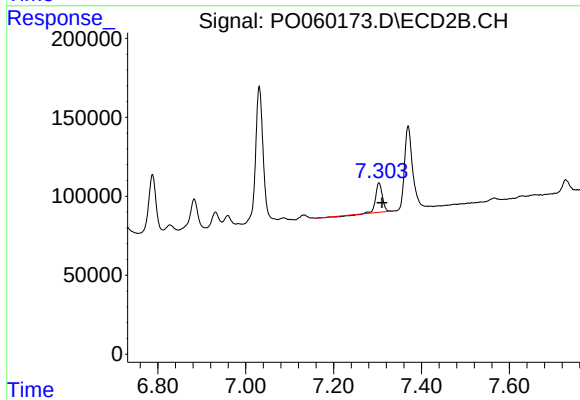
R.T.: 7.861 min
Delta R.T.: -0.007 min
Response: 196412
Conc: 108.78 ng/ml



#41 AR-1268-1

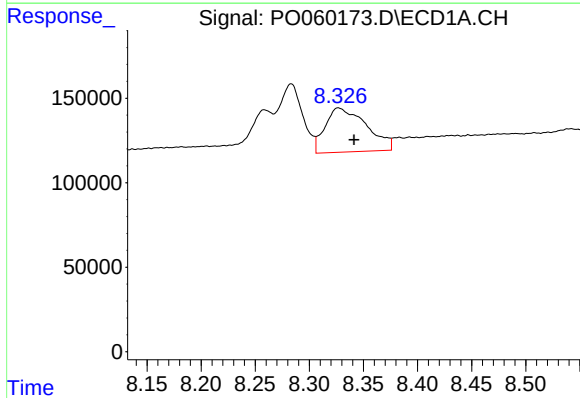
R.T.: 8.283 min
Delta R.T.: -0.011 min
Response: 641728
Conc: 68.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



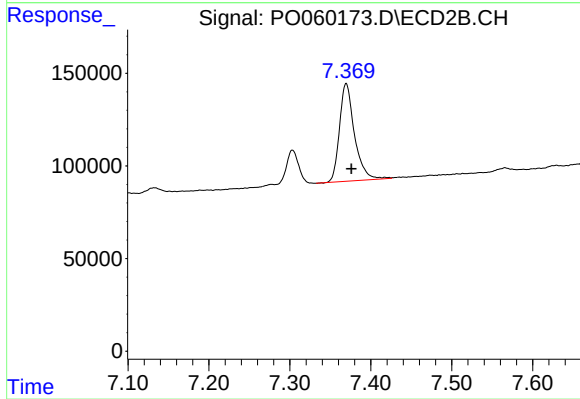
#41 AR-1268-1

R.T.: 7.303 min
Delta R.T.: -0.007 min
Response: 190264
Conc: 26.72 ng/ml



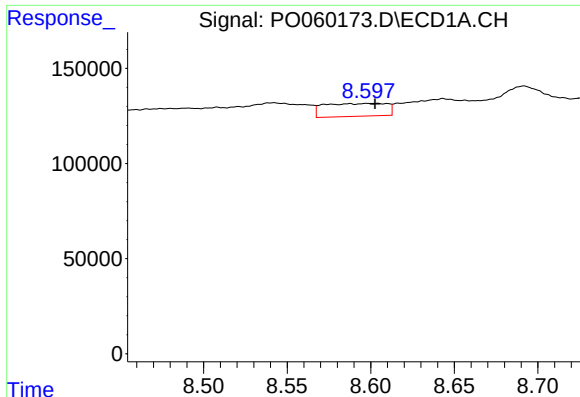
#42 AR-1268-2

R.T.: 8.327 min
Delta R.T.: -0.014 min
Response: 694450
Conc: 88.10 ng/ml



#42 AR-1268-2

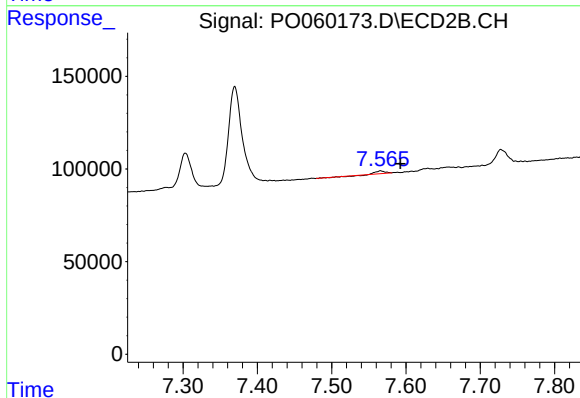
R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 677939
Conc: 105.14 ng/ml



#43 AR-1268-3

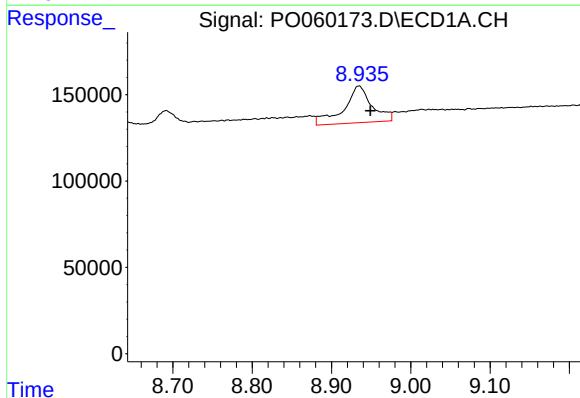
R.T.: 8.604 min
Delta R.T.: 0.002 min
Response: 175158
Conc: 24.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



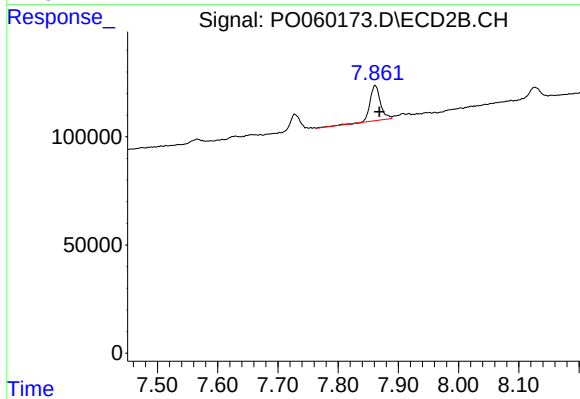
#43 AR-1268-3

R.T.: 7.566 min
Delta R.T.: -0.027 min
Response: 9253
Conc: 1.69 ng/ml



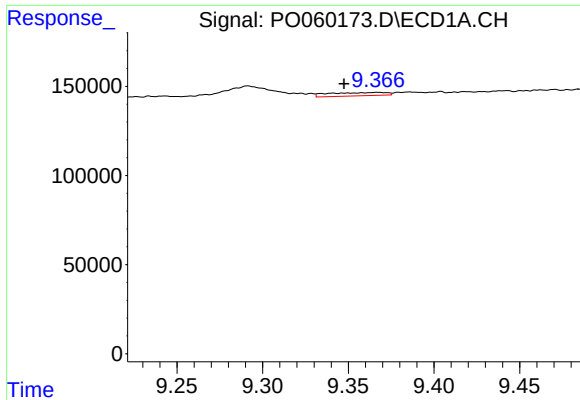
#44 AR-1268-4

R.T.: 8.935 min
Delta R.T.: -0.015 min
Response: 525803
Conc: 189.13 ng/ml



#44 AR-1268-4

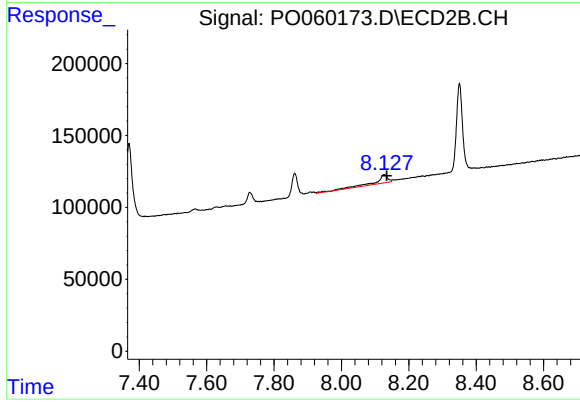
R.T.: 7.861 min
Delta R.T.: -0.007 min
Response: 196412
Conc: 96.22 ng/ml



#45 AR-1268-5

R.T.: 9.367 min
Delta R.T.: 0.020 min
Response: 43410
Conc: 2.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122661BS



#45 AR-1268-5

R.T.: 8.127 min
Delta R.T.: -0.008 min
Response: 148758
Conc: 10.24 ng/ml