

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082321\
 Data File : PP038799.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2021 20:42
 Operator : AJ\MA
 Sample : M3489-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 2-GROWS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 07:37:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 18 04:51:26 2021
 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...	4.881	3.867	831211	525274	20.596	21.919
2)	SA Decachlor...	10.869	9.127	614606	585965	24.980	24.059
Target Compounds							
3)	L1 AR-1016-1	6.205	5.111	73436	29372	56.592	33.697 #
4)	L1 AR-1016-2	6.226	5.133	113951	71617	61.662	57.586
5)	L1 AR-1016-3	6.288	5.319	63238	37461	55.347	55.013
6)	L1 AR-1016-4	0.000	5.373	0	25422	N.D.	48.544 #
7)	L1 AR-1016-5	6.709	5.600	41037	35036	48.411	52.824
8)	L2 AR-1221-1	5.133	0.000	53679	0	114.783	N.D. #
9)	L2 AR-1221-2	5.234	0.000	10577	0	29.857	N.D. #
10)	L2 AR-1221-3	5.331	4.309	50558	24382	47.473	36.110
11)	L3 AR-1232-1	5.331	4.309	50558	24382	51.119	39.255
12)	L3 AR-1232-2	5.905	5.133	25984	71617	55.802	125.477 #
13)	L3 AR-1232-3	6.226	5.319	113951	37461	133.469	128.152
14)	L3 AR-1232-4	0.000	5.420	0	60418	N.D.	244.195 #
15)	L3 AR-1232-5	6.491	5.600	54185	35036	201.647	129.586 #
16)	L4 AR-1242-1	6.205	5.111	73436	29372	73.726	42.541 #
17)	L4 AR-1242-2	6.226	5.133	113951	71617	79.298	73.365
18)	L4 AR-1242-3	6.288	5.319	63238	37461	70.637	71.238
19)	L4 AR-1242-4	0.000	5.420	0	60418	N.D.	126.397 #
20)	L4 AR-1242-5	7.180	5.979	119287	163363	166.844	263.893 #
21)	L5 AR-1248-1	6.205	5.111	73436	29372	92.163	53.902 #
22)	L5 AR-1248-2	6.491	5.373	54185	25422	55.266	34.205 #
23)	L5 AR-1248-3	6.709	5.420	41037	60418	35.551	79.565 #
24)	L5 AR-1248-4	7.139	5.600	129726	35036	105.053	37.878 #
25)	L5 AR-1248-5	7.180	6.021	119287	38471	97.562	42.608 #
26)	L6 AR-1254-1	7.114	5.979	329981	163363	289.198	124.392 #
27)	L6 AR-1254-2	7.343	6.139	241949	87655	140.110	76.369 #
28)	L6 AR-1254-3	7.723	6.556	141454	65472	78.799	35.186 #
29)	L6 AR-1254-4	8.016	6.796	80050	41466	62.039	35.483 #
30)	L6 AR-1254-5	8.446	7.222	381114	426217	308.143	263.697
31)	L7 AR-1260-1	7.887	6.693	303267	257264	253.399	219.848
32)	L7 AR-1260-2	8.153	6.892	398749	365718	271.778	256.921
33)	L7 AR-1260-3	8.519	7.043	220737	292872	230.055	203.644
34)	L7 AR-1260-4	8.751	7.525	269678	245531	237.155	218.628
35)	L7 AR-1260-5	9.074	7.776	548703	606670	244.521	223.972
36)	L8 AR-1262-1	8.519	7.222	220737	426217	148.490	471.542 #
37)	L8 AR-1262-2	9.074	7.776	548703	606670	206.093	196.360
38)	L8 AR-1262-3	9.382	8.060	104408	123075	87.629	97.959
39)	L8 AR-1262-4	9.455f	8.122	251602	442071	312.302	187.050 #
40)	L8 AR-1262-5	10.133	8.622	168973	159278	158.522	140.085
41)	L9 AR-1268-1	9.382	8.060	104408	123075	32.551	33.704
42)	L9 AR-1268-2	9.455f	8.122	251602	442071	81.666	128.145 #

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 Acq On : 23 Aug 2021 20:42
 Operator : AJ\MA
 Sample : M3489-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

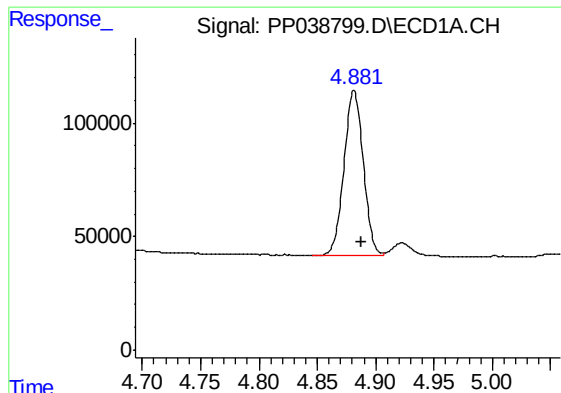
Instrument :
 ECD_P
 ClientSampleId :
 2-GROWS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 07:37:56 2021
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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
43) L9	AR-1268-3	9.695	8.329	18732	15238	7.046	5.234 #
44) L9	AR-1268-4	10.133	8.622	168973	159278	138.700	125.939
45) L9	AR-1268-5	10.540	8.895	54631	68746	5.734	7.074

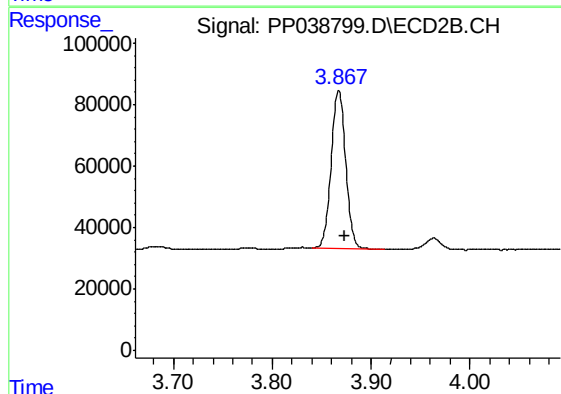
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

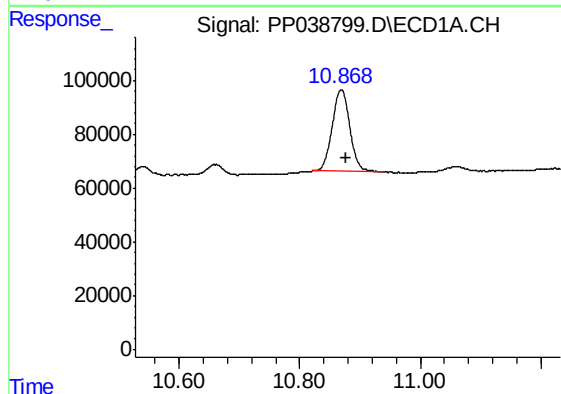
R.T.: 4.881 min
Delta R.T.: -0.007 min
Response: 831211
Conc: 20.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



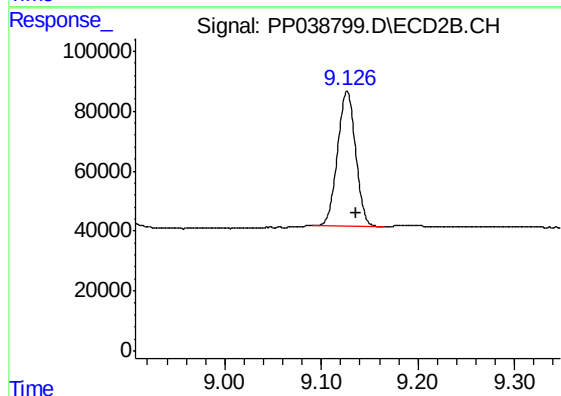
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: -0.007 min
Response: 525274
Conc: 21.92 ng/ml



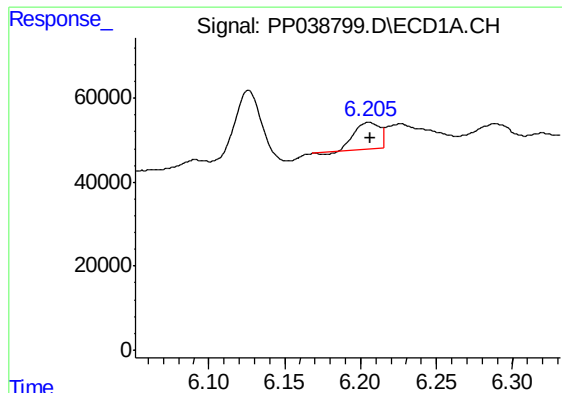
#2 Decachlorobiphenyl

R.T.: 10.869 min
Delta R.T.: -0.008 min
Response: 614606
Conc: 24.98 ng/ml



#2 Decachlorobiphenyl

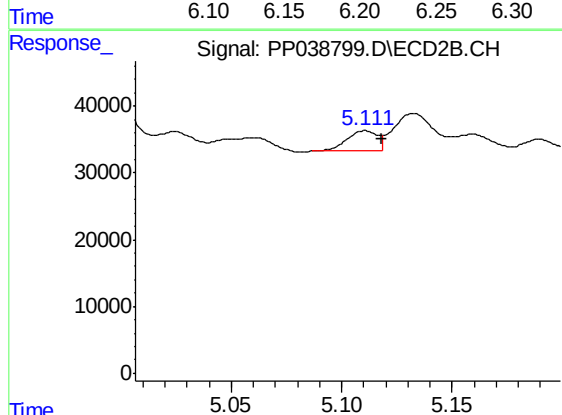
R.T.: 9.127 min
Delta R.T.: -0.009 min
Response: 585965
Conc: 24.06 ng/ml



#3 AR-1016-1

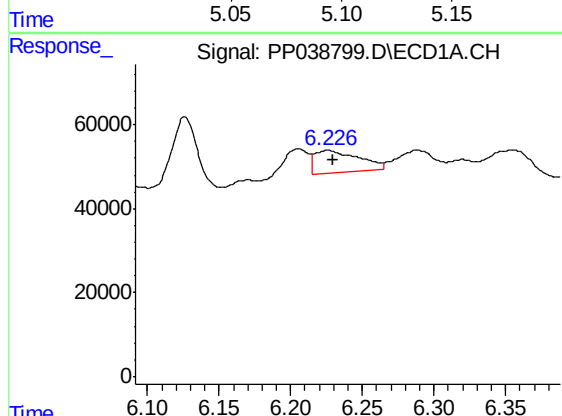
R.T.: 6.205 min
Delta R.T.: -0.001 min
Response: 73436
Conc: 56.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



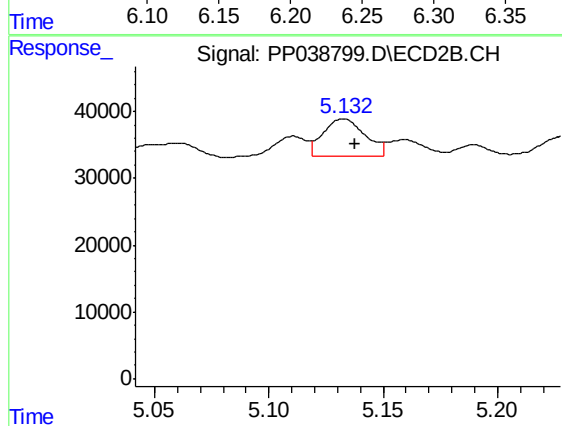
#3 AR-1016-1

R.T.: 5.111 min
Delta R.T.: -0.007 min
Response: 29372
Conc: 33.70 ng/ml



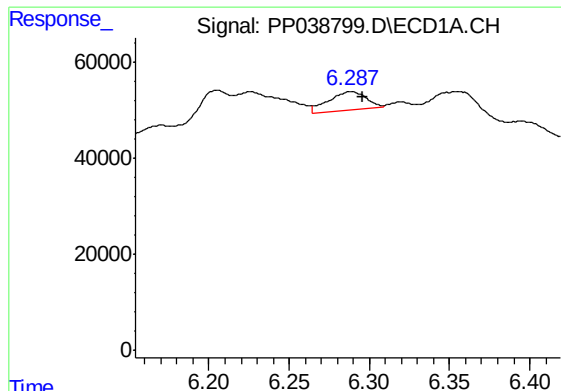
#4 AR-1016-2

R.T.: 6.226 min
Delta R.T.: -0.004 min
Response: 113951
Conc: 61.66 ng/ml



#4 AR-1016-2

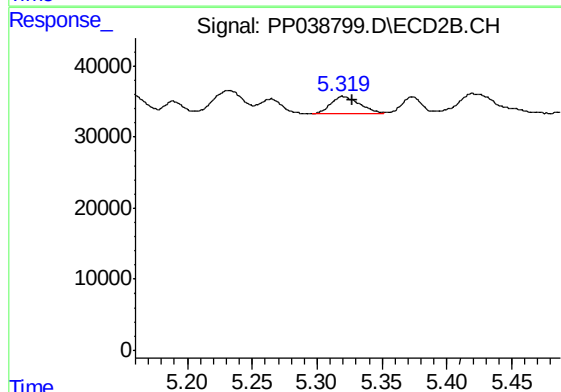
R.T.: 5.133 min
Delta R.T.: -0.005 min
Response: 71617
Conc: 57.59 ng/ml



#5 AR-1016-3

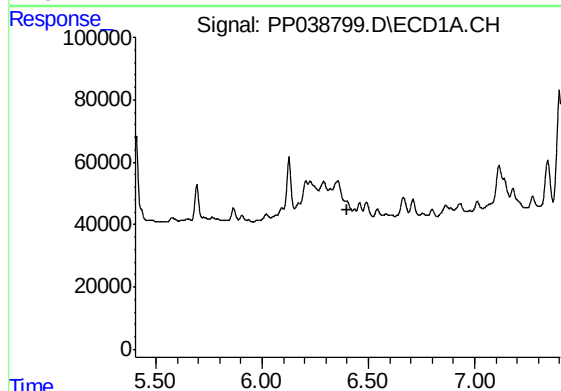
R.T.: 6.288 min
Delta R.T.: -0.008 min
Response: 63238
Conc: 55.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



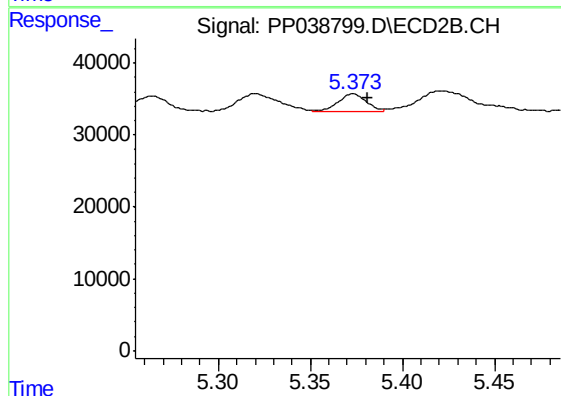
#5 AR-1016-3

R.T.: 5.319 min
Delta R.T.: -0.008 min
Response: 37461
Conc: 55.01 ng/ml



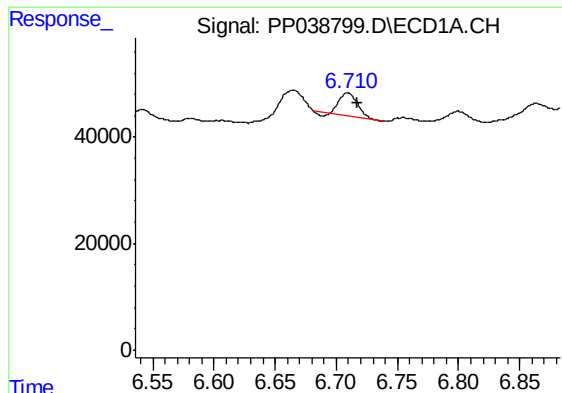
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.403 min
Response: 0
Conc: N.D.



#6 AR-1016-4

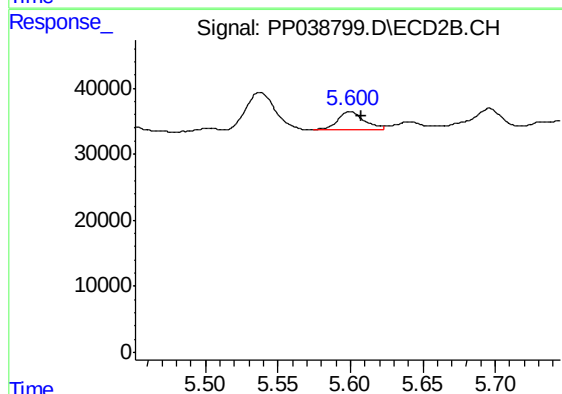
R.T.: 5.373 min
Delta R.T.: -0.008 min
Response: 25422
Conc: 48.54 ng/ml



#7 AR-1016-5

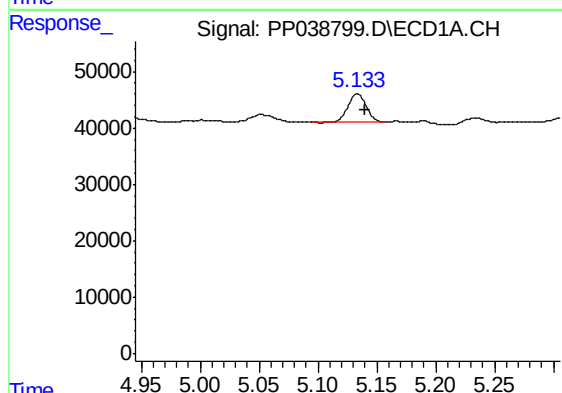
R.T.: 6.709 min
Delta R.T.: -0.008 min
Response: 41037
Conc: 48.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



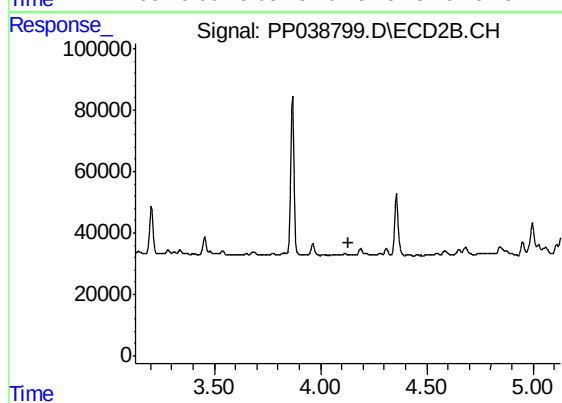
#7 AR-1016-5

R.T.: 5.600 min
Delta R.T.: -0.007 min
Response: 35036
Conc: 52.82 ng/ml



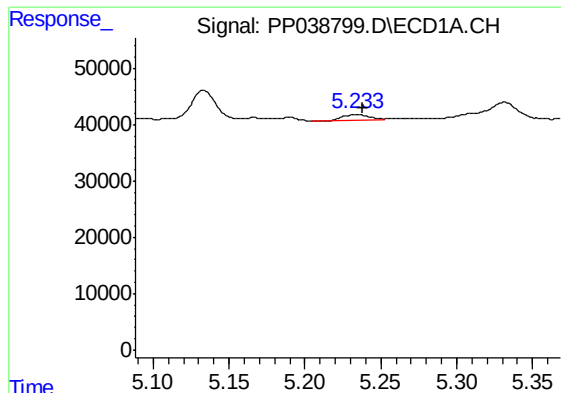
#8 AR-1221-1

R.T.: 5.133 min
Delta R.T.: -0.007 min
Response: 53679
Conc: 114.78 ng/ml



#8 AR-1221-1

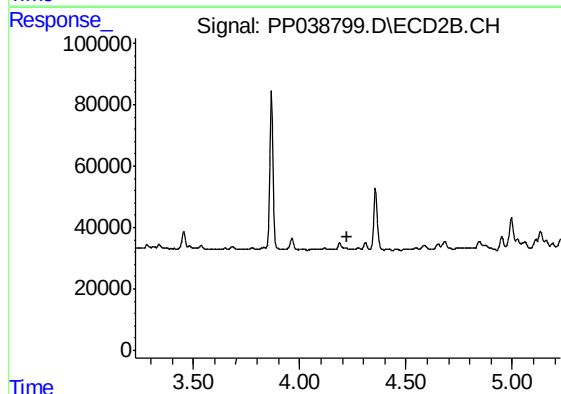
R.T.: 0.000 min
Exp R.T. : 4.129 min
Response: 0
Conc: N.D.



#9 AR-1221-2

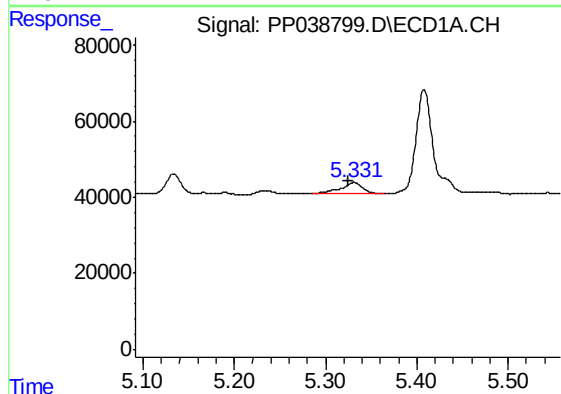
R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 10577
Conc: 29.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



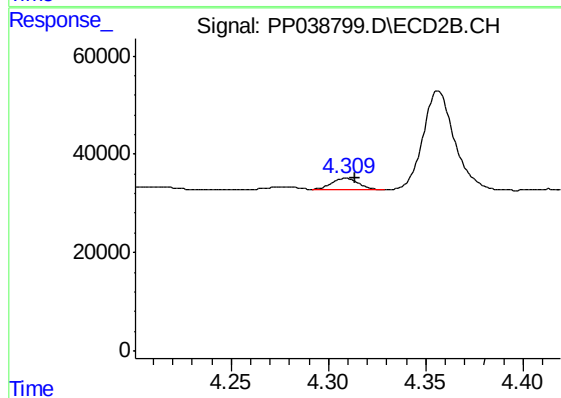
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.227 min
Response: 0
Conc: N.D.



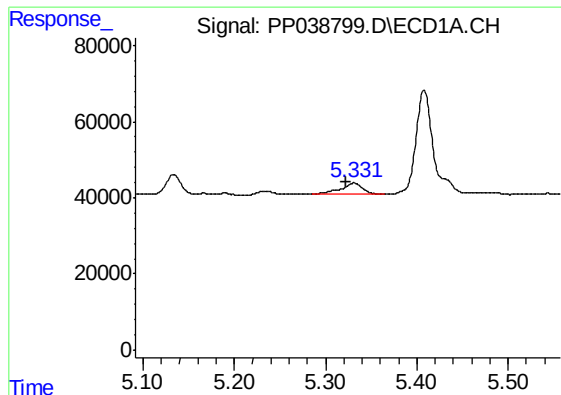
#10 AR-1221-3

R.T.: 5.331 min
Delta R.T.: 0.007 min
Response: 50558
Conc: 47.47 ng/ml



#10 AR-1221-3

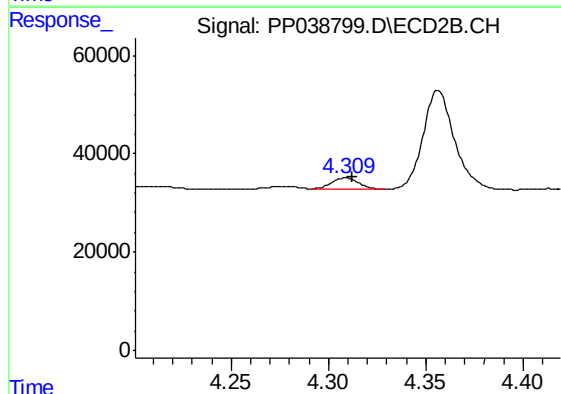
R.T.: 4.309 min
Delta R.T.: -0.005 min
Response: 24382
Conc: 36.11 ng/ml



#11 AR-1232-1

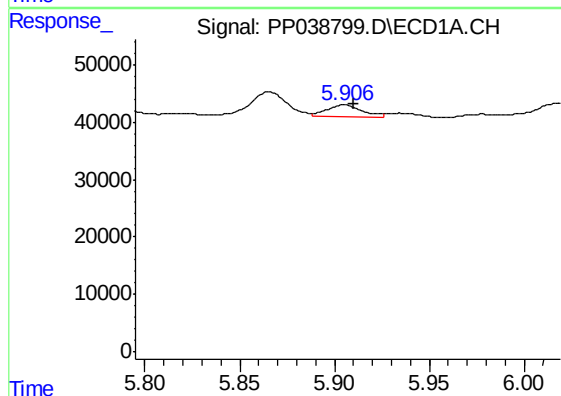
R.T.: 5.331 min
Delta R.T.: 0.009 min
Response: 50558
Conc: 51.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



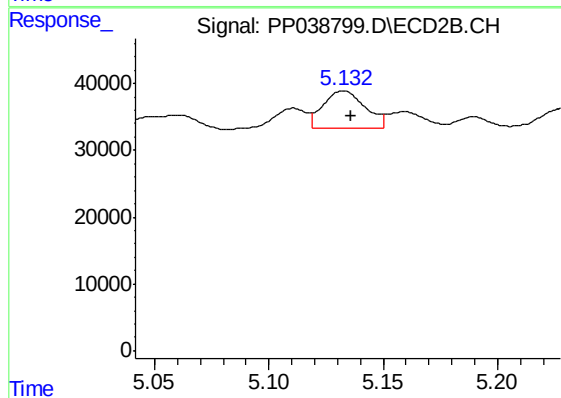
#11 AR-1232-1

R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 24382
Conc: 39.25 ng/ml



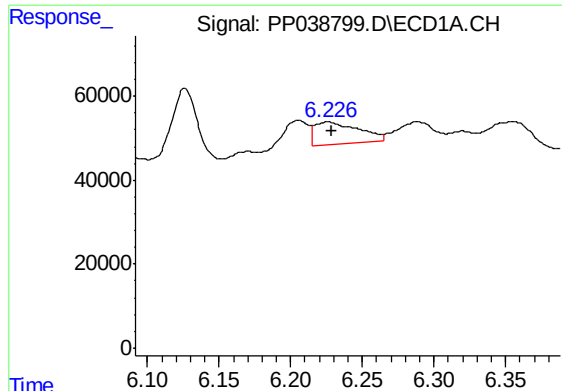
#12 AR-1232-2

R.T.: 5.905 min
Delta R.T.: -0.005 min
Response: 25984
Conc: 55.80 ng/ml



#12 AR-1232-2

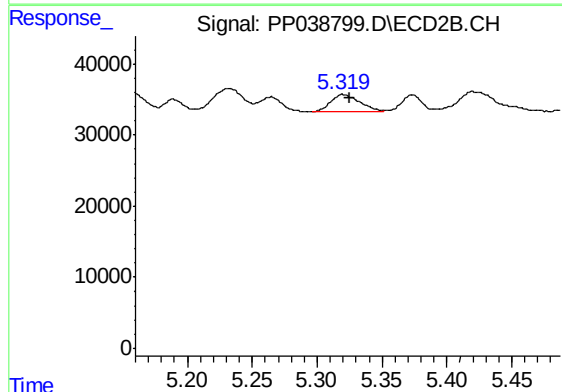
R.T.: 5.133 min
Delta R.T.: -0.003 min
Response: 71617
Conc: 125.48 ng/ml



#13 AR-1232-3

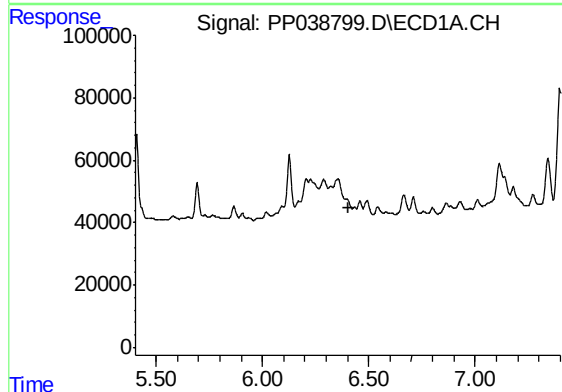
R.T.: 6.226 min
Delta R.T.: -0.003 min
Response: 113951
Conc: 133.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



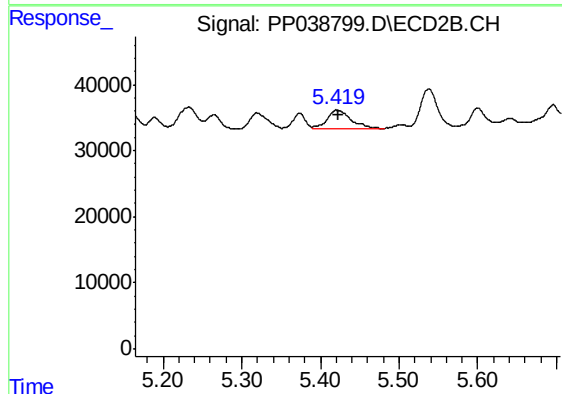
#13 AR-1232-3

R.T.: 5.319 min
Delta R.T.: -0.006 min
Response: 37461
Conc: 128.15 ng/ml



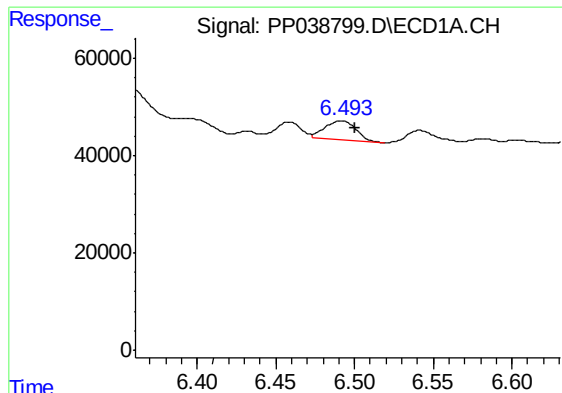
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.402 min
Response: 0
Conc: N.D.



#14 AR-1232-4

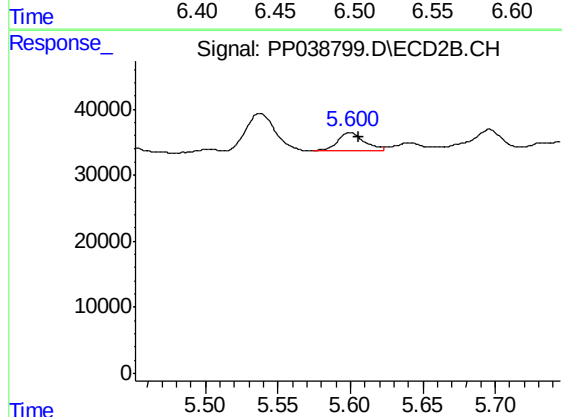
R.T.: 5.420 min
Delta R.T.: -0.004 min
Response: 60418
Conc: 244.19 ng/ml



#15 AR-1232-5

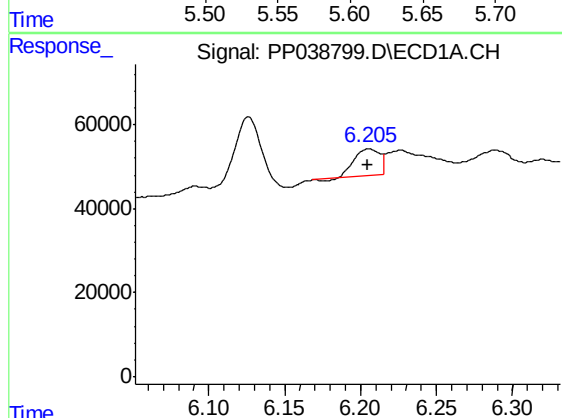
R.T.: 6.491 min
Delta R.T.: -0.008 min
Response: 54185
Conc: 201.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



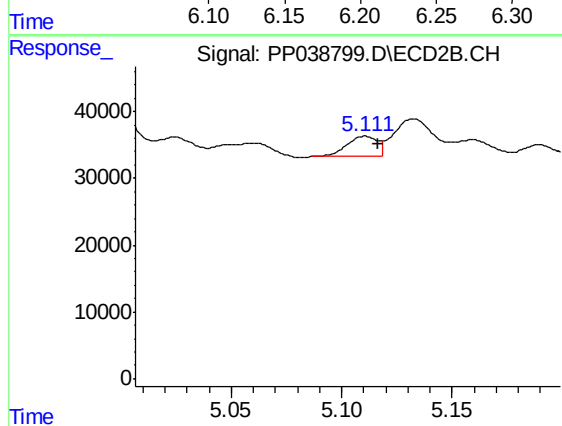
#15 AR-1232-5

R.T.: 5.600 min
Delta R.T.: -0.005 min
Response: 35036
Conc: 129.59 ng/ml



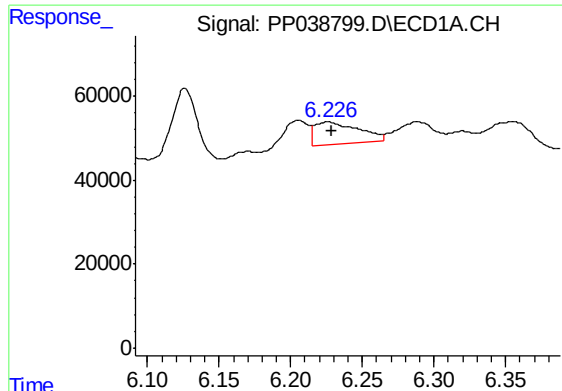
#16 AR-1242-1

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 73436
Conc: 73.73 ng/ml



#16 AR-1242-1

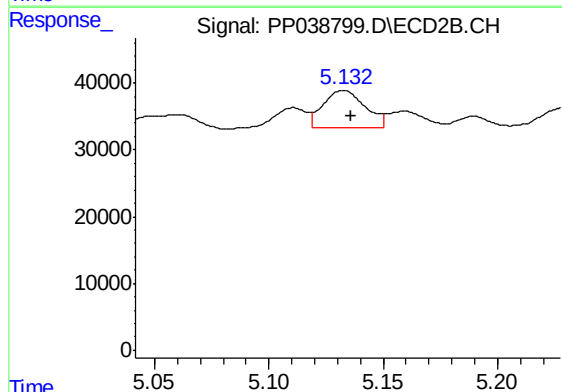
R.T.: 5.111 min
Delta R.T.: -0.006 min
Response: 29372
Conc: 42.54 ng/ml



#17 AR-1242-2

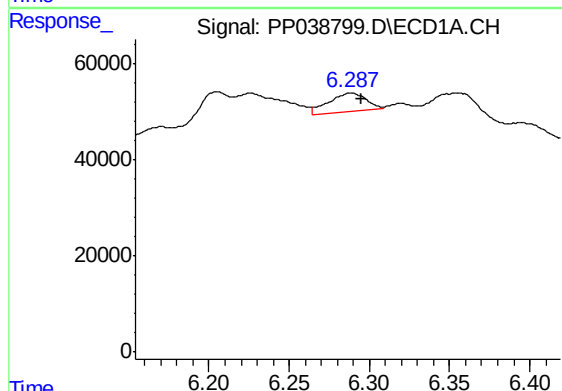
R.T.: 6.226 min
Delta R.T.: -0.003 min
Response: 113951
Conc: 79.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



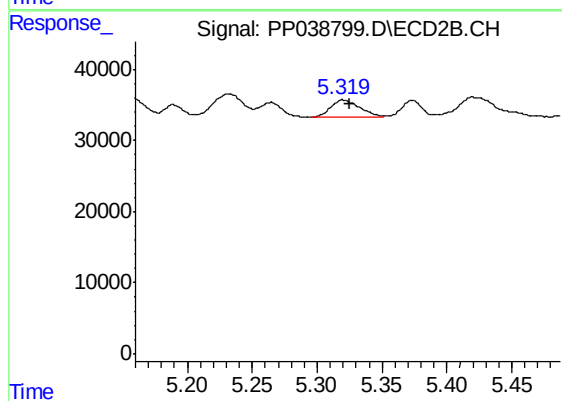
#17 AR-1242-2

R.T.: 5.133 min
Delta R.T.: -0.003 min
Response: 71617
Conc: 73.36 ng/ml



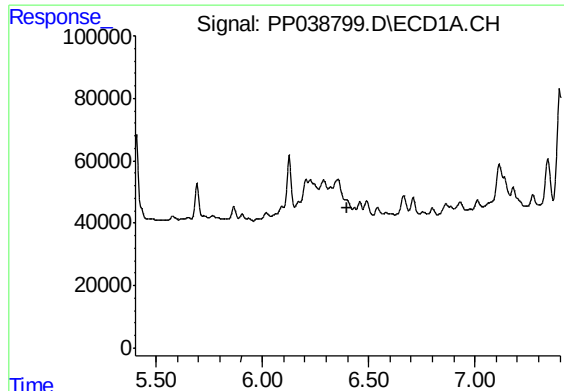
#18 AR-1242-3

R.T.: 6.288 min
Delta R.T.: -0.006 min
Response: 63238
Conc: 70.64 ng/ml



#18 AR-1242-3

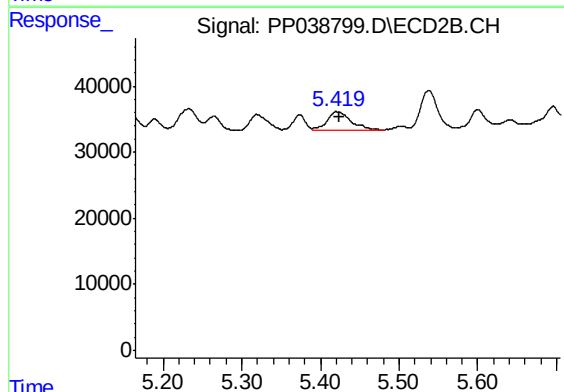
R.T.: 5.319 min
Delta R.T.: -0.006 min
Response: 37461
Conc: 71.24 ng/ml



#19 AR-1242-4

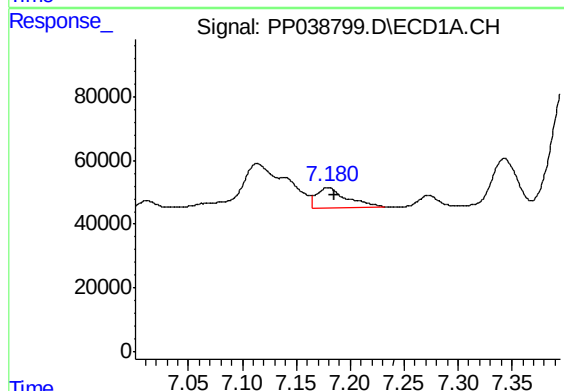
R.T.: 0.000 min
Exp R.T.: 6.403 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
2-GROWS



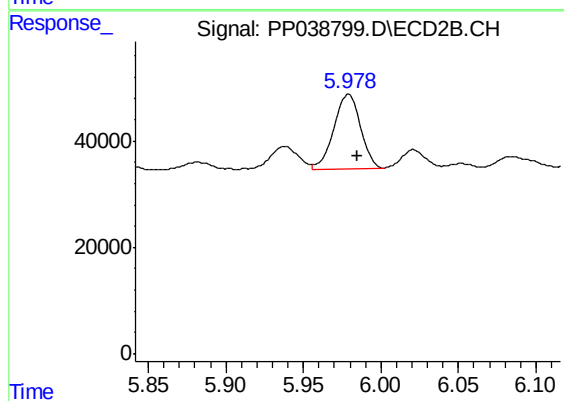
#19 AR-1242-4

R.T.: 5.420 min
Delta R.T.: -0.004 min
Response: 60418
Conc: 126.40 ng/ml



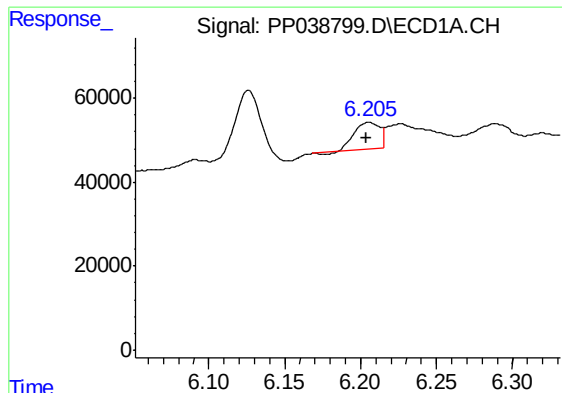
#20 AR-1242-5

R.T.: 7.180 min
Delta R.T.: -0.005 min
Response: 119287
Conc: 166.84 ng/ml



#20 AR-1242-5

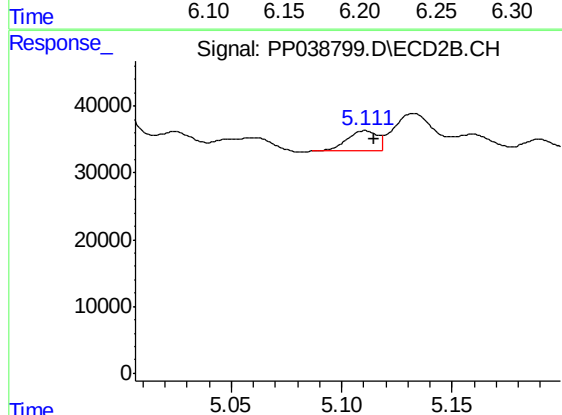
R.T.: 5.979 min
Delta R.T.: -0.006 min
Response: 163363
Conc: 263.89 ng/ml



#21 AR-1248-1

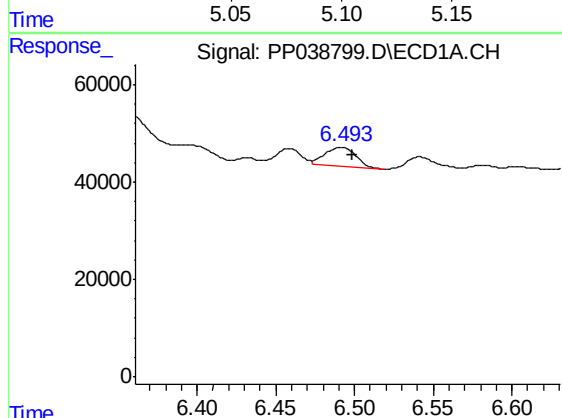
R.T.: 6.205 min
Delta R.T.: 0.001 min
Response: 73436
Conc: 92.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



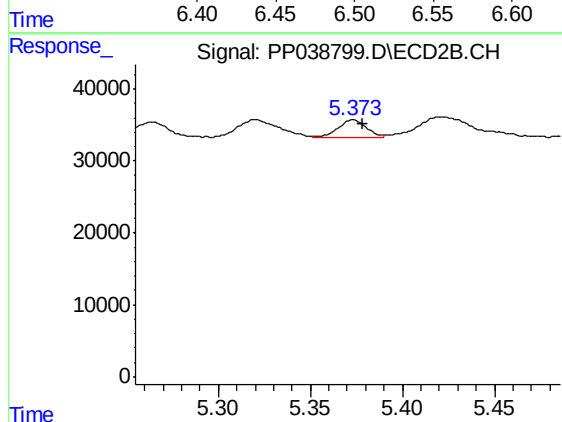
#21 AR-1248-1

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 29372
Conc: 53.90 ng/ml



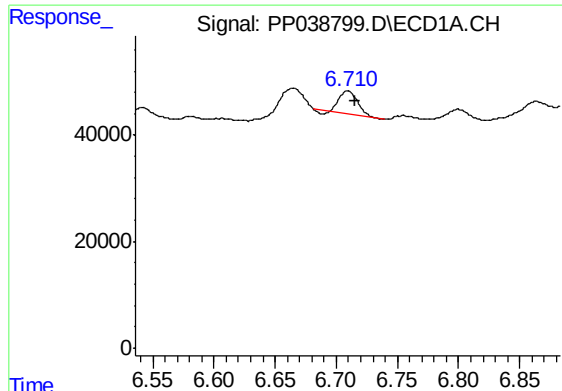
#22 AR-1248-2

R.T.: 6.491 min
Delta R.T.: -0.007 min
Response: 54185
Conc: 55.27 ng/ml



#22 AR-1248-2

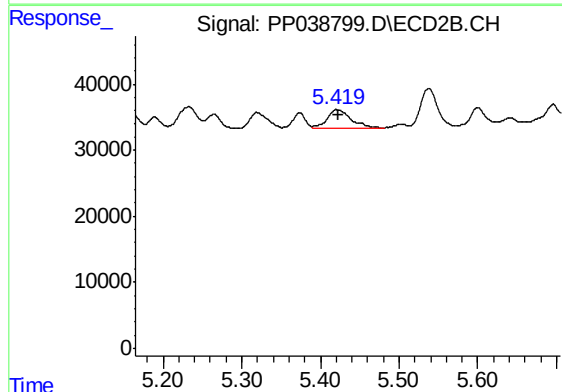
R.T.: 5.373 min
Delta R.T.: -0.005 min
Response: 25422
Conc: 34.20 ng/ml



#23 AR-1248-3

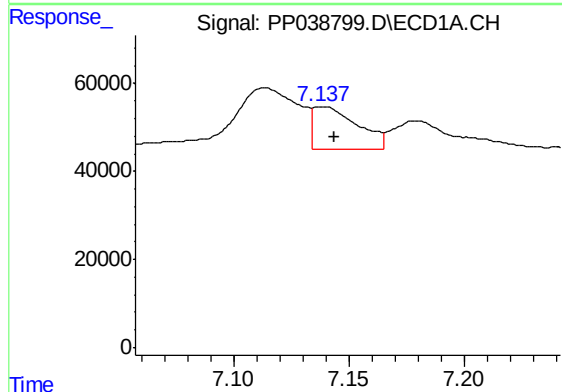
R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 41037
Conc: 35.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



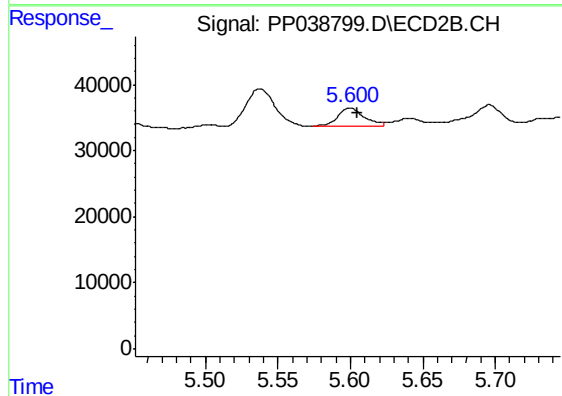
#23 AR-1248-3

R.T.: 5.420 min
Delta R.T.: -0.002 min
Response: 60418
Conc: 79.56 ng/ml



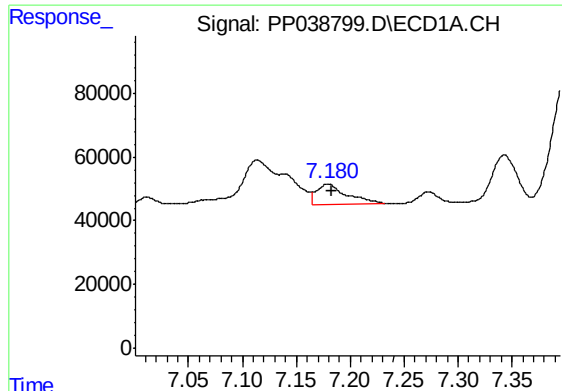
#24 AR-1248-4

R.T.: 7.139 min
Delta R.T.: -0.005 min
Response: 129726
Conc: 105.05 ng/ml



#24 AR-1248-4

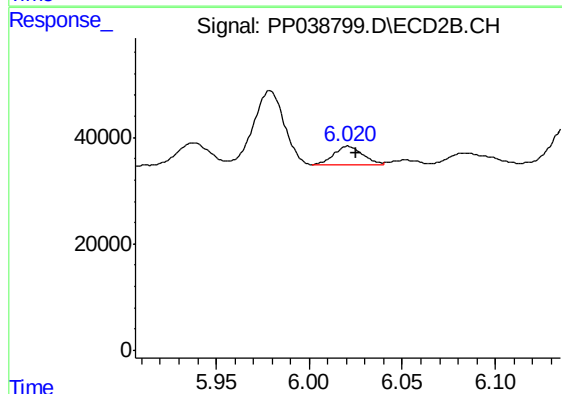
R.T.: 5.600 min
Delta R.T.: -0.005 min
Response: 35036
Conc: 37.88 ng/ml



#25 AR-1248-5

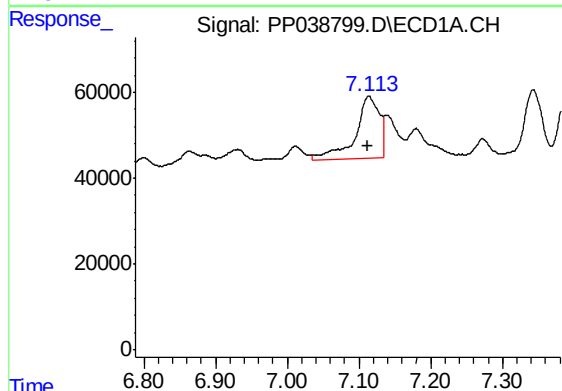
R.T.: 7.180 min
Delta R.T.: -0.004 min
Response: 119287
Conc: 97.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



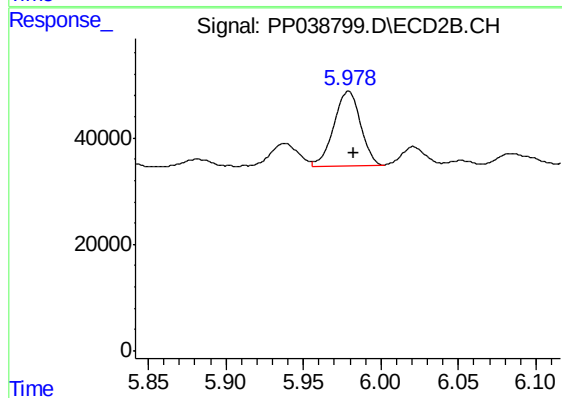
#25 AR-1248-5

R.T.: 6.021 min
Delta R.T.: -0.004 min
Response: 38471
Conc: 42.61 ng/ml



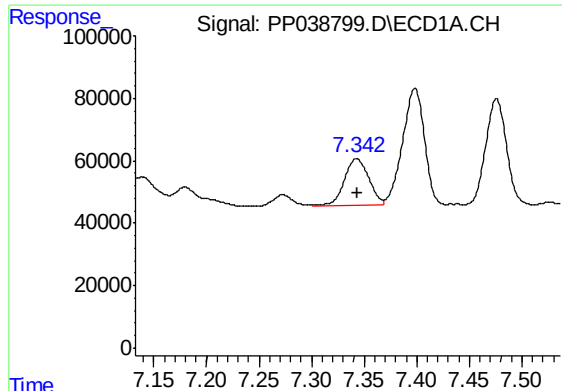
#26 AR-1254-1

R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 329981
Conc: 289.20 ng/ml



#26 AR-1254-1

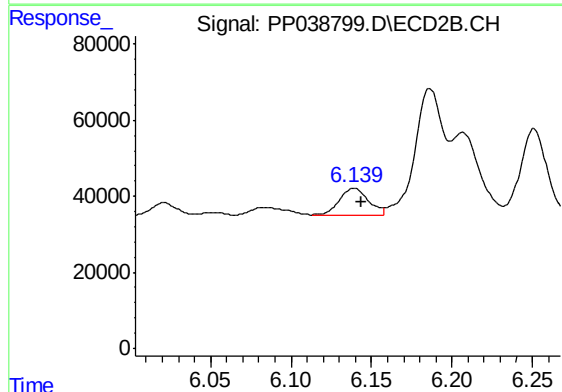
R.T.: 5.979 min
Delta R.T.: -0.004 min
Response: 163363
Conc: 124.39 ng/ml



#27 AR-1254-2

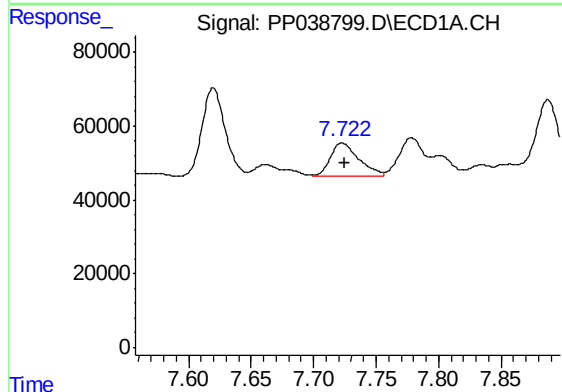
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 241949
Conc: 140.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



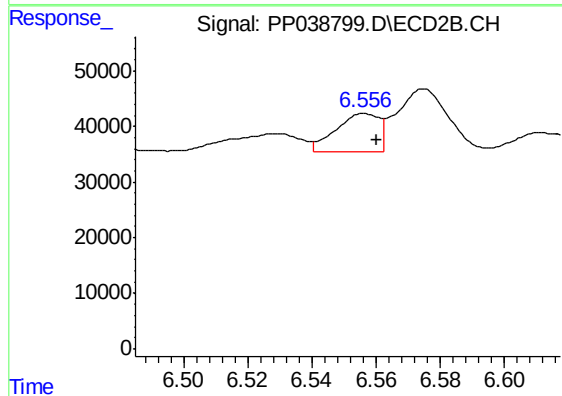
#27 AR-1254-2

R.T.: 6.139 min
Delta R.T.: -0.004 min
Response: 87655
Conc: 76.37 ng/ml



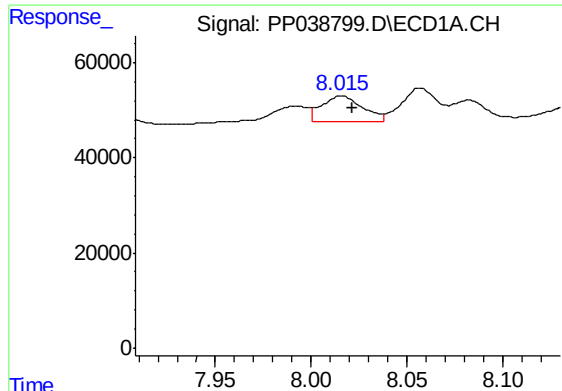
#28 AR-1254-3

R.T.: 7.723 min
Delta R.T.: -0.002 min
Response: 141454
Conc: 78.80 ng/ml



#28 AR-1254-3

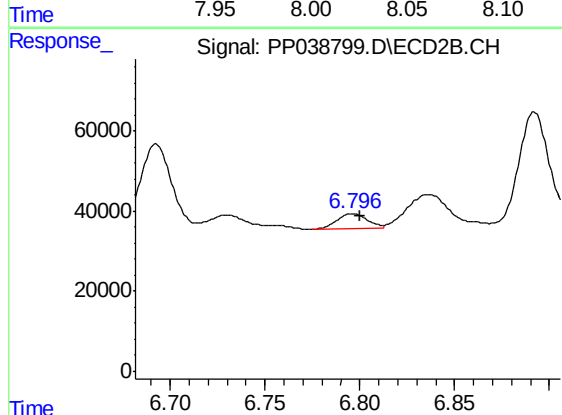
R.T.: 6.556 min
Delta R.T.: -0.004 min
Response: 65472
Conc: 35.19 ng/ml



#29 AR-1254-4

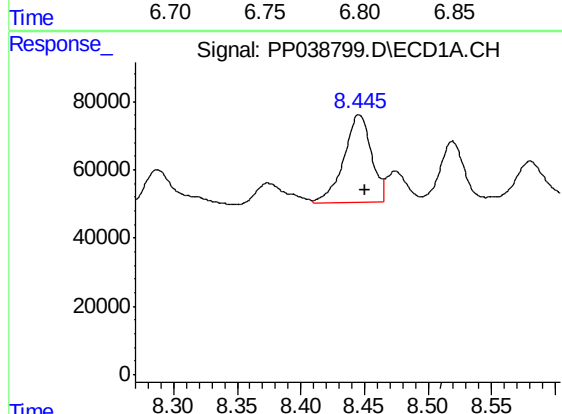
R.T.: 8.016 min
Delta R.T.: -0.006 min
Response: 80050
Conc: 62.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



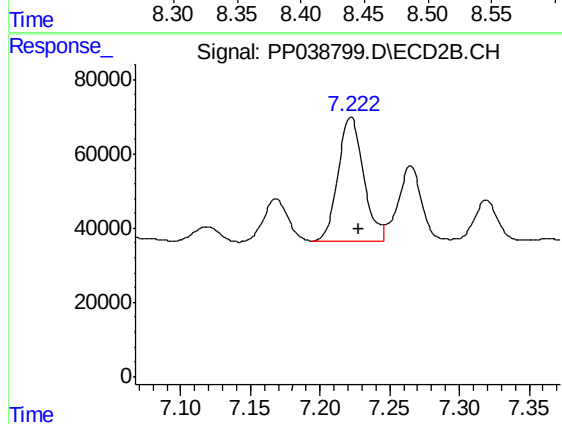
#29 AR-1254-4

R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 41466
Conc: 35.48 ng/ml



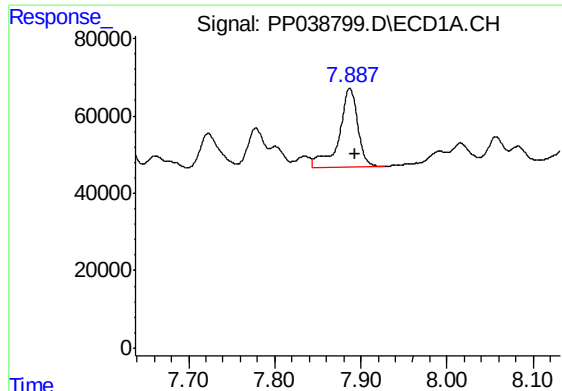
#30 AR-1254-5

R.T.: 8.446 min
Delta R.T.: -0.005 min
Response: 381114
Conc: 308.14 ng/ml



#30 AR-1254-5

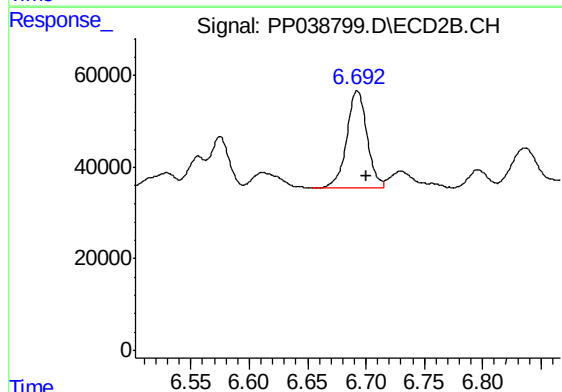
R.T.: 7.222 min
Delta R.T.: -0.006 min
Response: 426217
Conc: 263.70 ng/ml



#31 AR-1260-1

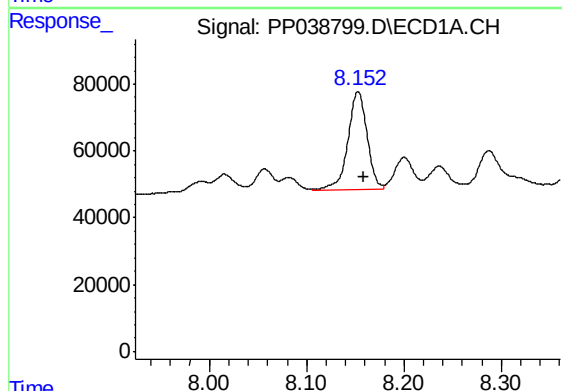
R.T.: 7.887 min
Delta R.T.: -0.006 min
Response: 303267
Conc: 253.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



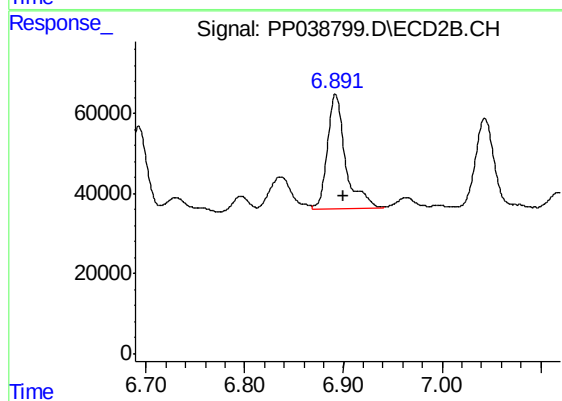
#31 AR-1260-1

R.T.: 6.693 min
Delta R.T.: -0.008 min
Response: 257264
Conc: 219.85 ng/ml



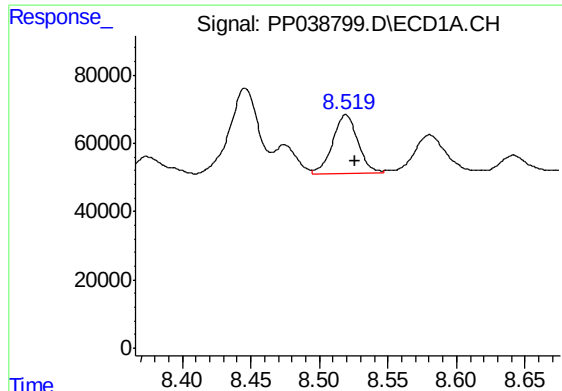
#32 AR-1260-2

R.T.: 8.153 min
Delta R.T.: -0.007 min
Response: 398749
Conc: 271.78 ng/ml



#32 AR-1260-2

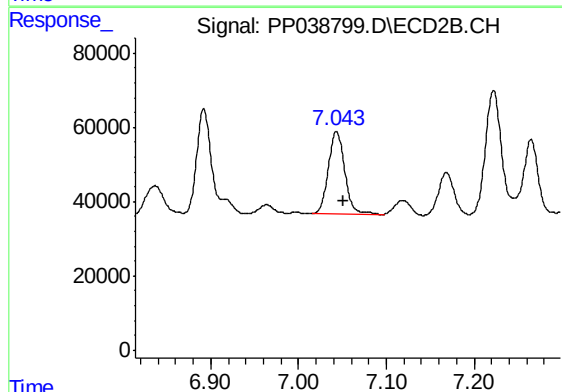
R.T.: 6.892 min
Delta R.T.: -0.007 min
Response: 365718
Conc: 256.92 ng/ml



#33 AR-1260-3

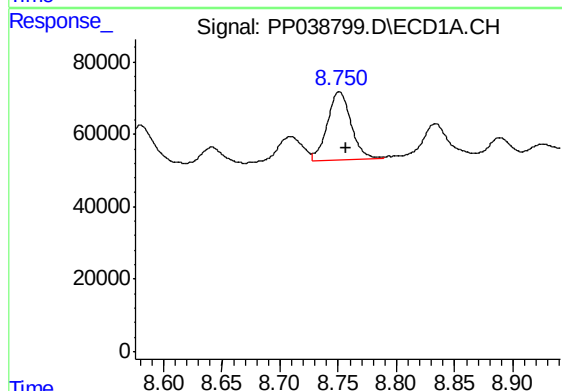
R.T.: 8.519 min
Delta R.T.: -0.006 min
Response: 220737
Conc: 230.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



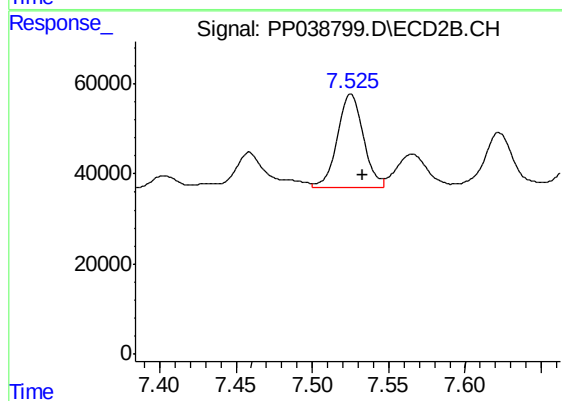
#33 AR-1260-3

R.T.: 7.043 min
Delta R.T.: -0.008 min
Response: 292872
Conc: 203.64 ng/ml



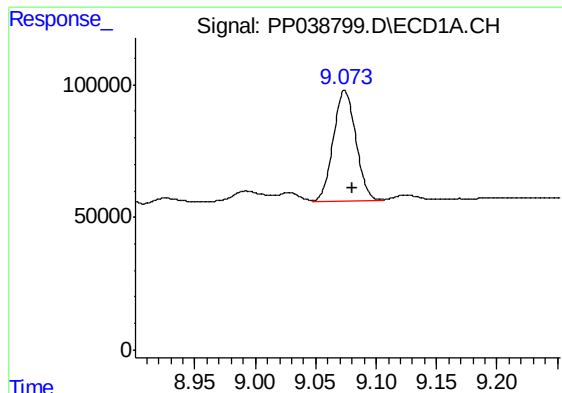
#34 AR-1260-4

R.T.: 8.751 min
Delta R.T.: -0.005 min
Response: 269678
Conc: 237.15 ng/ml



#34 AR-1260-4

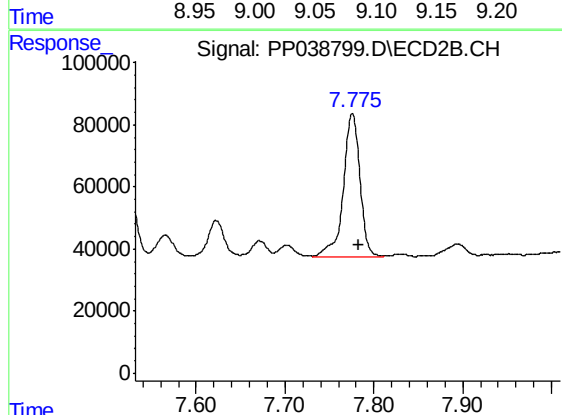
R.T.: 7.525 min
Delta R.T.: -0.008 min
Response: 245531
Conc: 218.63 ng/ml



#35 AR-1260-5

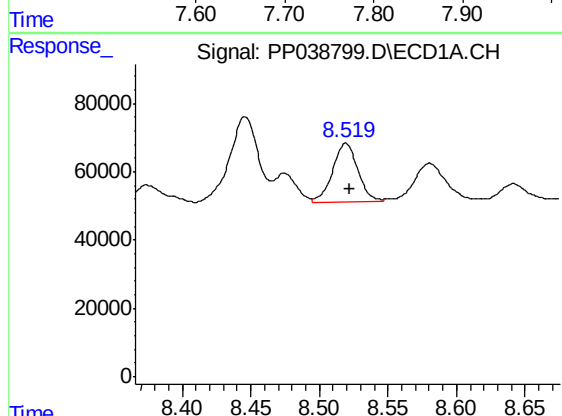
R.T.: 9.074 min
Delta R.T.: -0.007 min
Response: 548703
Conc: 244.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



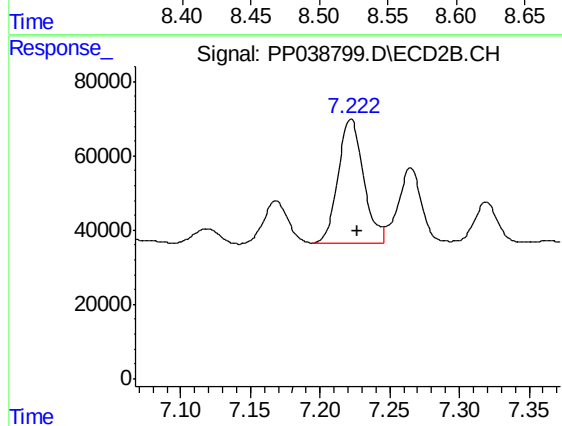
#35 AR-1260-5

R.T.: 7.776 min
Delta R.T.: -0.007 min
Response: 606670
Conc: 223.97 ng/ml



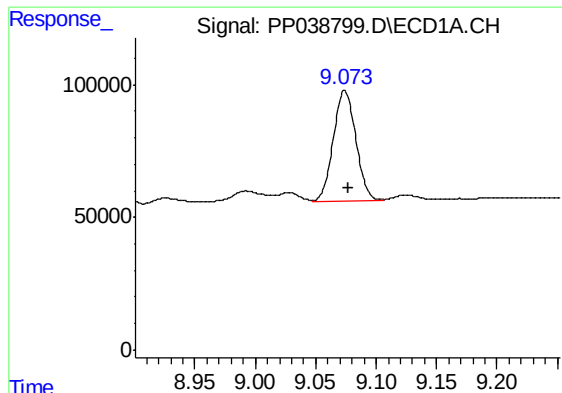
#36 AR-1262-1

R.T.: 8.519 min
Delta R.T.: -0.003 min
Response: 220737
Conc: 148.49 ng/ml



#36 AR-1262-1

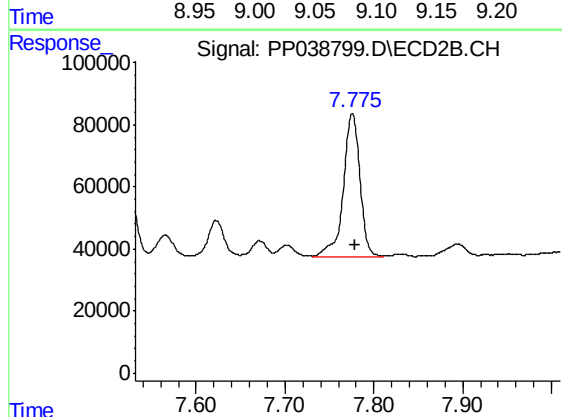
R.T.: 7.222 min
Delta R.T.: -0.005 min
Response: 426217
Conc: 471.54 ng/ml



#37 AR-1262-2

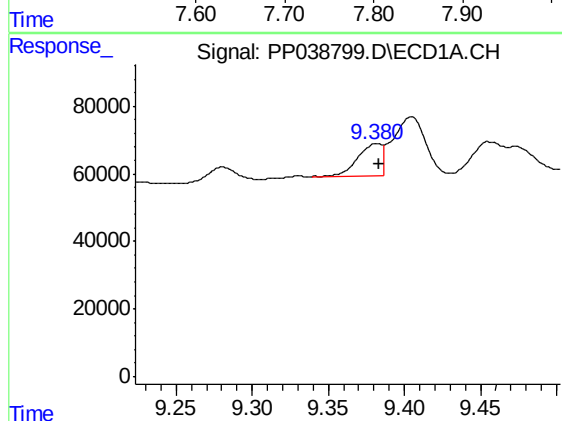
R.T.: 9.074 min
Delta R.T.: -0.003 min
Response: 548703
Conc: 206.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



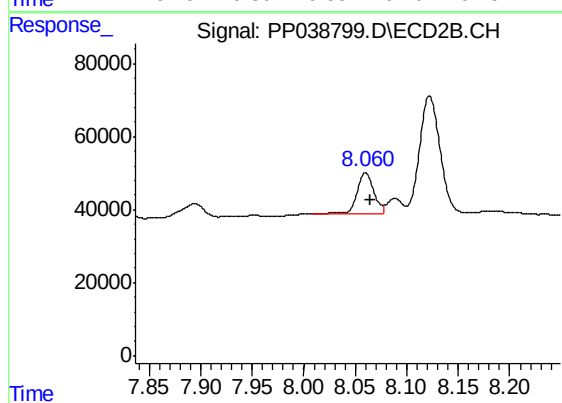
#37 AR-1262-2

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 606670
Conc: 196.36 ng/ml



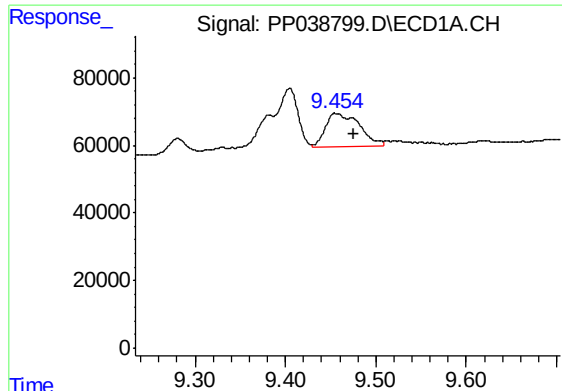
#38 AR-1262-3

R.T.: 9.382 min
Delta R.T.: -0.001 min
Response: 104408
Conc: 87.63 ng/ml



#38 AR-1262-3

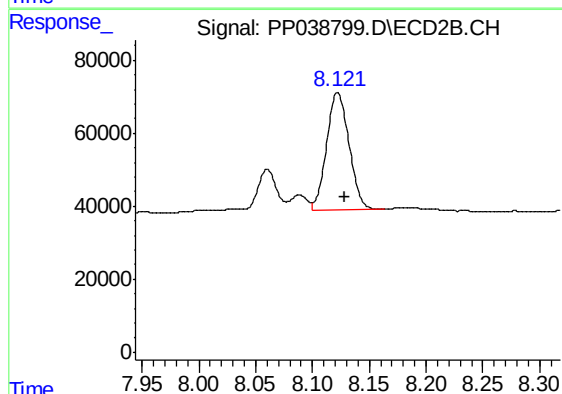
R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 123075
Conc: 97.96 ng/ml



#39 AR-1262-4

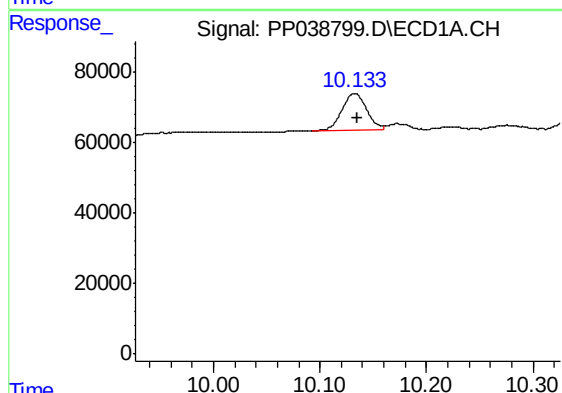
R.T.: 9.455 min
Delta R.T.: -0.020 min
Response: 251602
Conc: 312.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



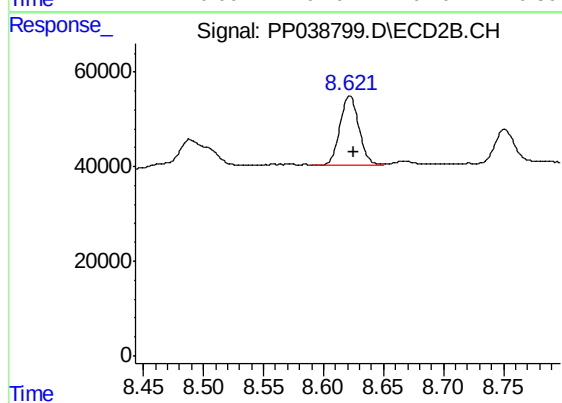
#39 AR-1262-4

R.T.: 8.122 min
Delta R.T.: -0.006 min
Response: 442071
Conc: 187.05 ng/ml



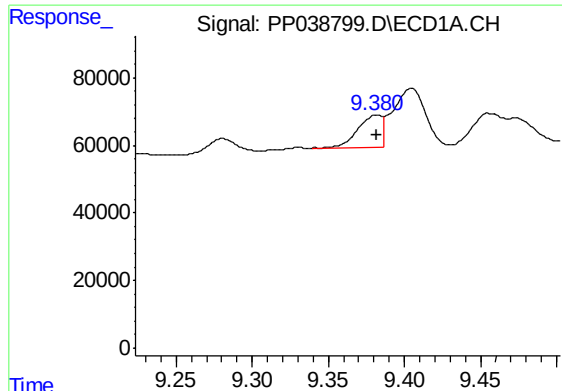
#40 AR-1262-5

R.T.: 10.133 min
Delta R.T.: -0.002 min
Response: 168973
Conc: 158.52 ng/ml



#40 AR-1262-5

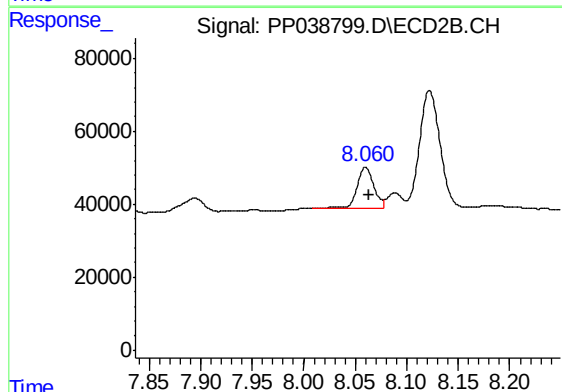
R.T.: 8.622 min
Delta R.T.: -0.004 min
Response: 159278
Conc: 140.09 ng/ml



#41 AR-1268-1

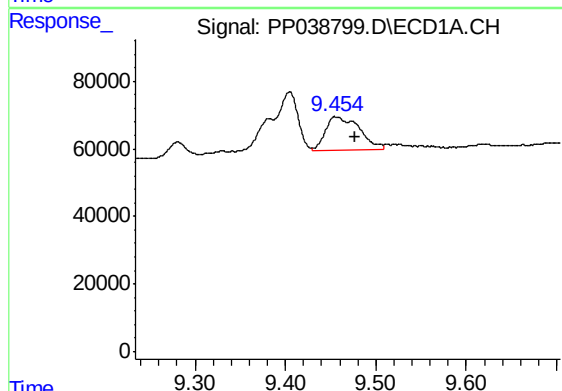
R.T.: 9.382 min
Delta R.T.: 0.000 min
Response: 104408
Conc: 32.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



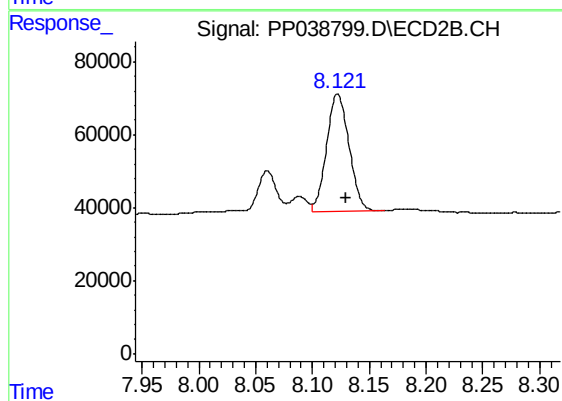
#41 AR-1268-1

R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 123075
Conc: 33.70 ng/ml



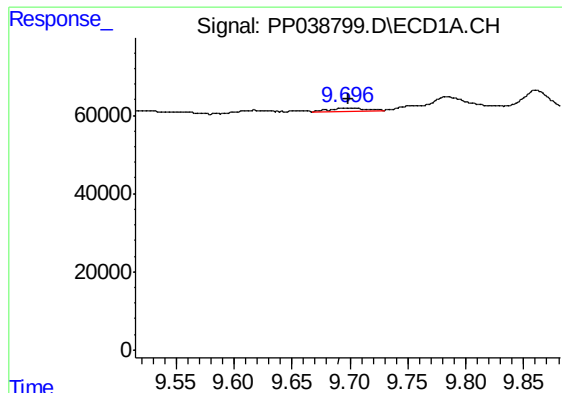
#42 AR-1268-2

R.T.: 9.455 min
Delta R.T.: -0.022 min
Response: 251602
Conc: 81.67 ng/ml



#42 AR-1268-2

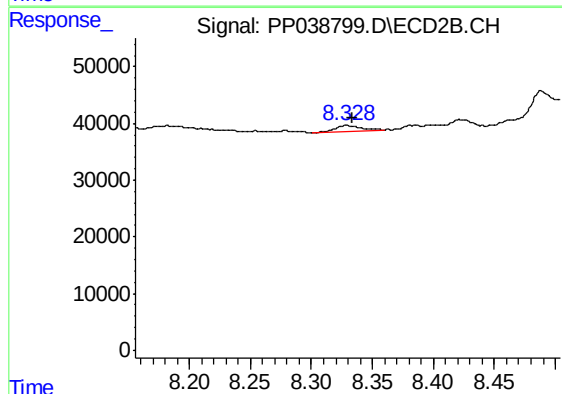
R.T.: 8.122 min
Delta R.T.: -0.007 min
Response: 442071
Conc: 128.14 ng/ml



#43 AR-1268-3

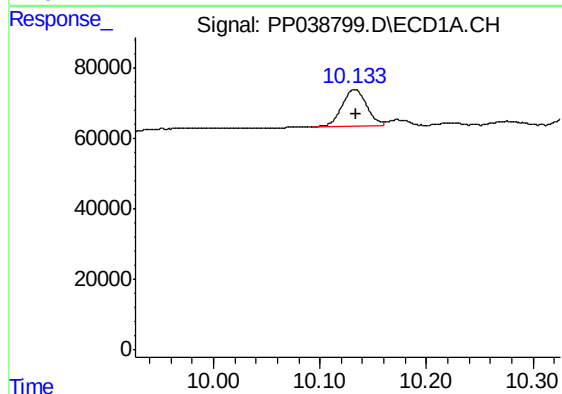
R.T.: 9.695 min
Delta R.T.: -0.004 min
Response: 18732
Conc: 7.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



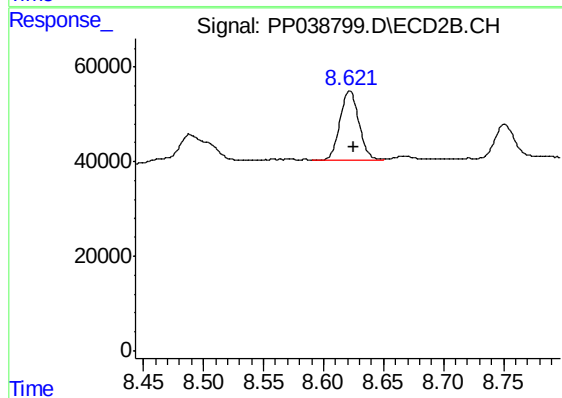
#43 AR-1268-3

R.T.: 8.329 min
Delta R.T.: -0.005 min
Response: 15238
Conc: 5.23 ng/ml



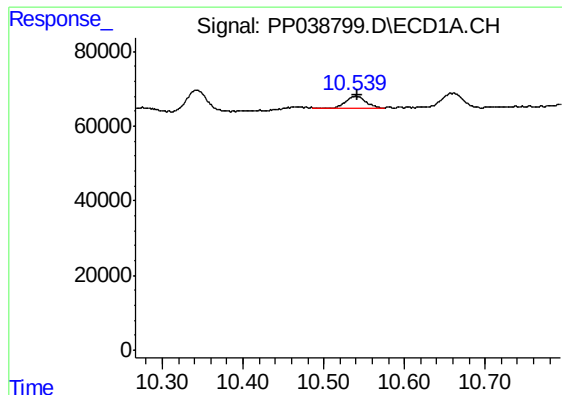
#44 AR-1268-4

R.T.: 10.133 min
Delta R.T.: -0.001 min
Response: 168973
Conc: 138.70 ng/ml



#44 AR-1268-4

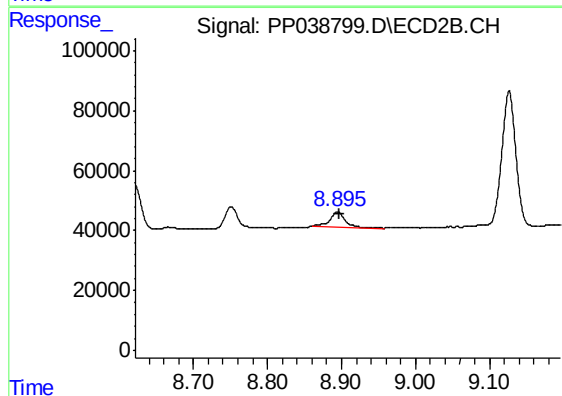
R.T.: 8.622 min
Delta R.T.: -0.003 min
Response: 159278
Conc: 125.94 ng/ml



#45 AR-1268-5

R.T.: 10.540 min
Delta R.T.: -0.003 min
Response: 54631
Conc: 5.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
2-GROWS



#45 AR-1268-5

R.T.: 8.895 min
Delta R.T.: -0.002 min
Response: 68746
Conc: 7.07 ng/ml